

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100819\
 Data File : BF117340.D
 Acq On : 8 Oct 2019 15:05
 Operator : JU
 Sample : PB123732BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 09 01:29:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:26:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	49382	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	207741	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	109799	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	179938	20.00	ng	0.00
76) Chrysene-d12	13.97	240	136805	20.00	ng	0.00
87) Perylene-d12	15.43	264	113880	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	345799	109.33	ng	0.01
7) Phenol-d6	6.45	99	461648	112.94	ng	0.00
23) Nitrobenzene-d5	7.37	82	244316	61.79	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	101627	110.74	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	459566	65.44	ng	0.00
79) Terphenyl-d14	12.91	244	473785	64.74	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	49022	37.039	ng	95
3) Pyridine	3.38	79	108910	30.063	ng	93
4) n-Nitrosodimethylamine	3.32	42	46319	37.258	ng	99
6) Aniline	6.47	93	164221	31.203	ng	# 60
8) 2-Chlorophenol	6.59	128	143924	42.179	ng	98
9) Benzaldehyde	6.35	77	98474	50.750	ng	97
10) Phenol	6.46	94	180642	40.086	ng	83
11) bis(2-Chloroethyl)ether	6.54	93	132568	40.027	ng	98
12) 1,3-Dichlorobenzene	6.75	146	149880	39.144	ng	97
13) 1,4-Dichlorobenzene	6.82	146	154535	39.548	ng	99
14) 1,2-Dichlorobenzene	6.97	146	143567	39.462	ng	98
15) Benzyl Alcohol	6.95	79	125026	39.885	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	133601	40.829	ng	# 49
17) 2-Methylphenol	7.07	107	118868	41.566	ng	# 89
18) Hexachloroethane	7.31	117	57935	38.540	ng	97
19) n-Nitroso-di-n-propylamine	7.22	70	108041	43.405	ng	94
20) 3+4-Methylphenols	7.22	107	152263	42.745	ng	# 70
22) Acetophenone	7.22	105	211795	40.127	ng	# 97
24) Nitrobenzene	7.39	77	158329	40.550	ng	97
25) Isophorone	7.63	82	289402	41.340	ng	99
26) 2-Nitrophenol	7.70	139	71405	42.576	ng	100
27) 2,4-Dimethylphenol	7.75	122	124358	46.759	ng	97
28) bis(2-Chloroethoxy)methane	7.83	93	173545	40.237	ng	99
29) 2,4-Dichlorophenol	7.95	162	117562	42.186	ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	120110	39.894	ng	97
31) Naphthalene	8.10	128	415131	41.550	ng	99
32) Benzoic acid	7.89	122	51359	28.655	ng	96
33) 4-Chloroaniline	8.16	127	108249	24.428	ng	98
34) Hexachlorobutadiene	8.22	225	65066	38.092	ng	96
35) Caprolactam	8.53	113	18070	19.157	ng	94
36) 4-Chloro-3-methylphenol	8.65	107	133529	41.093	ng	96
37) 2-Methylnaphthalene	8.80	142	288265	42.846	ng	98
38) 1-Methylnaphthalene	8.90	142	270713	42.962	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	111782	39.425	ng	98

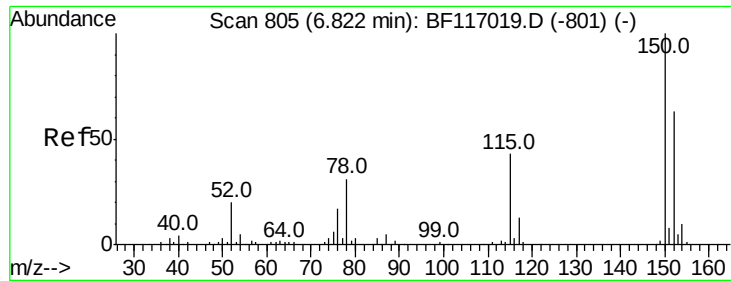
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100819\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	71540	59.330	nq	100
43) 2,4,6-Trichlorophenol	9.09	196	72552	37.707	nq	97
44) 2,4,5-Trichlorophenol	9.13	196	77624	37.759	nq	97
46) 1,1'-Biphenyl	9.26	154	337901	39.233	nq	98
47) 2-Chloronaphthalene	9.29	162	262307	38.590	nq	98
48) 2-Nitroaniline	9.39	65	81379	37.326	nq	91
49) Acenaphthylene	9.70	152	411703	40.432	nq	99
50) Dimethylphthalate	9.56	163	303612	39.053	nq	99
51) 2,6-Dinitrotoluene	9.63	165	66382	41.924	nq	87
52) Acenaphthene	9.87	154	241252	39.968	nq	99
53) 3-Nitroaniline	9.80	138	49527	24.792	nq	98
54) 2,4-Dinitrophenol	9.92	184	52993	77.795	nq	94
55) Dibenzofuran	10.05	168	362368	40.689	nq	100
56) 4-Nitrophenol	9.99	139	64371	49.716	nq	97
57) 2,4-Dinitrotoluene	10.04	165	86194	41.937	nq	# 80
58) Fluorene	10.39	166	300537	41.893	nq	96
59) 2,3,4,6-Tetrachlorophenol	10.17	232	59253	37.665	nq	96
60) Diethylphthalate	10.26	149	306166	40.029	nq	98
61) 4-Chlorophenyl-phenylether	10.37	204	127820	41.180	nq	96
62) 4-Nitroaniline	10.42	138	70192	33.786	nq	96
63) Azobenzene	10.54	77	324452	41.534	nq	98
65) 4,6-Dinitro-2-methylphenol	10.46	198	36260	44.769	nq	86
66) n-Nitrosodiphenylamine	10.50	169	258614	41.616	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	72994	39.722	nq	92
68) Hexachlorobenzene	10.95	284	76389	38.007	nq	96
69) Atrazine	11.03	200	80423	55.330	nq	96
70) Pentachlorophenol	11.15	266	52008	55.203	nq	99
71) Phenanthrene	11.35	178	413545	40.463	nq	99
72) Anthracene	11.40	178	433007	41.499	nq	98
73) Carbazole	11.56	167	397141	40.098	nq	98
74) Di-n-butylphthalate	11.88	149	507013	43.026	nq	99
75) Fluoranthene	12.54	202	425351	40.504	nq	100
77) Benzidine	12.66	184	238997	54.233	nq	99
78) Pyrene	12.77	202	431353	37.578	nq	98
80) Butylbenzylphthalate	13.37	149	209717	38.665	nq	96
81) Benzo(a)anthracene	13.96	228	353061	38.628	nq	98
82) 3,3'-Dichlorobenzidine	13.92	252	83325	28.290	nq	94
83) Chrysene	14.00	228	343290	38.509	nq	98
84) Bis(2-ethylhexyl)phthalate	13.93	149	297854	42.590	nq	97
85) Di-n-octyl phthalate	14.54	149	485333	44.092	nq	100
86) Indeno(1,2,3-cd)pyrene	16.89	276	228609	35.150	nq	98
88) Benzo(b)fluoranthene	15.01	252	283056	41.034	nq	99
89) Benzo(k)fluoranthene	15.04	252	289338	44.279	nq	98
90) Benzo(a)pyrene	15.37	252	250794	41.431	nq	99
91) Dibenzo(a,h)anthracene	16.89	278	197043	40.862	nq	98
92) Benzo(g,h,i)perylene	17.32	276	182224	37.922	nq	98

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

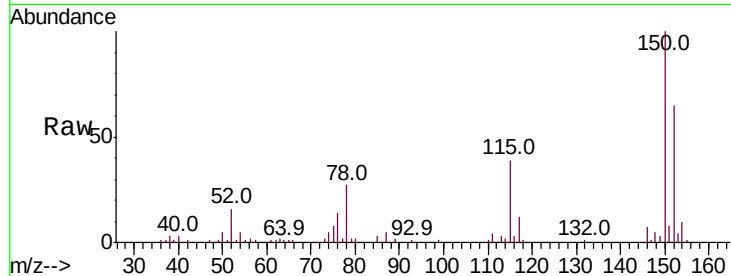


#1

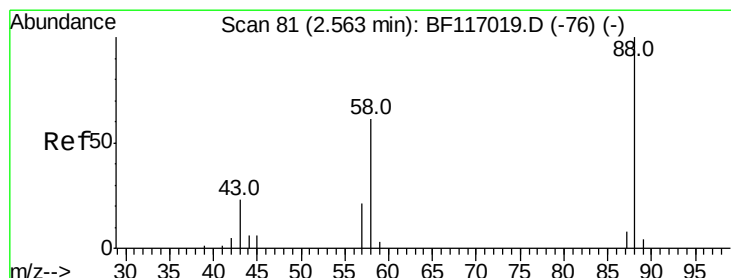
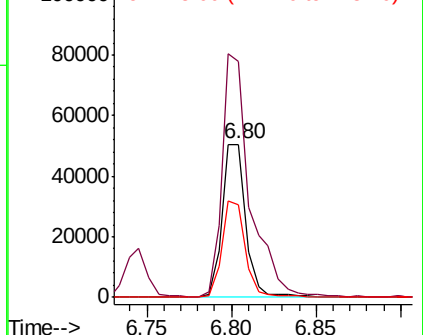
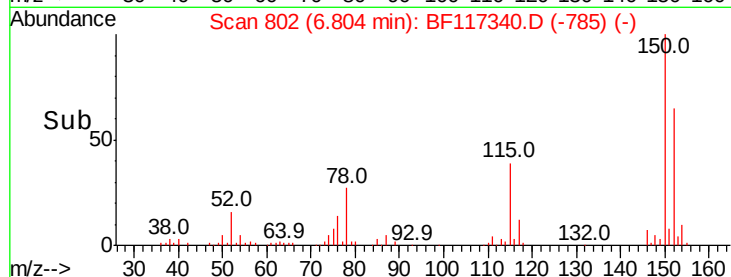
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 49382
Ion Ratio Lower Upper
152 100
150 154.8 127.5 191.3
115 60.2 55.0 82.4



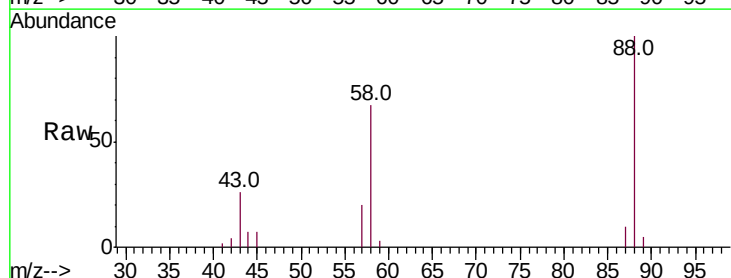
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



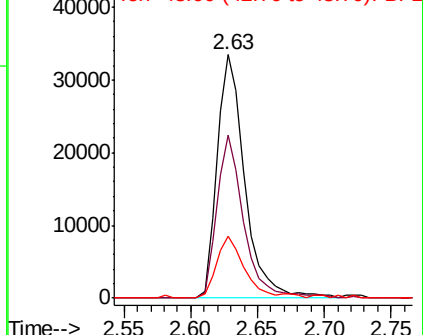
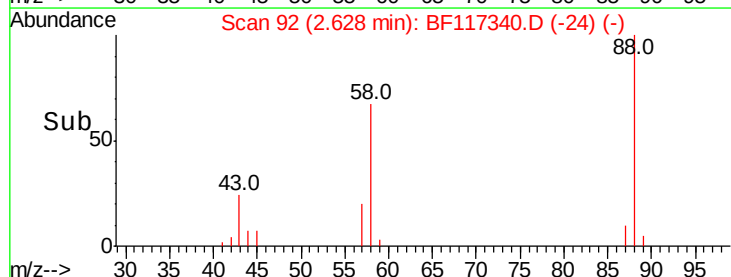
#2

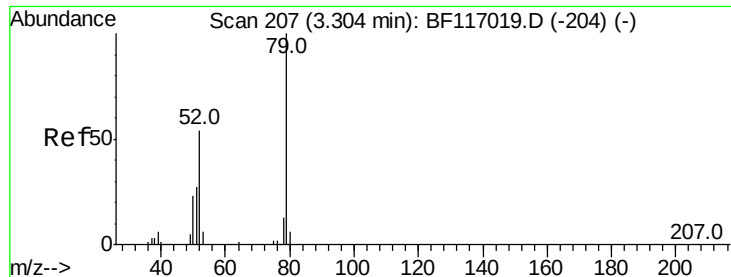
1,4-Dioxane
Concen: 37.039 ng
RT: 2.63 min Scan# 92
Delta R.T. 0.10 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Tgt Ion: 88 Resp: 49022
Ion Ratio Lower Upper
88 100
58 65.1 49.3 73.9
43 26.2 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: 30.063 ng

RT: 3.38 min Scan# 220

Delta R.T. 0.11 min

Lab File: BF117340.D

Acq: 8 Oct 2019 15:05

Instrument :

BNA_F

ClientSampleId :

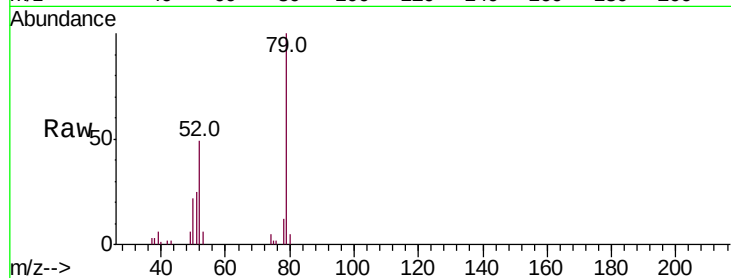
Tot Ion: 79 Resp: 108910

Ion Ratio Lower Upper

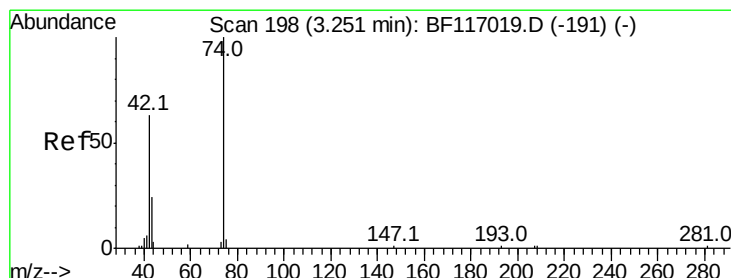
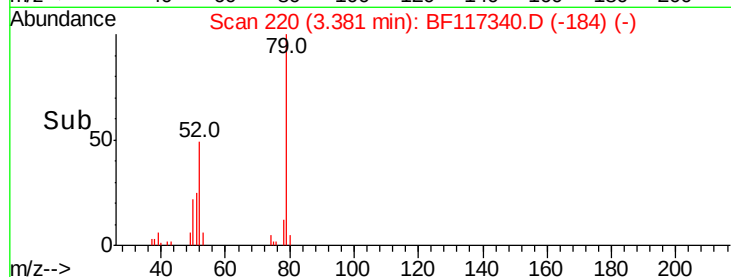
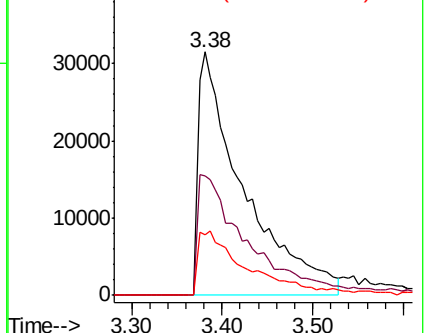
79 100

52 48.8 43.5 65.3

51 25.0 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: 37.258 ng

RT: 3.32 min Scan# 209

Delta R.T. 0.10 min

Lab File: BF117340.D

Acq: 8 Oct 2019 15:05

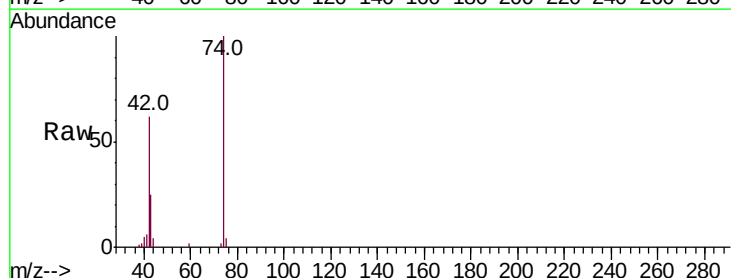
Tgt Ion: 42 Resp: 46319

Ion Ratio Lower Upper

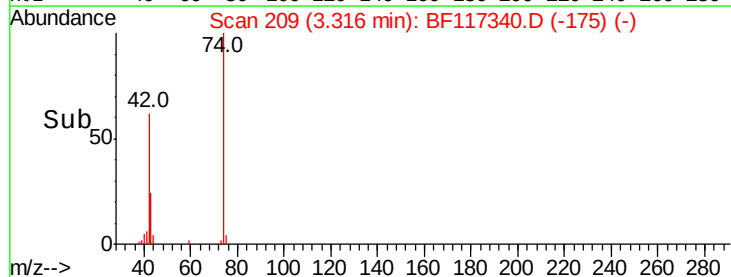
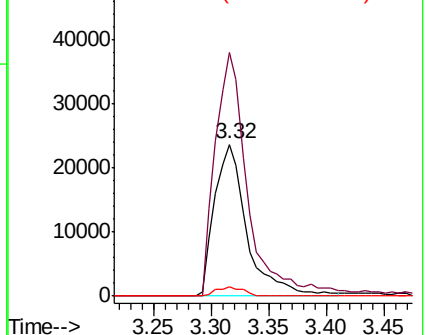
42 100

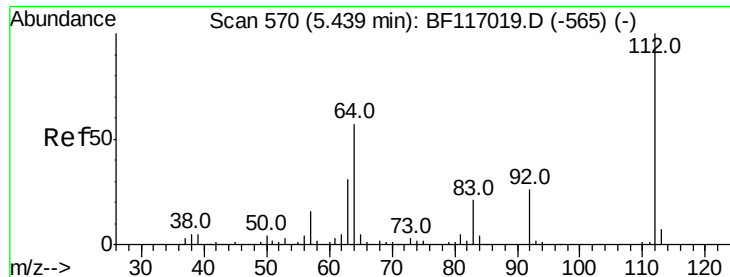
74 160.4 127.1 190.7

44 6.2 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: 109.327 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.01 min

Lab File: BF117340.D

Acq: 8 Oct 2019 15:05

Instrument :

BNA_F

ClientSampleId :

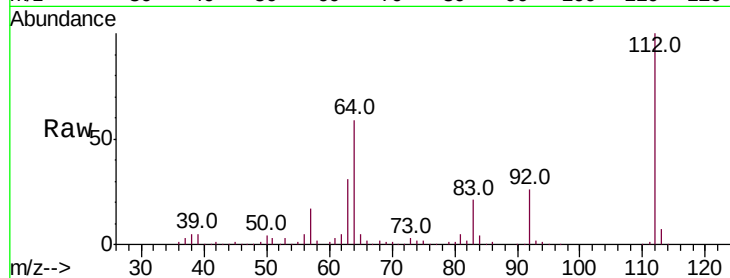
Tot Ion:112 Resp: 345799

Ion Ratio Lower Upper

112 100

64 58.8 45.7 68.5

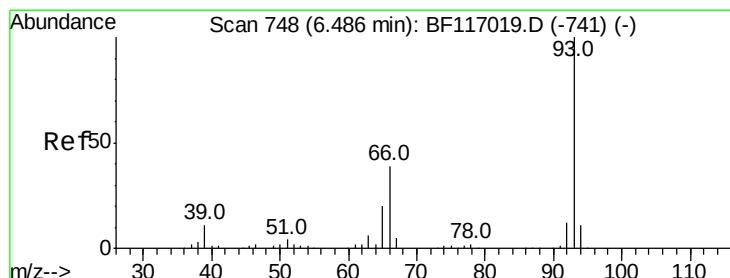
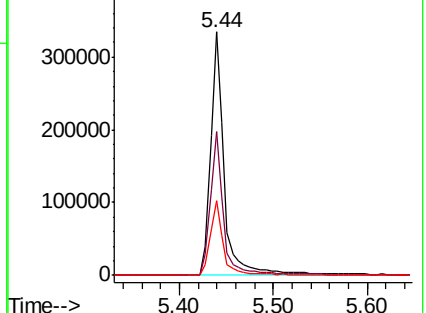
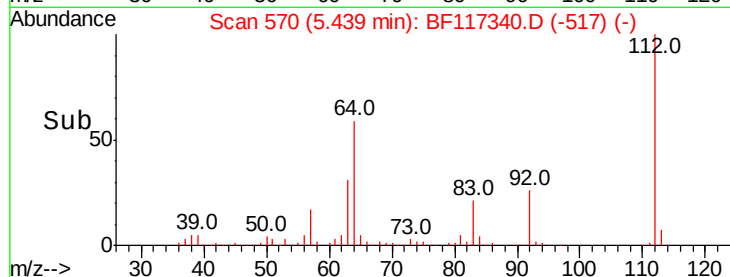
63 30.9 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 31.203 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF117340.D

Acq: 8 Oct 2019 15:05

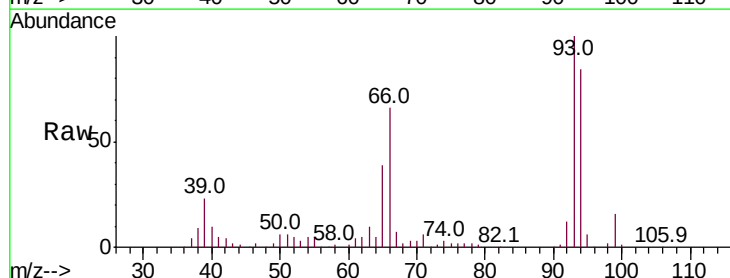
Tgt Ion: 93 Resp: 164221

Ion Ratio Lower Upper

93 100

66 65.8 32.6 49.0#

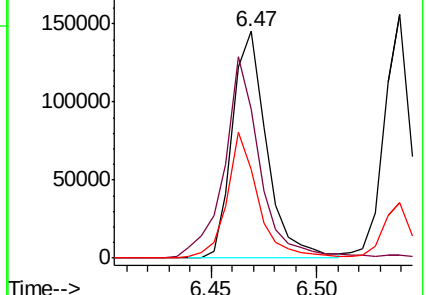
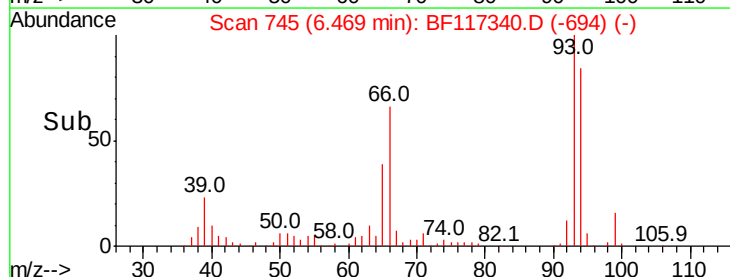
65 39.1 16.7 25.1#

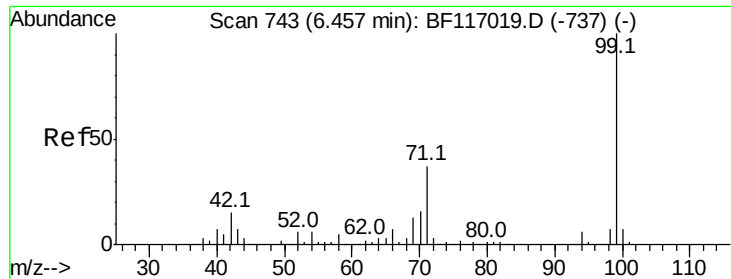


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 112.936 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF117340.D

Acq: 8 Oct 2019 15:05

Instrument :

BNA_F

ClientSampleId :

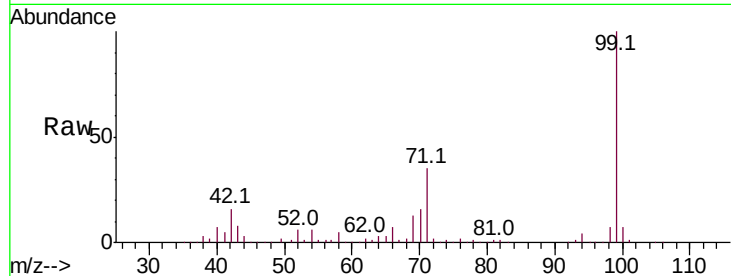
Tot Ion: 99 Resp: 461648

Ion Ratio Lower Upper

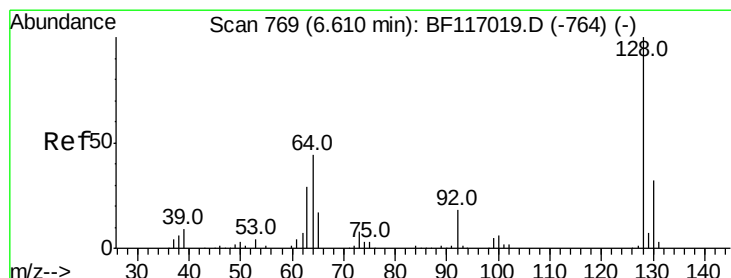
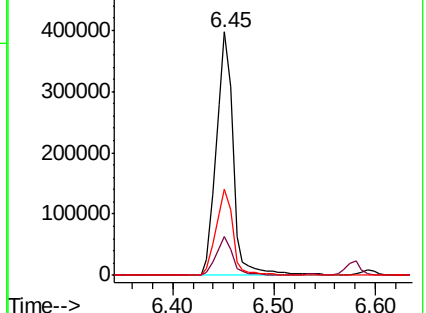
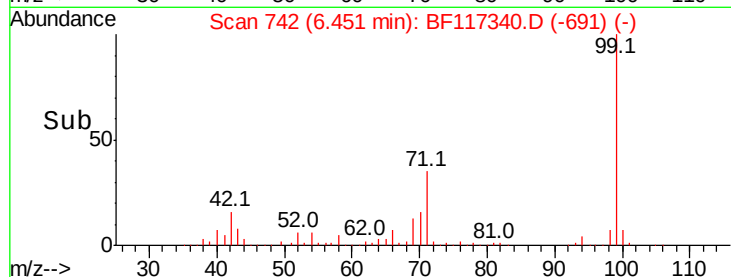
99 100

42 15.8 12.2 18.2

71 35.5 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: 42.179 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF117340.D

Acq: 8 Oct 2019 15:05

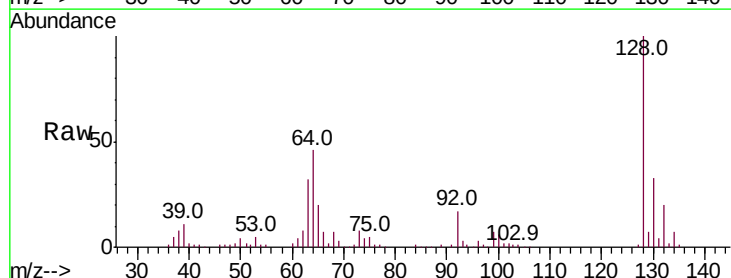
Tgt Ion: 128 Resp: 143924

Ion Ratio Lower Upper

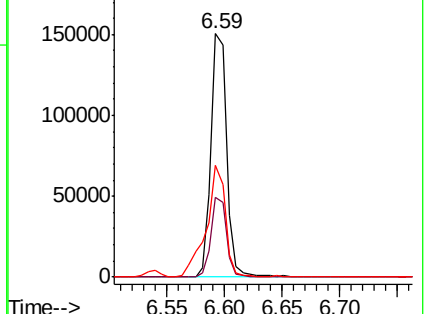
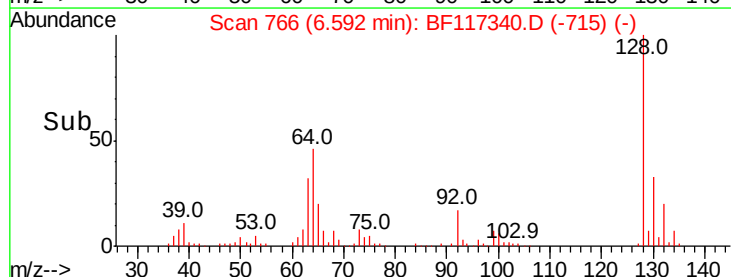
128 100

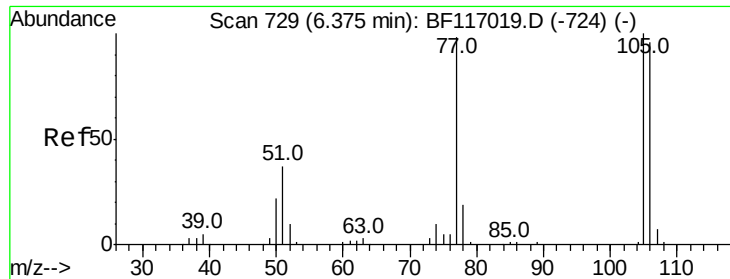
130 32.7 11.8 51.8

64 46.0 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: 50.750 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF117340.D

Acq: 8 Oct 2019 15:05

Instrument :

BNA_F

ClientSampled :

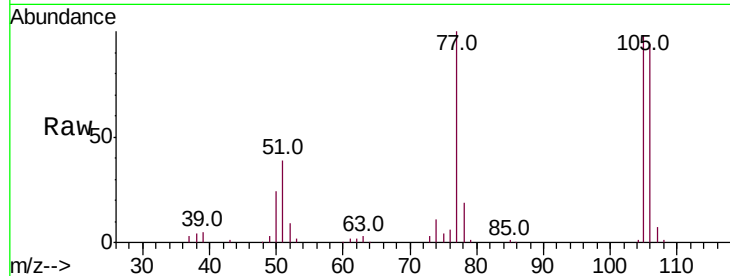
Tot Ion: 77 Resp: 98474

Ion Ratio Lower Upper

77 100

105 98.5 81.8 121.8

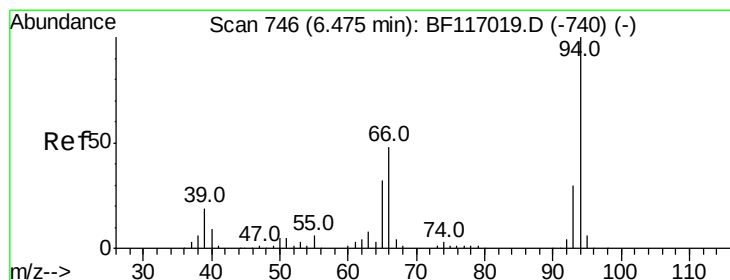
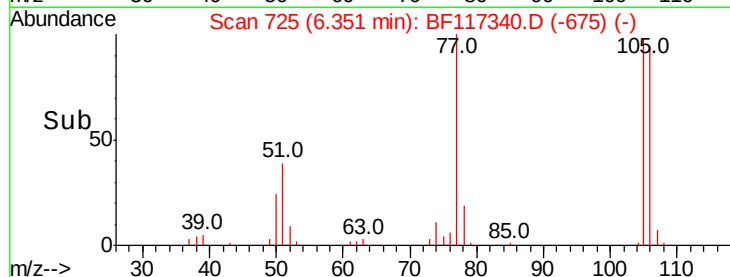
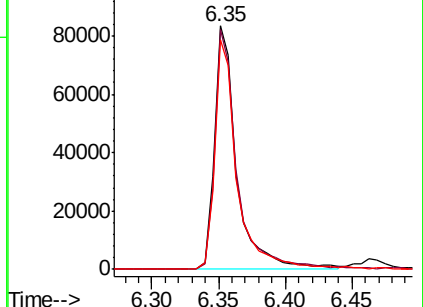
106 94.3 77.3 117.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.086 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF117340.D

Acq: 8 Oct 2019 15:05

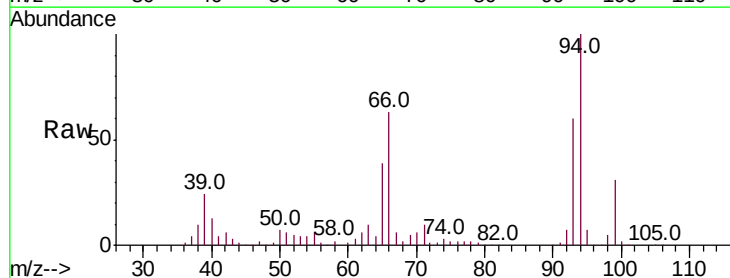
Tgt Ion: 94 Resp: 180642

Ion Ratio Lower Upper

94 100

65 39.0 12.5 52.5

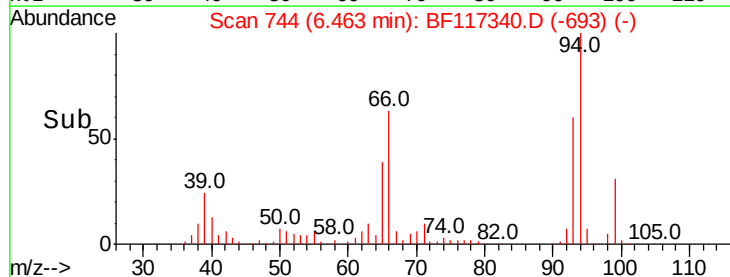
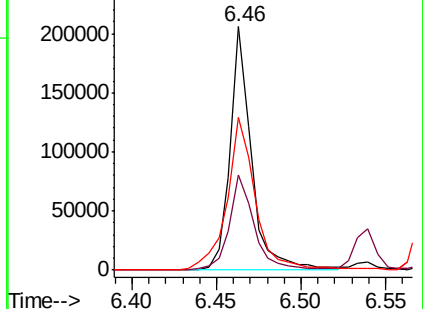
66 62.7 28.9 68.9

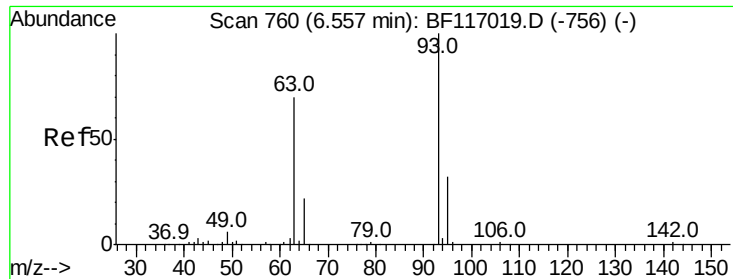


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

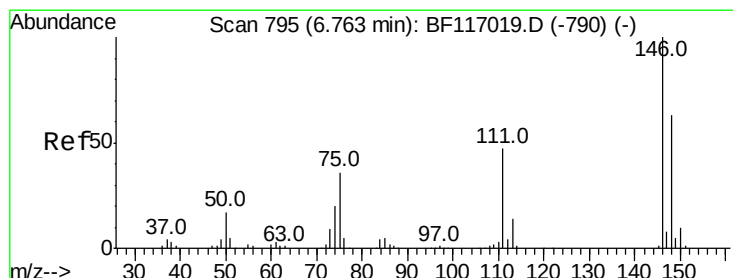
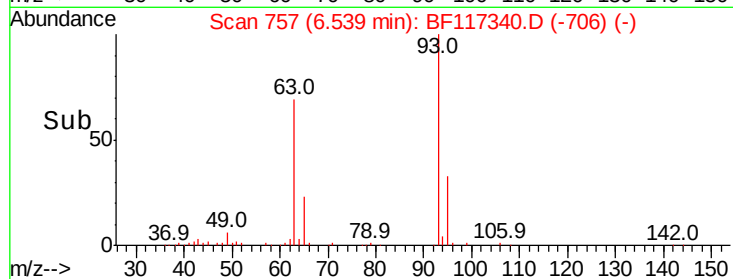
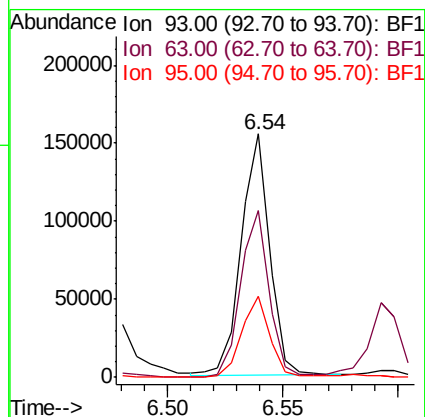
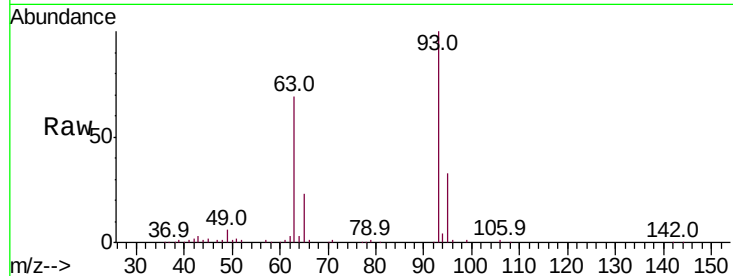




#11
bis(2-Chloroethyl)ether
Concen: 40.027 ng
RT: 6.54 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

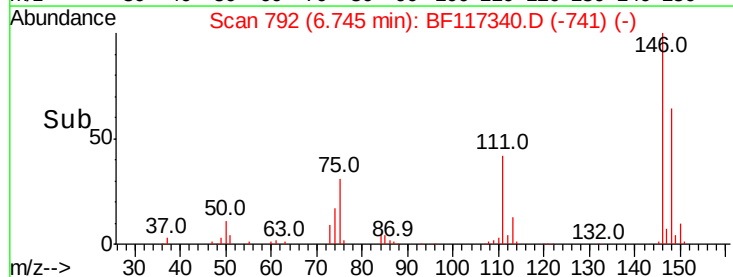
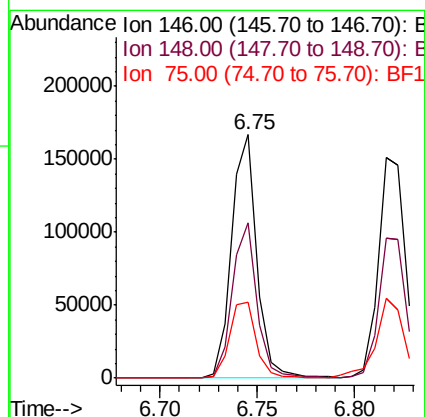
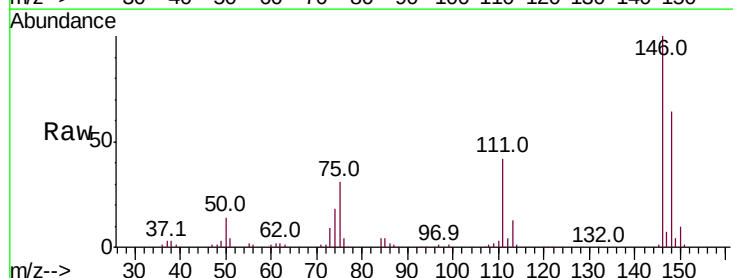
Instrument :
BNA_F
ClientSampleId :

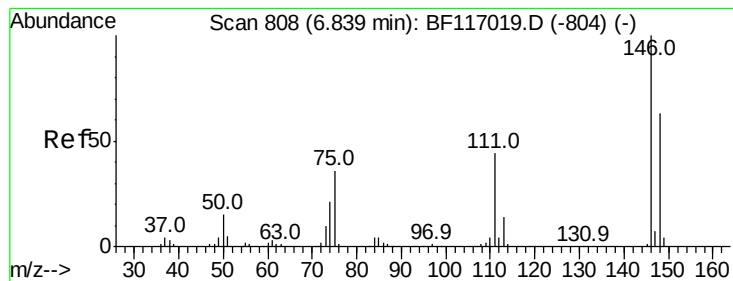
Tot Ion	Ratio	Lower	Upper
93	100		
63	68.8	49.3	89.3
95	33.5	11.5	51.5



#12
1,3-Dichlorobenzene
Concen: 39.144 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.8	76.2
75	31.2	28.7	43.1





#13

1,4-Dichlorobenzene

Concen: 39.548 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF117340.D

Acq: 8 Oct 2019 15:05

Instrument :

BNA_F

ClientSampled :

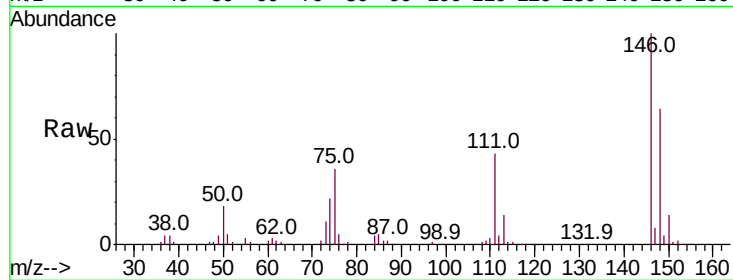
Tot Ion:146 Resp: 154535

Ion Ratio Lower Upper

146 100

148 63.8 50.6 76.0

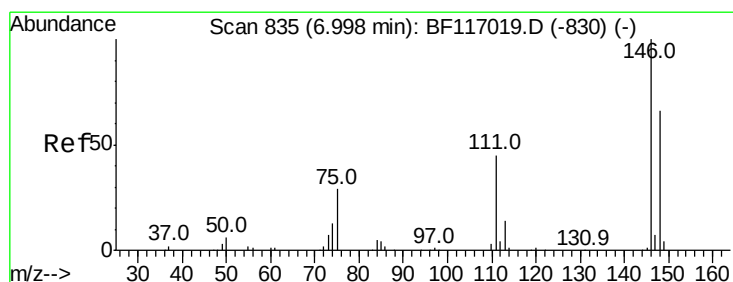
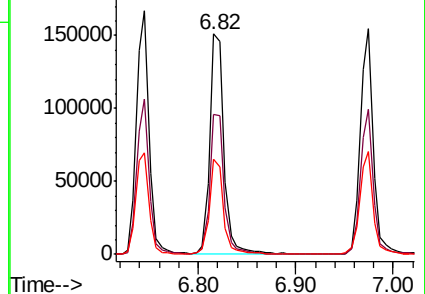
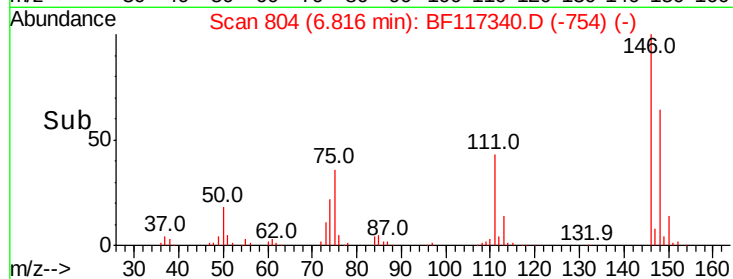
111 43.2 35.0 52.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.462 ng

RT: 6.97 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF117340.D

Acq: 8 Oct 2019 15:05

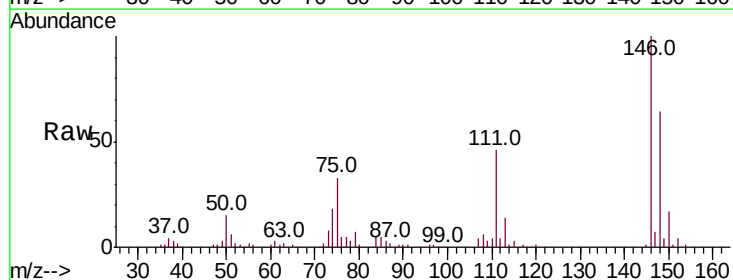
Tgt Ion:146 Resp: 143567

Ion Ratio Lower Upper

146 100

148 64.0 52.6 78.8

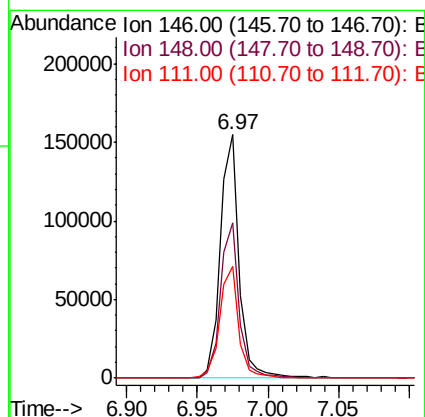
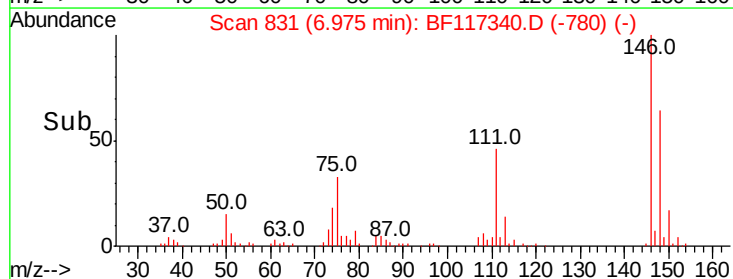
111 45.7 36.2 54.2

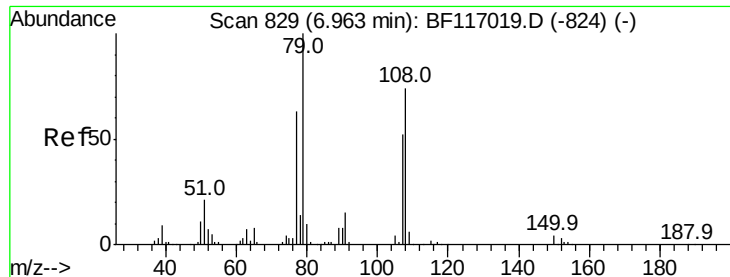


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.885 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.00 min

Lab File: BF117340.D

Acq: 8 Oct 2019 15:05

Instrument :

BNA_F

ClientSampleId :

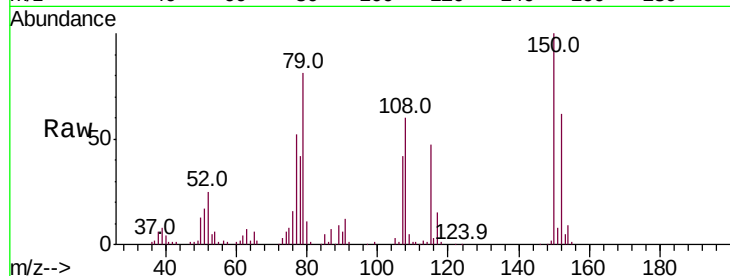
Tot Ion: 79 Resp: 125026

Ion Ratio Lower Upper

79 100

108 74.1 59.4 89.0

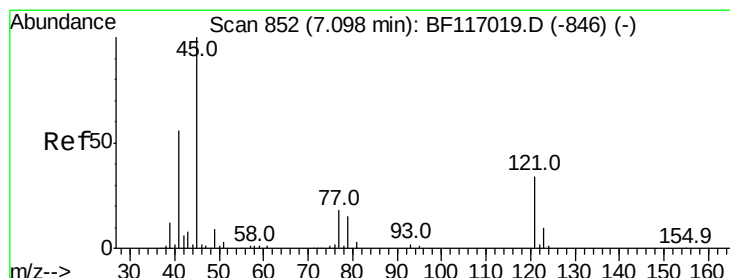
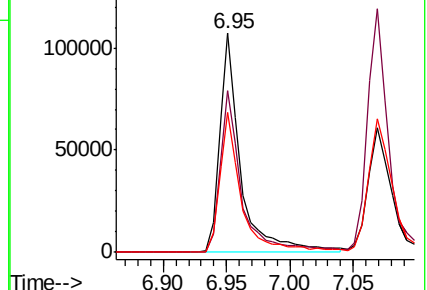
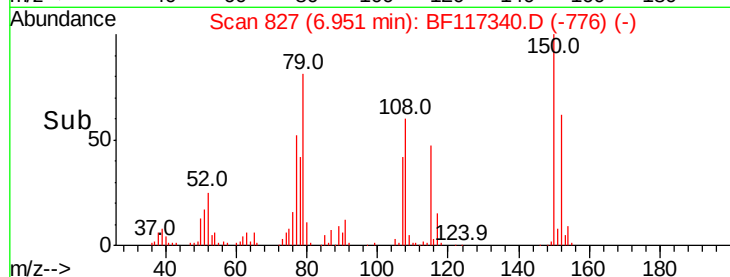
77 63.9 50.2 75.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.829 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF117340.D

Acq: 8 Oct 2019 15:05

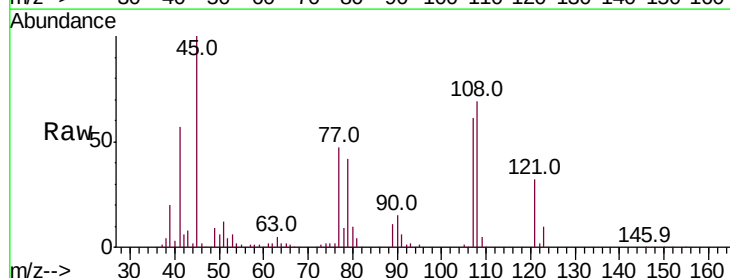
Tgt Ion: 45 Resp: 133601

Ion Ratio Lower Upper

45 100

77 47.5 2.7 42.7#

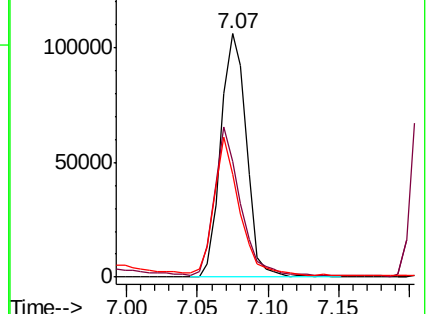
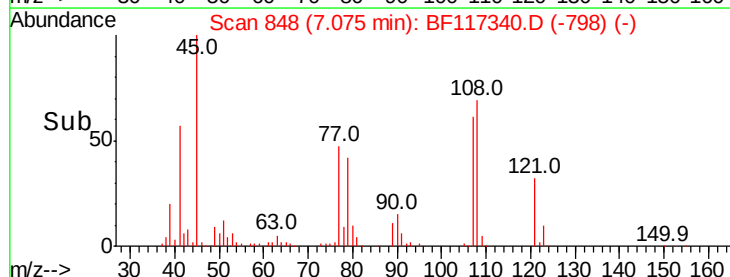
79 42.0 0.0 38.9#

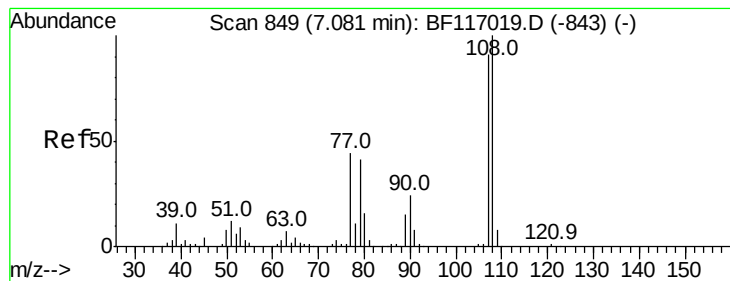


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

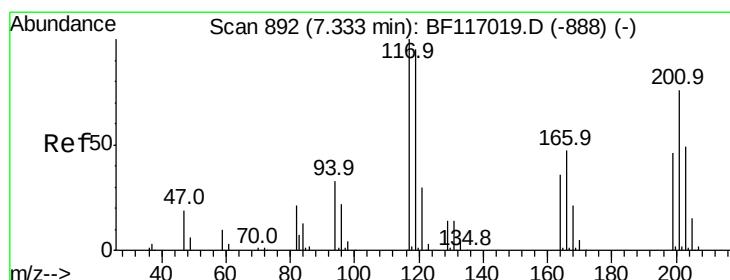
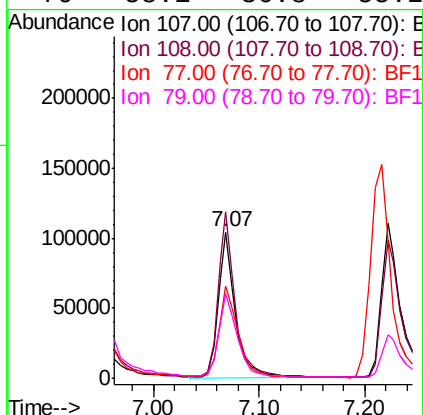
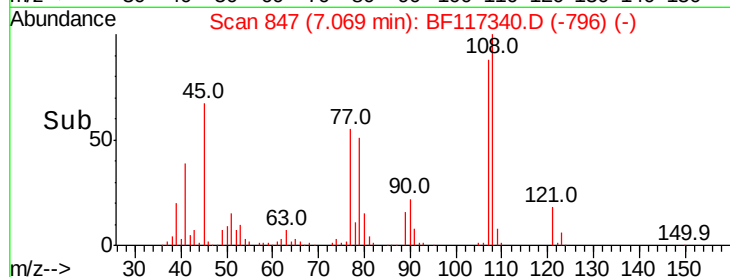
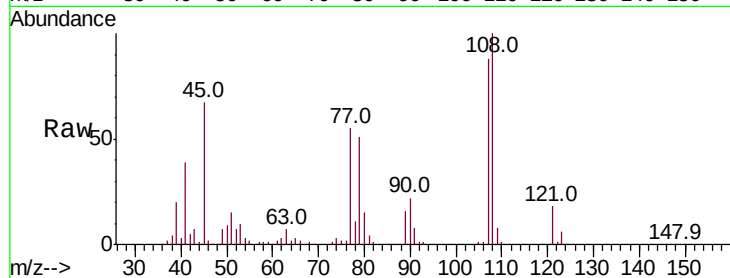




#17
2-Methylphenol
Concen: 41.566 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

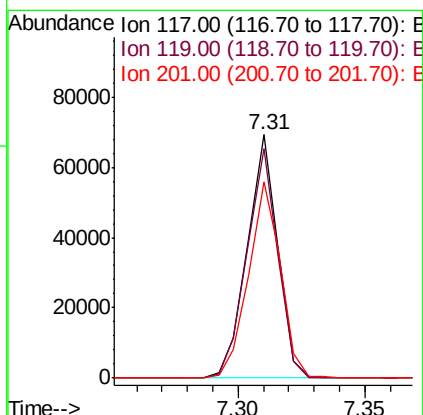
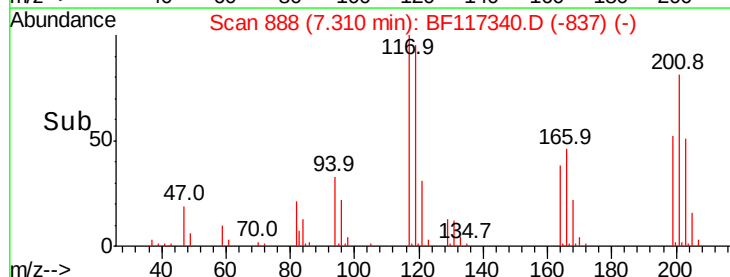
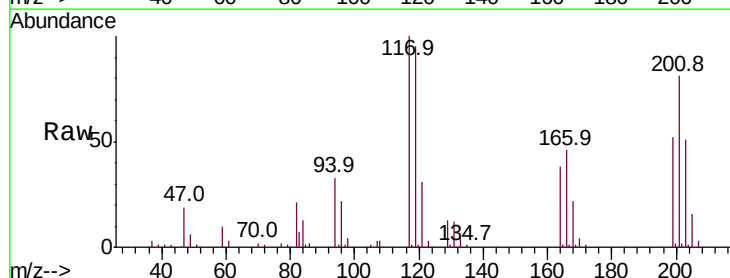
Instrument :
BNA_F
ClientSampled :

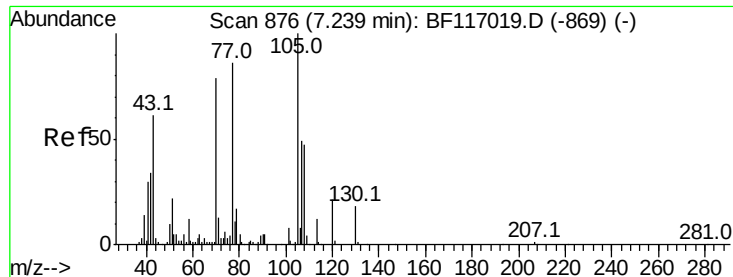
Tot Ion:107 Resp: 118868
Ion Ratio Lower Upper
107 100
108 113.9 87.7 131.5
77 62.6 38.6 58.0#
79 58.1 36.8 55.2#



#18
Hexachloroethane
Concen: 38.540 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Tgt Ion:117 Resp: 57935
Ion Ratio Lower Upper
117 100
119 94.5 75.8 113.8
201 80.7 60.9 91.3

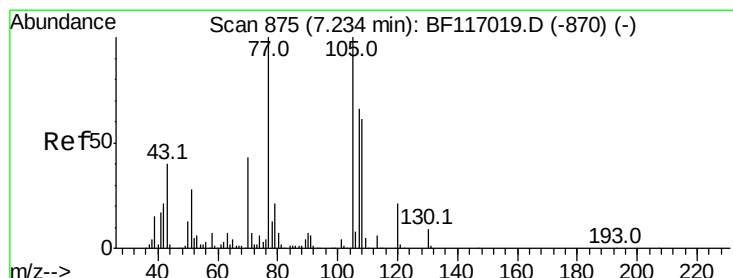
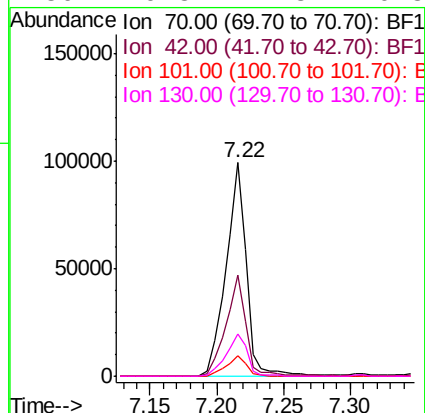
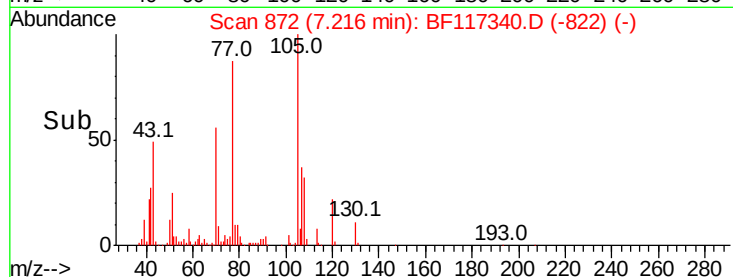
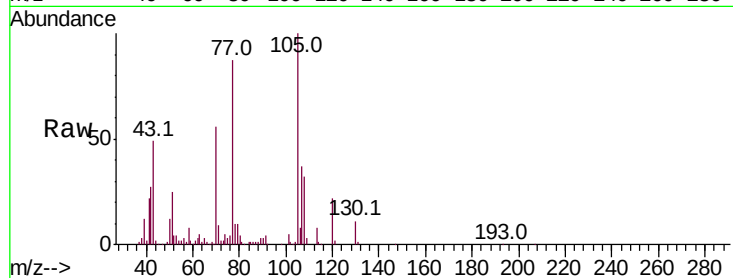




#19
n-Nitroso-di-n-propylamine
Concen: 43.405 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

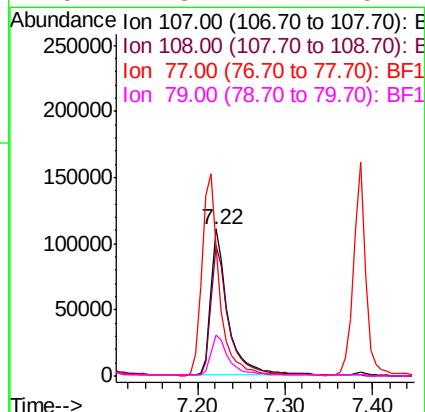
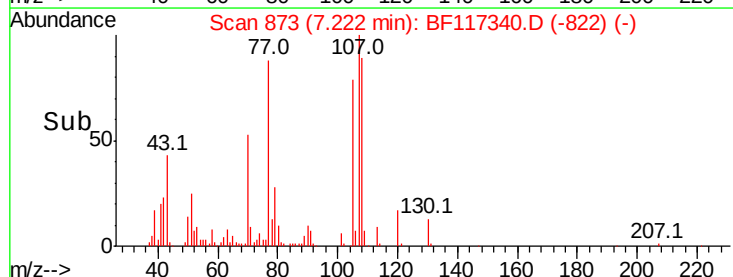
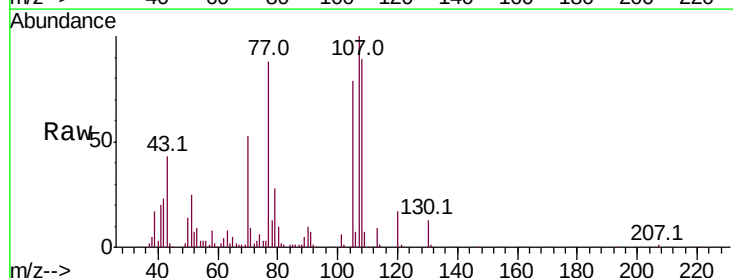
Instrument :
BNA_F
ClientSampleId :

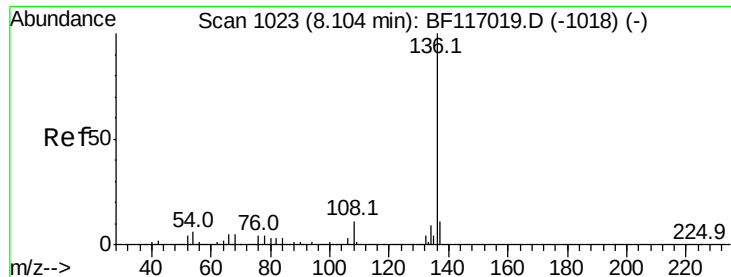
Tot Ion: 70 Resp: 108041
Ion Ratio Lower Upper
70 100
42 47.2 34.0 51.0
101 9.7 7.8 11.6
130 19.8 17.8 26.8



#20
3+4-Methylphenols
Concen: 42.745 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Tgt Ion:107 Resp: 152263
Ion Ratio Lower Upper
107 100
108 88.8 72.6 112.6
77 88.1 132.1 172.1#
79 27.8 12.1 52.1

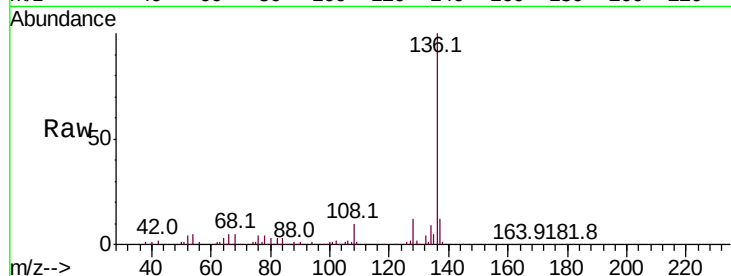




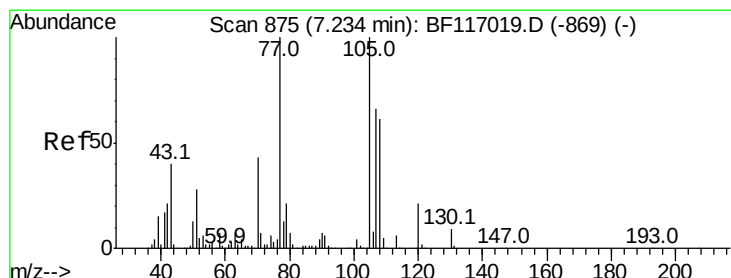
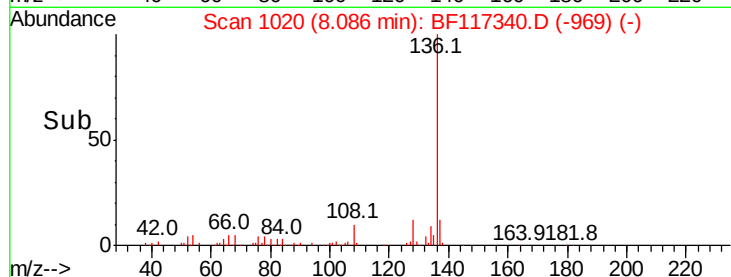
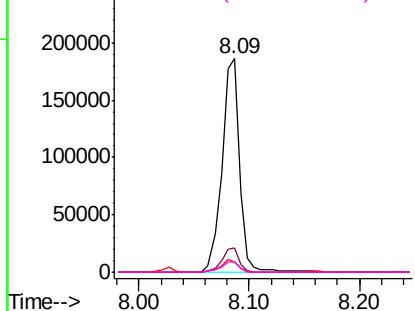
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	207741
Ion Ratio	Lower	Upper
136	100	
137	11.6	9.0 13.4
54	5.1	4.5 6.7
68	4.5	4.0 6.0

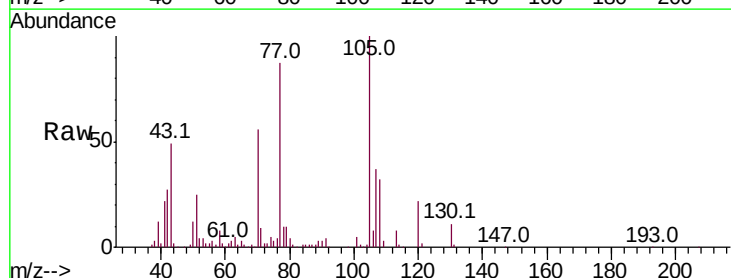


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

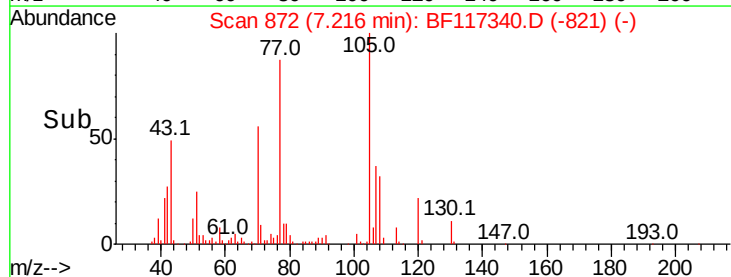
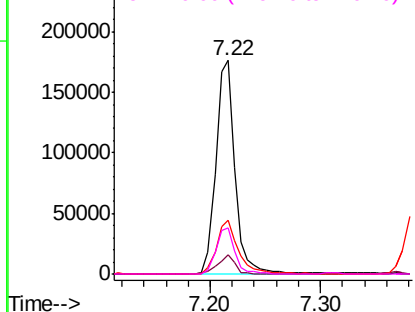


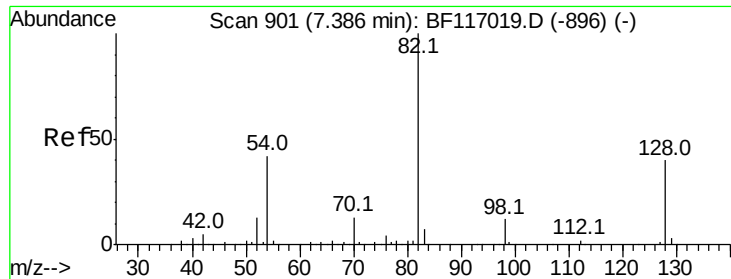
#22
Acetophenone
Concen: 40.127 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Tgt Ion:105	Resp:	211795
Ion Ratio	Lower	Upper
105	100	
71	9.2	5.7 8.5#
51	25.0	22.1 33.1
120	21.7	17.1 25.7



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

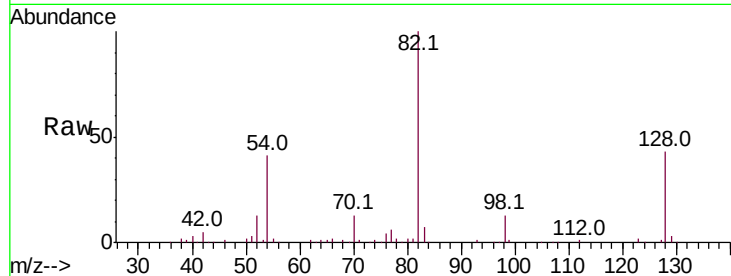




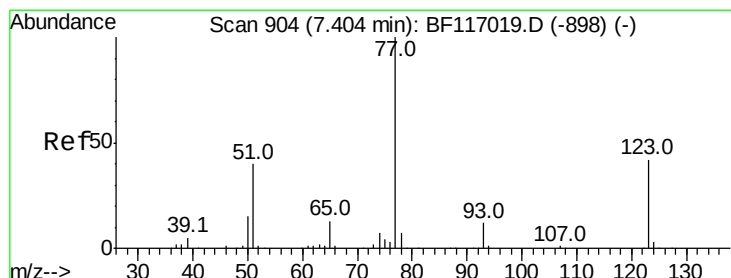
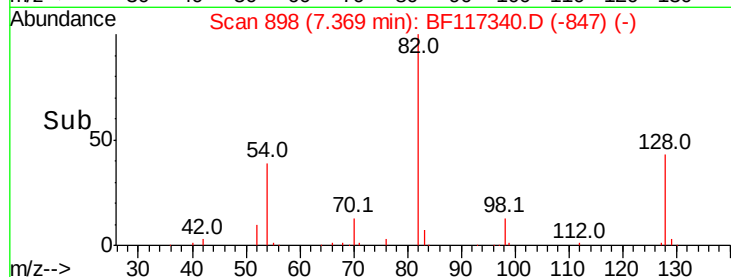
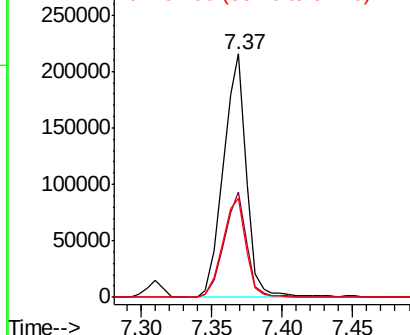
#23
 Nitrobenzene-d5
 Concen: 61.793 ng
 RT: 7.37 min Scan# 898
 Delta R.T. 0.00 min
 Lab File: BF117340.D
 Acq: 8 Oct 2019 15:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.1	32.3	48.5
54	40.8	33.3	49.9

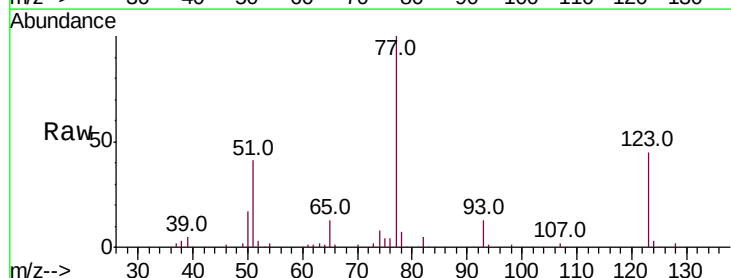


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

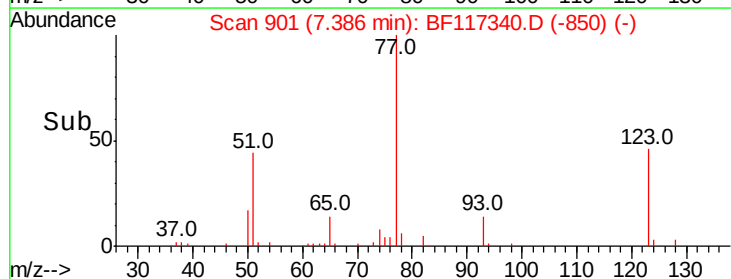
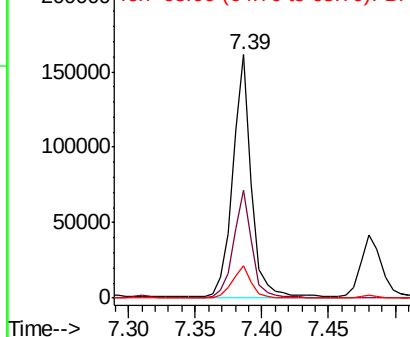


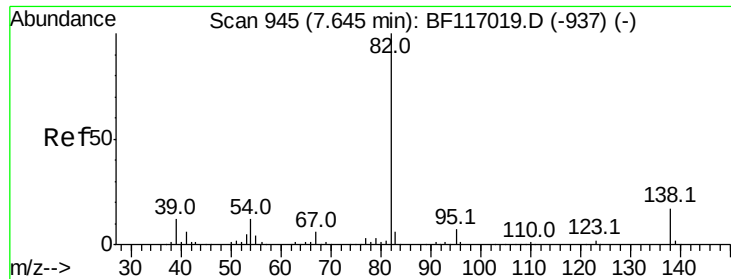
#24
 Nitrobenzene
 Concen: 40.550 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BF117340.D
 Acq: 8 Oct 2019 15:05

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.6	33.5	50.3
65	13.1	10.5	15.7



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 41.340 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF117340.D

Acq: 8 Oct 2019 15:05

Instrument :

BNA_F

ClientSampleId :

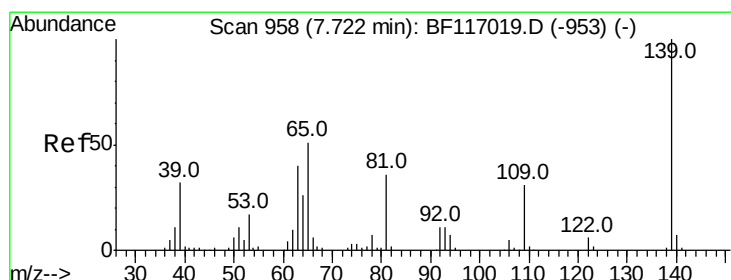
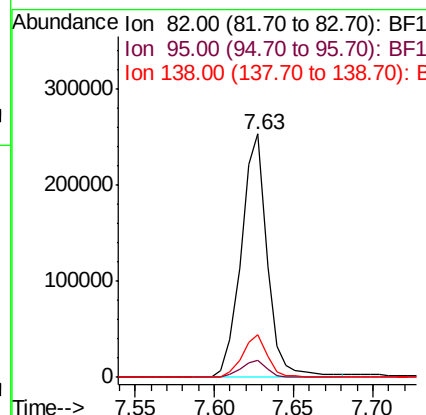
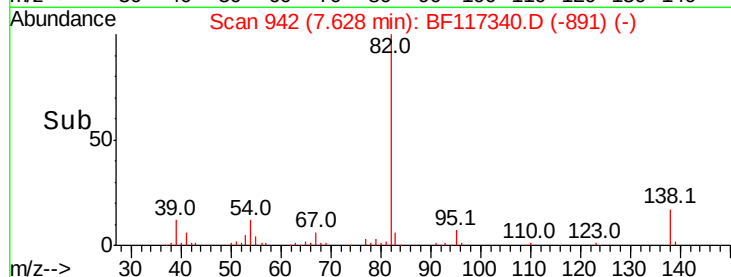
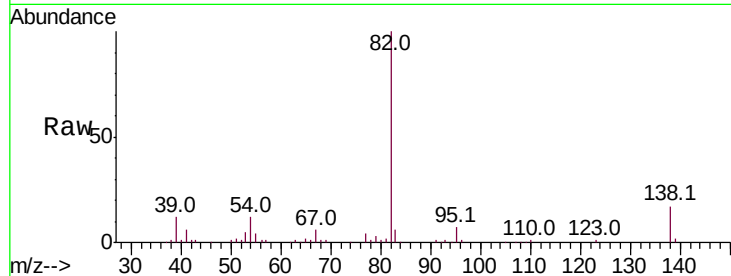
Tot Ion: 82 Resp: 289402

Ion Ratio Lower Upper

82 100

95 6.9 5.8 8.6

138 17.5 13.5 20.3



#26

2-Nitrophenol

Concen: 42.576 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF117340.D

Acq: 8 Oct 2019 15:05

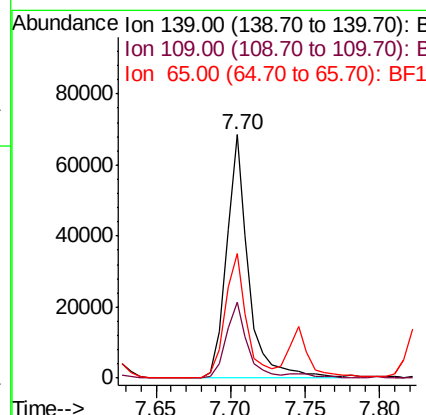
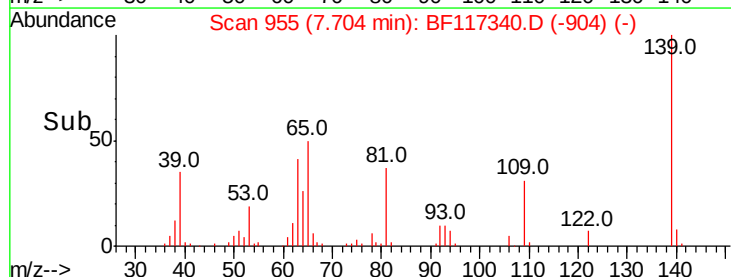
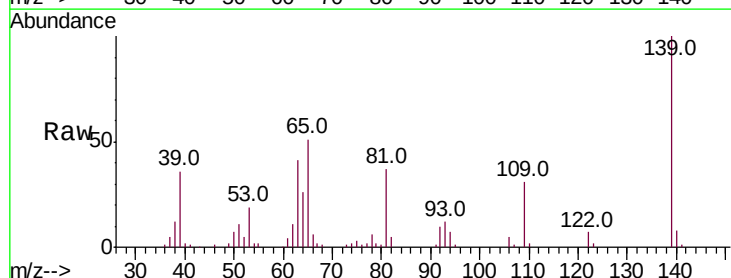
Tgt Ion: 139 Resp: 71405

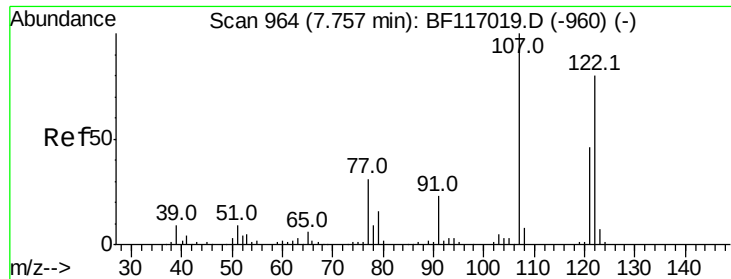
Ion Ratio Lower Upper

139 100

109 31.0 24.6 36.8

65 51.2 40.9 61.3

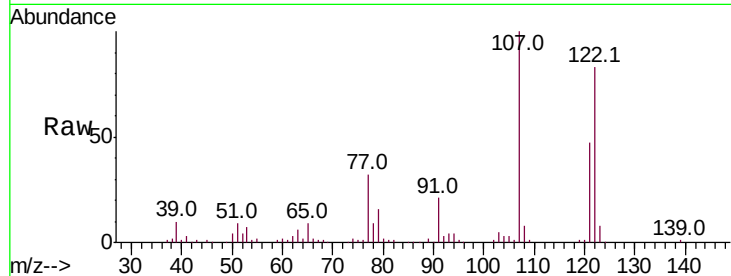




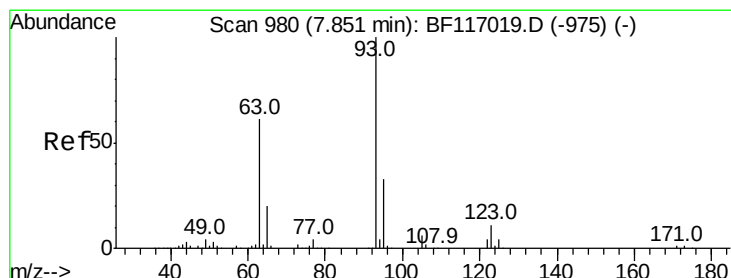
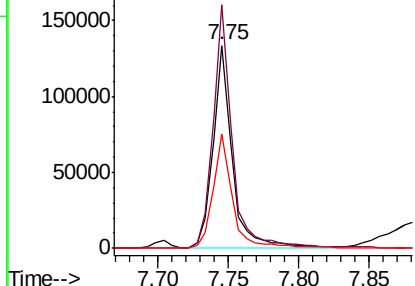
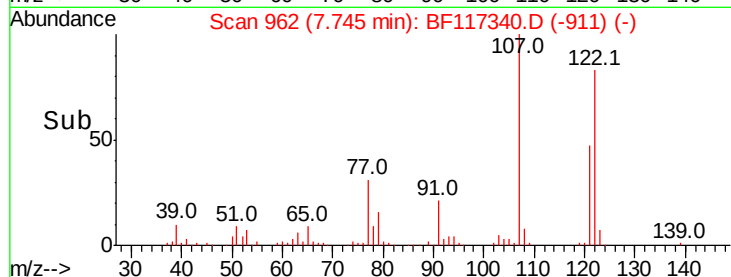
#27
 2,4-Dimethylphenol
 Concen: 46.759 ng
 RT: 7.75 min Scan# 962
 Delta R.T. 0.00 min
 Lab File: BF117340.D
 Acq: 8 Oct 2019 15:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.8	98.9	148.3
121	56.0	45.3	67.9

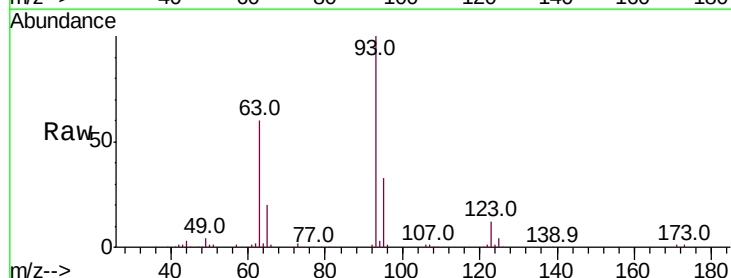


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

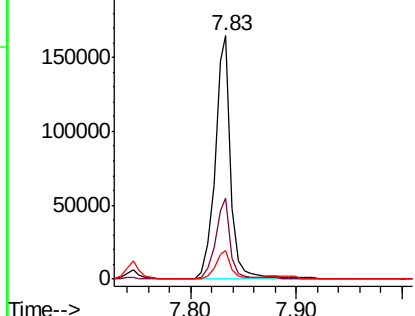
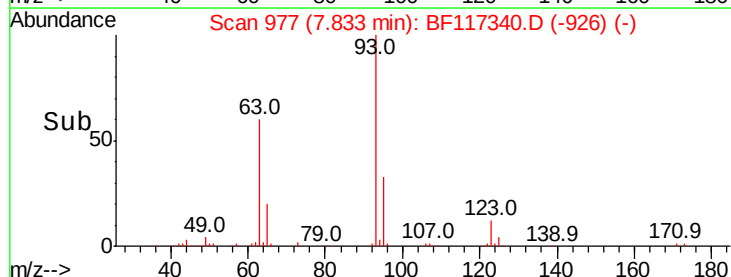


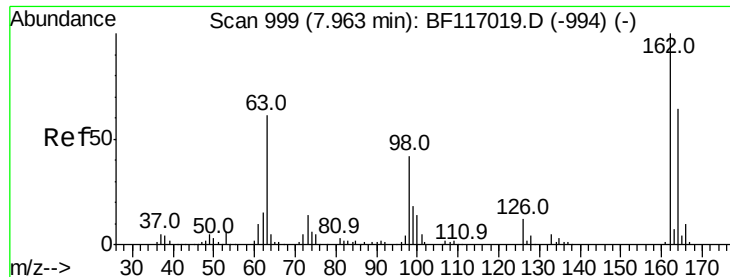
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.237 ng
 RT: 7.83 min Scan# 977
 Delta R.T. 0.00 min
 Lab File: BF117340.D
 Acq: 8 Oct 2019 15:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	26.2	39.4
123	11.6	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

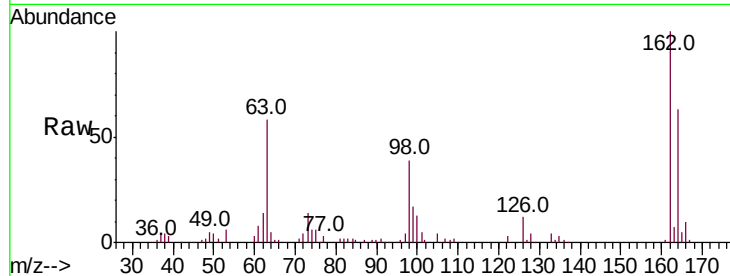




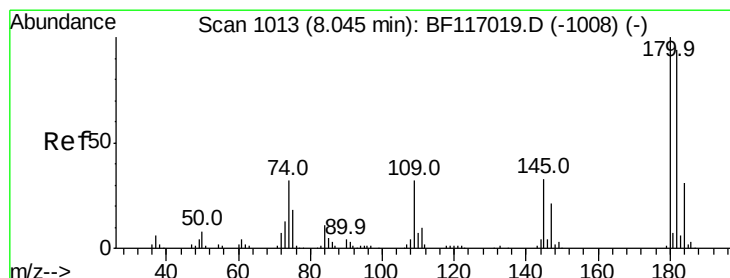
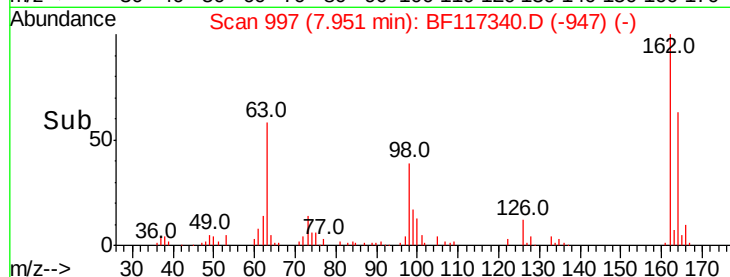
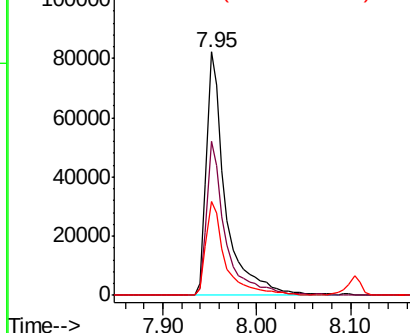
#29
 2,4-Dichlorophenol
 Concen: 42.186 ng
 RT: 7.95 min Scan# 997
 Delta R.T. -0.01 min
 Lab File: BF117340.D
 Acq: 8 Oct 2019 15:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	43.8	83.8
98	38.7	22.1	62.1

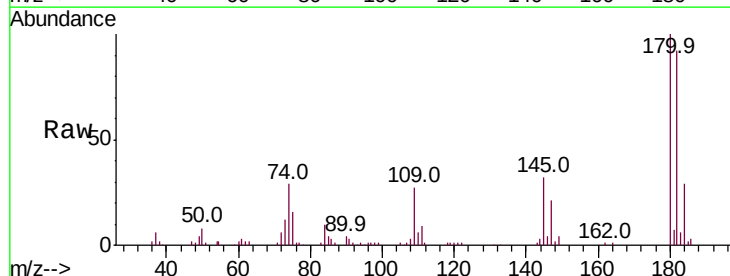


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

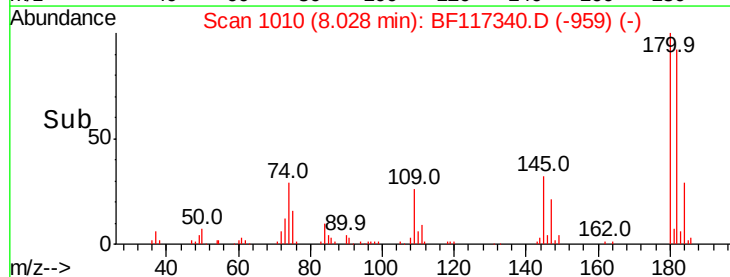
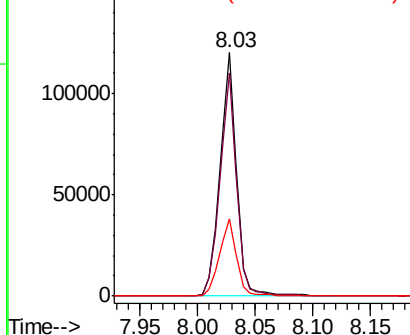


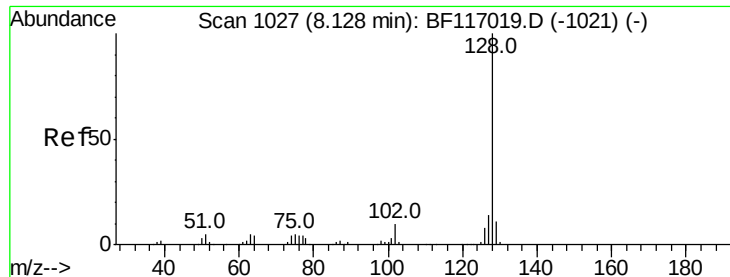
#30
 1,2,4-Trichlorobenzene
 Concen: 39.894 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. 0.00 min
 Lab File: BF117340.D
 Acq: 8 Oct 2019 15:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.7	75.4	113.0
145	32.0	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

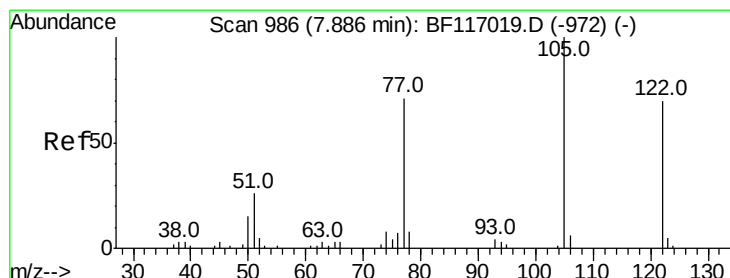
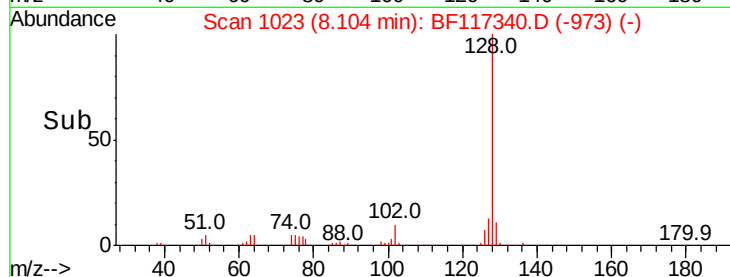
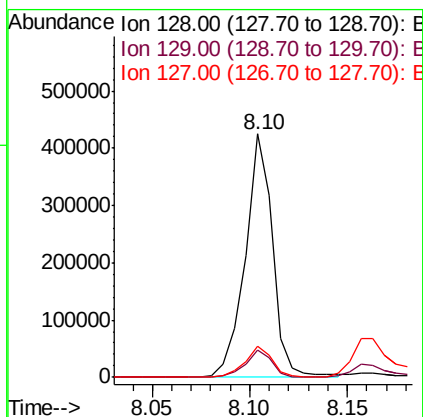
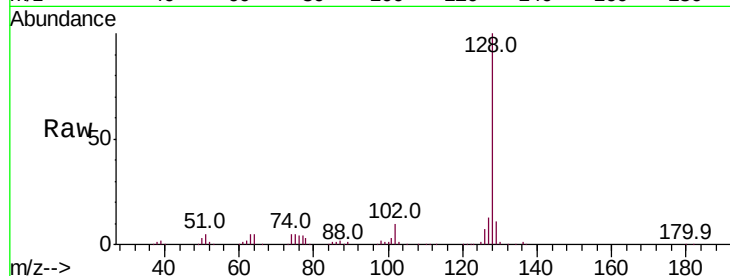




#31
Naphthalene
Concen: 41.550 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

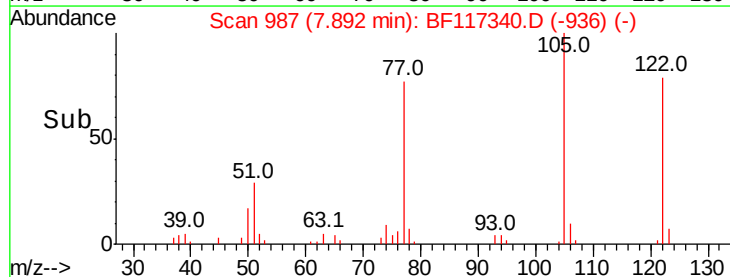
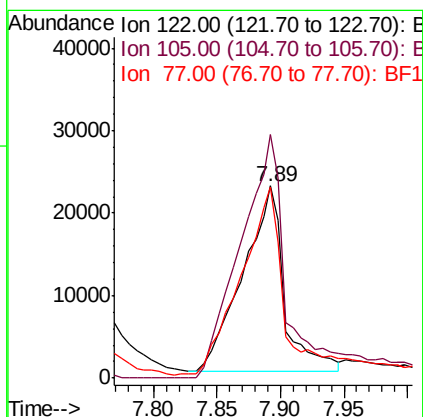
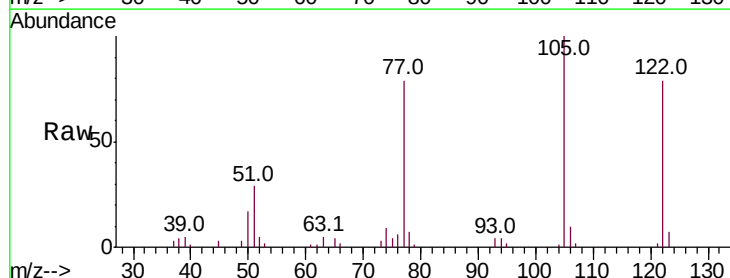
Instrument :
BNA_F
ClientSampleId :

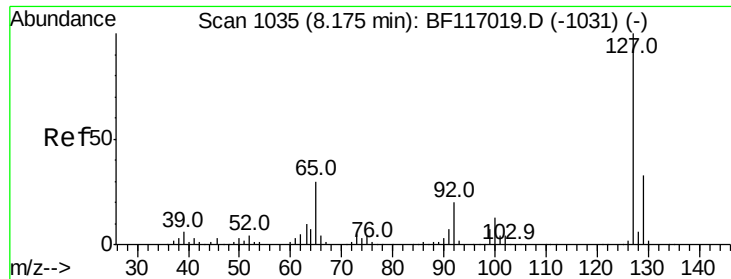
Tot Ion:128 Resp: 415131
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 12.8 10.8 16.2



#32
Benzoic acid
Concen: 28.655 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Tgt Ion:122 Resp: 51359
Ion Ratio Lower Upper
122 100
105 126.6 114.8 154.8
77 99.4 78.7 118.7

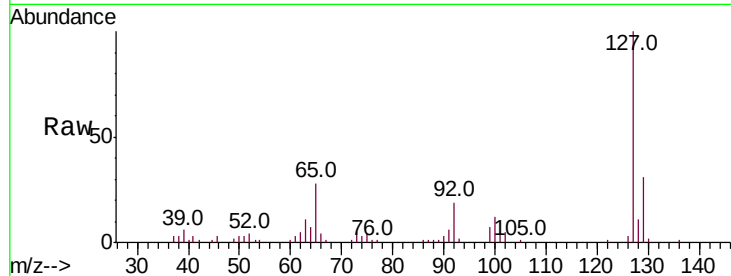




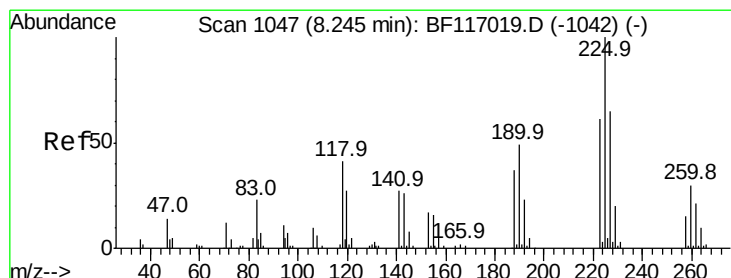
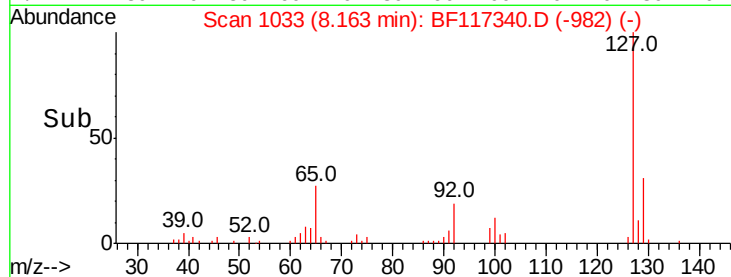
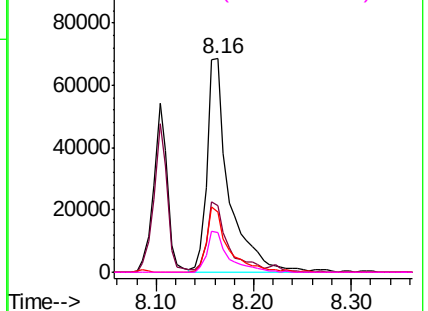
#33
4-Chloroaniline
Concen: 24.428 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	108249
Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.2	39.2
65	28.0	23.5	35.3
92	18.9	15.9	23.9

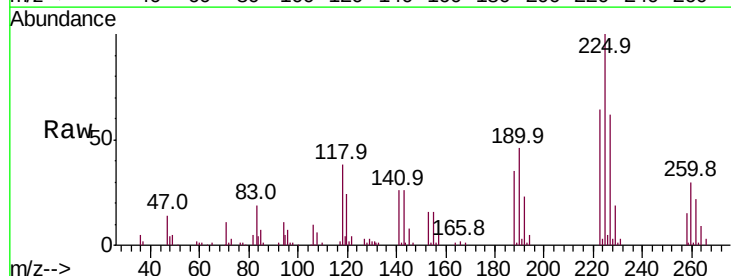


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

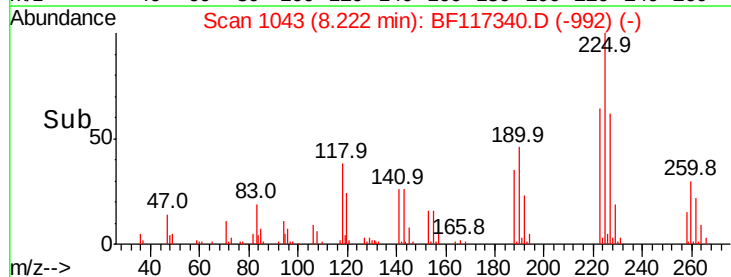
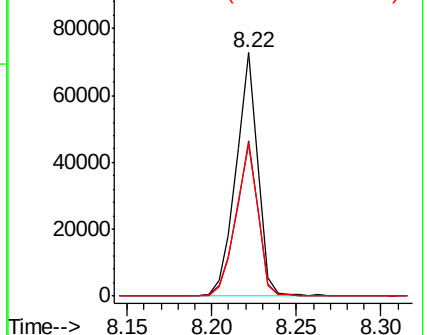


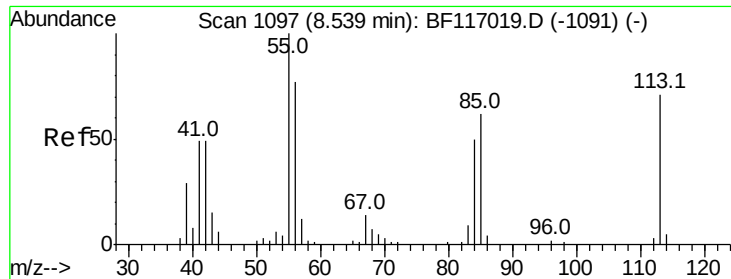
#34
Hexachlorobutadiene
Concen: 38.092 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Tgt Ion:	225	Resp:	65066
Ion	Ratio	Lower	Upper
225	100		
223	63.9	49.1	73.7
227	62.0	52.2	78.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 19.157 ng

RT: 8.53 min Scan# 1096

Delta R.T. 0.00 min

Lab File: BF117340.D

Acq: 8 Oct 2019 15:05

Instrument :
BNA_F
ClientSampled :

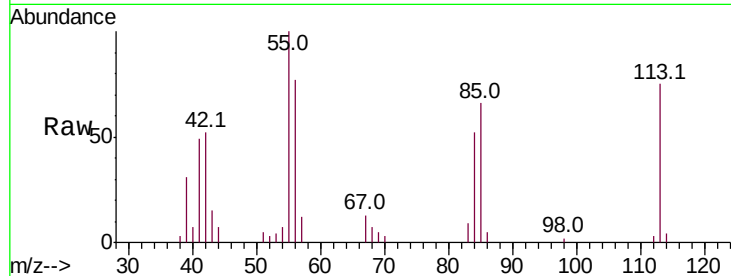
Tot Ion:113 Resp: 18070

Ion Ratio Lower Upper

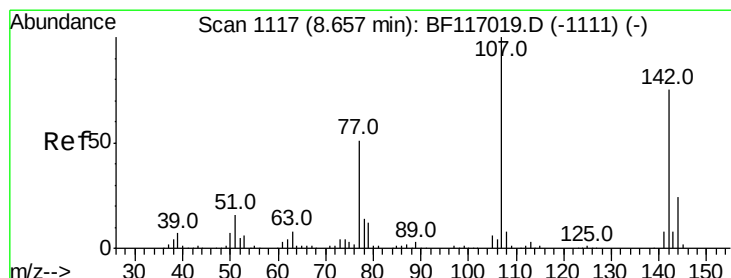
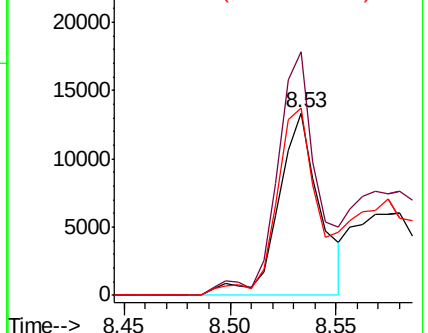
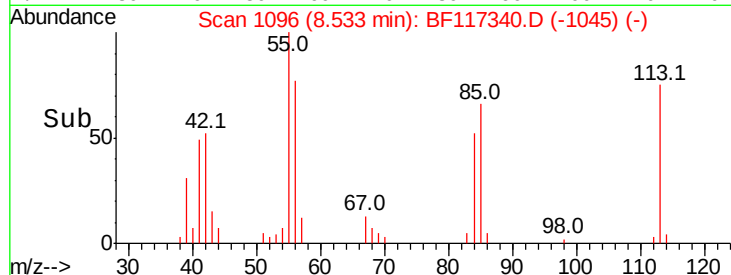
113 100

55 133.6 120.6 160.6

56 102.8 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: 41.093 ng

RT: 8.65 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BF117340.D

Acq: 8 Oct 2019 15:05

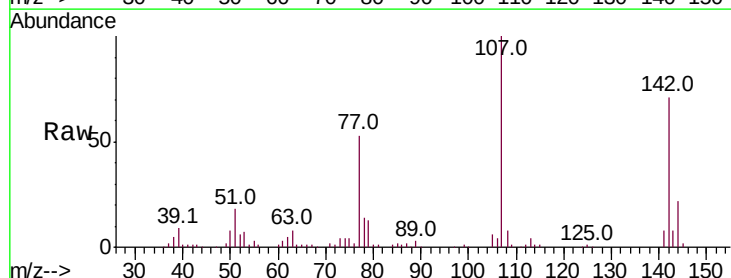
Tgt Ion:107 Resp: 133529

Ion Ratio Lower Upper

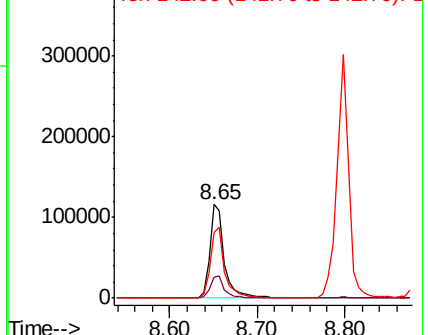
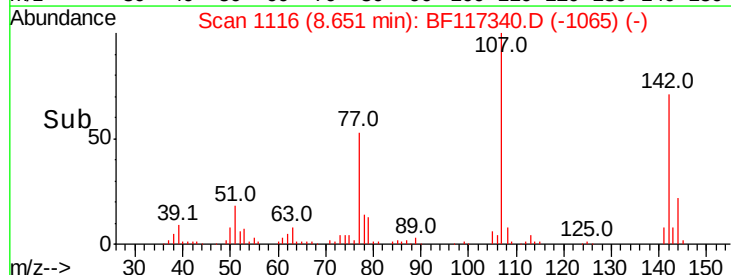
107 100

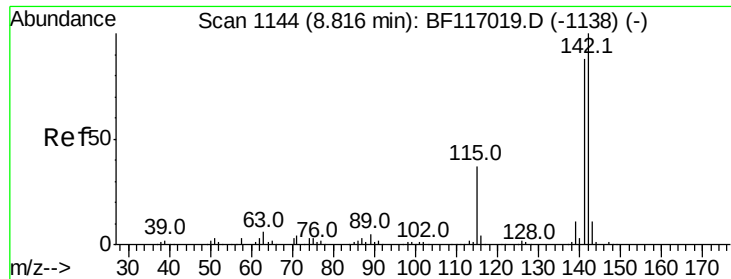
144 22.0 19.2 28.8

142 70.8 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

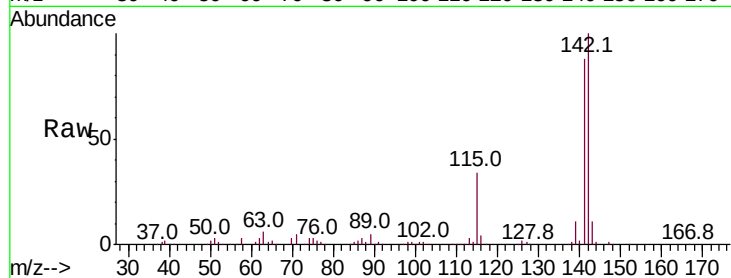




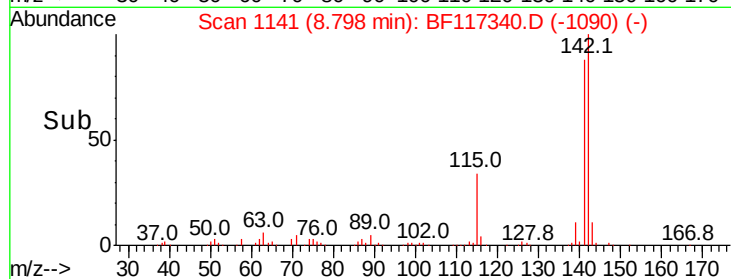
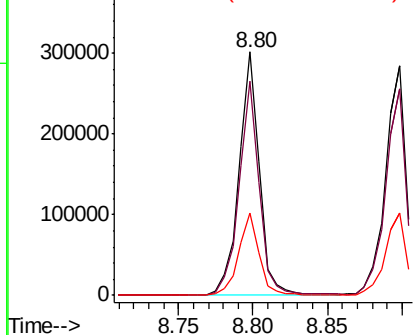
#37
 2-Methylnaphthalene
 Concen: 42.846 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: BF117340.D
 Acq: 8 Oct 2019 15:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.7	106.1
115	34.0	29.4	44.0

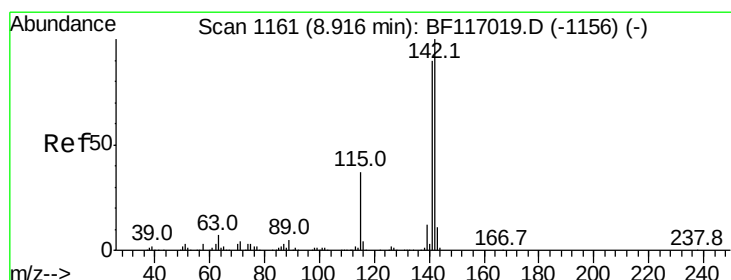


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

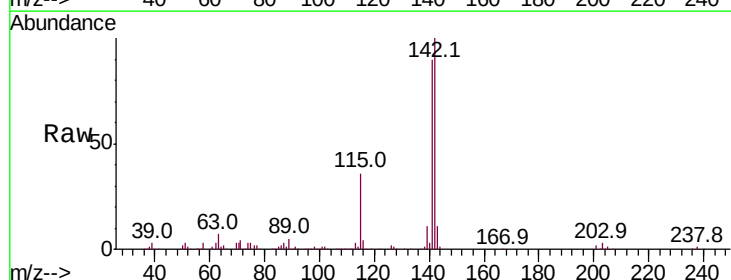
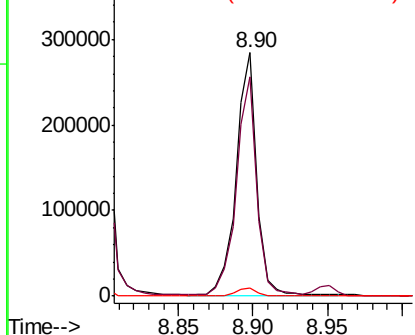


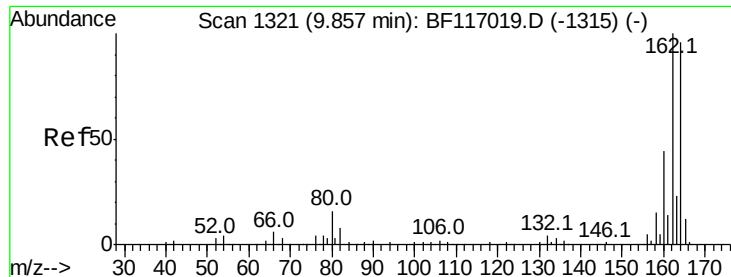
#38
 1-Methylnaphthalene
 Concen: 42.962 ng
 RT: 8.90 min Scan# 1158
 Delta R.T. 0.00 min
 Lab File: BF117340.D
 Acq: 8 Oct 2019 15:05

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.9	107.9
116	3.5	3.2	4.8



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

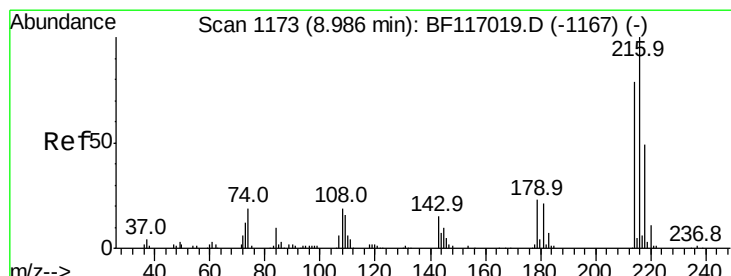
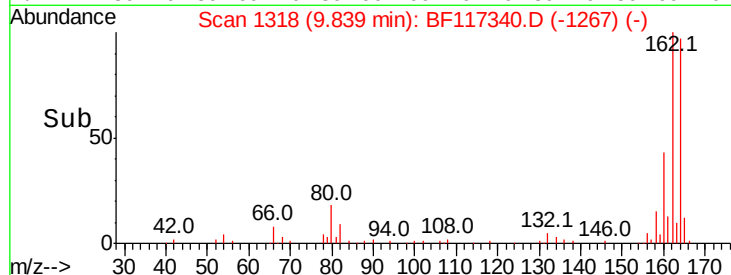
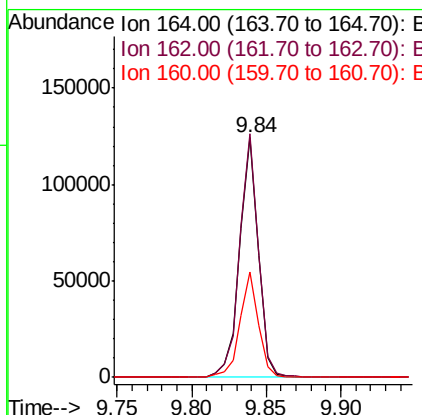
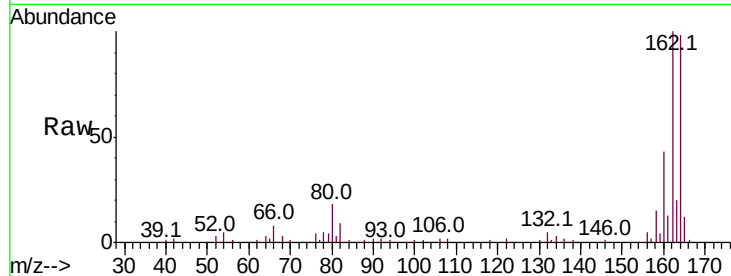




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.00 min
 Lab File: BF117340.D
 Acq: 8 Oct 2019 15:05

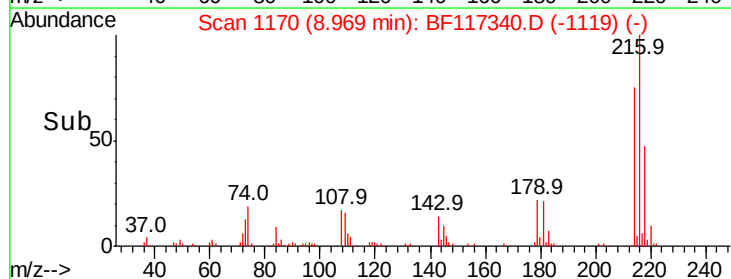
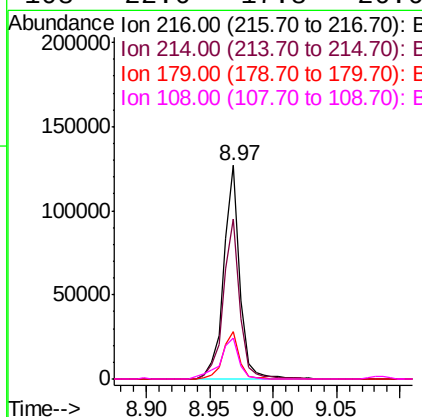
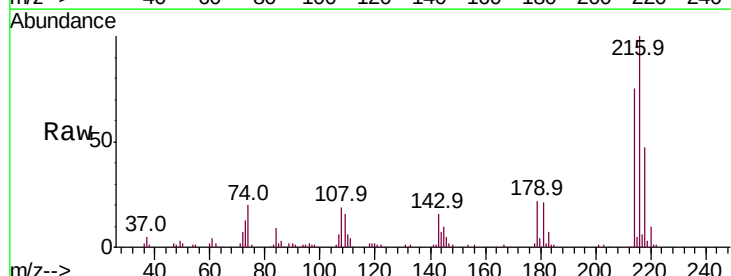
Instrument :
 BNA_F
 ClientSampleId :

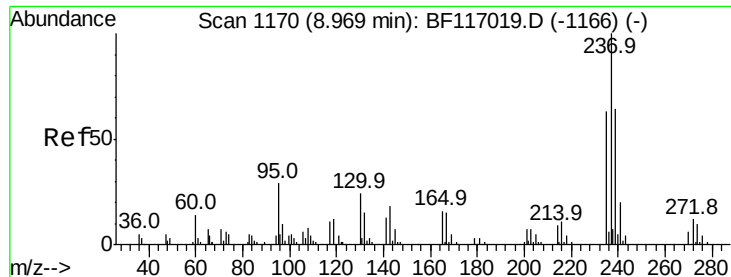
Tot Ion:164 Resp: 109799
 Ion Ratio Lower Upper
 164 100
 162 101.8 83.4 125.2
 160 44.2 36.4 54.6



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.425 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.00 min
 Lab File: BF117340.D
 Acq: 8 Oct 2019 15:05

Tgt Ion:216 Resp: 111782
 Ion Ratio Lower Upper
 216 100
 214 76.6 63.6 95.4
 179 22.7 18.3 27.5
 108 22.6 17.8 26.6

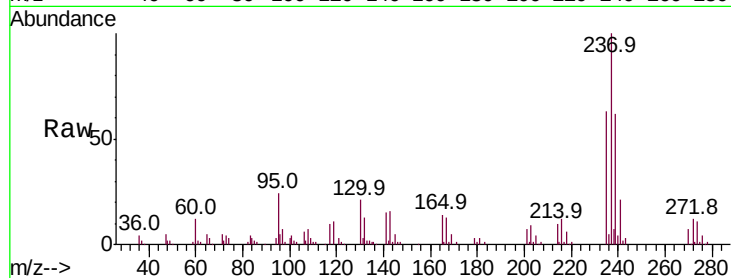




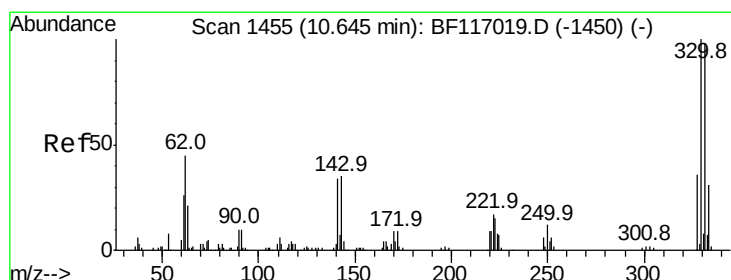
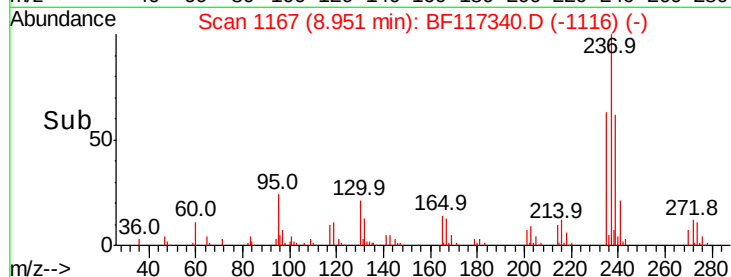
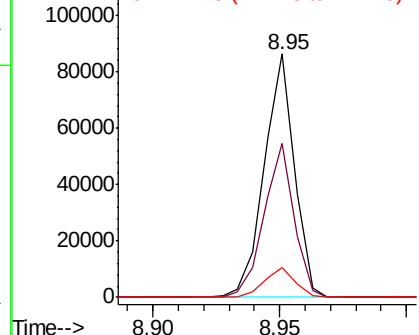
#41
Hexachlorocyclopentadiene
Concen: 59.330 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	63.3	43.2	83.2
272	12.1	0.0	31.9

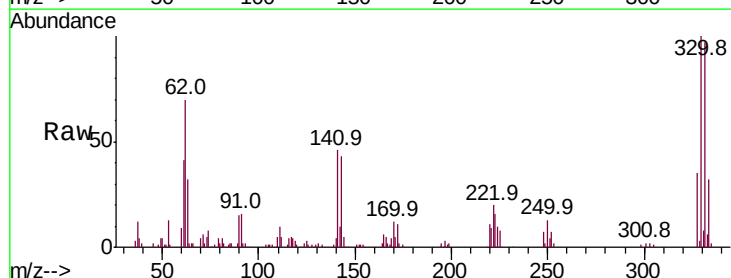


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

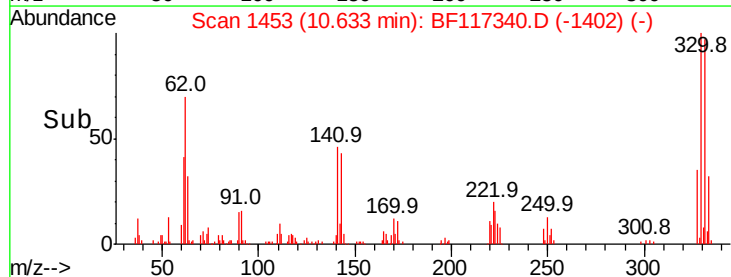
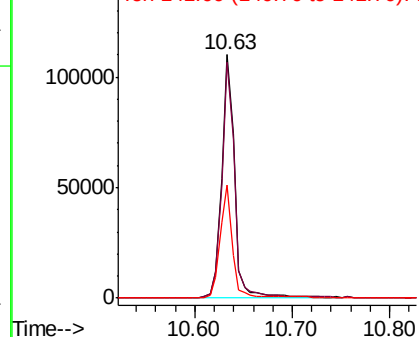


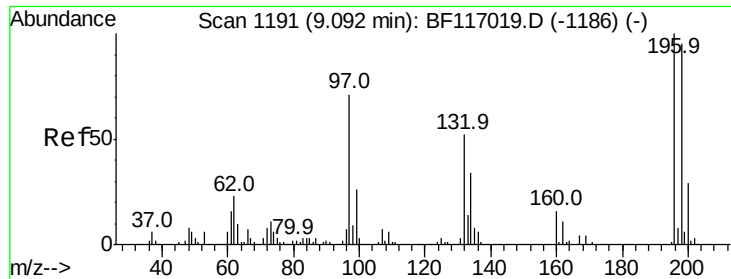
#42
2,4,6-Tribromophenol
Concen: 110.745 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	78.0	117.0
141	44.5	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

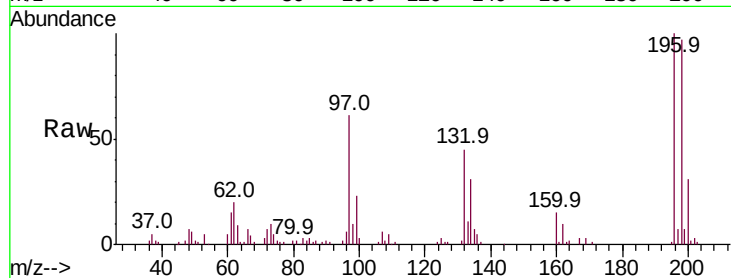




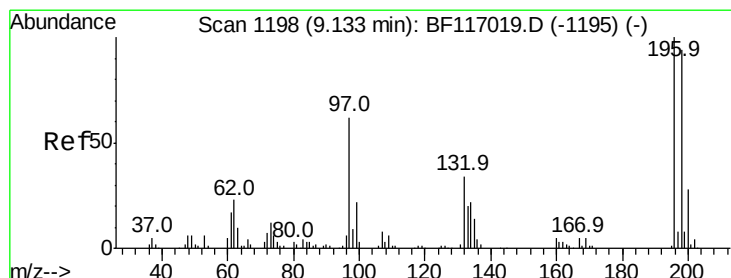
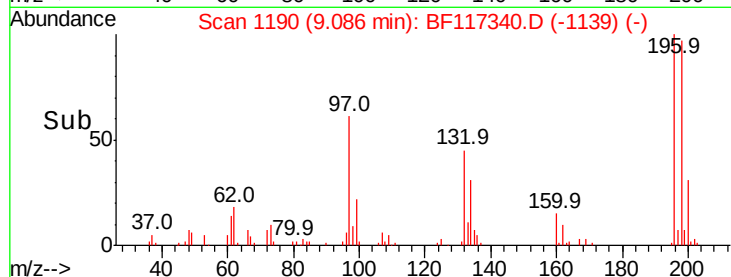
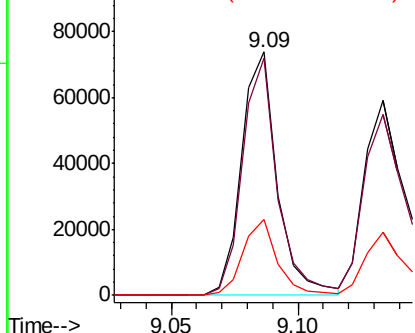
#43
 2,4,6-Trichlorophenol
 Concen: 37.707 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BF117340.D
 Acq: 8 Oct 2019 15:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 72552
 Ion Ratio Lower Upper
 196 100
 198 97.4 75.7 113.5
 200 31.0 23.3 34.9

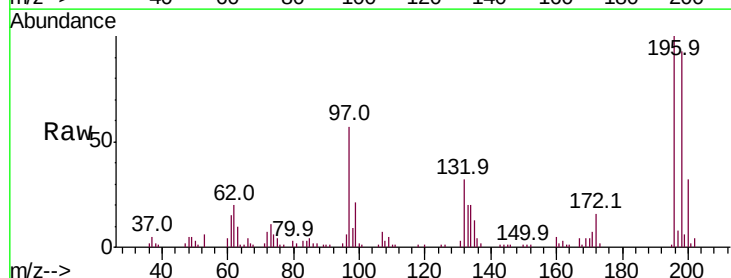


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

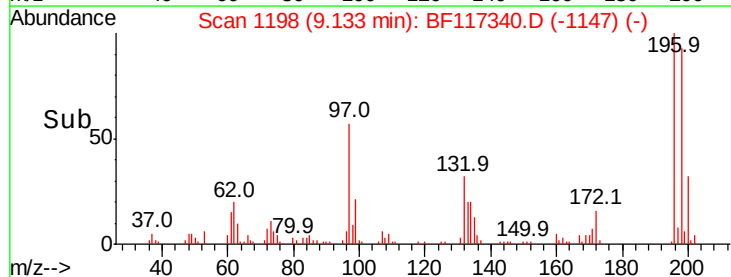
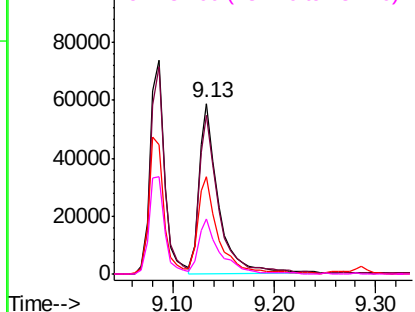


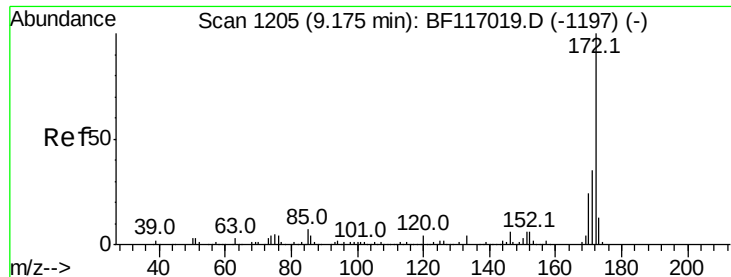
#44
 2,4,5-Trichlorophenol
 Concen: 37.759 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF117340.D
 Acq: 8 Oct 2019 15:05

Tgt Ion:196 Resp: 77624
 Ion Ratio Lower Upper
 196 100
 198 92.7 74.6 112.0
 97 57.1 49.5 74.3
 132 32.3 27.4 41.2



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

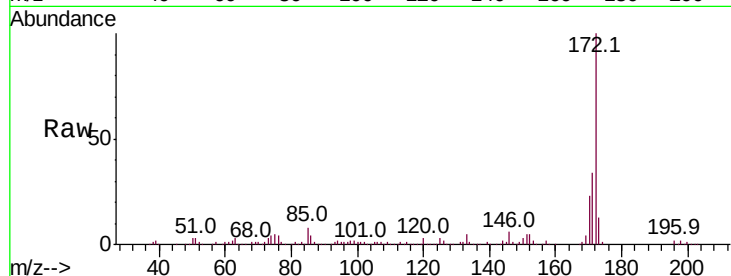




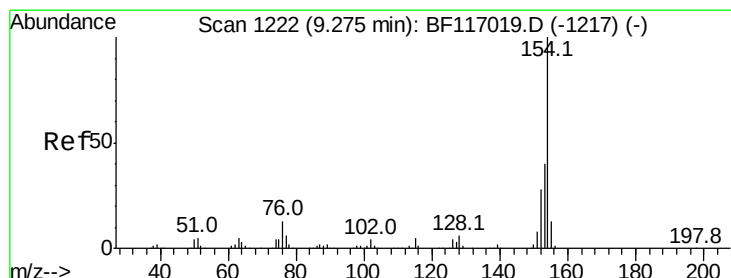
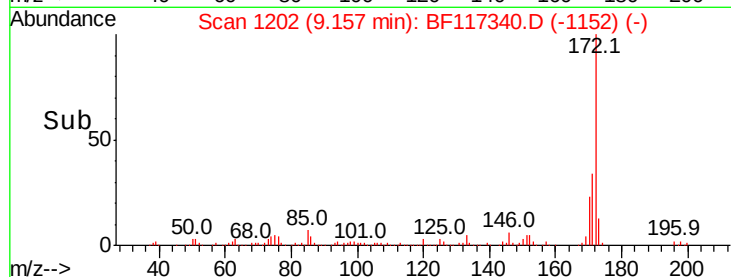
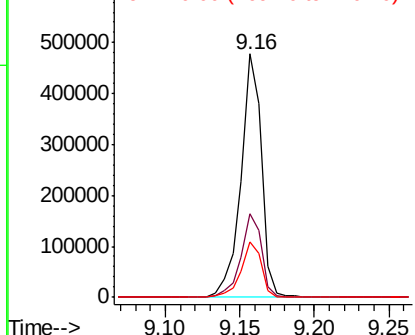
#45
2-Fluorobiphenyl
Concen: 65.444 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 459566
Ion Ratio Lower Upper
172 100
171 34.5 28.2 42.2
170 22.5 18.9 28.3

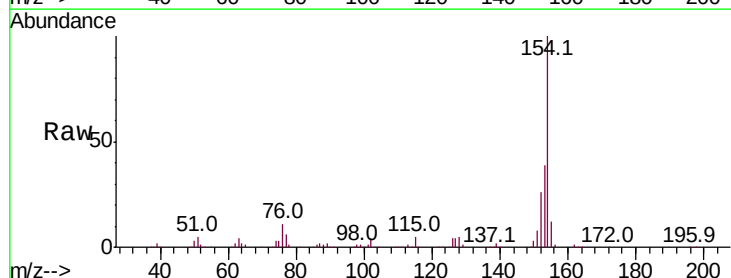


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

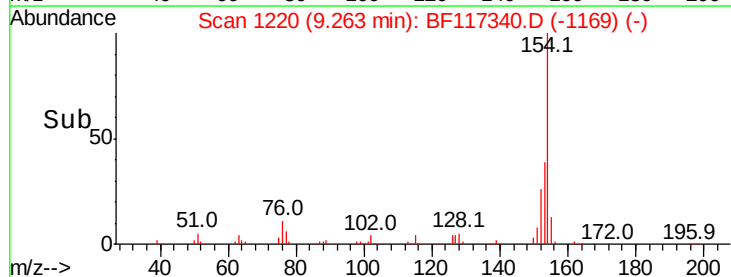
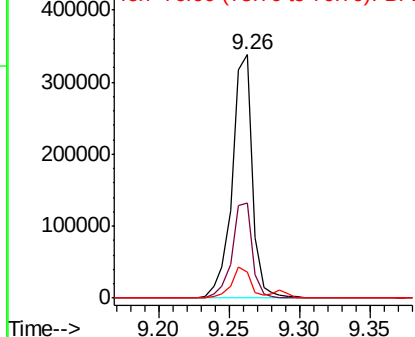


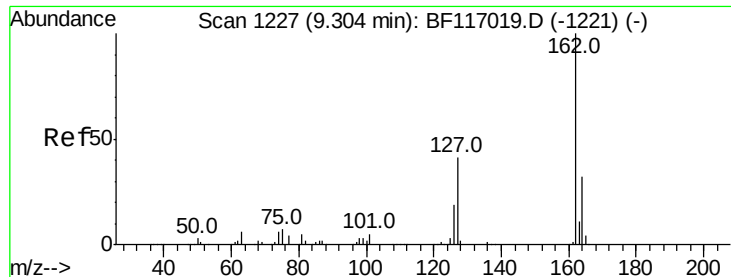
#46
1,1'-Biphenyl
Concen: 39.233 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Tgt Ion:154 Resp: 337901
Ion Ratio Lower Upper
154 100
153 39.2 20.0 60.0
76 10.9 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

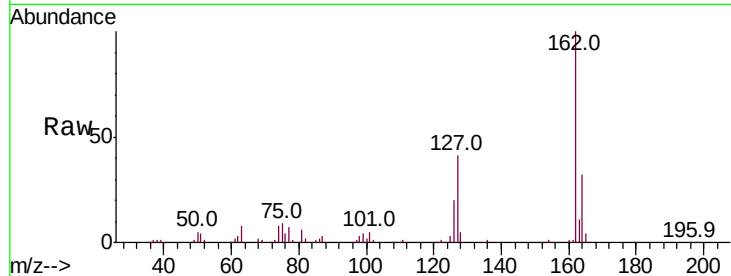




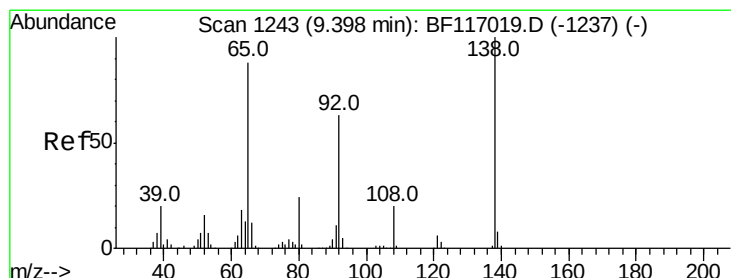
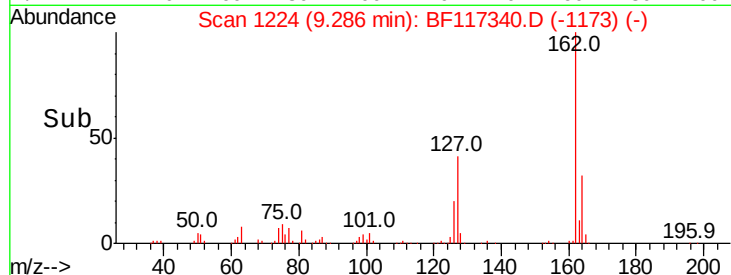
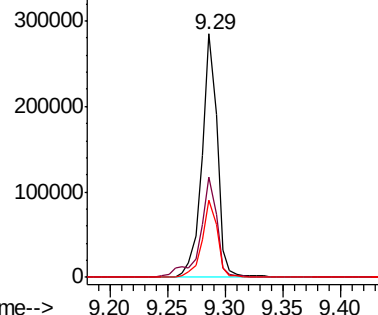
#47
 2-Chloronaphthalene
 Concen: 38.590 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: BF117340.D
 Acq: 8 Oct 2019 15:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.0	34.1	51.1
164	31.8	25.9	38.9

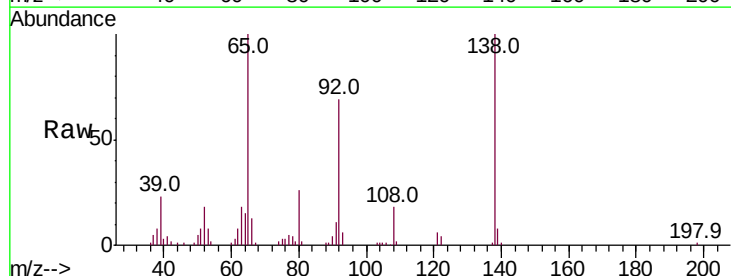


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

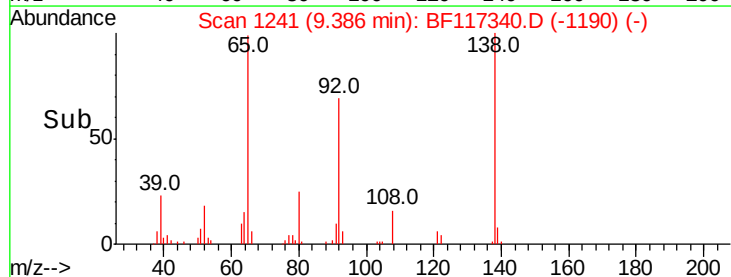
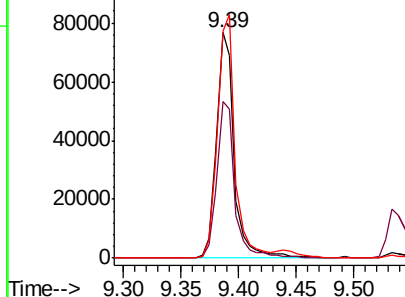


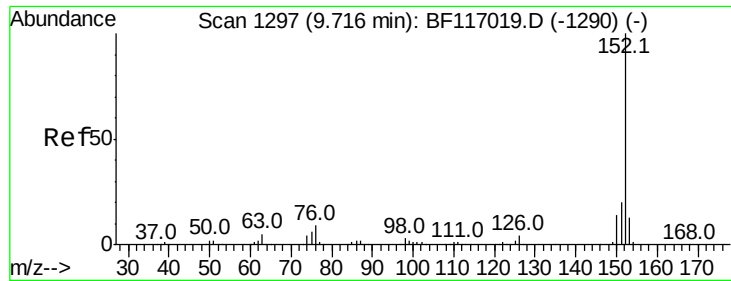
#48
 2-Nitroaniline
 Concen: 37.326 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: BF117340.D
 Acq: 8 Oct 2019 15:05

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.3	57.5	86.3
138	100.5	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: 40.432 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BF117340.D

Acq: 8 Oct 2019 15:05

Instrument :

BNA_F

ClientSampled :

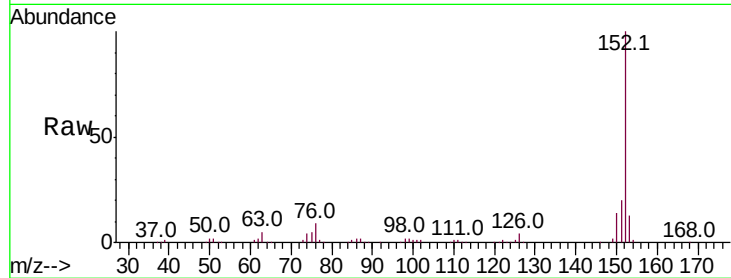
Tot Ion:152 Resp: 411703

Ion Ratio Lower Upper

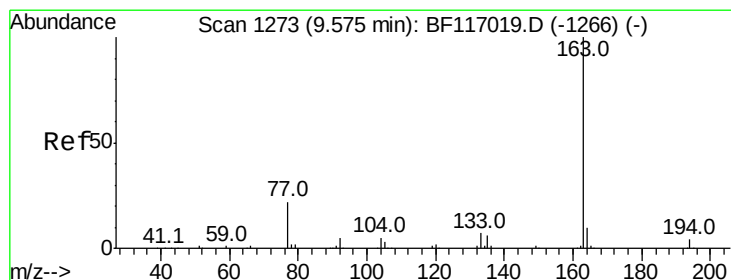
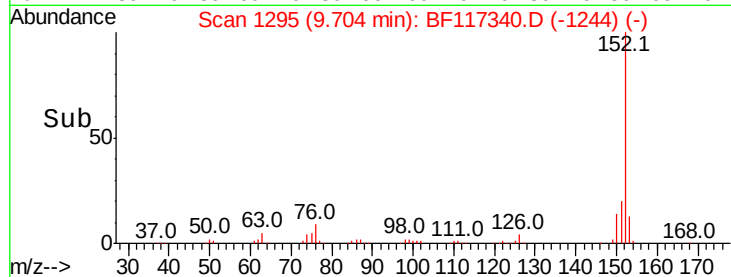
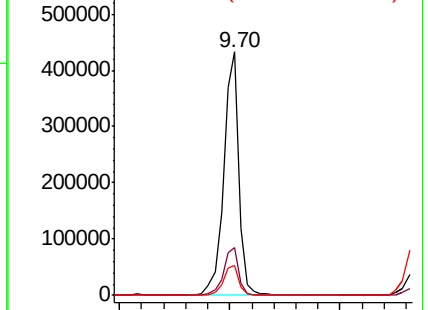
152 100

151 19.5 16.2 24.2

153 12.5 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: 39.053 ng

RT: 9.56 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BF117340.D

Acq: 8 Oct 2019 15:05

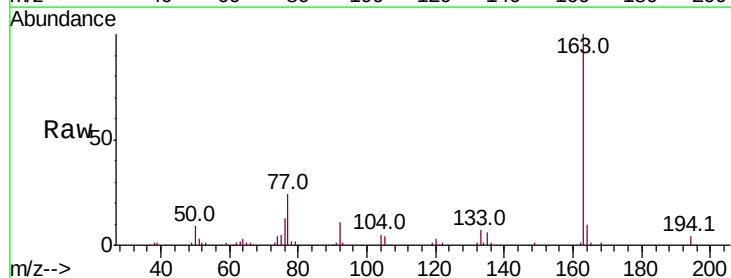
Tgt Ion:163 Resp: 303612

Ion Ratio Lower Upper

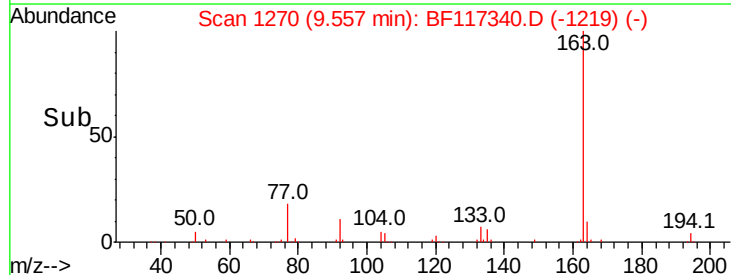
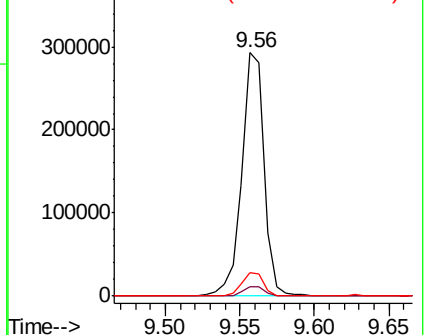
163 100

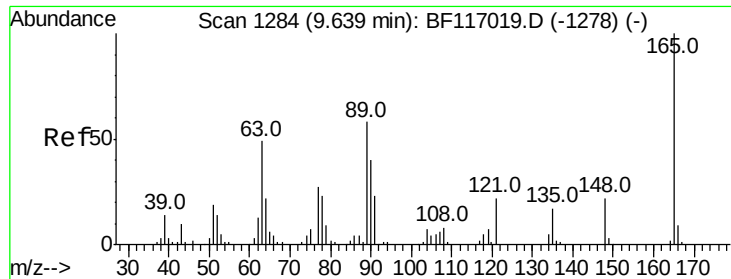
194 3.7 2.9 4.3

164 9.9 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: 41.924 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BF117340.D

Acq: 8 Oct 2019 15:05

Instrument :

BNA_F

ClientSampled :

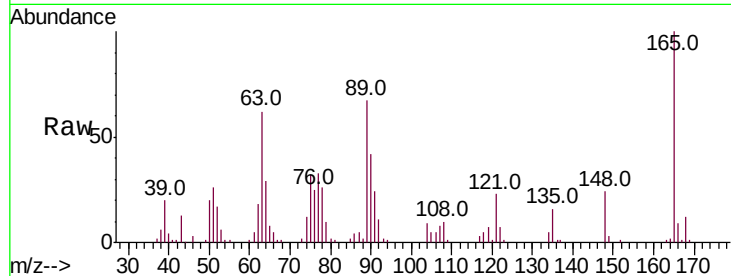
Tot Ion:165 Resp: 66382

Ion Ratio Lower Upper

165 100

63 61.8 41.8 62.8

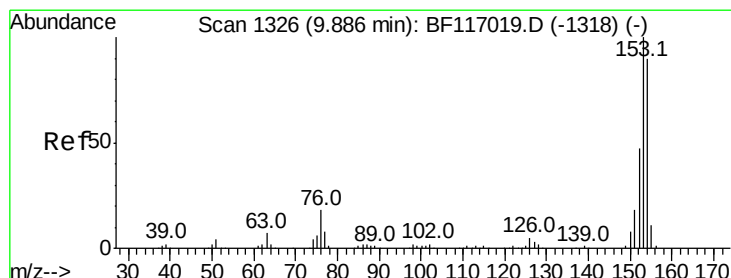
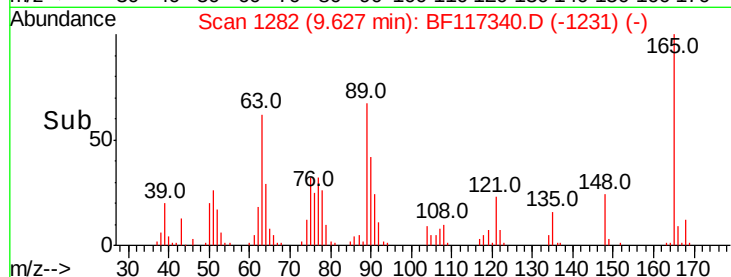
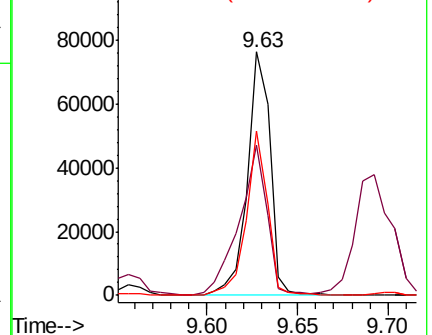
89 67.3 46.5 69.7



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: 39.968 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.00 min

Lab File: BF117340.D

Acq: 8 Oct 2019 15:05

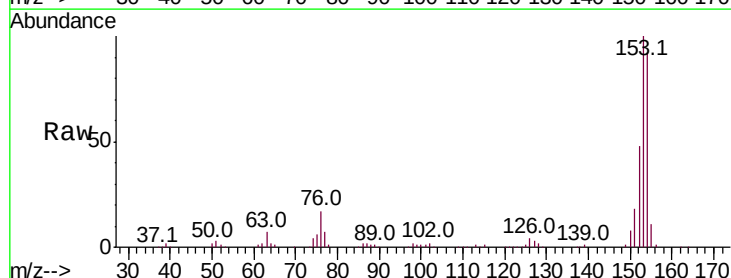
Tgt Ion:154 Resp: 241252

Ion Ratio Lower Upper

154 100

153 109.3 89.0 133.6

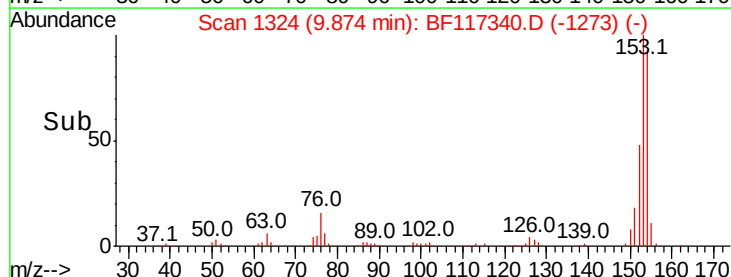
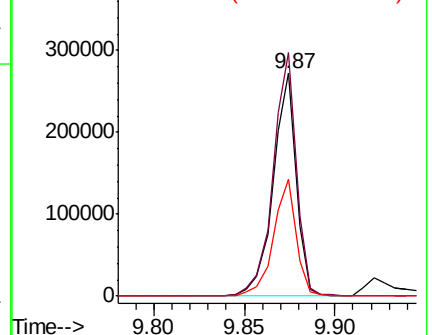
152 52.2 41.9 62.9

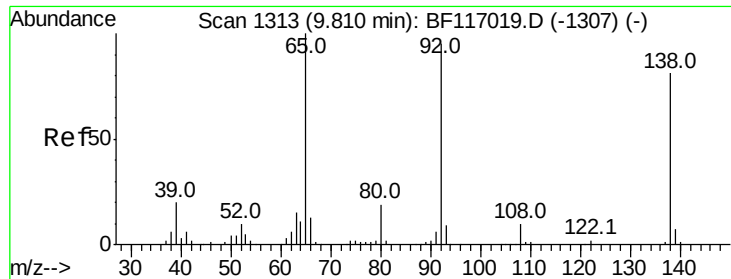


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

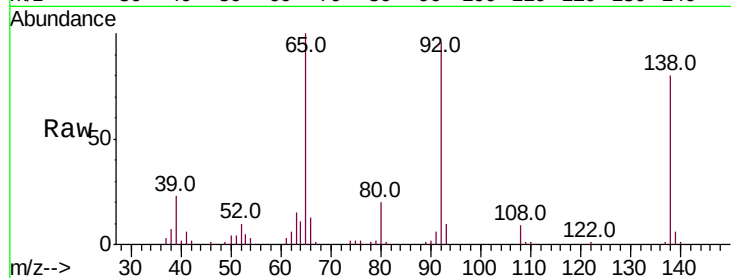




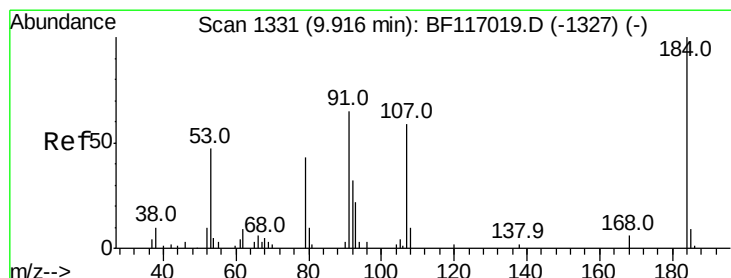
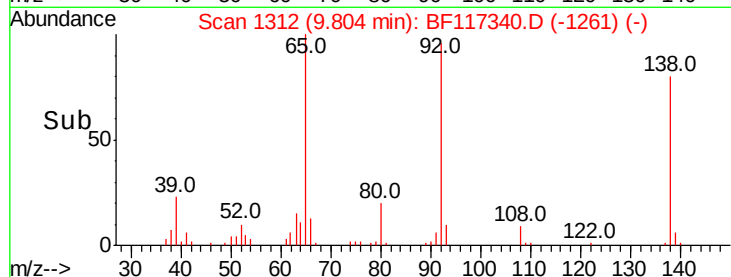
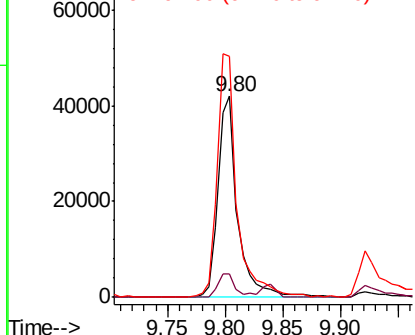
#53
3-Nitroaniline
Concen: 24.792 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 49527
Ion Ratio Lower Upper
138 100
108 11.4 9.5 14.3
92 120.0 94.1 141.1

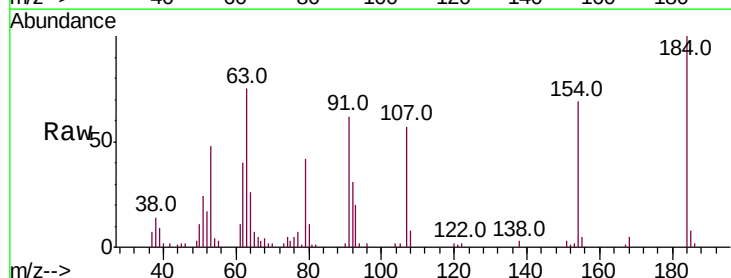


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

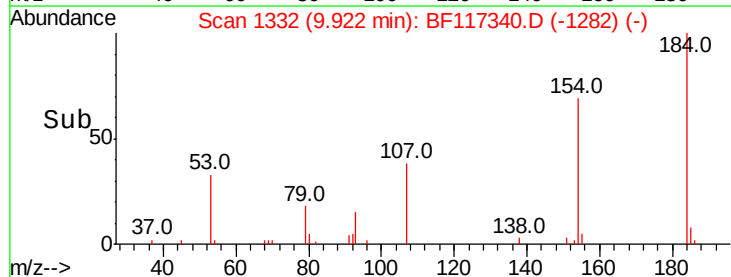
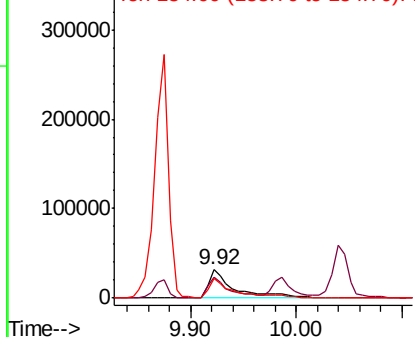


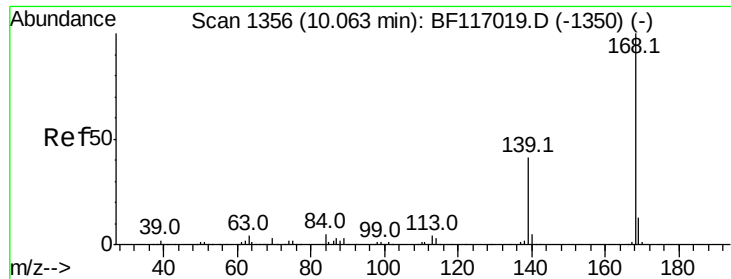
#54
2,4-Dinitrophenol
Concen: 77.795 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Tgt Ion:184 Resp: 52993
Ion Ratio Lower Upper
184 100
63 74.9 63.8 95.6
154 69.2 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

Dibenzofuran

Concen: 40.689 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BF117340.D

Acq: 8 Oct 2019 15:05

Instrument :

BNA_F

ClientSampled :

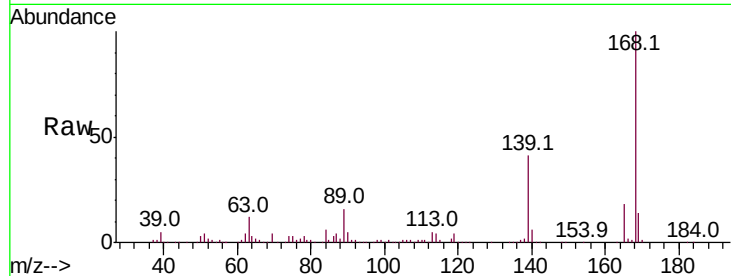
Tot Ion:168 Resp: 362368

Ion Ratio Lower Upper

168 100

139 41.1 32.8 49.2

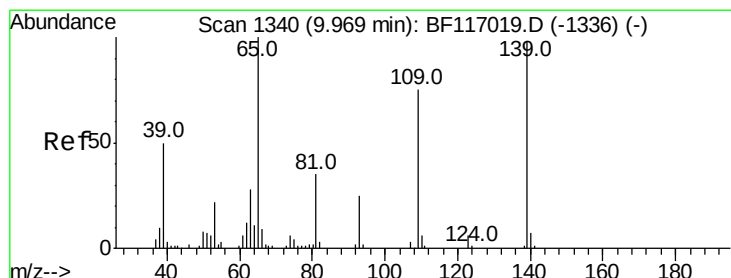
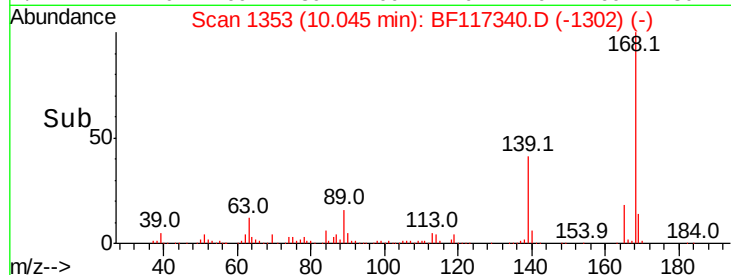
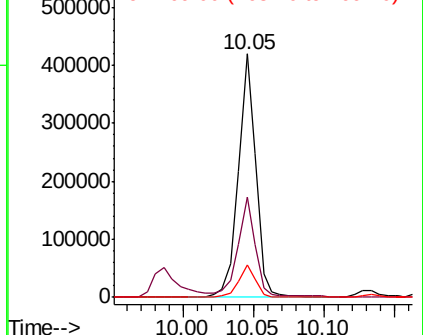
169 13.5 10.5 15.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 49.716 ng

RT: 9.99 min Scan# 1343

Delta R.T. 0.00 min

Lab File: BF117340.D

Acq: 8 Oct 2019 15:05

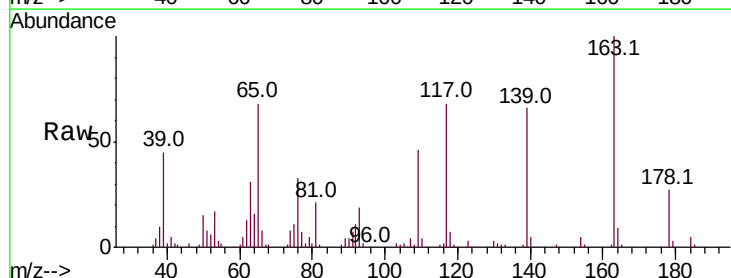
Tgt Ion:139 Resp: 64371

Ion Ratio Lower Upper

139 100

109 69.6 56.4 96.4

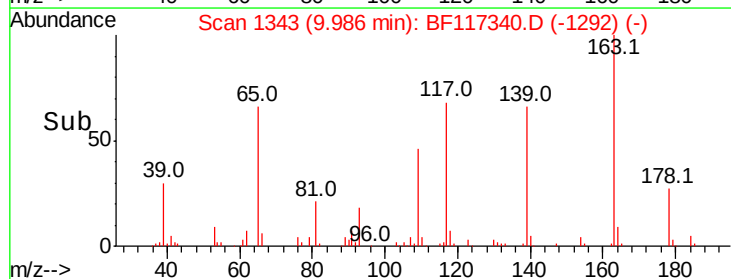
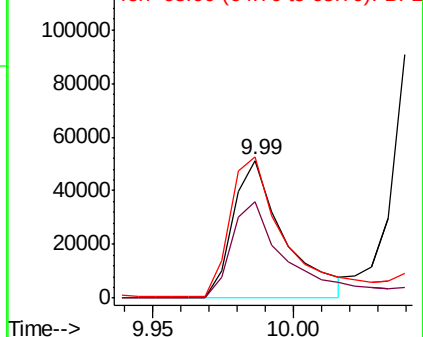
65 102.5 82.5 122.5

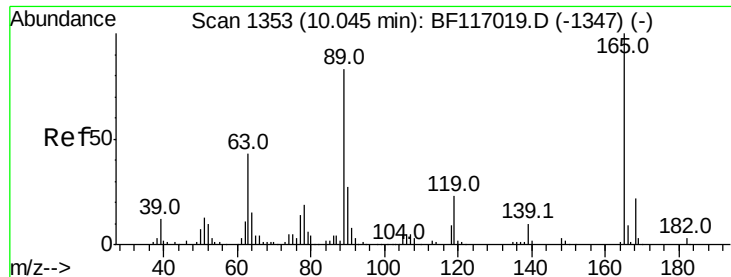


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

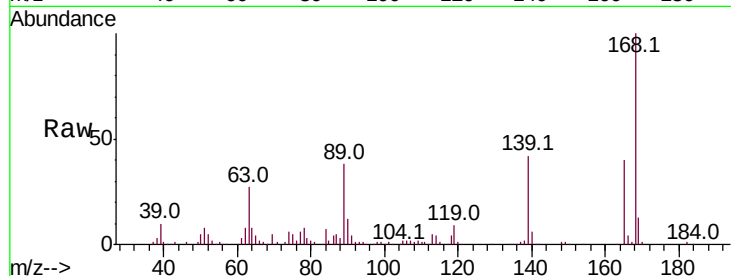




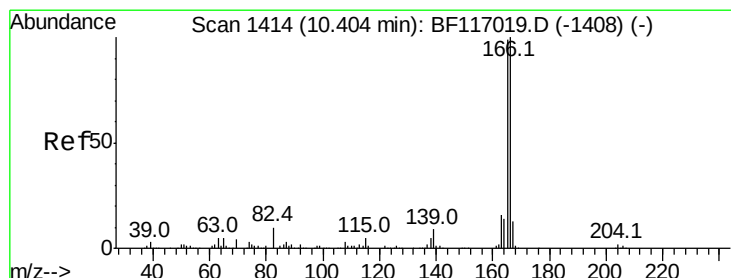
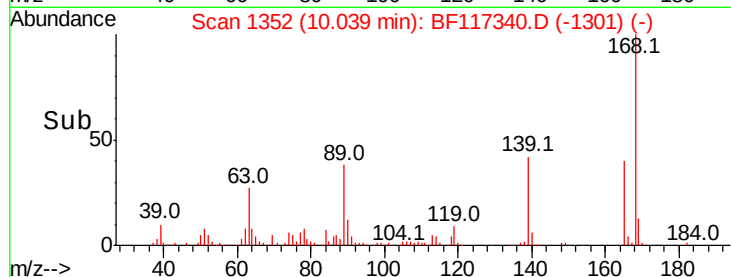
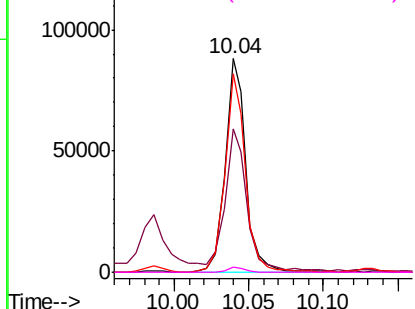
#57
2,4-Dinitrotoluene
Concen: 41.937 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 86194
Ion Ratio Lower Upper
165 100
63 67.4 35.0 52.4#
89 93.1 66.1 99.1
182 2.3 2.0 3.0

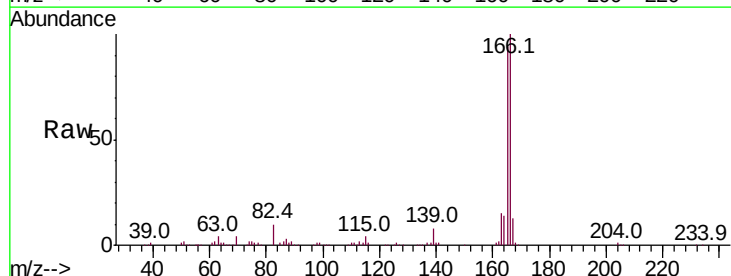


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

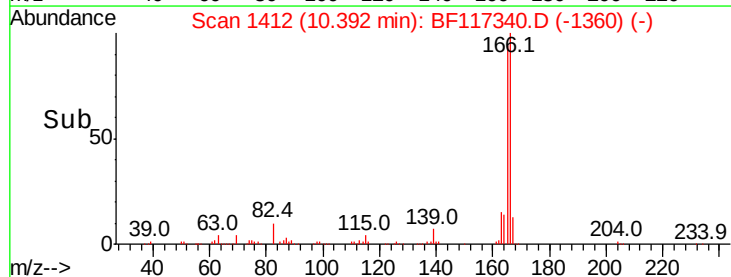
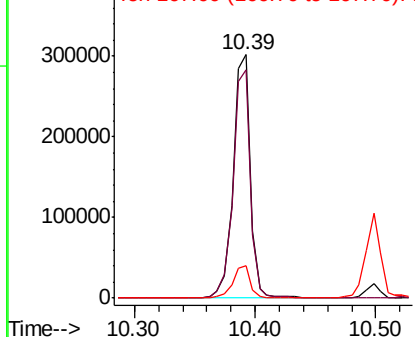


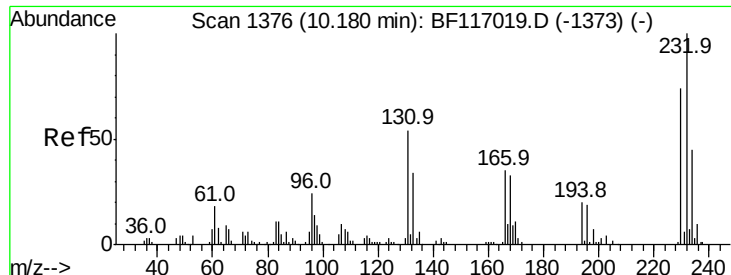
#58
Fluorene
Concen: 41.893 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Tgt Ion:166 Resp: 300537
Ion Ratio Lower Upper
166 100
165 93.8 78.9 118.3
167 13.2 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

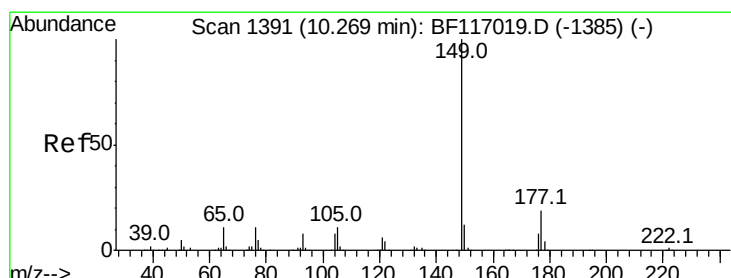
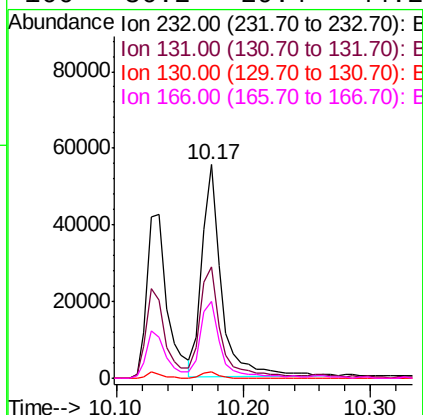
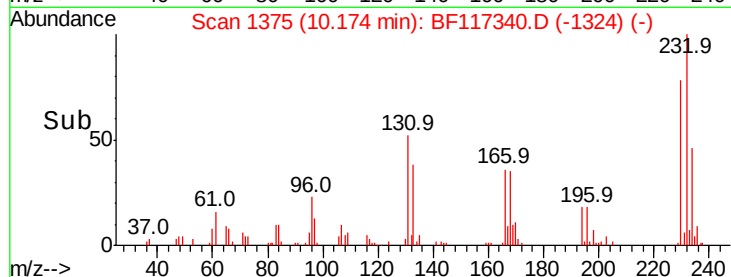
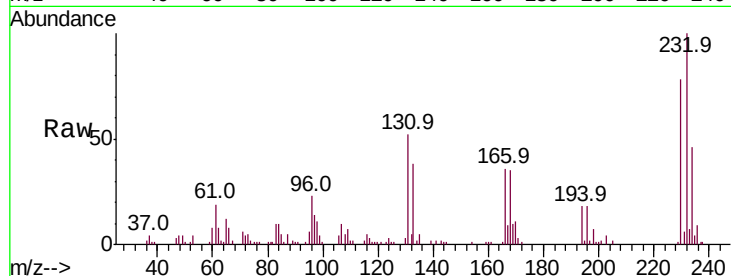




#59
2,3,4,6-Tetrachlorophenol
Concen: 37.665 ng
RT: 10.17 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

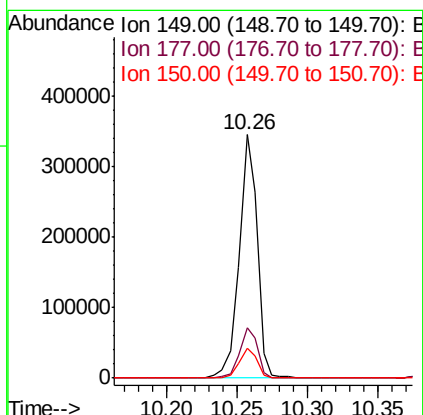
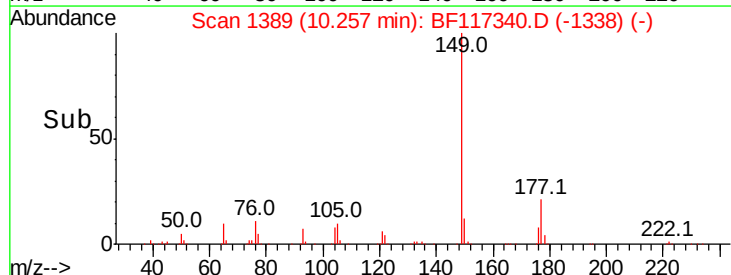
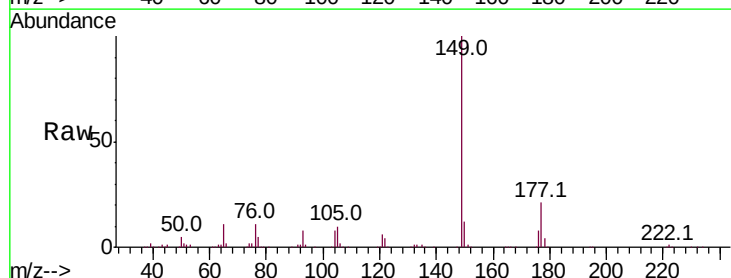
Instrument :
BNA_F
ClientSampleId :

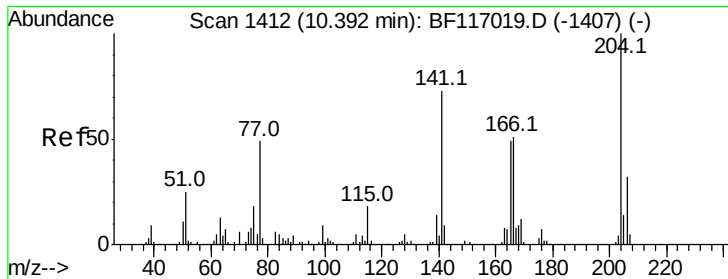
Tot Ion:232 Resp: 59253
Ion Ratio Lower Upper
232 100
131 52.5 45.3 67.9
130 2.5 1.8 2.8
166 36.2 29.4 44.2



#60
Diethylphthalate
Concen: 40.029 ng
RT: 10.26 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Tgt Ion:149 Resp: 306166
Ion Ratio Lower Upper
149 100
177 20.7 15.2 22.8
150 12.3 9.9 14.9

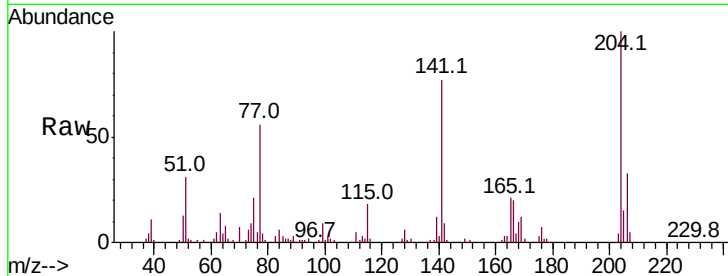




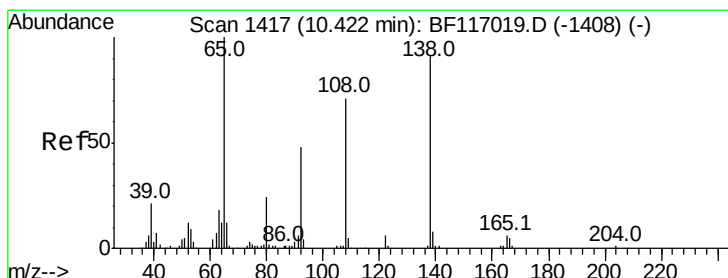
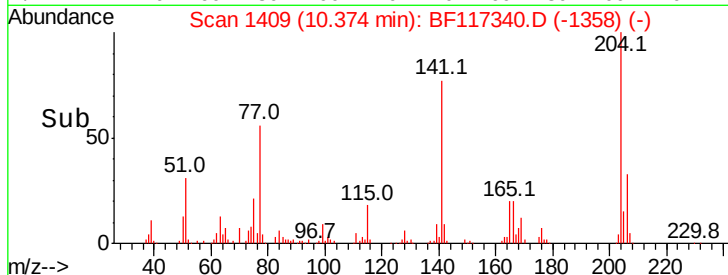
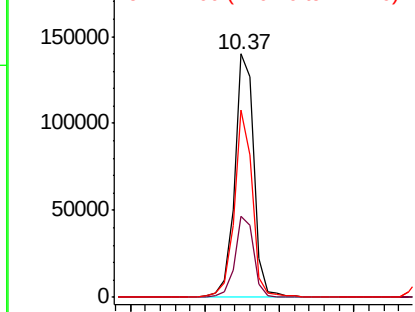
#61
4-Chlorophenyl-phenylether
Concen: 41.180 ng
RT: 10.37 min Scan# 1409
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 127820
Ion Ratio Lower Upper
204 100
206 33.2 26.0 39.0
141 77.1 58.2 87.2

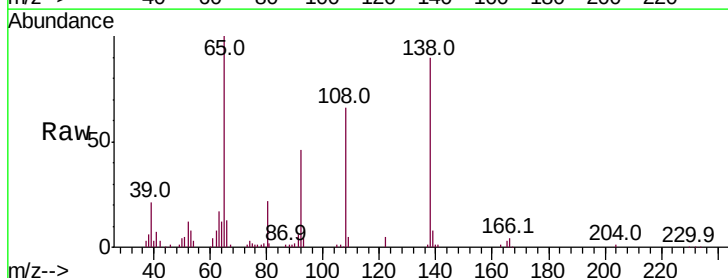


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

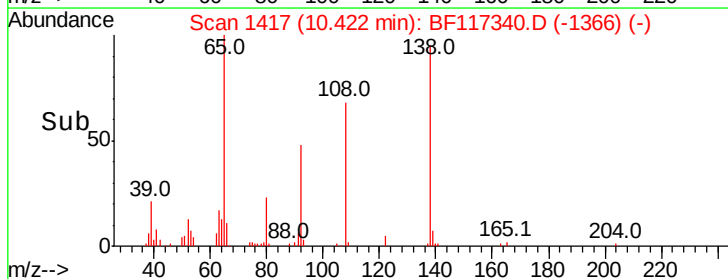
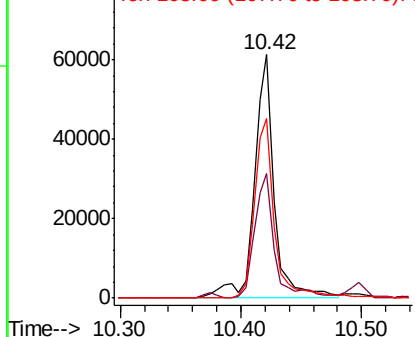


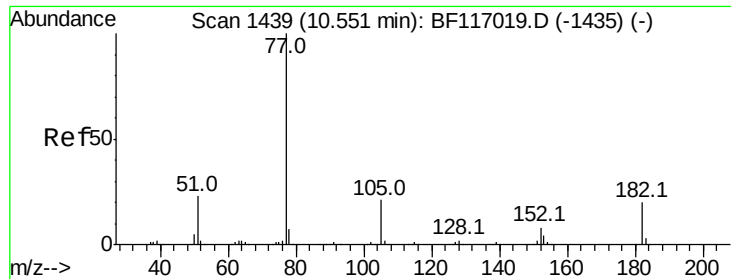
#62
4-Nitroaniline
Concen: 33.786 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Tgt Ion:138 Resp: 70192
Ion Ratio Lower Upper
138 100
92 51.0 32.9 72.9
108 73.5 58.3 98.3



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





#63

Azobenzene

Concen: 41.534 ng

RT: 10.54 min Scan# 1437

Delta R.T. 0.00 min

Lab File: BF117340.D

Acq: 8 Oct 2019 15:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 324452

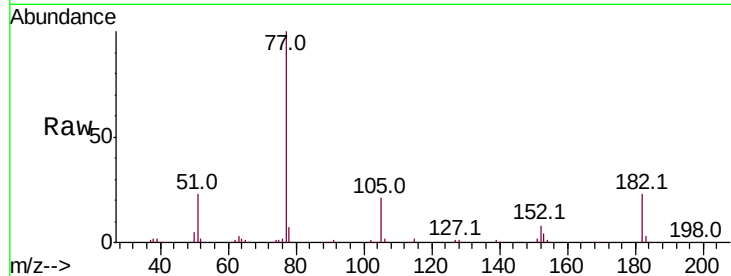
Ion Ratio Lower Upper

77 100

182 22.7 0.4 40.4

105 21.1 0.9 40.9

51 22.8 2.8 42.8

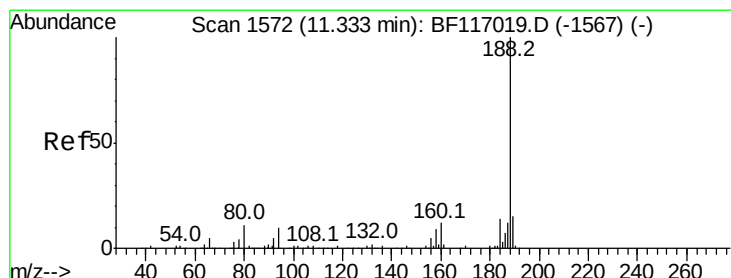
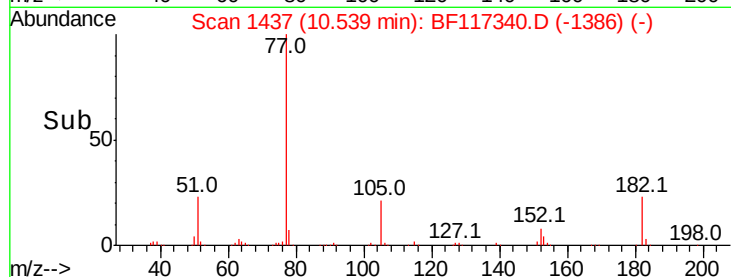
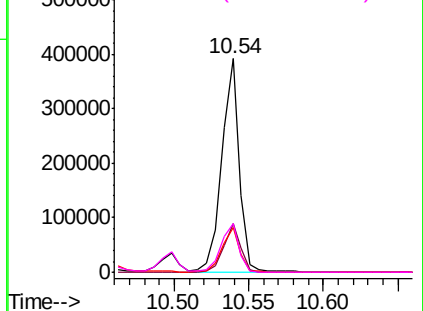


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.33 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BF117340.D

Acq: 8 Oct 2019 15:05

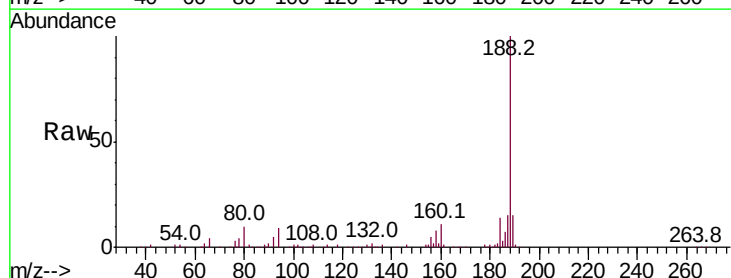
Tgt Ion: 188 Resp: 179938

Ion Ratio Lower Upper

188 100

94 9.2 8.2 12.2

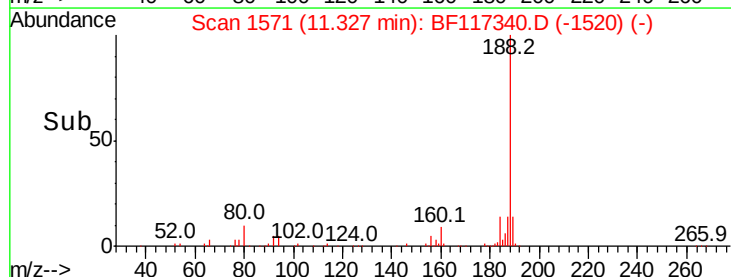
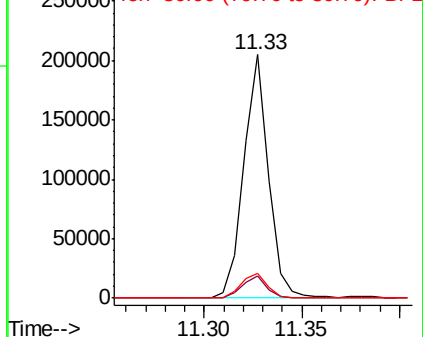
80 10.4 9.0 13.6

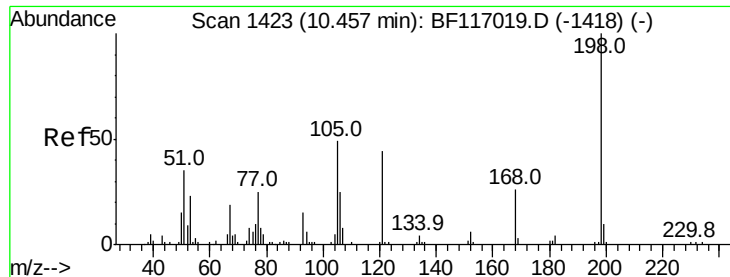


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

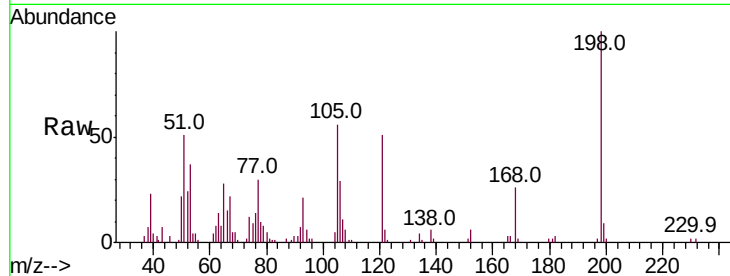




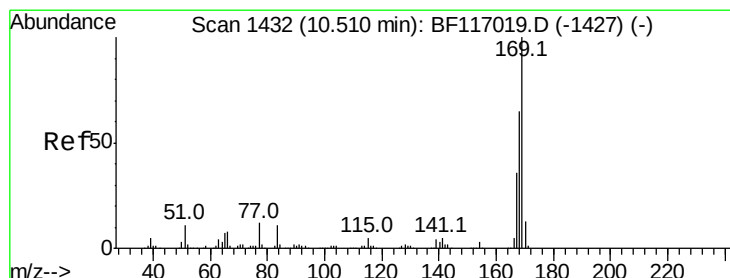
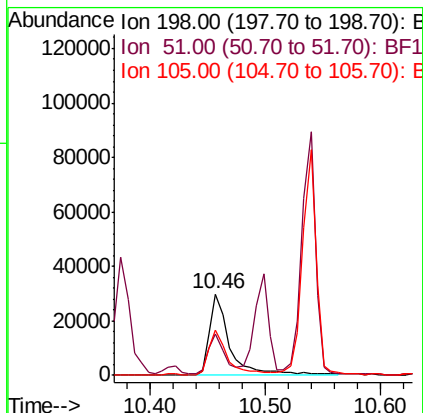
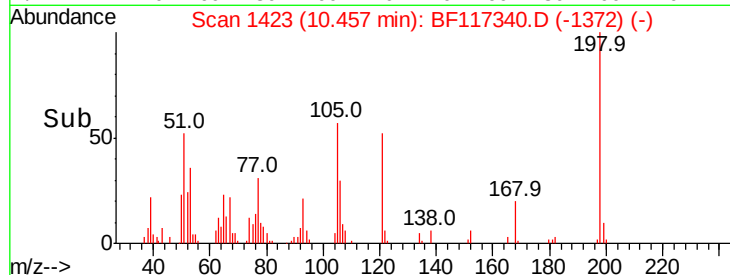
#65
4,6-Dinitro-2-methylphenol
Concen: 44.769 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 36260
Ion Ratio Lower Upper
198 100
51 51.2 18.7 58.7
105 56.3 30.2 70.2

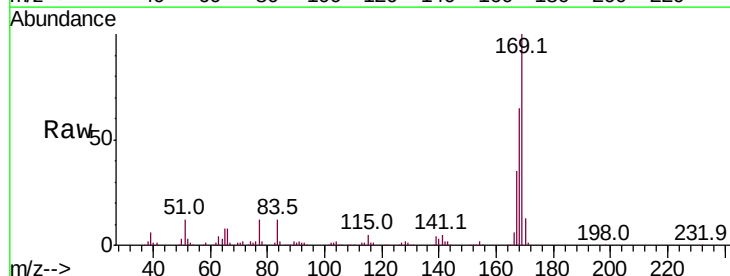


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

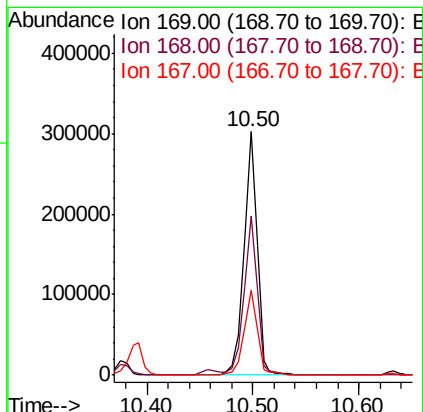
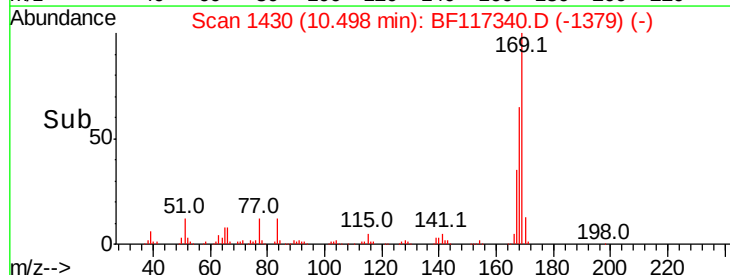


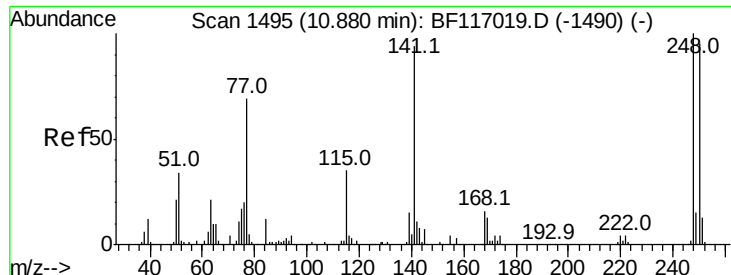
#66
n-Nitrosodiphenylamine
Concen: 41.616 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Tgt Ion:169 Resp: 258614
Ion Ratio Lower Upper
169 100
168 65.2 52.2 78.2
167 35.0 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

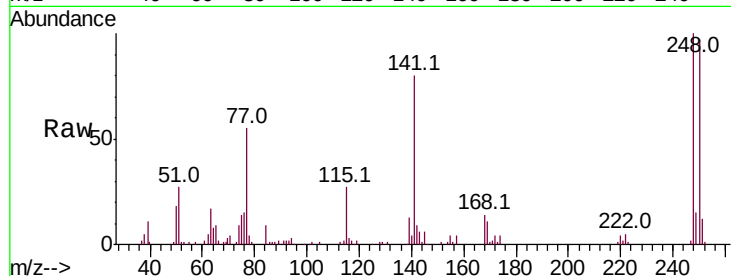




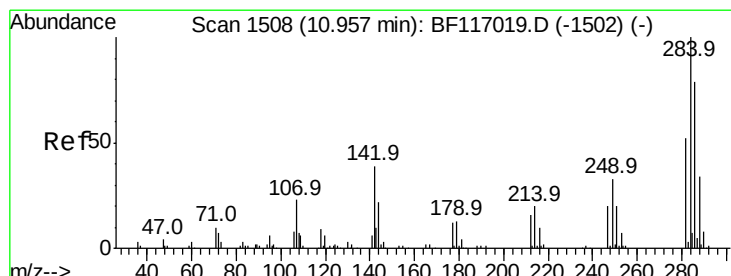
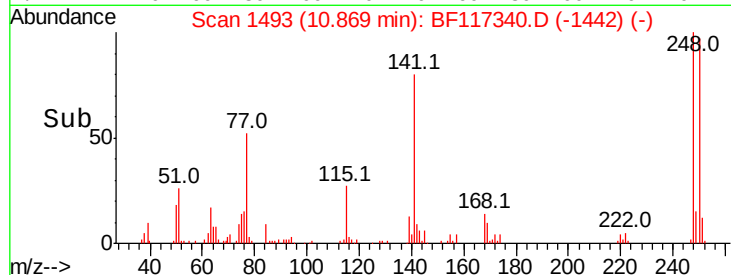
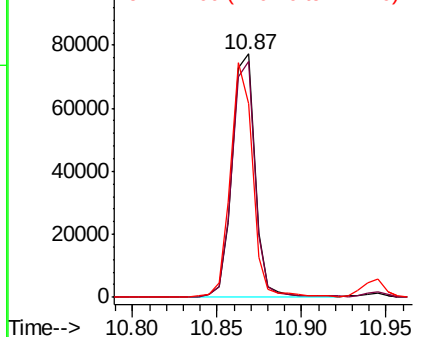
#67
 4-Bromophenyl-phenylether
 Concen: 39.722 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. 0.00 min
 Lab File: BF117340.D
 Acq: 8 Oct 2019 15:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 72994
 Ion Ratio Lower Upper
 248 100
 250 96.9 76.2 114.4
 141 79.8 75.0 112.4

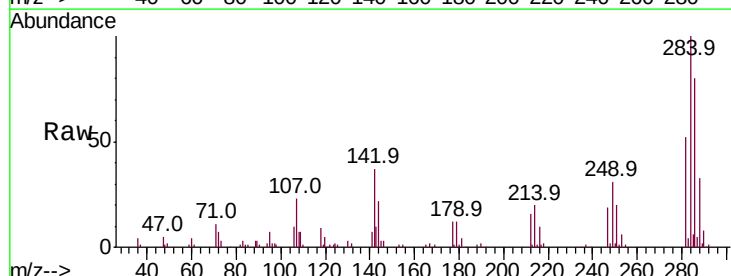


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

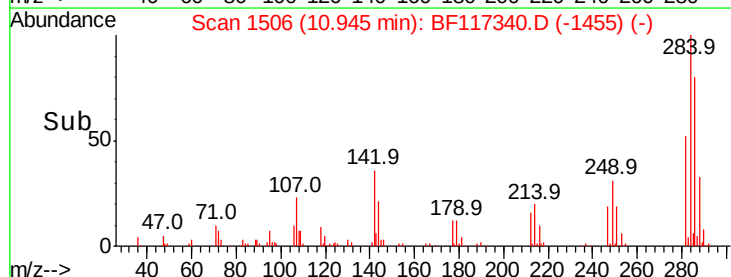
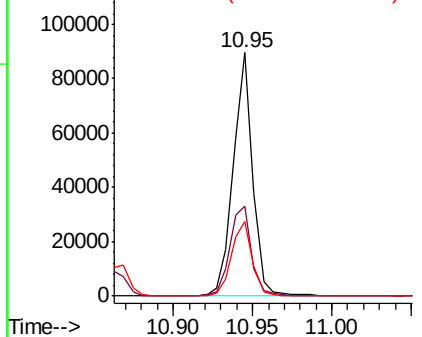


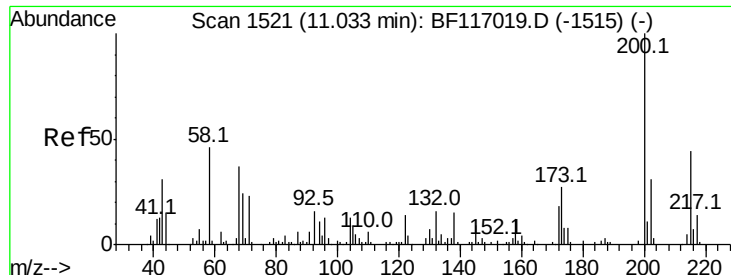
#68
 Hexachlorobenzene
 Concen: 38.007 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. 0.00 min
 Lab File: BF117340.D
 Acq: 8 Oct 2019 15:05

Tgt Ion:284 Resp: 76389
 Ion Ratio Lower Upper
 284 100
 142 37.0 31.4 47.2
 249 30.8 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

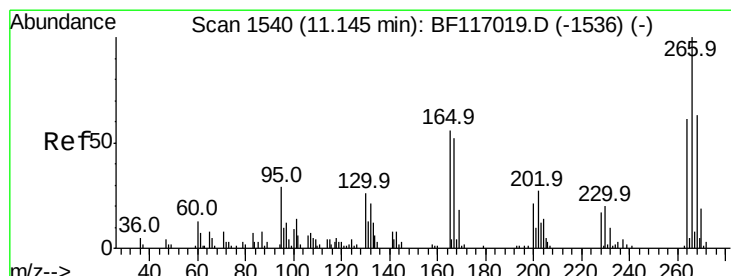
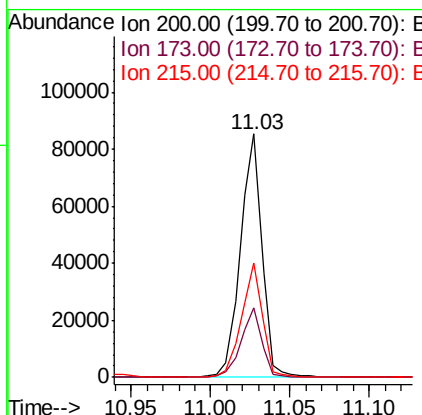
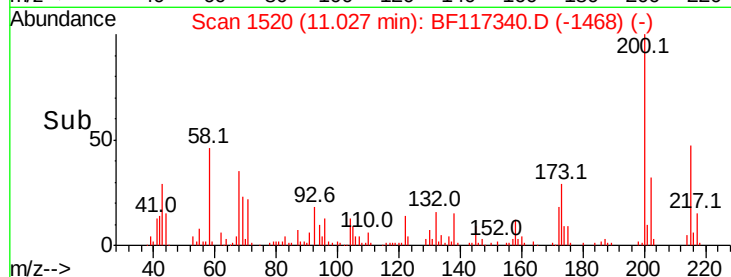
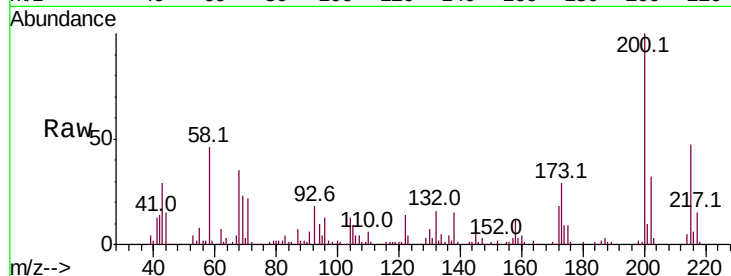




#69
Atrazine
Concen: 55.330 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

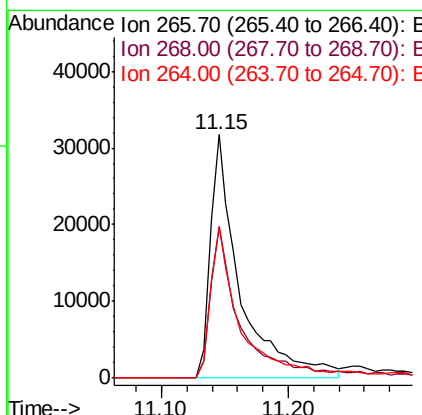
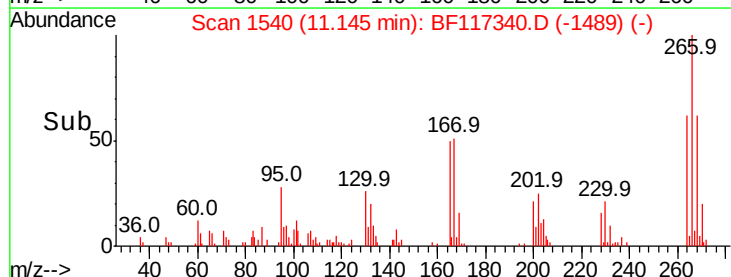
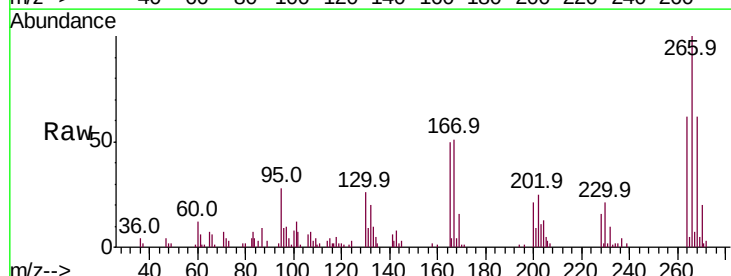
Instrument :
BNA_F
ClientSampled :

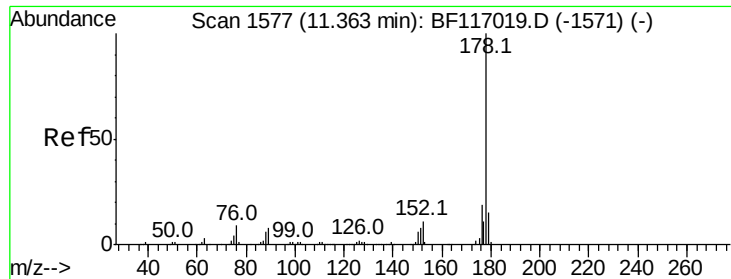
Tot Ion	Ratio	Lower	Upper
200	100		
173	28.6	6.9	46.9
215	46.8	23.8	63.8



#70
Pentachlorophenol
Concen: 55.203 ng
RT: 11.15 min Scan# 1540
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.3	50.5	75.7
264	62.2	48.8	73.2

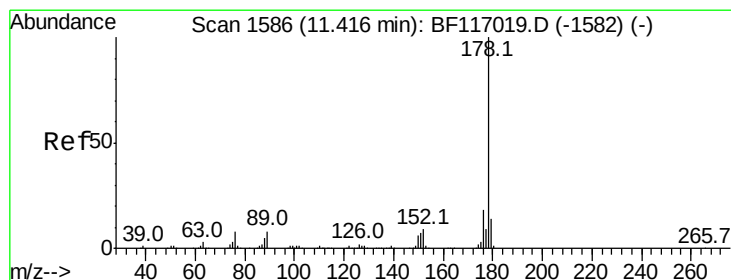
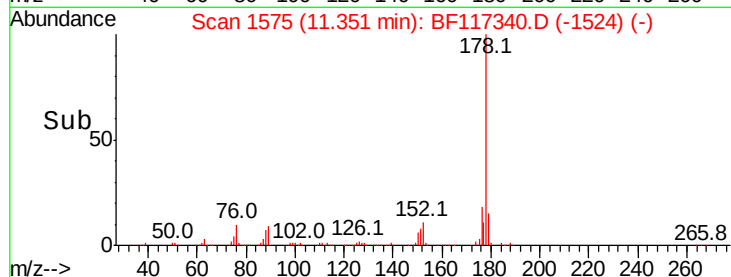
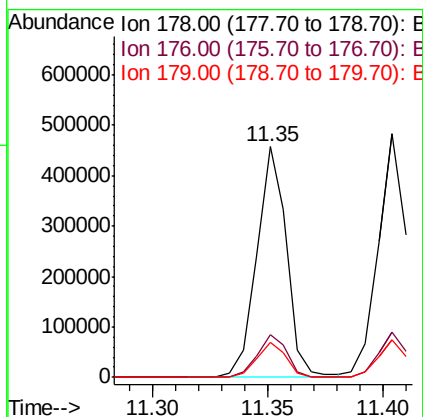
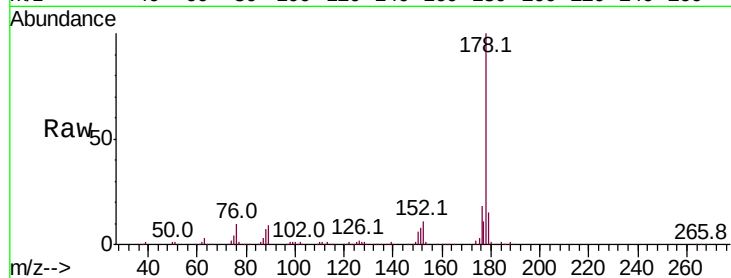




#71
Phenanthrene
Concen: 40.463 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

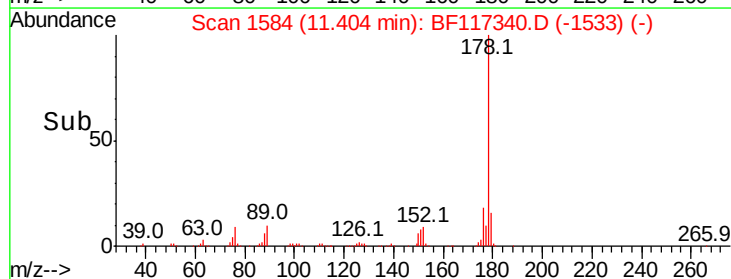
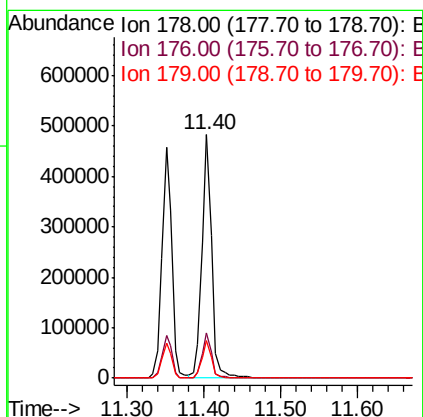
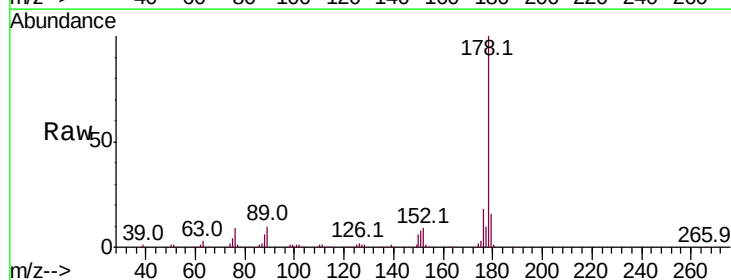
Instrument :
BNA_F
ClientSampleId :

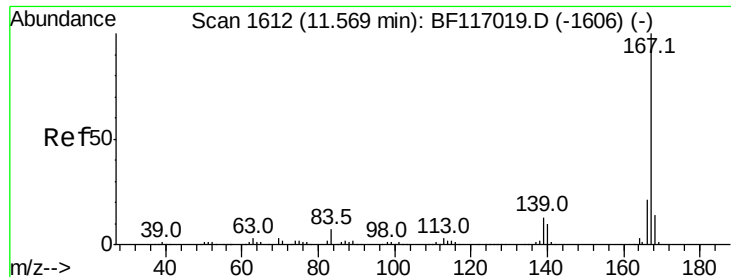
Tot Ion:178 Resp: 413545
Ion Ratio Lower Upper
178 100
176 18.4 15.4 23.2
179 15.2 12.4 18.6



#72
Anthracene
Concen: 41.499 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Tgt Ion:178 Resp: 433007
Ion Ratio Lower Upper
178 100
176 18.5 14.6 21.8
179 15.6 11.6 17.4

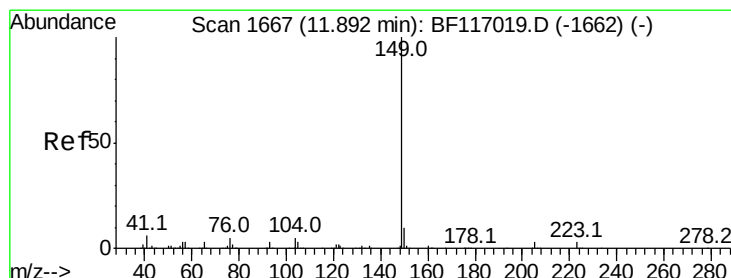
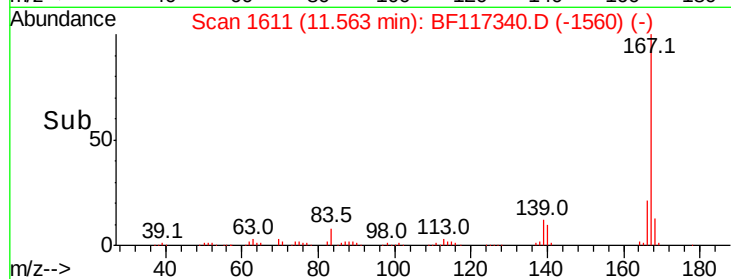
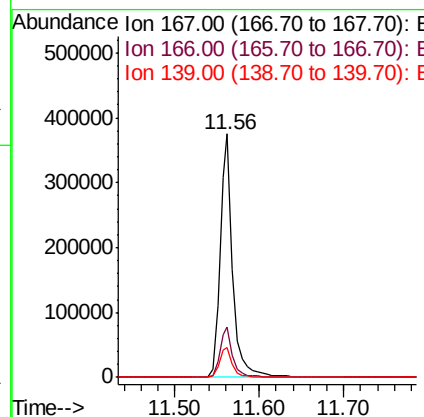
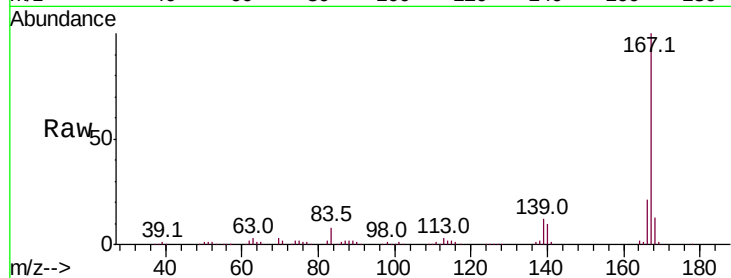




#73
 Carbazole
 Concen: 40.098 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. 0.00 min
 Lab File: BF117340.D
 Acq: 8 Oct 2019 15:05

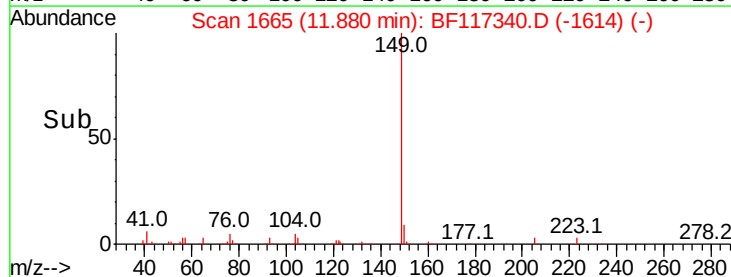
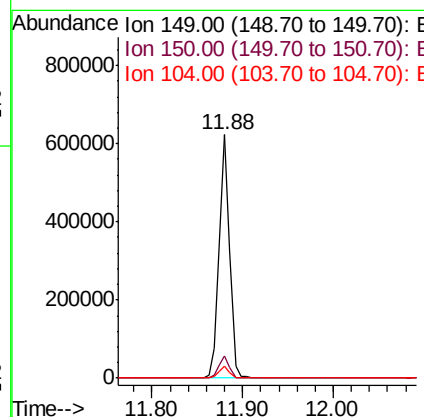
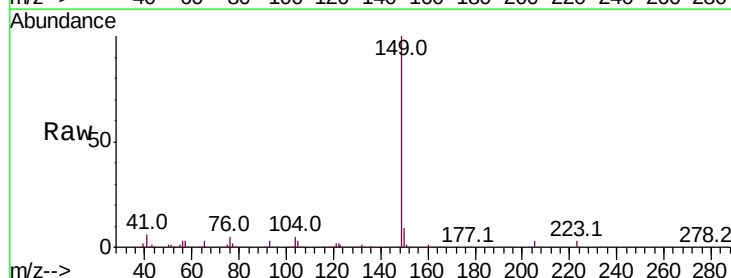
Instrument :
 BNA_F
 ClientSampleId :

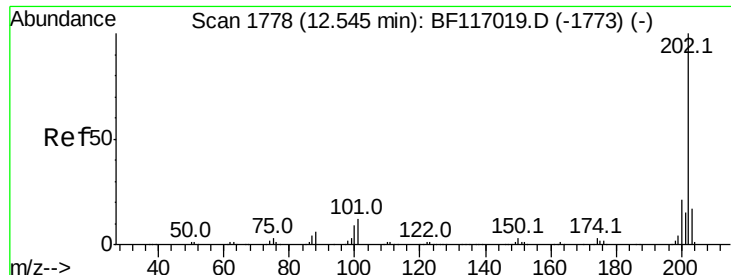
Tot Ion:167 Resp: 397141
 Ion Ratio Lower Upper
 167 100
 166 20.8 17.2 25.8
 139 12.4 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 43.026 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. 0.00 min
 Lab File: BF117340.D
 Acq: 8 Oct 2019 15:05

Tgt Ion:149 Resp: 507013
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.7 11.5
 104 4.9 4.2 6.4

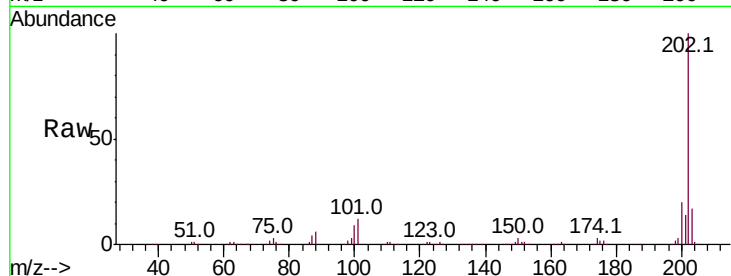




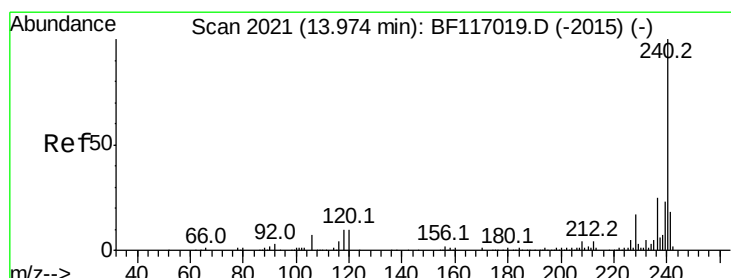
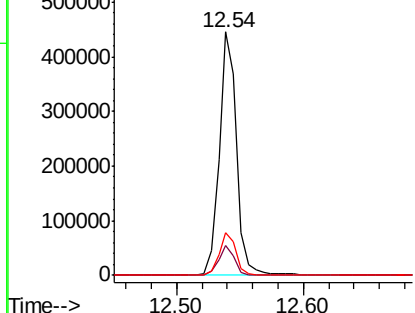
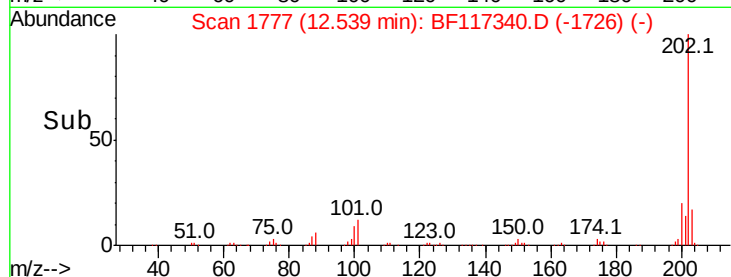
#75
 Fluoranthene
 Concen: 40.504 ng
 RT: 12.54 min Scan# 1777
 Delta R.T. 0.00 min
 Lab File: BF117340.D
 Acq: 8 Oct 2019 15:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 425351
 Ion Ratio Lower Upper
 202 100
 101 12.2 0.0 32.3
 203 17.3 0.0 37.1

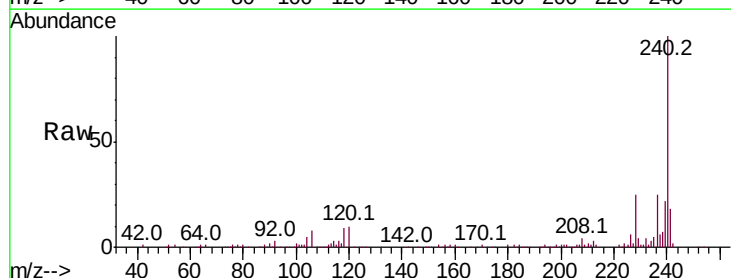


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

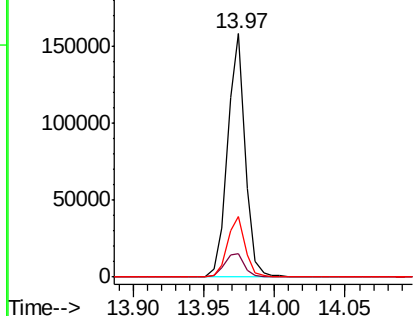
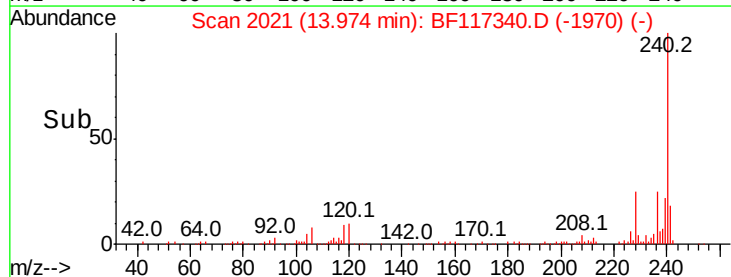


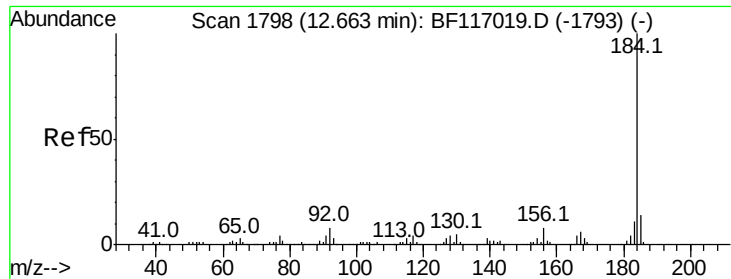
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: BF117340.D
 Acq: 8 Oct 2019 15:05

Tgt Ion:240 Resp: 136805
 Ion Ratio Lower Upper
 240 100
 120 9.6 8.3 12.5
 236 24.7 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: 54.233 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.00 min

Lab File: BF117340.D

Acq: 8 Oct 2019 15:05

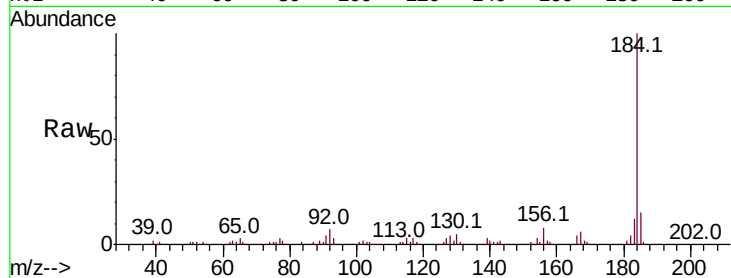
Instrument :

BNA_F

ClientSampled :

Tot Ion:184 Resp: 238997

Ion	Ratio	Lower	Upper
184	100		
185	14.8	11.6	17.4
183	11.6	9.0	13.4

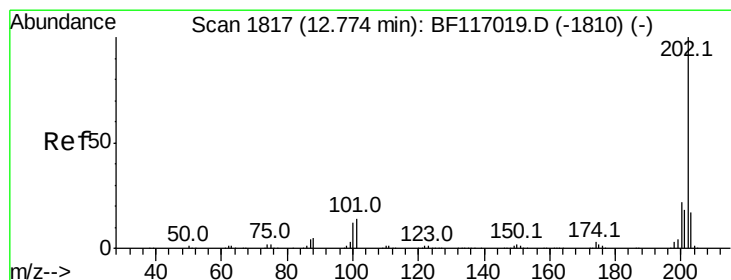
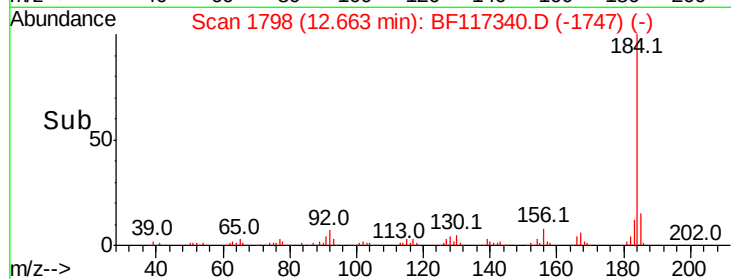
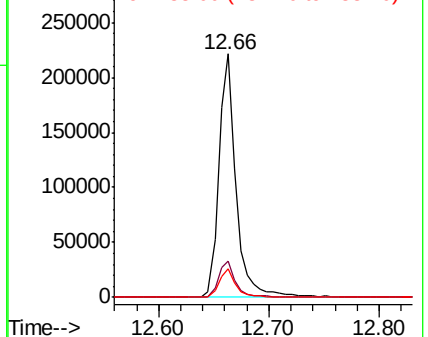


Abundance

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: 37.578 ng

RT: 12.77 min Scan# 1817

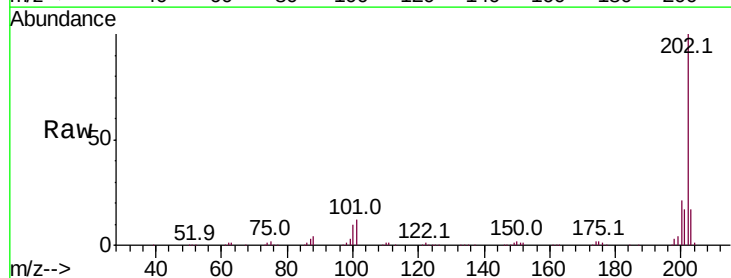
Delta R.T. 0.00 min

Lab File: BF117340.D

Acq: 8 Oct 2019 15:05

Tgt Ion:202 Resp: 431353

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.2	25.8
203	16.7	14.0	21.0

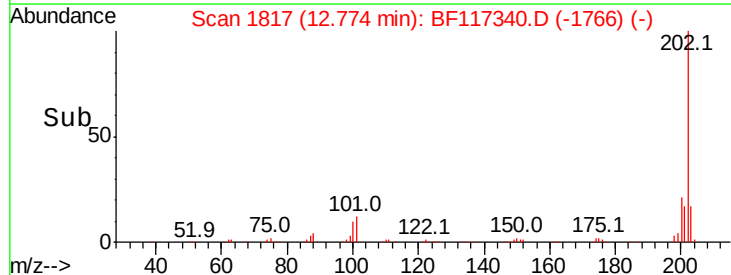
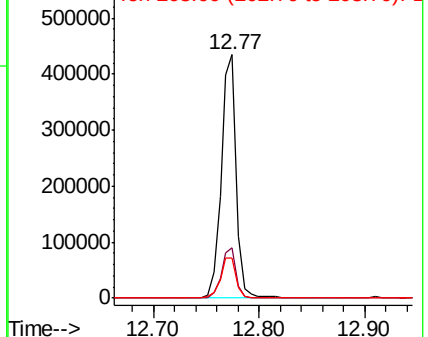


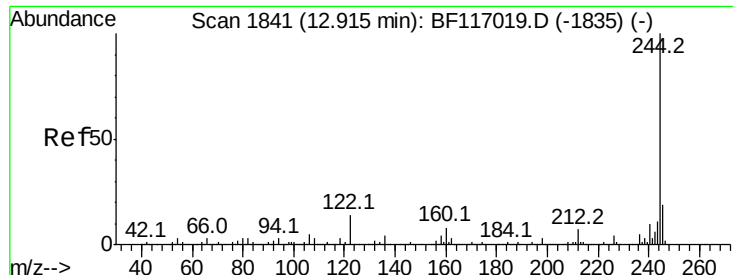
Abundance

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: 64.735 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.00 min

Lab File: BF117340.D

Acq: 8 Oct 2019 15:05

Instrument :

BNA_F

ClientSampleId :

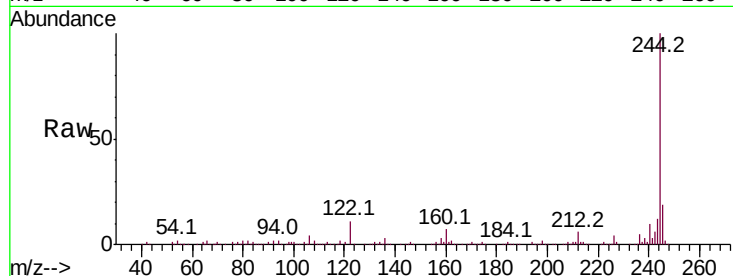
Tot Ion:244 Resp: 473785

Ion Ratio Lower Upper

244 100

212 6.3 5.8 8.8

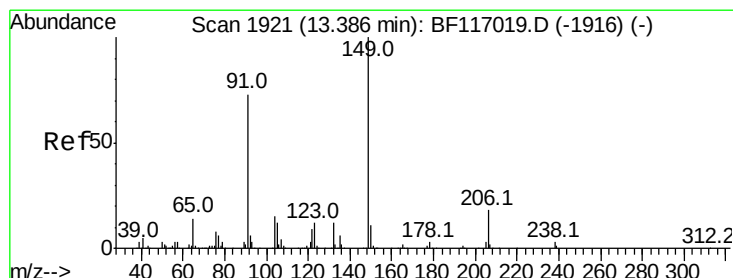
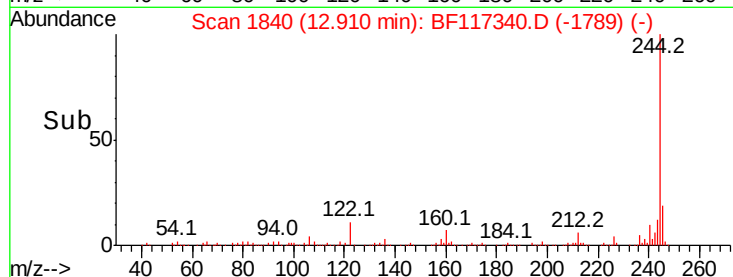
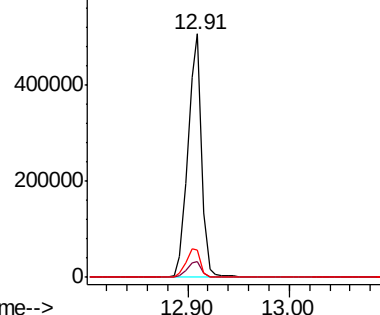
122 11.1 11.3 16.9#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.665 ng

RT: 13.37 min Scan# 1919

Delta R.T. 0.00 min

Lab File: BF117340.D

Acq: 8 Oct 2019 15:05

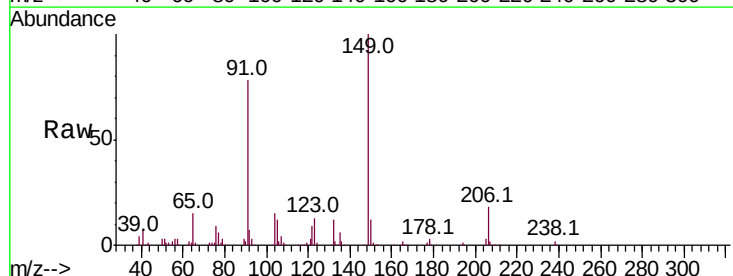
Tgt Ion:149 Resp: 209717

Ion Ratio Lower Upper

149 100

91 77.8 58.8 88.2

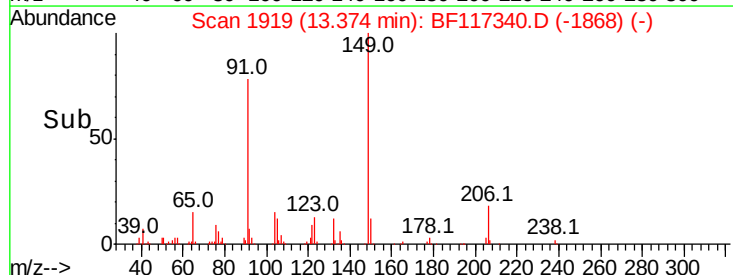
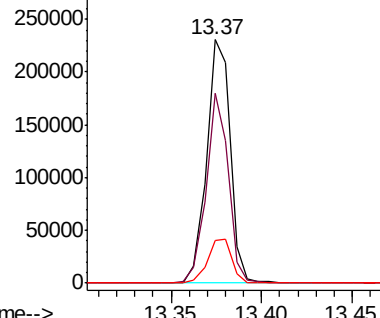
206 17.7 14.1 21.1

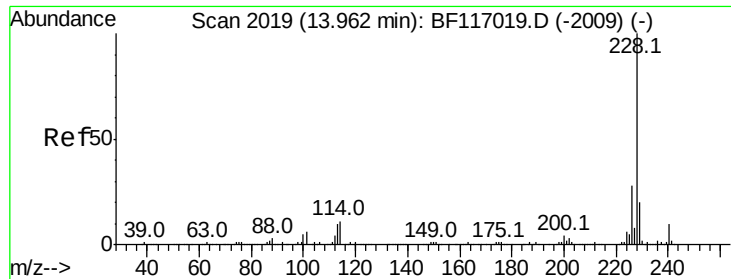


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.628 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF117340.D

Acq: 8 Oct 2019 15:05

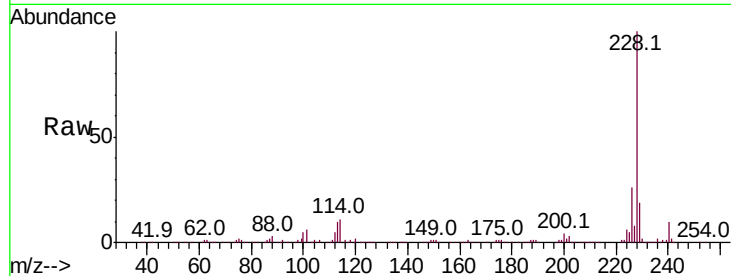
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 353061

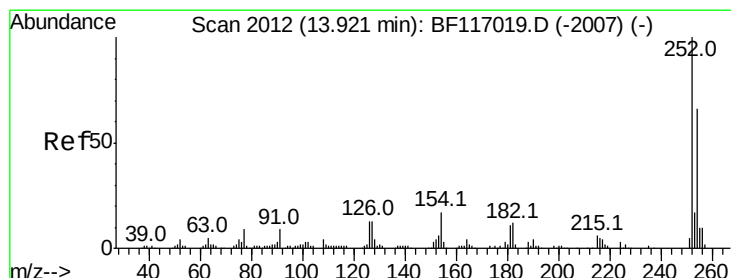
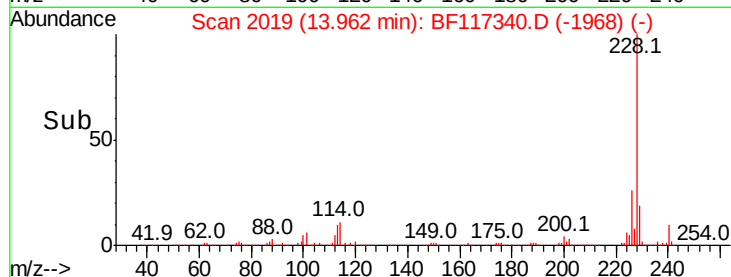
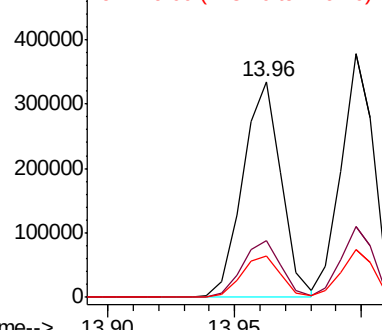
Ion	Ratio	Lower	Upper
228	100		
226	26.5	22.3	33.5
229	19.5	15.9	23.9



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: 28.290 ng

RT: 13.92 min Scan# 2011

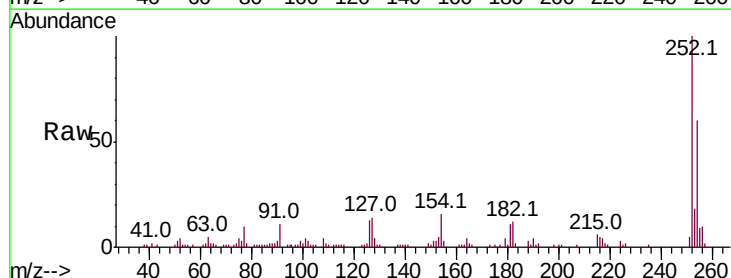
Delta R.T. -0.01 min

Lab File: BF117340.D

Acq: 8 Oct 2019 15:05

Tgt Ion:252 Resp: 83325

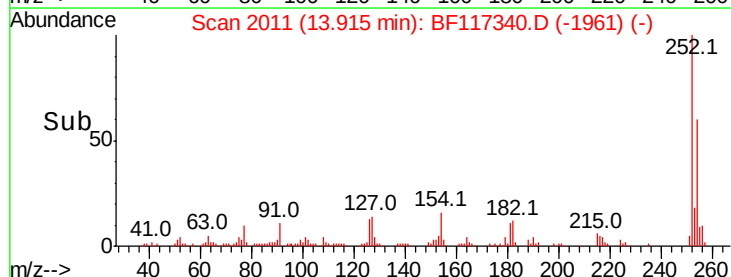
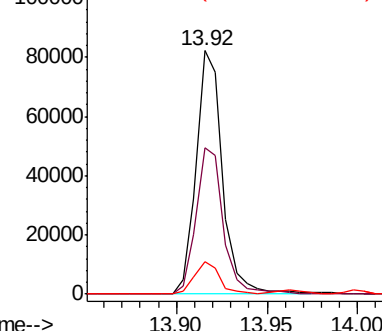
Ion	Ratio	Lower	Upper
252	100		
254	60.3	52.6	79.0
126	13.4	10.4	15.6

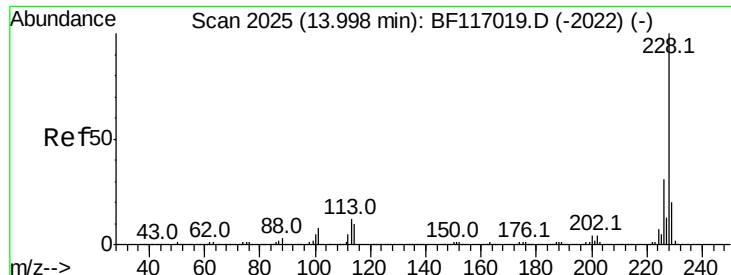


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.509 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF117340.D

Acq: 8 Oct 2019 15:05

Instrument :

BNA_F

ClientSampleId :

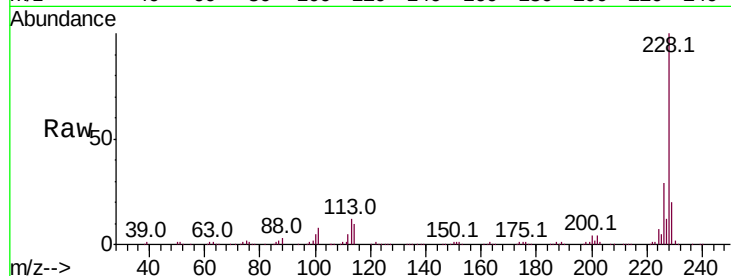
Tot Ion:228 Resp: 343290

Ion Ratio Lower Upper

228 100

226 29.2 24.8 37.2

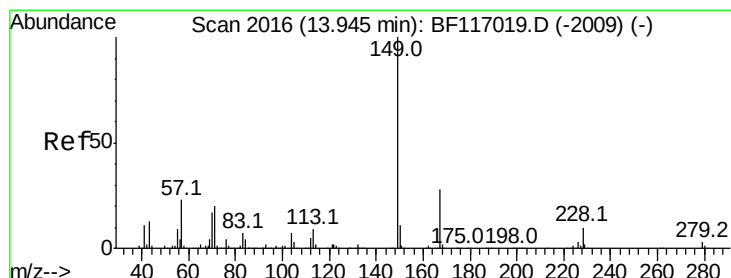
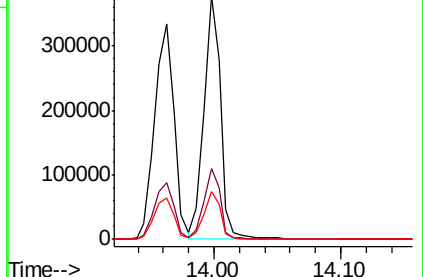
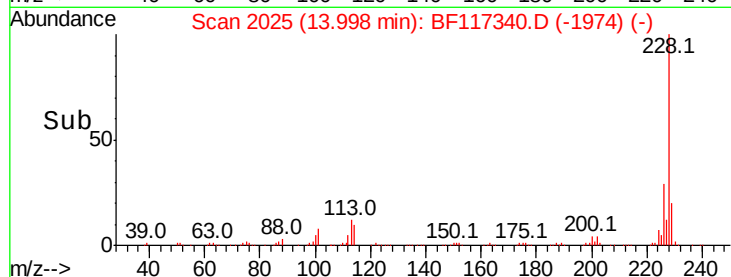
229 19.8 15.8 23.8



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: 42.590 ng

RT: 13.93 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BF117340.D

Acq: 8 Oct 2019 15:05

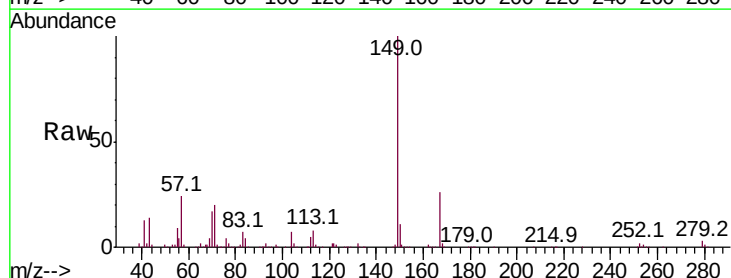
Tgt Ion:149 Resp: 297854

Ion Ratio Lower Upper

149 100

167 26.1 22.2 33.2

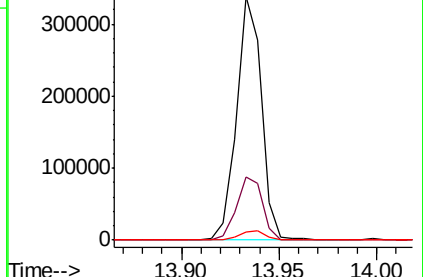
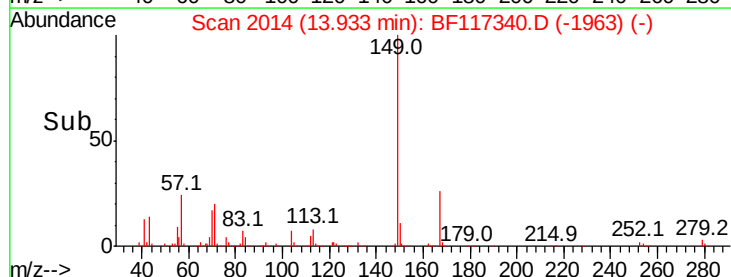
279 3.2 2.8 4.2

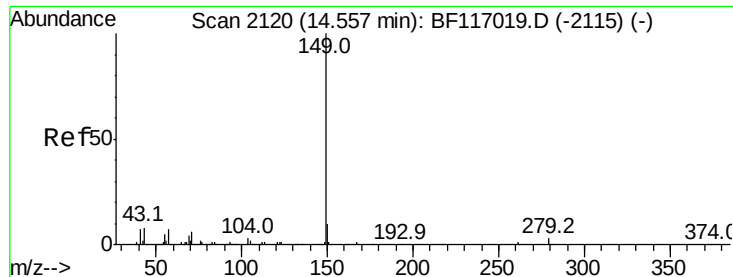


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

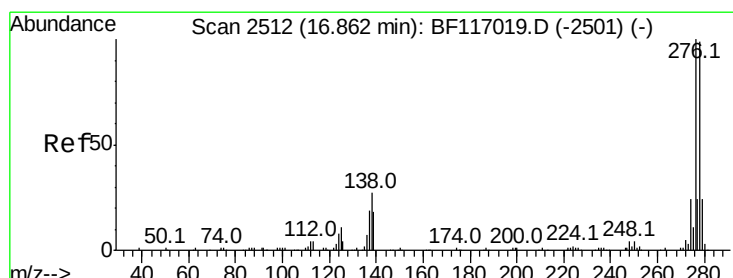
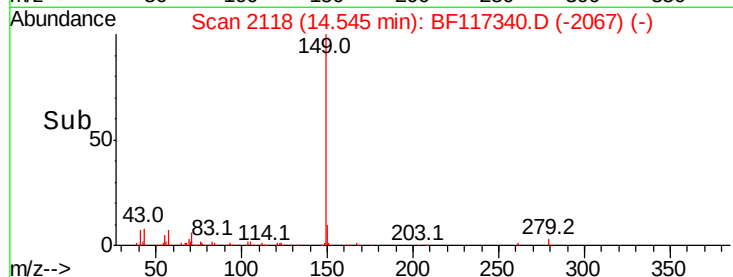
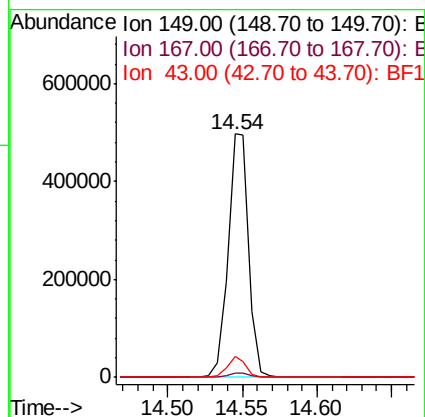
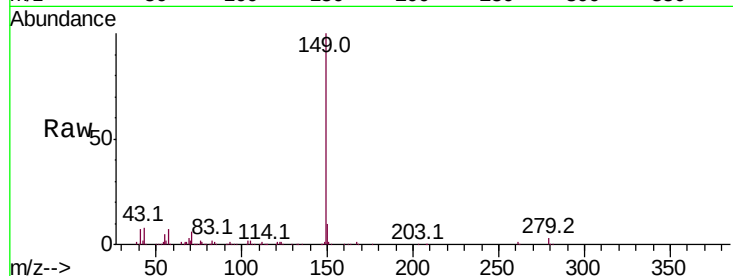




#85
Di-n-octyl phthalate
Concen: 44.092 ng
RT: 14.54 min Scan# 2118
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

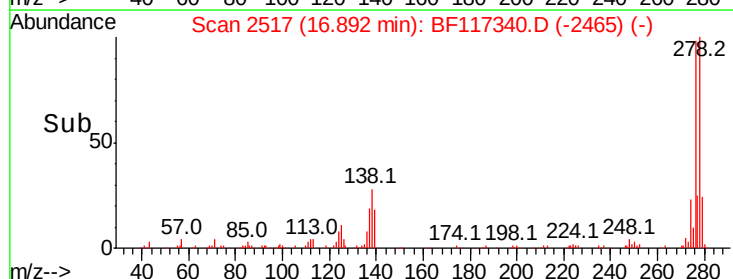
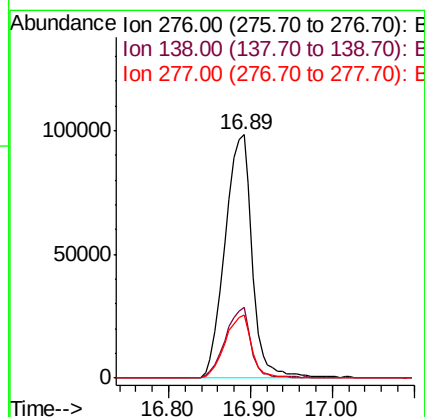
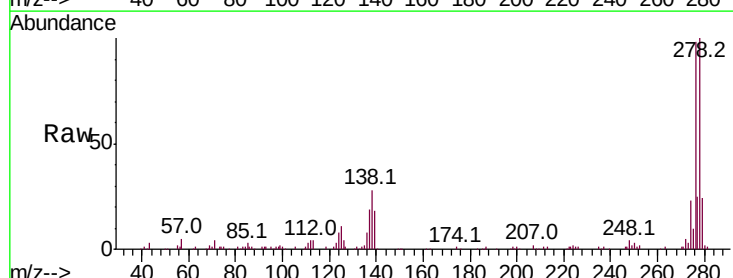
Instrument :
BNA_F
ClientSampleId :

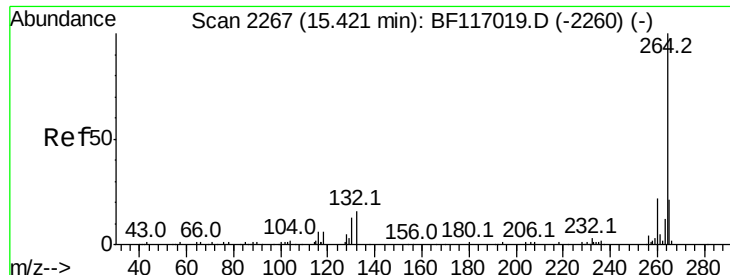
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	7.6	6.2	9.4



#86
Indeno(1,2,3-cd)pyrene
Concen: 35.150 ng
RT: 16.89 min Scan# 2517
Delta R.T. 0.01 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.4	20.7	31.1
277	25.0	19.8	29.8



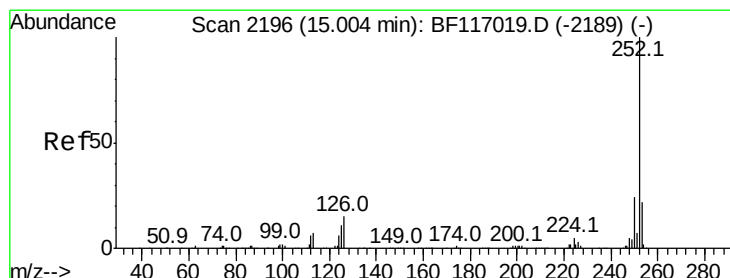
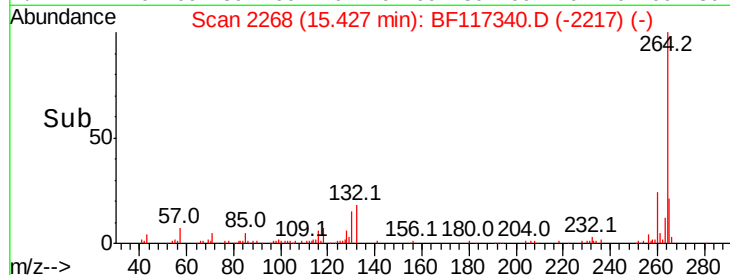
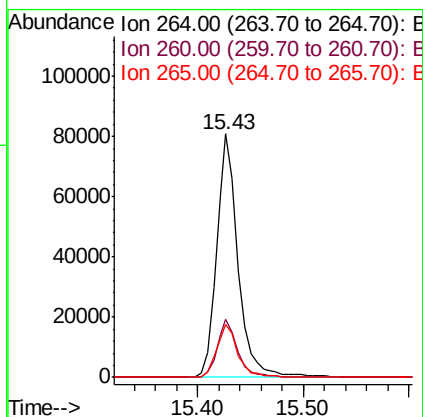
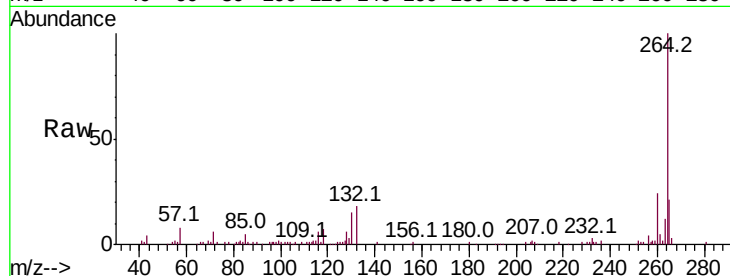


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 113880

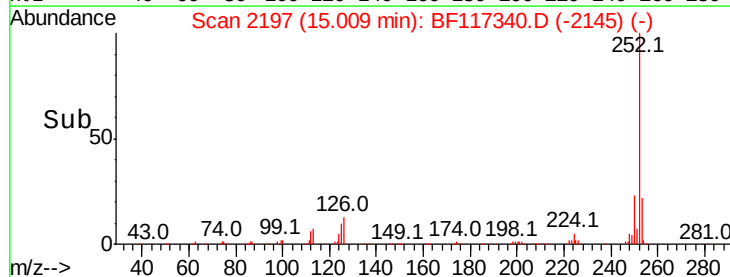
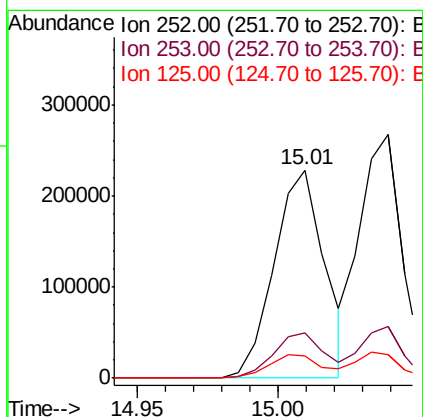
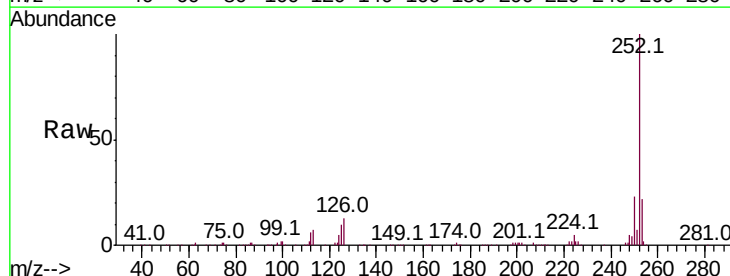
Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.6	26.4
265	21.5	16.6	24.8

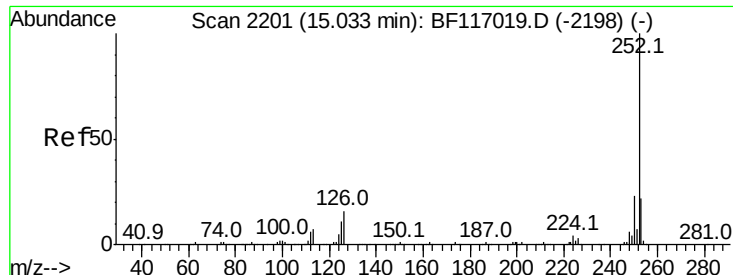


#88
Benzo(b)fluoranthene
Concen: 41.034 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Tgt Ion:252 Resp: 283056

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	10.4	8.6	12.8

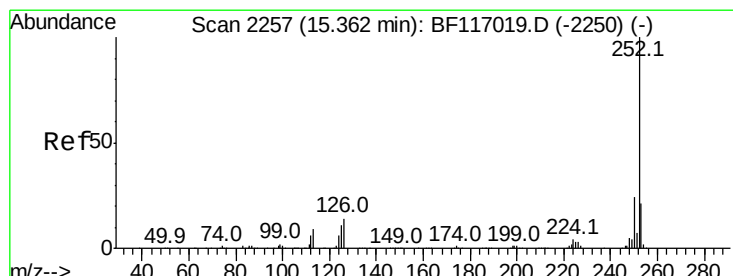
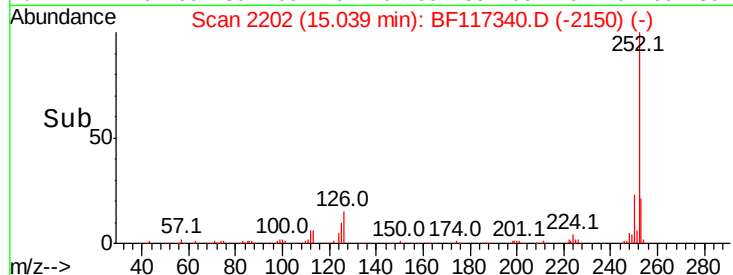
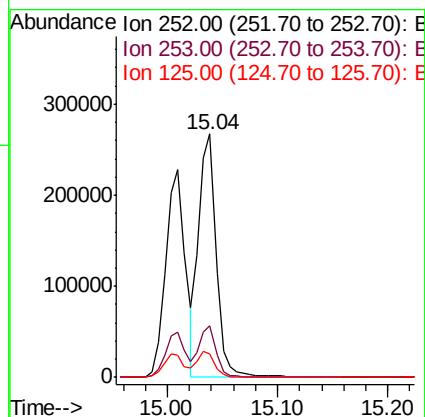
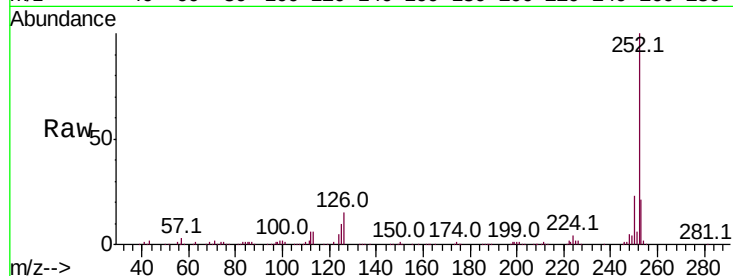




#89
Benzo(k)fluoranthene
Concen: 44.279 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

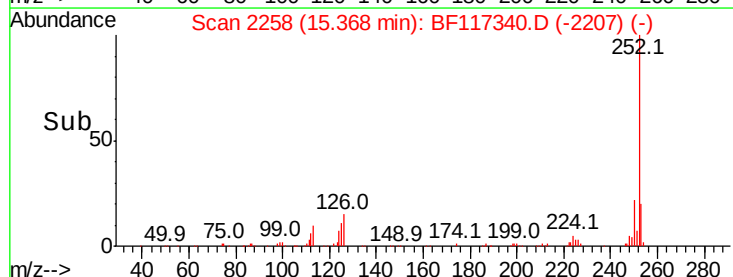
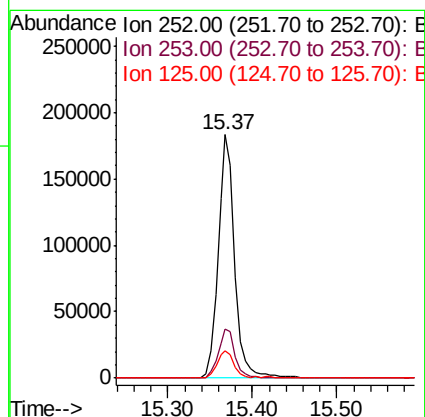
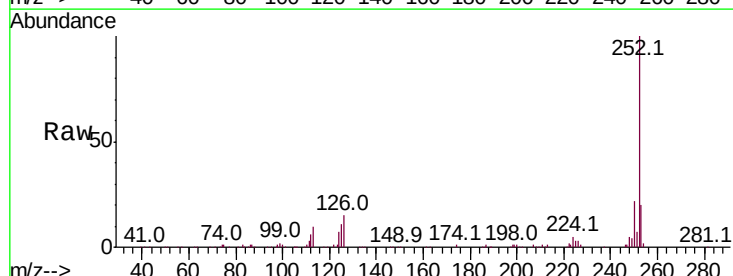
Instrument :
BNA_F
ClientSampleId :

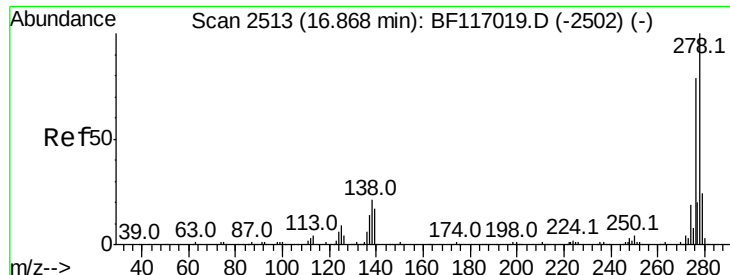
Tot Ion:252 Resp: 289338
Ion Ratio Lower Upper
252 100
253 21.3 17.4 26.2
125 9.9 8.8 13.2



#90
Benzo(a)pyrene
Concen: 41.431 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Tgt Ion:252 Resp: 250794
Ion Ratio Lower Upper
252 100
253 20.0 16.6 25.0
125 11.4 8.9 13.3



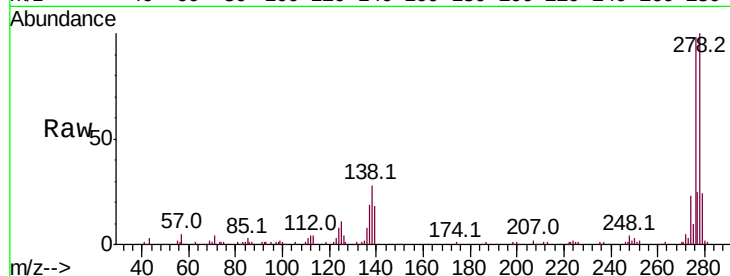


#91
Dibenzo(a,h)anthracene
Concen: 40.862 ng
RT: 16.89 min Scan# 2517
Delta R.T. 0.01 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

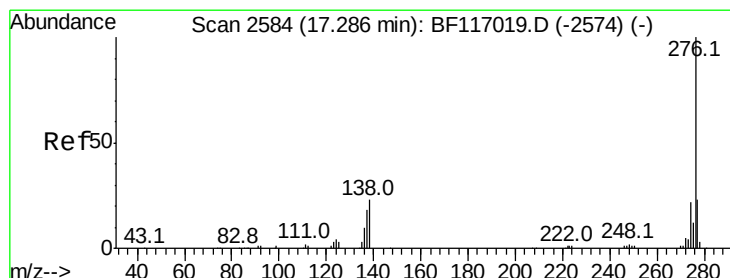
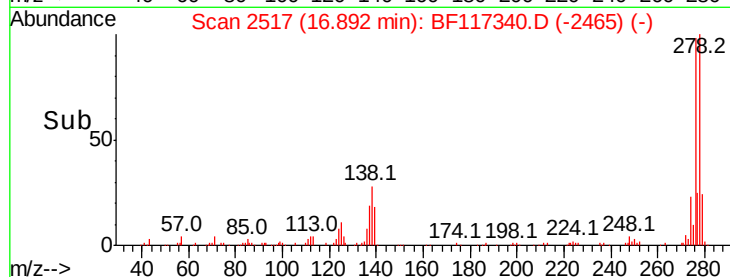
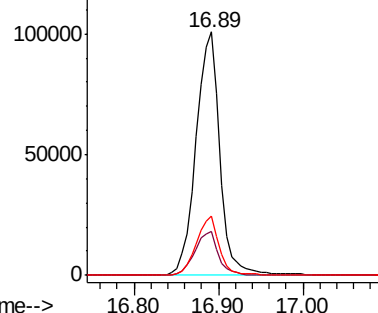
Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 197043

Ion	Ratio	Lower	Upper
278	100		
139	18.2	13.5	20.3
279	24.2	18.8	28.2



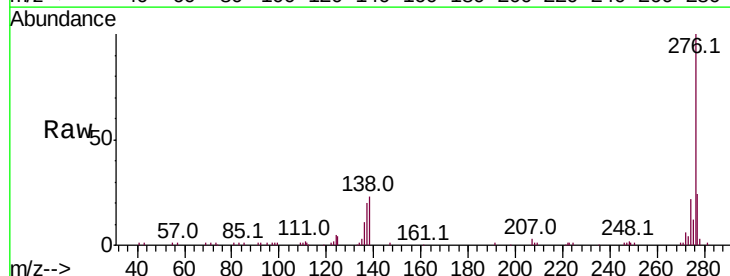
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 37.922 ng
RT: 17.32 min Scan# 2590
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Tgt Ion:276 Resp: 182224

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.6	27.8
138	23.4	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

