

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
 Data File : BF117021.D
 Acq On : 13 Sep 2019 14:15
 Operator : HP/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 13 14:50:10 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	97742	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	406755	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	204483	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	335507	20.00	ng	0.00
76) Chrysene-d12	13.98	240	219516	20.00	ng	0.00
87) Perylene-d12	15.42	264	189892	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	744932	123.47	ng	0.00
7) Phenol-d6	6.47	99	964684	121.77	ng	0.02
23) Nitrobenzene-d5	7.40	82	933558	131.02	ng	0.01
42) 2,4,6-Tribromophenol	10.65	330	202491	148.13	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1484164	122.44	ng	0.01
79) Terphenyl-d14	12.92	244	1395371	117.59	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	162476	58.338	ng	98
3) Pyridine	3.31	79	440856	54.670	ng	98
4) n-Nitrosodimethylamine	3.28	42	157934	57.035	ng	95
6) Aniline	6.50	93	627541	57.191	ng	98
8) 2-Chlorophenol	6.62	128	397950	60.423	ng	99
9) Benzaldehyde	6.37	77	218610	41.885	ng	99
10) Phenol	6.49	94	528072	60.196	ng	91
11) bis(2-Chloroethyl)ether	6.57	93	405808	59.409	ng	97
12) 1,3-Dichlorobenzene	6.77	146	446270	59.953	ng	98
13) 1,4-Dichlorobenzene	6.85	146	457275	61.704	ng	99
14) 1,2-Dichlorobenzene	7.00	146	421560	61.383	ng	97
15) Benzyl Alcohol	6.97	79	377837	58.754	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	389950	48.658	ng	97
17) 2-Methylphenol	7.09	107	339232	58.838	ng	94
18) Hexachloroethane	7.34	117	177968	61.811	ng	96
19) n-Nitroso-di-n-propylamine	7.25	70	297776	57.086	ng	96
20) 3+4-Methylphenols	7.25	107	418417	62.417	ng	# 89
22) Acetophenone	7.25	105	605777	61.860	ng	# 98
24) Nitrobenzene	7.42	77	461057	63.624	ng	99
25) Isophorone	7.66	82	817052	56.590	ng	99
26) 2-Nitrophenol	7.73	139	207001	76.834	ng	96
27) 2,4-Dimethylphenol	7.77	122	307022	56.427	ng	100
28) bis(2-Chloroethoxy)methane	7.86	93	495438	56.153	ng	100
29) 2,4-Dichlorophenol	7.97	162	324417	62.042	ng	99
30) 1,2,4-Trichlorobenzene	8.05	180	343740	60.607	ng	99
31) Naphthalene	8.13	128	1132143	58.534	ng	100
32) Benzoic acid	7.93	122	250403	81.505	ng	99
33) 4-Chloroaniline	8.18	127	507995	57.699	ng	99
34) Hexachlorobutadiene	8.25	225	194806	62.995	ng	98
35) Caprolactam	8.57	113	87177	44.548	ng	92
36) 4-Chloro-3-methylphenol	8.67	107	374299	62.280	ng	97
37) 2-Methylnaphthalene	8.82	142	758453	58.936	ng	99
38) 1-Methylnaphthalene	8.92	142	718783	59.168	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	312401	63.731	ng	98

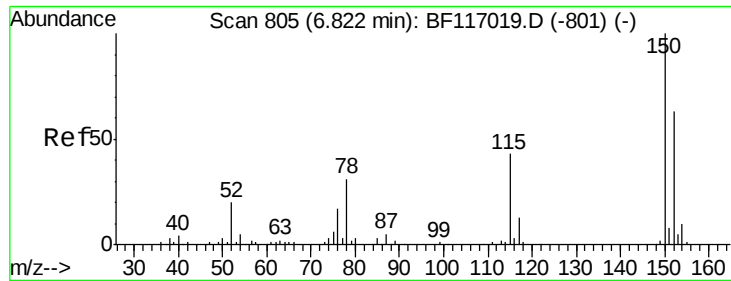
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
 Data File : BF117021.D
 Acq On : 13 Sep 2019 14:15
 Operator : HP/JU
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 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
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 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)
41) Hexachlorocyclopentadiene	8.97	237	139562	49.304	nq	100
43) 2,4,6-Trichlorophenol	9.10	196	216186	64.337	nq	99
44) 2,4,5-Trichlorophenol	9.15	196	225949	64.770	nq	95
46) 1,1'-Biphenyl	9.29	154	930238	59.952	nq	99
47) 2-Chloronaphthalene	9.31	162	729448	59.355	nq	98
48) 2-Nitroaniline	9.40	65	249842	70.320	nq	92
49) Acenaphthylene	9.72	152	1103990	59.427	nq	99
50) Dimethylphthalate	9.59	163	850197	60.223	nq	99
51) 2,6-Dinitrotoluene	9.65	165	178905	66.421	nq	98
52) Acenaphthene	9.90	154	657296	57.584	nq	99
53) 3-Nitroaniline	9.82	138	224031	66.370	nq	100
54) 2,4-Dinitrophenol	9.93	184	76379	96.523	nq	93
55) Dibenzofuran	10.07	168	954675	59.329	nq	99
56) 4-Nitrophenol	9.98	139	156190	67.483	nq	99
57) 2,4-Dinitrotoluene	10.06	165	235185	71.409	nq	95
58) Fluorene	10.41	166	771082	62.890	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.14	232	165776	65.845	nq	92
60) Diethylphthalate	10.28	149	815134	57.642	nq	97
61) 4-Chlorophenyl-phenylether	10.40	204	334622	62.325	nq	99
62) 4-Nitroaniline	10.44	138	235948	72.027	nq	98
63) Azobenzene	10.56	77	846059	57.377	nq	98
65) 4,6-Dinitro-2-methylphenol	10.47	198	99219	87.565	nq	98
66) n-Nitrosodiphenylamine	10.52	169	677053	58.335	nq	99
67) 4-Bromophenyl-phenylether	10.89	248	198044	58.106	nq	99
68) Hexachlorobenzene	10.96	284	220826	61.926	nq	94
69) Atrazine	11.04	200	148460	45.671	nq	99
70) Pentachlorophenol	11.15	266	112176	65.029	nq	98
71) Phenanthrene	11.37	178	1076198	57.623	nq	100
72) Anthracene	11.42	178	1105976	58.827	nq	98
73) Carbazole	11.57	167	1054461	58.880	nq	99
74) Di-n-butylphthalate	11.90	149	1240720	54.042	nq	100
75) Fluoranthene	12.55	202	1122577	61.161	nq	99
77) Benzidine	12.67	184	402835	46.787	nq	97
78) Pyrene	12.78	202	1126486	57.729	nq	99
80) Butylbenzylphthalate	13.39	149	537520	56.644	nq	96
81) Benzo(a)anthracene	13.97	228	878454	63.229	nq	100
82) 3,3'-Dichlorobenzidine	13.93	252	258745	55.110	nq	96
83) Chrysene	14.00	228	833949	58.264	nq	100
84) Bis(2-ethylhexyl)phthalate	13.94	149	676487	57.751	nq	99
85) Di-n-octyl phthalate	14.56	149	1030176	53.741	nq	99
86) Indeno(1,2,3-cd)pyrene	16.88	276	640796	55.737	nq	99
88) Benzo(b)fluoranthene	15.01	252	664022	57.839	nq	99
89) Benzo(k)fluoranthene	15.04	252	652283	62.314	nq	99
90) Benzo(a)pyrene	15.37	252	599162	59.987	nq	97
91) Dibenzo(a,h)anthracene	16.89	278	515623	58.977	nq	99
92) Benzo(g,h,i)perylene	17.30	276	527415	59.150	nq	99

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

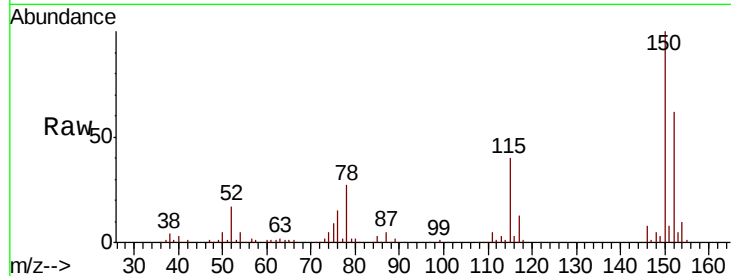


#1

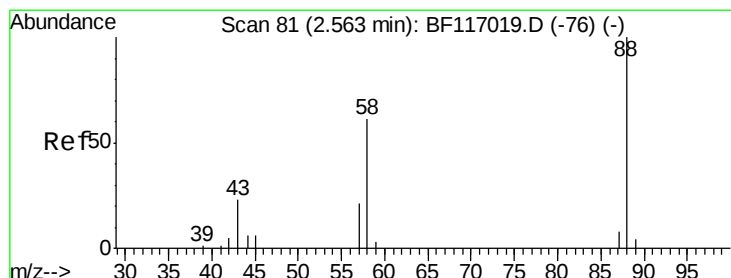
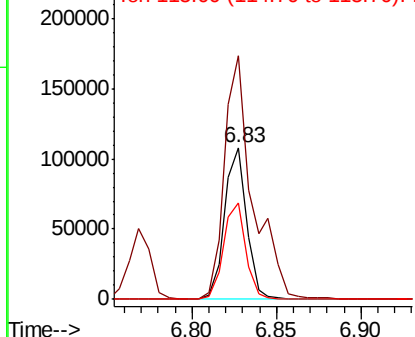
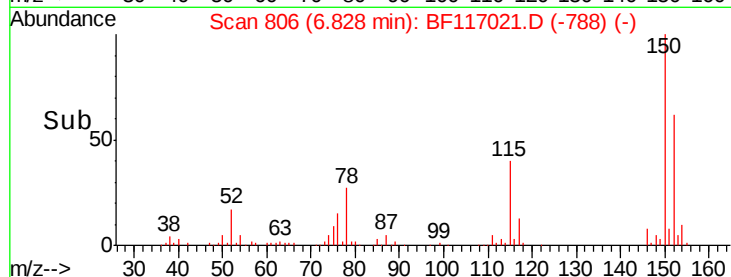
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF117021.D
Acq: 13 Sep 2019 14:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 97742
Ion Ratio Lower Upper
152 100
150 160.3 127.5 191.3
115 63.4 55.0 82.4



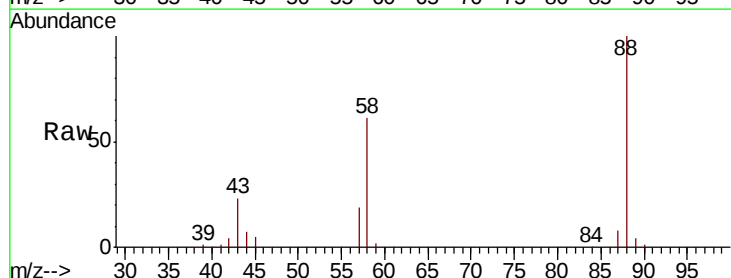
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



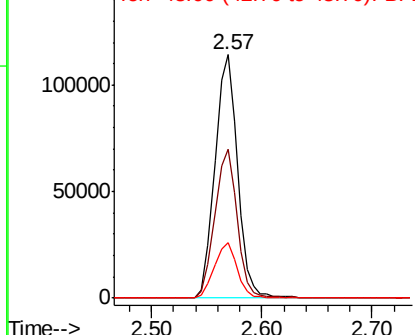
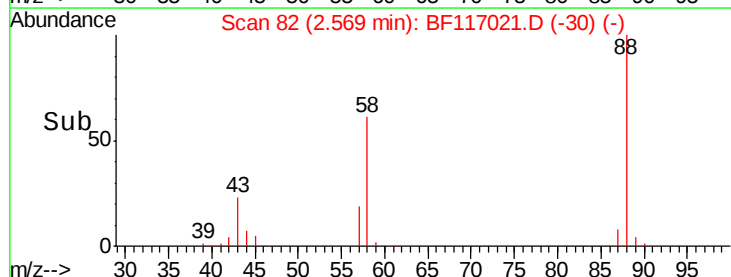
#2

1,4-Dioxane
Concen: 58.338 ng
RT: 2.57 min Scan# 82
Delta R.T. 0.01 min
Lab File: BF117021.D
Acq: 13 Sep 2019 14:15

Tgt Ion: 88 Resp: 162476
Ion Ratio Lower Upper
88 100
58 60.3 49.3 73.9
43 22.8 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: 54.670 ng

RT: 3.31 min Scan# 208

Delta R.T. 0.01 min

Lab File: BF117021.D

Acq: 13 Sep 2019 14:15

Instrument :

BNA_F

ClientSampleId :

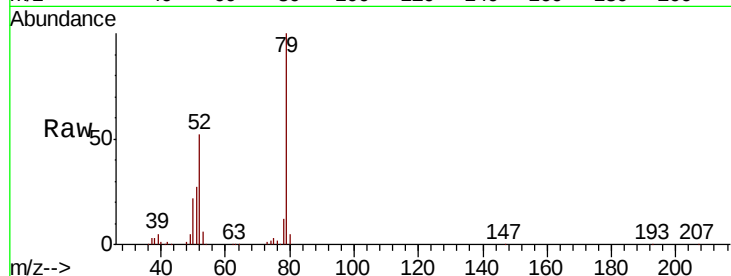
Tot Ion: 79 Resp: 440856

Ion Ratio Lower Upper

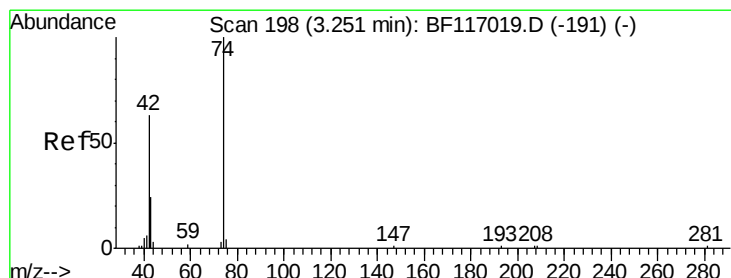
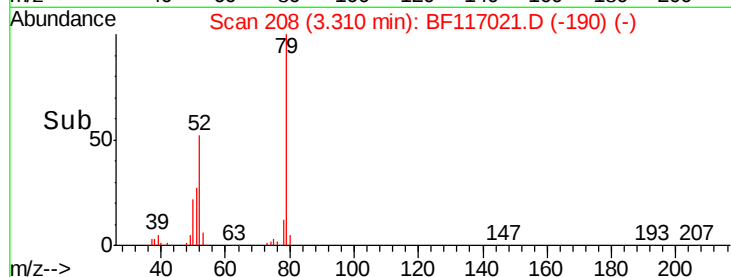
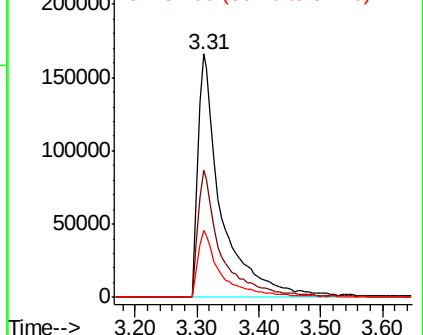
79 100

52 52.1 43.5 65.3

51 27.3 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: 57.035 ng

RT: 3.28 min Scan# 203

Delta R.T. 0.03 min

Lab File: BF117021.D

Acq: 13 Sep 2019 14:15

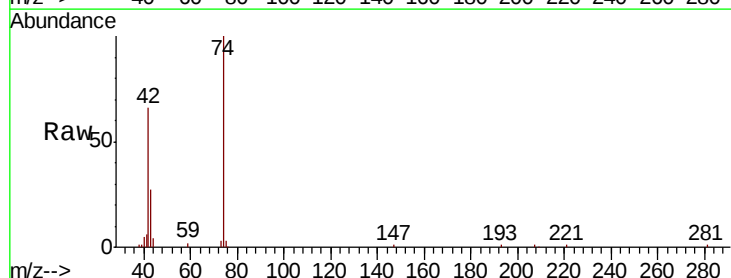
Tgt Ion: 42 Resp: 157934

Ion Ratio Lower Upper

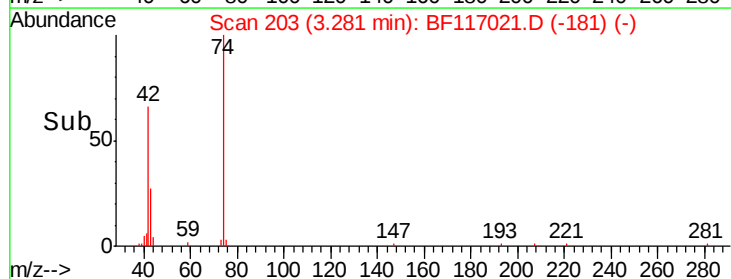
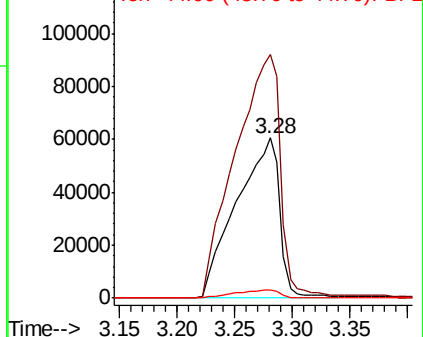
42 100

74 152.3 127.1 190.7

44 5.3 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: 123.471 ng

RT: 5.45 min Scan# 571

Delta R.T. 0.01 min

Lab File: BF117021.D

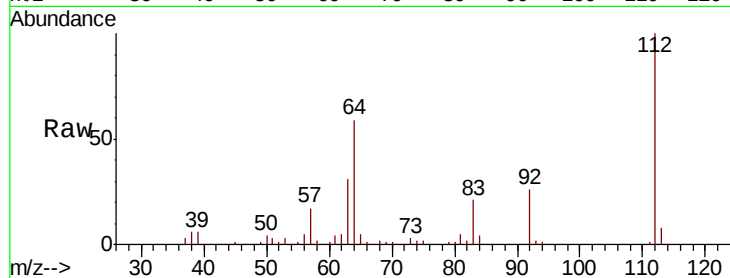
Acq: 13 Sep 2019 14:15

Instrument :

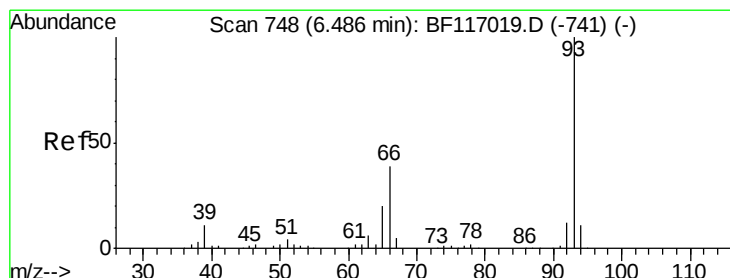
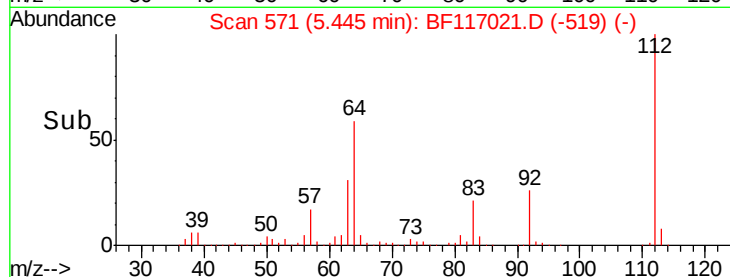
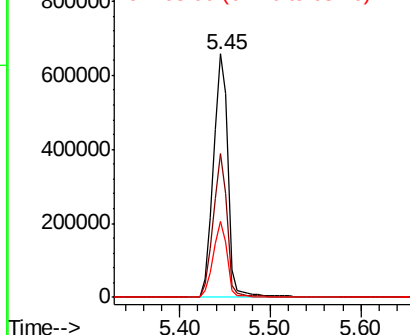
BNA_F

ClientSampled :

Tot Ion:	112	Resp:	744932
Ion	Ratio	Lower	Upper
112	100		
64	59.2	45.7	68.5
63	31.4	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: 57.191 ng

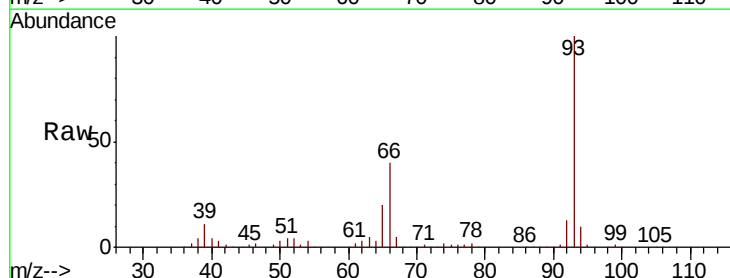
RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

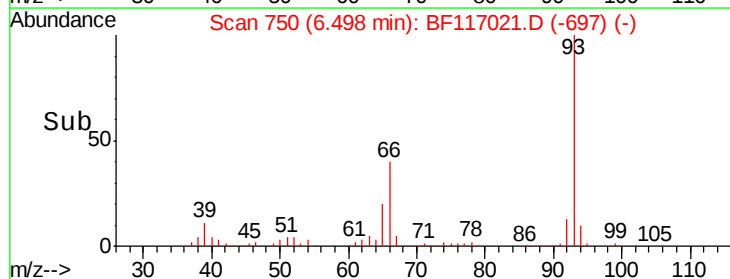
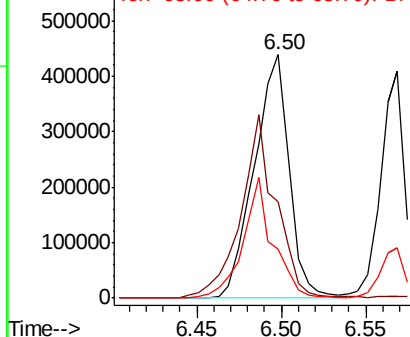
Lab File: BF117021.D

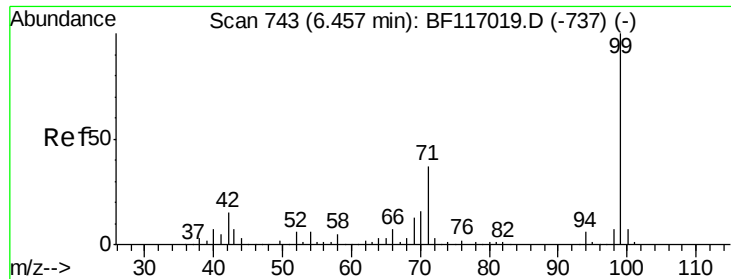
Acq: 13 Sep 2019 14:15

Tgt Ion:	93	Resp:	627541
Ion	Ratio	Lower	Upper
93	100		
66	39.7	32.6	49.0
65	19.9	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: 121.768 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.02 min

Lab File: BF117021.D

Acq: 13 Sep 2019 14:15

Instrument :

BNA_F

ClientSampleId :

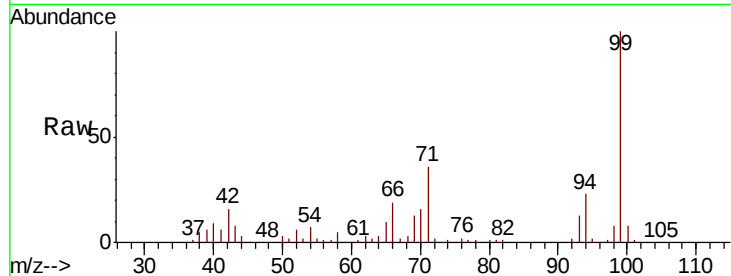
Tot Ion: 99 Resp: 964684

Ion Ratio Lower Upper

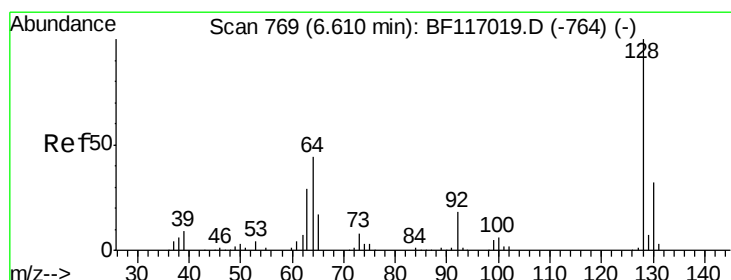
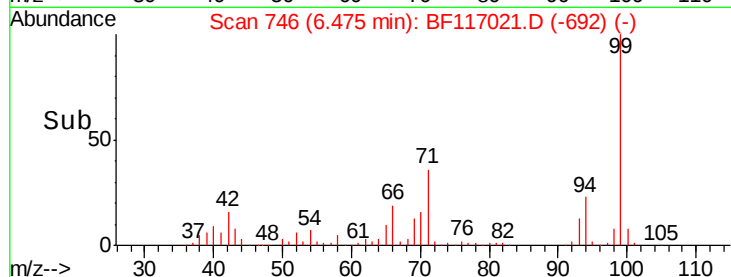
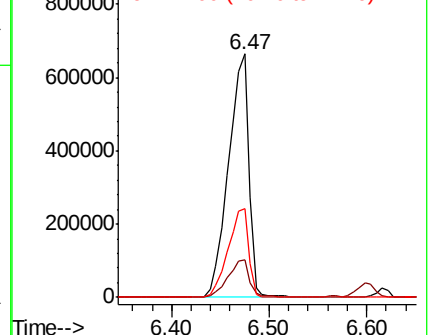
99 100

42 15.6 12.2 18.2

71 36.2 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: 60.423 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF117021.D

Acq: 13 Sep 2019 14:15

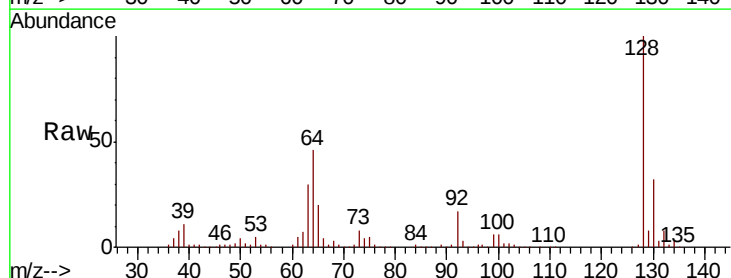
Tgt Ion: 128 Resp: 397950

Ion Ratio Lower Upper

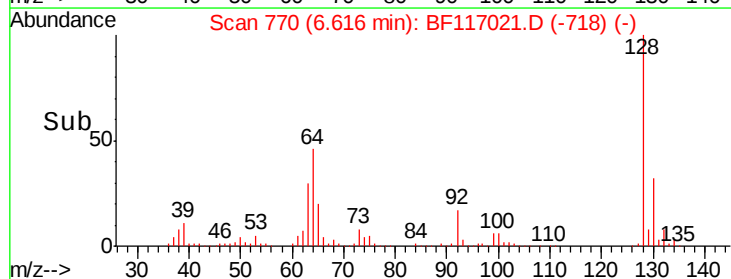
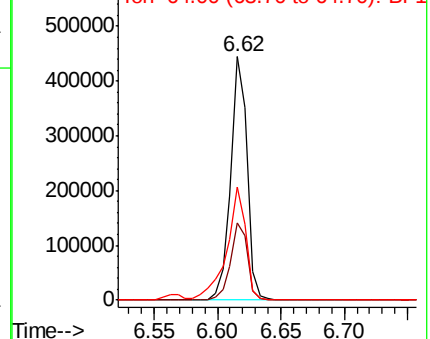
128 100

130 31.8 11.8 51.8

64 46.5 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

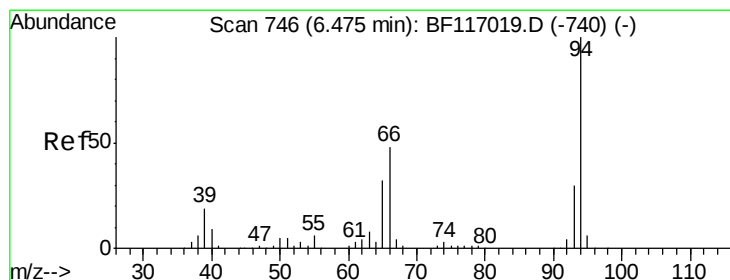
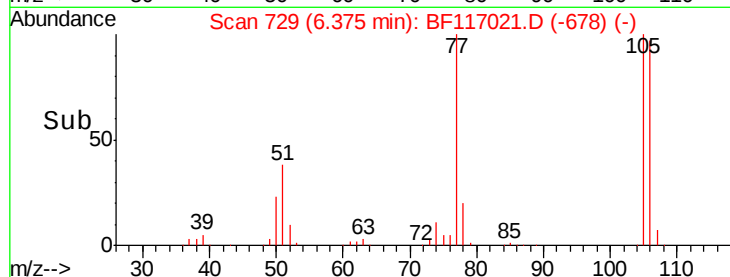
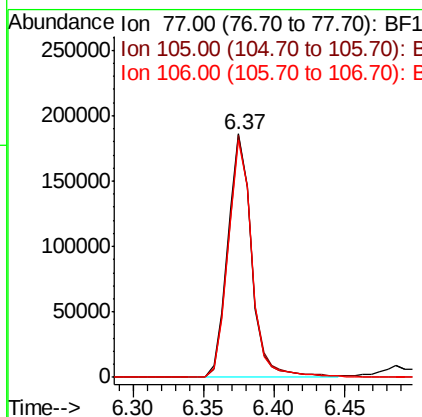
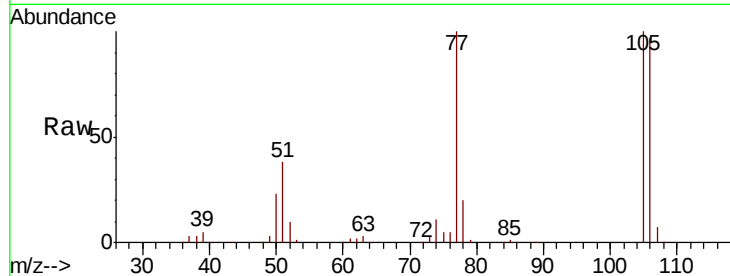




#9
Benzaldehyde
Concen: 41.885 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF117021.D
Acq: 13 Sep 2019 14:15

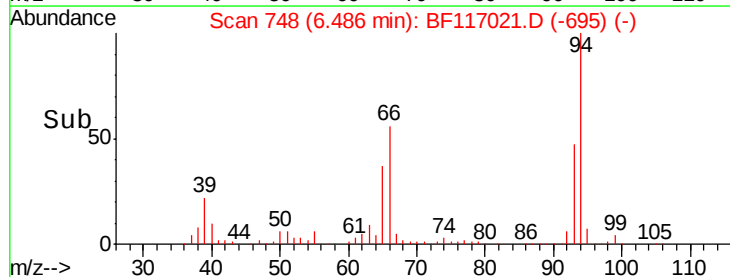
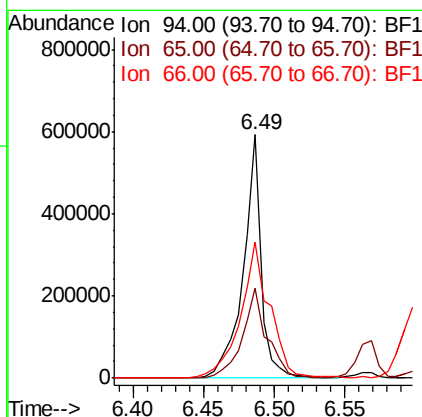
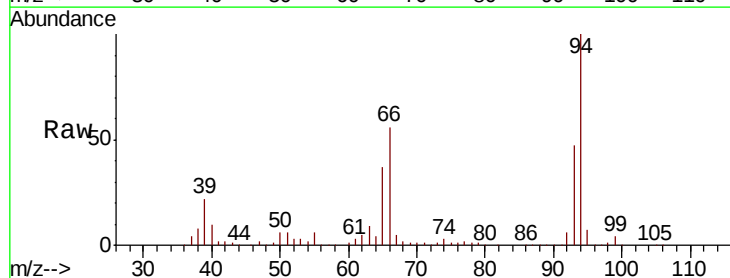
Instrument :
BNA_F
ClientSampleId :

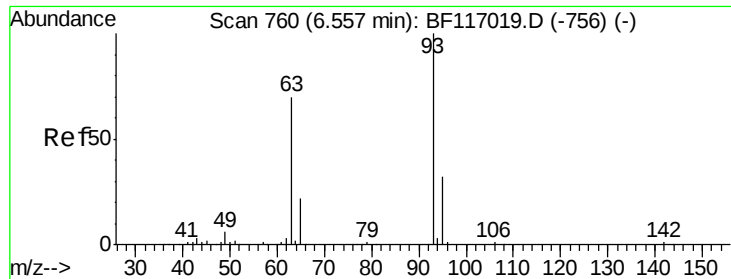
Tot Ion: 77 Resp: 218610
Ion Ratio Lower Upper
77 100
105 99.8 81.8 121.8
106 97.2 77.3 117.3



#10
Phenol
Concen: 60.196 ng
RT: 6.49 min Scan# 748
Delta R.T. 0.01 min
Lab File: BF117021.D
Acq: 13 Sep 2019 14:15

Tgt Ion: 94 Resp: 528072
Ion Ratio Lower Upper
94 100
65 36.8 12.5 52.5
66 55.8 28.9 68.9

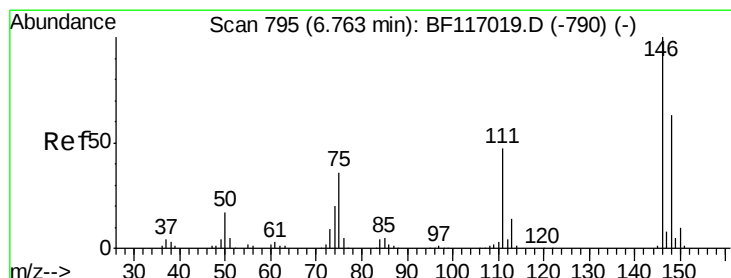
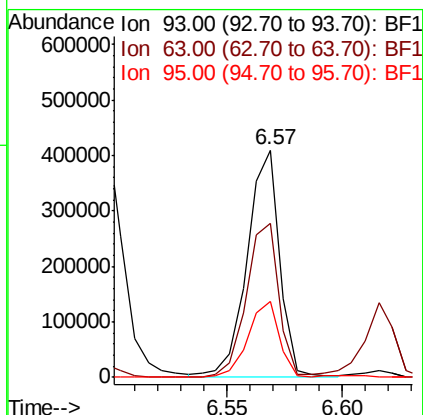
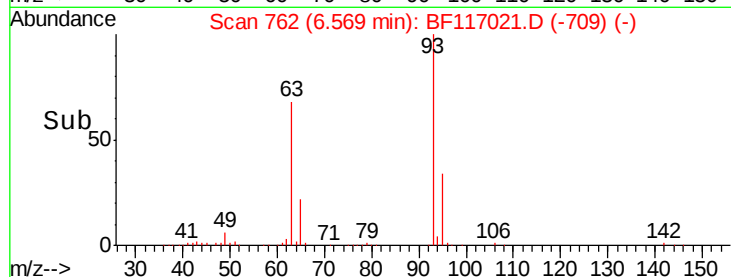
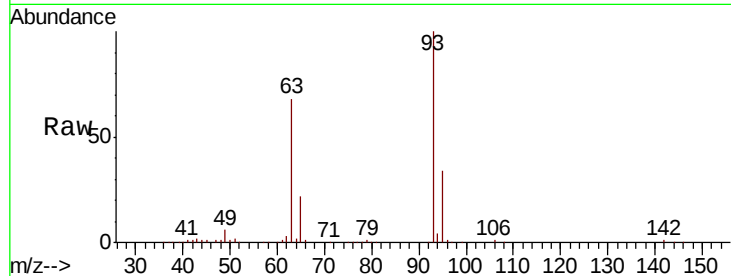




#11
bis(2-Chloroethyl)ether
Concen: 59.409 ng
RT: 6.57 min Scan# 762
Delta R.T. 0.01 min
Lab File: BF117021.D
Acq: 13 Sep 2019 14:15

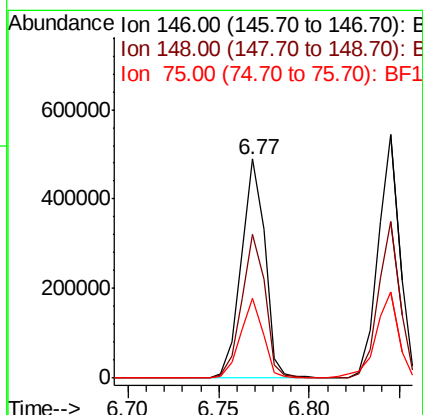
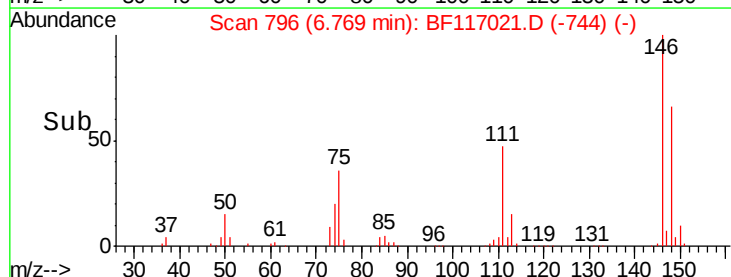
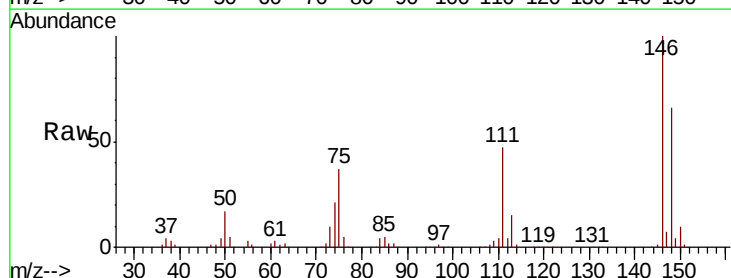
Instrument :
BNA_F
ClientSampled :

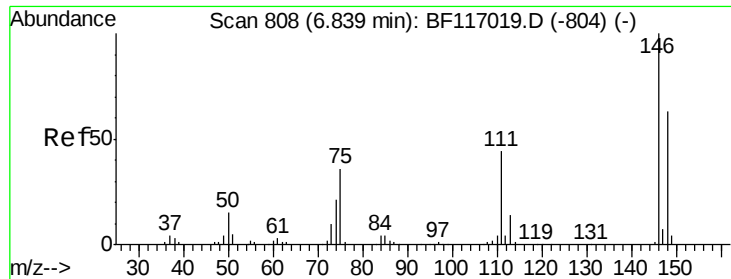
Tot Ion: 93 Resp: 405808
Ion Ratio Lower Upper
93 100
63 67.6 49.3 89.3
95 33.7 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 59.953 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF117021.D
Acq: 13 Sep 2019 14:15

Tgt Ion: 146 Resp: 446270
Ion Ratio Lower Upper
146 100
148 65.6 50.8 76.2
75 36.5 28.7 43.1

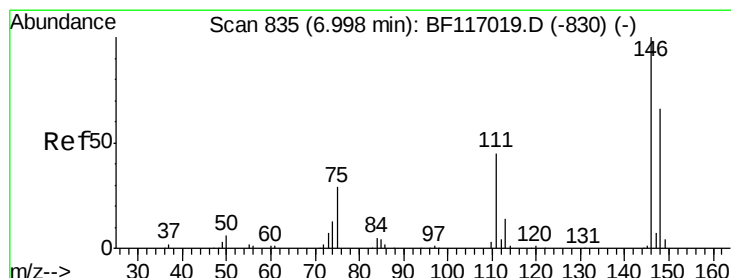
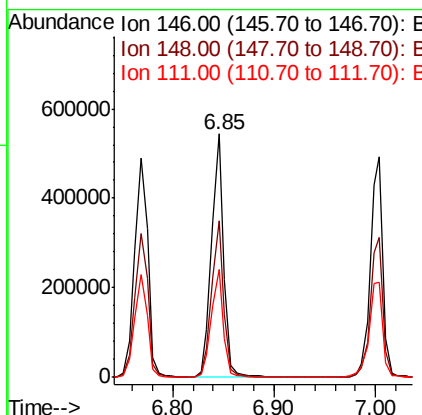
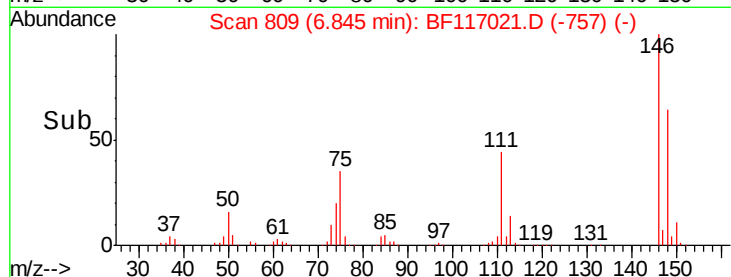
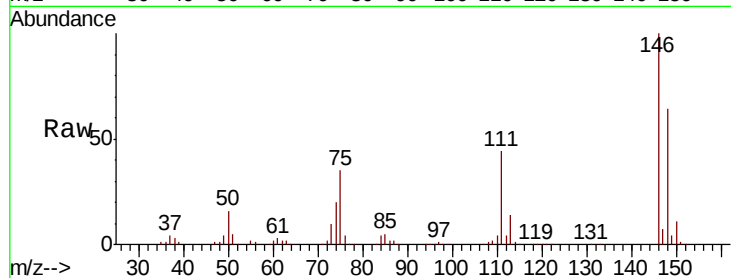




#13
 1,4-Dichlorobenzene
 Concen: 61.704 ng
 RT: 6.85 min Scan# 809
 Delta R.T. 0.01 min
 Lab File: BF117021.D
 Acq: 13 Sep 2019 14:15

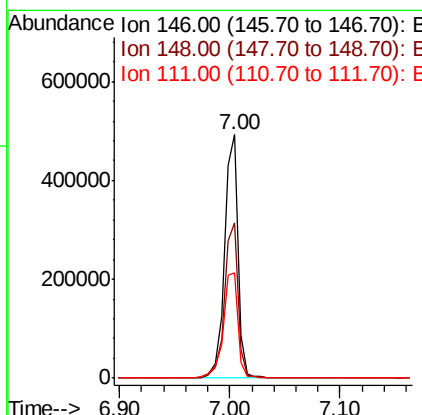
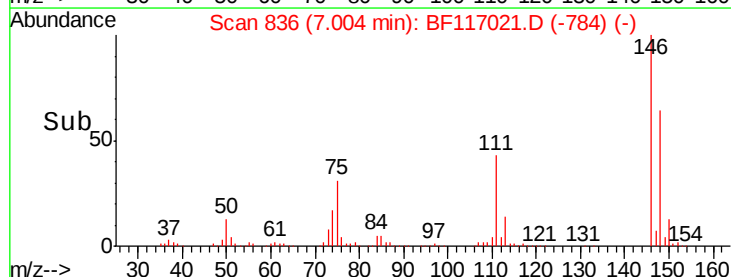
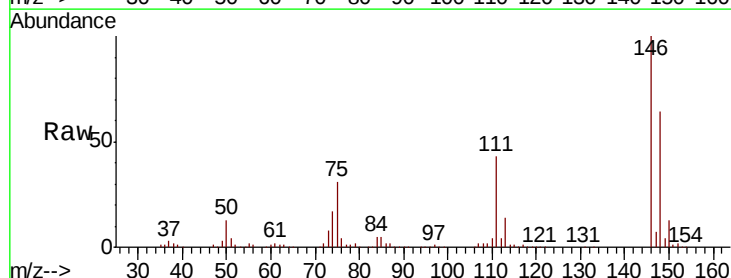
Instrument :
 BNA_F
 ClientSampleId :

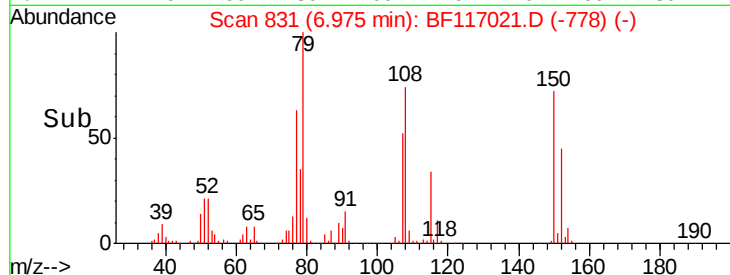
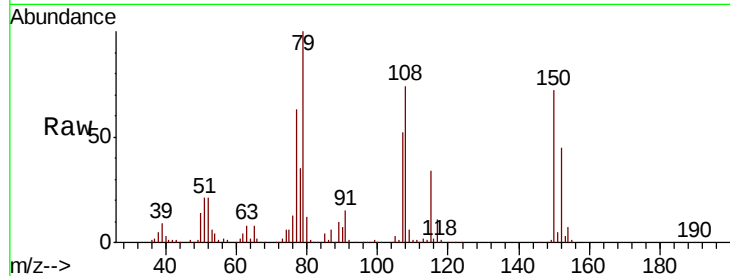
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.6	76.0
111	44.2	35.0	52.6



#14
 1,2-Dichlorobenzene
 Concen: 61.383 ng
 RT: 7.00 min Scan# 836
 Delta R.T. 0.01 min
 Lab File: BF117021.D
 Acq: 13 Sep 2019 14:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	52.6	78.8
111	43.3	36.2	54.2

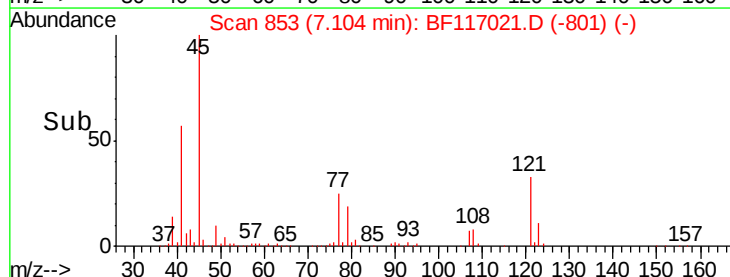
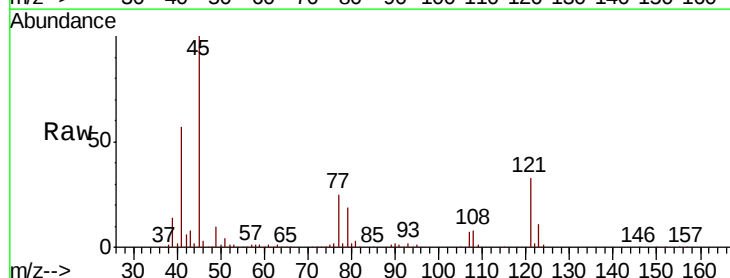
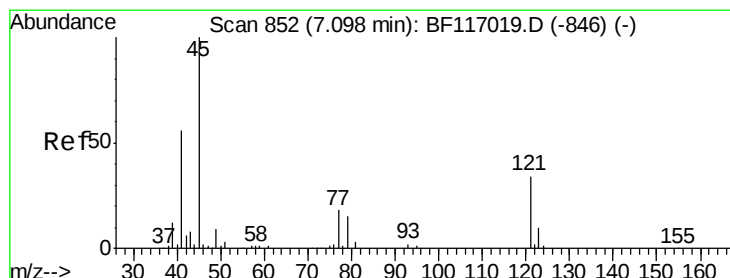
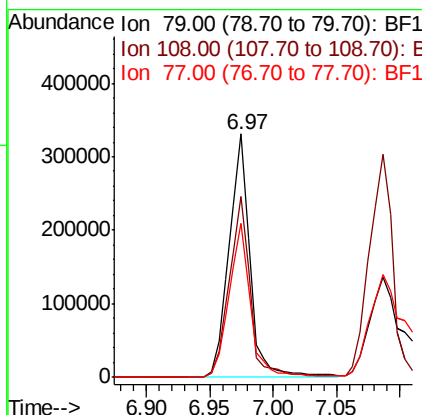




#15
Benzyl Alcohol
Concen: 58.754 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.01 min
Lab File: BF117021.D
Acq: 13 Sep 2019 14:15

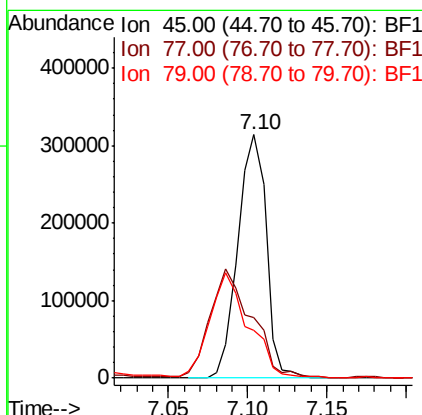
Instrument :
BNA_F
ClientSampleId :

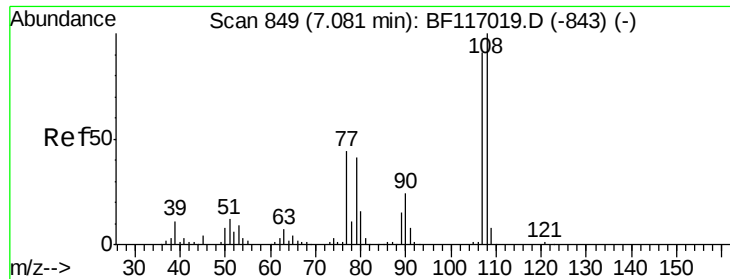
Tot Ion: 79 Resp: 377837
Ion Ratio Lower Upper
79 100
108 74.0 59.4 89.0
77 63.5 50.2 75.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.658 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.01 min
Lab File: BF117021.D
Acq: 13 Sep 2019 14:15

Tgt Ion: 45 Resp: 389950
Ion Ratio Lower Upper
45 100
77 24.6 2.7 42.7
79 19.4 0.0 38.9

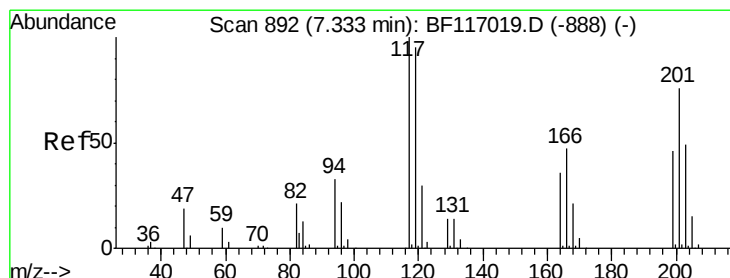
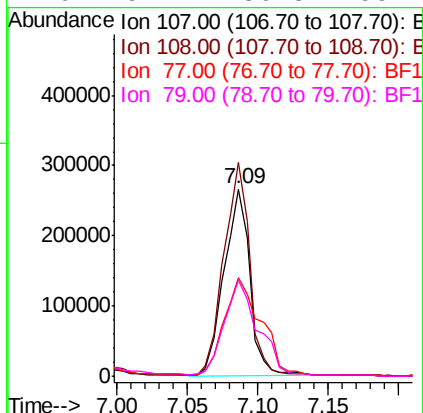
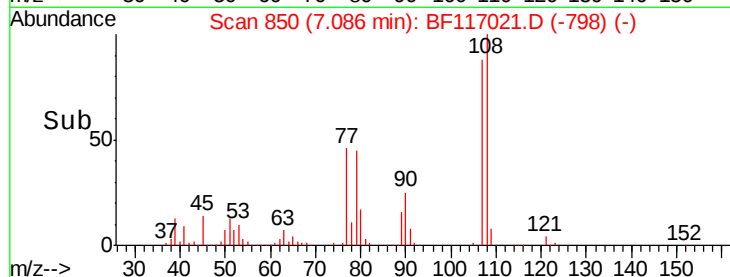
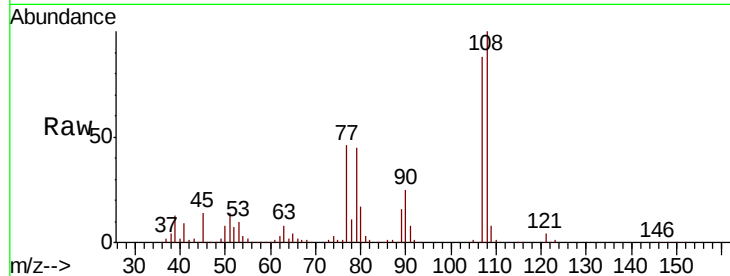




#17
2-Methylphenol
Concen: 58.838 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.01 min
Lab File: BF117021.D
Acq: 13 Sep 2019 14:15

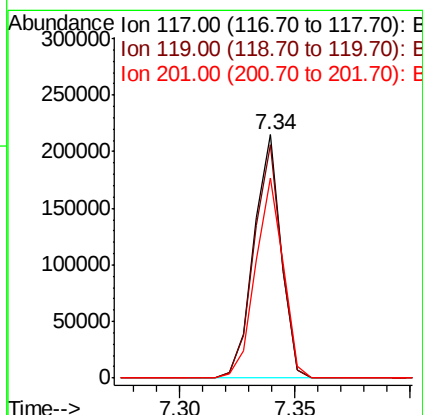
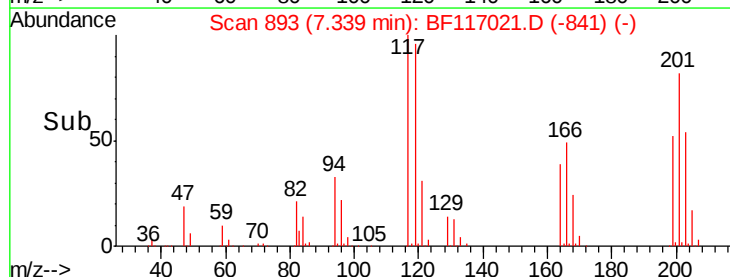
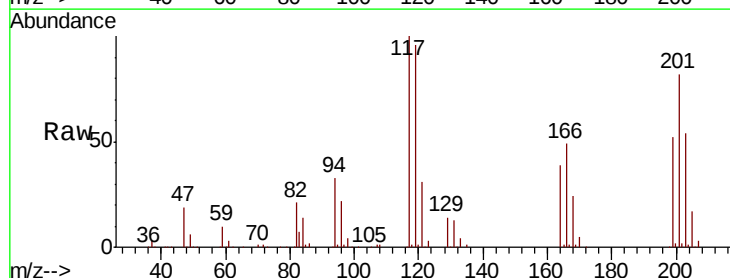
Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.3	87.7	131.5
77	52.8	38.6	58.0
79	51.1	36.8	55.2



#18
Hexachloroethane
Concen: 61.811 ng
RT: 7.34 min Scan# 893
Delta R.T. 0.01 min
Lab File: BF117021.D
Acq: 13 Sep 2019 14:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	75.8	113.8
201	82.2	60.9	91.3

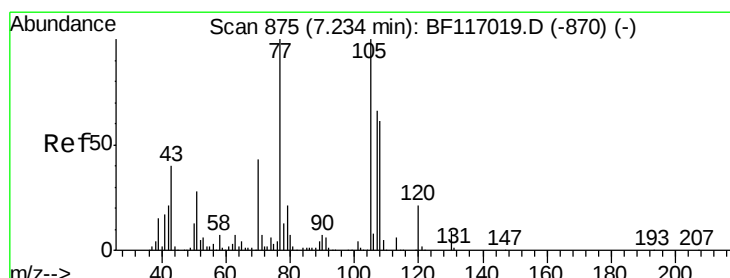
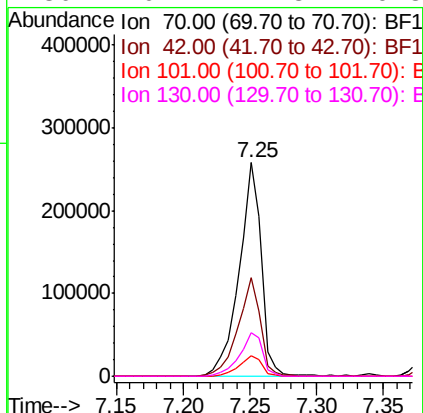
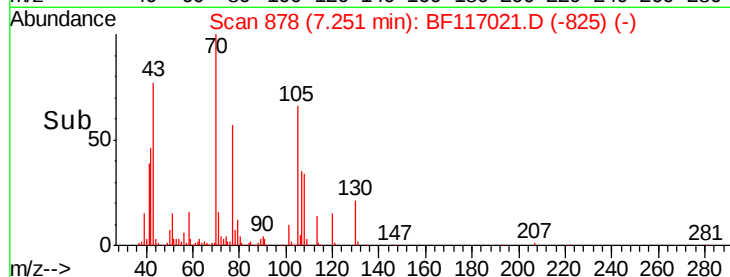
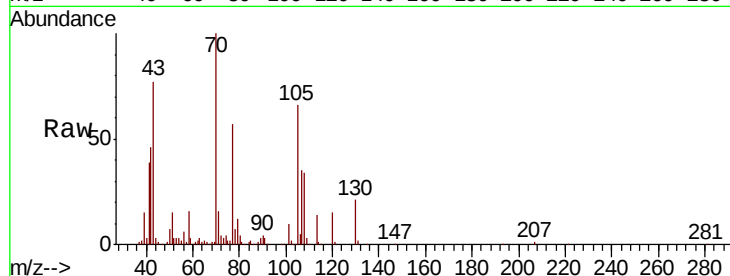




#19
n-Nitroso-di-n-propylamine
Concen: 57.086 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.01 min
Lab File: BF117021.D
Acq: 13 Sep 2019 14:15

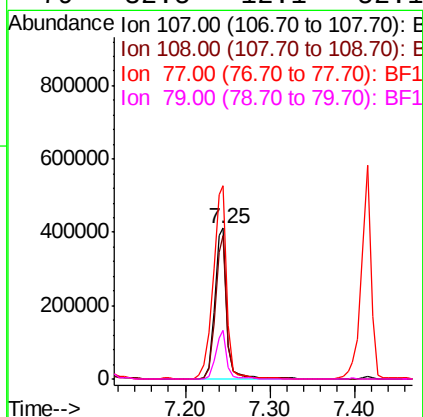
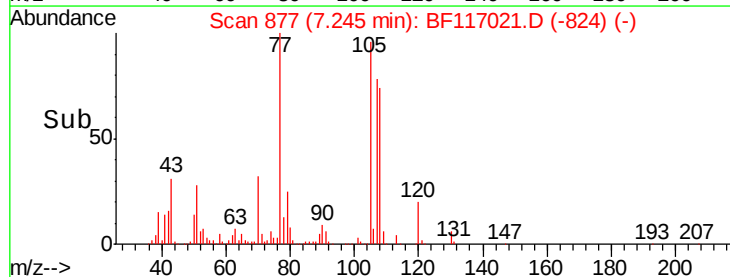
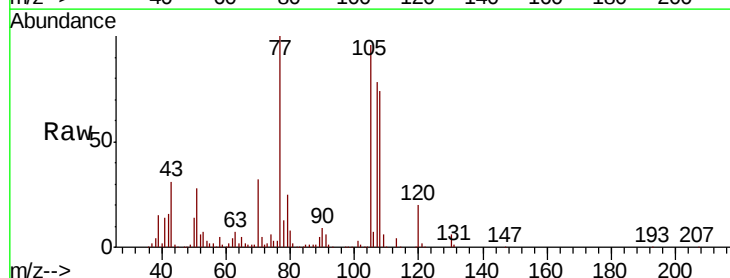
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	297776
Ion	Ratio	Lower	Upper
70	100		
42	46.1	34.0	51.0
101	9.6	7.8	11.6
130	20.7	17.8	26.8



#20
3+4-Methylphenols
Concen: 62.417 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.01 min
Lab File: BF117021.D
Acq: 13 Sep 2019 14:15

Tgt Ion:	107	Resp:	418417
Ion	Ratio	Lower	Upper
107	100		
108	94.9	72.6	112.6
77	128.0	132.1	172.1#
79	32.5	12.1	52.1

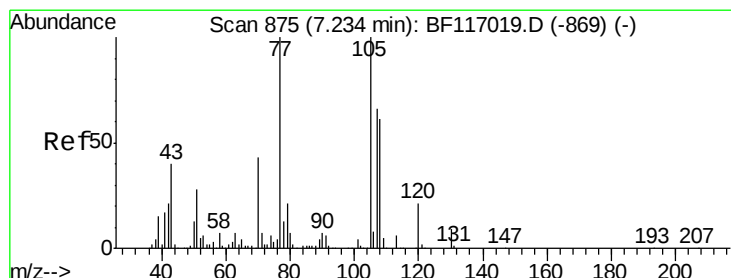
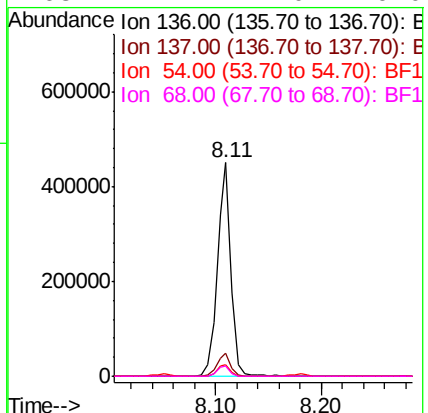
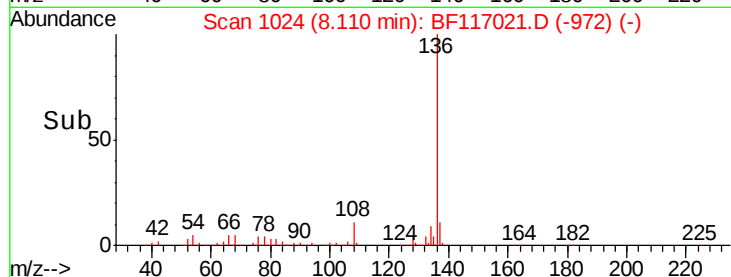
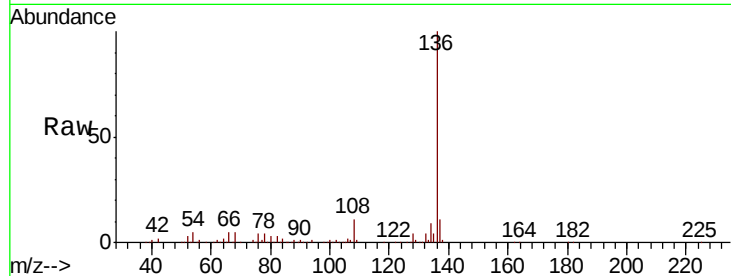




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.01 min
Lab File: BF117021.D
Acq: 13 Sep 2019 14:15

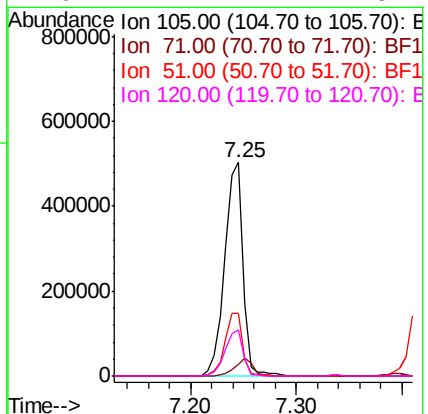
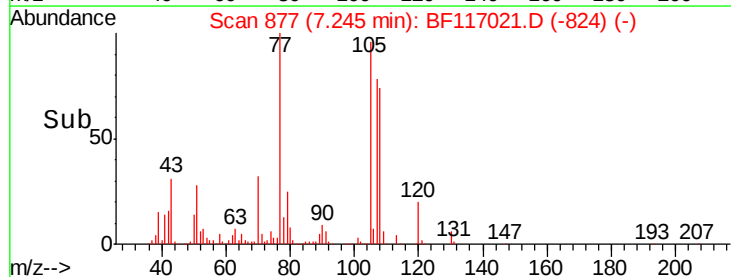
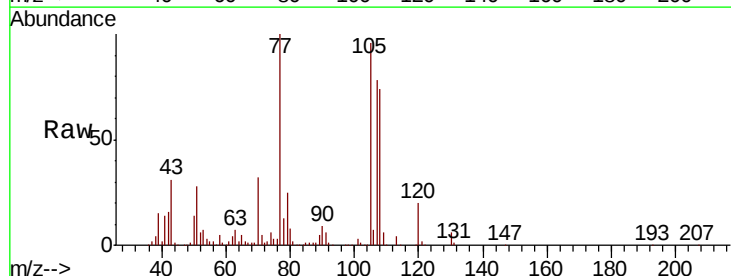
Instrument :
BNA_F
ClientSampleId :

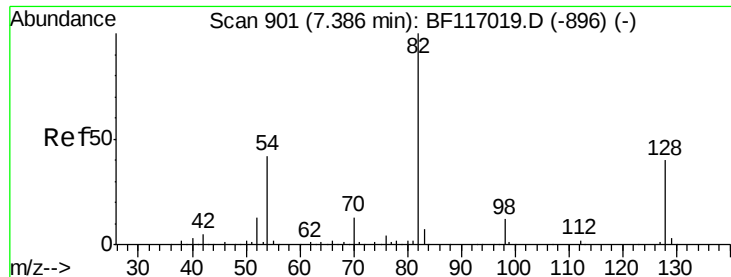
Tot Ion:136	Resp: 406755
Ion Ratio	Lower Upper
136 100	
137 10.6	9.0 13.4
54 5.3	4.5 6.7
68 4.7	4.0 6.0



#22
Acetophenone
Concen: 61.860 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.01 min
Lab File: BF117021.D
Acq: 13 Sep 2019 14:15

Tgt	Ion:105	Resp:	605777
Ion	Ratio	Lower	Upper
105	100		
71	5.4	5.7	8.5#
51	29.5	22.1	33.1
120	21.4	17.1	25.7

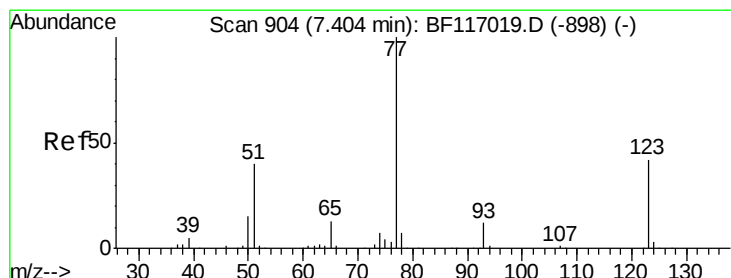
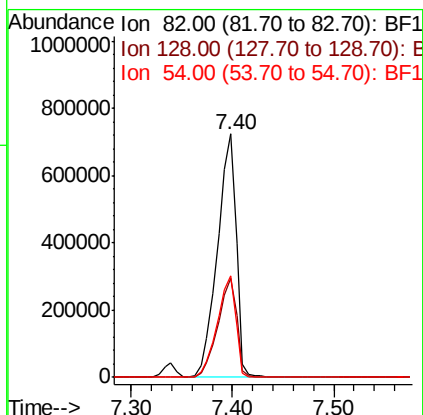
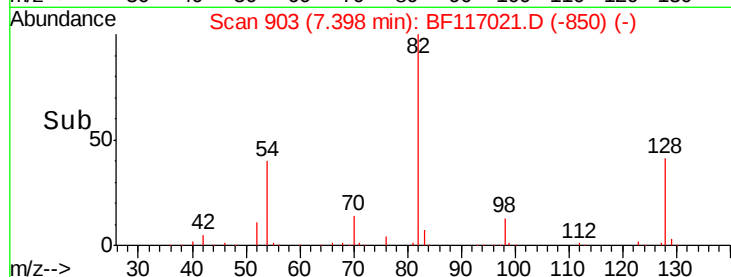
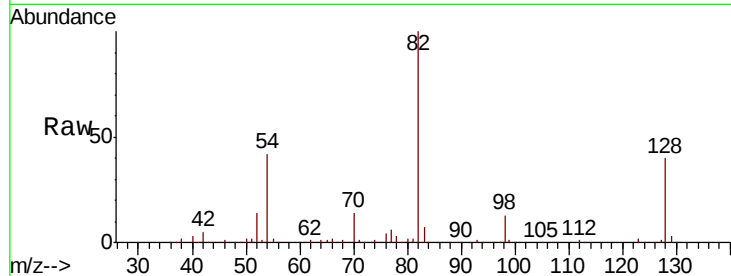




#23
Nitrobenzene-d5
Concen: 131.023 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.01 min
Lab File: BF117021.D
Acq: 13 Sep 2019 14:15

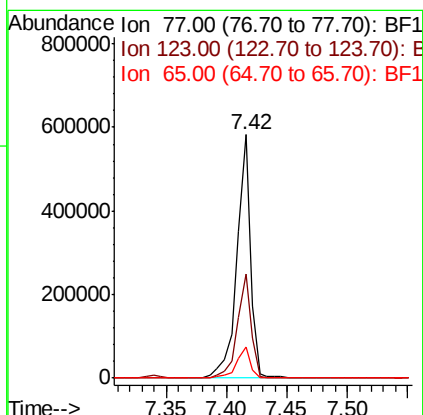
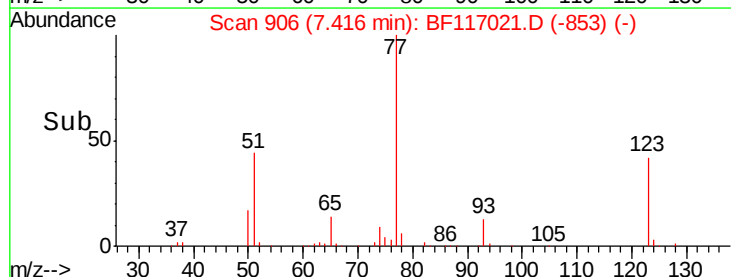
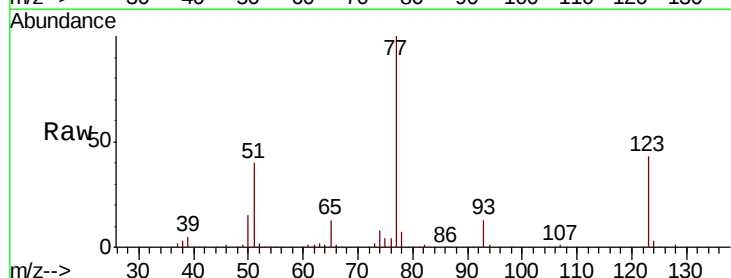
Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 933558
Ion Ratio Lower Upper
82 100
128 40.4 32.3 48.5
54 41.6 33.3 49.9



#24
Nitrobenzene
Concen: 63.624 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.01 min
Lab File: BF117021.D
Acq: 13 Sep 2019 14:15

Tgt Ion: 77 Resp: 461057
Ion Ratio Lower Upper
77 100
123 42.5 33.5 50.3
65 12.6 10.5 15.7

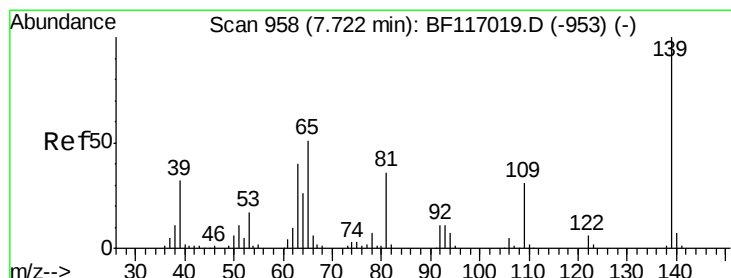
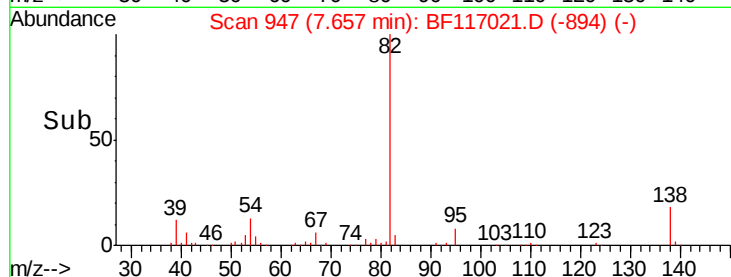
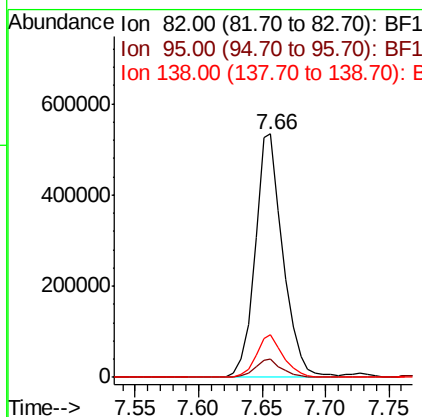
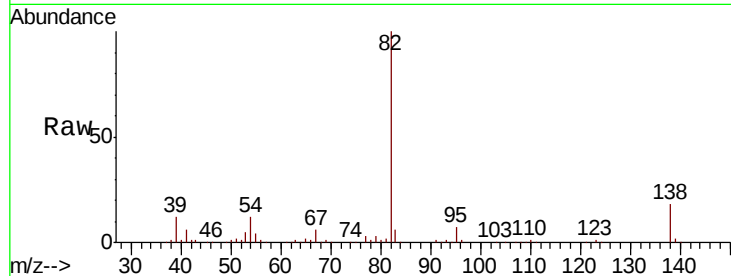




#25
Isophorone
Concen: 56.590 ng
RT: 7.66 min Scan# 947
Delta R.T. 0.01 min
Lab File: BF117021.D
Acq: 13 Sep 2019 14:15

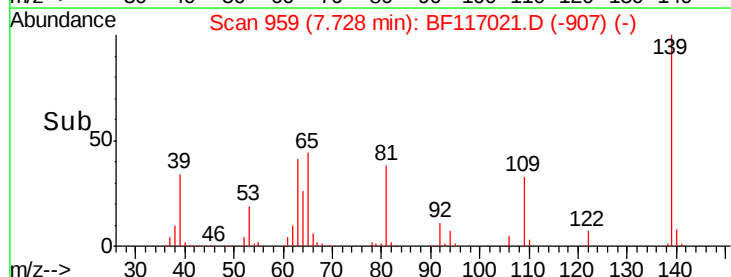
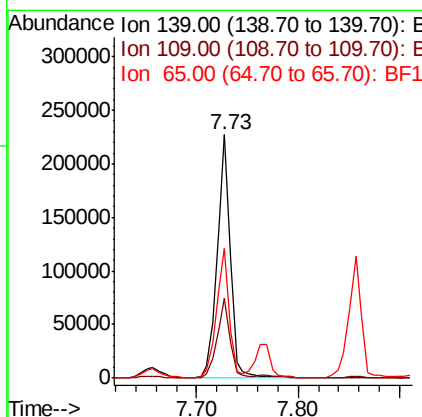
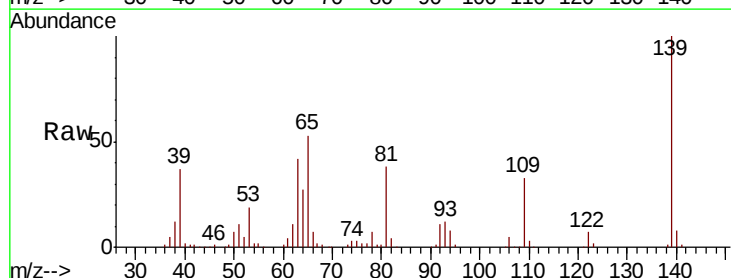
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 817052
Ion Ratio Lower Upper
82 100
95 7.4 5.8 8.6
138 17.6 13.5 20.3



#26
2-Nitrophenol
Concen: 76.834 ng
RT: 7.73 min Scan# 959
Delta R.T. 0.01 min
Lab File: BF117021.D
Acq: 13 Sep 2019 14:15

Tgt Ion: 139 Resp: 207001
Ion Ratio Lower Upper
139 100
109 33.0 24.6 36.8
65 53.3 40.9 61.3





#27

2,4-Dimethylphenol

Concen: 56.427 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.01 min

Lab File: BF117021.D

Acq: 13 Sep 2019 14:15

Instrument :

BNA_F

ClientSampleId :

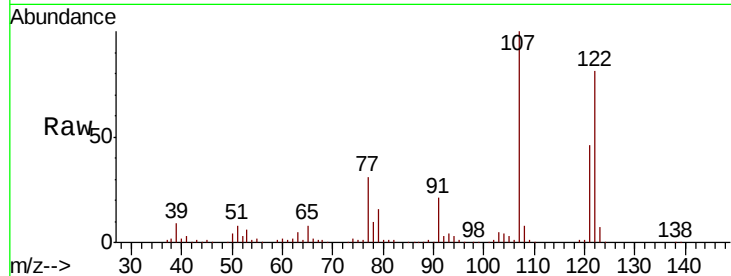
Tot Ion:122 Resp: 307022

Ion Ratio Lower Upper

122 100

107 124.2 98.9 148.3

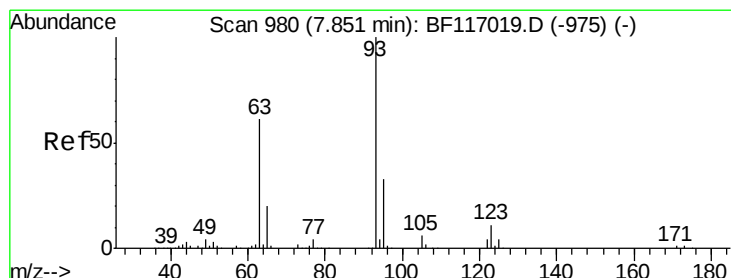
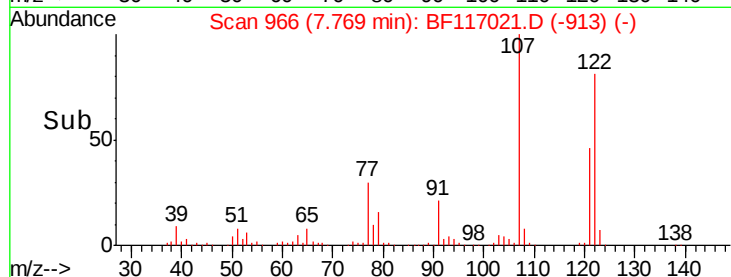
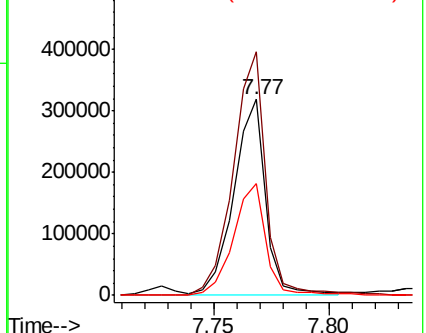
121 56.9 45.3 67.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 56.153 ng

RT: 7.86 min Scan# 981

Delta R.T. 0.01 min

Lab File: BF117021.D

Acq: 13 Sep 2019 14:15

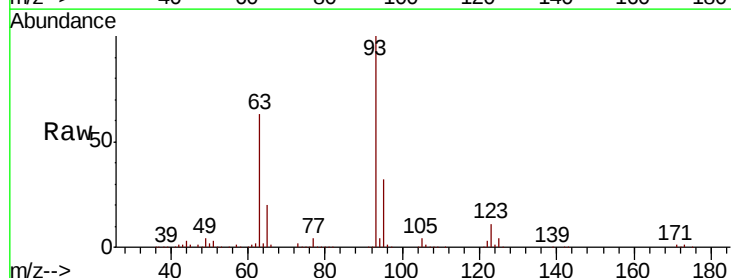
Tgt Ion: 93 Resp: 495438

Ion Ratio Lower Upper

93 100

95 32.5 26.2 39.4

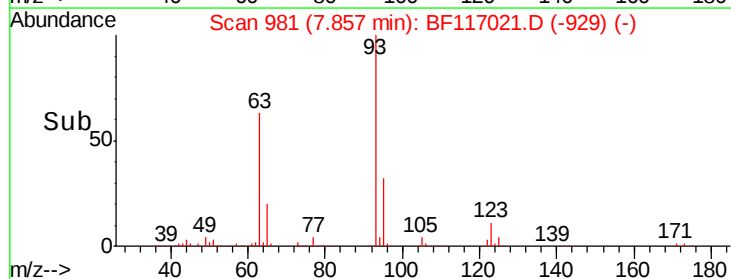
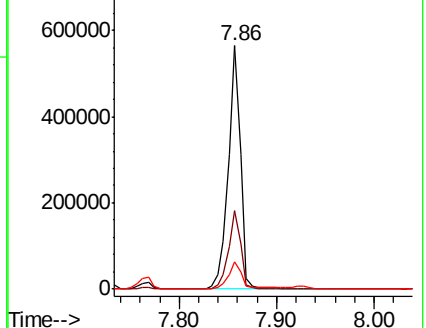
123 11.3 9.0 13.6

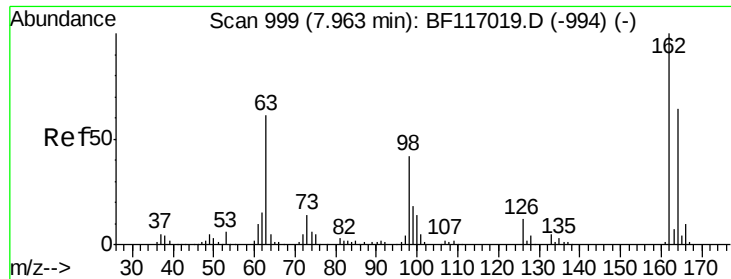


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

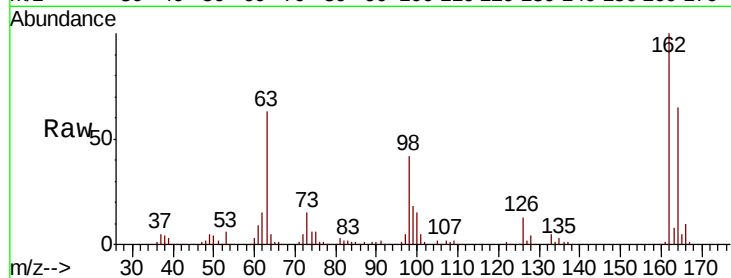




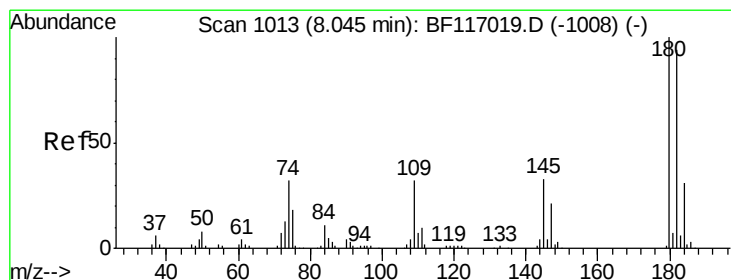
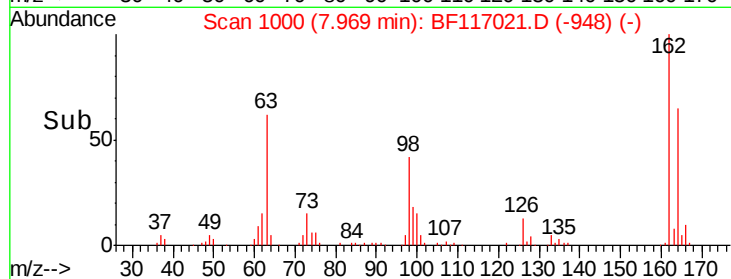
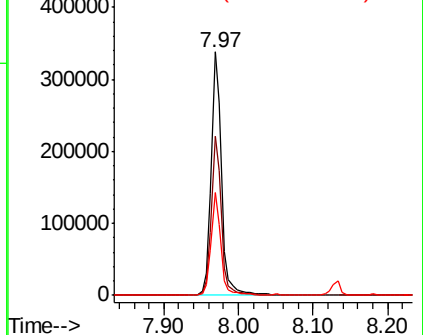
#29
2,4-Dichlorophenol
Concen: 62.042 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.01 min
Lab File: BF117021.D
Acq: 13 Sep 2019 14:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	43.8	83.8
98	42.2	22.1	62.1

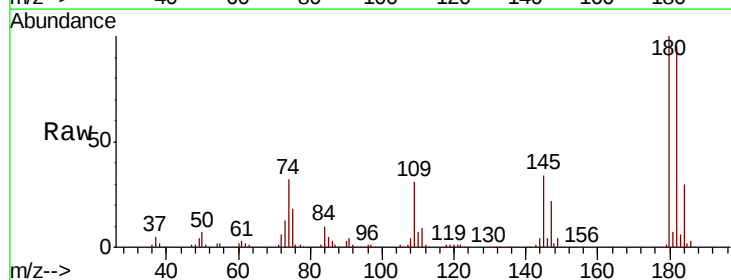


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

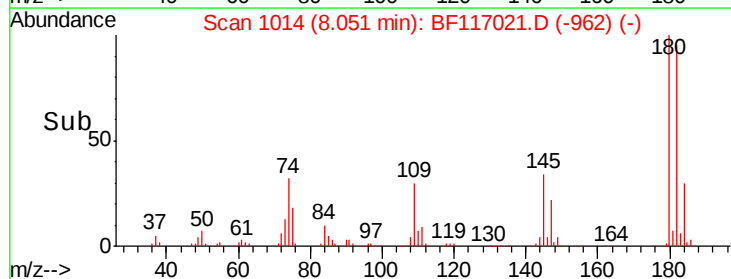
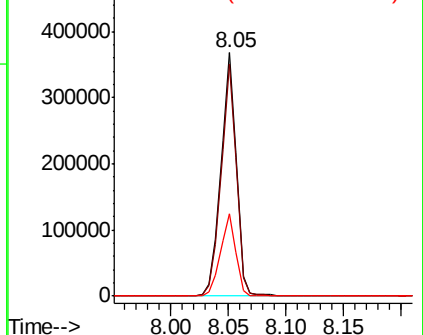


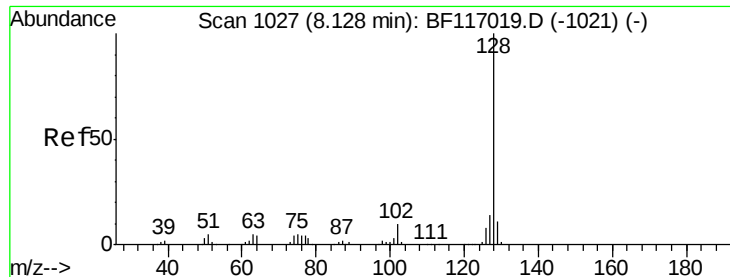
#30
1,2,4-Trichlorobenzene
Concen: 60.607 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.01 min
Lab File: BF117021.D
Acq: 13 Sep 2019 14:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.4	113.0
145	33.9	26.7	40.1



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

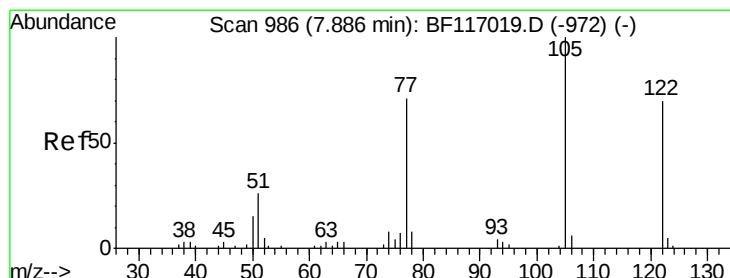
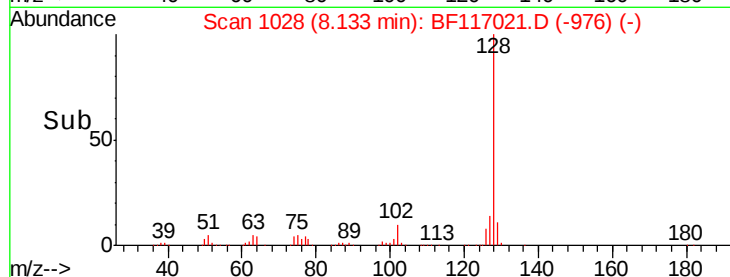
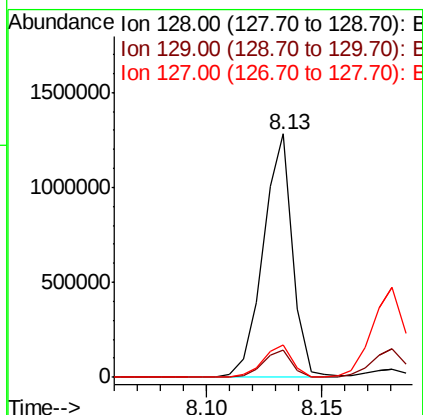
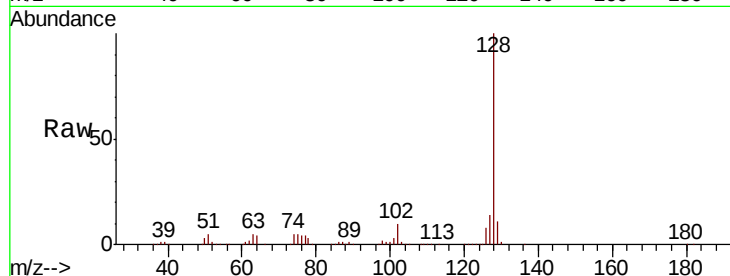




#31
Naphthalene
Concen: 58.534 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.01 min
Lab File: BF117021.D
Acq: 13 Sep 2019 14:15

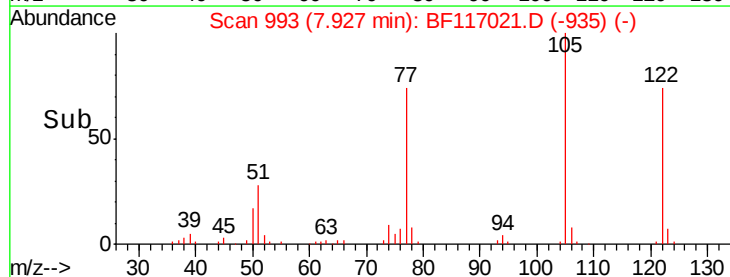
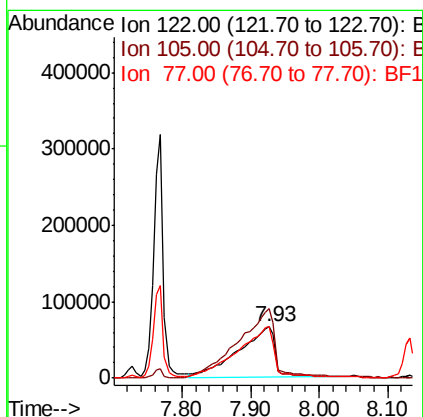
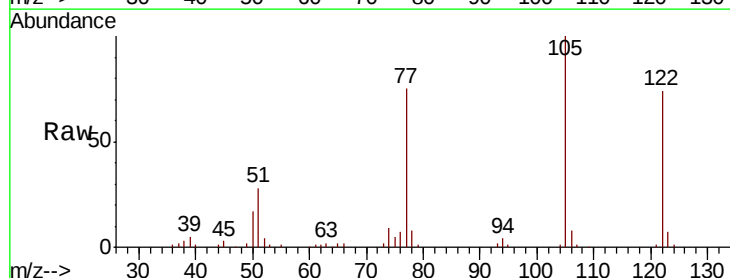
Instrument :
BNA_F
ClientSampleId :

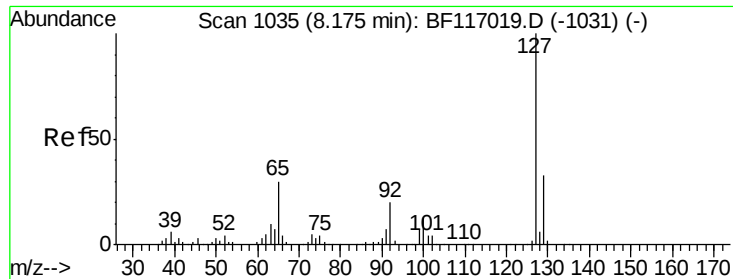
Tot Ion:128 Resp: 1132143
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 81.505 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.04 min
Lab File: BF117021.D
Acq: 13 Sep 2019 14:15

Tgt Ion:122 Resp: 250403
Ion Ratio Lower Upper
122 100
105 134.6 114.8 154.8
77 100.8 78.7 118.7

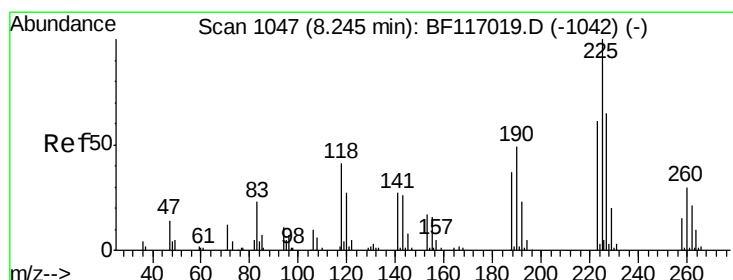
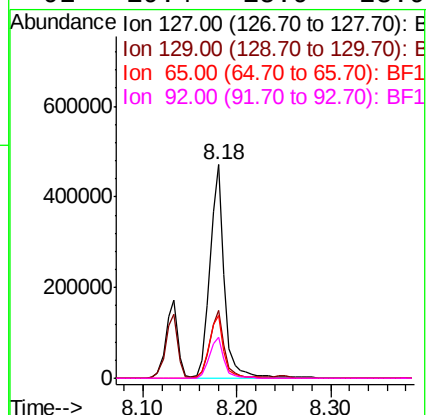
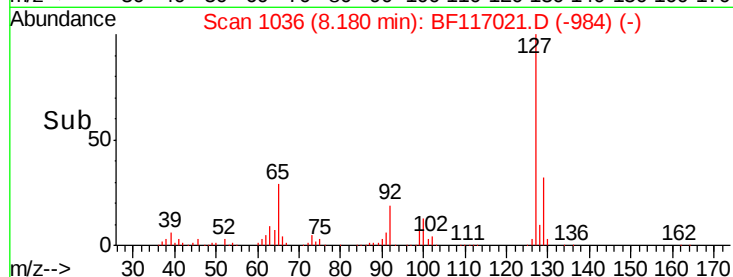
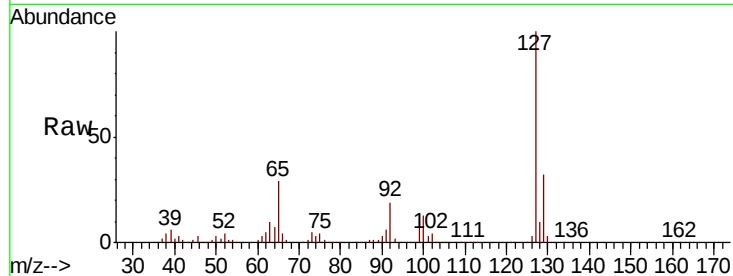




#33
4-Chloroaniline
Concen: 57.699 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.01 min
Lab File: BF117021.D
Acq: 13 Sep 2019 14:15

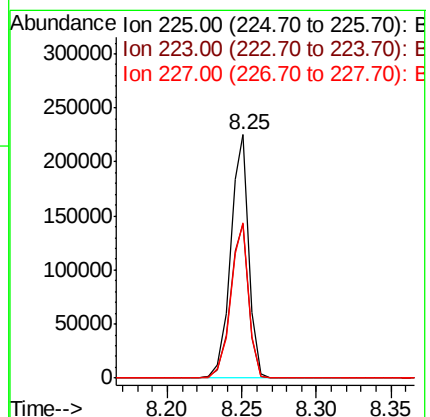
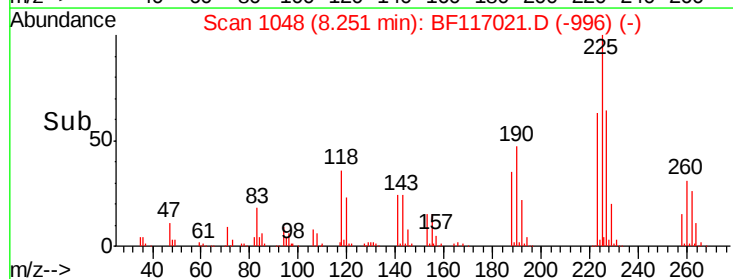
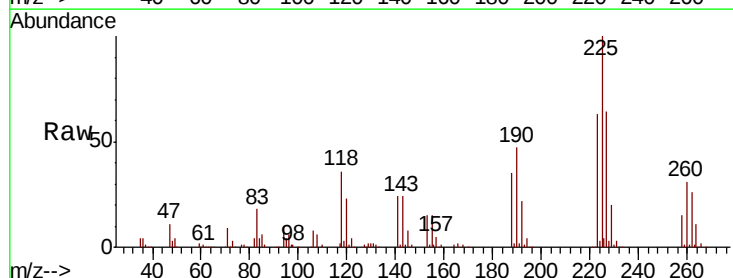
Instrument :
BNA_F
ClientSampleId :

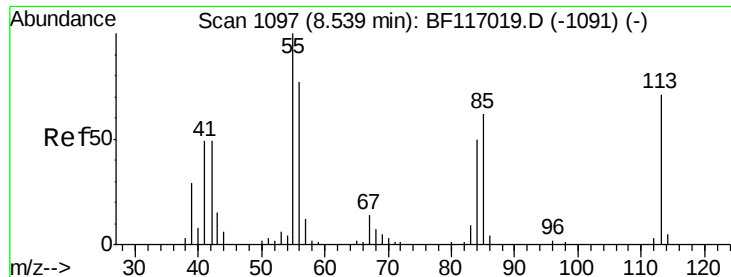
Tot Ion:	127	Resp:	507995
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.2	39.2
65	29.2	23.5	35.3
92	19.4	15.9	23.9



#34
Hexachlorobutadiene
Concen: 62.995 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.01 min
Lab File: BF117021.D
Acq: 13 Sep 2019 14:15

Tgt Ion:	225	Resp:	194806
Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.1	73.7
227	63.8	52.2	78.2

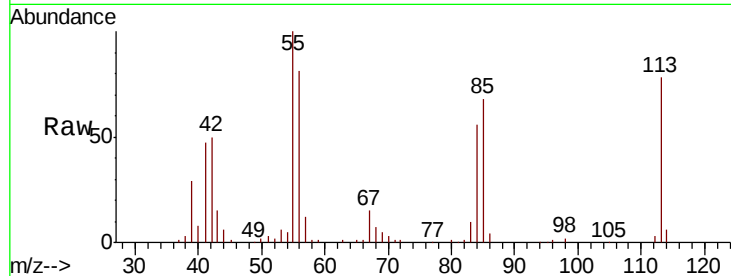




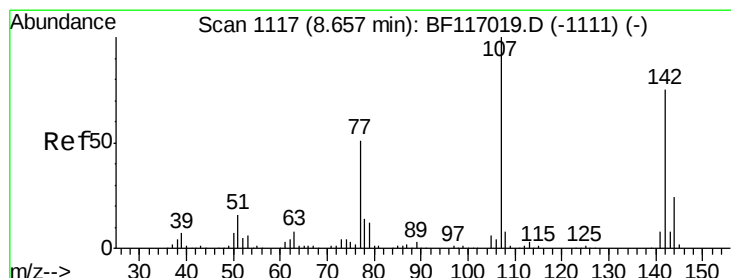
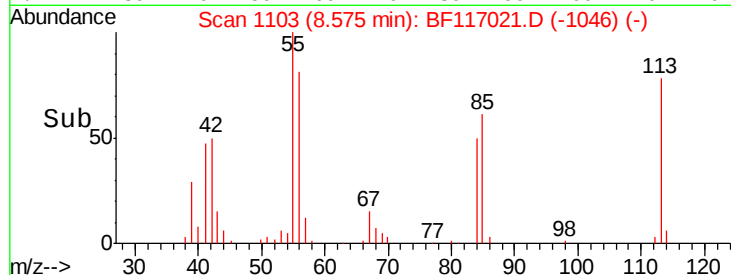
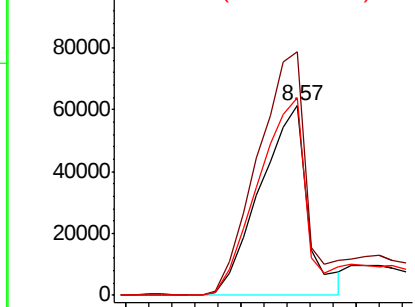
#35
 Caprolactam
 Concen: 44.548 ng
 RT: 8.57 min Scan# 1103
 Delta R.T. 0.04 min
 Lab File: BF117021.D
 Acq: 13 Sep 2019 14:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 87177
 Ion Ratio Lower Upper
 113 100
 55 128.3 120.6 160.6
 56 103.9 88.8 128.8

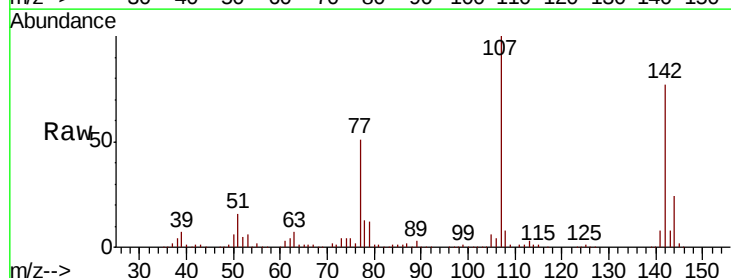


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

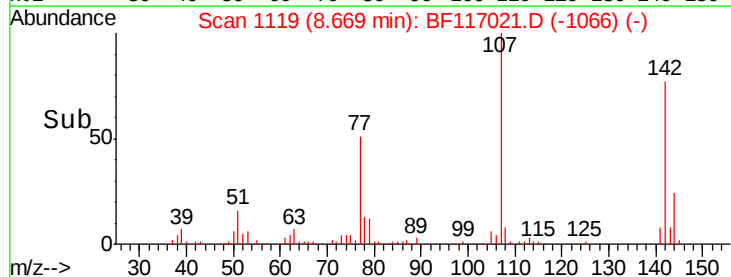
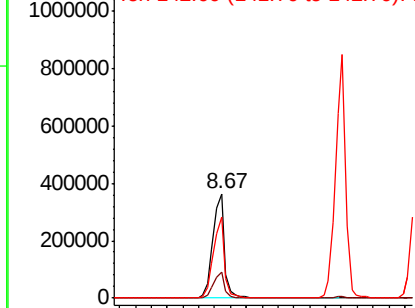


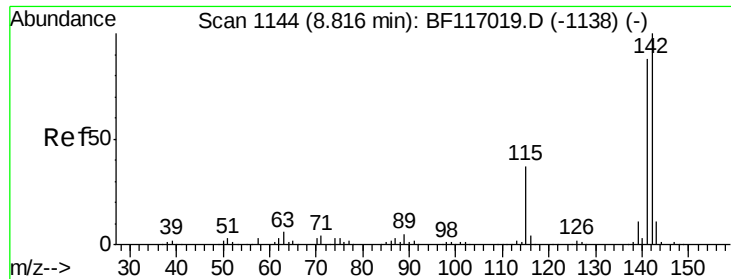
#36
 4-Chloro-3-methylphenol
 Concen: 62.280 ng
 RT: 8.67 min Scan# 1119
 Delta R.T. 0.01 min
 Lab File: BF117021.D
 Acq: 13 Sep 2019 14:15

Tgt Ion:107 Resp: 374299
 Ion Ratio Lower Upper
 107 100
 144 24.4 19.2 28.8
 142 77.2 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

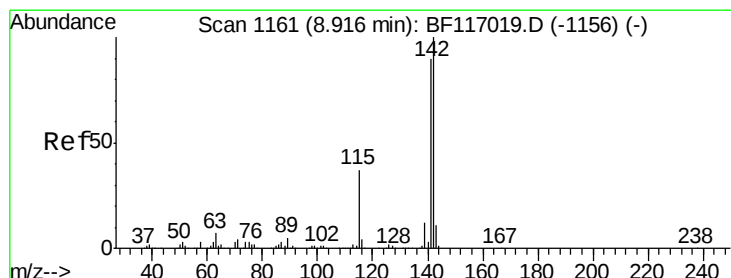
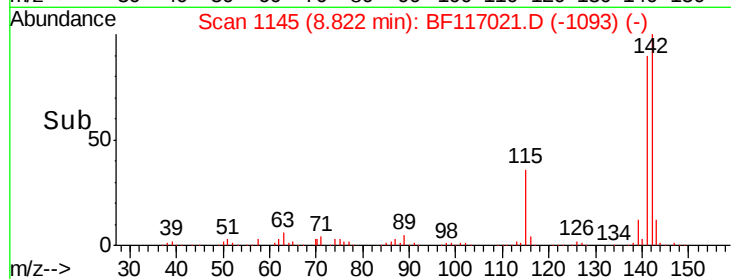
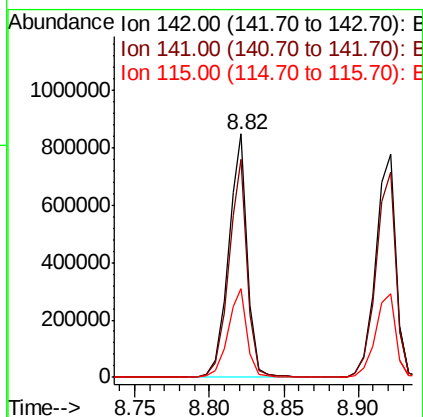
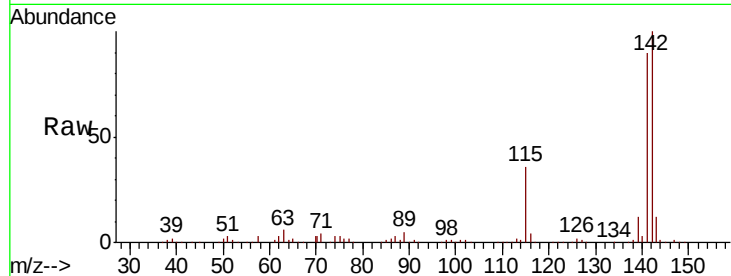




#37
 2-Methylnaphthalene
 Concen: 58.936 ng
 RT: 8.82 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: BF117021.D
 Acq: 13 Sep 2019 14:15

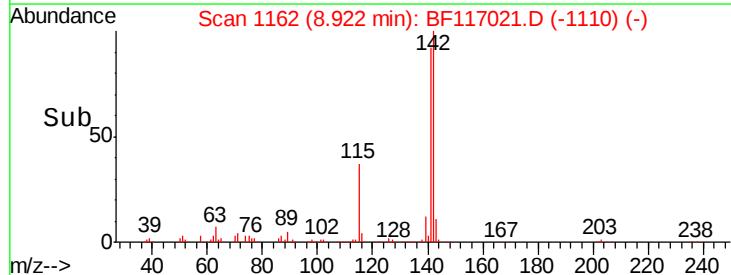
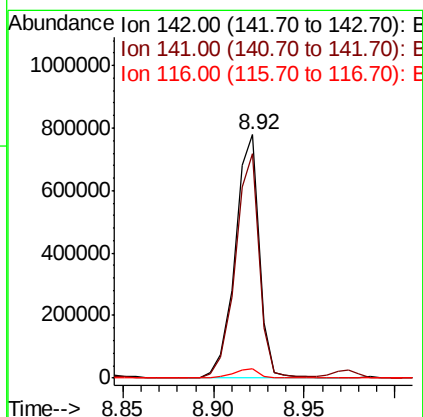
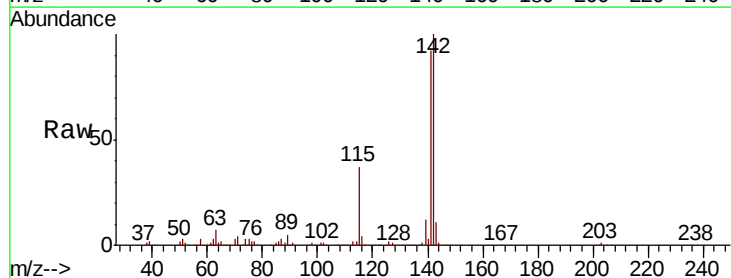
Instrument :
 BNA_F
 ClientSampled :

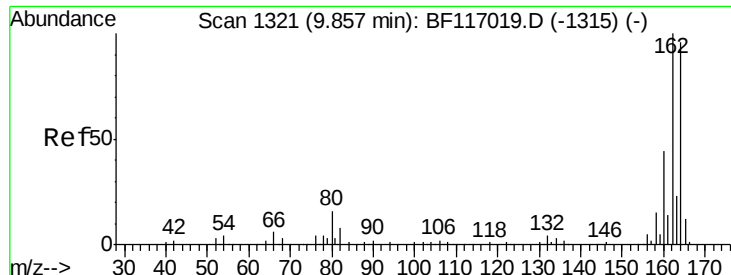
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	70.7	106.1
115	36.3	29.4	44.0



#38
 1-Methylnaphthalene
 Concen: 59.168 ng
 RT: 8.92 min Scan# 1162
 Delta R.T. 0.01 min
 Lab File: BF117021.D
 Acq: 13 Sep 2019 14:15

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	71.9	107.9
116	3.8	3.2	4.8

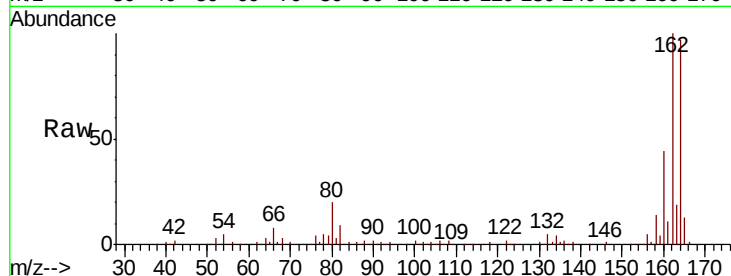




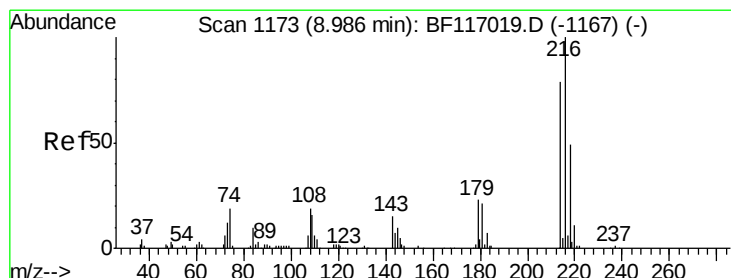
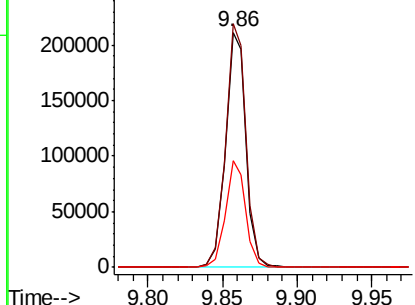
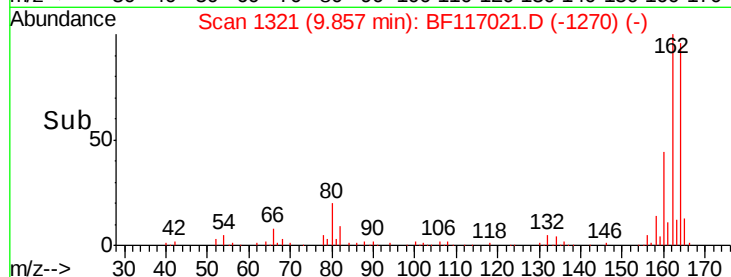
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF117021.D
Acq: 13 Sep 2019 14:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 204483
Ion Ratio Lower Upper
164 100
162 103.5 83.4 125.2
160 45.3 36.4 54.6

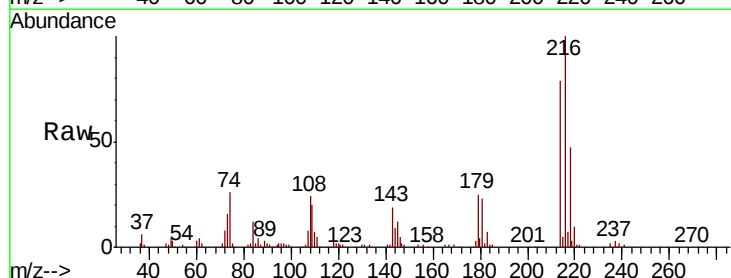


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

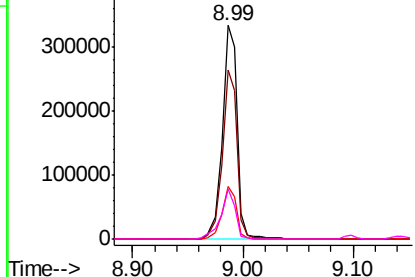
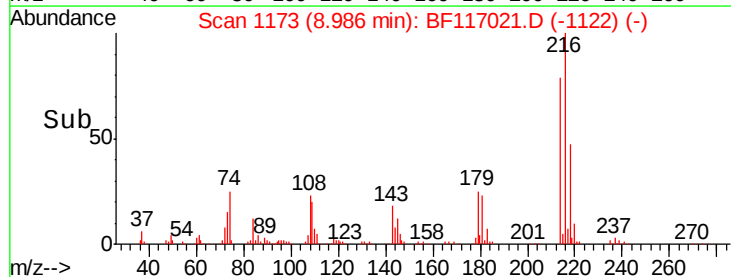


#40
1,2,4,5-Tetrachlorobenzene
Concen: 63.731 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.00 min
Lab File: BF117021.D
Acq: 13 Sep 2019 14:15

Tgt Ion:216 Resp: 312401
Ion Ratio Lower Upper
216 100
214 77.9 63.6 95.4
179 23.9 18.3 27.5
108 23.0 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: 49.304 ng

RT: 8.97 min Scan# 1171

Delta R.T. 0.01 min

Lab File: BF117021.D

Acq: 13 Sep 2019 14:15

Instrument :

BNA_F

ClientSampleId :

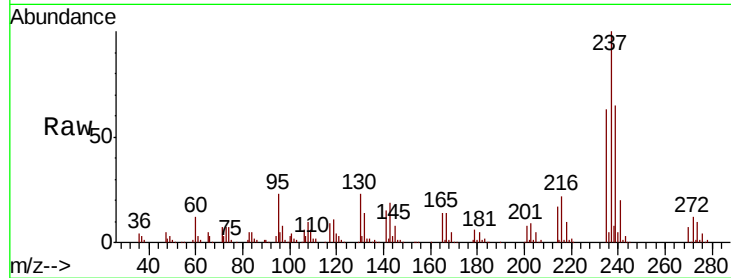
Tot Ion:237 Resp: 139562

Ion Ratio Lower Upper

237 100

235 63.2 43.2 83.2

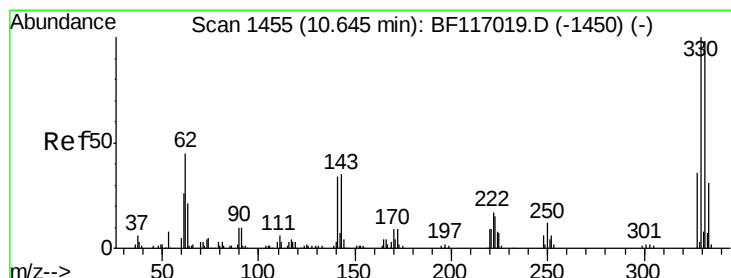
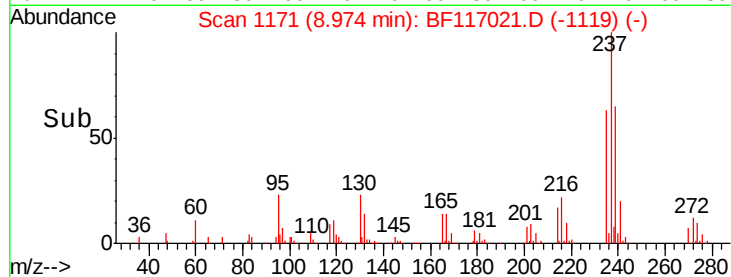
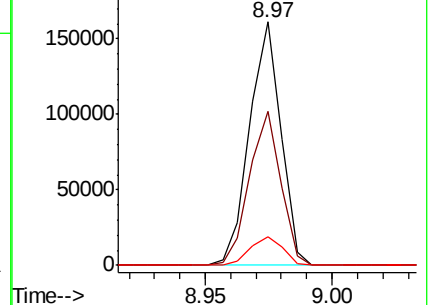
272 11.7 0.0 31.9



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: 148.127 ng

RT: 10.65 min Scan# 1456

Delta R.T. 0.01 min

Lab File: BF117021.D

Acq: 13 Sep 2019 14:15

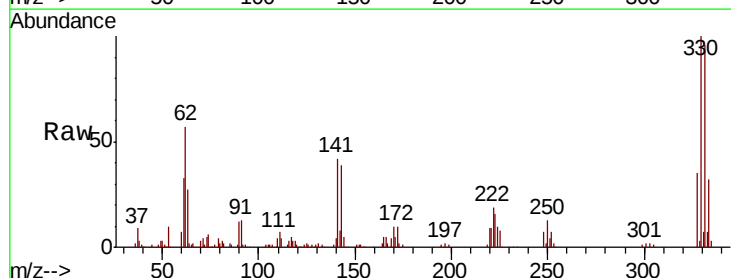
Tgt Ion:330 Resp: 202491

Ion Ratio Lower Upper

330 100

332 97.0 78.0 117.0

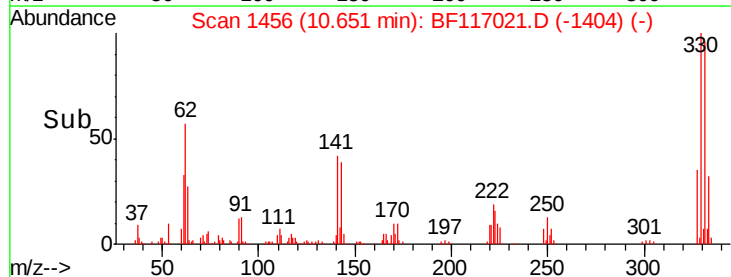
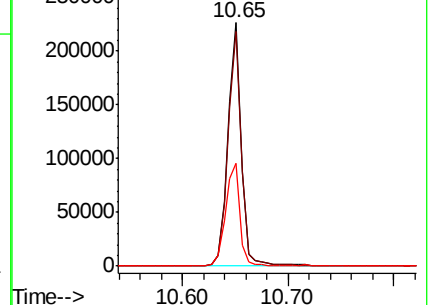
141 45.3 35.8 53.6



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

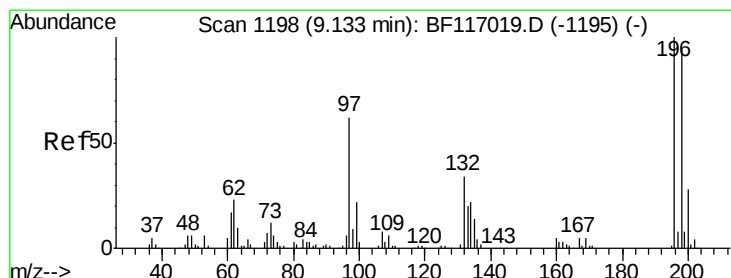
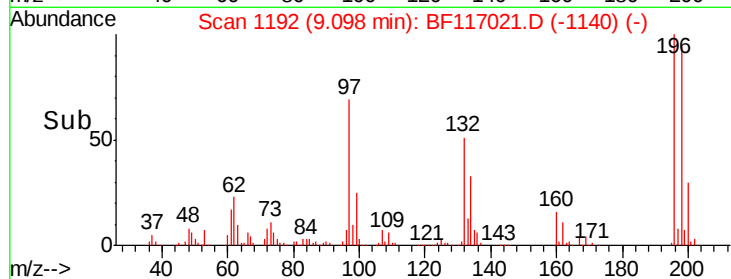
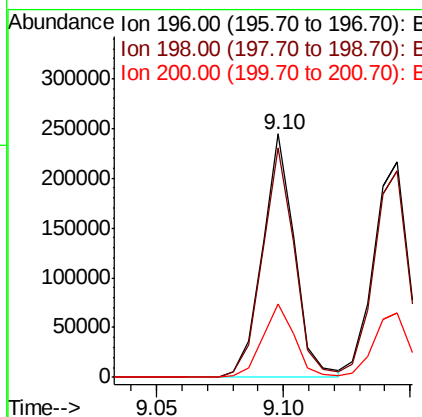
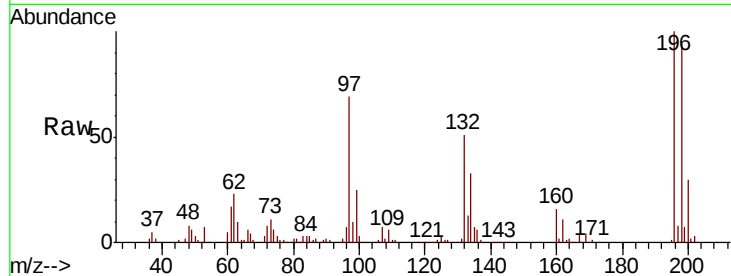




#43
 2,4,6-Trichlorophenol
 Concen: 64.337 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.01 min
 Lab File: BF117021.D
 Acq: 13 Sep 2019 14:15

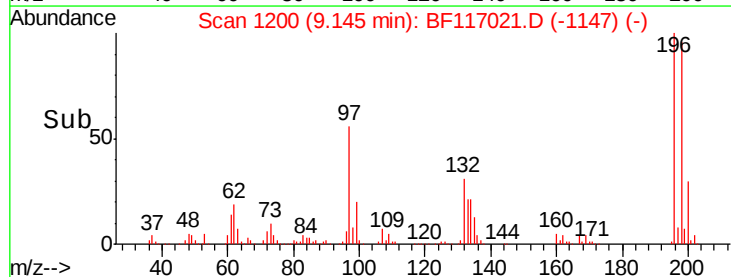
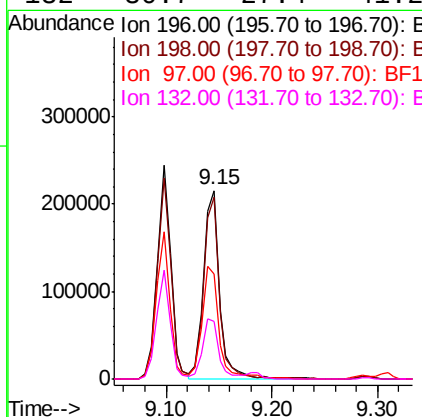
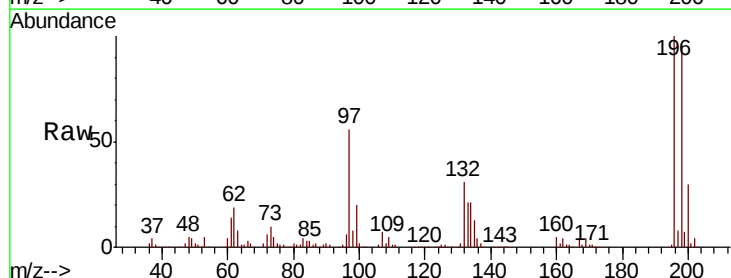
Instrument :
 BNA_F
 ClientSampleId :

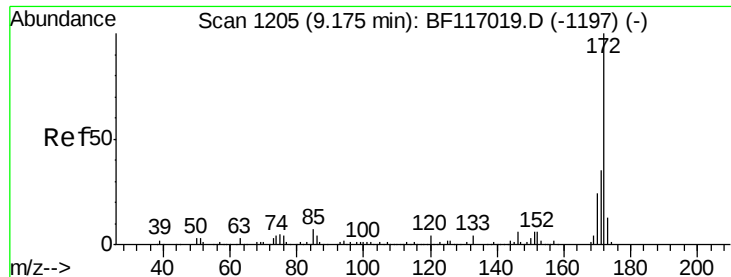
Tot Ion:196 Resp: 216186
 Ion Ratio Lower Upper
 196 100
 198 94.3 75.7 113.5
 200 30.1 23.3 34.9



#44
 2,4,5-Trichlorophenol
 Concen: 64.770 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.01 min
 Lab File: BF117021.D
 Acq: 13 Sep 2019 14:15

Tgt Ion:196 Resp: 225949
 Ion Ratio Lower Upper
 196 100
 198 96.1 74.6 112.0
 97 55.7 49.5 74.3
 132 30.7 27.4 41.2





#45

2-Fluorobiphenyl

Concen: 122.437 ng

RT: 9.19 min Scan# 1207

Delta R.T. 0.01 min

Lab File: BF117021.D

Acq: 13 Sep 2019 14:15

Instrument :

BNA_F

ClientSampleId :

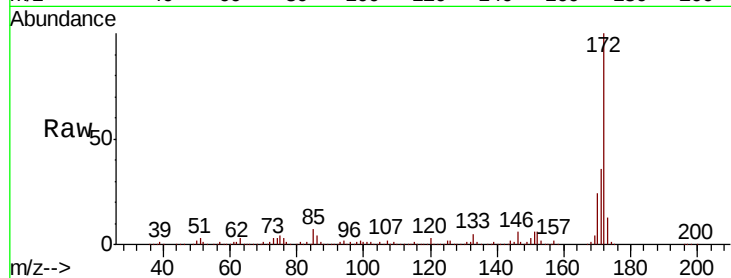
Tot Ion:172 Resp: 1484164

Ion Ratio Lower Upper

172 100

171 36.0 28.2 42.2

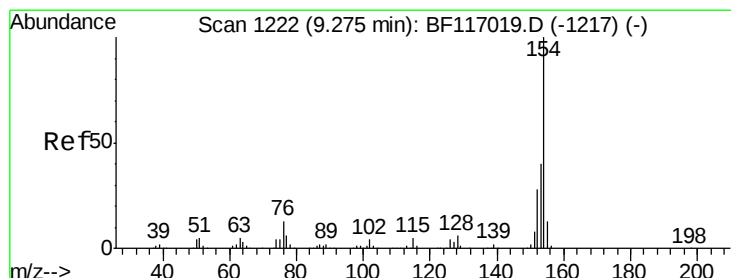
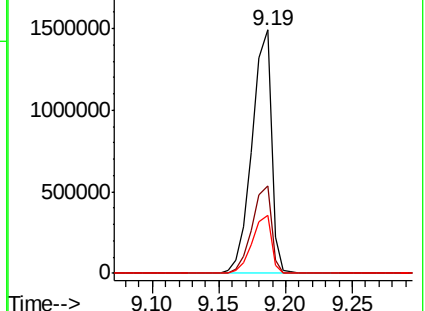
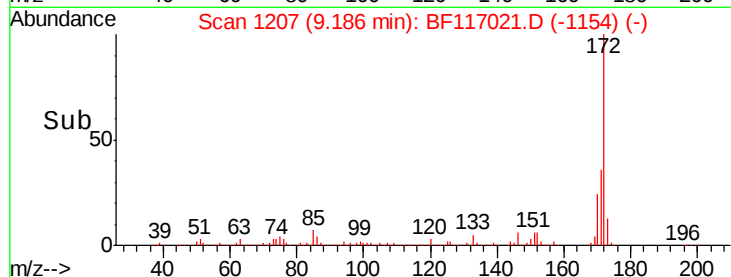
170 24.1 18.9 28.3



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 59.952 ng

RT: 9.29 min Scan# 1224

Delta R.T. 0.01 min

Lab File: BF117021.D

Acq: 13 Sep 2019 14:15

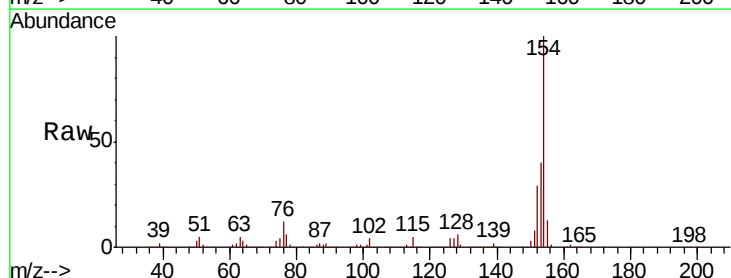
Tgt Ion:154 Resp: 930238

Ion Ratio Lower Upper

154 100

153 40.4 20.0 60.0

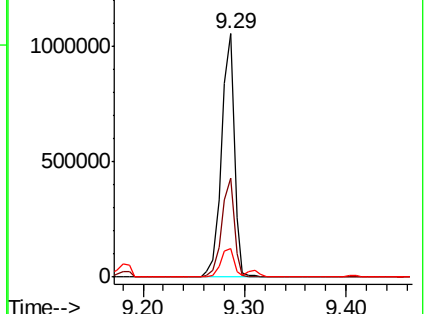
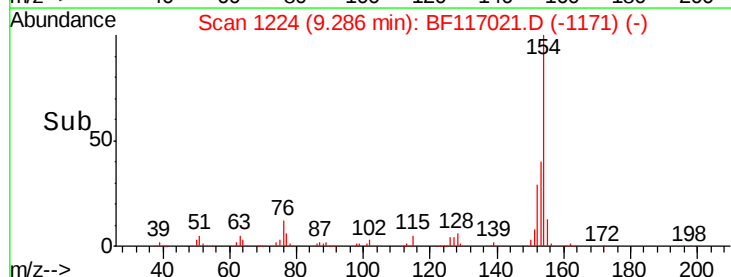
76 11.9 0.0 32.7

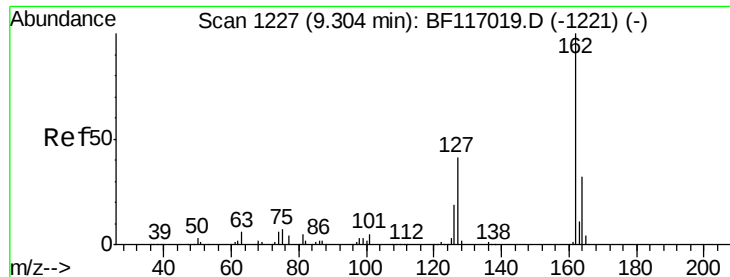


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

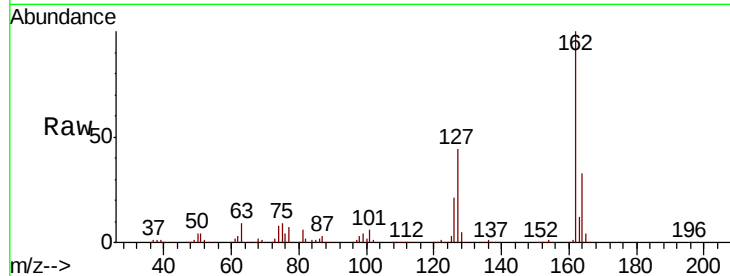




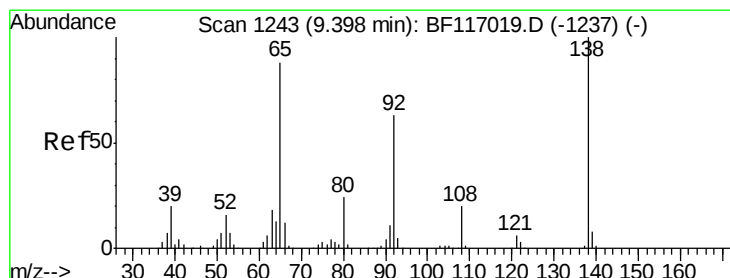
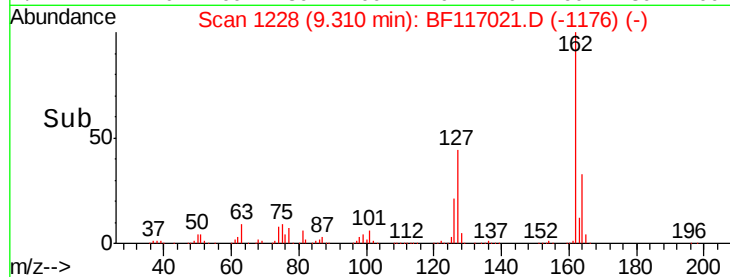
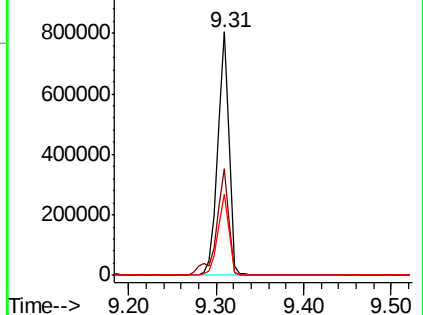
#47
 2-Chloronaphthalene
 Concen: 59.355 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. 0.01 min
 Lab File: BF117021.D
 Acq: 13 Sep 2019 14:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	44.0	34.1	51.1
164	33.1	25.9	38.9

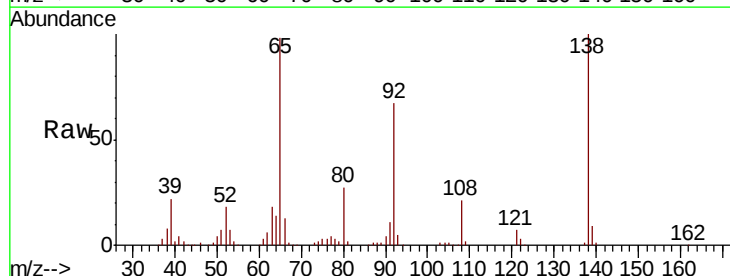


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

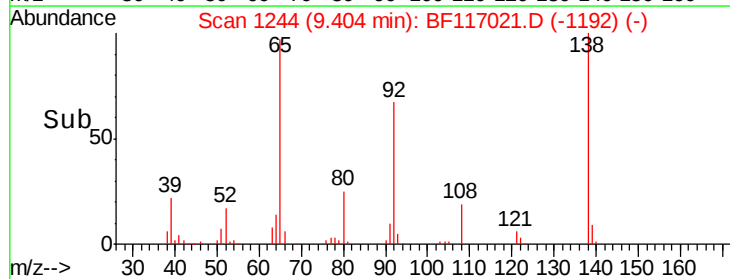
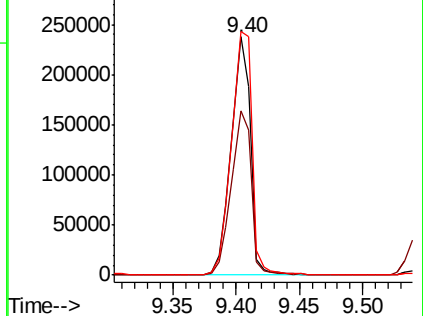


#48
 2-Nitroaniline
 Concen: 70.320 ng
 RT: 9.40 min Scan# 1244
 Delta R.T. 0.01 min
 Lab File: BF117021.D
 Acq: 13 Sep 2019 14:15

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.7	57.5	86.3
138	102.1	90.6	136.0



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 59.427 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BF117021.D

Acq: 13 Sep 2019 14:15

Instrument :

BNA_F

ClientSampleId :

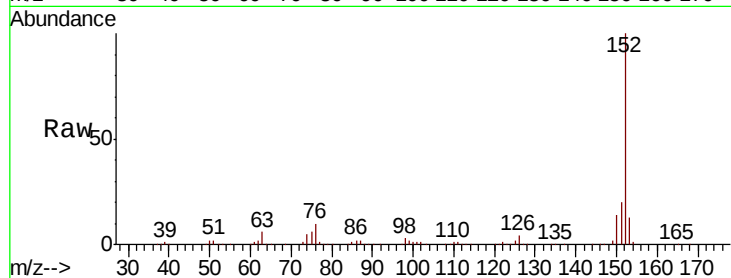
Tot Ion:152 Resp: 1103990

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.2

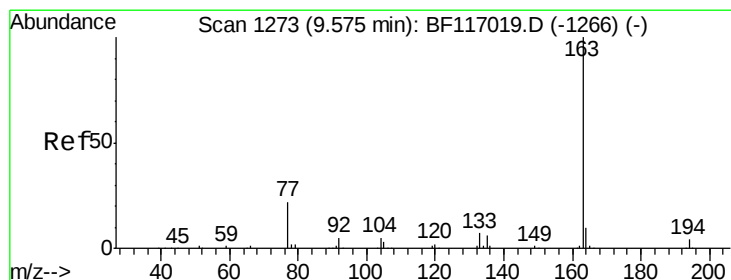
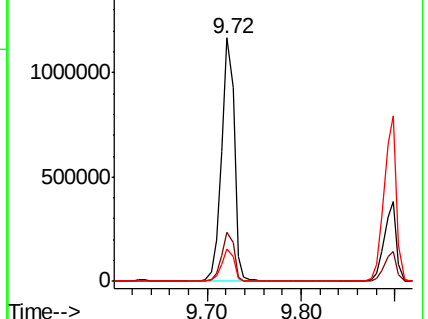
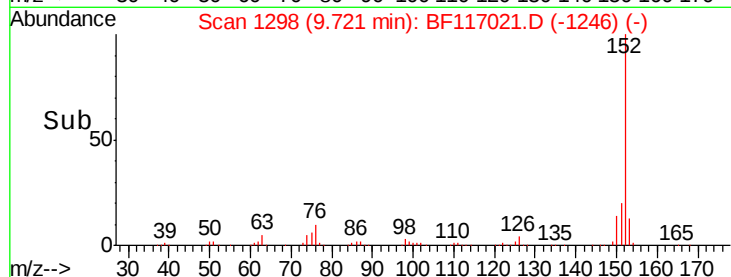
153 13.2 10.2 15.4



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: 60.223 ng

RT: 9.59 min Scan# 1275

Delta R.T. 0.01 min

Lab File: BF117021.D

Acq: 13 Sep 2019 14:15

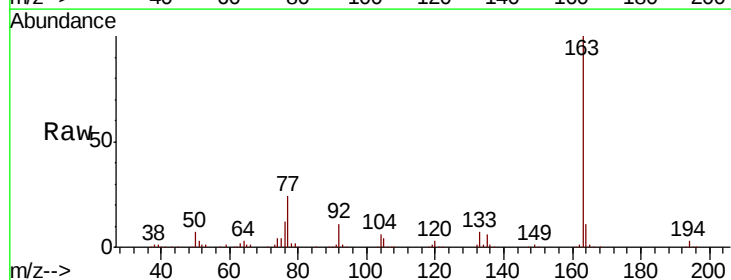
Tgt Ion:163 Resp: 850197

Ion Ratio Lower Upper

163 100

194 3.5 2.9 4.3

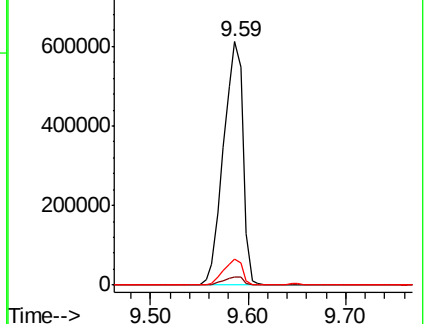
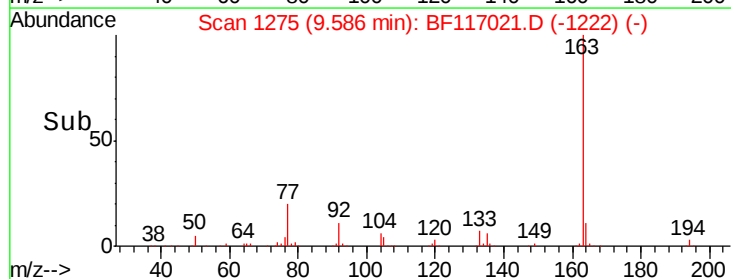
164 10.5 8.2 12.4

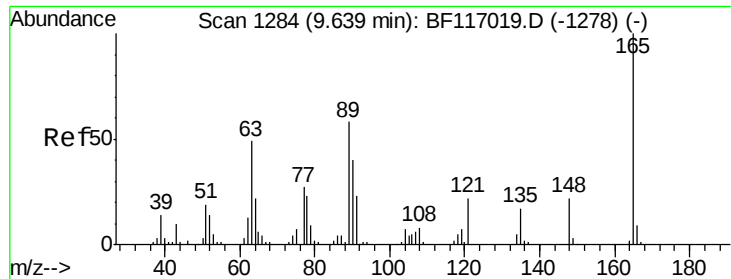


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

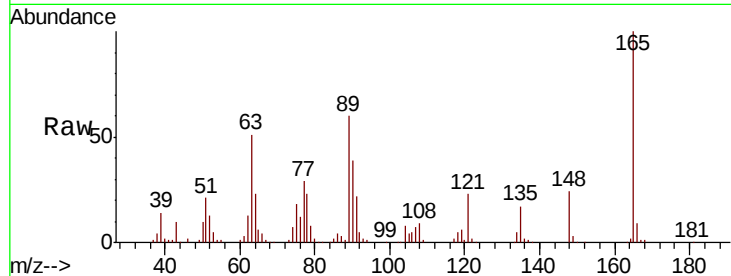




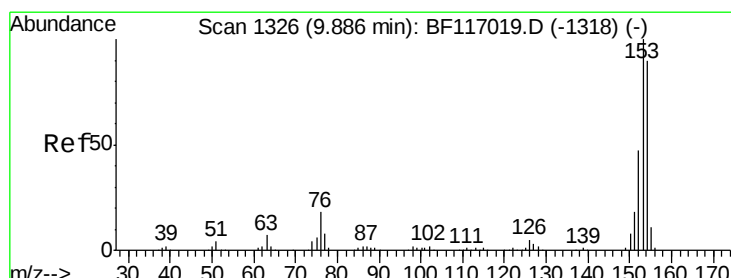
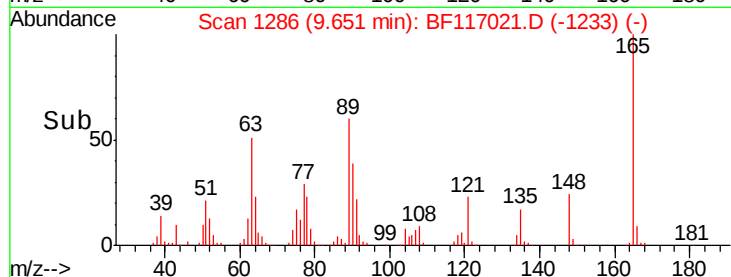
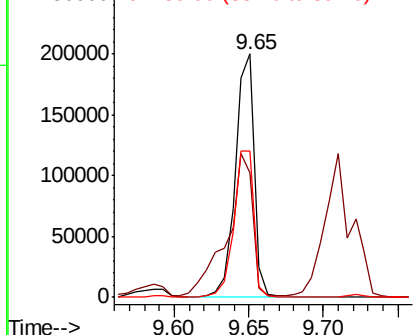
#51
2,6-Dinitrotoluene
Concen: 66.421 ng
RT: 9.65 min Scan# 1286
Delta R.T. 0.01 min
Lab File: BF117021.D
Acq: 13 Sep 2019 14:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 178905
Ion Ratio Lower Upper
165 100
63 51.1 41.8 62.8
89 60.3 46.5 69.7

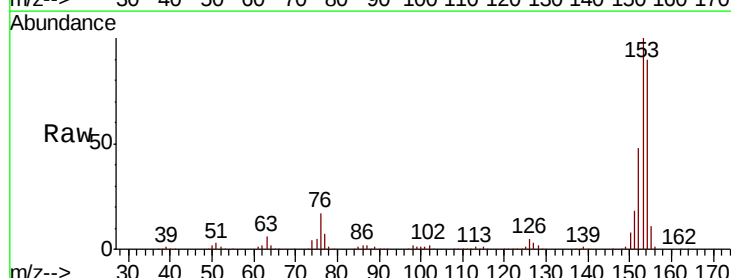


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

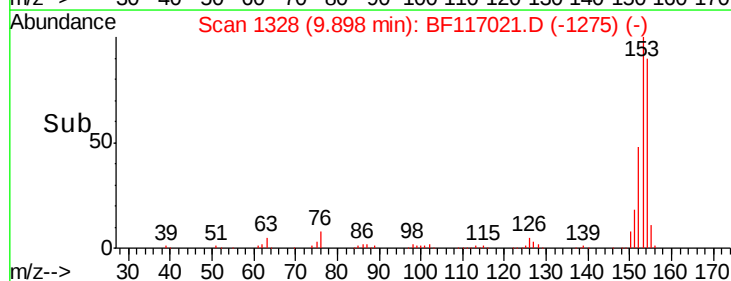
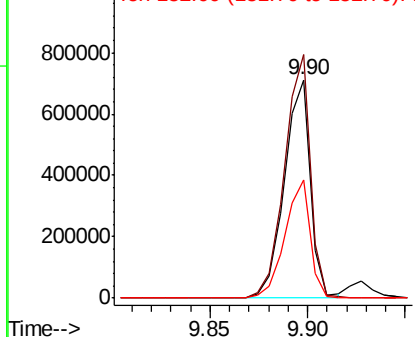


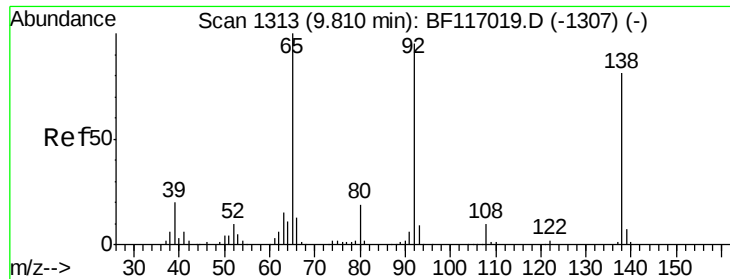
#52
Acenaphthene
Concen: 57.584 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF117021.D
Acq: 13 Sep 2019 14:15

Tgt Ion:154 Resp: 657296
Ion Ratio Lower Upper
154 100
153 111.5 89.0 133.6
152 53.8 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

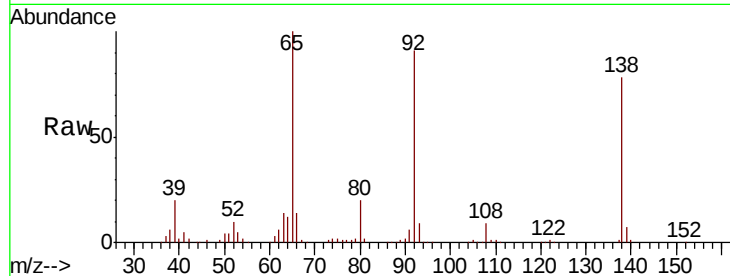




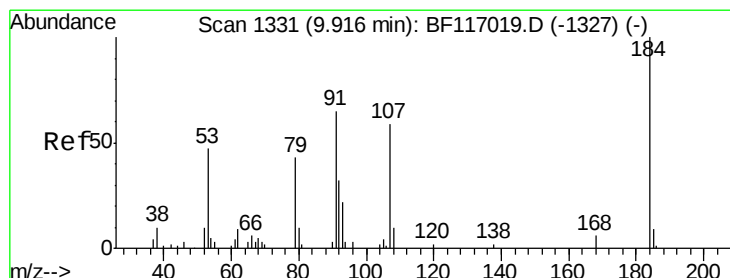
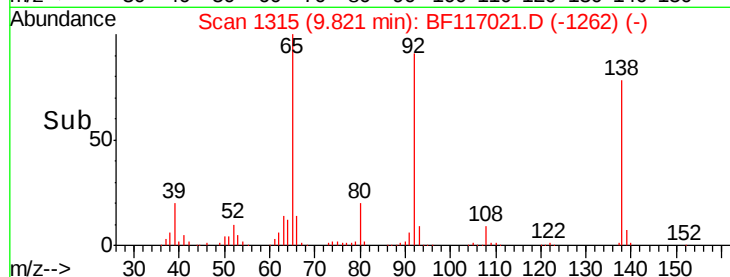
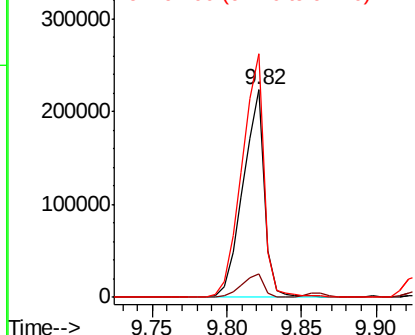
#53
3-Nitroaniline
Concen: 66.370 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF117021.D
Acq: 13 Sep 2019 14:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 224031
Ion Ratio Lower Upper
138 100
108 11.4 9.5 14.3
92 117.2 94.1 141.1

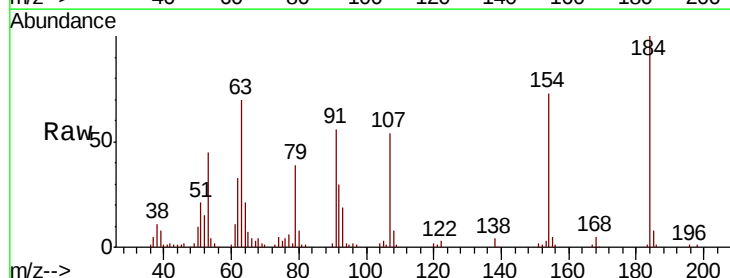


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

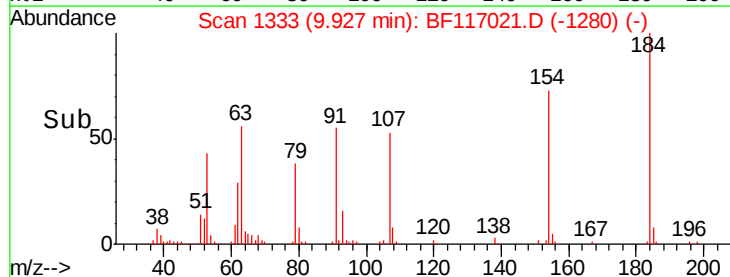
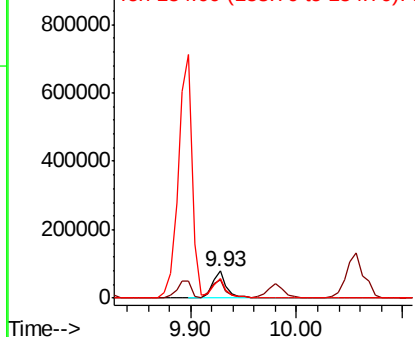


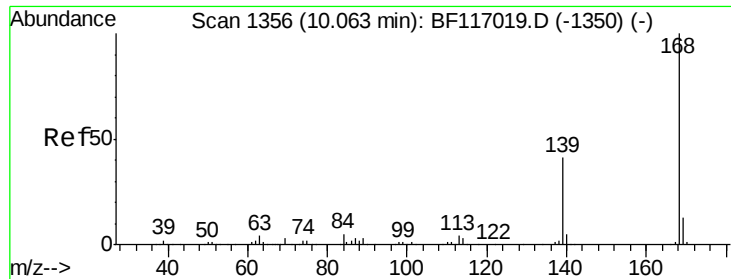
#54
2,4-Dinitrophenol
Concen: 96.523 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF117021.D
Acq: 13 Sep 2019 14:15

Tgt Ion:184 Resp: 76379
Ion Ratio Lower Upper
184 100
63 70.4 63.8 95.6
154 72.6 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

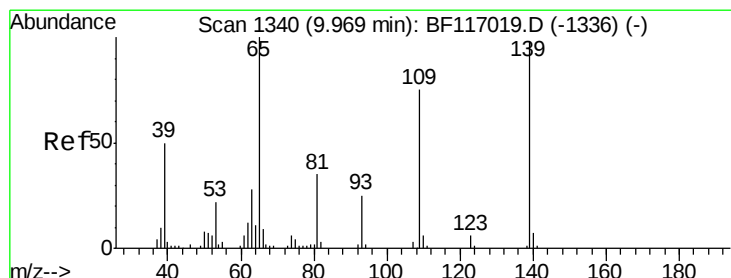
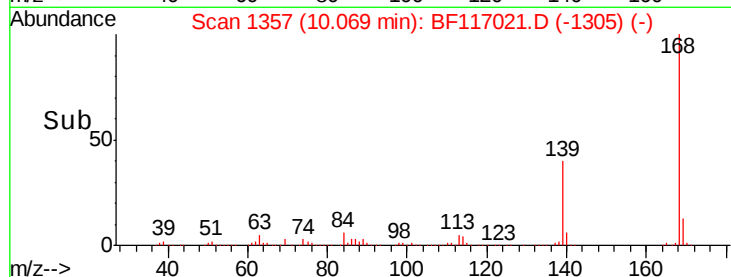
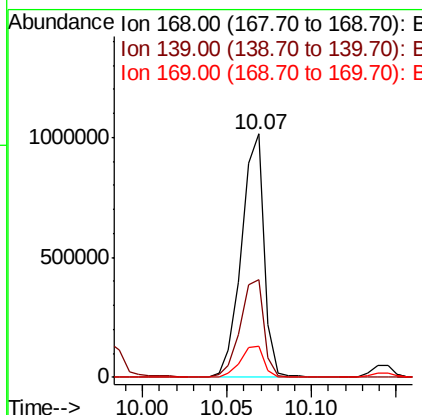
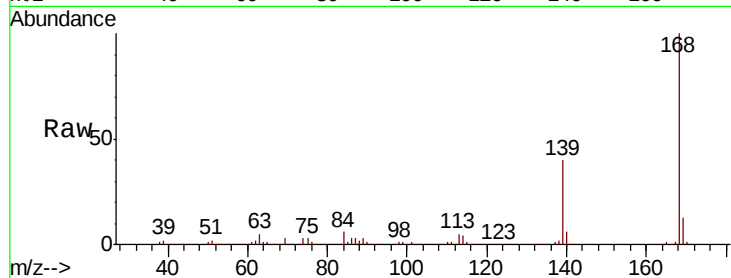




#55
Dibenzenofuran
Concen: 59.329 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF117021.D
Acq: 13 Sep 2019 14:15

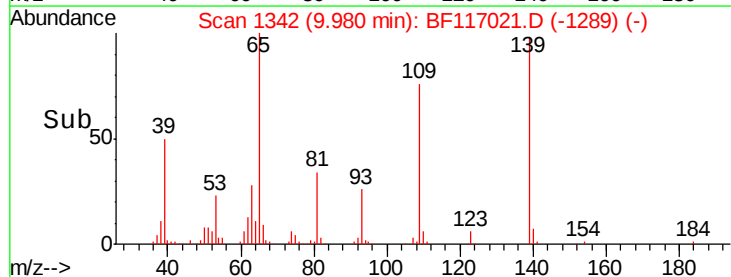
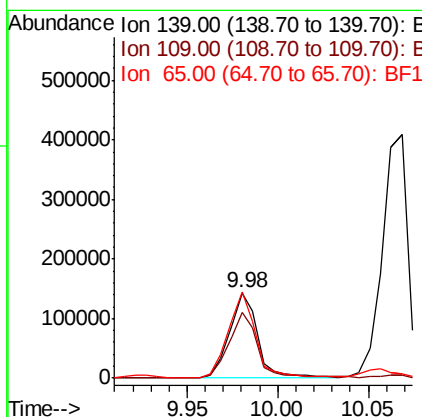
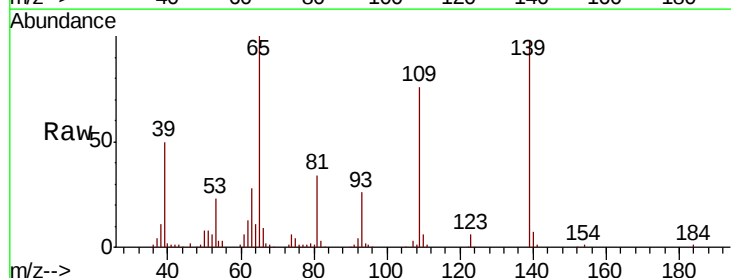
Instrument :
BNA_F
ClientSampleId :

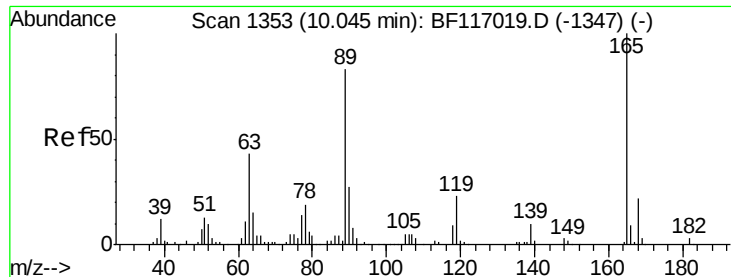
Tot Ion	Ratio	Lower	Upper
168	100		
139	40.3	32.8	49.2
169	12.9	10.5	15.7



#56
4-Nitrophenol
Concen: 67.483 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF117021.D
Acq: 13 Sep 2019 14:15

Tgt Ion	Ratio	Lower	Upper
139	100		
109	77.3	56.4	96.4
65	101.9	82.5	122.5

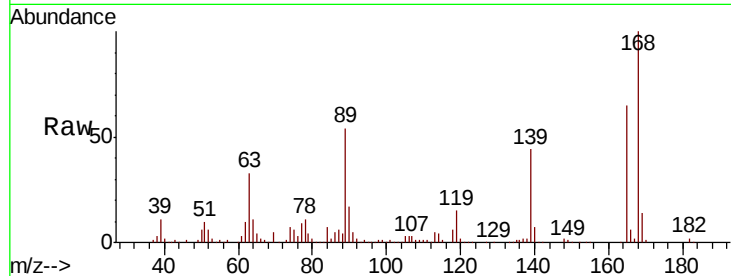




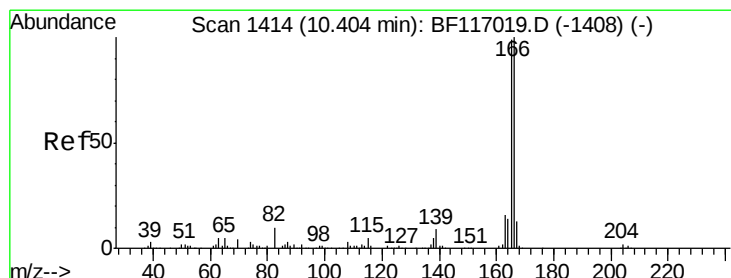
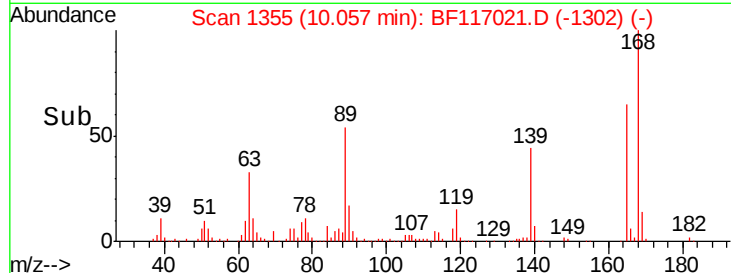
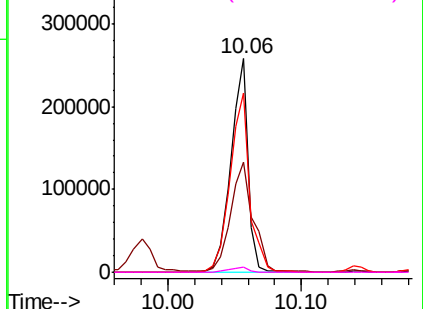
#57
2,4-Dinitrotoluene
Concen: 71.409 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.01 min
Lab File: BF117021.D
Acq: 13 Sep 2019 14:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165	Resp:	235185
Ion Ratio	Lower	Upper
165	100	
63	51.6	35.0 52.4
89	83.7	66.1 99.1
182	2.3	2.0 3.0

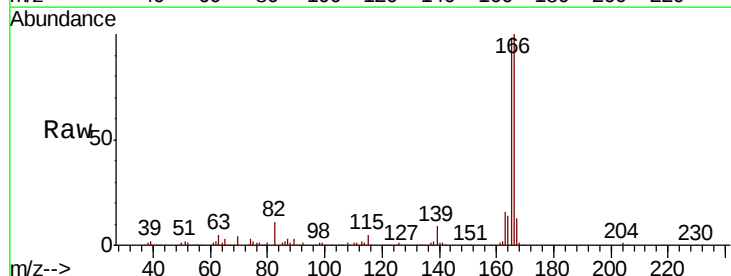


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

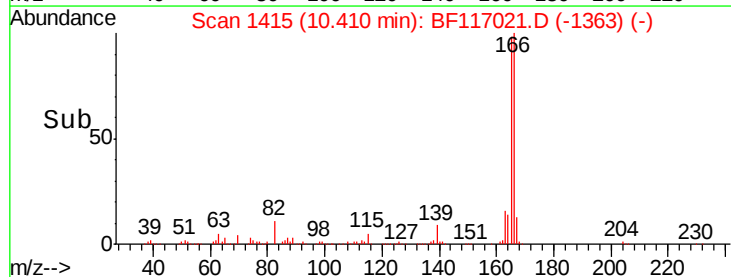
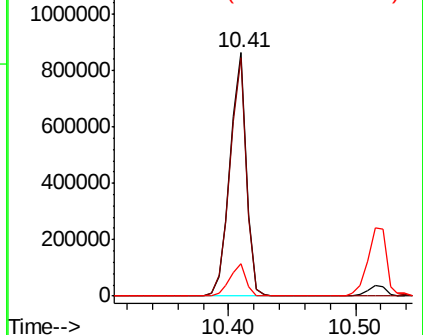


#58
Fluorene
Concen: 62.890 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.01 min
Lab File: BF117021.D
Acq: 13 Sep 2019 14:15

Tgt Ion:166	Resp:	771082
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

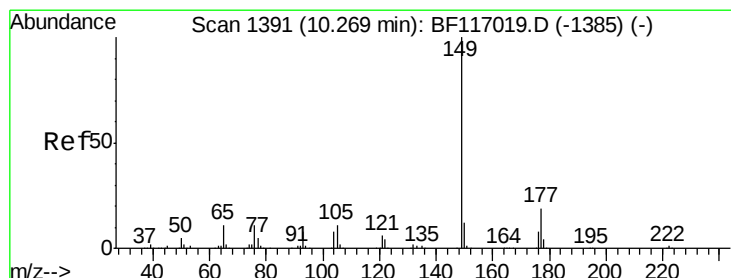
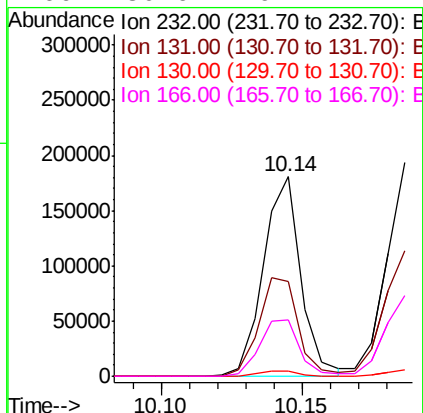
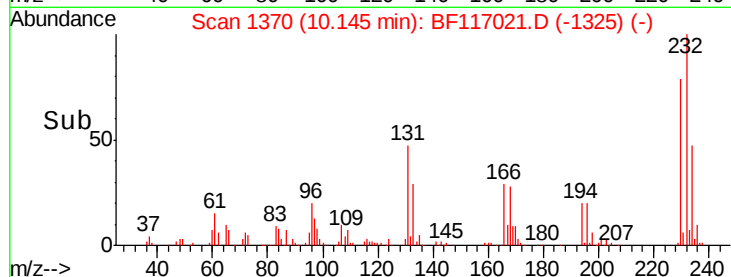
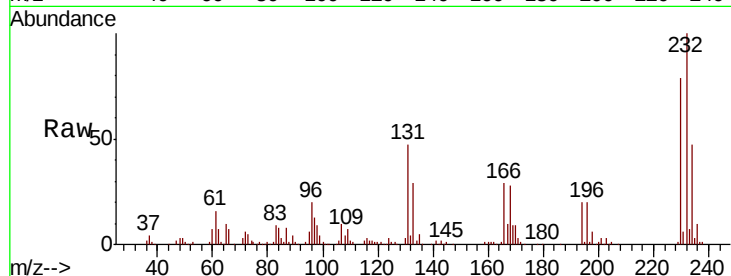




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 65.845 ng
 RT: 10.14 min Scan# 1370
 Delta R.T. -0.04 min
 Lab File: BF117021.D
 Acq: 13 Sep 2019 14:15

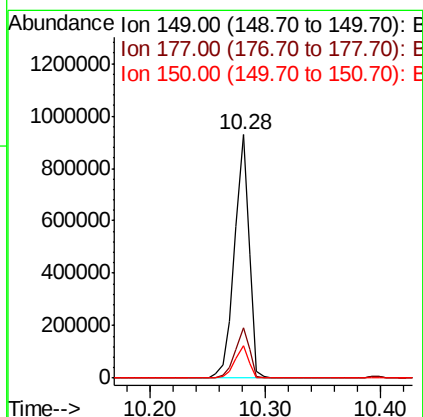
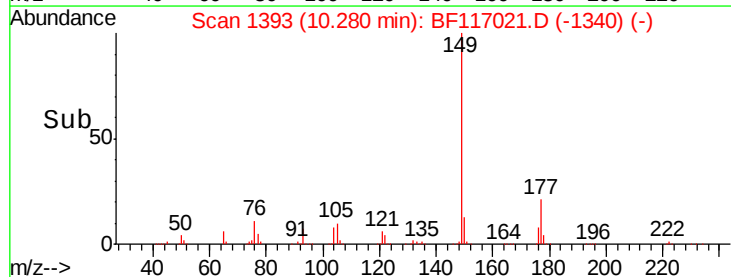
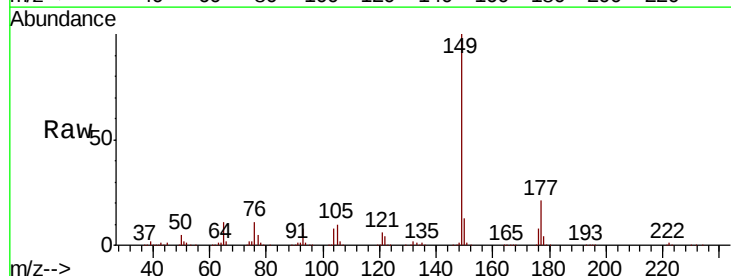
Instrument :
 BNA_F
 ClientSampled :

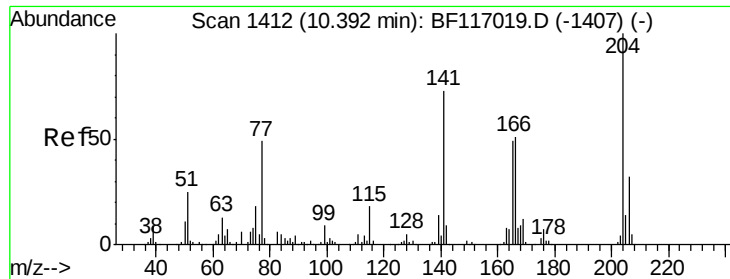
Tot Ion	Ratio	Lower	Upper
232	100		
131	52.2	45.3	67.9
130	2.6	1.8	2.8
166	30.6	29.4	44.2



#60
 Diethylphthalate
 Concen: 57.642 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: BF117021.D
 Acq: 13 Sep 2019 14:15

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.7	15.2	22.8
150	13.1	9.9	14.9

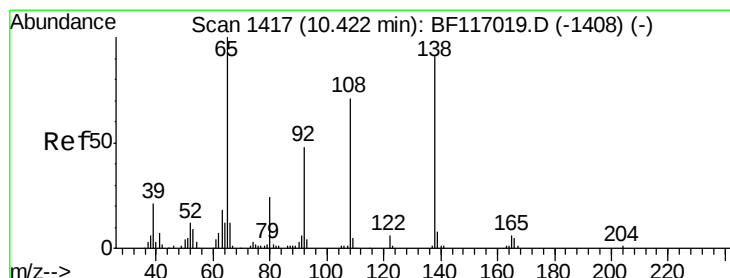
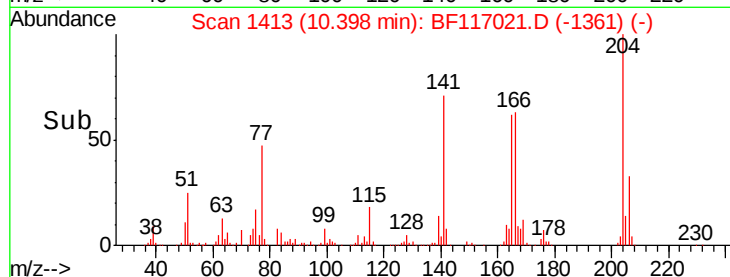
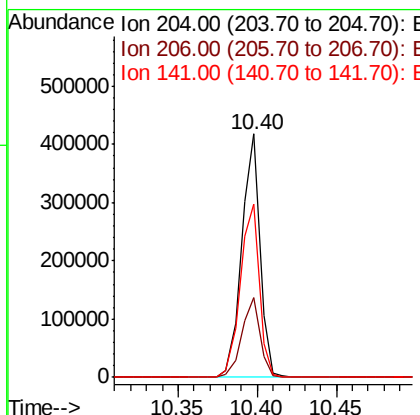
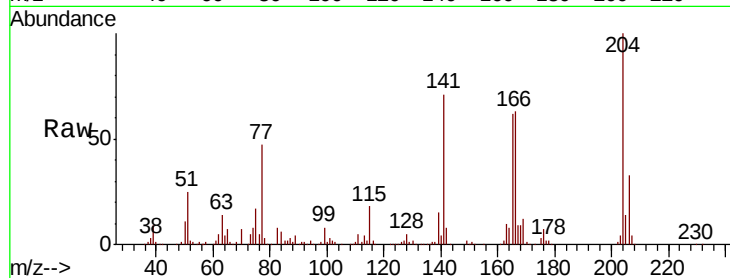




#61
4-Chlorophenyl-phenylether
Concen: 62.325 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BF117021.D
Acq: 13 Sep 2019 14:15

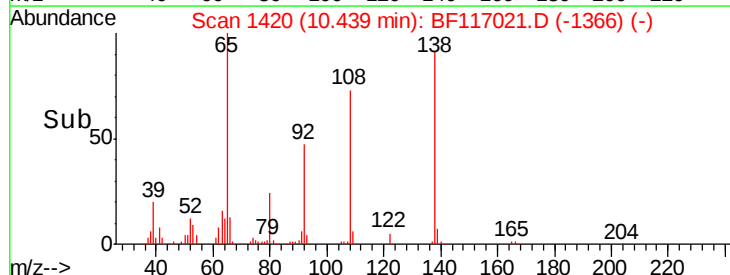
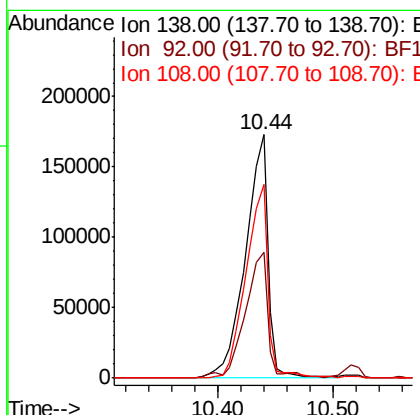
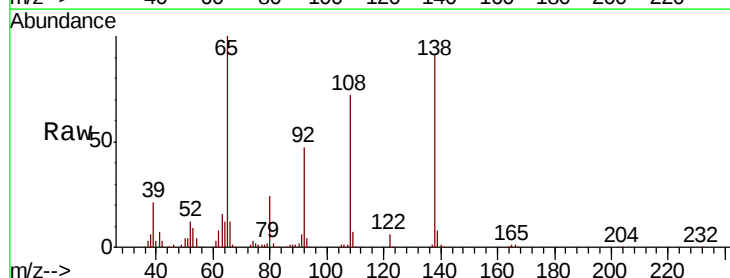
Instrument :
BNA_F
ClientSampled :

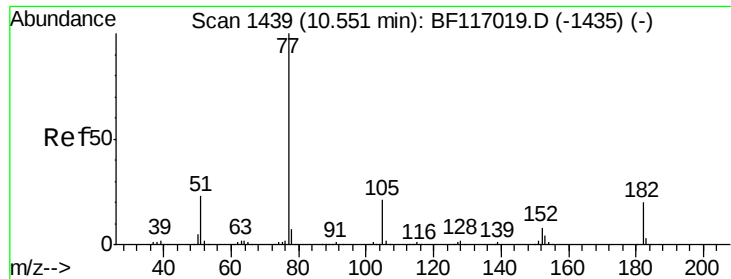
Tot Ion:204 Resp: 334622
Ion Ratio Lower Upper
204 100
206 32.6 26.0 39.0
141 71.2 58.2 87.2



#62
4-Nitroaniline
Concen: 72.027 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.02 min
Lab File: BF117021.D
Acq: 13 Sep 2019 14:15

Tgt Ion:138 Resp: 235948
Ion Ratio Lower Upper
138 100
92 51.7 32.9 72.9
108 79.6 58.3 98.3





#63

Azobenzene

Concen: 57.377 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.01 min

Lab File: BF117021.D

Acq: 13 Sep 2019 14:15

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 846059

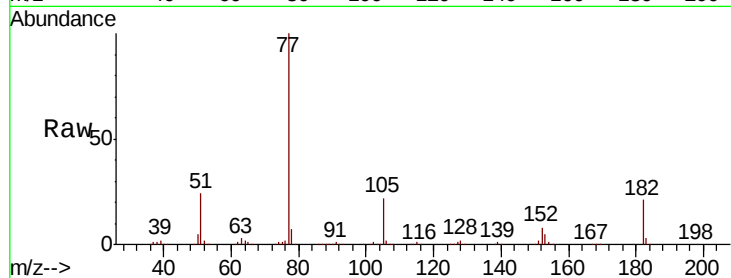
Ion Ratio Lower Upper

77 100

182 21.2 0.4 40.4

105 21.6 0.9 40.9

51 23.8 2.8 42.8

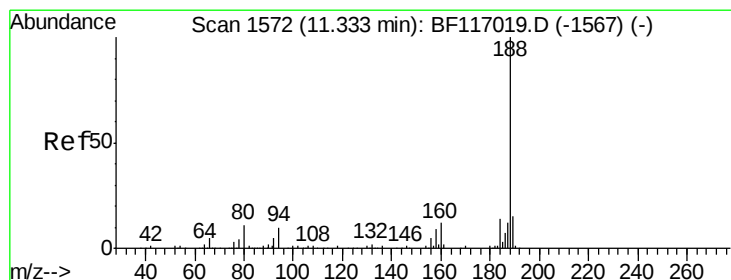
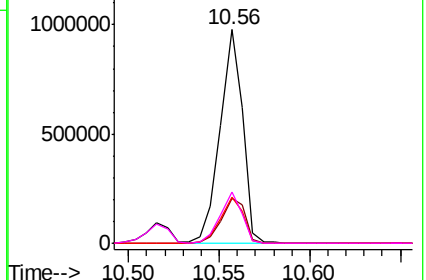
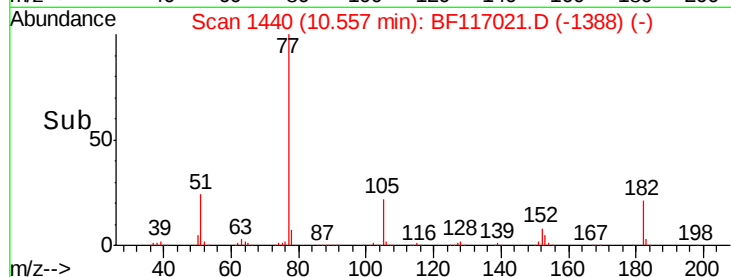


Abundance Ion 77.00 (76.70 to 77.70): BF1

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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.01 min

Lab File: BF117021.D

Acq: 13 Sep 2019 14:15

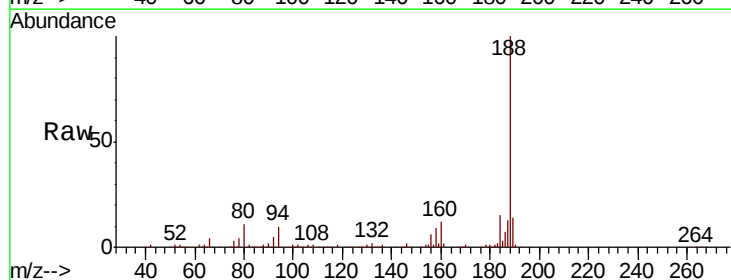
Tgt Ion: 188 Resp: 335507

Ion Ratio Lower Upper

188 100

94 9.6 8.2 12.2

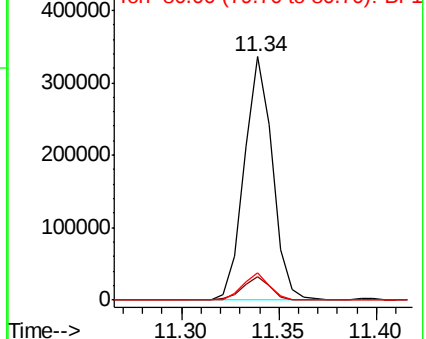
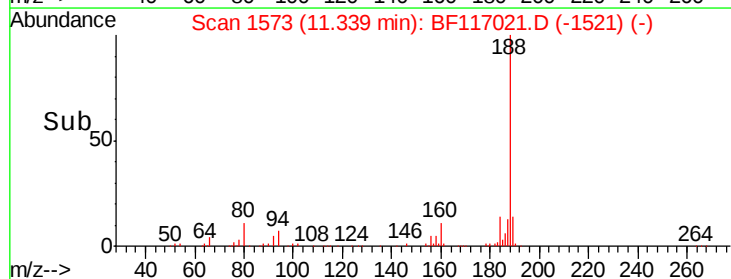
80 11.2 9.0 13.6



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

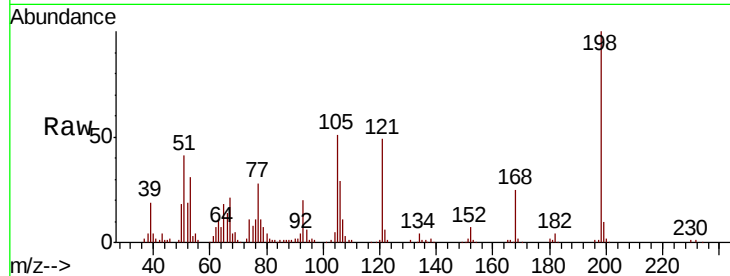




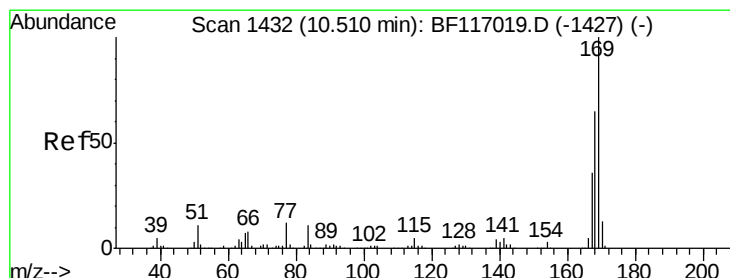
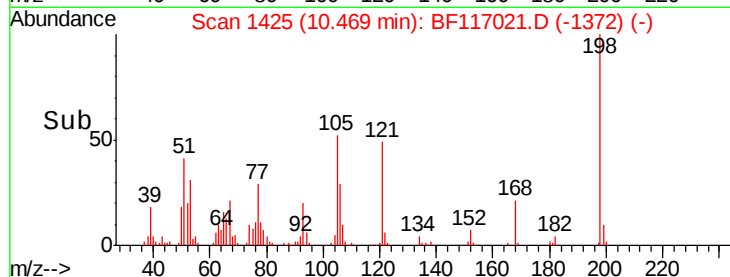
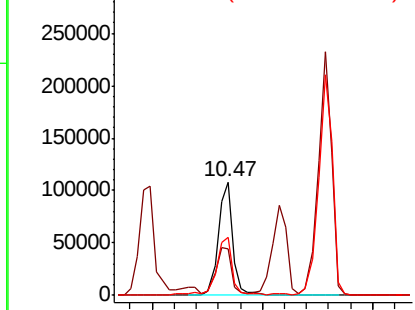
#65
4,6-Dinitro-2-methylphenol
Concen: 87.565 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF117021.D
Acq: 13 Sep 2019 14:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 99219
Ion Ratio Lower Upper
198 100
51 40.9 18.7 58.7
105 51.2 30.2 70.2

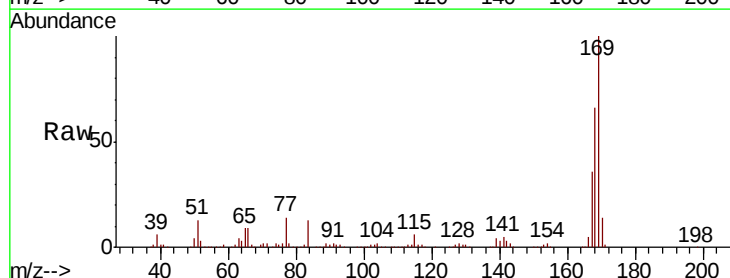


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

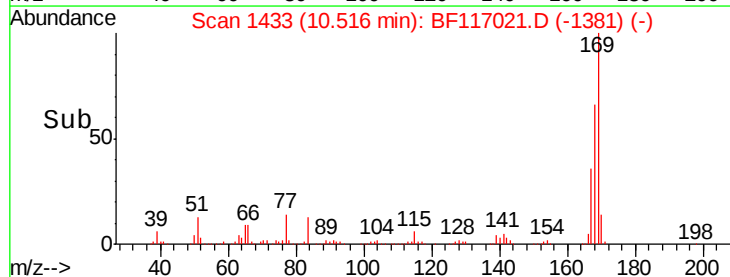
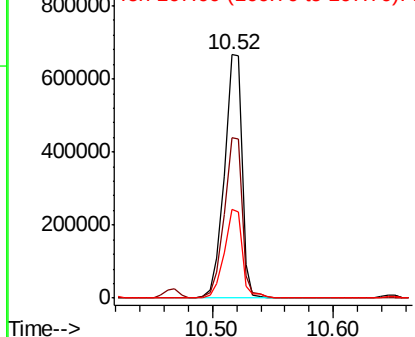


#66
n-Nitrosodiphenylamine
Concen: 58.335 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BF117021.D
Acq: 13 Sep 2019 14:15

Tgt Ion:169 Resp: 677053
Ion Ratio Lower Upper
169 100
168 65.9 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

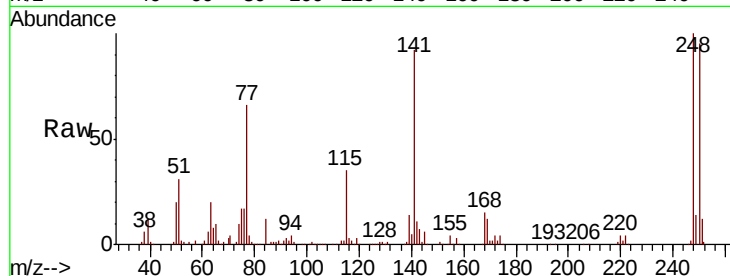




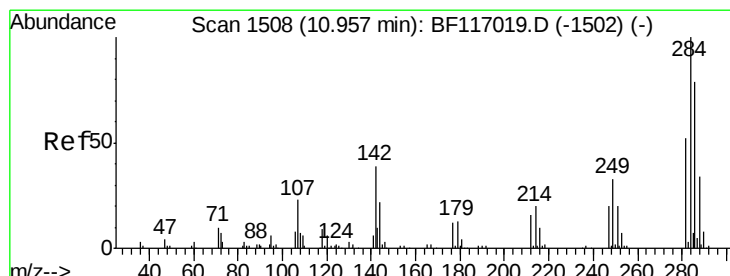
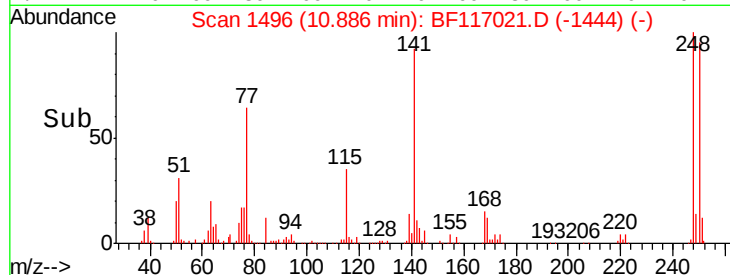
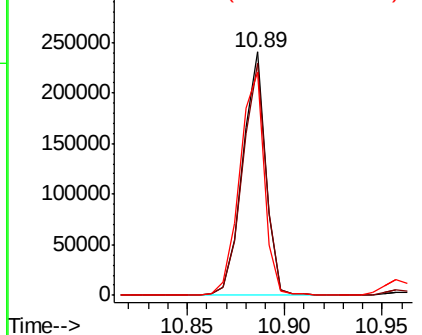
#67
 4-Bromophenyl-phenylether
 Concen: 58.106 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. 0.01 min
 Lab File: BF117021.D
 Acq: 13 Sep 2019 14:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.1	76.2	114.4
141	91.7	75.0	112.4

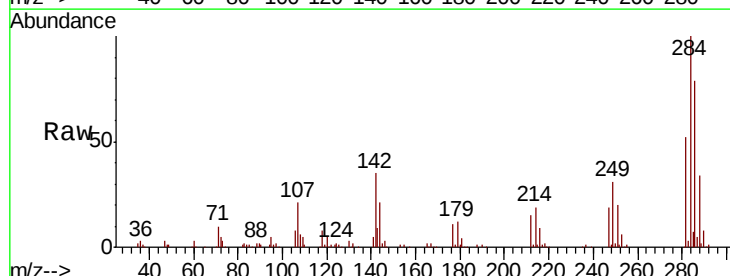


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

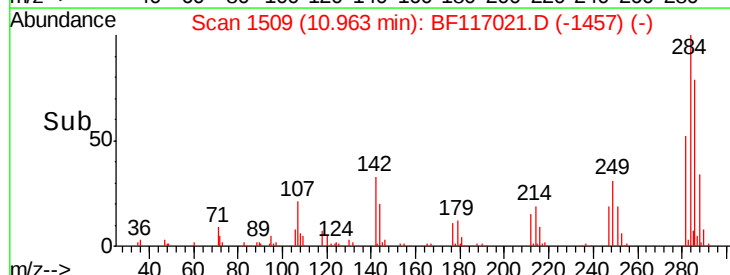
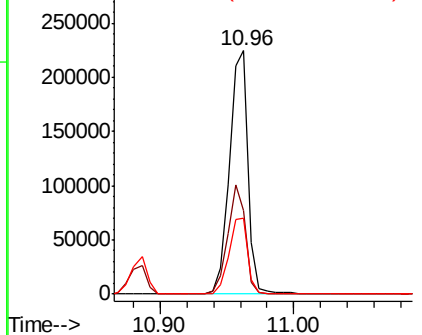


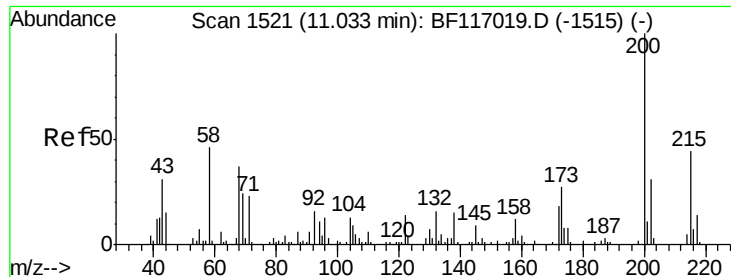
#68
 Hexachlorobenzene
 Concen: 61.926 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. 0.01 min
 Lab File: BF117021.D
 Acq: 13 Sep 2019 14:15

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.6	31.4	47.2
249	31.4	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

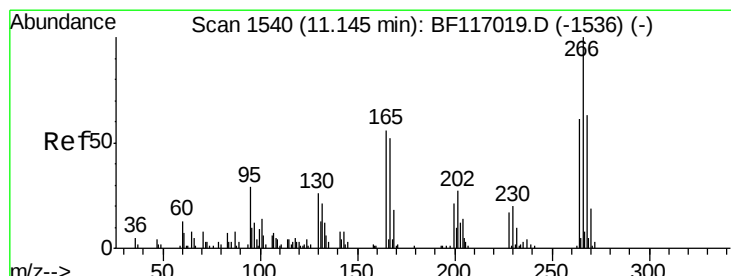
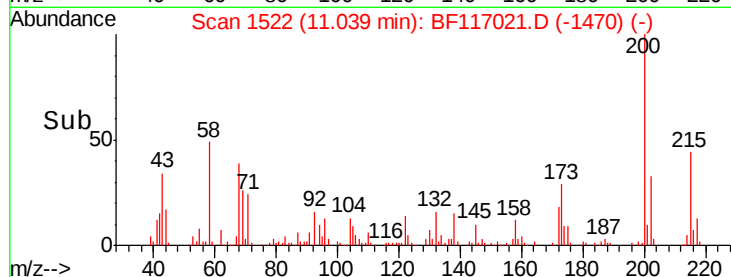
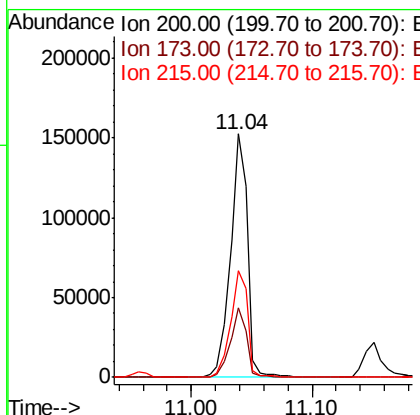
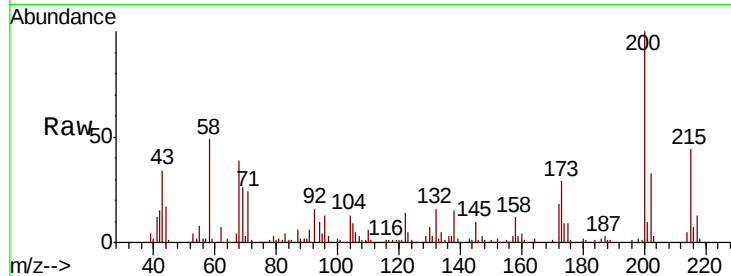




#69
 Atrazine
 Concen: 45.671 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. 0.01 min
 Lab File: BF117021.D
 Acq: 13 Sep 2019 14:15

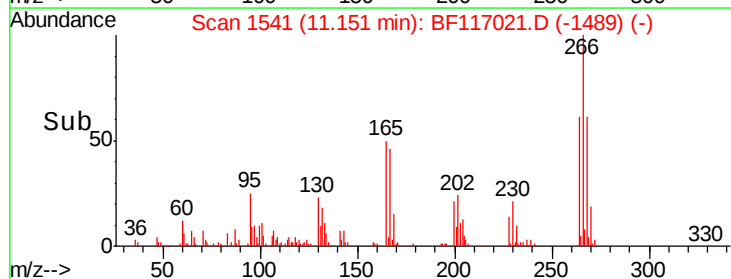
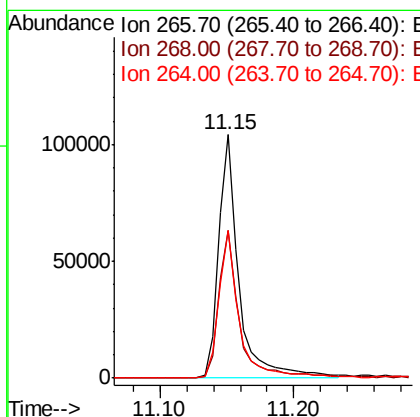
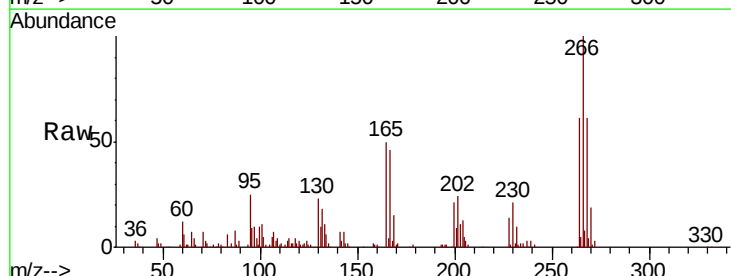
Instrument :
 BNA_F
 ClientSampleId :

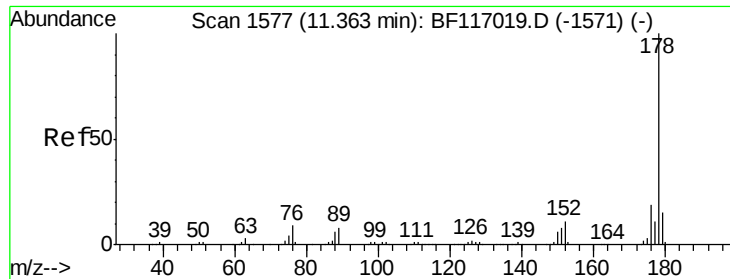
Tot Ion	Ratio	Lower	Upper
200	100		
173	28.7	6.9	46.9
215	43.7	23.8	63.8



#70
 Pentachlorophenol
 Concen: 65.029 ng
 RT: 11.15 min Scan# 1541
 Delta R.T. 0.01 min
 Lab File: BF117021.D
 Acq: 13 Sep 2019 14:15

Tgt Ion	Ratio	Lower	Upper
266	100		
268	60.8	50.5	75.7
264	60.6	48.8	73.2

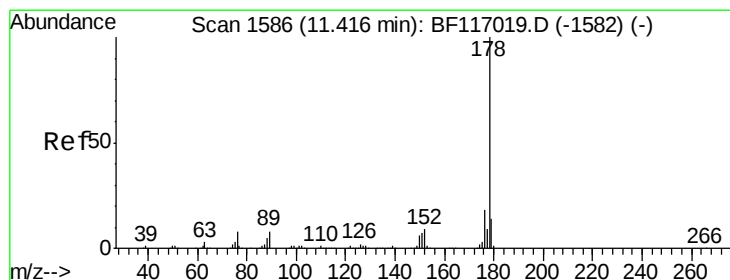
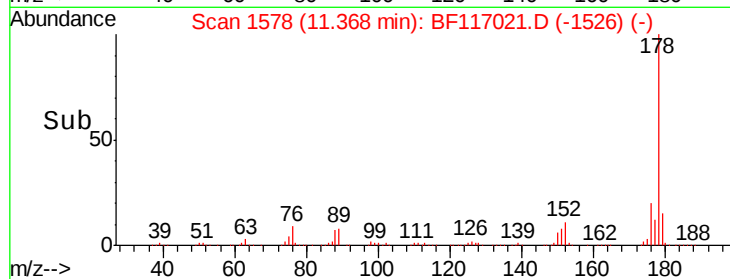
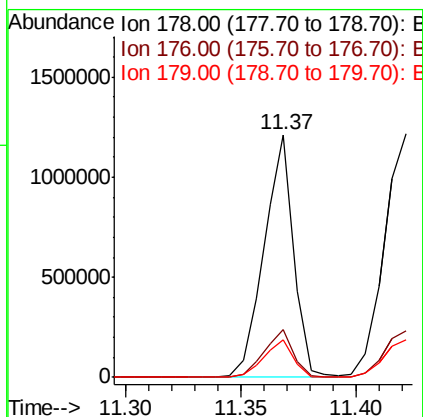
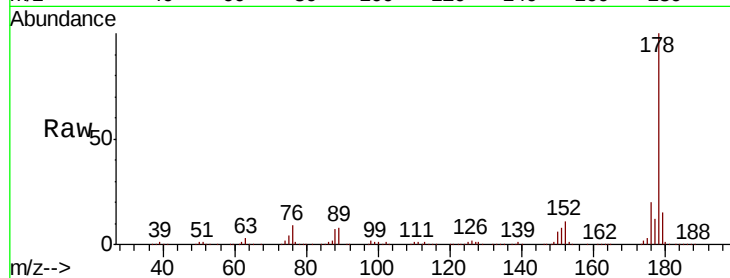




#71
Phenanthrene
Concen: 57.623 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.01 min
Lab File: BF117021.D
Acq: 13 Sep 2019 14:15

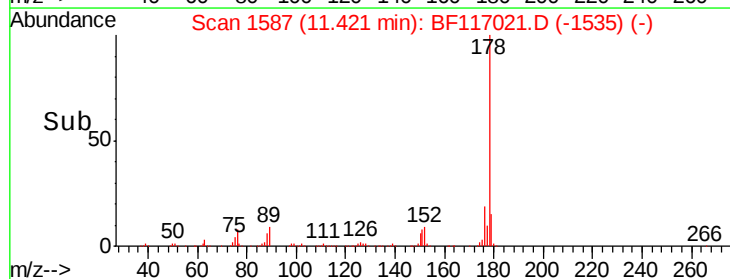
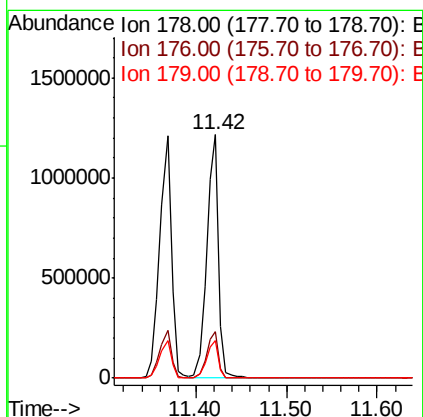
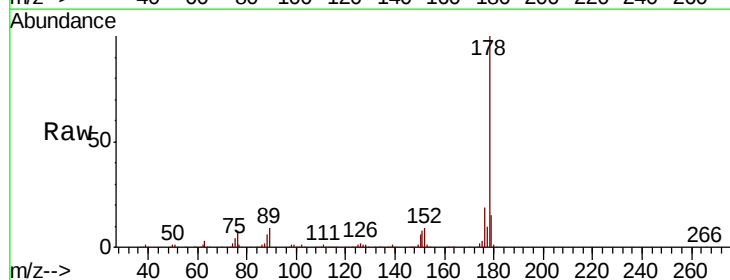
Instrument :
BNA_F
ClientSampleId :

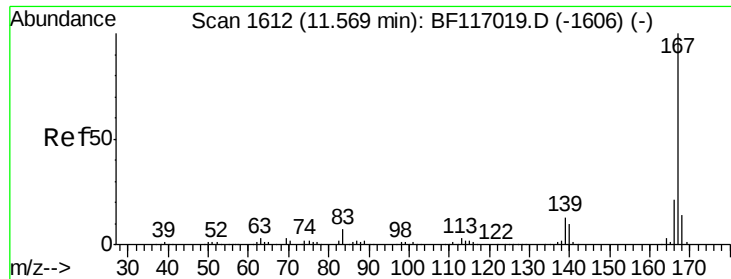
Tot Ion:178 Resp: 1076198
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.2
179 15.4 12.4 18.6



#72
Anthracene
Concen: 58.827 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF117021.D
Acq: 13 Sep 2019 14:15

Tgt Ion:178 Resp: 1105976
Ion Ratio Lower Upper
178 100
176 19.0 14.6 21.8
179 15.4 11.6 17.4

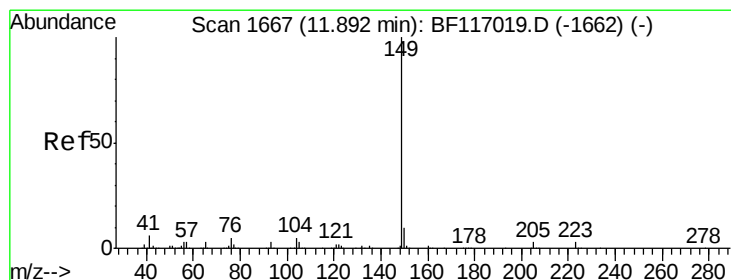
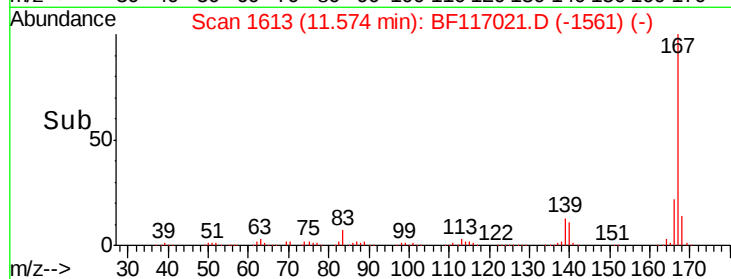
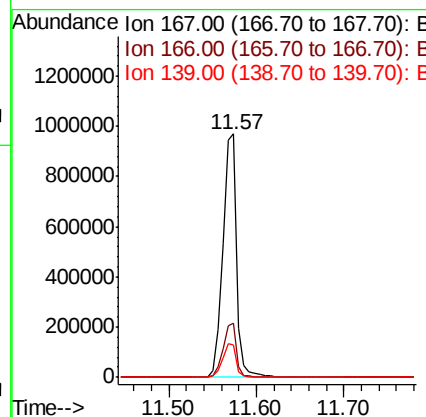
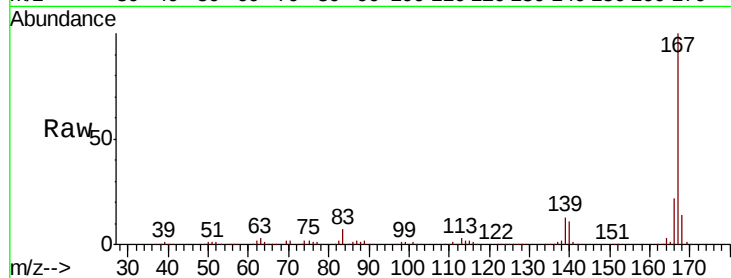




#73
 Carbazole
 Concen: 58.880 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.01 min
 Lab File: BF117021.D
 Acq: 13 Sep 2019 14:15

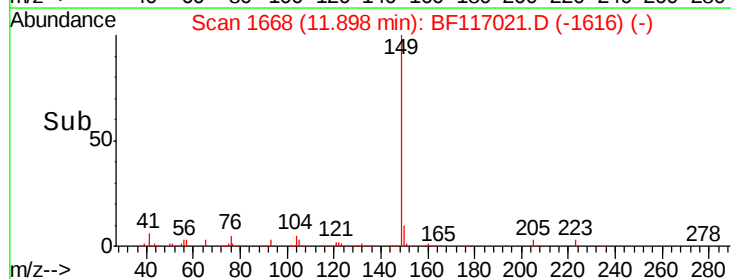
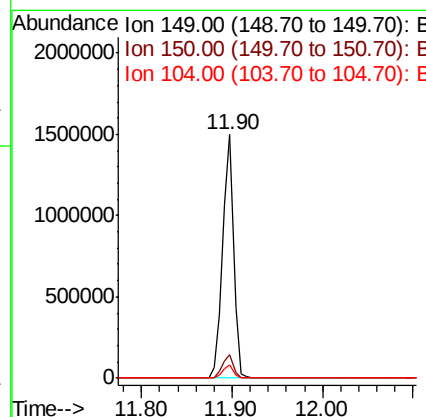
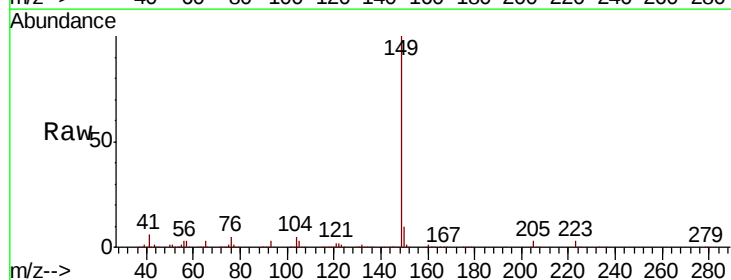
Instrument :
 BNA_F
 ClientSampleId :

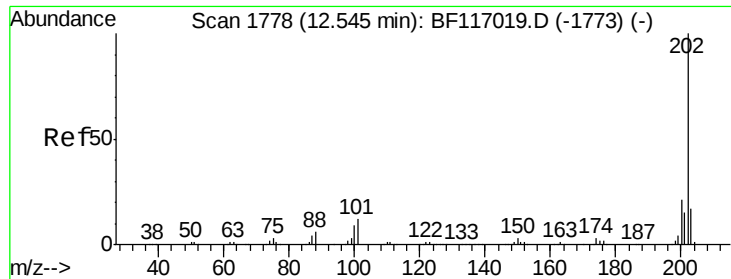
Tot Ion:167 Resp: 1054461
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.2 25.8
 139 13.5 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 54.042 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. 0.01 min
 Lab File: BF117021.D
 Acq: 13 Sep 2019 14:15

Tgt Ion:149 Resp: 1240720
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.7 11.5
 104 5.4 4.2 6.4





#75

Fluoranthene

Concen: 61.161 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.01 min

Lab File: BF117021.D

Acq: 13 Sep 2019 14:15

Instrument :

BNA_F

ClientSampleId :

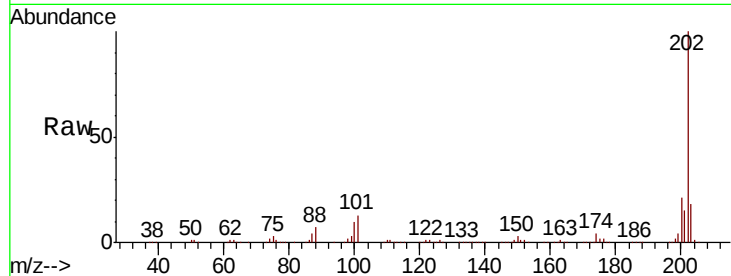
Tot Ion:202 Resp: 1122577

Ion Ratio Lower Upper

202 100

101 13.1 0.0 32.3

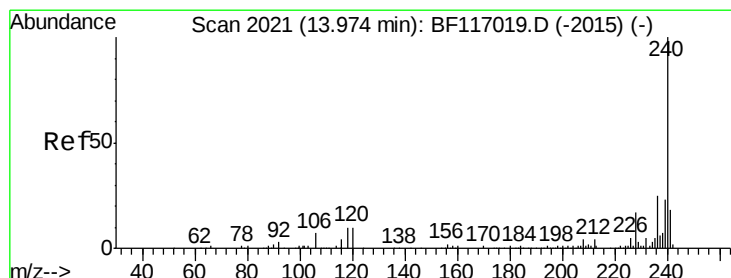
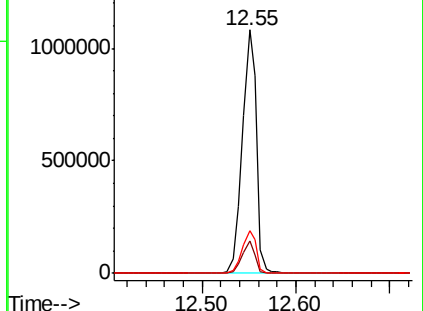
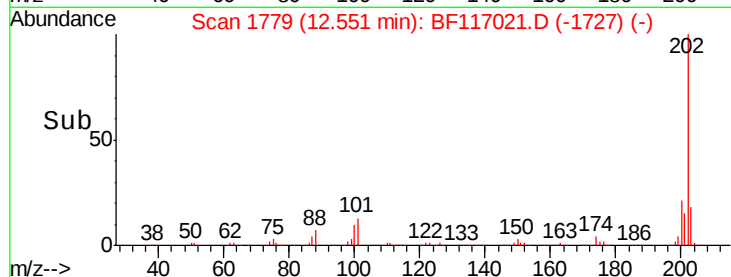
203 17.6 0.0 37.1



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: BF117021.D

Acq: 13 Sep 2019 14:15

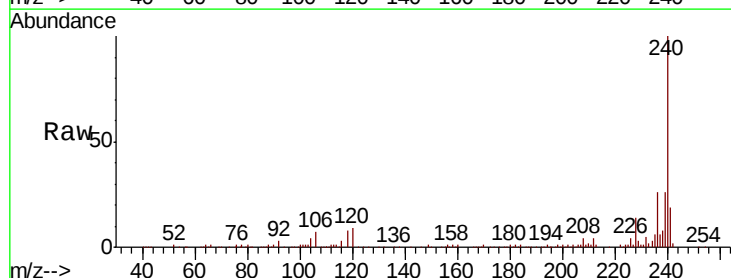
Tgt Ion:240 Resp: 219516

Ion Ratio Lower Upper

240 100

120 9.0 8.3 12.5

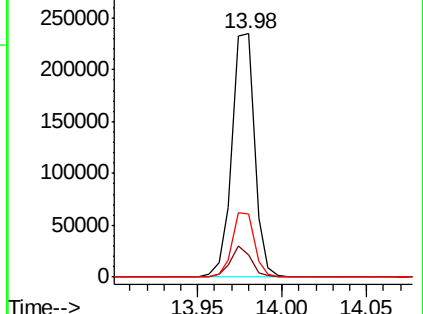
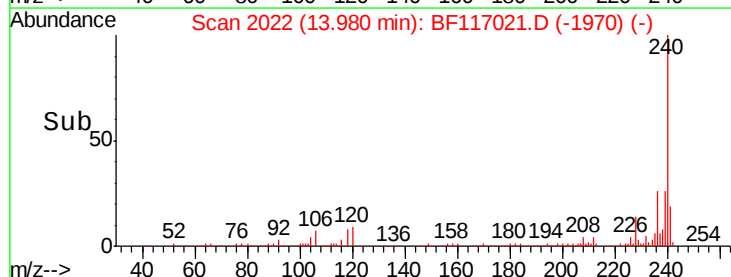
236 25.8 20.3 30.5

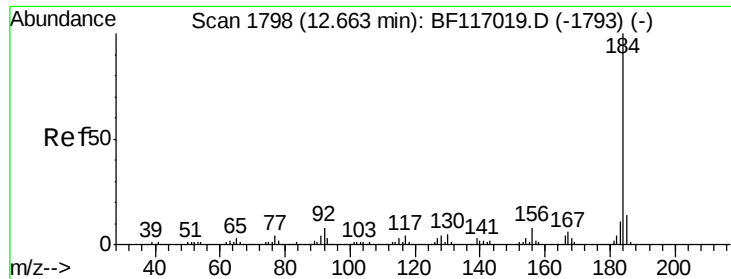


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 46.787 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.01 min

Lab File: BF117021.D

Acq: 13 Sep 2019 14:15

Instrument :

BNA_F

ClientSampled :

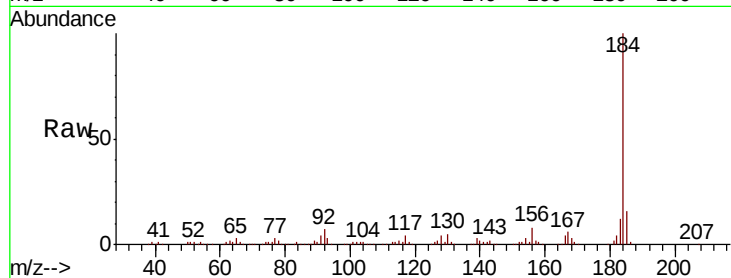
Tot Ion:184 Resp: 402835

Ion Ratio Lower Upper

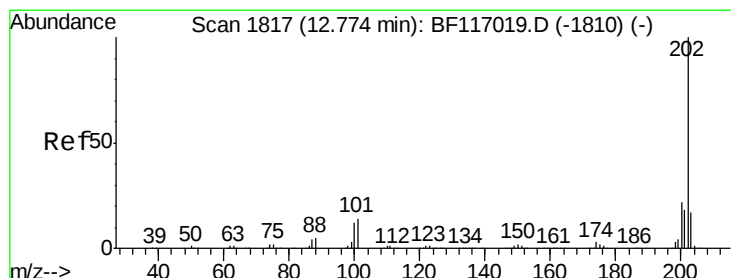
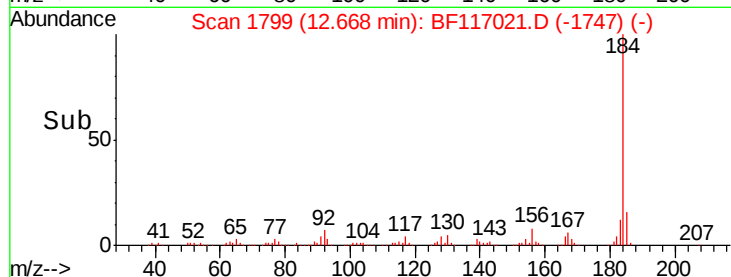
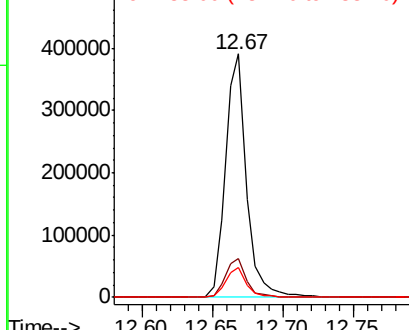
184 100

185 15.8 11.6 17.4

183 12.1 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: 57.729 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.01 min

Lab File: BF117021.D

Acq: 13 Sep 2019 14:15

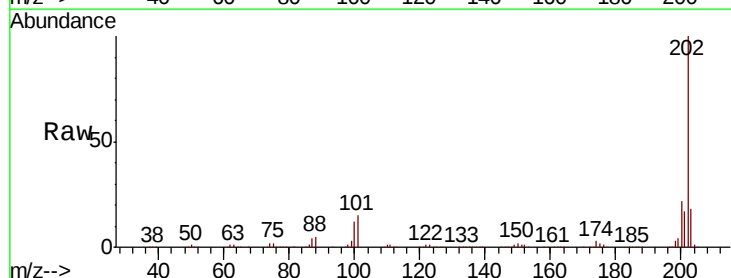
Tgt Ion:202 Resp: 1126486

Ion Ratio Lower Upper

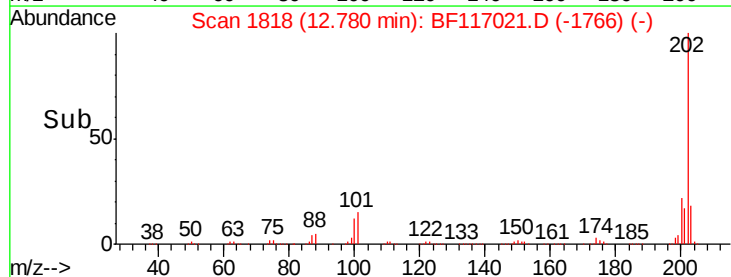
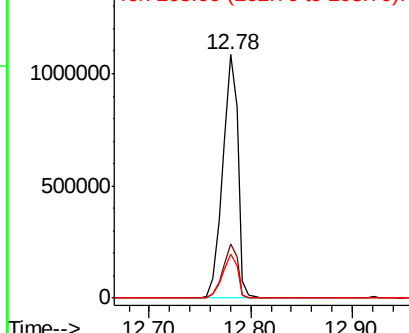
202 100

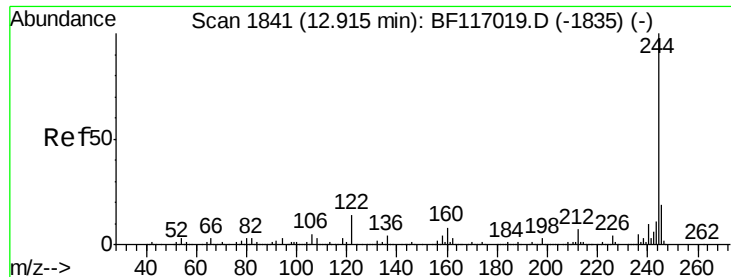
200 22.0 17.2 25.8

203 17.9 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

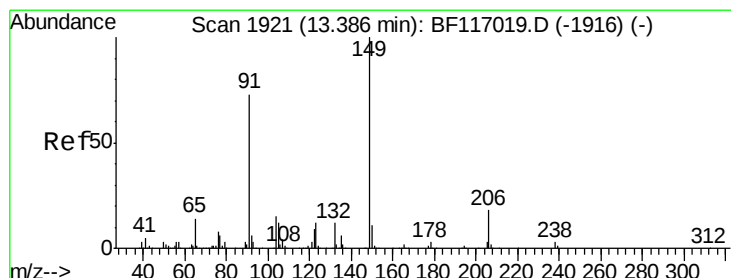
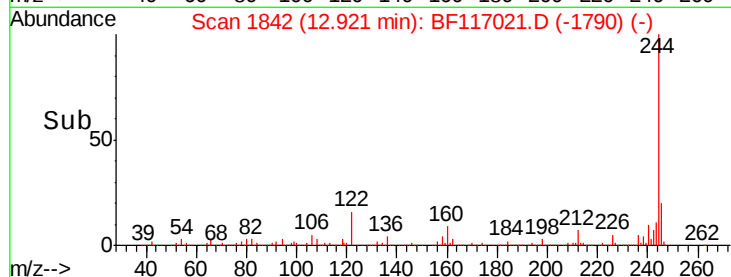
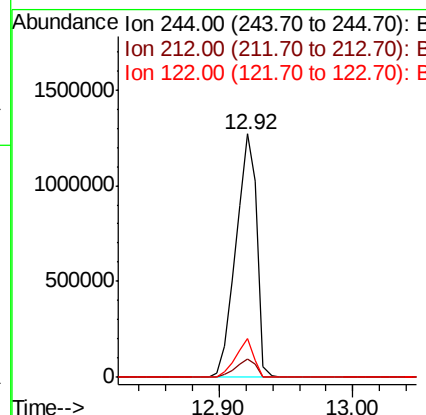
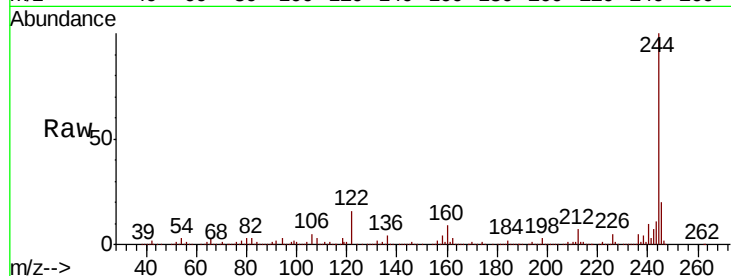




#79
 Terphenyl-d14
 Concen: 117.593 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: BF117021.D
 Acq: 13 Sep 2019 14:15

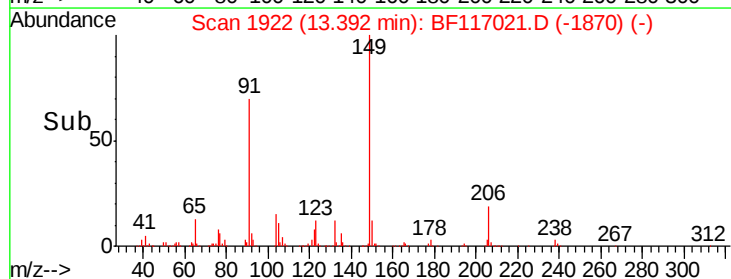
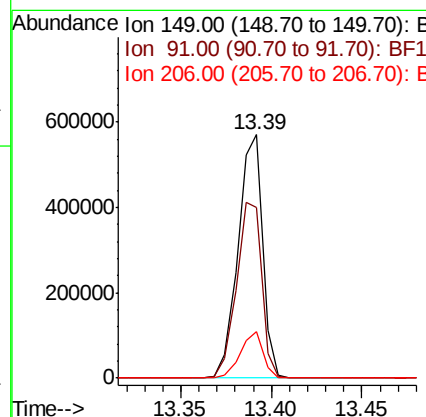
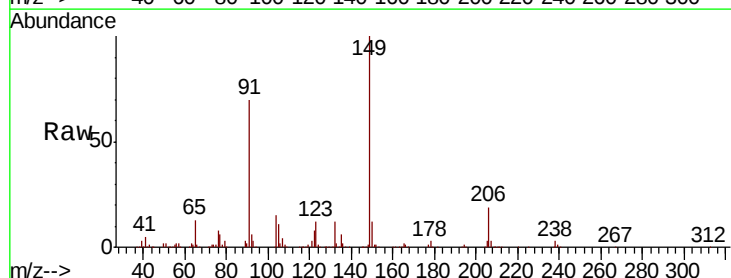
Instrument :
 BNA_F
 ClientSampleId :

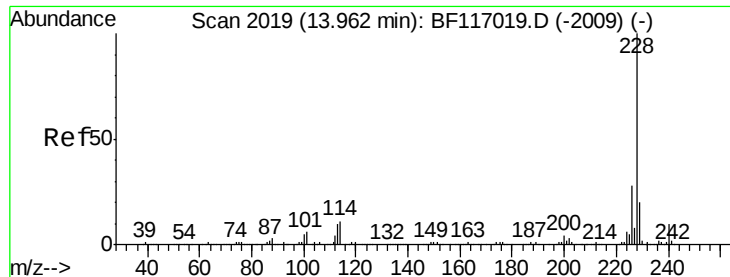
Tot Ion:244 Resp: 1395371
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 15.9 11.3 16.9



#80
 Butylbenzylphthalate
 Concen: 56.644 ng
 RT: 13.39 min Scan# 1922
 Delta R.T. 0.01 min
 Lab File: BF117021.D
 Acq: 13 Sep 2019 14:15

Tgt Ion:149 Resp: 537520
 Ion Ratio Lower Upper
 149 100
 91 70.0 58.8 88.2
 206 19.1 14.1 21.1





#81

Benzo(a)anthracene

Concen: 63.229 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF117021.D

Acq: 13 Sep 2019 14:15

Instrument :

BNA_F

ClientSampleId :

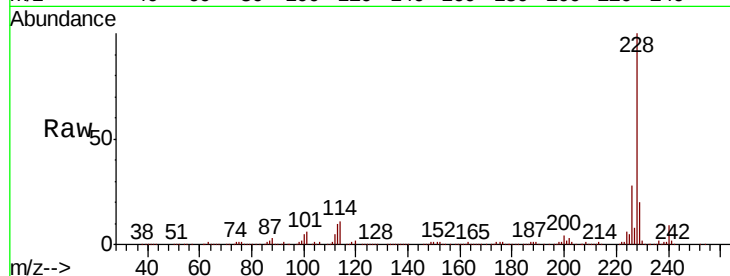
Tot Ion:228 Resp: 878454

Ion Ratio Lower Upper

228 100

226 28.0 22.3 33.5

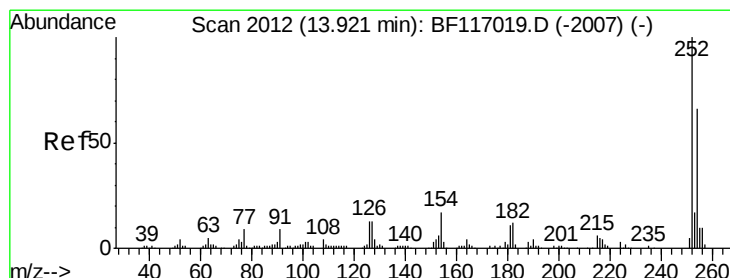
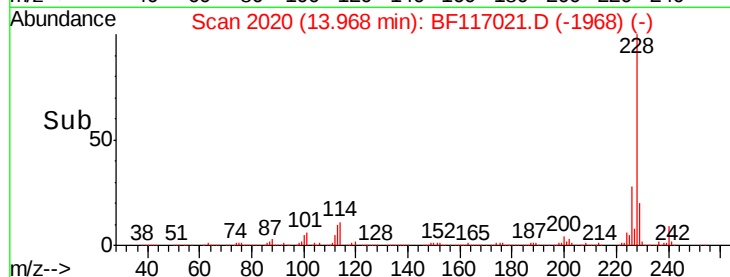
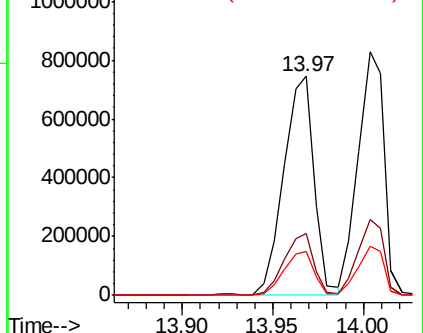
229 20.0 15.9 23.9



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: 55.110 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.01 min

Lab File: BF117021.D

Acq: 13 Sep 2019 14:15

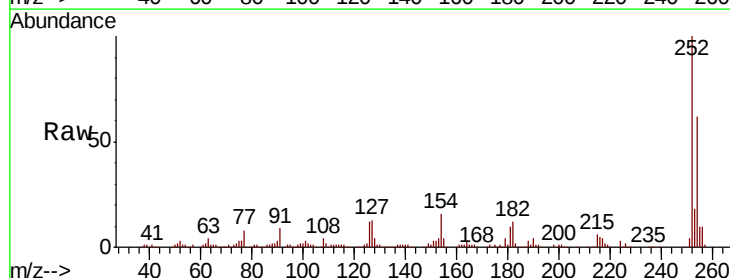
Tgt Ion:252 Resp: 258745

Ion Ratio Lower Upper

252 100

254 62.1 52.6 79.0

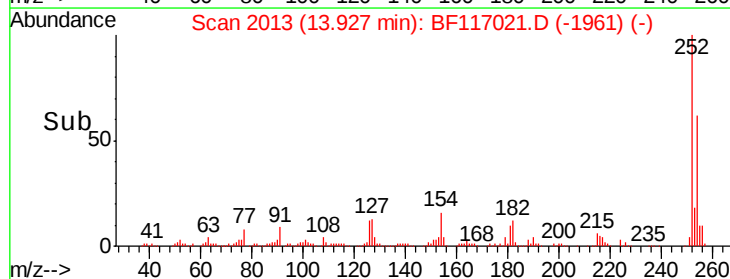
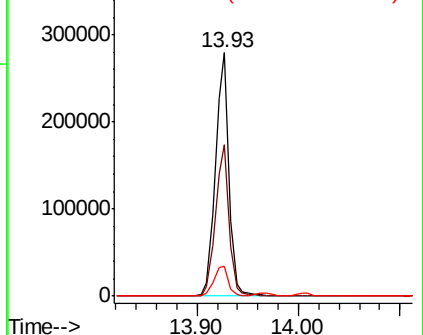
126 12.4 10.4 15.6

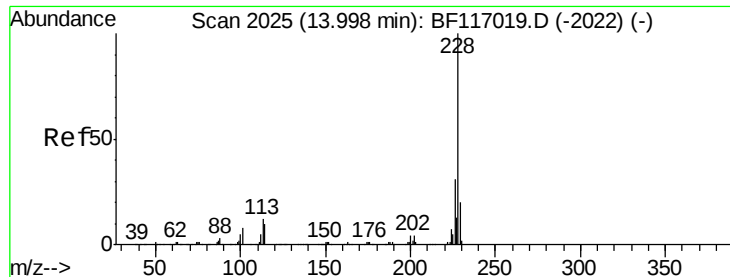


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 58.264 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF117021.D

Acq: 13 Sep 2019 14:15

Instrument :

BNA_F

ClientSampleId :

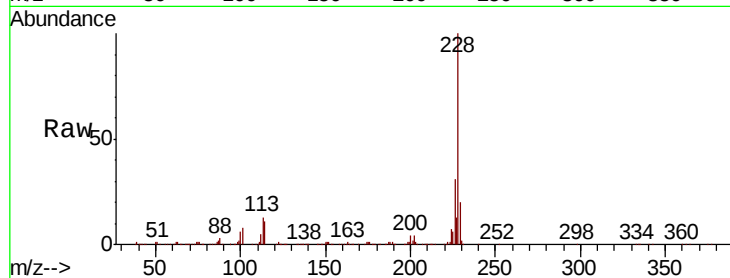
Tot Ion:228 Resp: 833949

Ion Ratio Lower Upper

228 100

226 30.9 24.8 37.2

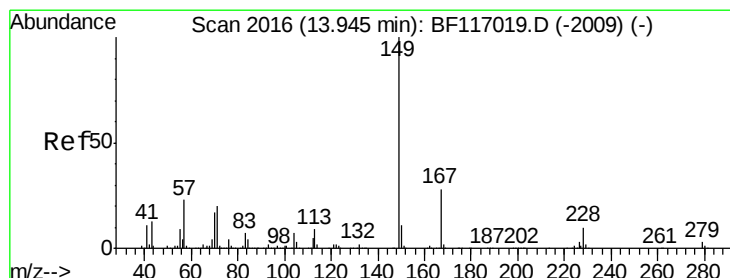
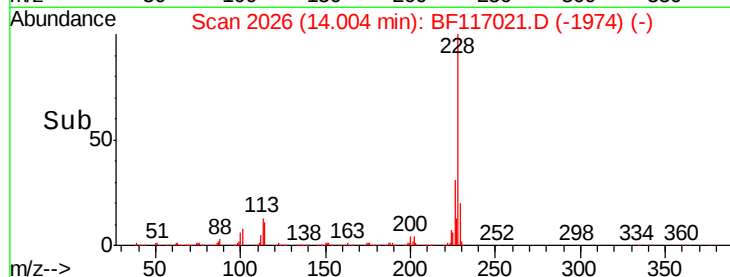
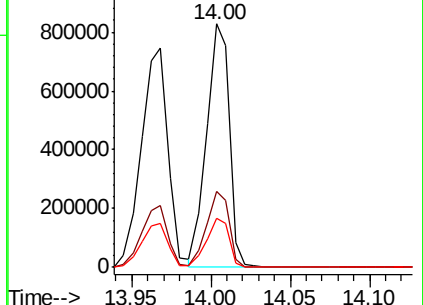
229 20.0 15.8 23.8



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: 57.751 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BF117021.D

Acq: 13 Sep 2019 14:15

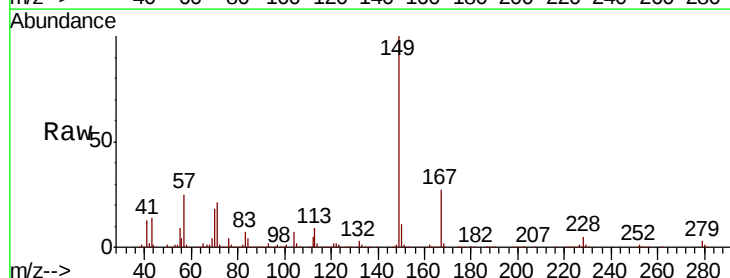
Tgt Ion:149 Resp: 676487

Ion Ratio Lower Upper

149 100

167 27.2 22.2 33.2

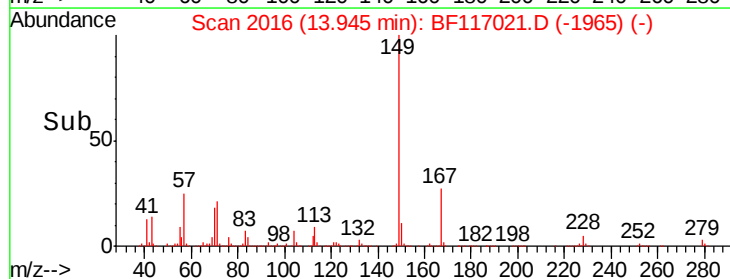
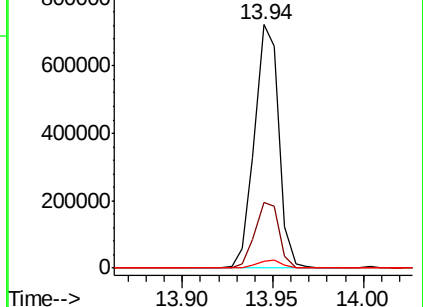
279 2.9 2.8 4.2

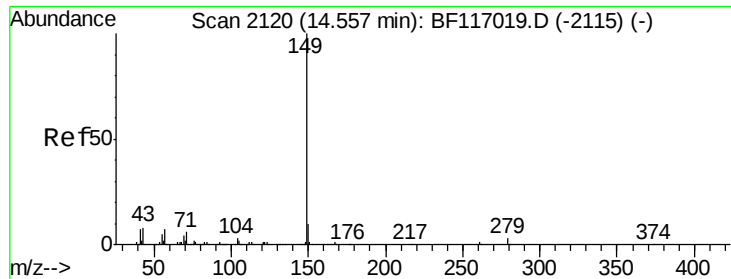


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

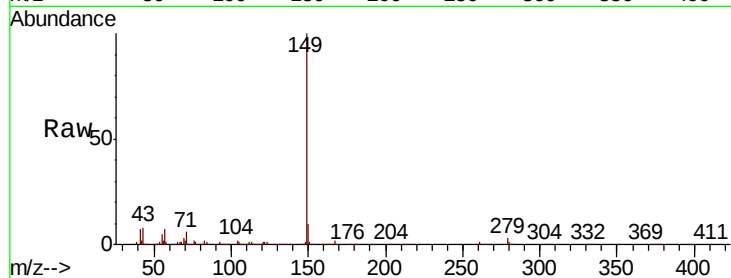




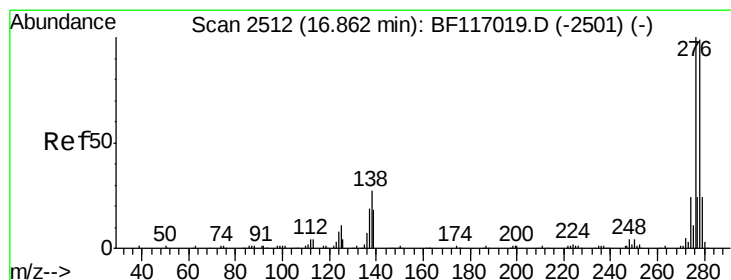
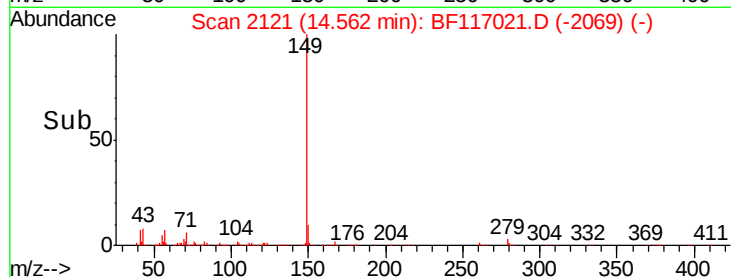
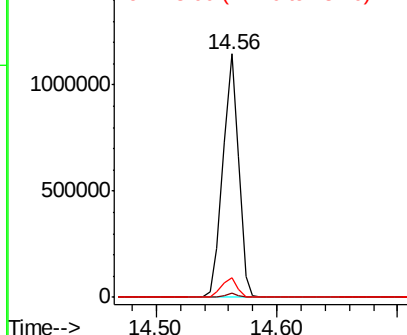
#85
Di-n-octyl phthalate
Concen: 53.741 ng
RT: 14.56 min Scan# 2121
Delta R.T. 0.01 min
Lab File: BF117021.D
Acq: 13 Sep 2019 14:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1030176
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 8.0 6.2 9.4

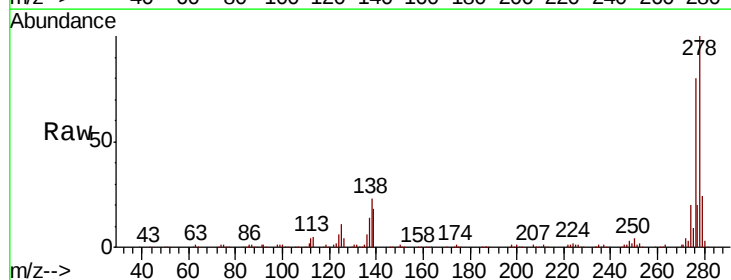


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

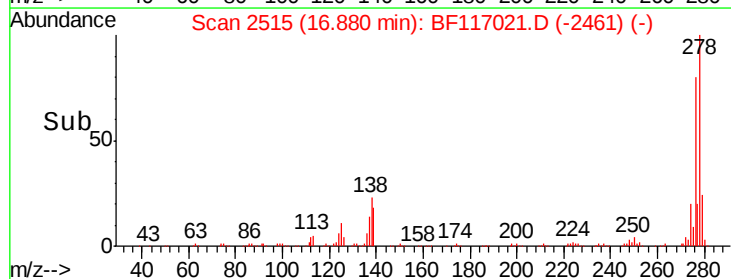
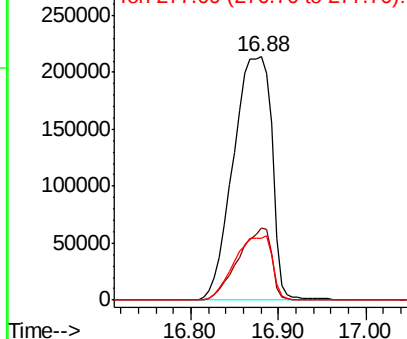


#86
Indeno(1,2,3-cd)pyrene
Concen: 55.737 ng
RT: 16.88 min Scan# 2515
Delta R.T. 0.02 min
Lab File: BF117021.D
Acq: 13 Sep 2019 14:15

Tgt Ion:276 Resp: 640796
Ion Ratio Lower Upper
276 100
138 25.7 20.7 31.1
277 25.7 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: 15.42 min Scan# 2267

Delta R.T. -0.00 min

Lab File: BF117021.D

Acq: 13 Sep 2019 14:15

Instrument :

BNA_F

ClientSampleId :

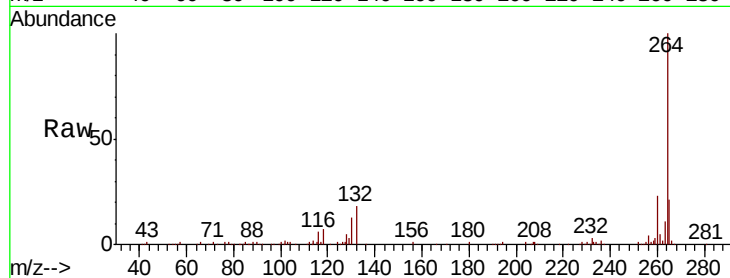
Tot Ion:264 Resp: 189892

Ion Ratio Lower Upper

264 100

260 23.3 17.6 26.4

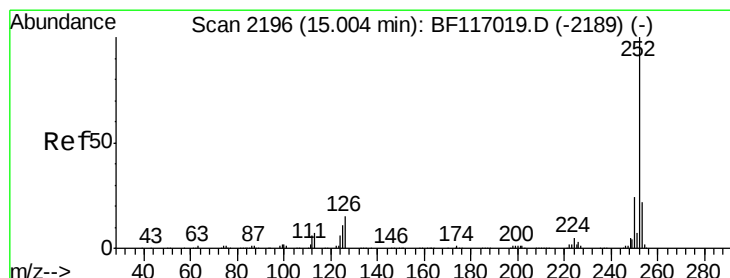
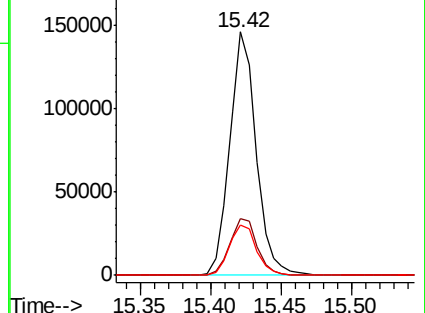
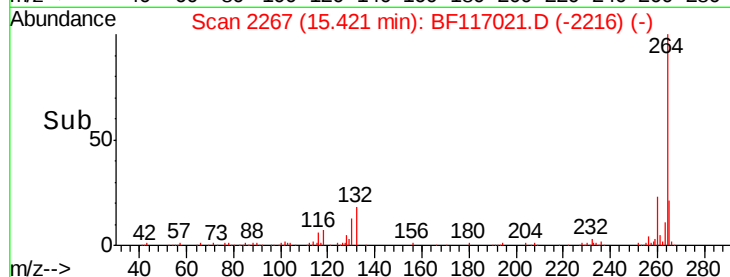
265 20.9 16.6 24.8



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: 57.839 ng

RT: 15.01 min Scan# 2197

Delta R.T. 0.01 min

Lab File: BF117021.D

Acq: 13 Sep 2019 14:15

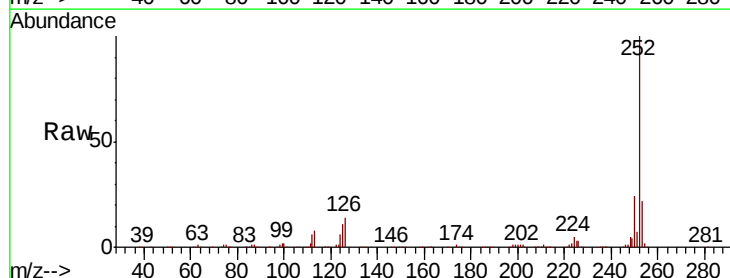
Tgt Ion:252 Resp: 664022

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

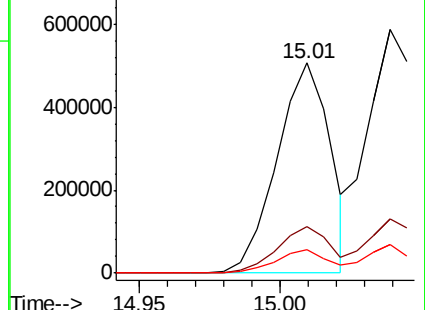
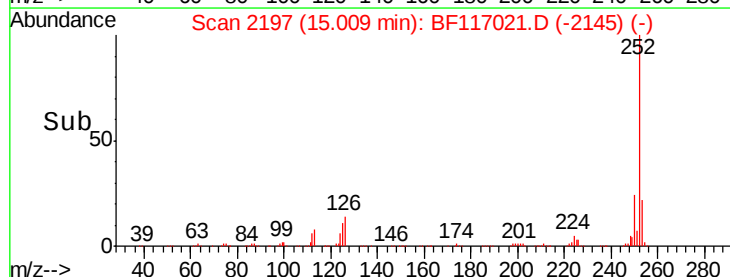
125 11.2 8.6 12.8

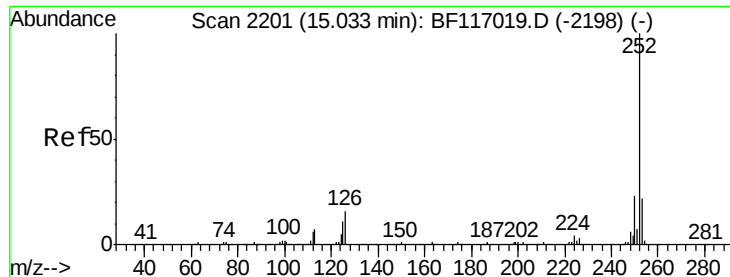


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 62.314 ng

RT: 15.04 min Scan# 2202

Delta R.T. 0.01 min

Lab File: BF117021.D

Acq: 13 Sep 2019 14:15

Instrument :

BNA_F

ClientSampleId :

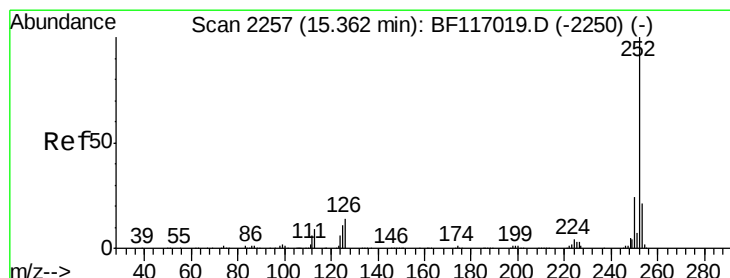
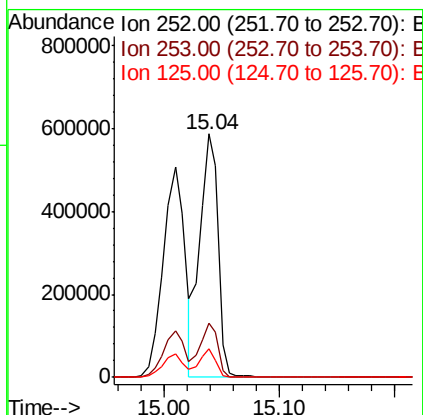
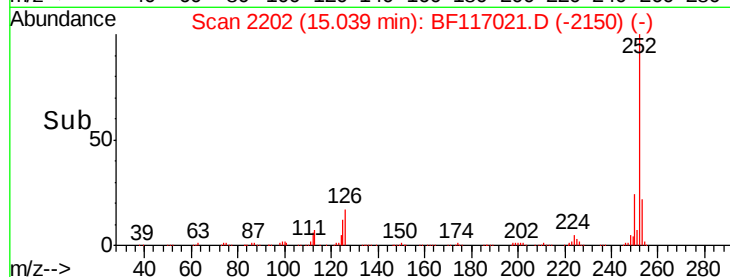
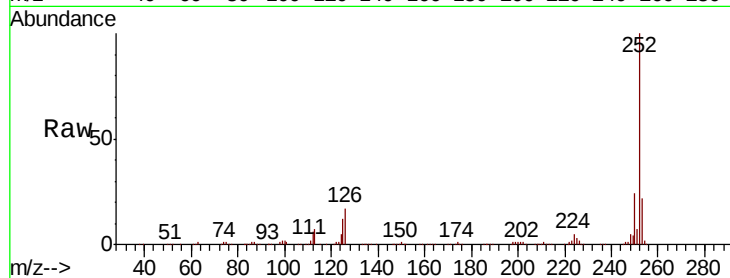
Tot Ion:252 Resp: 652283

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

125 11.8 8.8 13.2



#90

Benzo(a)pyrene

Concen: 59.987 ng

RT: 15.37 min Scan# 2258

Delta R.T. 0.01 min

Lab File: BF117021.D

Acq: 13 Sep 2019 14:15

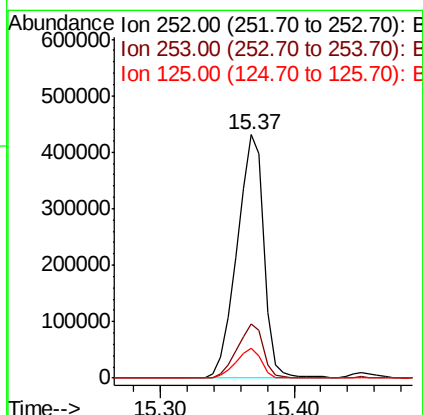
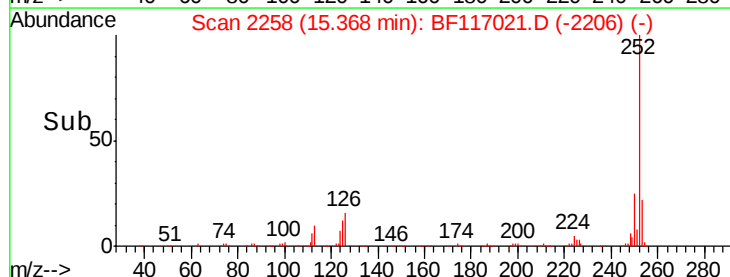
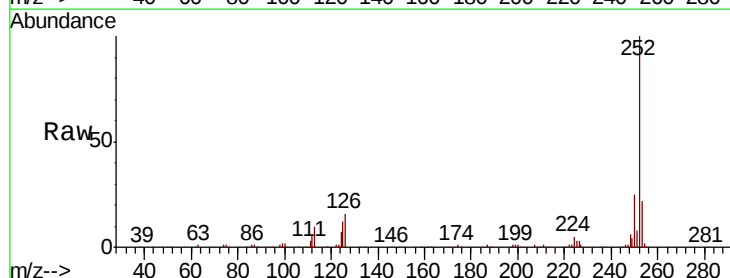
Tgt Ion:252 Resp: 599162

Ion Ratio Lower Upper

252 100

253 22.3 16.6 25.0

125 12.3 8.9 13.3

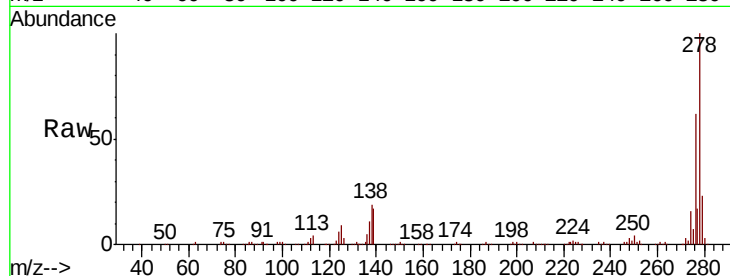




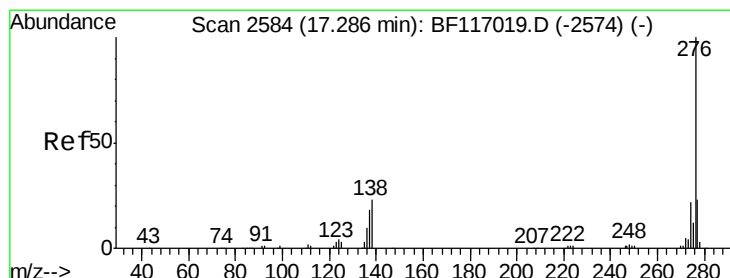
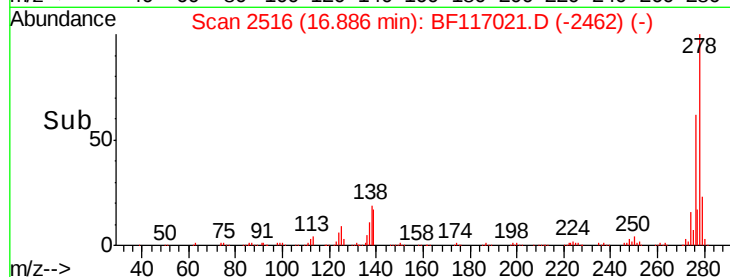
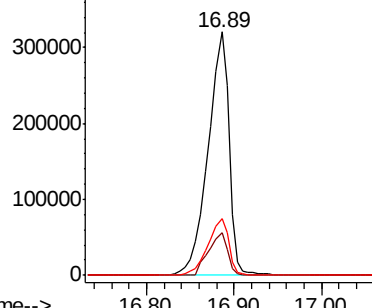
#91
Dibenzo(a,h)anthracene
Concen: 58.977 ng
RT: 16.89 min Scan# 2516
Delta R.T. 0.02 min
Lab File: BF117021.D
Acq: 13 Sep 2019 14:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 515623
Ion Ratio Lower Upper
278 100
139 17.3 13.5 20.3
279 23.1 18.8 28.2

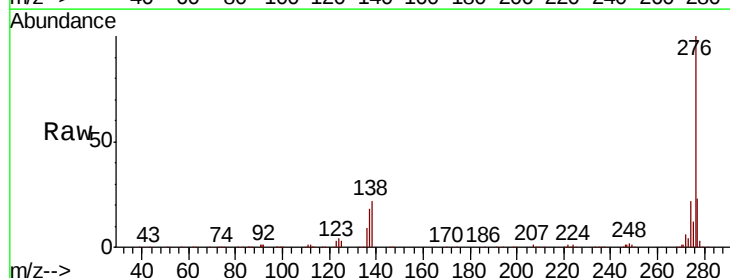


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 59.150 ng
RT: 17.30 min Scan# 2587
Delta R.T. 0.02 min
Lab File: BF117021.D
Acq: 13 Sep 2019 14:15

Tgt Ion:276 Resp: 527415
Ion Ratio Lower Upper
276 100
277 23.2 18.6 27.8
138 21.6 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

