

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
 Data File : BF117022.D
 Acq On : 13 Sep 2019 14:41
 Operator : HP/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Quant Time: Sep 13 15:14:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 14:40:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	75502	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	312096	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	158789	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	256080	20.00	ng	0.00
76) Chrysene-d12	13.98	240	163596	20.00	ng	0.00
87) Perylene-d12	15.43	264	140775	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	762998	163.72	ng	0.00
7) Phenol-d6	6.47	99	971464	158.74	ng	0.01
23) Nitrobenzene-d5	7.40	82	931802	170.44	ng	0.01
42) 2,4,6-Tribromophenol	10.65	330	207349	195.33	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1480483	157.28	ng	0.01
79) Terphenyl-d14	12.92	244	1442322	163.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	162249	75.416	ng	99
3) Pyridine	3.31	79	460594	73.943	ng	96
4) n-Nitrosodimethylamine	3.28	42	159444	74.541	ng	96
6) Aniline	6.50	93	620486	73.205	ng	99
8) 2-Chlorophenol	6.62	128	400385	78.699	ng	98
9) Benzaldehyde	6.37	77	217250	53.885	ng	96
10) Phenol	6.49	94	534056	78.810	ng	89
11) bis(2-Chloroethyl)ether	6.57	93	392706	74.426	ng	99
12) 1,3-Dichlorobenzene	6.77	146	454446	79.034	ng	100
13) 1,4-Dichlorobenzene	6.85	146	463559	80.977	ng	99
14) 1,2-Dichlorobenzene	7.00	146	427044	80.497	ng	99
15) Benzyl Alcohol	6.97	79	373851	75.259	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	392602	63.419	ng	96
17) 2-Methylphenol	7.09	107	340208	76.389	ng	94
18) Hexachloroethane	7.34	117	179751	80.820	ng	95
19) n-Nitroso-di-n-propylamine	7.25	70	297946	73.943	ng	96
20) 3+4-Methylphenols	7.25	107	412277	79.616	ng	90
22) Acetophenone	7.25	105	613735	81.682	ng	# 99
24) Nitrobenzene	7.42	77	461592	83.018	ng	97
25) Isophorone	7.66	82	824065	74.387	ng	99
26) 2-Nitrophenol	7.73	139	208995	101.102	ng	96
27) 2,4-Dimethylphenol	7.77	122	313650	75.129	ng	98
28) bis(2-Chloroethoxy)methane	7.86	93	498170	73.588	ng	100
29) 2,4-Dichlorophenol	7.97	162	326983	81.499	ng	99
30) 1,2,4-Trichlorobenzene	8.05	180	345607	79.419	ng	97
31) Naphthalene	8.13	128	1142742	77.002	ng	99
32) Benzoic acid	7.93	122	257898	109.405	ng	97
33) 4-Chloroaniline	8.18	127	508666	75.298	ng	99
34) Hexachlorobutadiene	8.25	225	198559	83.683	ng	96
35) Caprolactam	8.57	113	86815	57.818	ng	96
36) 4-Chloro-3-methylphenol	8.67	107	377915	81.954	ng	98
37) 2-Methylnaphthalene	8.82	142	766192	77.596	ng	99
38) 1-Methylnaphthalene	8.92	142	719251	77.163	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	306342	80.479	ng	98

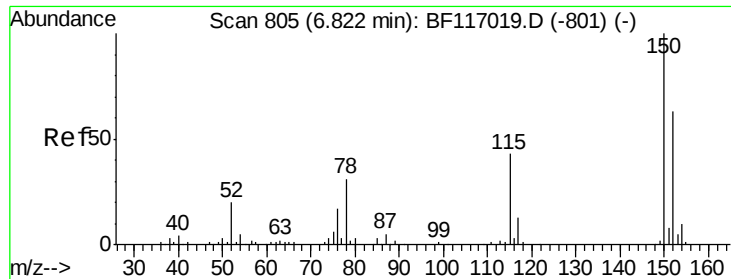
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
 Data File : BF117022.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	143447	65.259	ng	100
43) 2,4,6-Trichlorophenol	9.10	196	218882	83.885	ng	99
44) 2,4,5-Trichlorophenol	9.15	196	225140	83.110	ng	96
46) 1,1'-Biphenyl	9.29	154	928818	77.086	ng	99
47) 2-Chloronaphthalene	9.31	162	737892	77.320	ng	99
48) 2-Nitroaniline	9.40	65	255208	92.500	ng	91
49) Acenaphthylene	9.72	152	1107598	76.778	ng	99
50) Dimethylphthalate	9.59	163	862840	78.707	ng	100
51) 2,6-Dinitrotoluene	9.65	165	183759	87.855	ng	96
52) Acenaphthene	9.90	154	657029	74.125	ng	98
53) 3-Nitroaniline	9.82	138	224769	85.750	ng	99
54) 2,4-Dinitrophenol	9.93	184	77867	126.721	ng	93
55) Dibenzofuran	10.07	168	964425	77.182	ng	99
56) 4-Nitrophenol	9.98	139	155247	86.378	ng	96
57) 2,4-Dinitrotoluene	10.06	165	240049	93.860	ng	95
58) Fluorene	10.41	166	778774	81.795	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.19	232	176170	90.109	ng	99
60) Diethylphthalate	10.28	149	830997	75.673	ng	97
61) 4-Chlorophenyl-phenylether	10.40	204	330661	79.309	ng	99
62) 4-Nitroaniline	10.44	138	233027	91.606	ng	96
63) Azobenzene	10.56	77	859479	75.060	ng	98
65) 4,6-Dinitro-2-methylphenol	10.47	198	98570	113.975	ng	98
66) n-Nitrosodiphenylamine	10.52	169	676127	76.324	ng	99
67) 4-Bromophenyl-phenylether	10.89	248	201763	77.558	ng	98
68) Hexachlorobenzene	10.96	284	219524	80.655	ng	97
69) Atrazine	11.04	200	145466	58.630	ng	100
70) Pentachlorophenol	11.15	266	116316	88.342	ng	98
71) Phenanthrene	11.37	178	1100080	77.171	ng	100
72) Anthracene	11.42	178	1129435	78.708	ng	98
73) Carbazole	11.57	167	1061039	77.624	ng	99
74) Di-n-butylphthalate	11.90	149	1272991	72.646	ng	100
75) Fluoranthene	12.55	202	1118707	79.855	ng	99
77) Benzidine	12.67	184	311170	48.494	ng	97
78) Pyrene	12.78	202	1128322	77.587	ng	99
80) Butylbenzylphthalate	13.39	149	535144	75.670	ng	96
81) Benzo(a)anthracene	13.97	228	857823	82.850	ng	99
82) 3,3'-Dichlorobenzidine	13.93	252	242259	69.236	ng	98
83) Chrysene	14.01	228	827215	77.548	ng	99
84) Bis(2-ethylhexyl)phthalate	13.95	149	677780	77.639	ng	99
85) Di-n-octyl phthalate	14.57	149	1009141	70.638	ng	99
86) Indeno(1,2,3-cd)pyrene	16.88	276	618894	72.233	ng	99
88) Benzo(b)fluoranthene	15.02	252	694048	81.547	ng	100
89) Benzo(k)fluoranthene	15.05	252	584192	75.281	ng	98
90) Benzo(a)pyrene	15.38	252	583449	78.794	ng	99
91) Dibenzo(a,h)anthracene	16.89	278	498064	76.845	ng	99
92) Benzo(g,h,i)perylene	17.32	276	507518	76.778	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

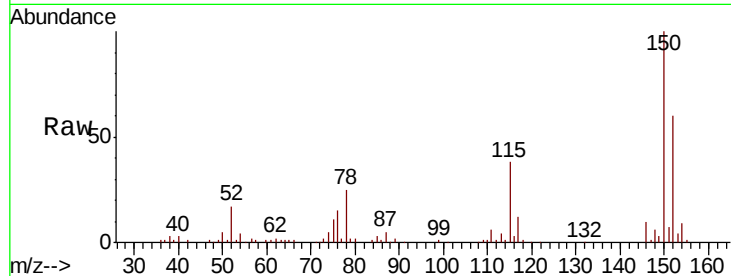


#1

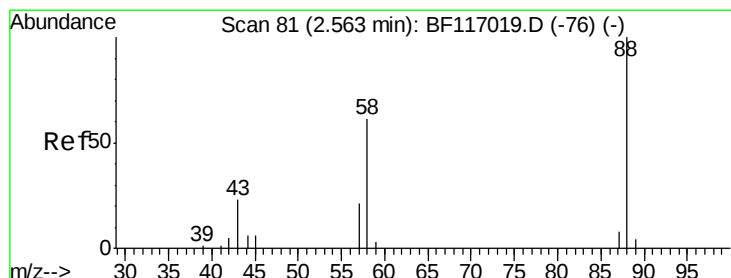
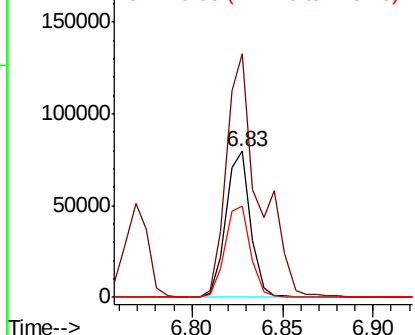
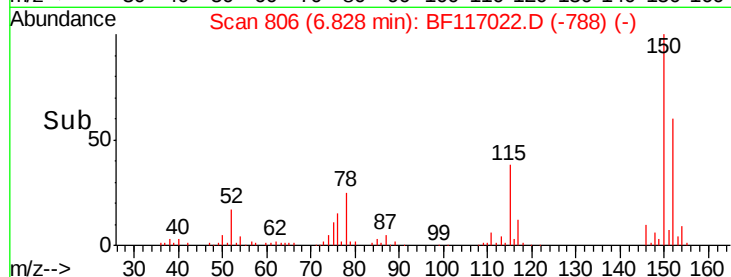
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: BF117022.D
 Acq: 13 Sep 2019 14:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:152 Resp: 75502
 Ion Ratio Lower Upper
 152 100
 150 166.4 127.5 191.3
 115 62.6 55.0 82.4



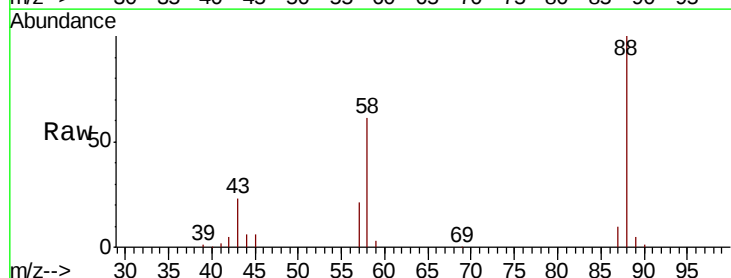
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



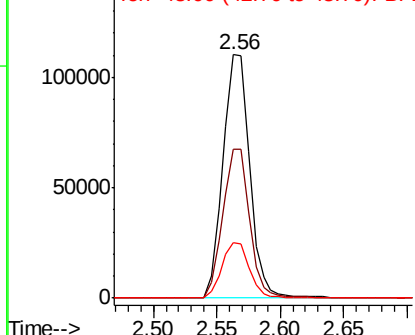
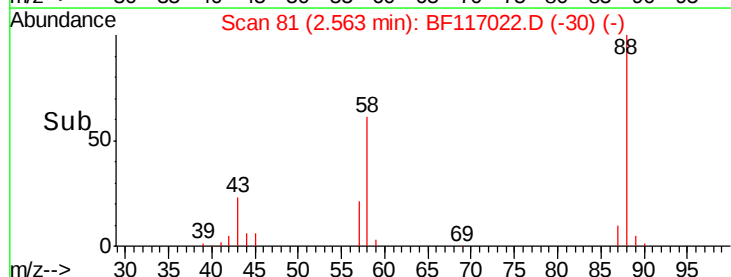
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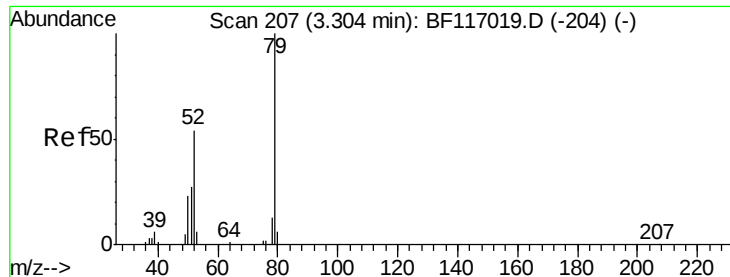
1,4-Dioxane
 Concen: 75.416 ng
 RT: 2.56 min Scan# 81
 Delta R.T. 0.00 min
 Lab File: BF117022.D
 Acq: 13 Sep 2019 14:41

Tgt Ion: 88 Resp: 162249
 Ion Ratio Lower Upper
 88 100
 58 61.0 49.3 73.9
 43 23.1 18.8 28.2



Abundance Ion 88.00 (87.70 to 88.70): BF1
 Ion 58.00 (57.70 to 58.70): BF1
 Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 73.943 ng

RT: 3.31 min Scan# 208

Delta R.T. 0.01 min

Lab File: BF117022.D

Acq: 13 Sep 2019 14:41

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

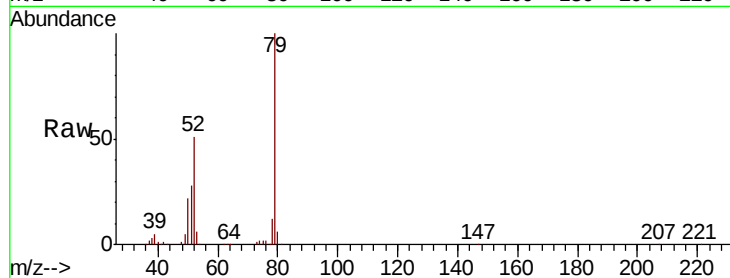
Tot Ion: 79 Resp: 460594

Ion Ratio Lower Upper

79 100

52 51.2 43.5 65.3

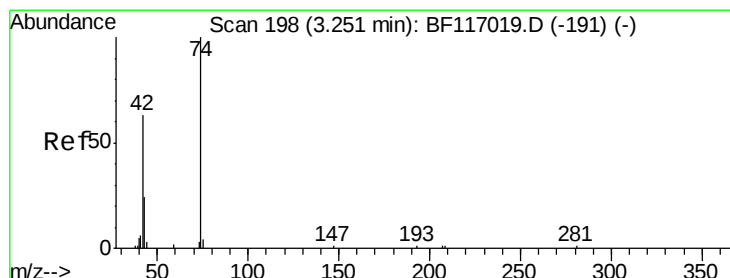
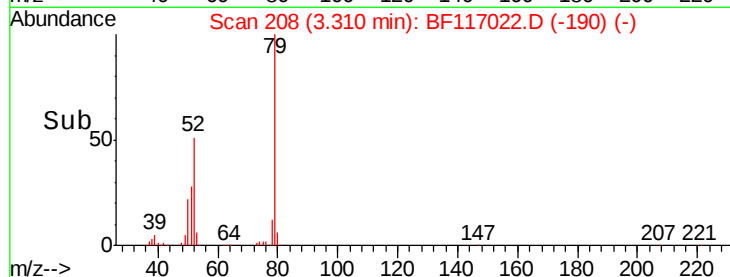
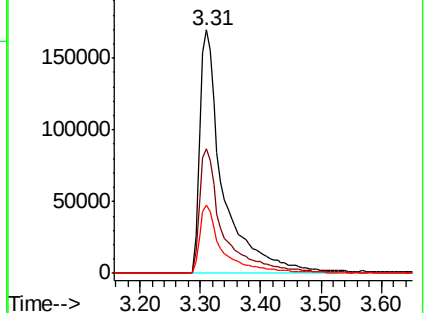
51 28.3 21.8 32.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 74.541 ng

RT: 3.28 min Scan# 203

Delta R.T. 0.03 min

Lab File: BF117022.D

Acq: 13 Sep 2019 14:41

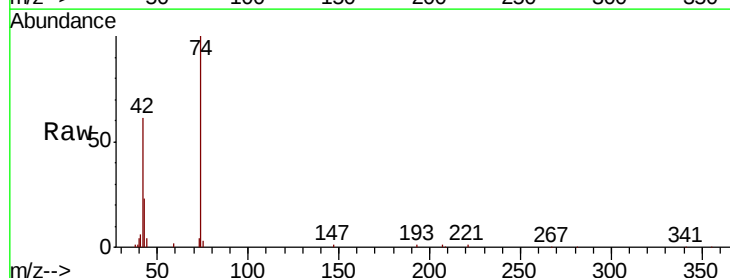
Tgt Ion: 42 Resp: 159444

Ion Ratio Lower Upper

42 100

74 164.0 127.1 190.7

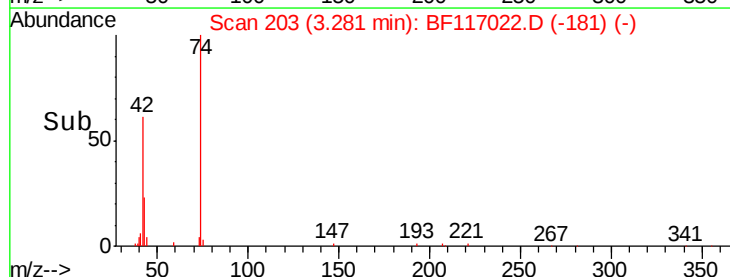
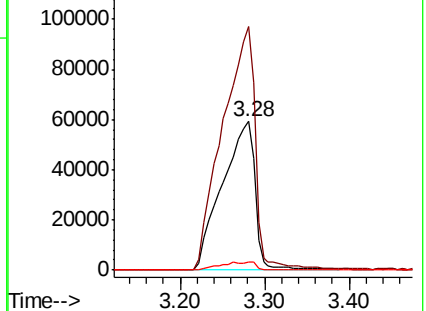
44 5.9 4.3 6.5

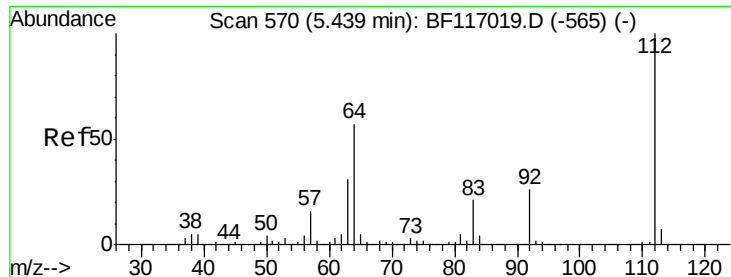


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 163.718 ng

RT: 5.45 min Scan# 571

Delta R.T. 0.01 min

Lab File: BF117022.D

Acq: 13 Sep 2019 14:41

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

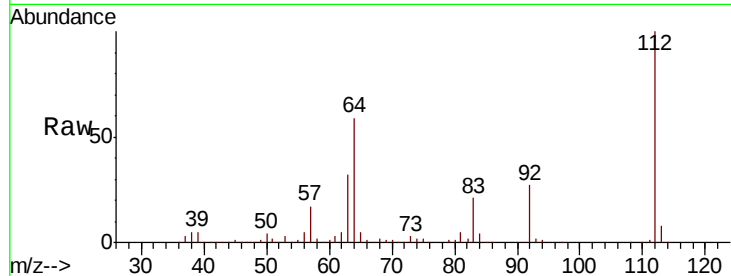
Tot Ion: 112 Resp: 762998

Ion Ratio Lower Upper

112 100

64 59.4 45.7 68.5

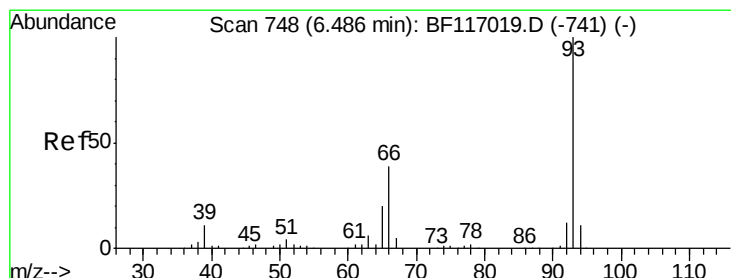
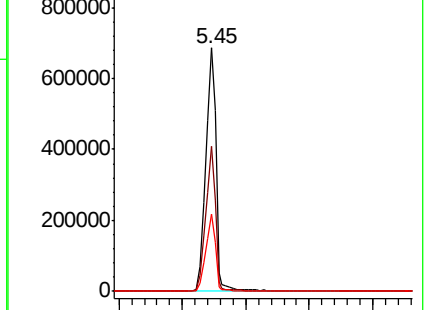
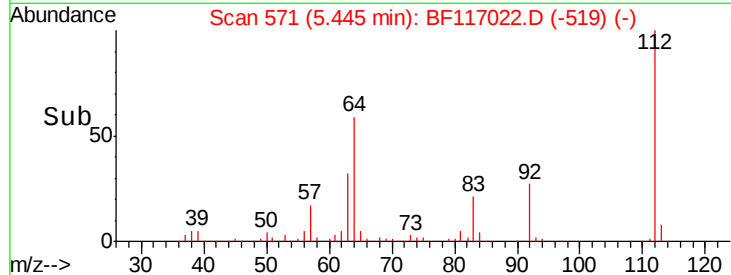
63 31.6 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 73.205 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF117022.D

Acq: 13 Sep 2019 14:41

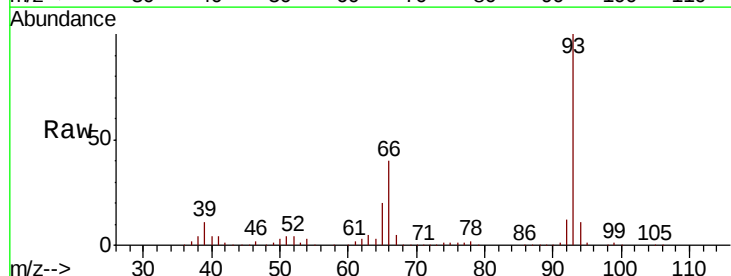
Tgt Ion: 93 Resp: 620486

Ion Ratio Lower Upper

93 100

66 40.0 32.6 49.0

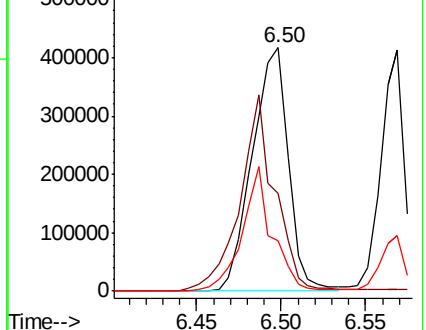
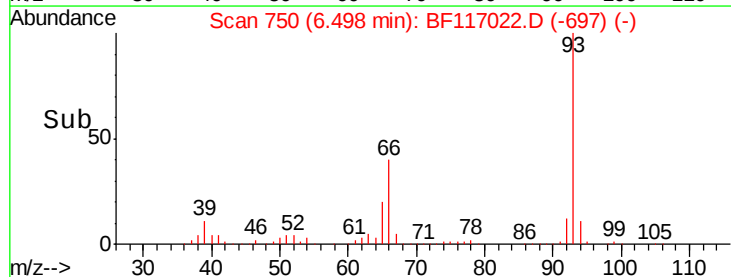
65 20.4 16.7 25.1

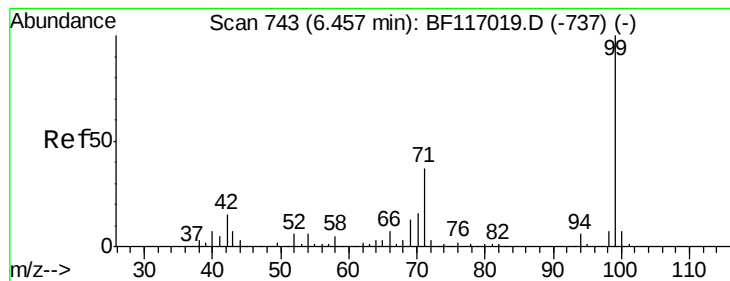


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 158.744 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF117022.D

Acq: 13 Sep 2019 14:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

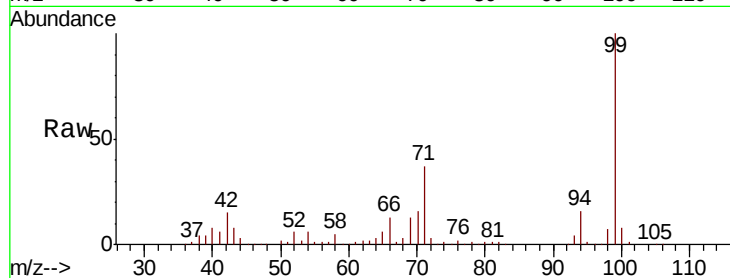
Tot Ion: 99 Resp: 971464

Ion Ratio Lower Upper

99 100

42 15.0 12.2 18.2

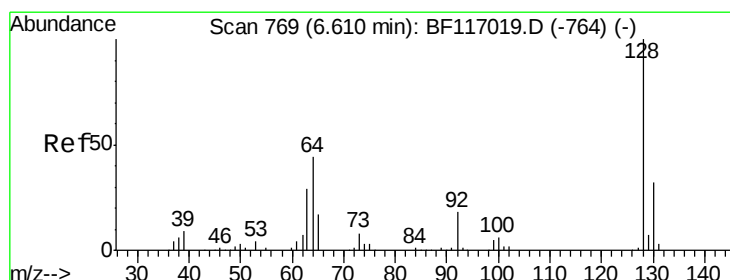
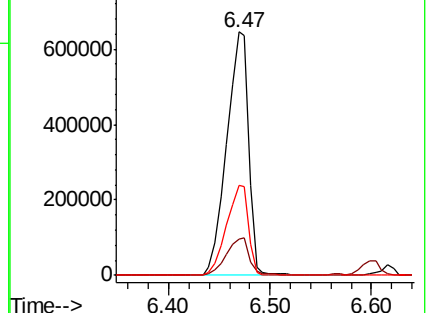
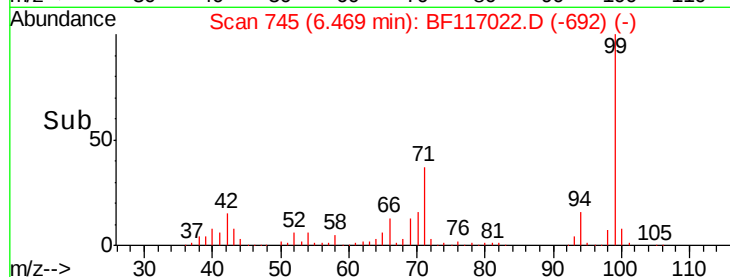
71 37.2 29.8 44.8



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 78.699 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF117022.D

Acq: 13 Sep 2019 14:41

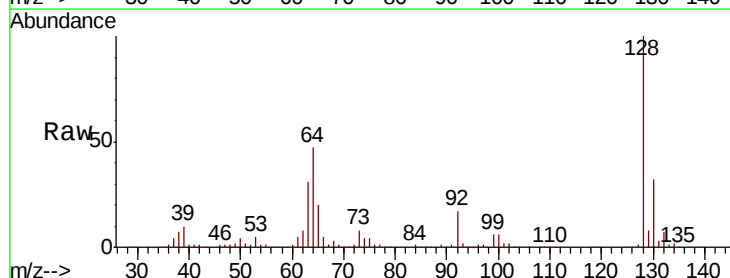
Tgt Ion: 128 Resp: 400385

Ion Ratio Lower Upper

128 100

130 31.8 11.8 51.8

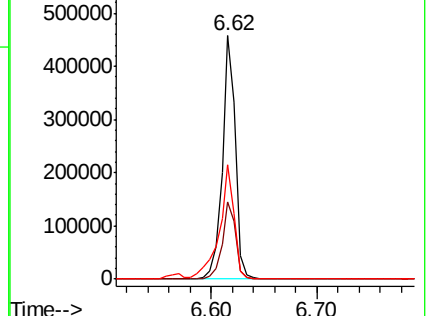
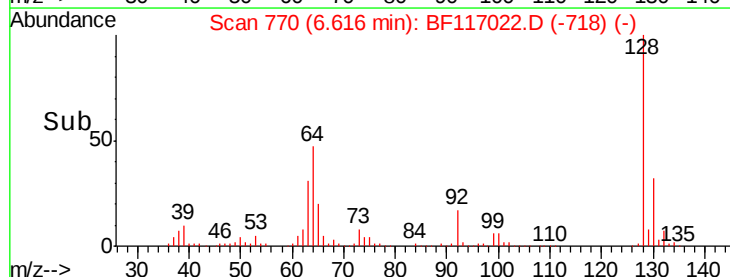
64 47.2 25.0 65.0

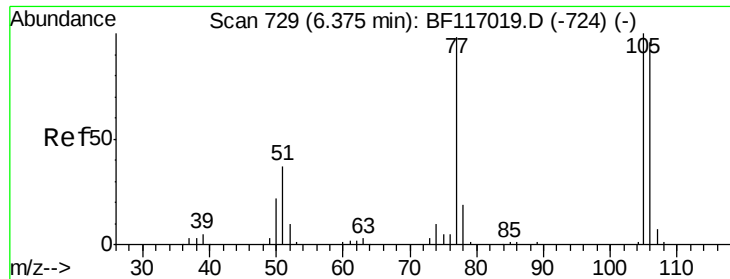


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 53.885 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF117022.D

Acq: 13 Sep 2019 14:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

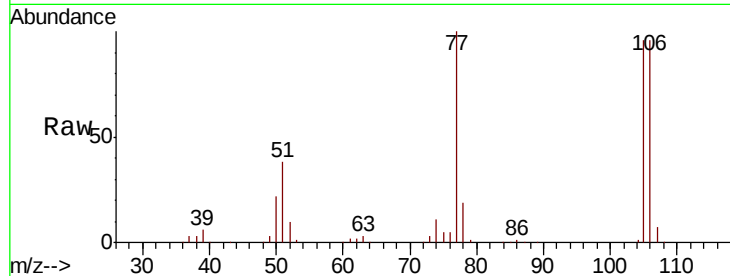
Tot Ion: 77 Resp: 217250

Ion Ratio Lower Upper

77 100

105 96.1 81.8 121.8

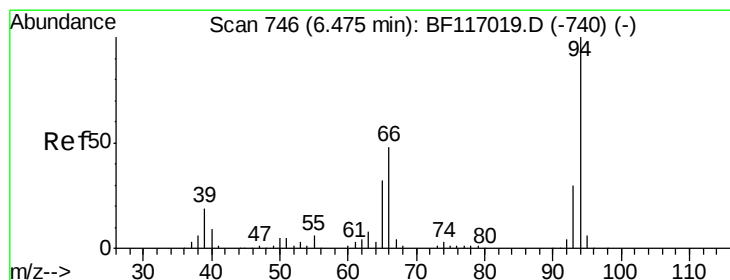
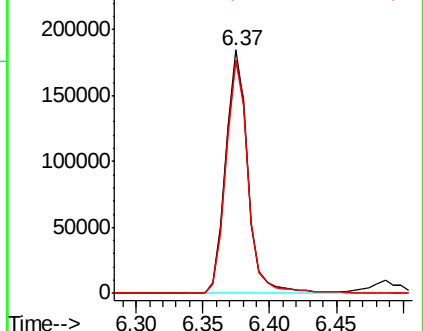
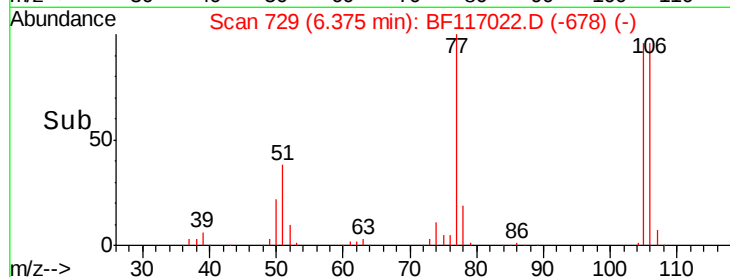
106 95.9 77.3 117.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 78.810 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF117022.D

Acq: 13 Sep 2019 14:41

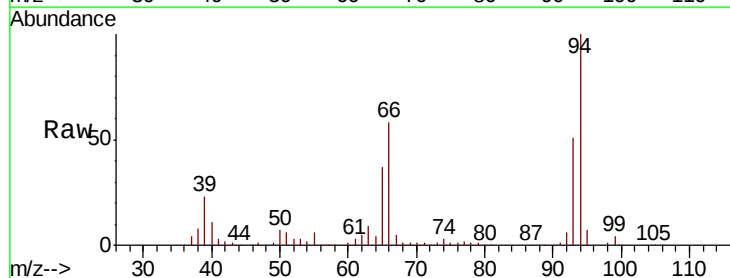
Tgt Ion: 94 Resp: 534056

Ion Ratio Lower Upper

94 100

65 36.8 12.5 52.5

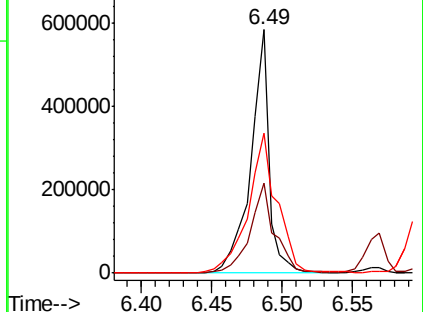
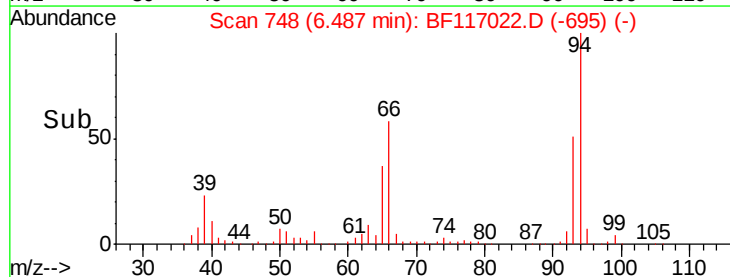
66 57.7 28.9 68.9

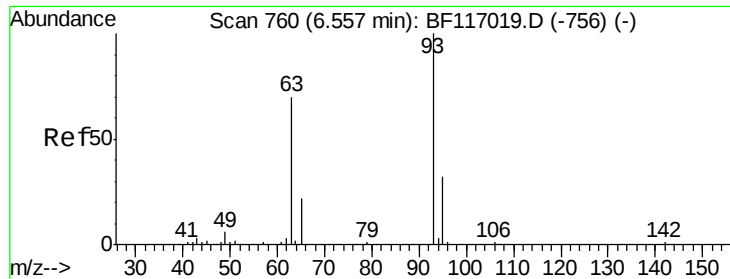


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 74.426 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.01 min

Lab File: BF117022.D

Acq: 13 Sep 2019 14:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

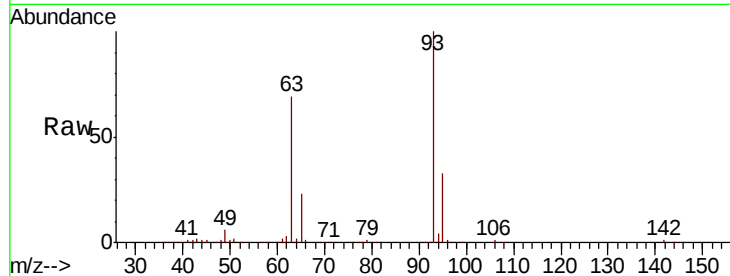
Tot Ion: 93 Resp: 392706

Ion Ratio Lower Upper

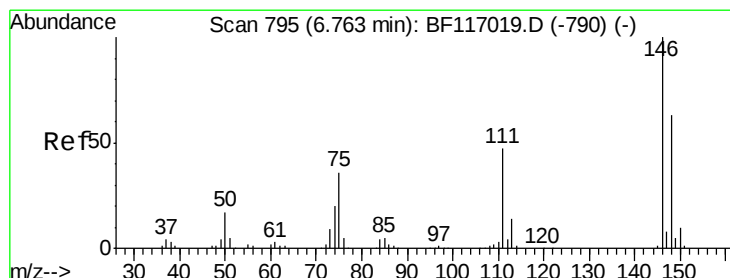
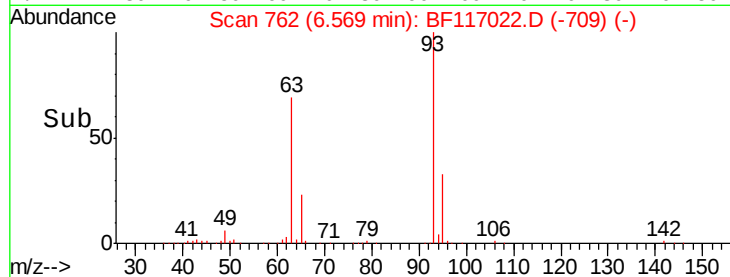
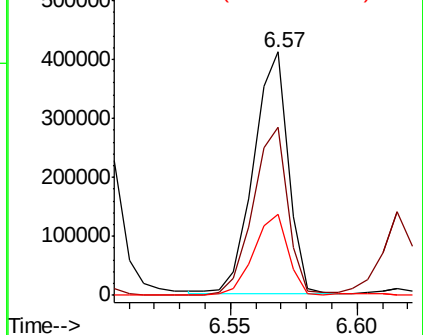
93 100

63 68.8 49.3 89.3

95 33.1 11.5 51.5



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 79.034 ng

RT: 6.77 min Scan# 796

Delta R.T. 0.01 min

Lab File: BF117022.D

Acq: 13 Sep 2019 14:41

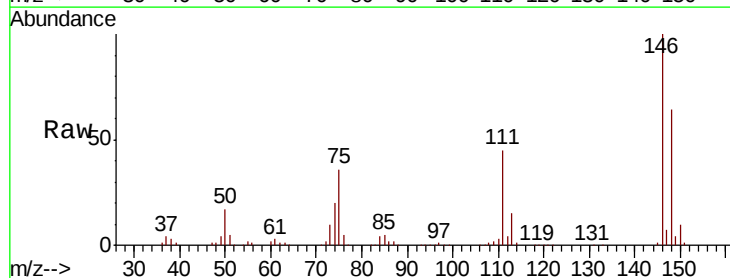
Tgt Ion: 146 Resp: 454446

Ion Ratio Lower Upper

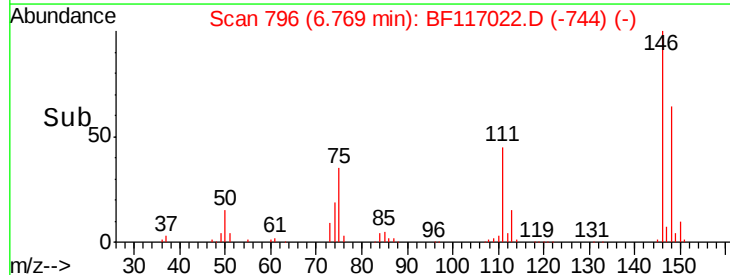
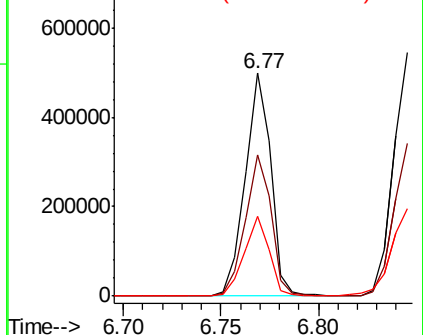
146 100

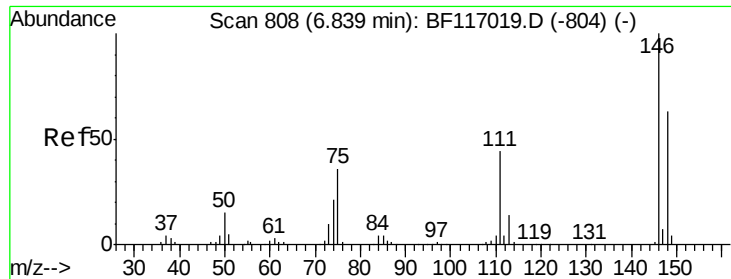
148 63.6 50.8 76.2

75 35.7 28.7 43.1



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

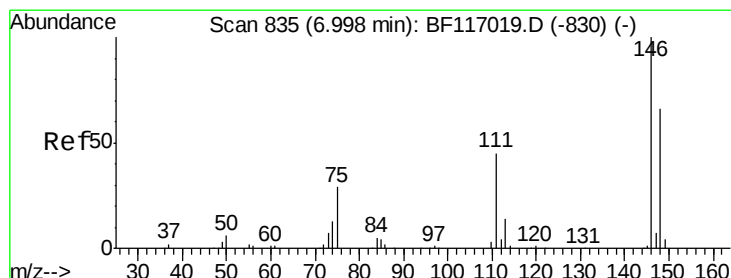
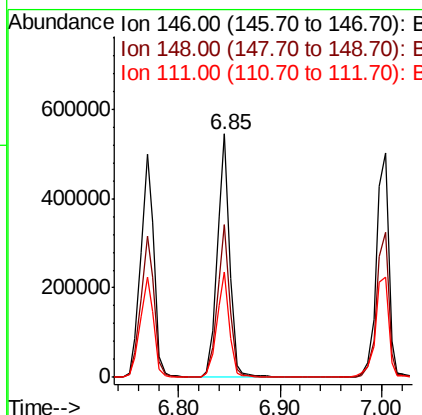
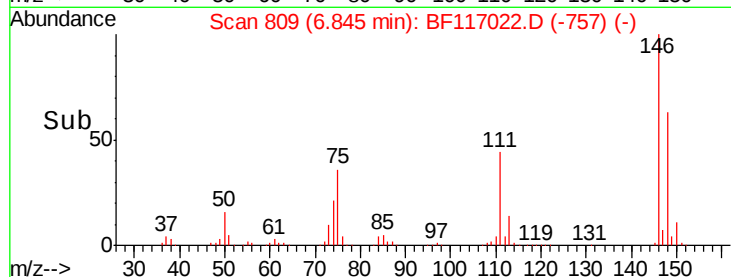
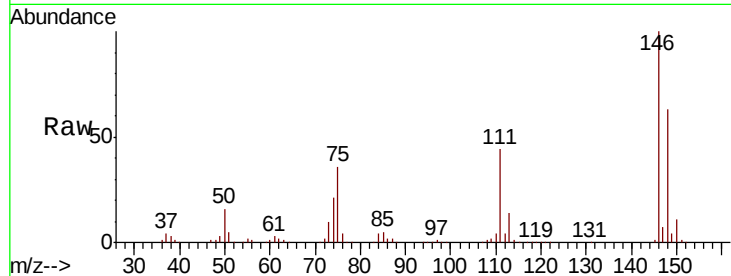




#13
 1,4-Dichlorobenzene
 Concen: 80.977 ng
 RT: 6.85 min Scan# 809
 Delta R.T. 0.01 min
 Lab File: BF117022.D
 Acq: 13 Sep 2019 14:41

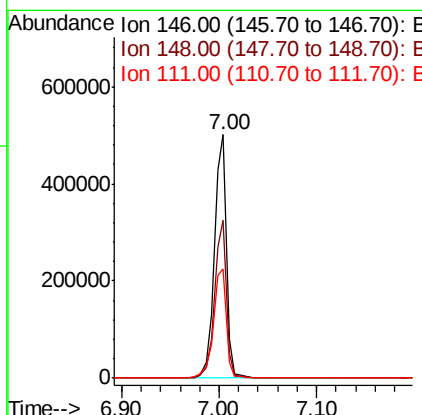
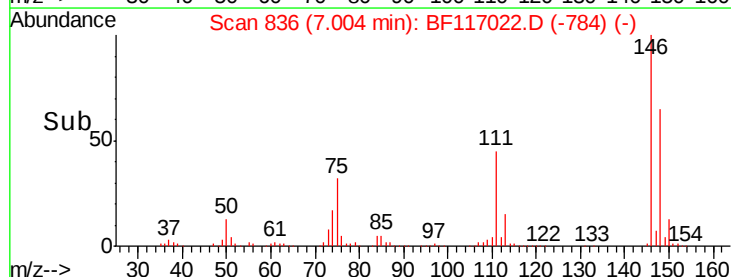
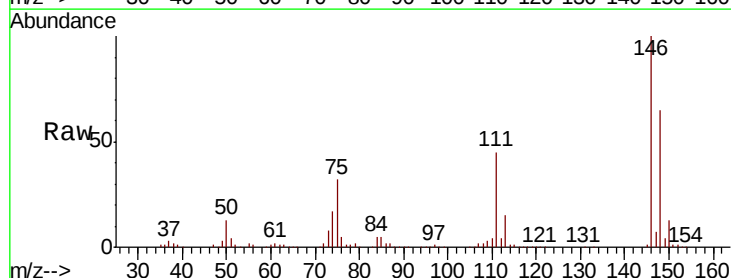
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

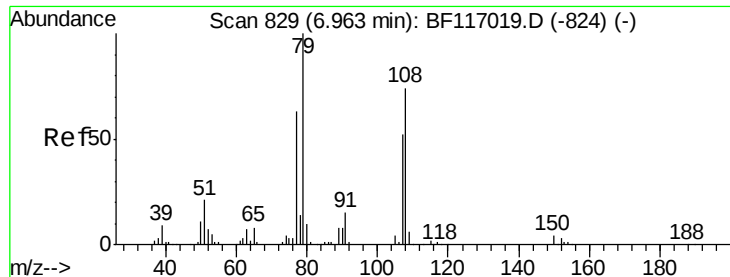
Tot Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.6	76.0
111	43.5	35.0	52.6



#14
 1,2-Dichlorobenzene
 Concen: 80.497 ng
 RT: 7.00 min Scan# 836
 Delta R.T. 0.01 min
 Lab File: BF117022.D
 Acq: 13 Sep 2019 14:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.6	78.8
111	44.6	36.2	54.2

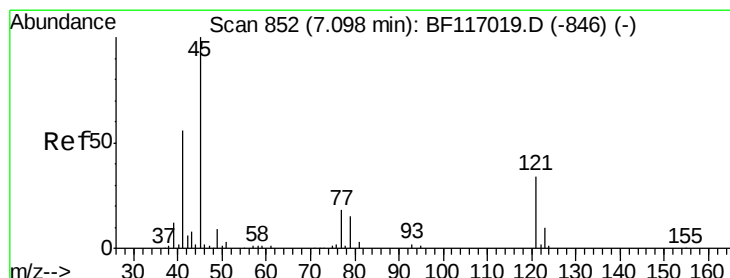
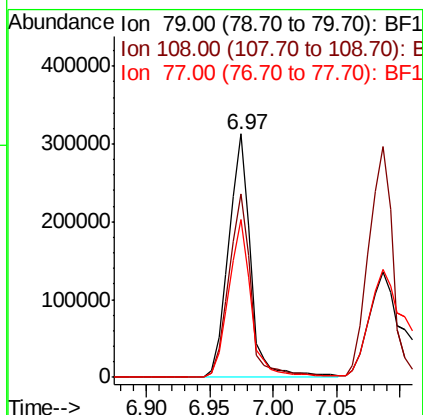
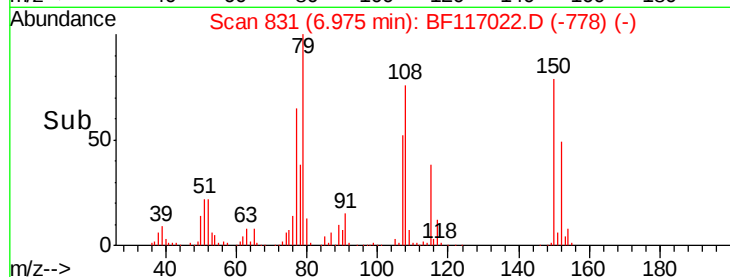
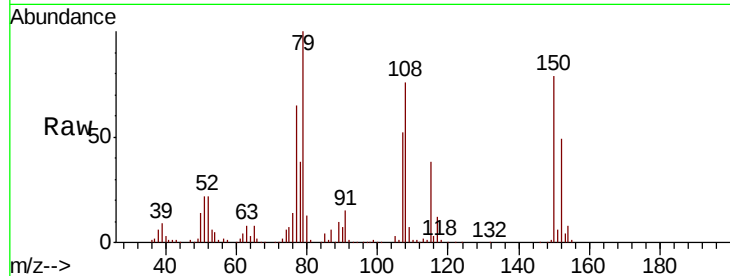




#15
Benzyl Alcohol
Concen: 75.259 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.01 min
Lab File: BF117022.D
Acq: 13 Sep 2019 14:41

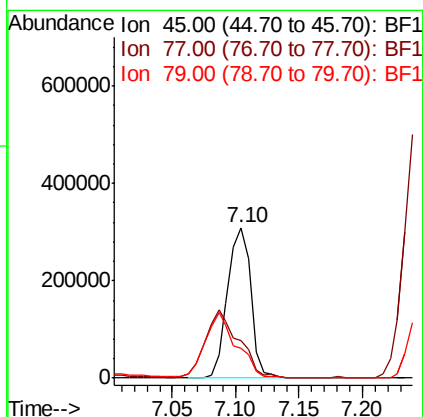
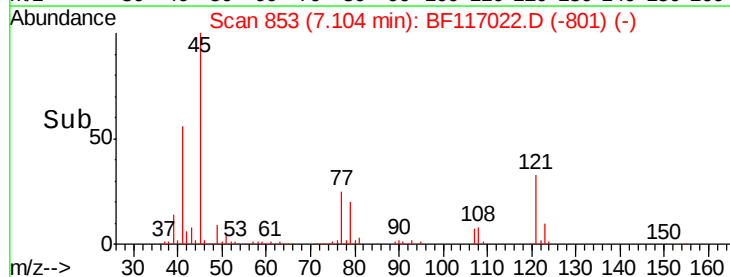
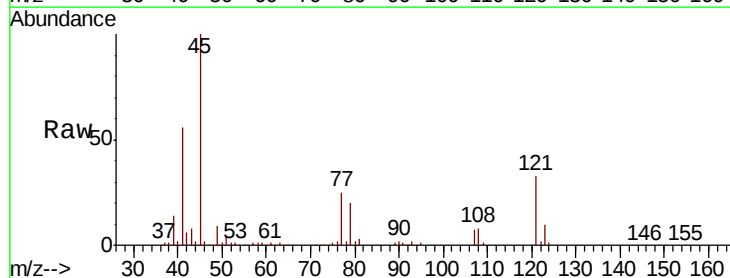
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

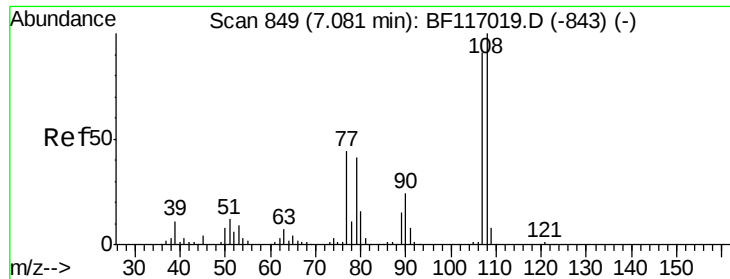
Tot Ion	Ratio	Lower	Upper
79	100		
108	75.5	59.4	89.0
77	65.0	50.2	75.2



#16
2,2'-oxybis(1-chloropropane)
Concen: 63.419 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.01 min
Lab File: BF117022.D
Acq: 13 Sep 2019 14:41

Tgt Ion	Ratio	Lower	Upper
45	100		
77	25.2	2.7	42.7
79	19.8	0.0	38.9

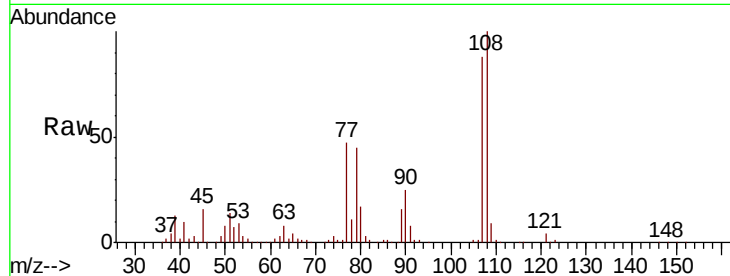




#17
2-Methylphenol
Concen: 76.389 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.01 min
Lab File: BF117022.D
Acq: 13 Sep 2019 14:41

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.0	87.7	131.5
77	53.4	38.6	58.0
79	51.8	36.8	55.2



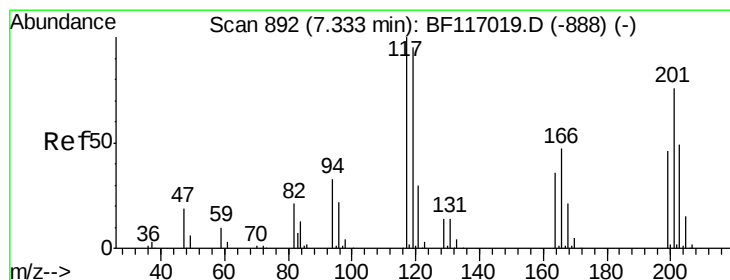
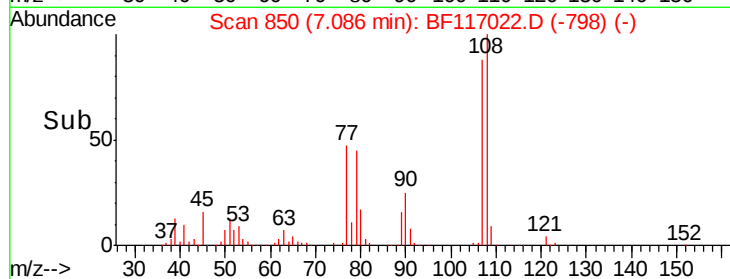
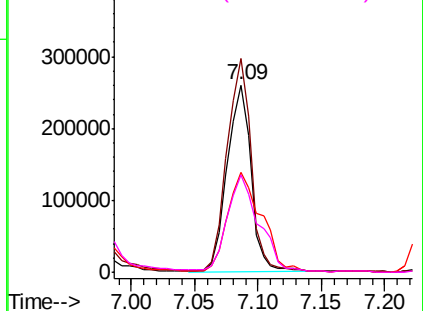
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

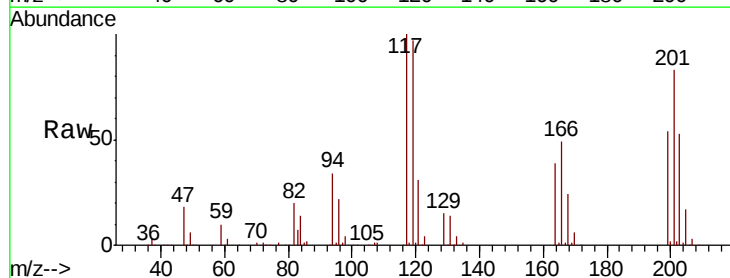
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 80.820 ng
RT: 7.34 min Scan# 893
Delta R.T. 0.01 min
Lab File: BF117022.D
Acq: 13 Sep 2019 14:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	75.8	113.8
201	83.4	60.9	91.3

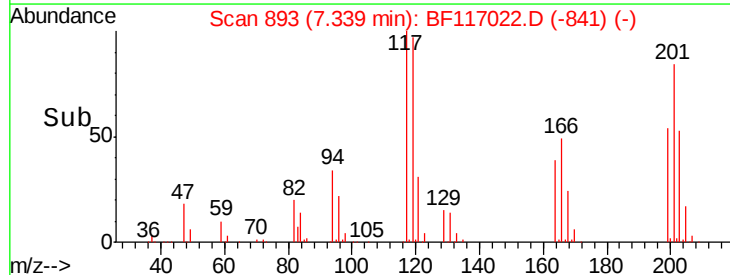
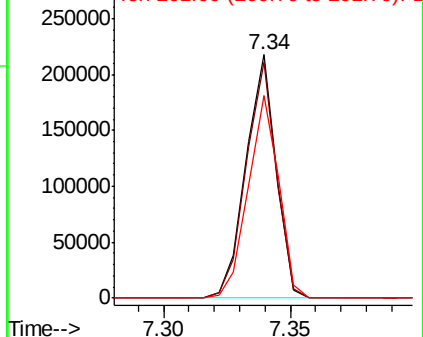


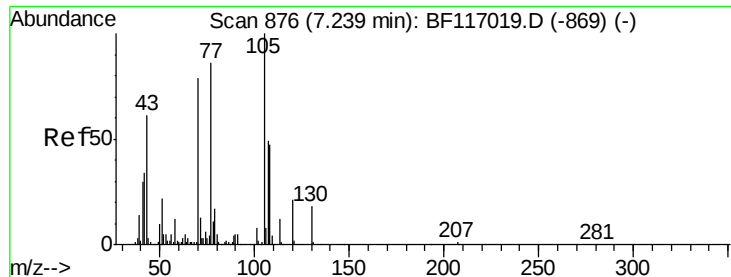
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

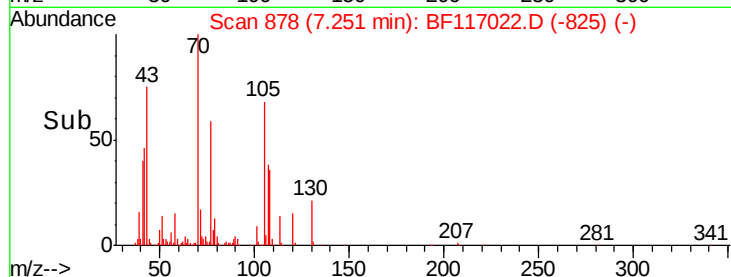
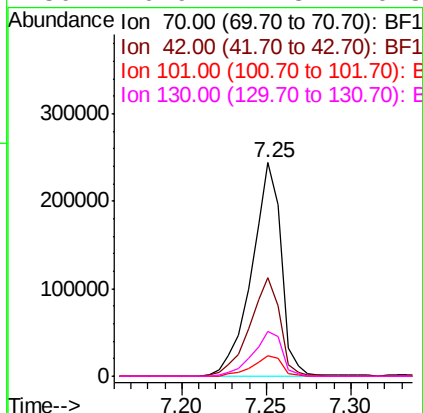
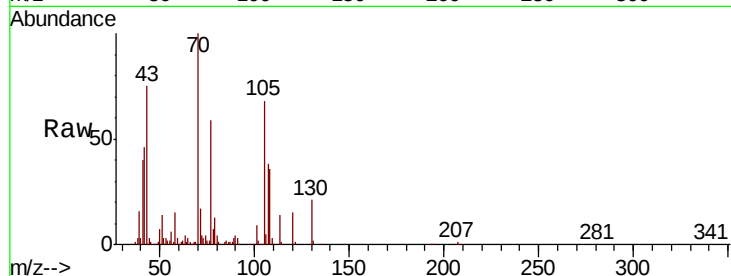




#19
n-Nitroso-di-n-propylamine
Concen: 73.943 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.01 min
Lab File: BF117022.D
Acq: 13 Sep 2019 14:41

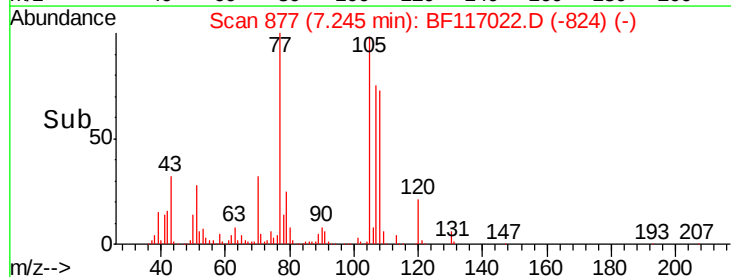
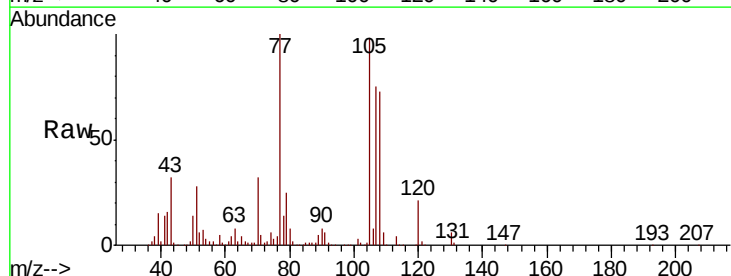
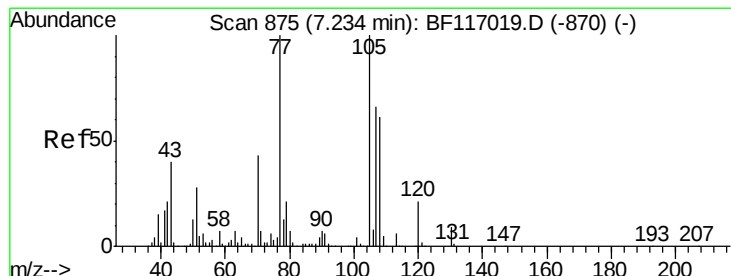
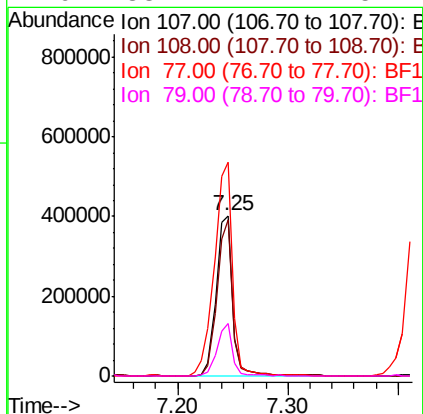
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

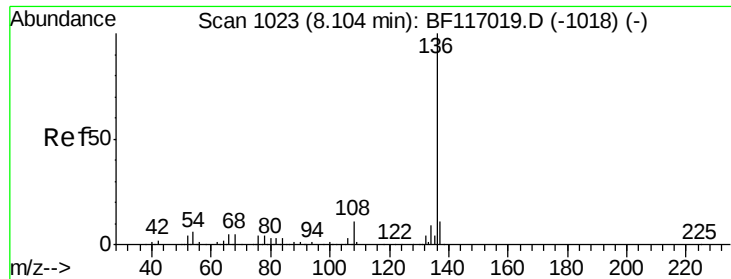
Tot Ion:	70	Resp:	297946
Ion	Ratio	Lower	Upper
70	100		
42	46.2	34.0	51.0
101	9.4	7.8	11.6
130	20.9	17.8	26.8



#20
3+4-Methylphenols
Concen: 79.616 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.01 min
Lab File: BF117022.D
Acq: 13 Sep 2019 14:41

Tgt Ion:	107	Resp:	412277
Ion	Ratio	Lower	Upper
107	100		
108	96.9	72.6	112.6
77	133.0	132.1	172.1
79	33.1	12.1	52.1

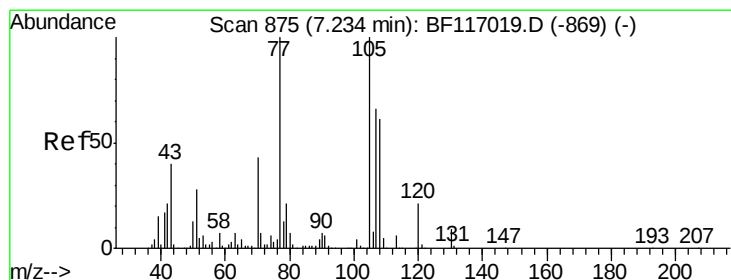
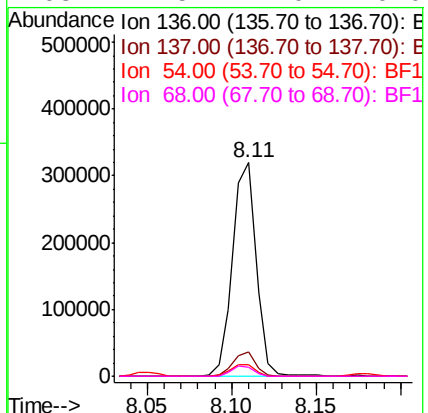
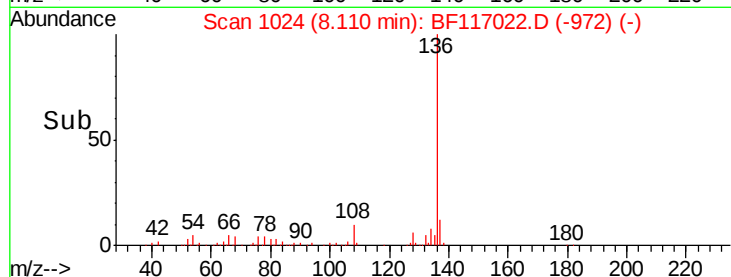
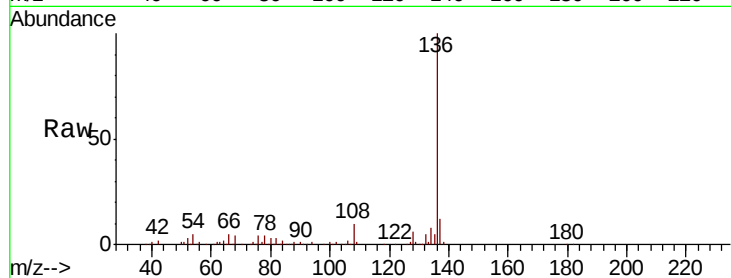




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.01 min
Lab File: BF117022.D
Acq: 13 Sep 2019 14:41

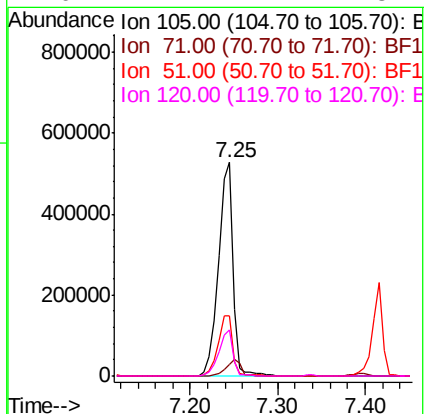
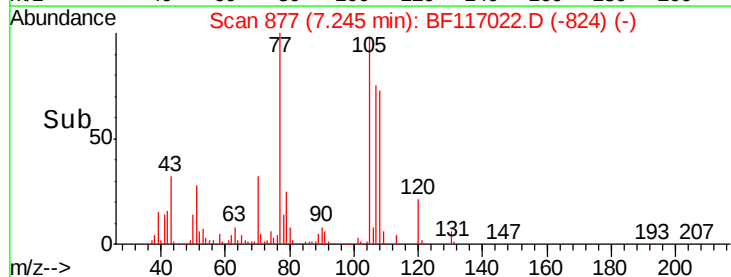
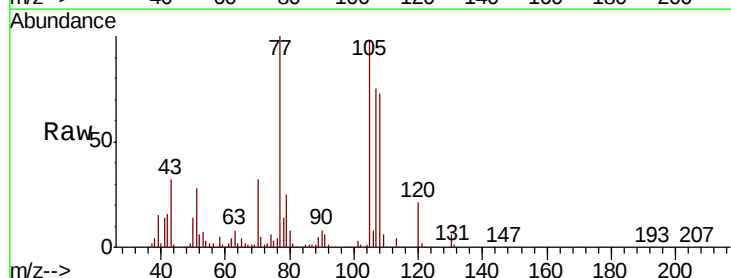
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

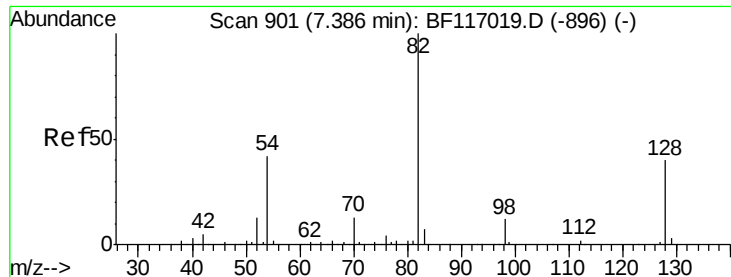
Tot Ion:136	Resp:	312096
Ion Ratio	Lower	Upper
136	100	
137	11.6	9.0 13.4
54	5.2	4.5 6.7
68	4.5	4.0 6.0



#22
Acetophenone
Concen: 81.682 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.01 min
Lab File: BF117022.D
Acq: 13 Sep 2019 14:41

Tgt Ion:105	Resp:	613735
Ion Ratio	Lower	Upper
105	100	
71	5.3	5.7 8.5#
51	28.2	22.1 33.1
120	21.4	17.1 25.7

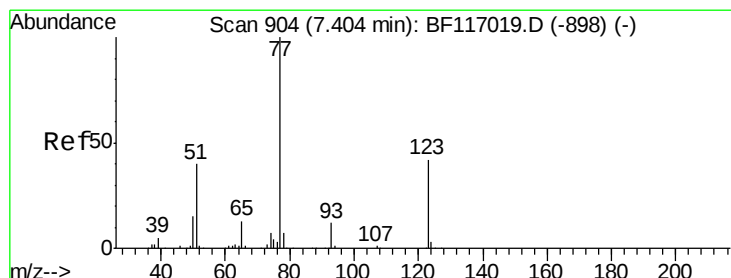
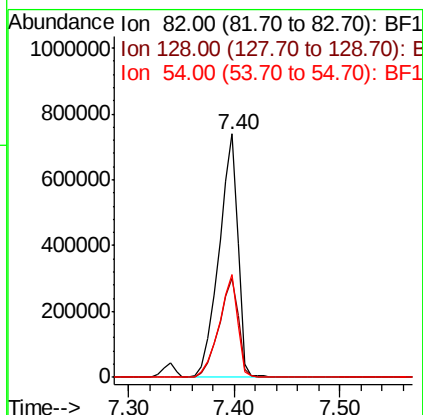
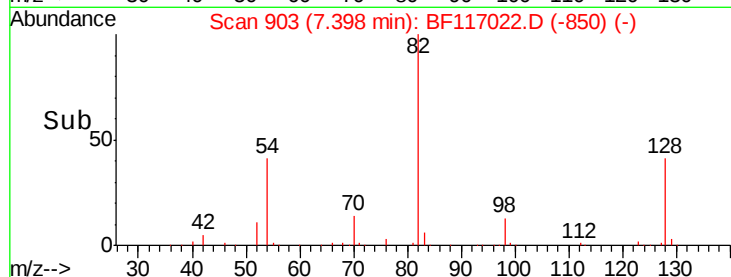
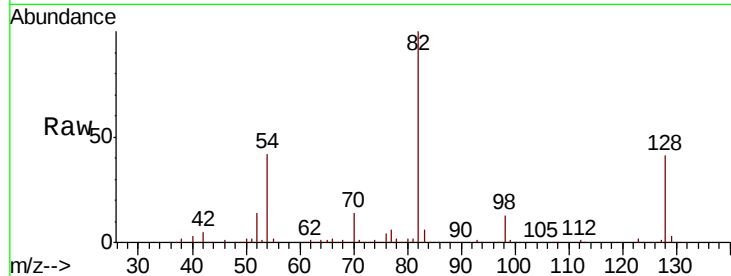




#23
Nitrobenzene-d5
Concen: 170.441 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.01 min
Lab File: BF117022.D
Acq: 13 Sep 2019 14:41

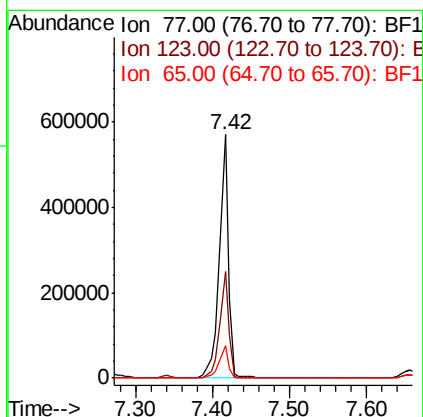
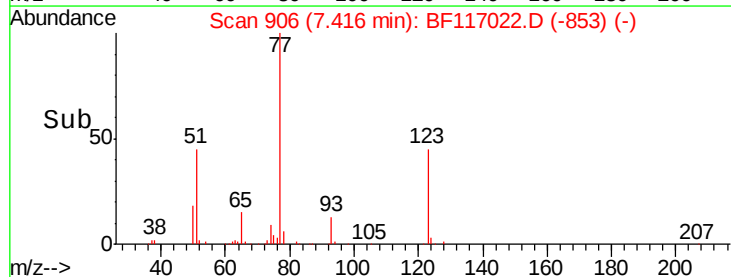
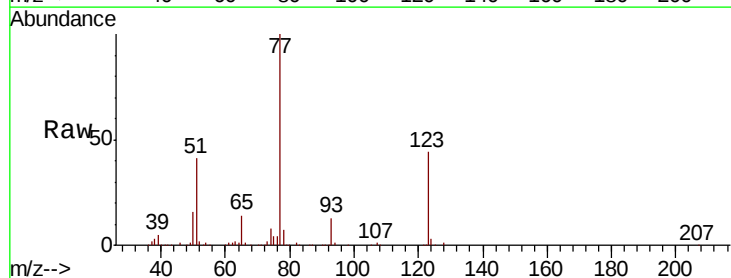
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

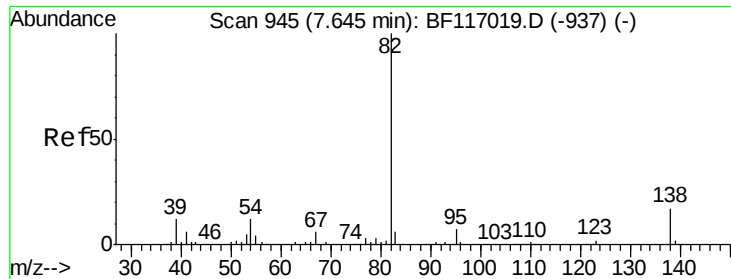
Tot Ion	82	Resp	931802
Ion Ratio	100	Lower	Upper
128	40.9	32.3	48.5
54	42.3	33.3	49.9



#24
Nitrobenzene
Concen: 83.018 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.01 min
Lab File: BF117022.D
Acq: 13 Sep 2019 14:41

Tgt Ion	77	Resp	461592
Ion Ratio	100	Lower	Upper
123	43.9	33.5	50.3
65	13.5	10.5	15.7





#25

Isophorone

Concen: 74.387 ng

RT: 7.66 min Scan# 947

Delta R.T. 0.01 min

Lab File: BF117022.D

Acq: 13 Sep 2019 14:41

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

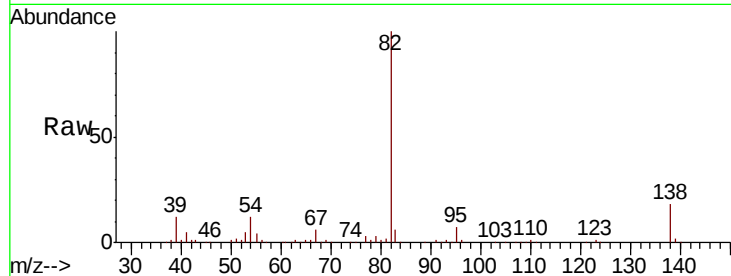
Tot Ion: 82 Resp: 824065

Ion Ratio Lower Upper

82 100

95 7.5 5.8 8.6

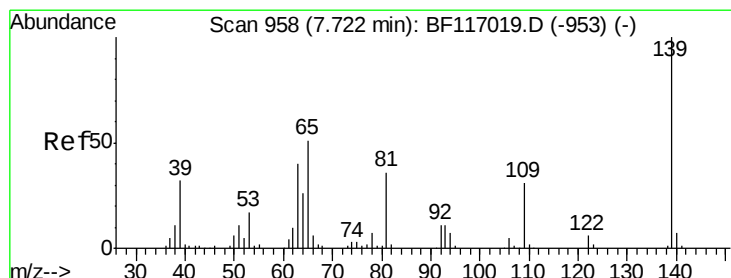
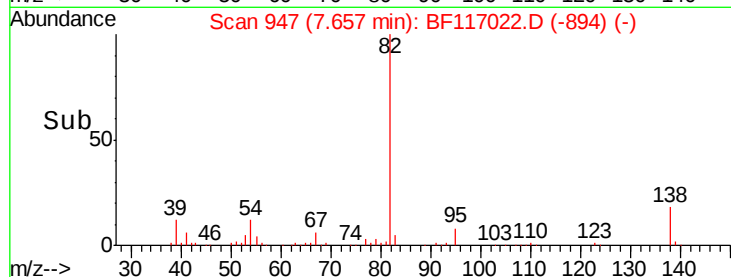
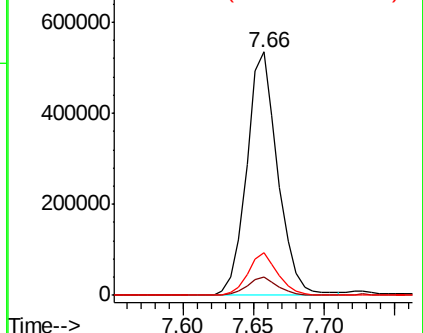
138 17.7 13.5 20.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 101.102 ng

RT: 7.73 min Scan# 959

Delta R.T. 0.01 min

Lab File: BF117022.D

Acq: 13 Sep 2019 14:41

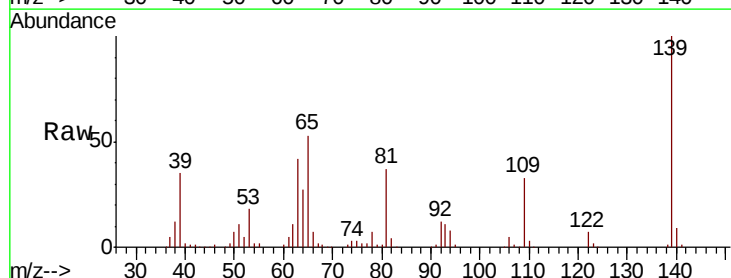
Tgt Ion: 139 Resp: 208995

Ion Ratio Lower Upper

139 100

109 33.5 24.6 36.8

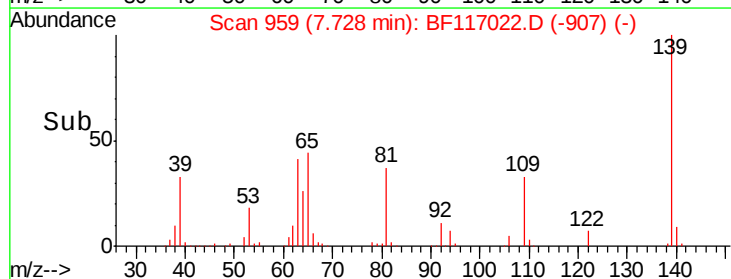
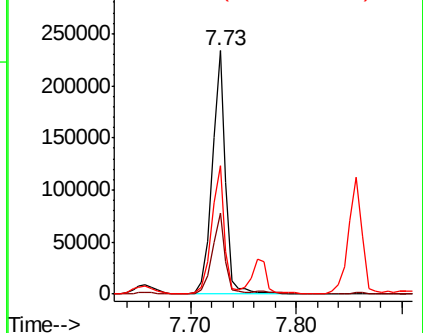
65 52.9 40.9 61.3

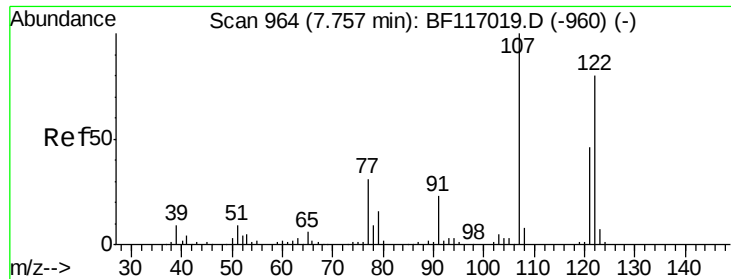


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

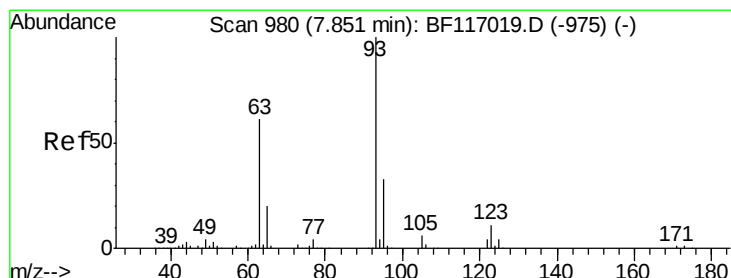
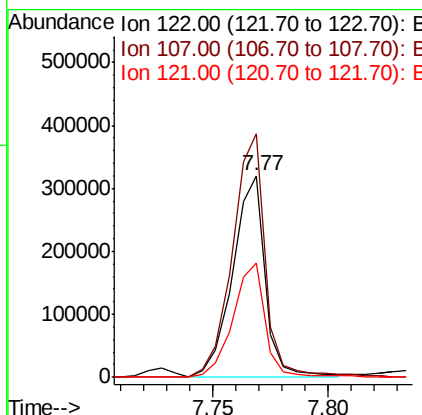
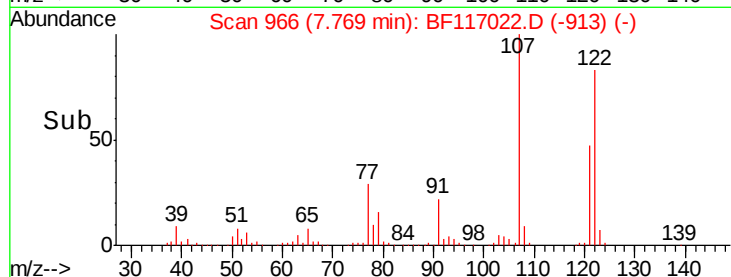
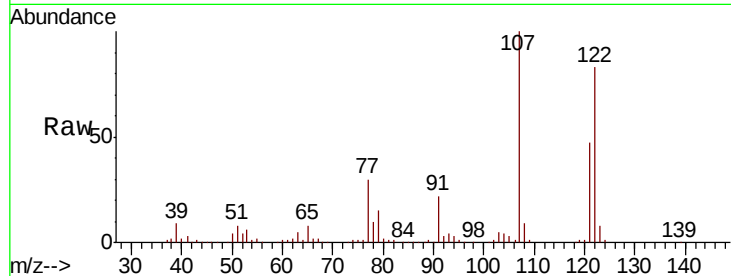




#27
 2,4-Dimethylphenol
 Concen: 75.129 ng
 RT: 7.77 min Scan# 966
 Delta R.T. 0.01 min
 Lab File: BF117022.D
 Acq: 13 Sep 2019 14:41

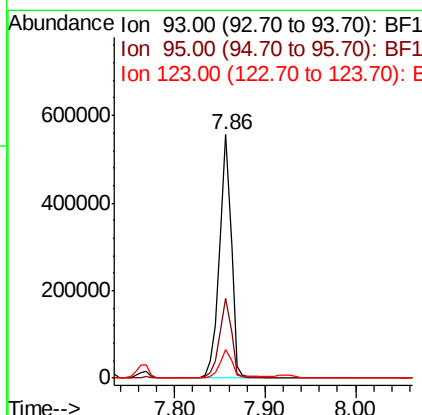
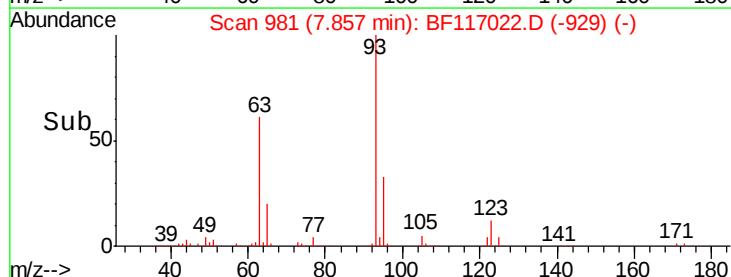
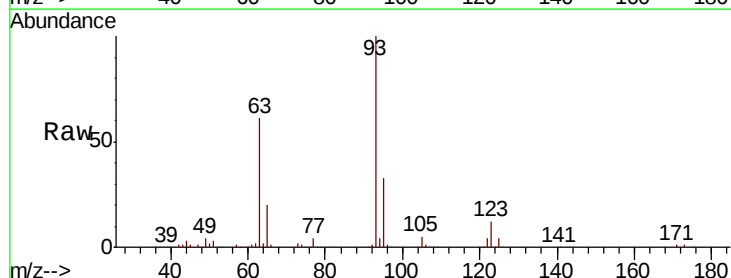
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

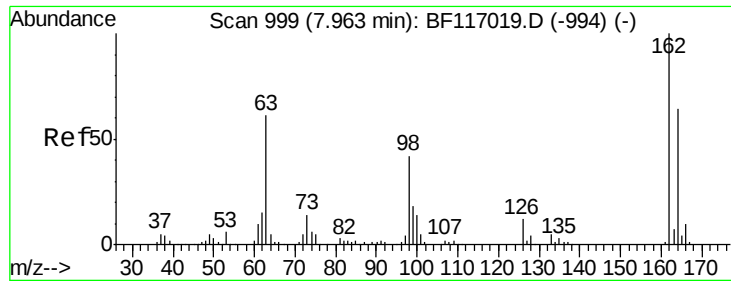
Tot Ion:122 Resp: 313650
 Ion Ratio Lower Upper
 122 100
 107 120.8 98.9 148.3
 121 56.8 45.3 67.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 73.588 ng
 RT: 7.86 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: BF117022.D
 Acq: 13 Sep 2019 14:41

Tgt Ion: 93 Resp: 498170
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.2 39.4
 123 11.7 9.0 13.6

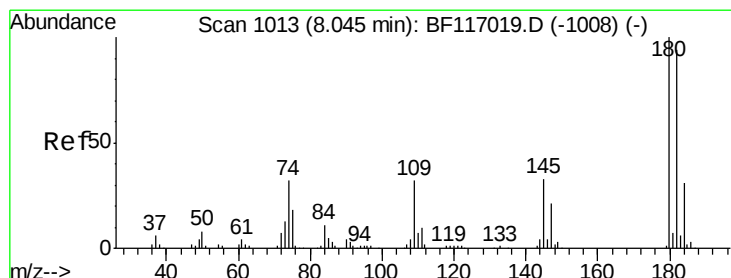
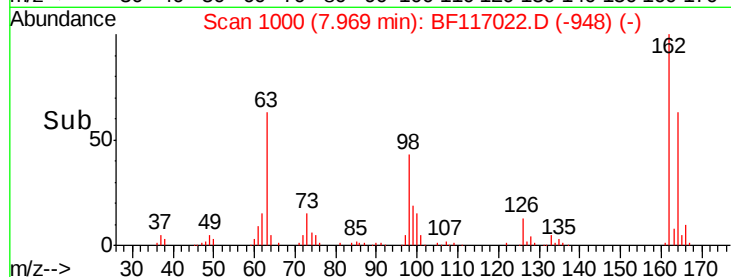
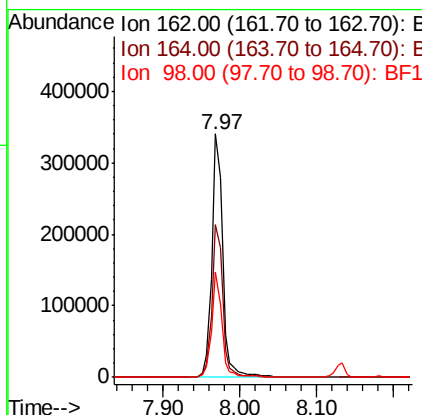
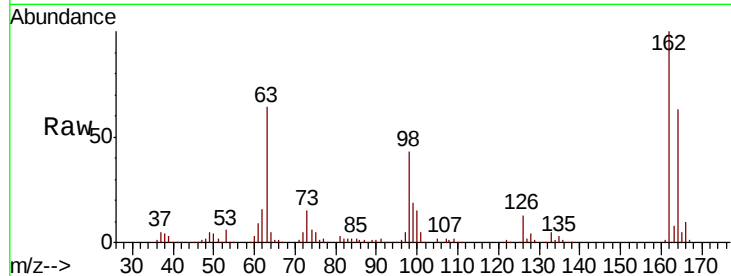




#29
 2,4-Dichlorophenol
 Concen: 81.499 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. 0.01 min
 Lab File: BF117022.D
 Acq: 13 Sep 2019 14:41

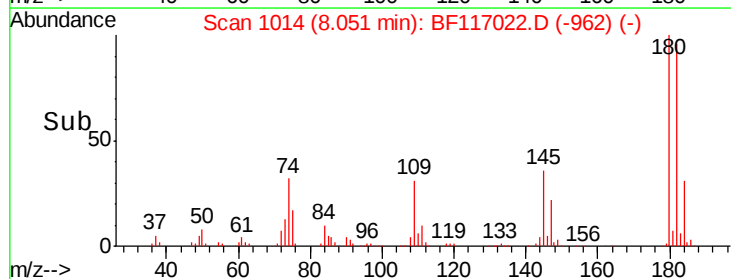
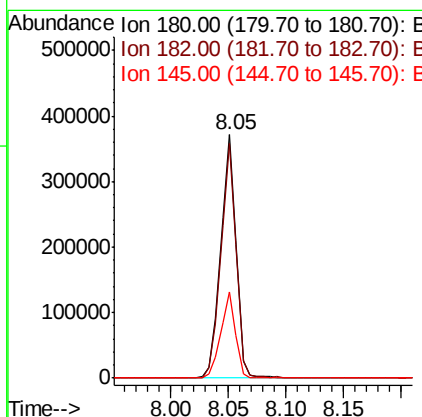
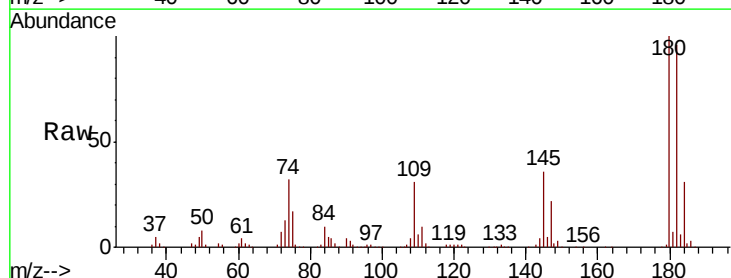
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

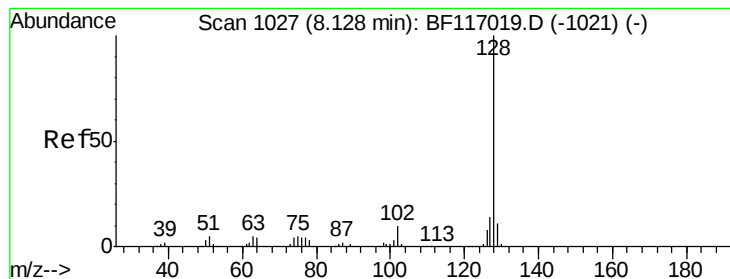
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.8	43.8	83.8
98	43.1	22.1	62.1



#30
 1,2,4-Trichlorobenzene
 Concen: 79.419 ng
 RT: 8.05 min Scan# 1014
 Delta R.T. 0.01 min
 Lab File: BF117022.D
 Acq: 13 Sep 2019 14:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	75.4	113.0
145	35.6	26.7	40.1





#31

Naphthalene

Concen: 77.002 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.01 min

Lab File: BF117022.D

Acq: 13 Sep 2019 14:41

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

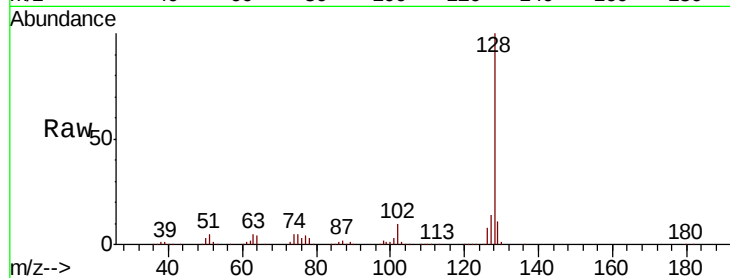
Tot Ion:128 Resp: 1142742

Ion Ratio Lower Upper

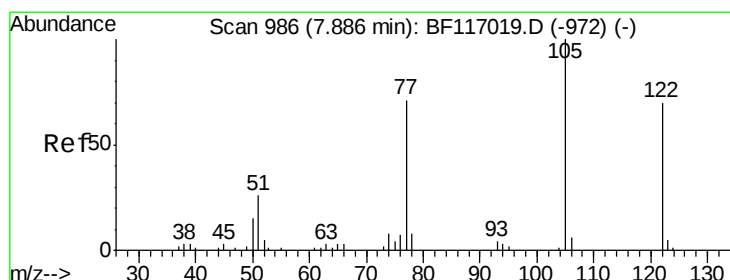
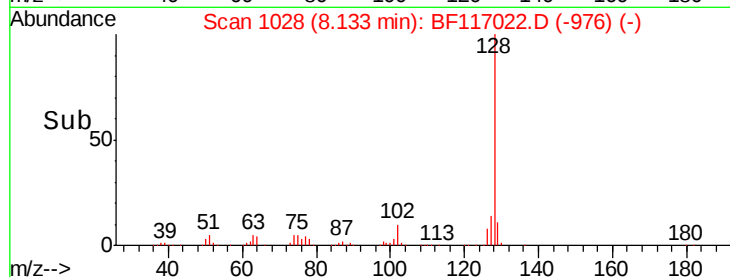
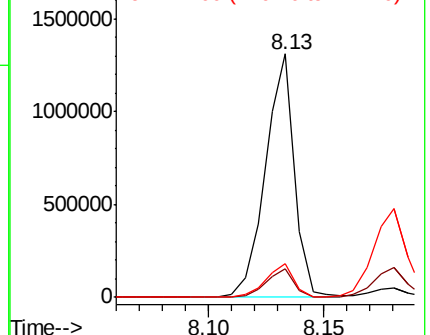
128 100

129 11.5 9.0 13.4

127 13.7 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 109.405 ng

RT: 7.93 min Scan# 993

Delta R.T. 0.04 min

Lab File: BF117022.D

Acq: 13 Sep 2019 14:41

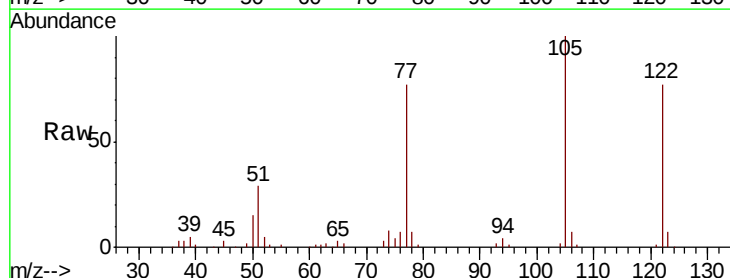
Tgt Ion:122 Resp: 257898

Ion Ratio Lower Upper

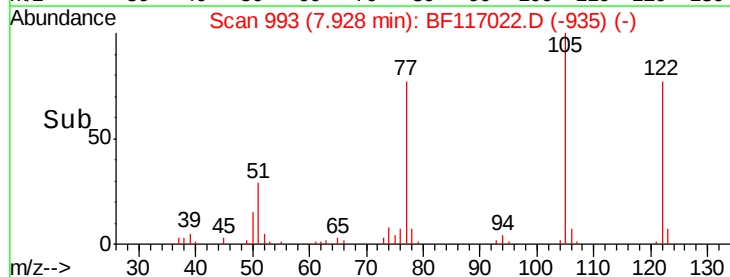
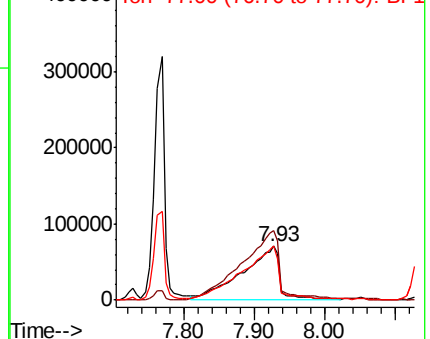
122 100

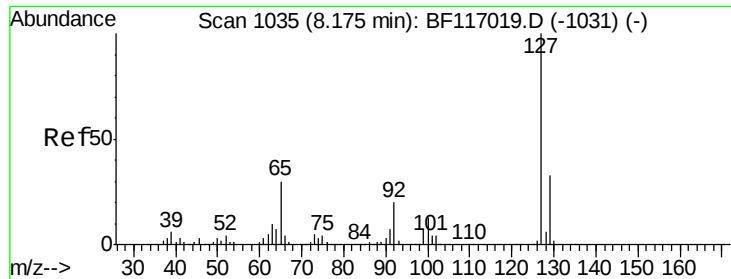
105 129.7 114.8 154.8

77 100.3 78.7 118.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

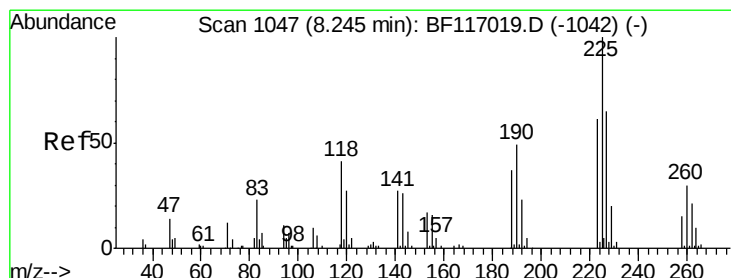
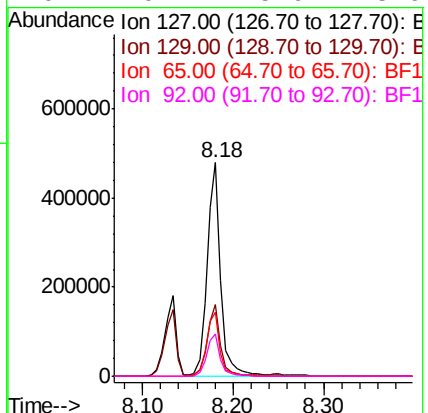
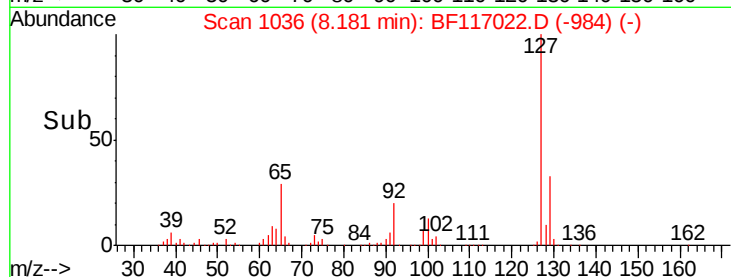
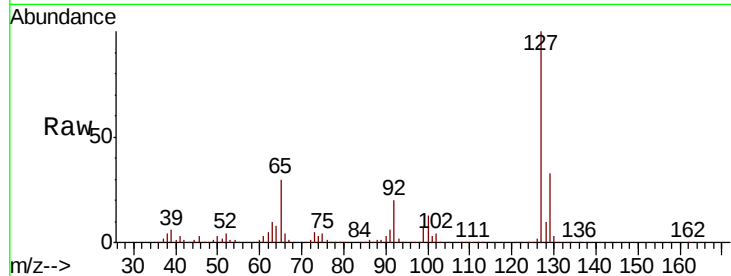




#33
4-Chloroaniline
Concen: 75.298 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.01 min
Lab File: BF117022.D
Acq: 13 Sep 2019 14:41

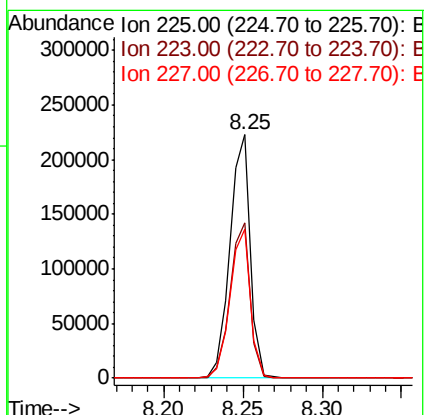
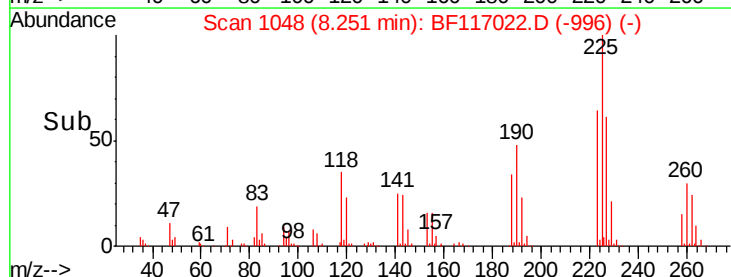
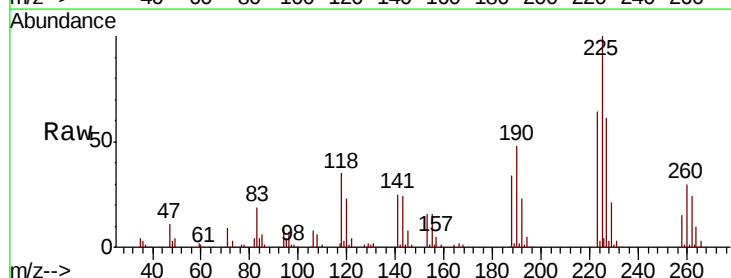
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

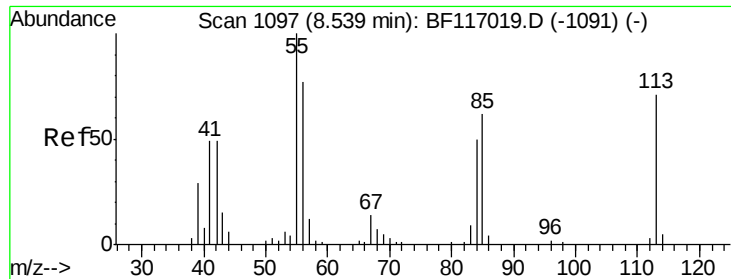
Tot Ion:	127	Resp:	508666
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.2	39.2
65	30.0	23.5	35.3
92	19.7	15.9	23.9



#34
Hexachlorobutadiene
Concen: 83.683 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.01 min
Lab File: BF117022.D
Acq: 13 Sep 2019 14:41

Tgt Ion:	225	Resp:	198559
Ion	Ratio	Lower	Upper
225	100		
223	63.6	49.1	73.7
227	61.4	52.2	78.2

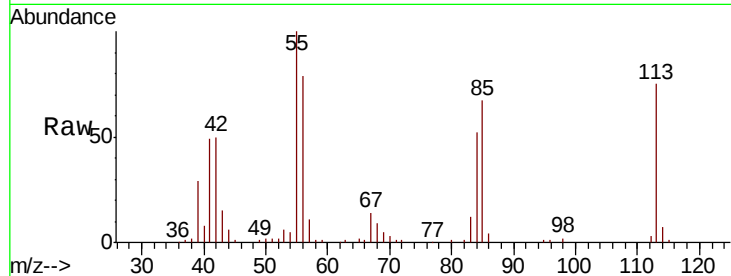




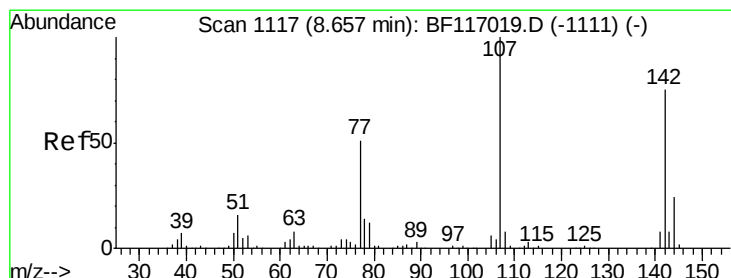
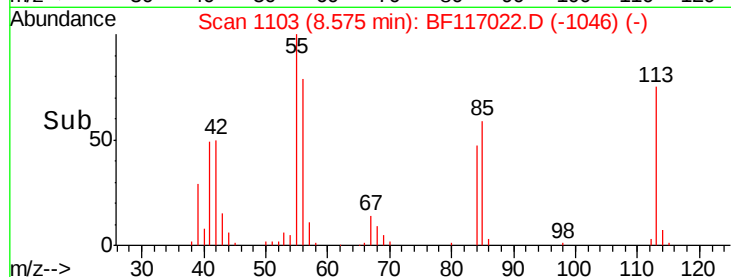
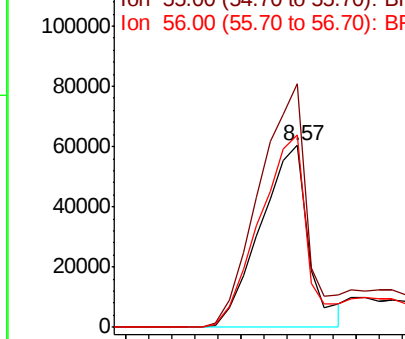
#35
 Caprolactam
 Concen: 57.818 ng
 RT: 8.57 min Scan# 1103
 Delta R.T. 0.04 min
 Lab File: BF117022.D
 Acq: 13 Sep 2019 14:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:113 Resp: 86815
 Ion Ratio Lower Upper
 113 100
 55 133.9 120.6 160.6
 56 105.9 88.8 128.8

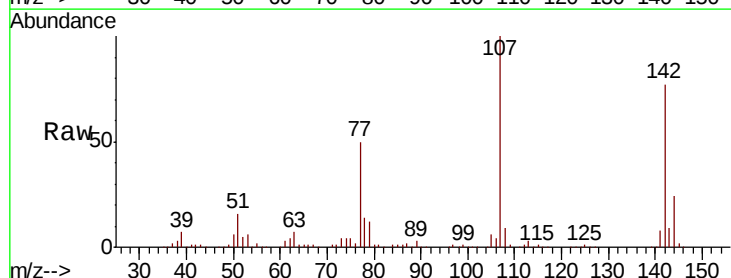


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

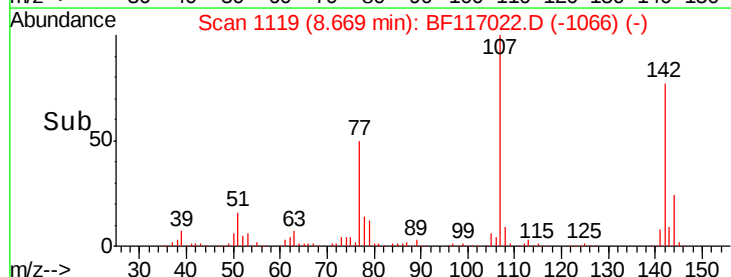
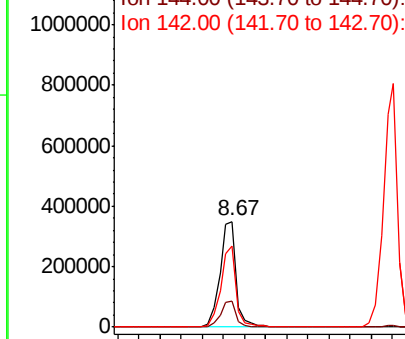


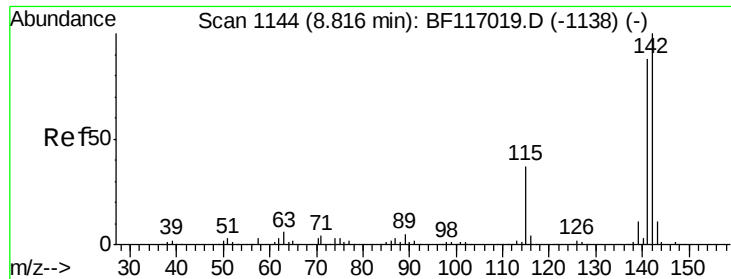
#36
 4-Chloro-3-methylphenol
 Concen: 81.954 ng
 RT: 8.67 min Scan# 1119
 Delta R.T. 0.01 min
 Lab File: BF117022.D
 Acq: 13 Sep 2019 14:41

Tgt Ion:107 Resp: 377915
 Ion Ratio Lower Upper
 107 100
 144 24.4 19.2 28.8
 142 76.9 59.6 89.4



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

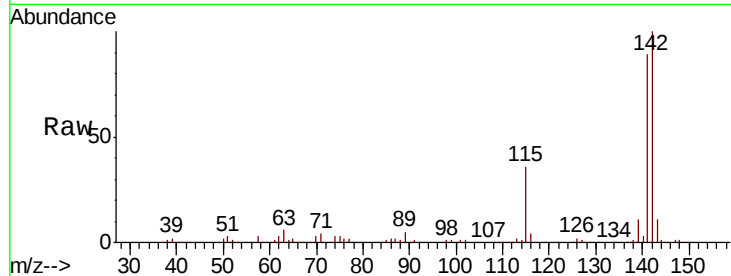




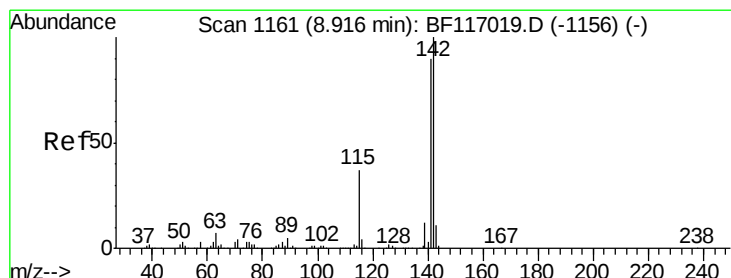
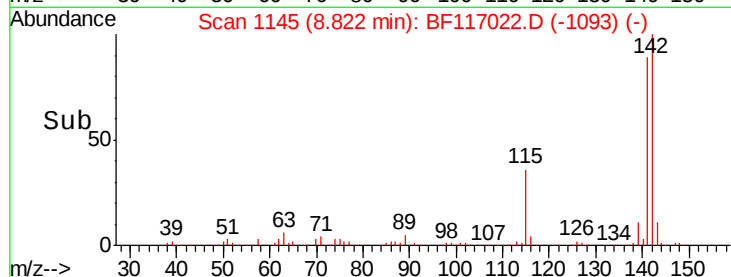
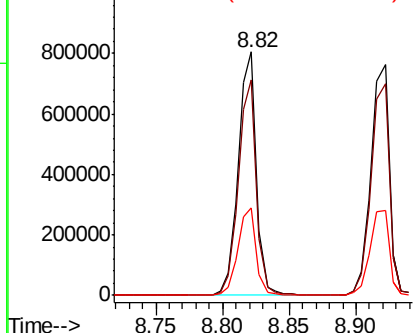
#37
2-Methylnaphthalene
Concen: 77.596 ng
RT: 8.82 min Scan# 1145
Delta R.T. 0.01 min
Lab File: BF117022.D
Acq: 13 Sep 2019 14:41

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:142 Resp: 766192
Ion Ratio Lower Upper
142 100
141 88.7 70.7 106.1
115 36.0 29.4 44.0

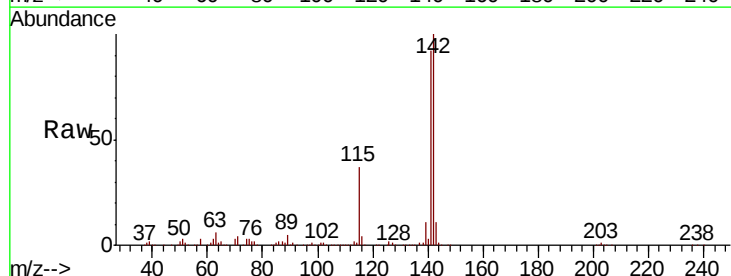


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

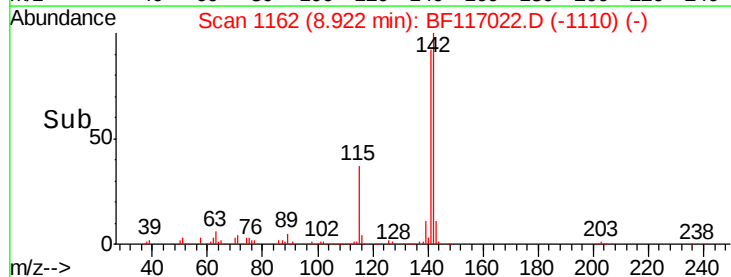
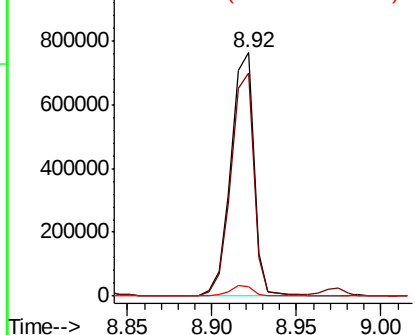


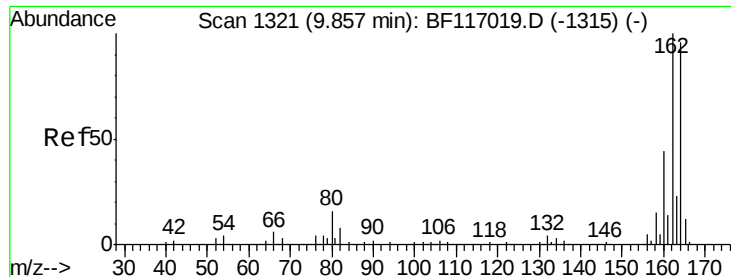
#38
1-Methylnaphthalene
Concen: 77.163 ng
RT: 8.92 min Scan# 1162
Delta R.T. 0.01 min
Lab File: BF117022.D
Acq: 13 Sep 2019 14:41

Tgt Ion:142 Resp: 719251
Ion Ratio Lower Upper
142 100
141 91.6 71.9 107.9
116 3.8 3.2 4.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.00 min

Lab File: BF117022.D

Acq: 13 Sep 2019 14:41

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

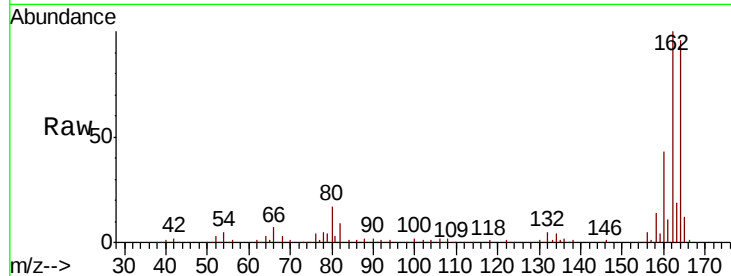
Tot Ion:164 Resp: 158789

Ion Ratio Lower Upper

164 100

162 104.3 83.4 125.2

160 44.6 36.4 54.6

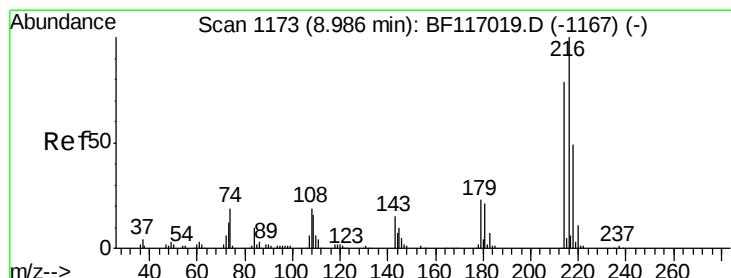
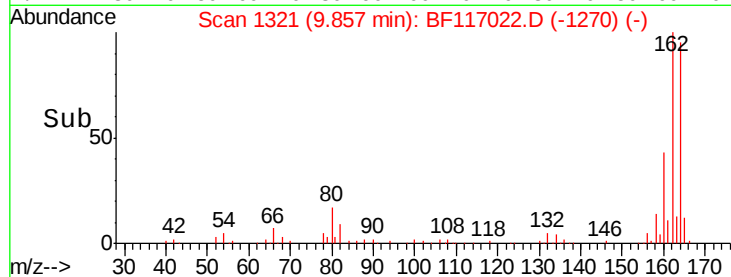
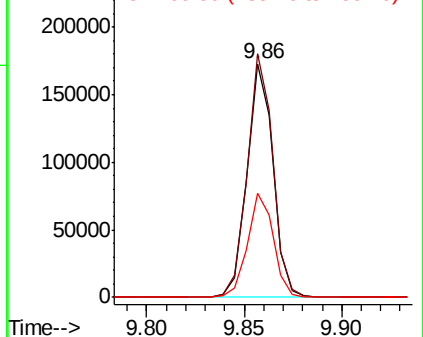


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 80.479 ng

RT: 8.99 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BF117022.D

Acq: 13 Sep 2019 14:41

Tgt Ion:216 Resp: 306342

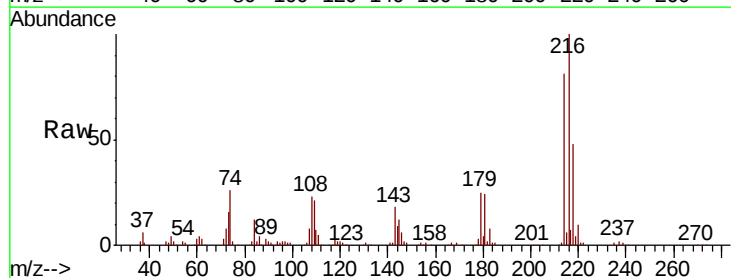
Ion Ratio Lower Upper

216 100

214 80.4 63.6 95.4

179 24.3 18.3 27.5

108 23.2 17.8 26.6



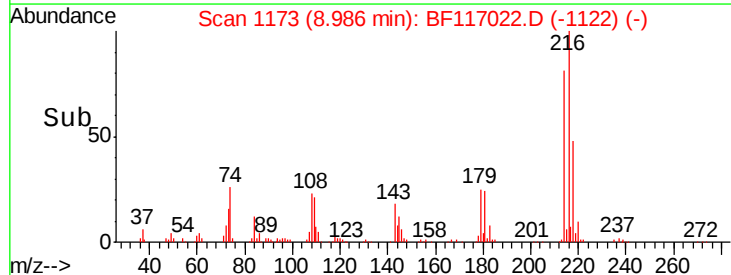
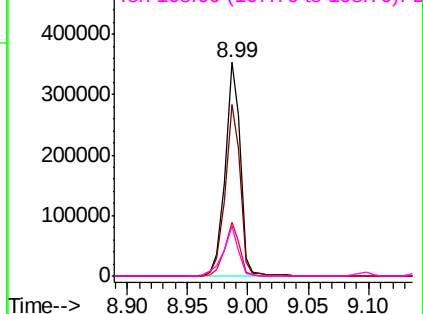
Abundance

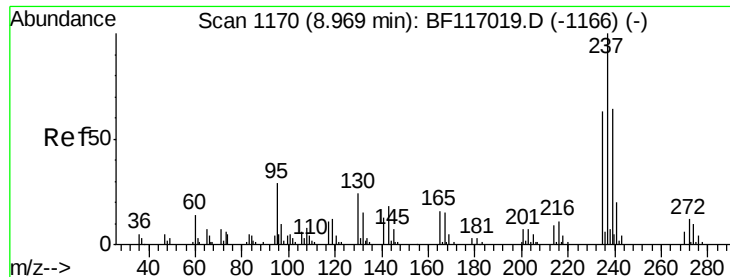
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 65.259 ng

RT: 8.97 min Scan# 1171

Delta R.T. 0.01 min

Lab File: BF117022.D

Acq: 13 Sep 2019 14:41

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

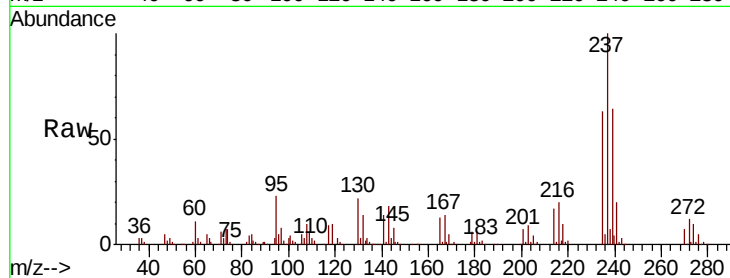
Tot Ion:237 Resp: 143447

Ion Ratio Lower Upper

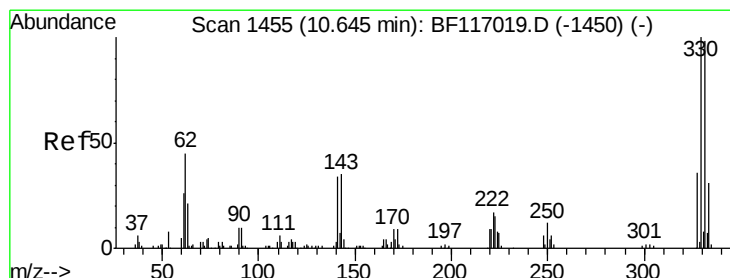
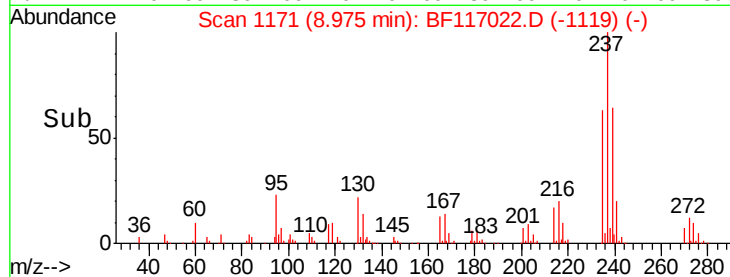
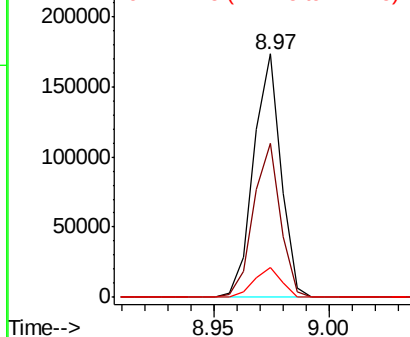
237 100

235 63.1 43.2 83.2

272 12.2 0.0 31.9



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 195.329 ng

RT: 10.65 min Scan# 1456

Delta R.T. 0.01 min

Lab File: BF117022.D

Acq: 13 Sep 2019 14:41

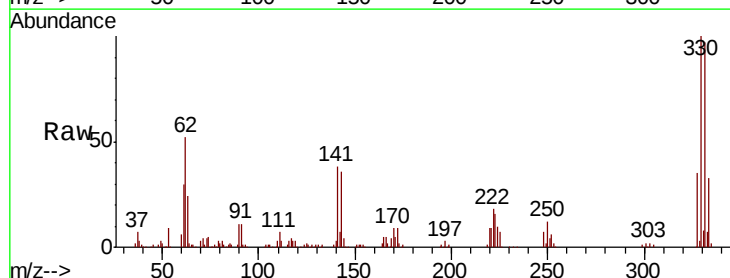
Tgt Ion:330 Resp: 207349

Ion Ratio Lower Upper

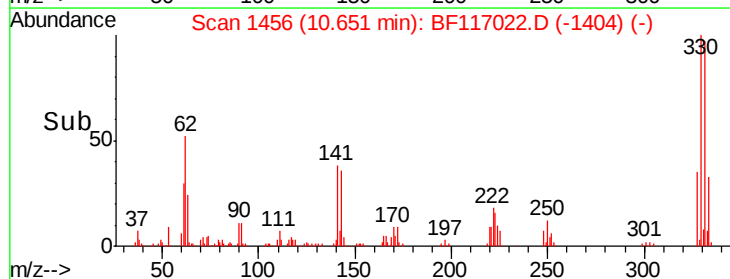
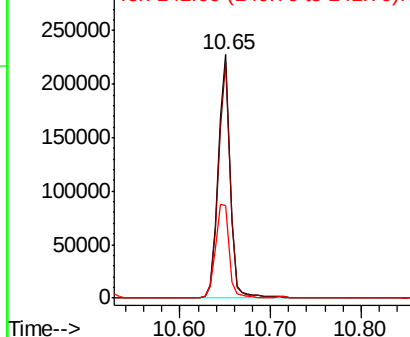
330 100

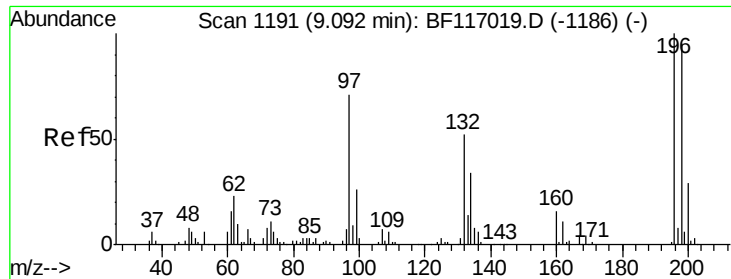
332 96.1 78.0 117.0

141 44.1 35.8 53.6



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

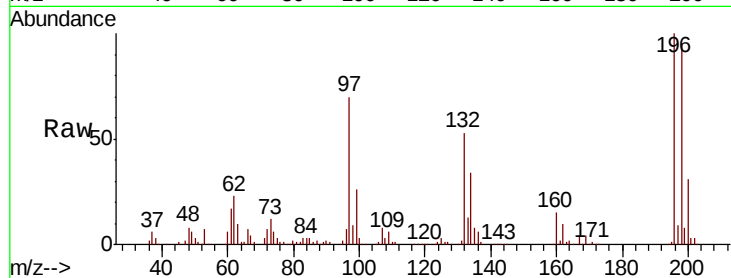




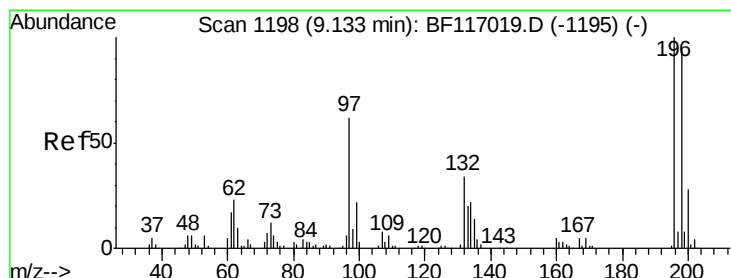
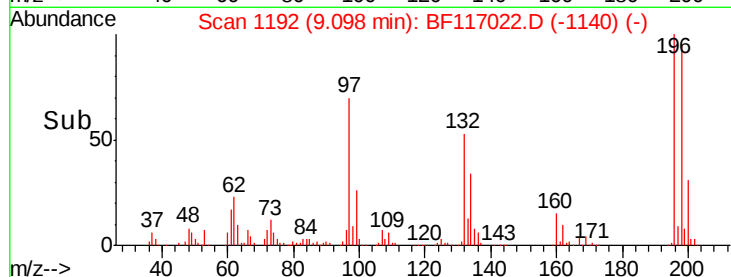
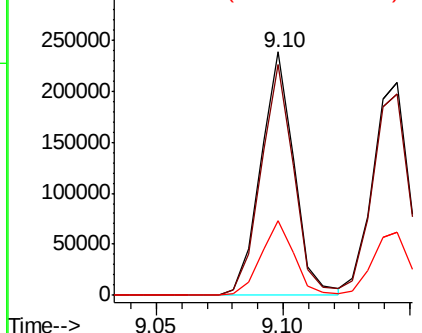
#43
 2,4,6-Trichlorophenol
 Concen: 83.885 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.01 min
 Lab File: BF117022.D
 Acq: 13 Sep 2019 14:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:196 Resp: 218882
 Ion Ratio Lower Upper
 196 100
 198 95.0 75.7 113.5
 200 30.8 23.3 34.9



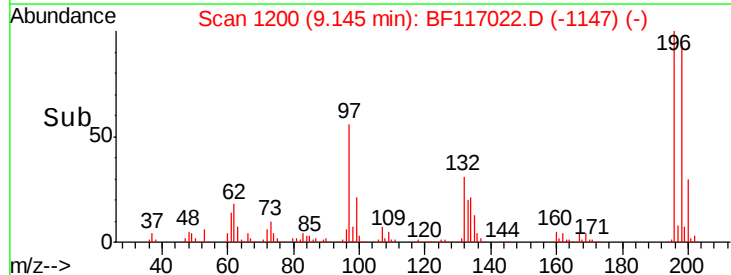
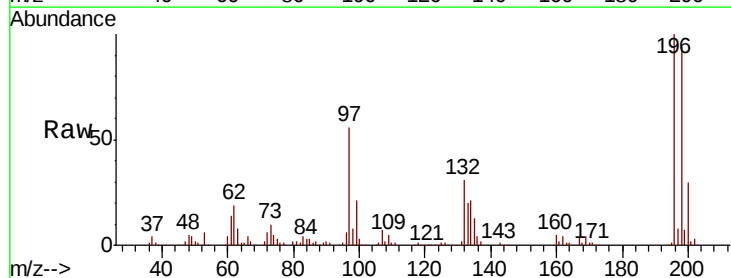
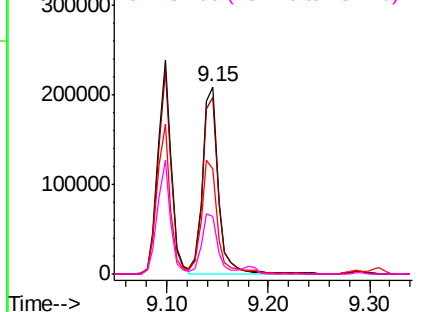
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

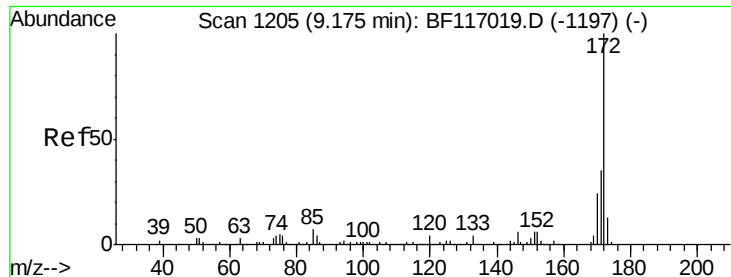


#44
 2,4,5-Trichlorophenol
 Concen: 83.110 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.01 min
 Lab File: BF117022.D
 Acq: 13 Sep 2019 14:41

Tgt Ion:196 Resp: 225140
 Ion Ratio Lower Upper
 196 100
 198 94.1 74.6 112.0
 97 56.0 49.5 74.3
 132 30.7 27.4 41.2

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

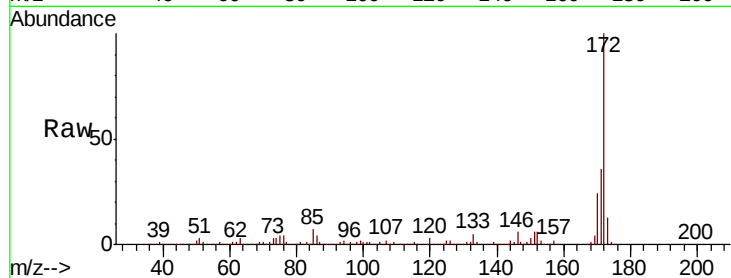




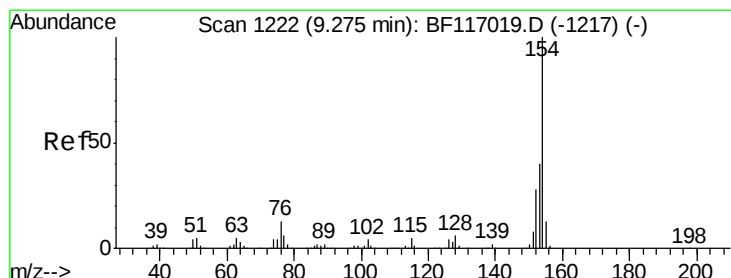
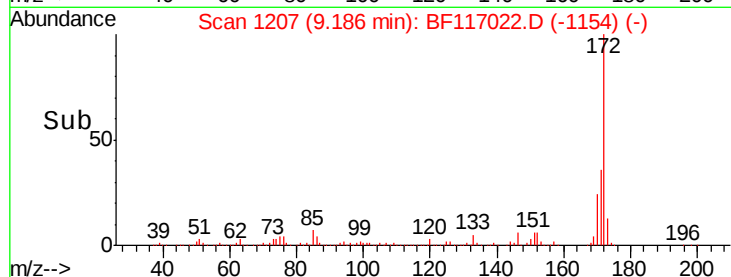
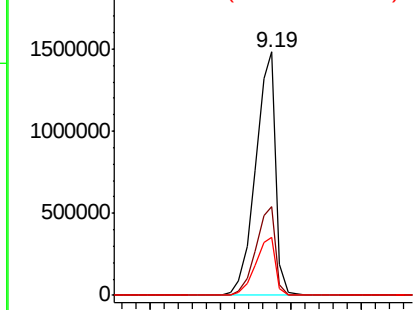
#45
2-Fluorobiphenyl
Concen: 157.279 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.01 min
Lab File: BF117022.D
Acq: 13 Sep 2019 14:41

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:172 Resp: 1480483
Ion Ratio Lower Upper
172 100
171 36.2 28.2 42.2
170 24.1 18.9 28.3

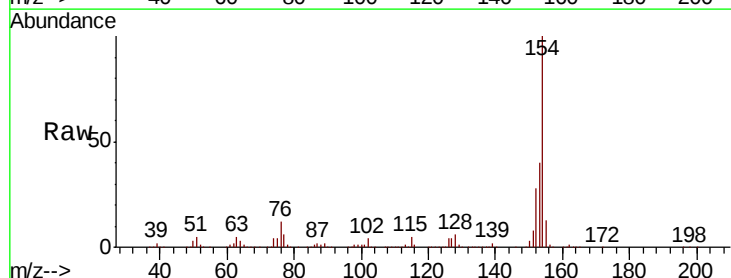


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

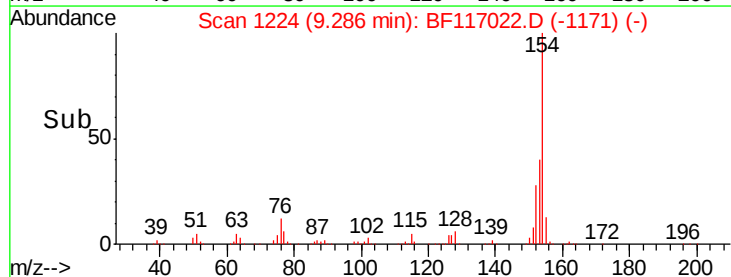
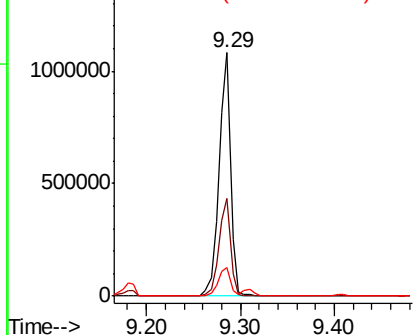


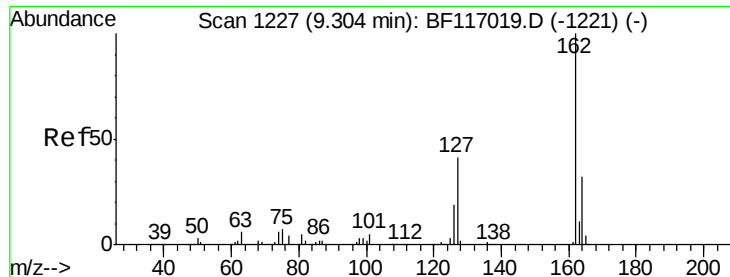
#46
1,1'-Biphenyl
Concen: 77.086 ng
RT: 9.29 min Scan# 1224
Delta R.T. 0.01 min
Lab File: BF117022.D
Acq: 13 Sep 2019 14:41

Tgt Ion:154 Resp: 928818
Ion Ratio Lower Upper
154 100
153 40.2 20.0 60.0
76 11.6 0.0 32.7



Abundance Ion 154.00 (153.70 to 154.70): E
1500000 Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

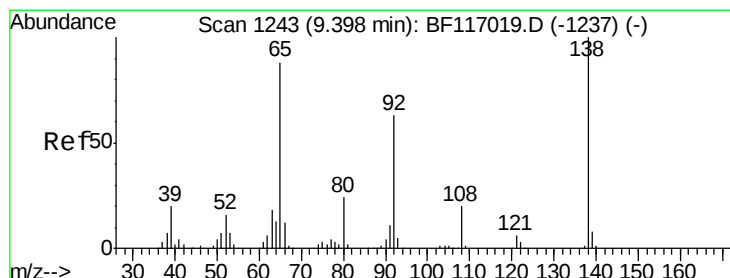
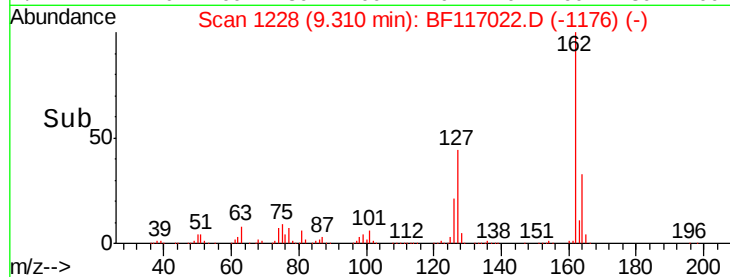
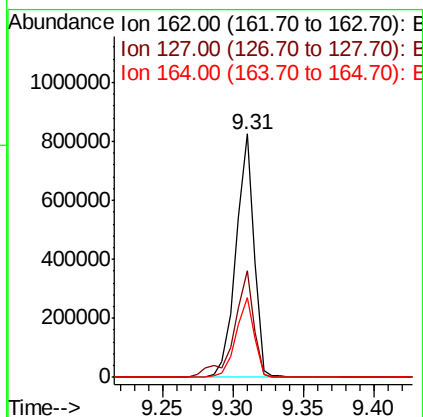
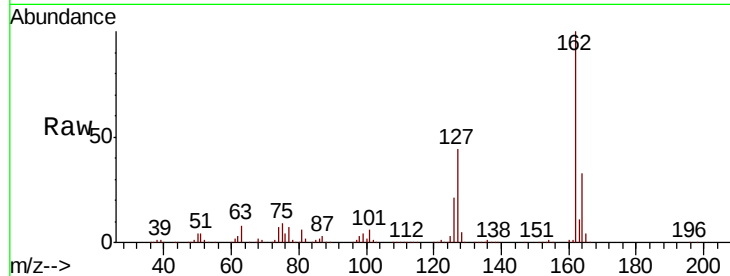




#47
2-Chloronaphthalene
Concen: 77.320 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.01 min
Lab File: BF117022.D
Acq: 13 Sep 2019 14:41

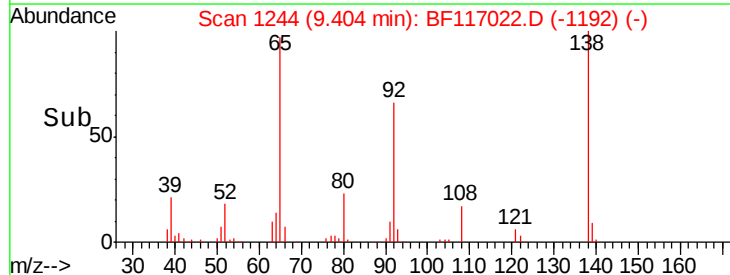
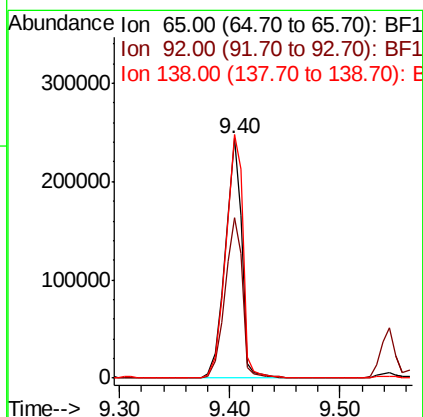
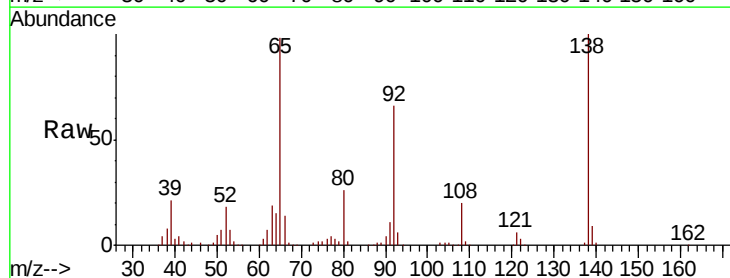
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

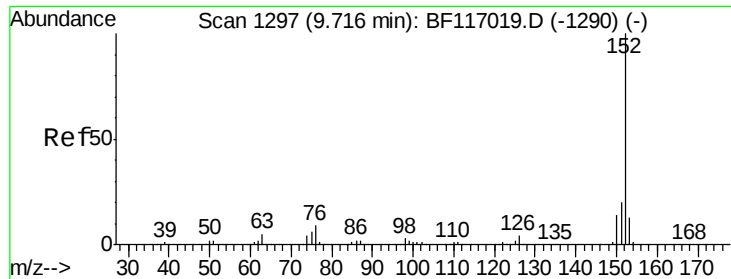
Tot Ion	Ratio	Lower	Upper
162	100		
127	43.8	34.1	51.1
164	32.9	25.9	38.9



#48
2-Nitroaniline
Concen: 92.500 ng
RT: 9.40 min Scan# 1244
Delta R.T. 0.01 min
Lab File: BF117022.D
Acq: 13 Sep 2019 14:41

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.2	57.5	86.3
138	101.8	90.6	136.0





#49

Acenaphthylene

Concen: 76.778 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BF117022.D

Acq: 13 Sep 2019 14:41

Instrument :

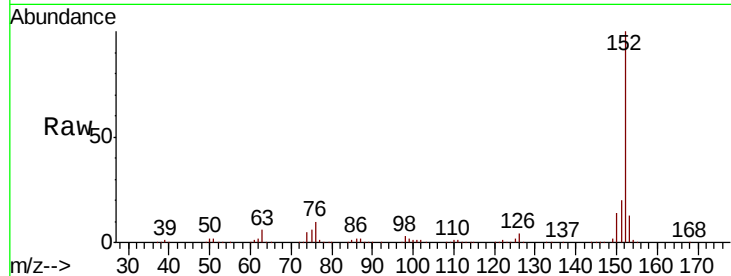
BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:152 Resp: 1107598

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.2
153	13.3	10.2	15.4

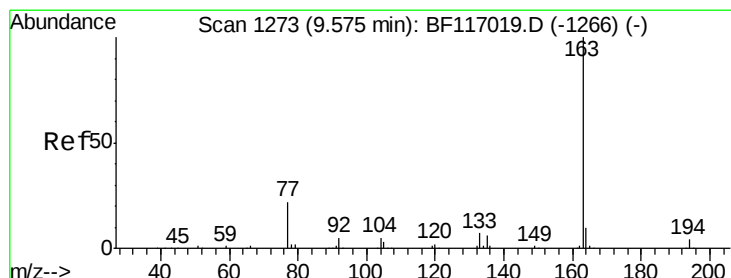
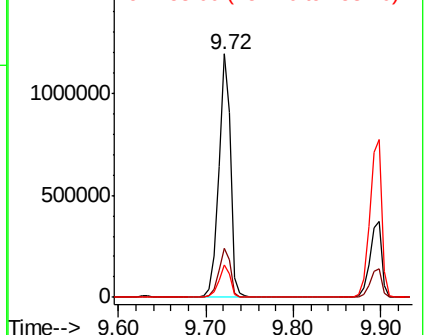
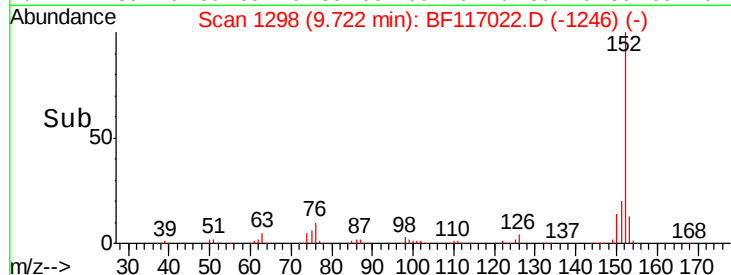


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 78.707 ng

RT: 9.59 min Scan# 1275

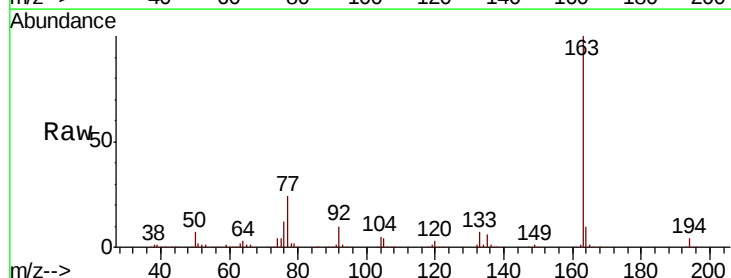
Delta R.T. 0.01 min

Lab File: BF117022.D

Acq: 13 Sep 2019 14:41

Tgt Ion:163 Resp: 862840

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.9	4.3
164	10.2	8.2	12.4

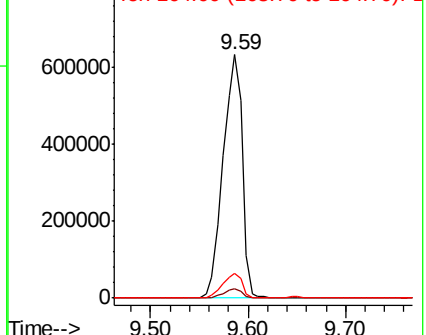
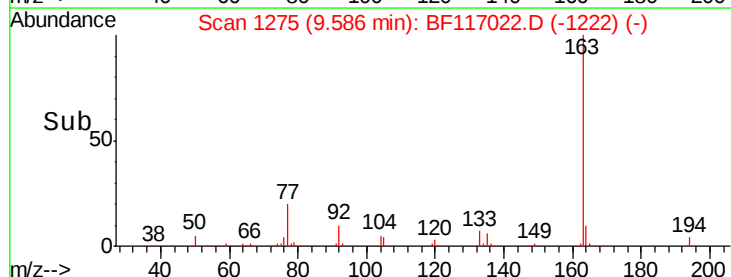


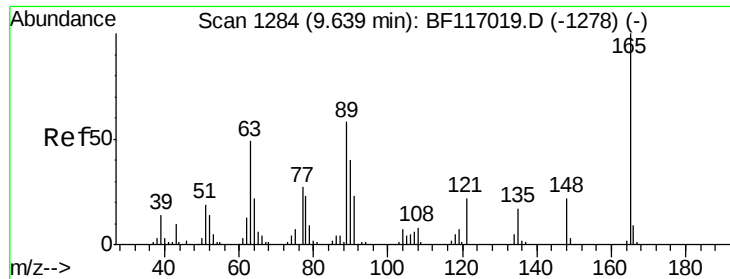
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 87.855 ng

RT: 9.65 min Scan# 1286

Delta R.T. 0.01 min

Lab File: BF117022.D

Acq: 13 Sep 2019 14:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

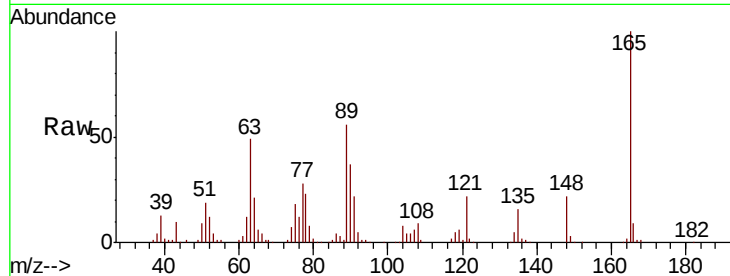
Tot Ion:165 Resp: 183759

Ion Ratio Lower Upper

165 100

63 48.5 41.8 62.8

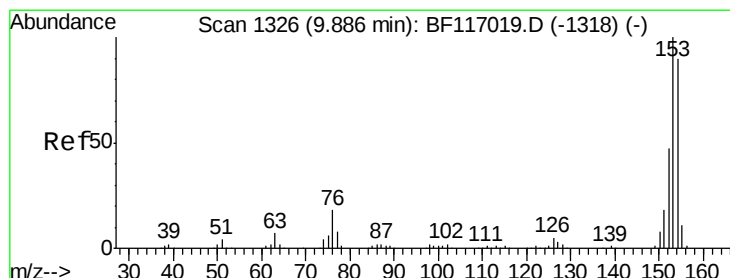
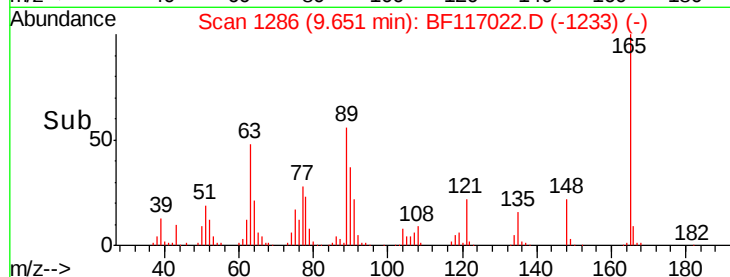
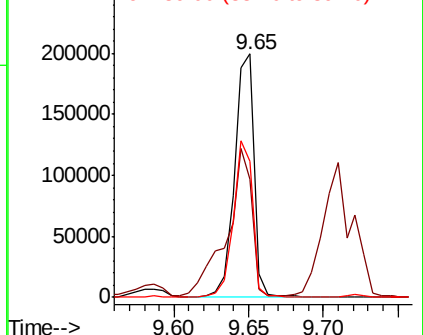
89 56.0 46.5 69.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 74.125 ng

RT: 9.90 min Scan# 1328

Delta R.T. 0.01 min

Lab File: BF117022.D

Acq: 13 Sep 2019 14:41

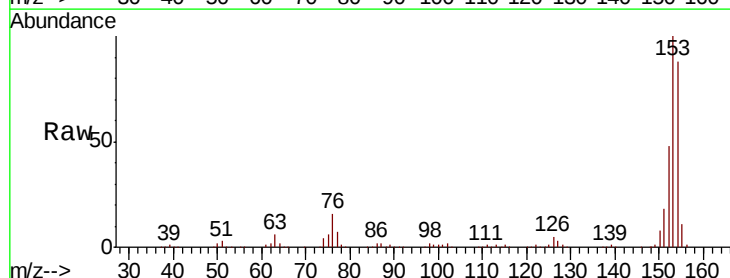
Tgt Ion:154 Resp: 657029

Ion Ratio Lower Upper

154 100

153 113.2 89.0 133.6

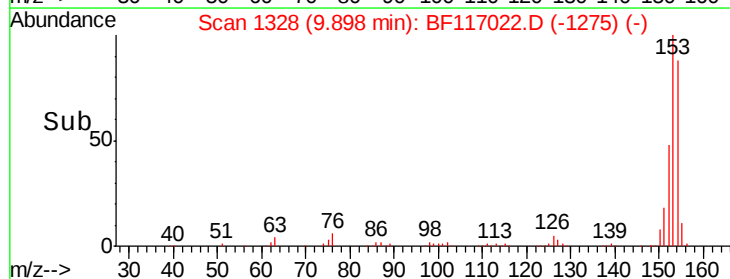
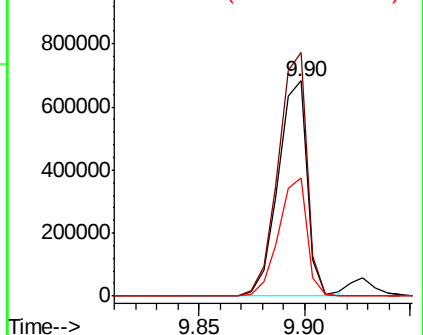
152 54.8 41.9 62.9

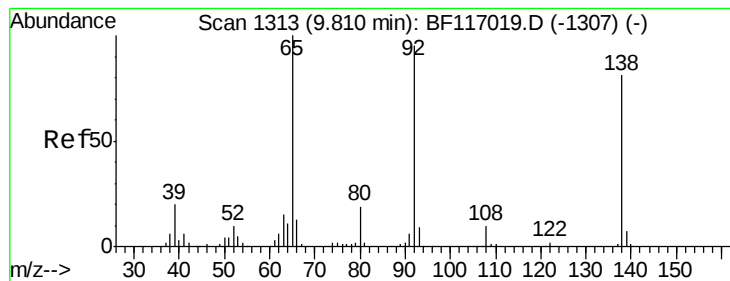


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 85.750 ng

RT: 9.82 min Scan# 1315

Delta R.T. 0.01 min

Lab File: BF117022.D

Acq: 13 Sep 2019 14:41

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

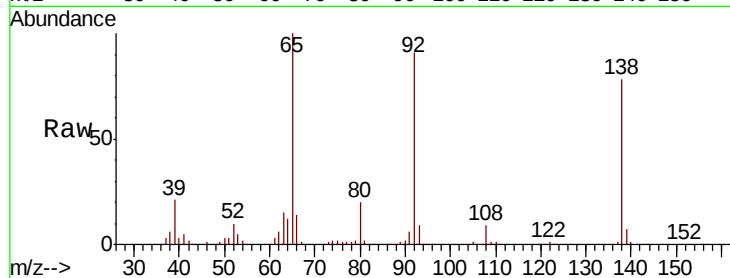
Tot Ion:138 Resp: 224769

Ion Ratio Lower Upper

138 100

108 11.1 9.5 14.3

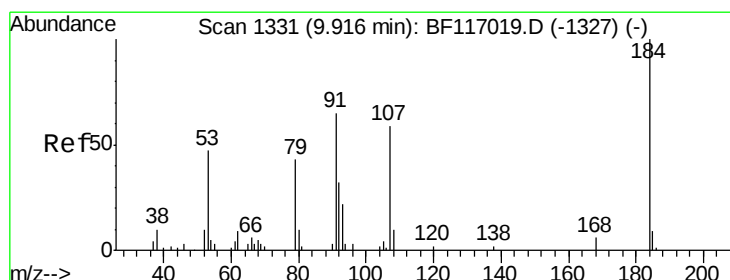
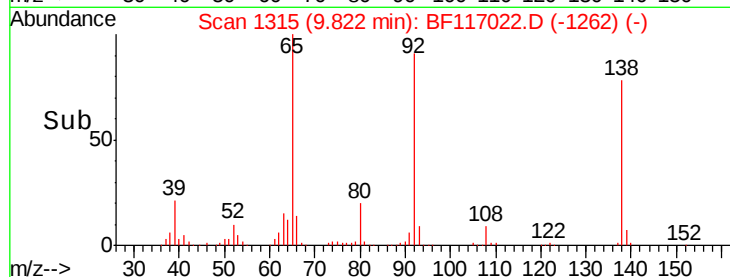
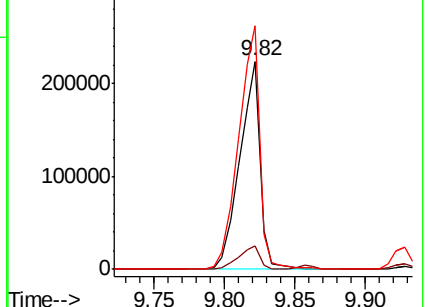
92 117.2 94.1 141.1



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 126.721 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.01 min

Lab File: BF117022.D

Acq: 13 Sep 2019 14:41

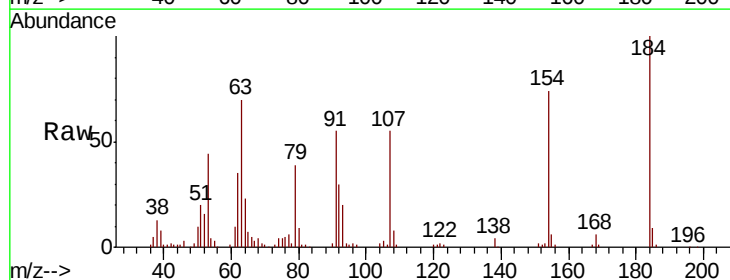
Tgt Ion:184 Resp: 77867

Ion Ratio Lower Upper

184 100

63 69.9 63.8 95.6

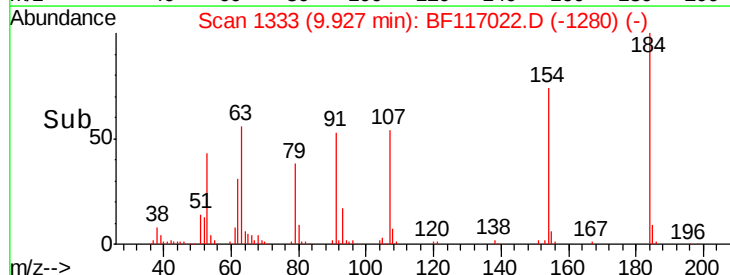
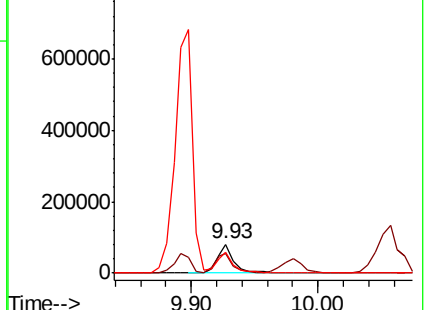
154 73.8 60.4 90.6

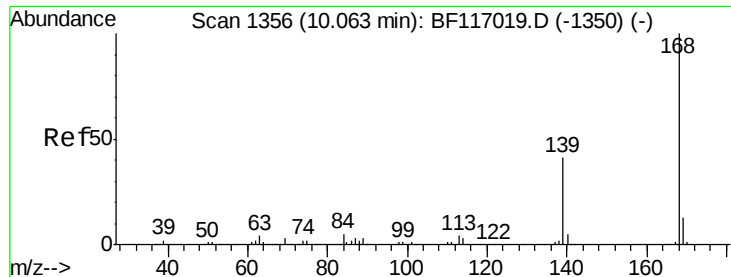


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

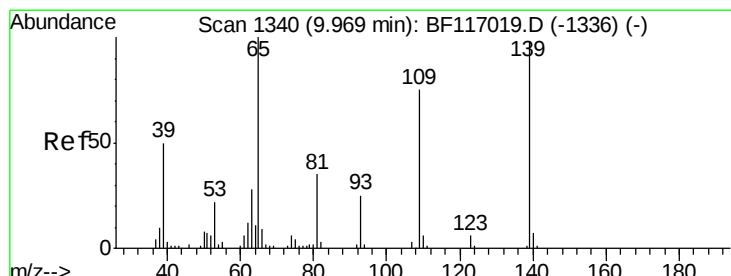
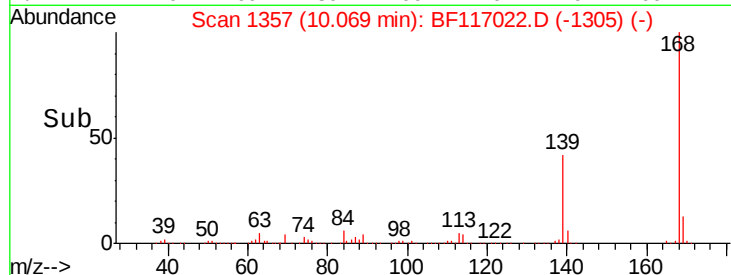
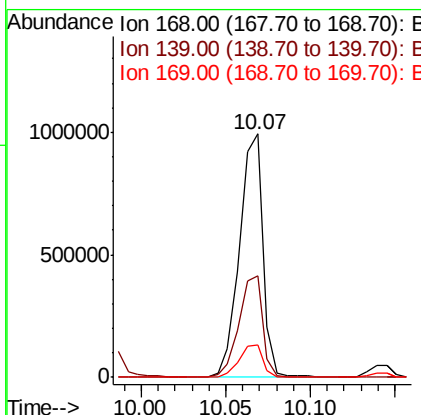
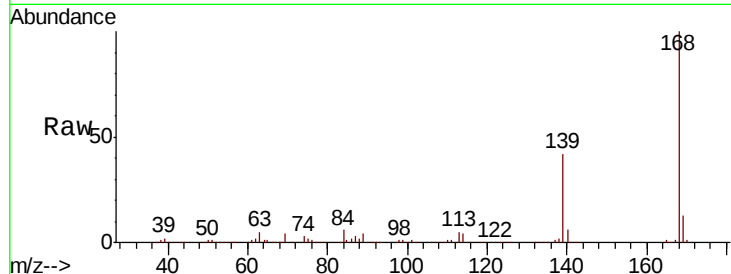




#55
Dibenzenofuran
Concen: 77.182 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF117022.D
Acq: 13 Sep 2019 14:41

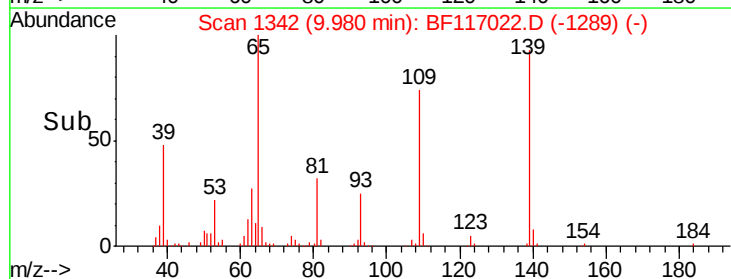
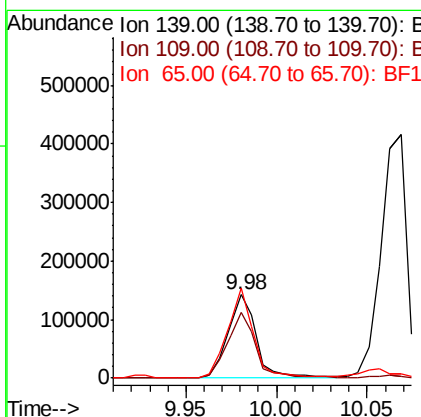
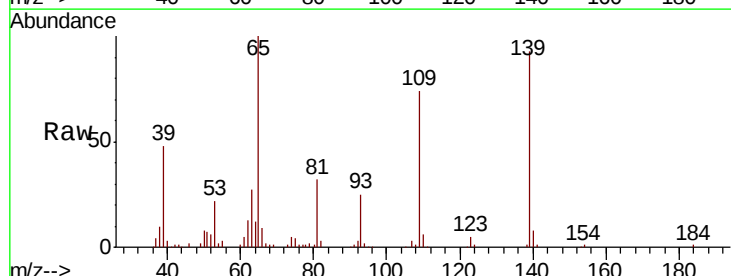
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

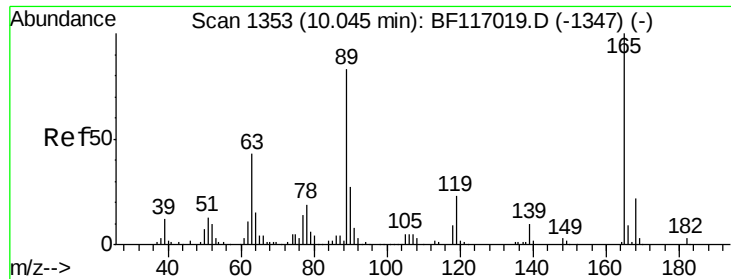
Tot Ion:168 Resp: 964425
Ion Ratio Lower Upper
168 100
139 41.9 32.8 49.2
169 13.3 10.5 15.7



#56
4-Nitrophenol
Concen: 86.378 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF117022.D
Acq: 13 Sep 2019 14:41

Tgt Ion:139 Resp: 155247
Ion Ratio Lower Upper
139 100
109 79.3 56.4 96.4
65 107.4 82.5 122.5

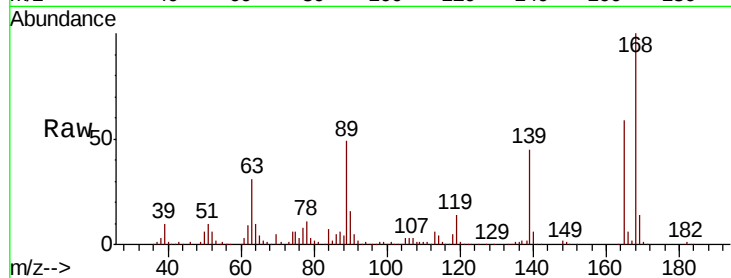




#57
2,4-Dinitrotoluene
Concen: 93.860 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.01 min
Lab File: BF117022.D
Acq: 13 Sep 2019 14:41

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
165	100		
63	52.1	35.0	52.4
89	83.5	66.1	99.1
182	2.5	2.0	3.0



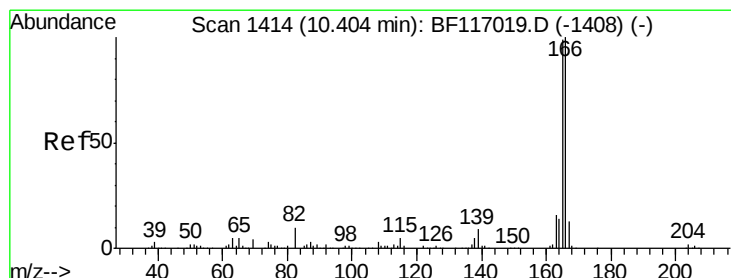
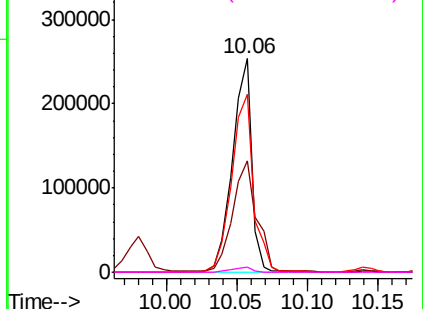
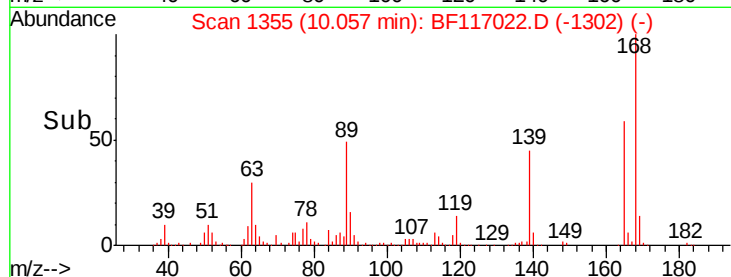
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

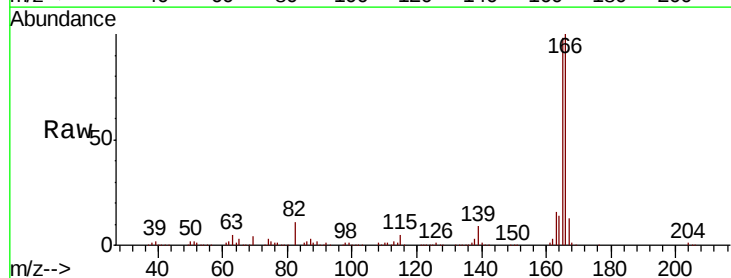
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 81.795 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.01 min
Lab File: BF117022.D
Acq: 13 Sep 2019 14:41

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.9	118.3
167	13.4	10.6	15.8

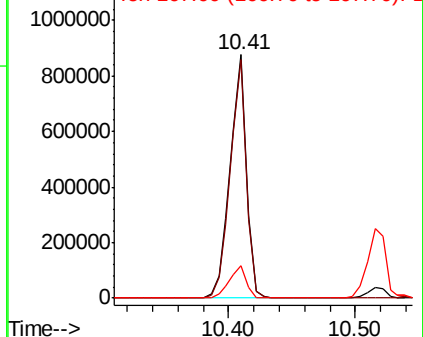
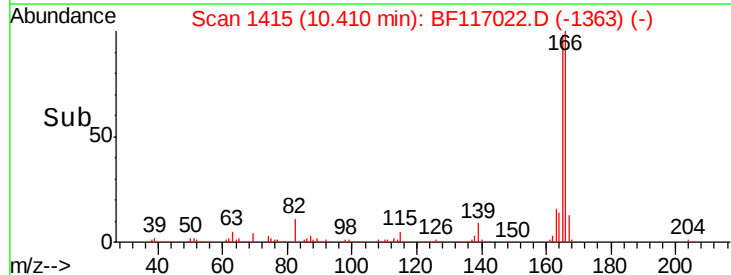


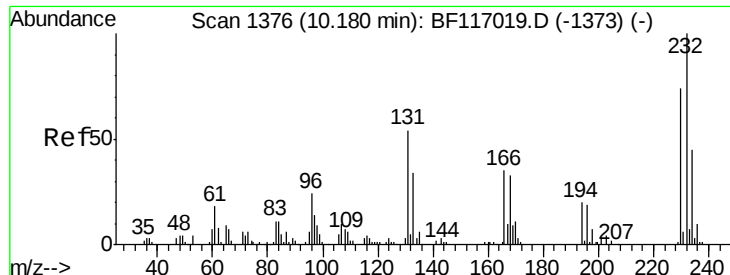
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 90.109 ng

RT: 10.19 min Scan# 1377

Delta R.T. 0.01 min

Lab File: BF117022.D

Acq: 13 Sep 2019 14:41

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:232 Resp: 176170

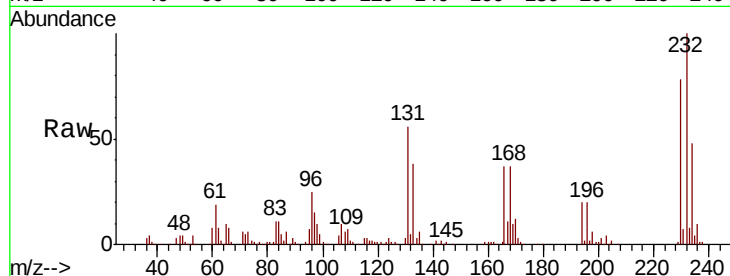
Ion Ratio Lower Upper

232 100

131 55.7 45.3 67.9

130 2.7 1.8 2.8

166 36.3 29.4 44.2

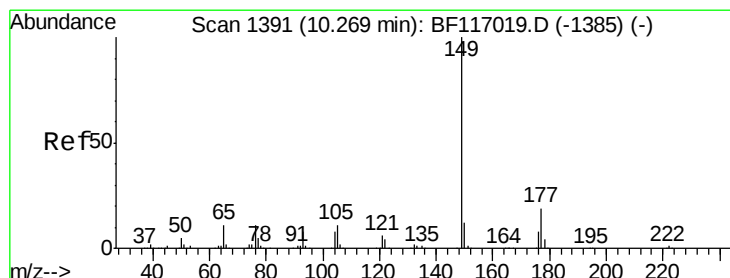
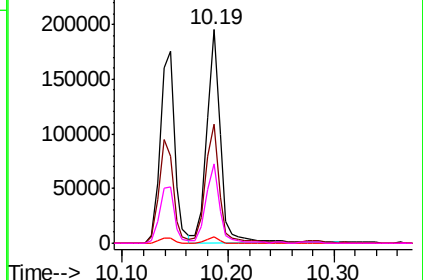
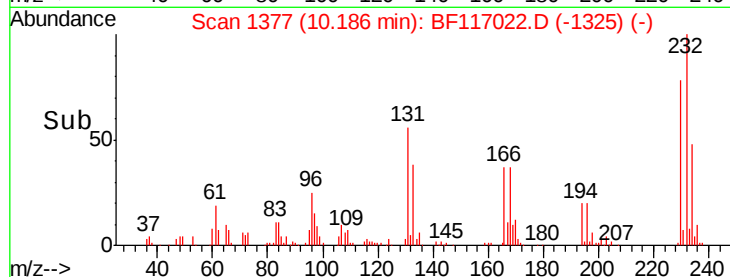


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 75.673 ng

RT: 10.28 min Scan# 1393

Delta R.T. 0.01 min

Lab File: BF117022.D

Acq: 13 Sep 2019 14:41

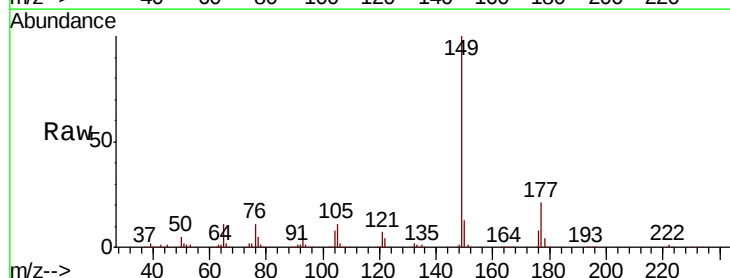
Tgt Ion:149 Resp: 830997

Ion Ratio Lower Upper

149 100

177 20.9 15.2 22.8

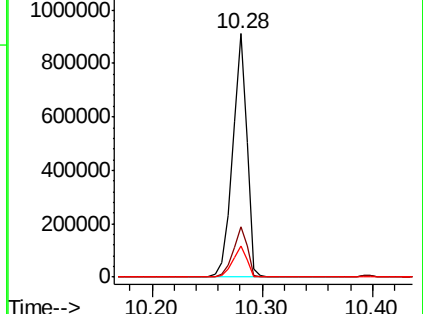
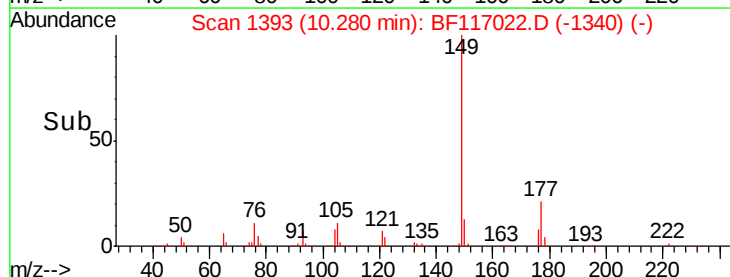
150 12.8 9.9 14.9

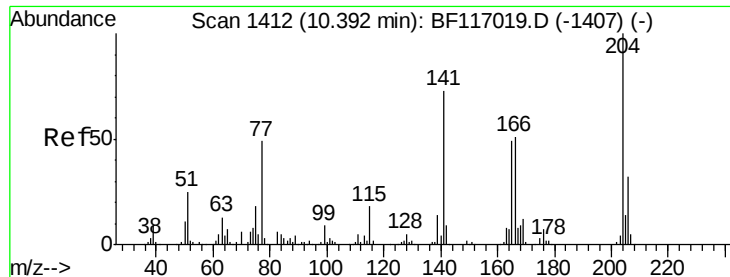


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

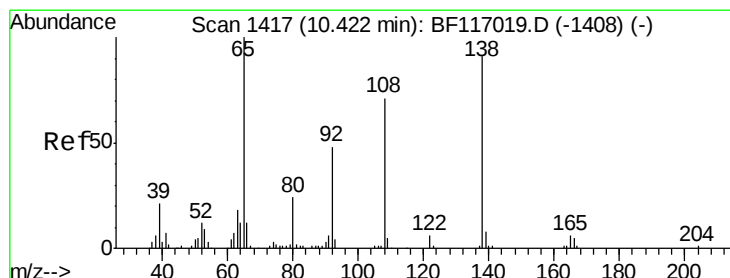
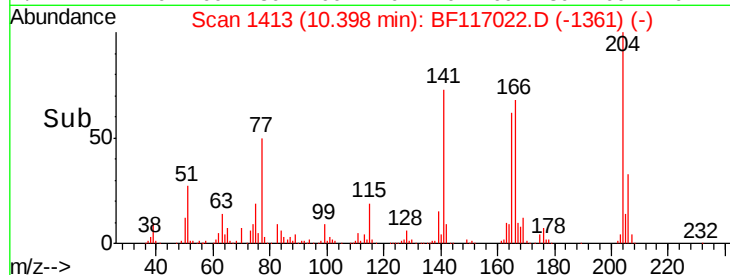
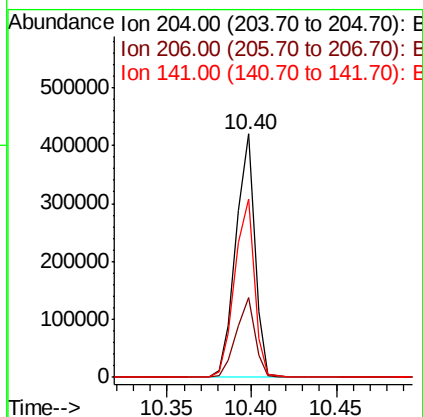
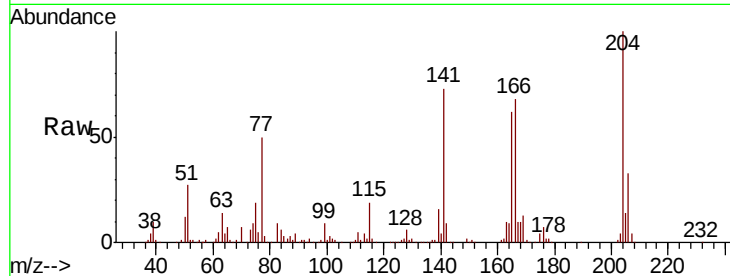




#61
4-Chlorophenyl-phenylether
Concen: 79.309 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BF117022.D
Acq: 13 Sep 2019 14:41

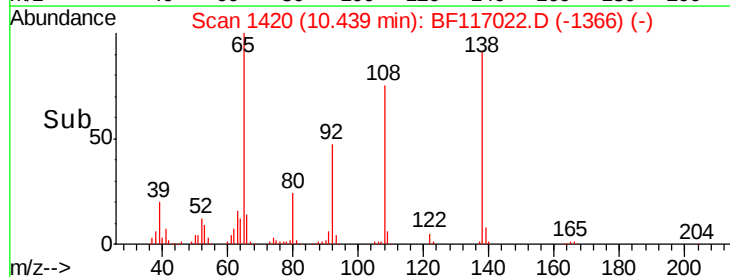
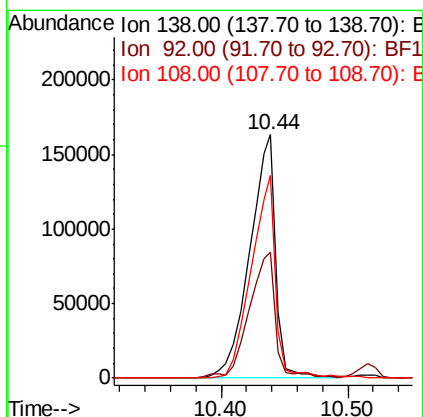
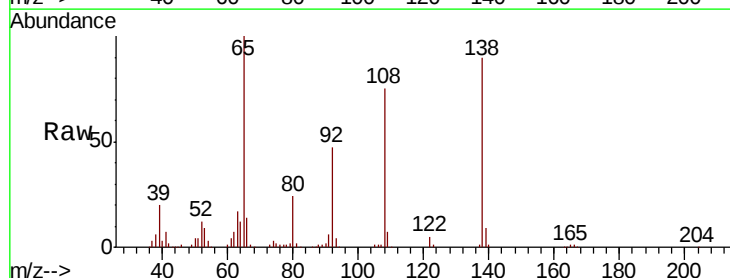
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

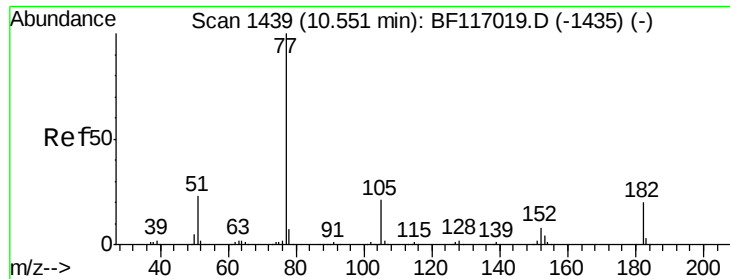
Tot Ion:204 Resp: 330661
Ion Ratio Lower Upper
204 100
206 33.0 26.0 39.0
141 73.4 58.2 87.2



#62
4-Nitroaniline
Concen: 91.606 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.02 min
Lab File: BF117022.D
Acq: 13 Sep 2019 14:41

Tgt Ion:138 Resp: 233027
Ion Ratio Lower Upper
138 100
92 51.7 32.9 72.9
108 83.0 58.3 98.3





#63

Azobenzene

Concen: 75.060 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.01 min

Lab File: BF117022.D

Acq: 13 Sep 2019 14:41

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 77 Resp: 859479

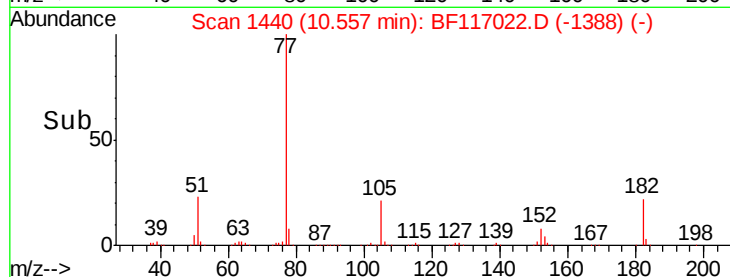
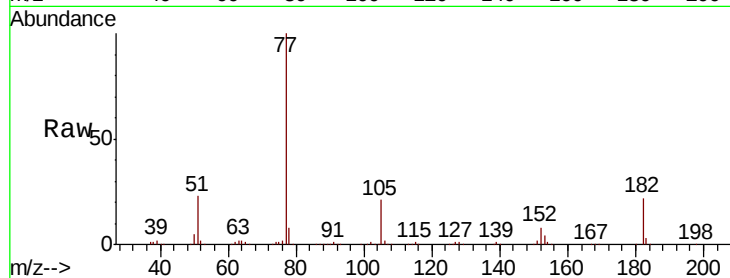
Ion Ratio Lower Upper

77 100

182 21.7 0.4 40.4

105 21.3 0.9 40.9

51 23.5 2.8 42.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Time-->

10.56

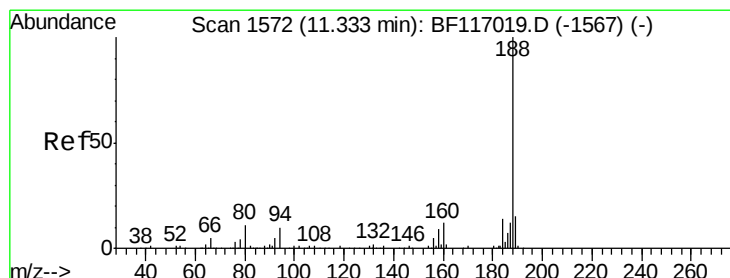
500000

1000000

1500000

0

10.50 10.55 10.60 10.65



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.01 min

Lab File: BF117022.D

Acq: 13 Sep 2019 14:41

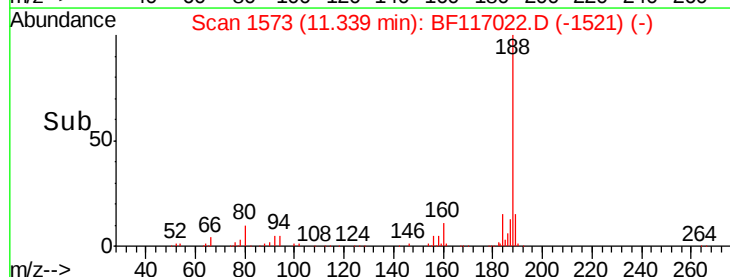
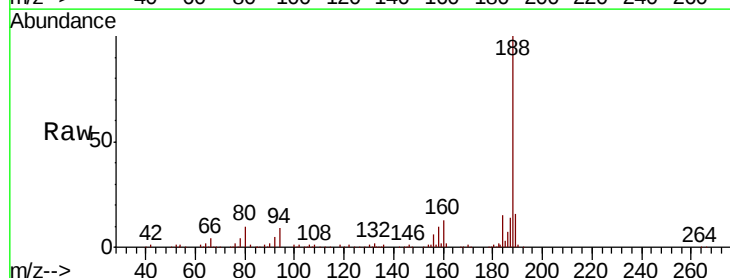
Tgt Ion: 188 Resp: 256080

Ion Ratio Lower Upper

188 100

94 9.1 8.2 12.2

80 10.1 9.0 13.6



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Time-->

11.34

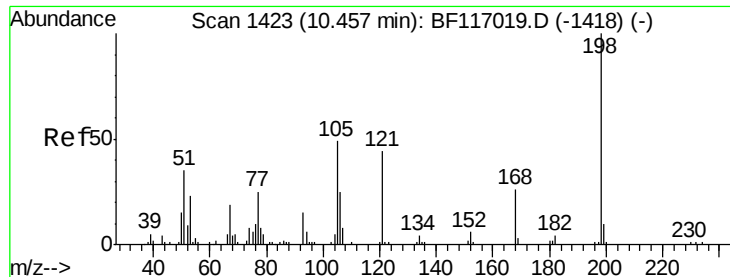
300000

200000

100000

0

11.30 11.35 11.40



#65

4,6-Dinitro-2-methylphenol

Concen: 113.975 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.01 min

Lab File: BF117022.D

Acq: 13 Sep 2019 14:41

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

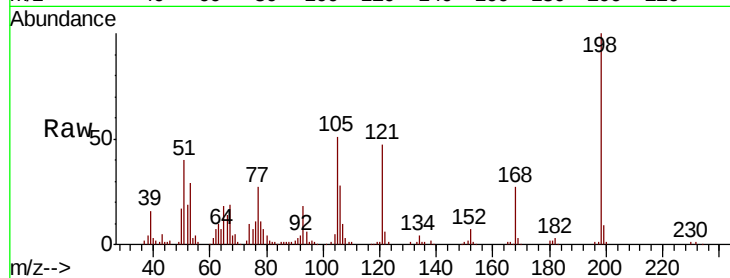
Tot Ion:198 Resp: 98570

Ion Ratio Lower Upper

198 100

51 40.4 18.7 58.7

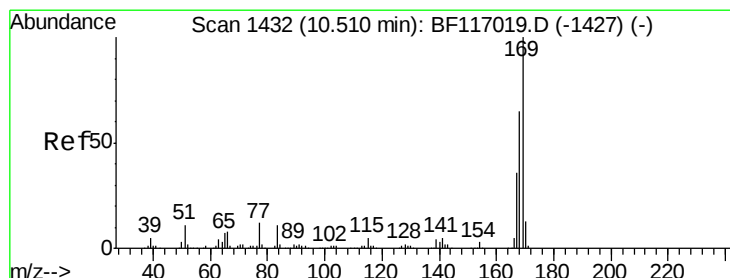
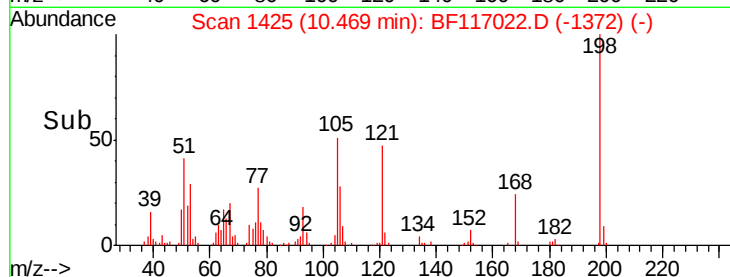
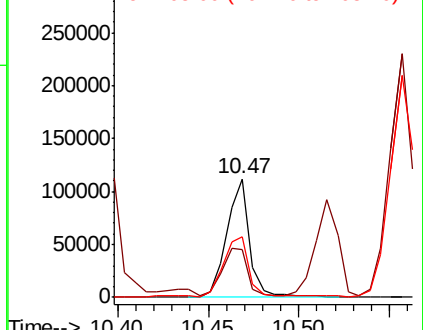
105 51.1 30.2 70.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 76.324 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.01 min

Lab File: BF117022.D

Acq: 13 Sep 2019 14:41

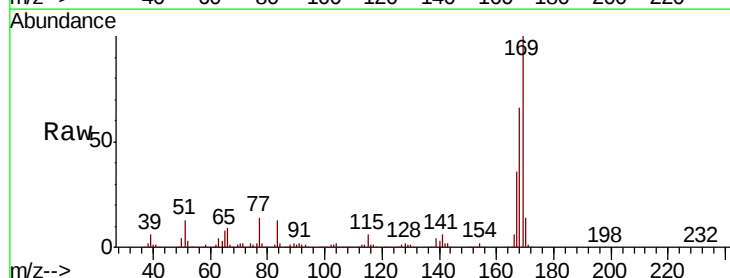
Tgt Ion:169 Resp: 676127

Ion Ratio Lower Upper

169 100

168 66.0 52.2 78.2

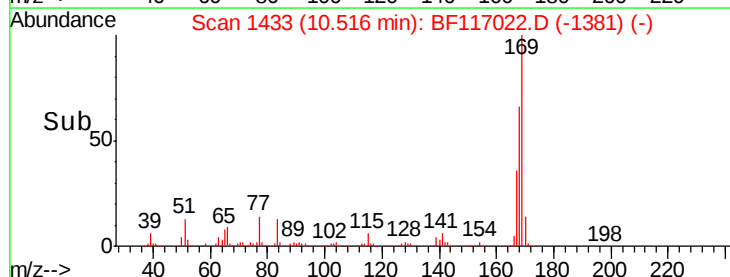
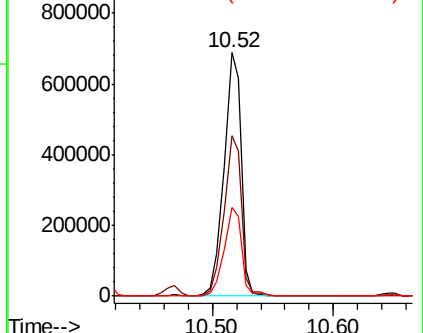
167 36.3 28.8 43.2

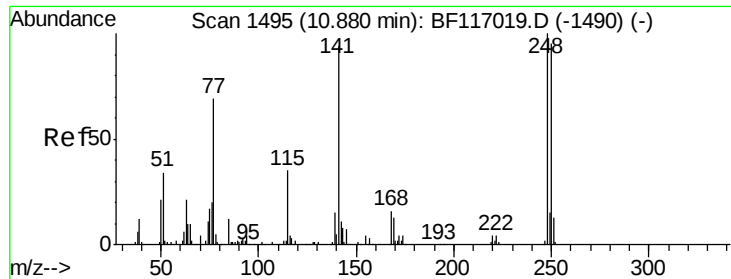


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

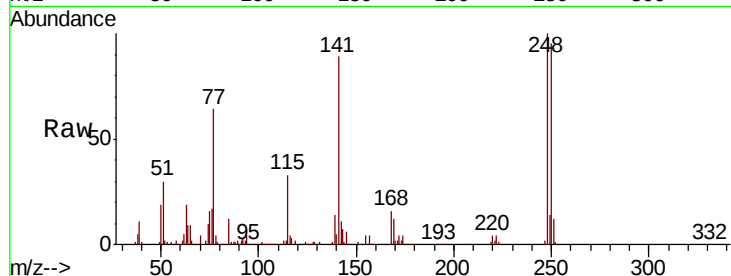




#67
4-Bromophenyl-phenylether
Concen: 77.558 ng
RT: 10.89 min Scan# 1496
Delta R.T. 0.01 min
Lab File: BF117022.D
Acq: 13 Sep 2019 14:41

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.3	76.2	114.4
141	88.9	75.0	112.4

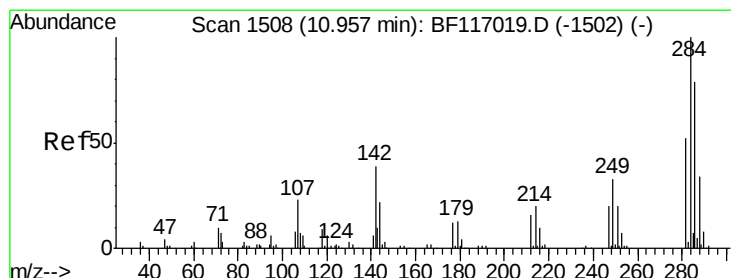
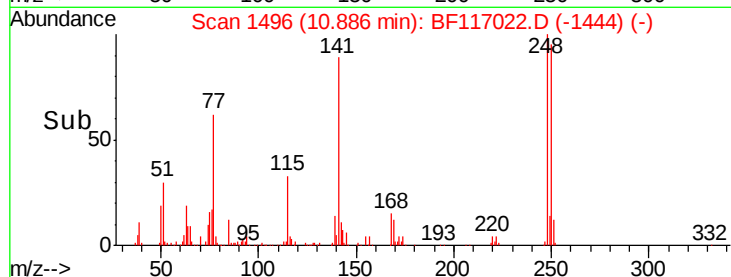
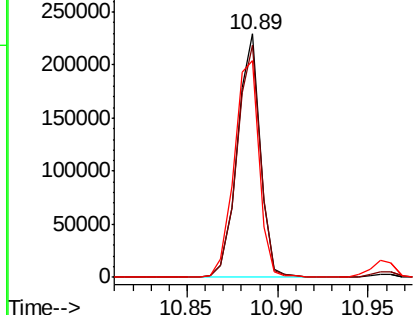


Abundance

Ion 248.00 (247.70 to 248.70): E

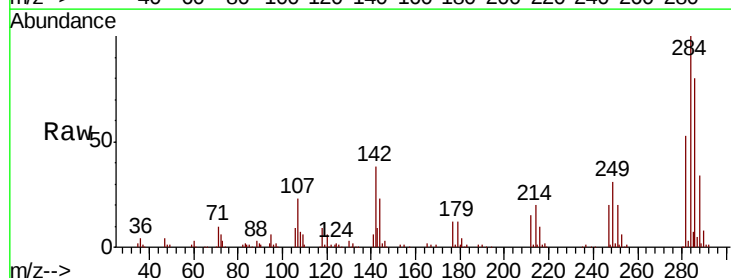
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 80.655 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.01 min
Lab File: BF117022.D
Acq: 13 Sep 2019 14:41

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.0	31.4	47.2
249	30.9	26.5	39.7

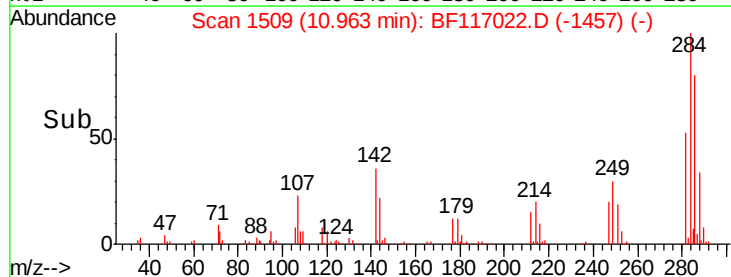
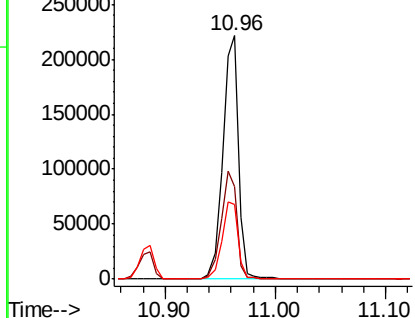


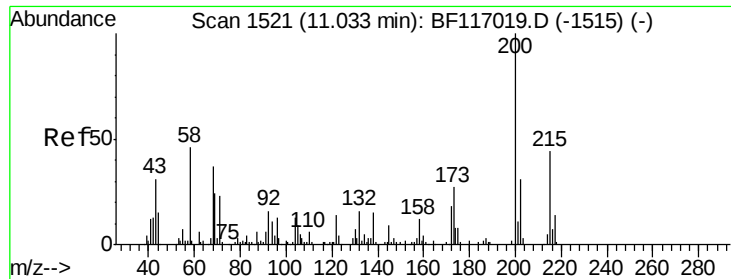
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 58.630 ng

RT: 11.04 min Scan# 1522

Delta R.T. 0.01 min

Lab File: BF117022.D

Acq: 13 Sep 2019 14:41

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

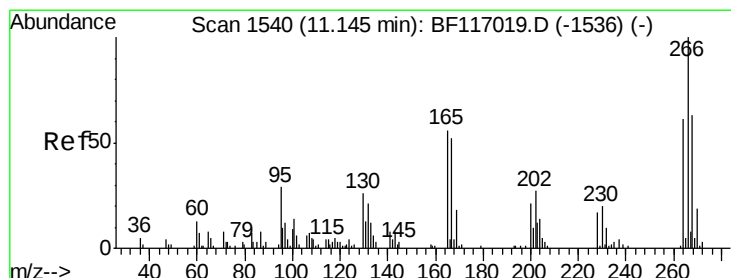
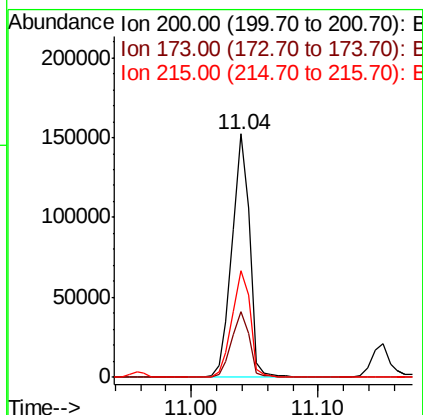
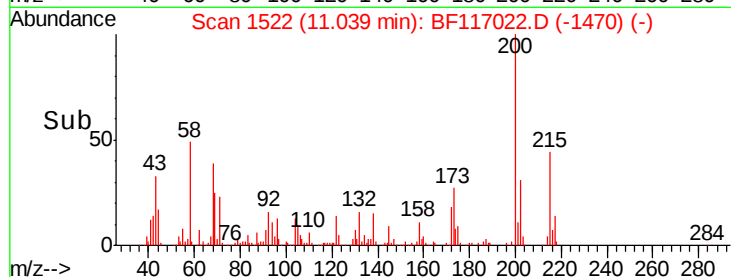
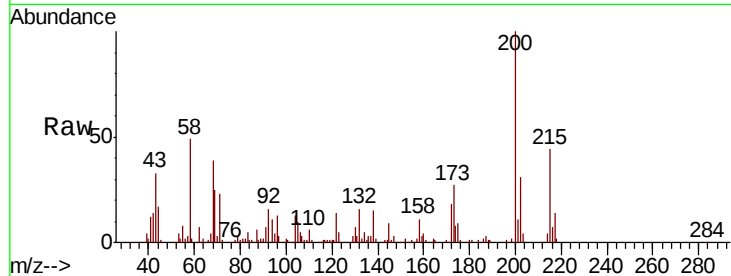
Tot Ion:200 Resp: 145466

Ion Ratio Lower Upper

200 100

173 27.1 6.9 46.9

215 43.8 23.8 63.8



#70

Pentachlorophenol

Concen: 88.342 ng

RT: 11.15 min Scan# 1541

Delta R.T. 0.01 min

Lab File: BF117022.D

Acq: 13 Sep 2019 14:41

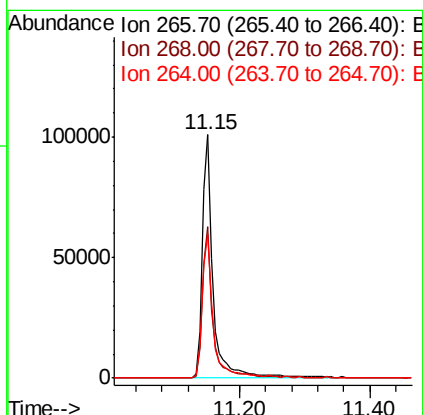
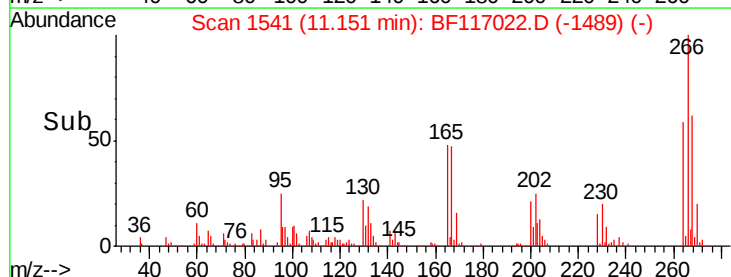
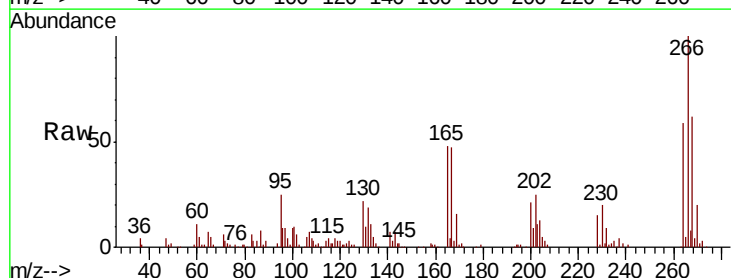
Tgt Ion:266 Resp: 116316

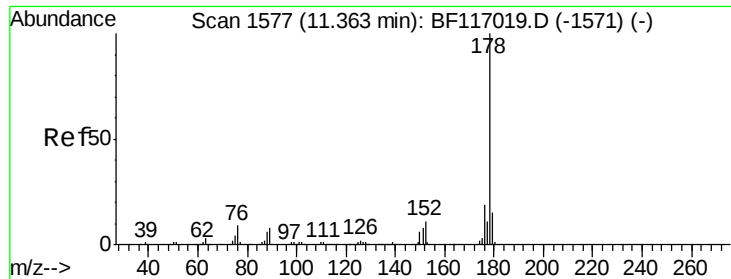
Ion Ratio Lower Upper

266 100

268 62.4 50.5 75.7

264 59.0 48.8 73.2





#71

Phenanthrene

Concen: 77.171 ng

RT: 11.37 min Scan# 1578

Delta R.T. 0.01 min

Lab File: BF117022.D

Acq: 13 Sep 2019 14:41

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

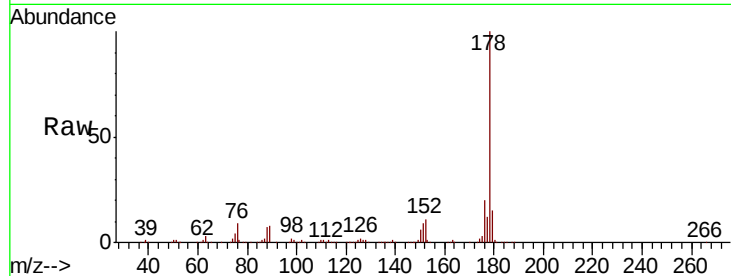
Tot Ion:178 Resp: 1100080

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.2

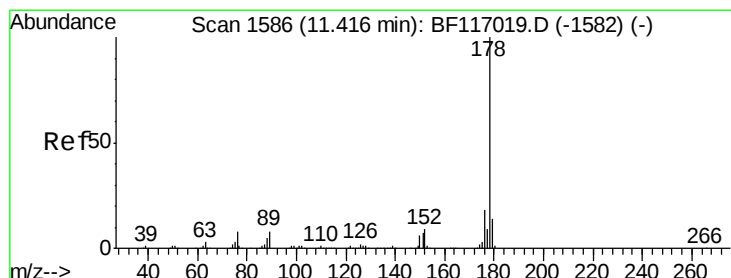
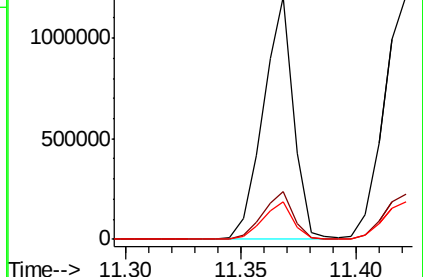
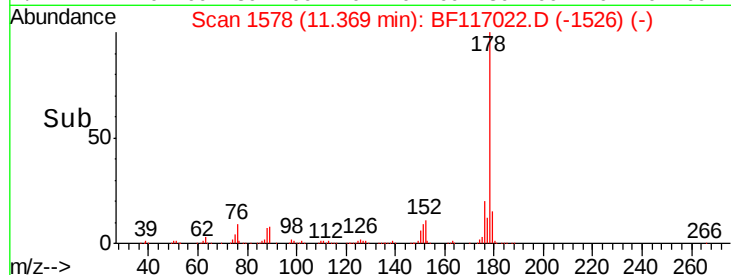
179 15.5 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 78.708 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.01 min

Lab File: BF117022.D

Acq: 13 Sep 2019 14:41

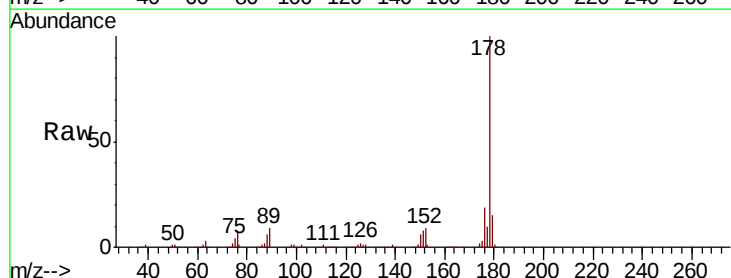
Tgt Ion:178 Resp: 1129435

Ion Ratio Lower Upper

178 100

176 18.8 14.6 21.8

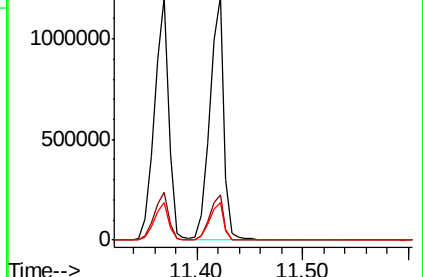
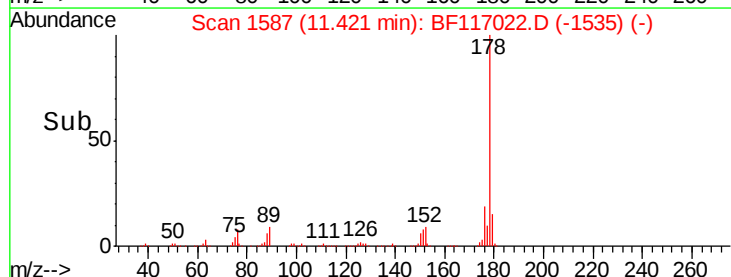
179 15.5 11.6 17.4

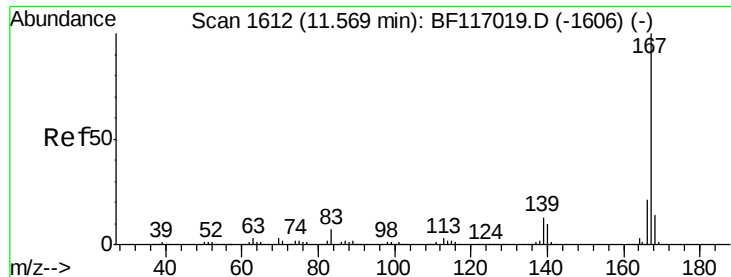


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

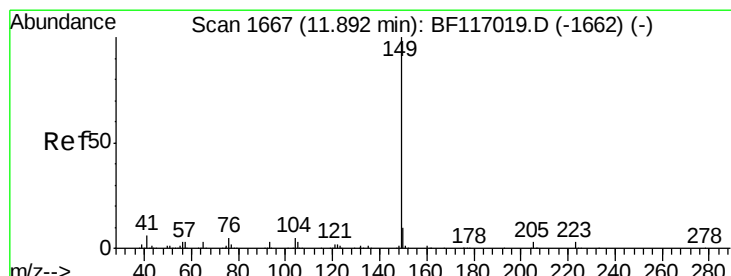
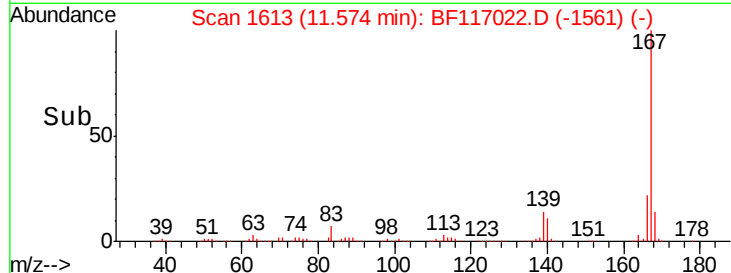
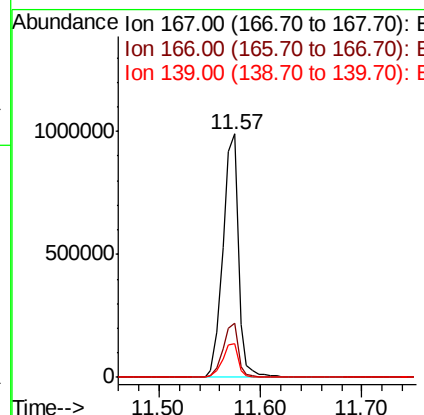
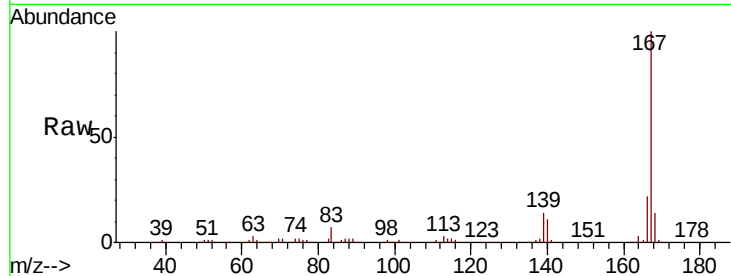




#73
 Carbazole
 Concen: 77.624 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.01 min
 Lab File: BF117022.D
 Acq: 13 Sep 2019 14:41

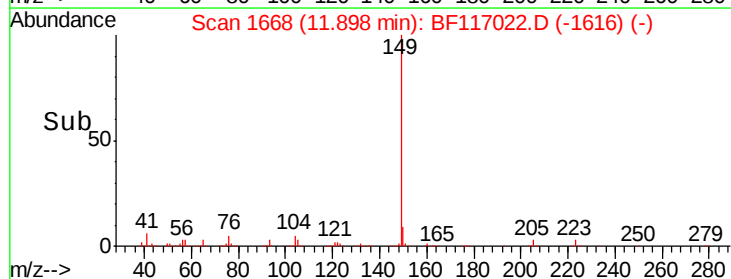
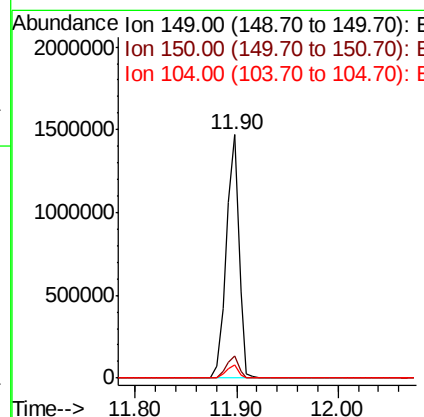
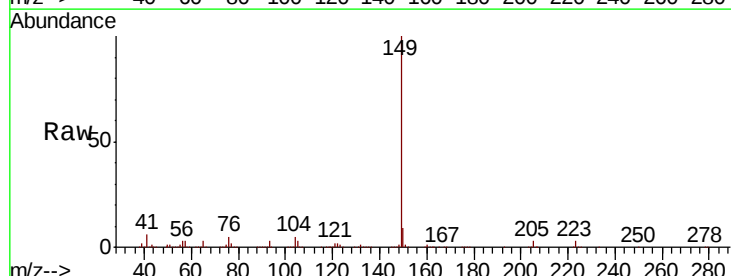
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

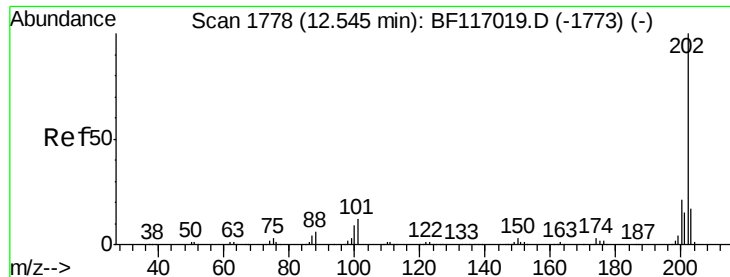
Tot Ion:167 Resp: 1061039
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.2 25.8
 139 13.6 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 72.646 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. 0.01 min
 Lab File: BF117022.D
 Acq: 13 Sep 2019 14:41

Tgt Ion:149 Resp: 1272991
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.7 11.5
 104 5.2 4.2 6.4



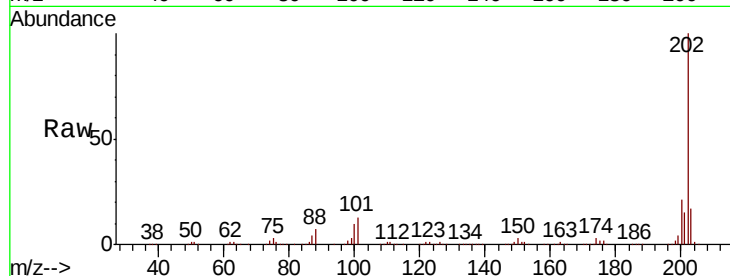


#75
 Fluoranthene
 Concen: 79.855 ng
 RT: 12.55 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: BF117022.D
 Acq: 13 Sep 2019 14:41

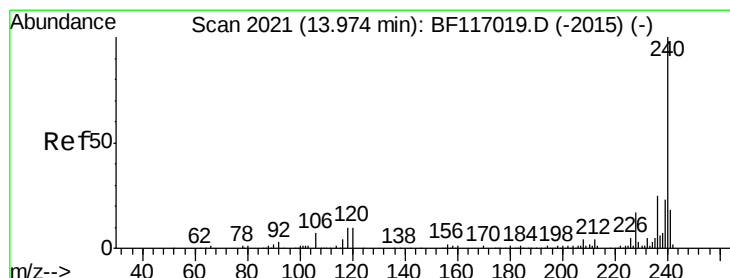
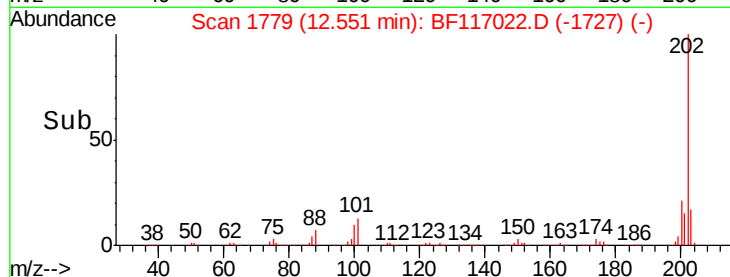
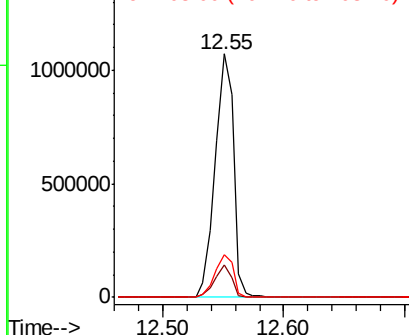
Instrument :
 BNA_F
 ClientSampled :
 SSTDICC080

Tot Ion:202 Resp: 1118707

Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	32.3
203	17.5	0.0	37.1



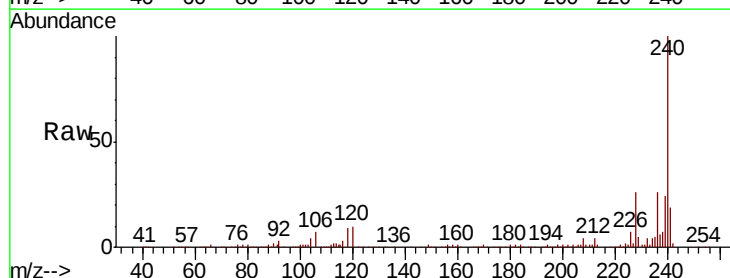
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E



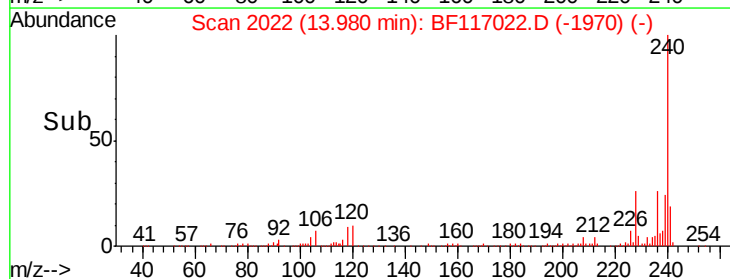
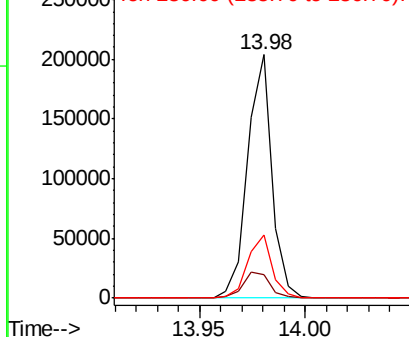
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.01 min
 Lab File: BF117022.D
 Acq: 13 Sep 2019 14:41

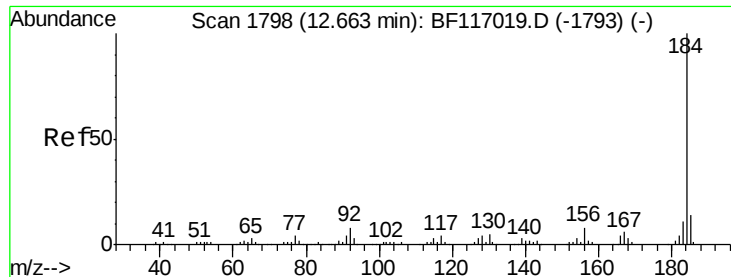
Tgt Ion:240 Resp: 163596

Ion	Ratio	Lower	Upper
240	100		
120	9.6	8.3	12.5
236	25.8	20.3	30.5



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

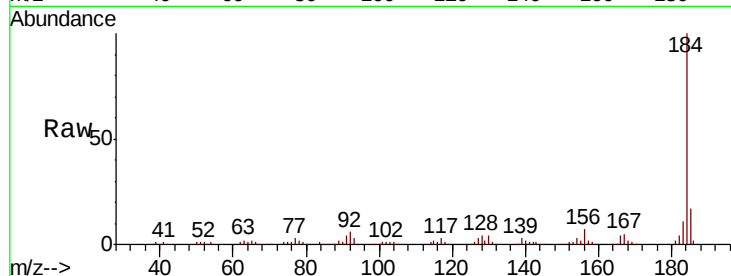




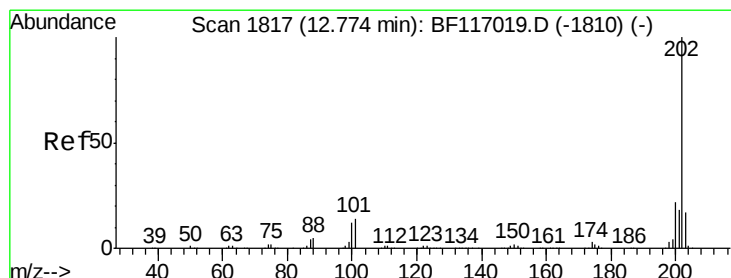
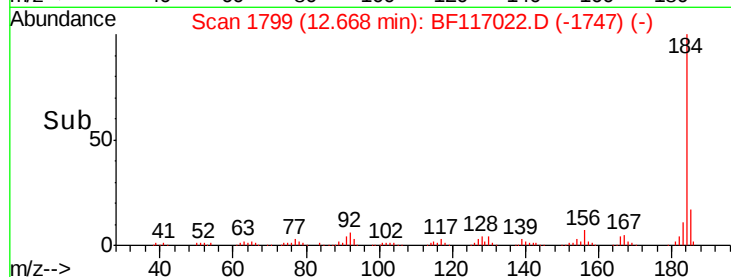
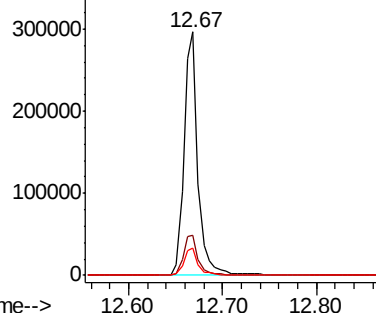
#77
Benzidine
Concen: 48.494 ng
RT: 12.67 min Scan# 1799
Delta R.T. 0.01 min
Lab File: BF117022.D
Acq: 13 Sep 2019 14:41

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:184 Resp: 311170
Ion Ratio Lower Upper
184 100
185 16.7 11.6 17.4
183 11.3 9.0 13.4

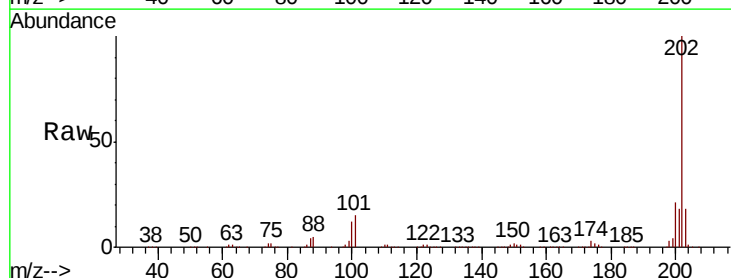


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

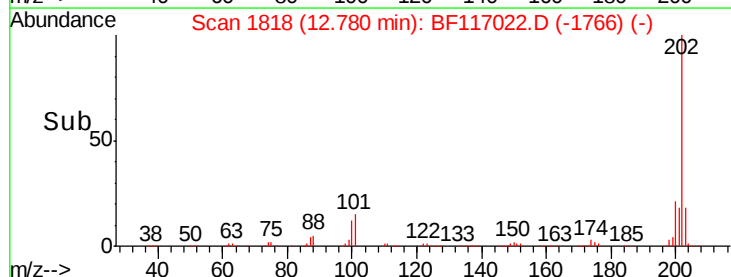
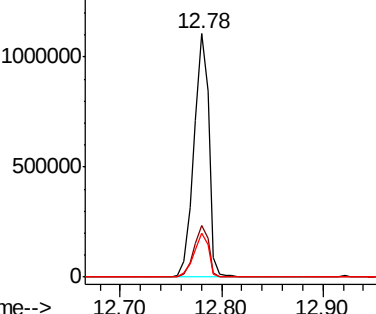


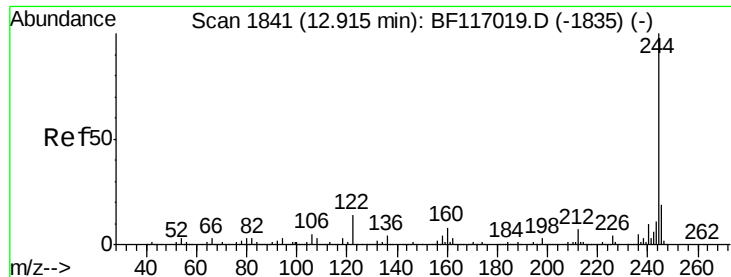
#78
Pyrene
Concen: 77.587 ng
RT: 12.78 min Scan# 1818
Delta R.T. 0.01 min
Lab File: BF117022.D
Acq: 13 Sep 2019 14:41

Tgt Ion:202 Resp: 1128322
Ion Ratio Lower Upper
202 100
200 21.4 17.2 25.8
203 17.8 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 163.098 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.01 min

Lab File: BF117022.D

Acq: 13 Sep 2019 14:41

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

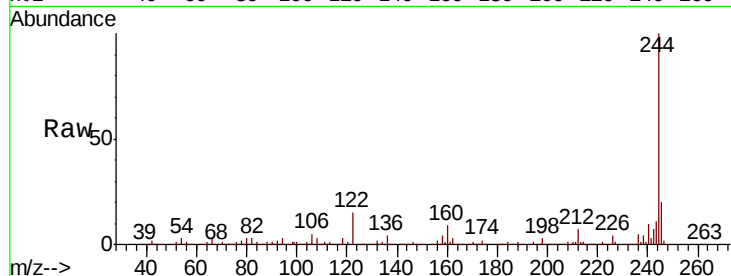
Tot Ion:244 Resp: 1442322

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

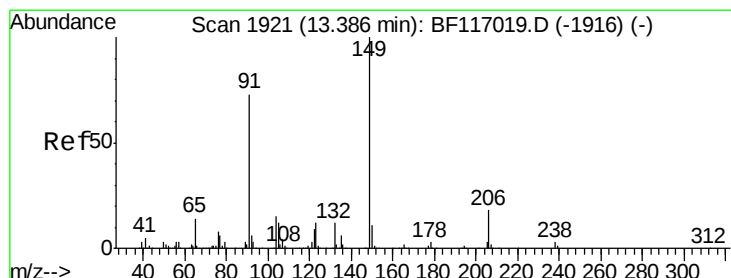
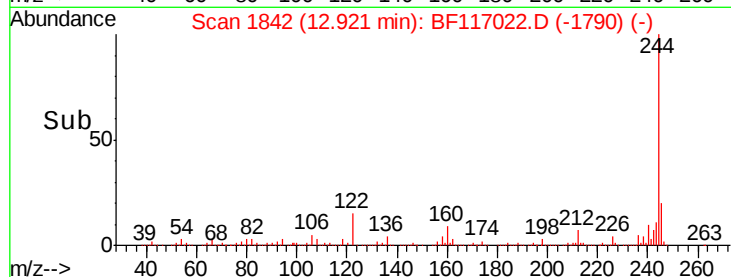
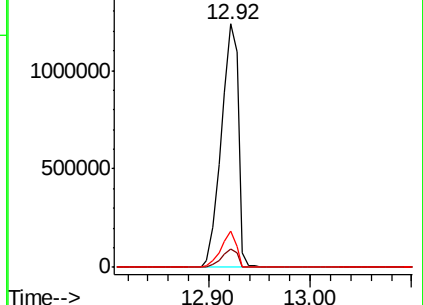
122 14.9 11.3 16.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 75.670 ng

RT: 13.39 min Scan# 1922

Delta R.T. 0.01 min

Lab File: BF117022.D

Acq: 13 Sep 2019 14:41

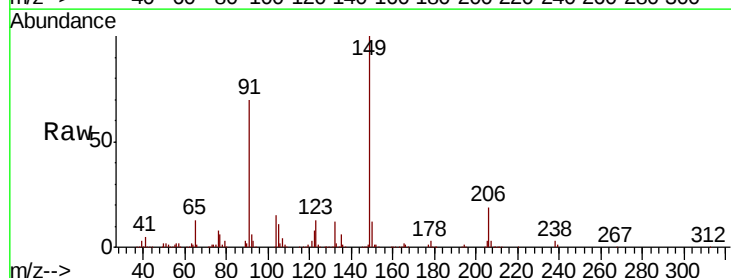
Tgt Ion:149 Resp: 535144

Ion Ratio Lower Upper

149 100

91 70.4 58.8 88.2

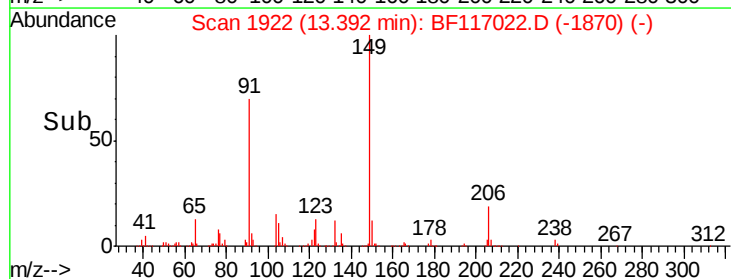
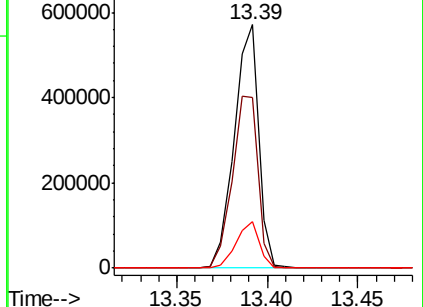
206 18.9 14.1 21.1

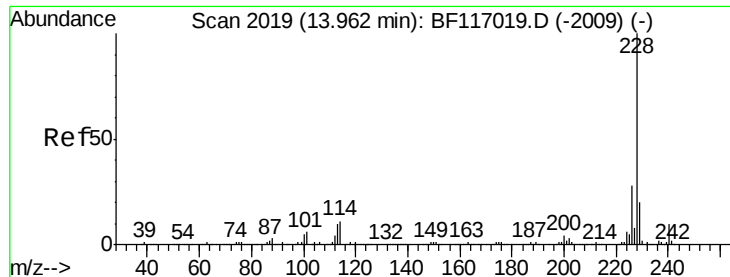


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 82.850 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF117022.D

Acq: 13 Sep 2019 14:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

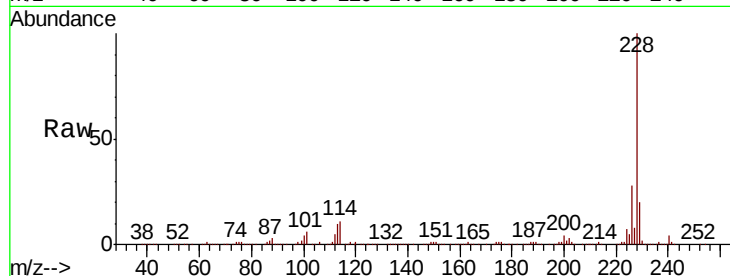
Tot Ion:228 Resp: 857823

Ion Ratio Lower Upper

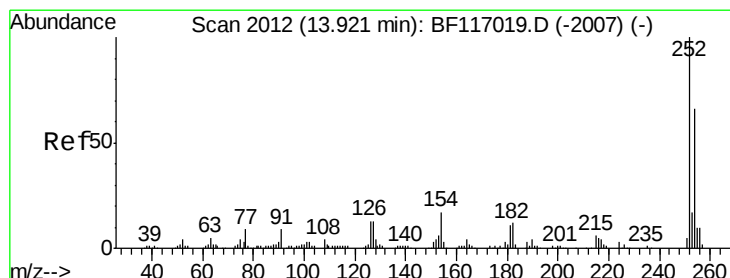
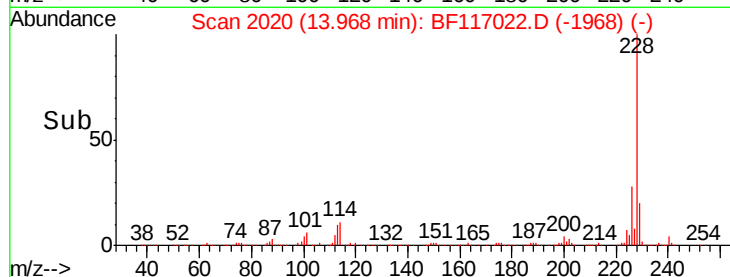
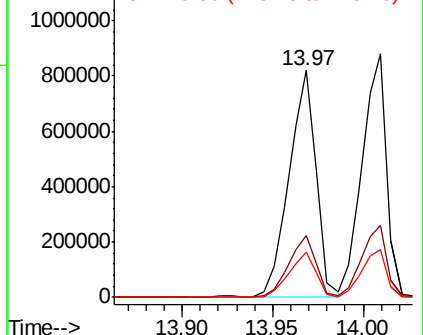
228 100

226 27.5 22.3 33.5

229 19.8 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 69.236 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.01 min

Lab File: BF117022.D

Acq: 13 Sep 2019 14:41

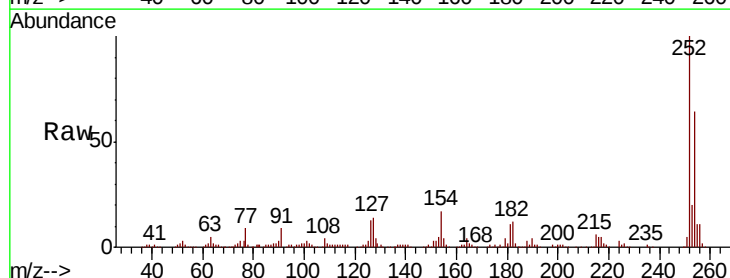
Tgt Ion:252 Resp: 242259

Ion Ratio Lower Upper

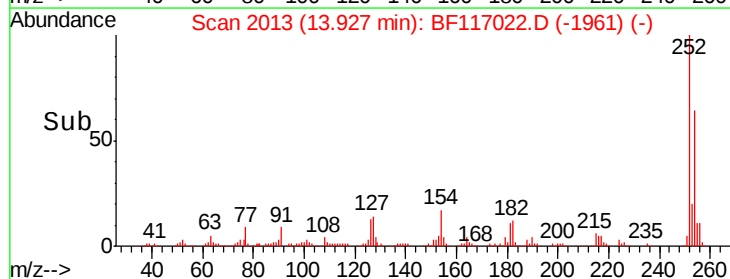
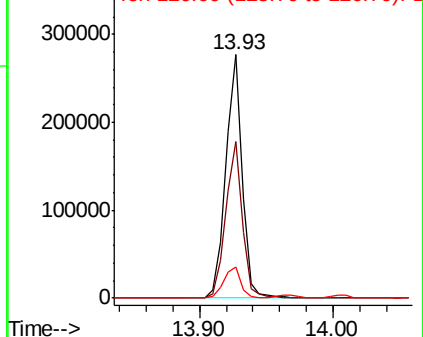
252 100

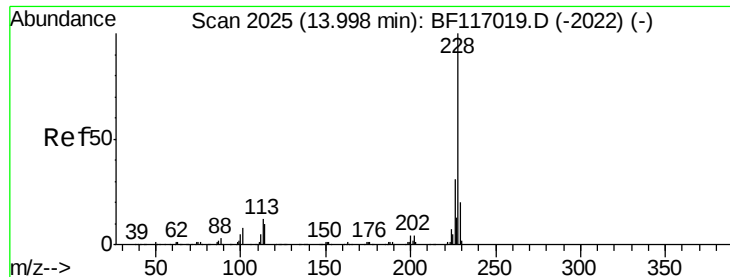
254 64.2 52.6 79.0

126 12.9 10.4 15.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 77.548 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.01 min

Lab File: BF117022.D

Acq: 13 Sep 2019 14:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

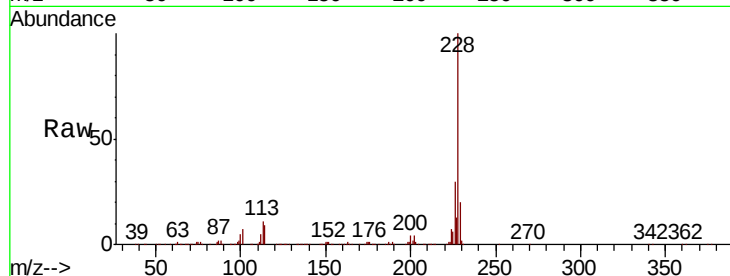
Tot Ion:228 Resp: 827215

Ion Ratio Lower Upper

228 100

226 29.8 24.8 37.2

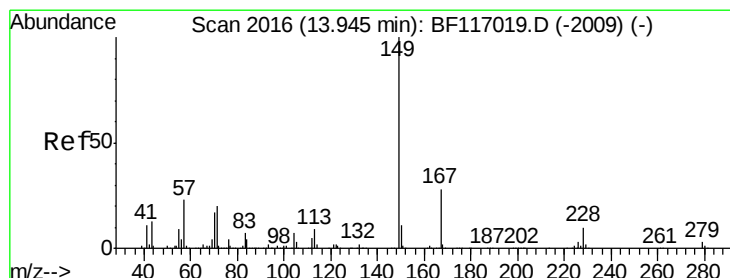
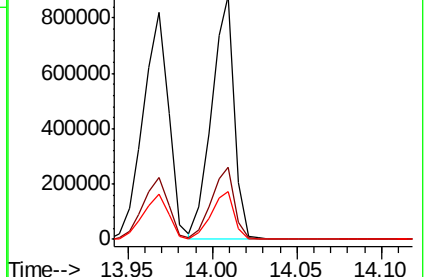
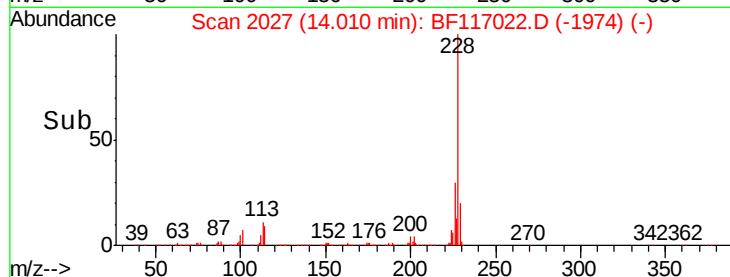
229 19.6 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 77.639 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.01 min

Lab File: BF117022.D

Acq: 13 Sep 2019 14:41

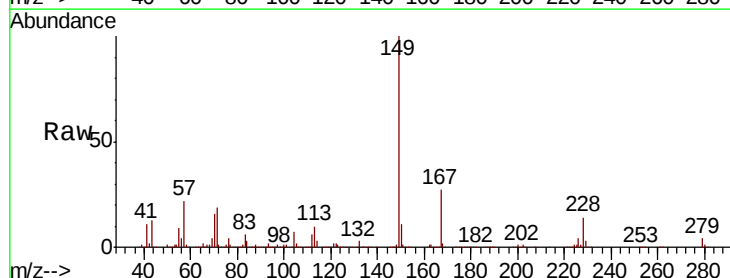
Tgt Ion:149 Resp: 677780

Ion Ratio Lower Upper

149 100

167 27.2 22.2 33.2

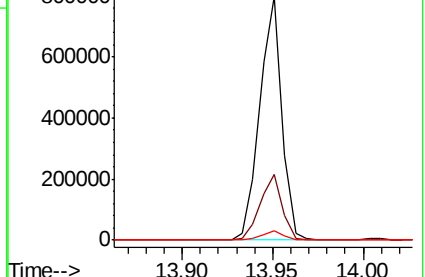
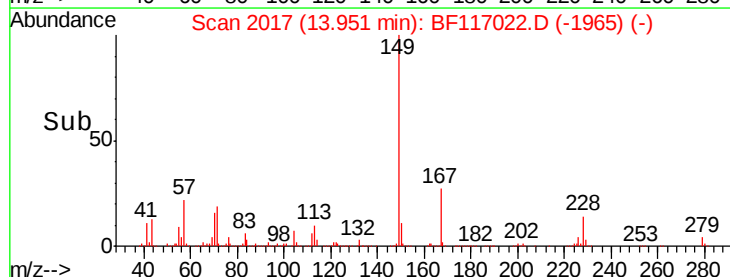
279 3.6 2.8 4.2

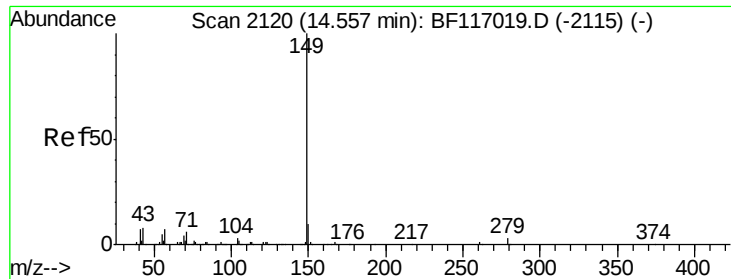


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

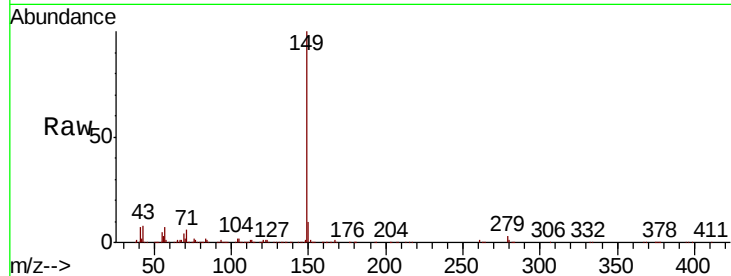




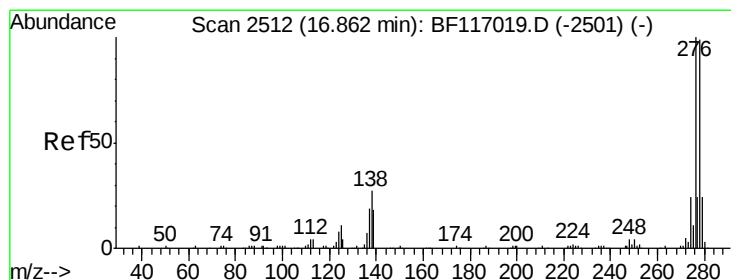
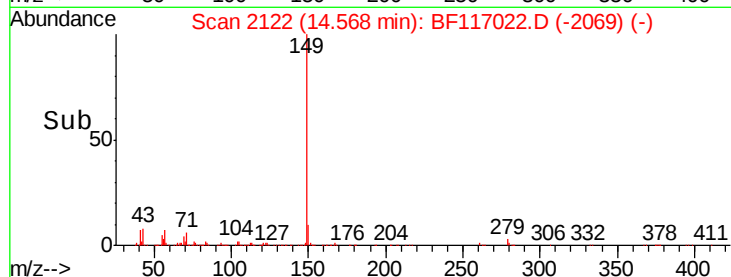
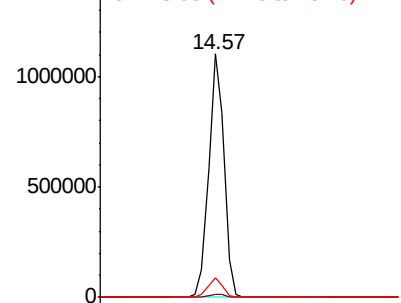
#85
Di-n-octyl phthalate
Concen: 70.638 ng
RT: 14.57 min Scan# 2122
Delta R.T. 0.01 min
Lab File: BF117022.D
Acq: 13 Sep 2019 14:41

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion:149 Resp: 1009141
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 8.2 6.2 9.4

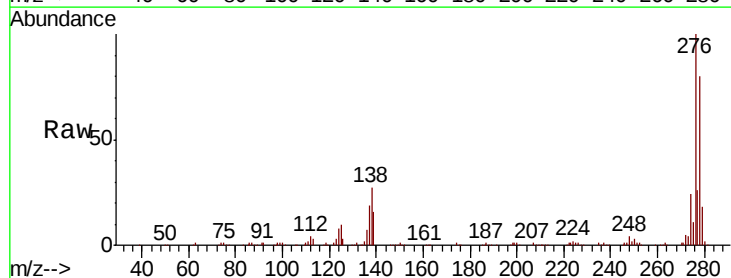


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

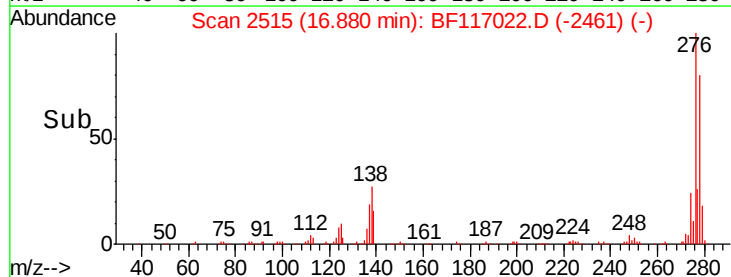
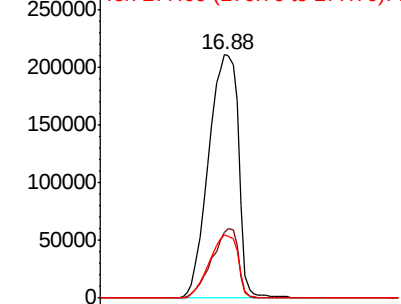


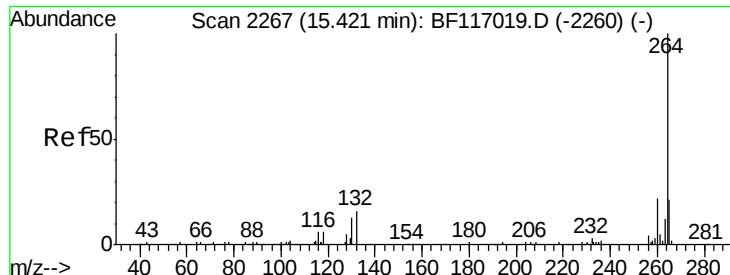
#86
Indeno(1,2,3-cd)pyrene
Concen: 72.233 ng
RT: 16.88 min Scan# 2515
Delta R.T. 0.02 min
Lab File: BF117022.D
Acq: 13 Sep 2019 14:41

Tgt Ion:276 Resp: 618894
Ion Ratio Lower Upper
276 100
138 25.3 20.7 31.1
277 25.1 19.8 29.8



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

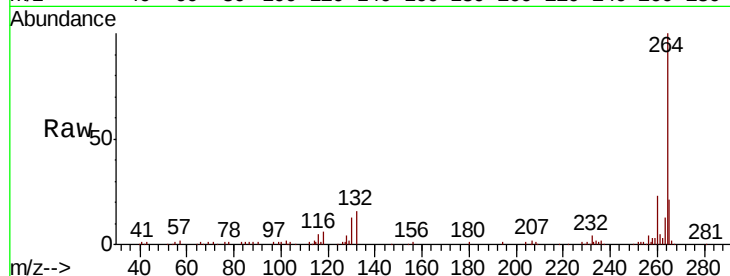




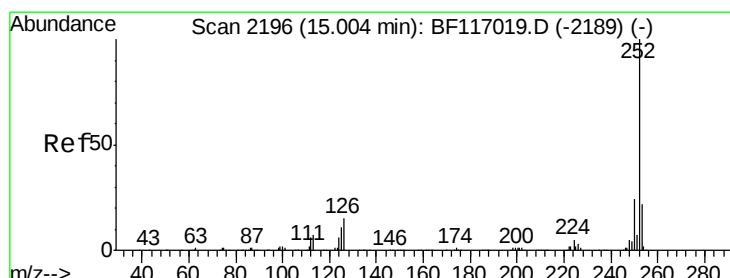
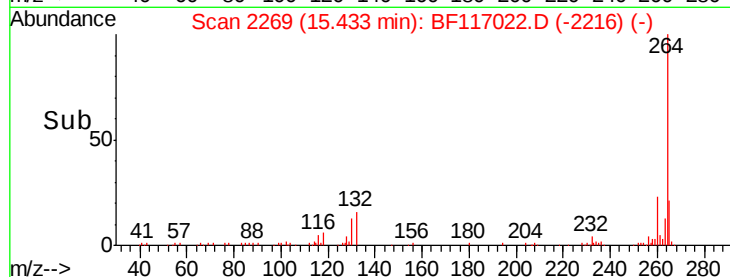
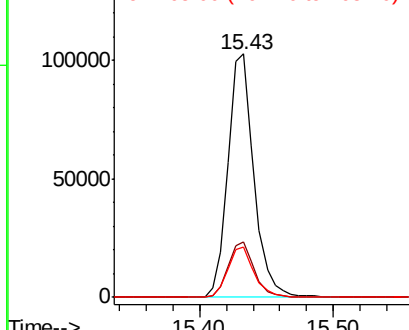
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF117022.D
Acq: 13 Sep 2019 14:41

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion:264 Resp: 140775
Ion Ratio Lower Upper
264 100
260 22.7 17.6 26.4
265 20.8 16.6 24.8

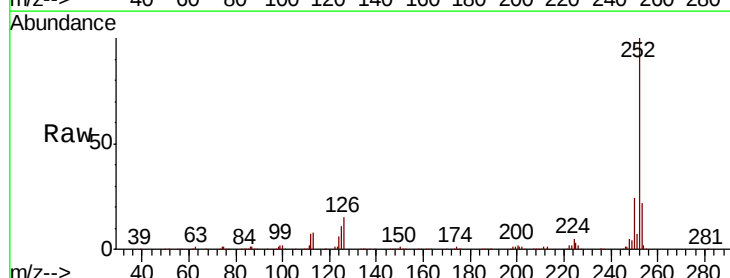


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

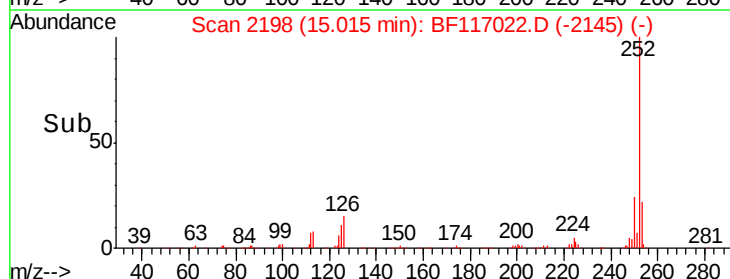
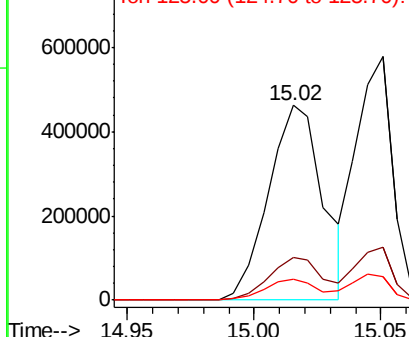


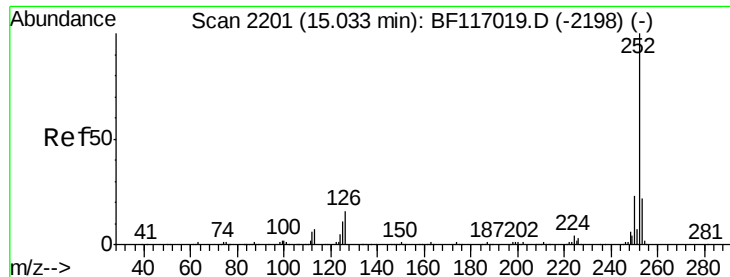
#88
Benzo(b)fluoranthene
Concen: 81.547 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF117022.D
Acq: 13 Sep 2019 14:41

Tgt Ion:252 Resp: 694048
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 10.9 8.6 12.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

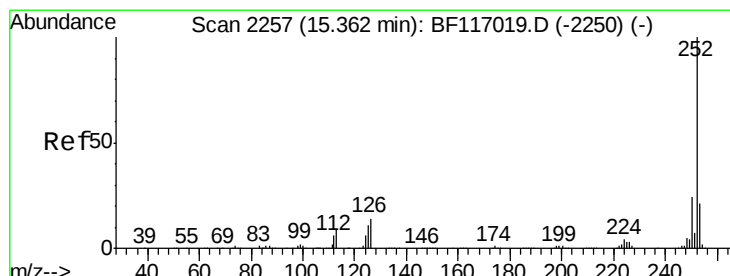
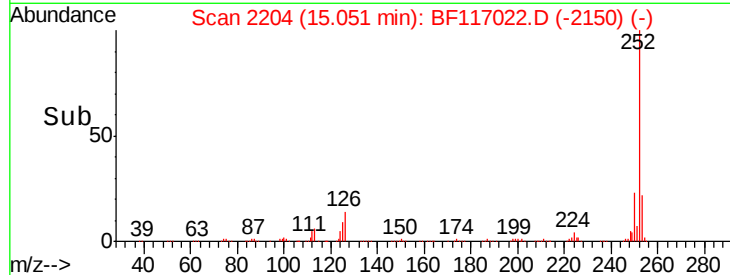
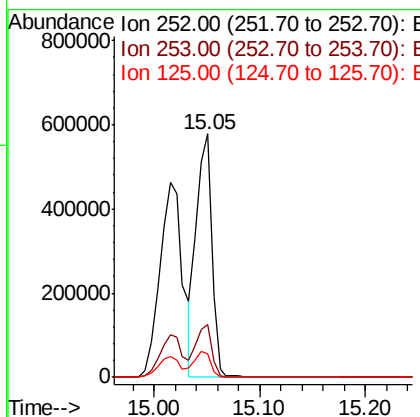
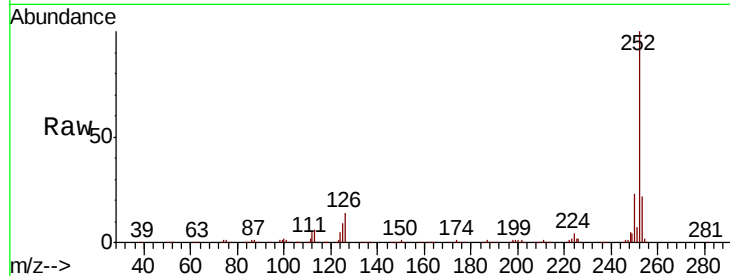




#89
Benzo(k)fluoranthene
Concen: 75.281 ng
RT: 15.05 min Scan# 2204
Delta R.T. 0.02 min
Lab File: BF117022.D
Acq: 13 Sep 2019 14:41

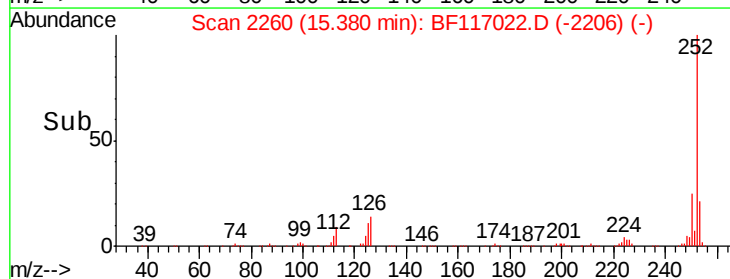
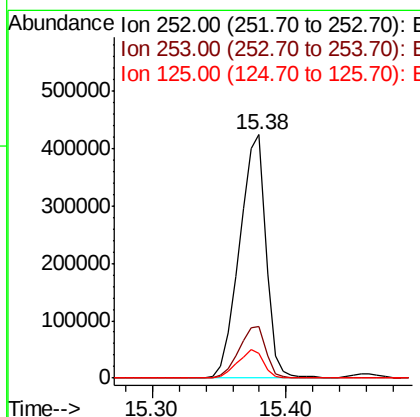
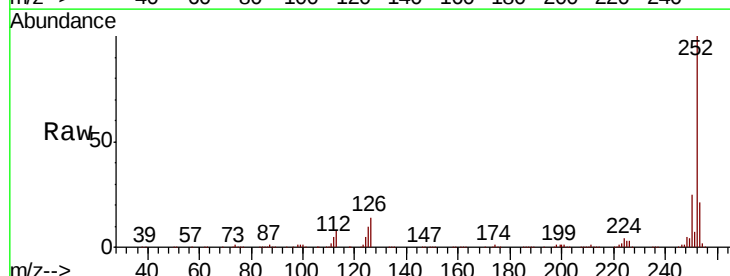
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

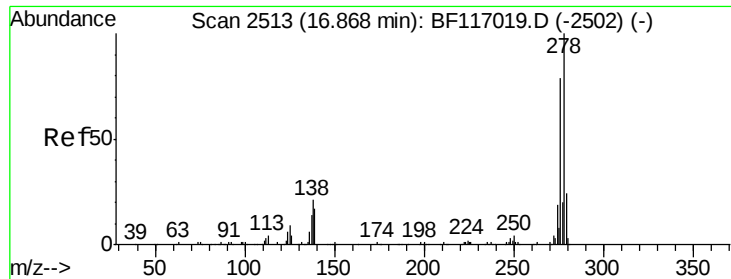
Tot Ion:252 Resp: 584192
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.2
125 9.4 8.8 13.2



#90
Benzo(a)pyrene
Concen: 78.794 ng
RT: 15.38 min Scan# 2260
Delta R.T. 0.02 min
Lab File: BF117022.D
Acq: 13 Sep 2019 14:41

Tgt Ion:252 Resp: 583449
Ion Ratio Lower Upper
252 100
253 21.3 16.6 25.0
125 10.4 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 76.845 ng

RT: 16.89 min Scan# 2517

Delta R.T. 0.02 min

Lab File: BF117022.D

Acq: 13 Sep 2019 14:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

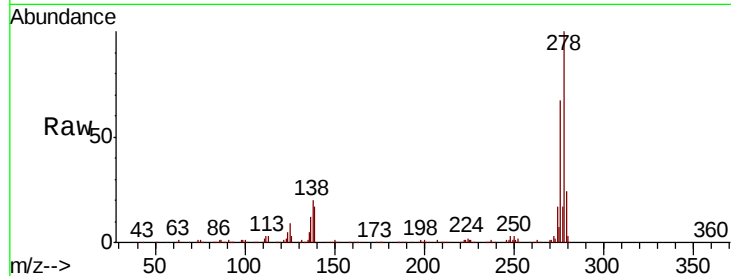
Tot Ion:278 Resp: 498064

Ion Ratio Lower Upper

278 100

139 16.6 13.5 20.3

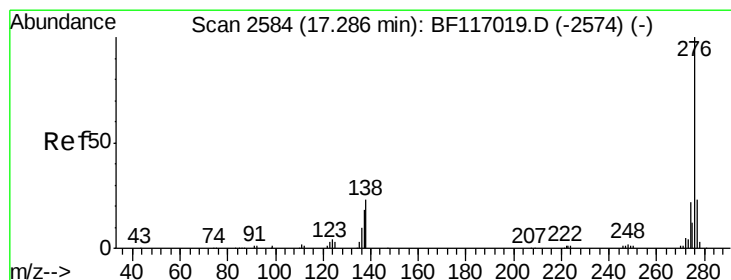
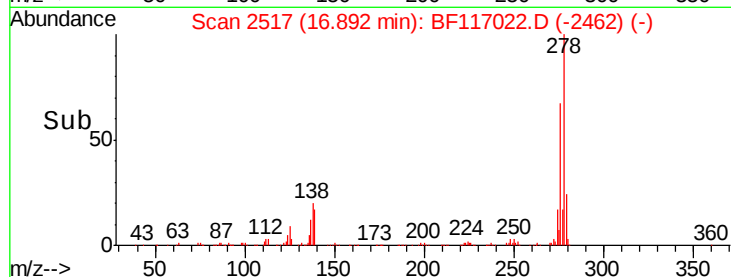
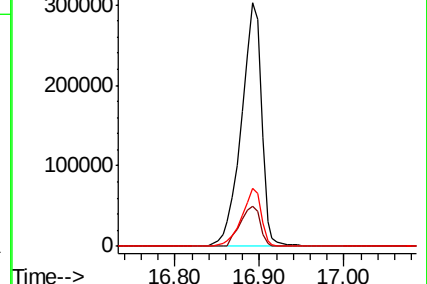
279 23.7 18.8 28.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 76.778 ng

RT: 17.32 min Scan# 2589

Delta R.T. 0.03 min

Lab File: BF117022.D

Acq: 13 Sep 2019 14:41

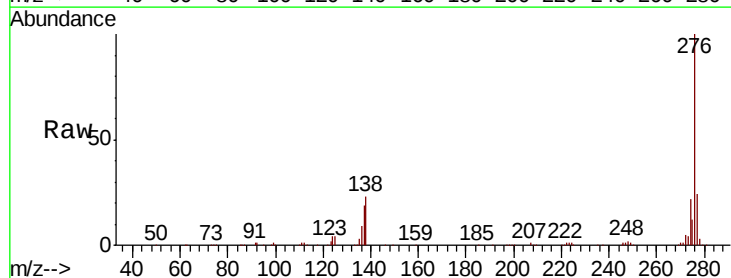
Tgt Ion:276 Resp: 507518

Ion Ratio Lower Upper

276 100

277 23.7 18.6 27.8

138 22.7 18.0 27.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

