

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102219\
 Data File : BF117476.D
 Acq On : 22 Oct 2019 14:13
 Operator : JU
 Sample : PB124094BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB124094BS

Quant Time: Oct 22 14:48:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	50438	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	227790	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	125673	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	210733	20.00	ng	0.00
76) Chrysene-d12	13.90	240	144543	20.00	ng	0.00
87) Perylene-d12	15.33	264	81760	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	377932	111.47	ng	0.02
7) Phenol-d6	6.39	99	501126	110.05	ng	0.00
23) Nitrobenzene-d5	7.30	82	274976	59.59	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	122358	112.52	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	514071	57.64	ng	0.00
79) Terphenyl-d14	12.84	244	534296	60.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	47889	33.596	ng	97
3) Pyridine	3.25	79	108684	31.147	ng	96
4) n-Nitrosodimethylamine	3.18	42	49556	39.146	ng	96
6) Aniline	6.40	93	142465	26.649	ng	# 10
8) 2-Chlorophenol	6.53	128	152738	42.694	ng	96
9) Benzaldehyde	6.29	77	52560	20.482	ng	96
10) Phenol	6.40	94	190133	40.910	ng	89
11) bis(2-Chloroethyl)ether	6.47	93	140561	40.889	ng	99
12) 1,3-Dichlorobenzene	6.67	146	150964	37.814	ng	98
13) 1,4-Dichlorobenzene	6.75	146	154330	38.106	ng	96
14) 1,2-Dichlorobenzene	6.90	146	145543	38.125	ng	99
15) Benzyl Alcohol	6.89	79	139944	43.016	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.01	45	147616	39.806	ng	71
17) 2-Methylphenol	7.00	107	128164	43.549	ng	96
18) Hexachloroethane	7.24	117	59352	37.546	ng	93
19) n-Nitroso-di-n-propylamine	7.15	70	119441	42.950	ng	95
20) 3+4-Methylphenols	7.16	107	172763	44.774	ng	# 82
22) Acetophenone	7.15	105	228591	37.792	ng	96
24) Nitrobenzene	7.32	77	176213	39.873	ng	97
25) Isophorone	7.56	82	333064	41.726	ng	98
26) 2-Nitrophenol	7.64	139	81619	41.409	ng	99
27) 2,4-Dimethylphenol	7.68	122	137939	46.827	ng	98
28) bis(2-Chloroethoxy)methane	7.77	93	195044	39.600	ng	98
29) 2,4-Dichlorophenol	7.89	162	130107	42.110	ng	97
30) 1,2,4-Trichlorobenzene	7.96	180	126332	38.102	ng	98
31) Naphthalene	8.04	128	447958	39.675	ng	100
32) Benzoic acid	7.85	122	80868	40.081	ng	98
33) 4-Chloroaniline	8.09	127	126155	26.475	ng	98
34) Hexachlorobutadiene	8.15	225	70314	36.639	ng	96
35) Caprolactam	8.47	113	23540	23.717	ng	94
36) 4-Chloro-3-methylphenol	8.59	107	155113	44.020	ng	97
37) 2-Methylnaphthalene	8.73	142	313261	41.175	ng	98
38) 1-Methylnaphthalene	8.83	142	298658	41.776	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	121919	36.019	ng	99

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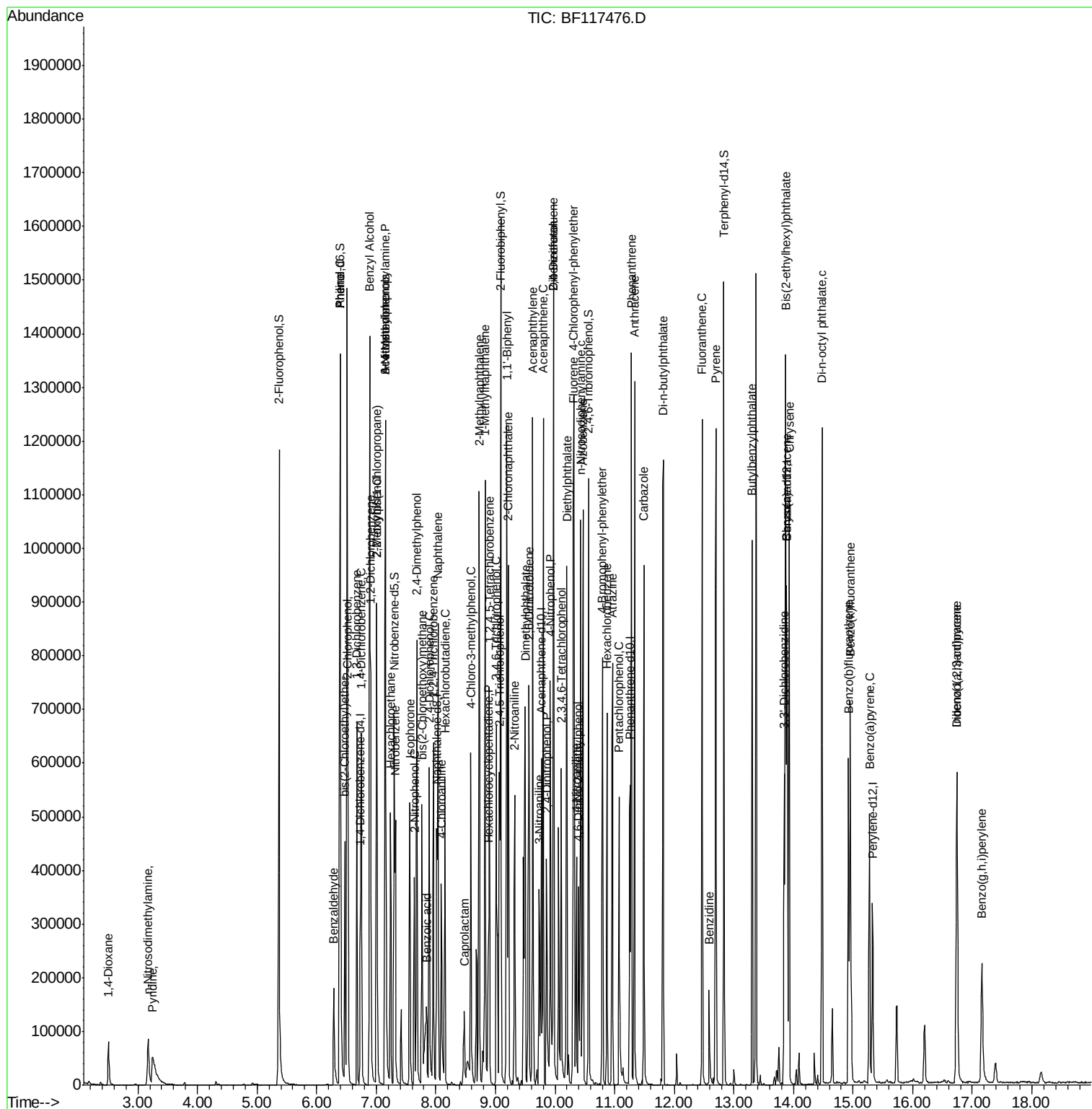
Instrument :
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 PB124094BS

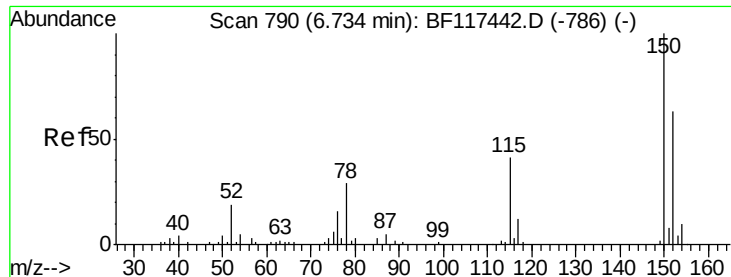
Quant Time: Oct 22 14:48:26 2019
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 QLast Update : Fri Oct 18 18:53:31 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	42962	55.658	ng	98
43) 2,4,6-Trichlorophenol	9.02	196	83626	39.452	ng	97
44) 2,4,5-Trichlorophenol	9.06	196	91090	42.408	ng	93
46) 1,1'-Biphenyl	9.19	154	379335	36.460	ng	99
47) 2-Chloronaphthalene	9.22	162	293862	37.461	ng	100
48) 2-Nitroaniline	9.32	65	98697	38.326	ng	91
49) Acenaphthylene	9.63	152	458533	39.796	ng	100
50) Dimethylphthalate	9.50	163	358579	40.024	ng	100
51) 2,6-Dinitrotoluene	9.56	165	79311	42.423	ng #	88
52) Acenaphthene	9.80	154	265855	37.608	ng	99
53) 3-Nitroaniline	9.73	138	62621	27.606	ng	99
54) 2,4-Dinitrophenol	9.86	184	58964	76.449	ng	98
55) Dibenzofuran	9.97	168	409612	39.994	ng	97
56) 4-Nitrophenol	9.92	139	87614	83.706	ng	95
57) 2,4-Dinitrotoluene	9.97	165	103616	41.686	ng	88
58) Fluorene	10.32	166	338567	39.974	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	72975	43.227	ng	98
60) Diethylphthalate	10.20	149	375012	41.384	ng	99
61) 4-Chlorophenyl-phenylether	10.31	204	150066	39.492	ng	93
62) 4-Nitroaniline	10.36	138	73061	34.171	ng	94
63) Azobenzene	10.47	77	387162	41.736	ng	98
65) 4,6-Dinitro-2-methylphenol	10.39	198	45257	42.240	ng	96
66) n-Nitrosodiphenylamine	10.43	169	299426	38.867	ng	99
67) 4-Bromophenyl-phenylether	10.80	248	87965	38.754	ng #	88
68) Hexachlorobenzene	10.87	284	89206	36.697	ng #	88
69) Atrazine	10.96	200	91511	46.687	ng	97
70) Pentachlorophenol	11.07	266	73961	101.493	ng	96
71) Phenanthrene	11.28	178	474615	38.787	ng	99
72) Anthracene	11.33	178	493164	39.279	ng	99
73) Carbazole	11.49	167	450283	39.244	ng	99
74) Di-n-butylphthalate	11.82	149	631326	41.179	ng	98
75) Fluoranthene	12.47	202	477183	38.955	ng	99
77) Benzidine	12.59	184	82815	16.263	ng	97
78) Pyrene	12.70	202	477157	38.432	ng	99
80) Butylbenzylphthalate	13.30	149	245321	39.707	ng	99
81) Benzo(a)anthracene	13.89	228	372793	38.235	ng	99
82) 3,3'-Dichlorobenzidine	13.84	252	105618	34.522	ng	98
83) Chrysene	13.93	228	365107	38.209	ng	99
84) Bis(2-ethylhexyl)phthalate	13.87	149	362642	41.902	ng #	95
85) Di-n-octyl phthalate	14.48	149	570415	42.868	ng	100
86) Indeno(1,2,3-cd)pyrene	16.74	276	232945	32.651	ng	99
88) Benzo(b)fluoranthene	14.92	252	297777	61.677	ng	98
89) Benzo(k)fluoranthene	14.95	252	257341	52.005	ng	99
90) Benzo(a)pyrene	15.27	252	232661	53.002	ng	97
91) Dibenzo(a,h)anthracene	16.74	278	196813	51.852	ng	96
92) Benzo(g,h,i)perylene	17.16	276	189347	52.723	ng	99

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

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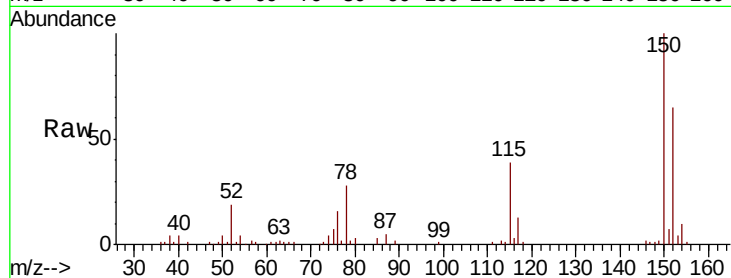


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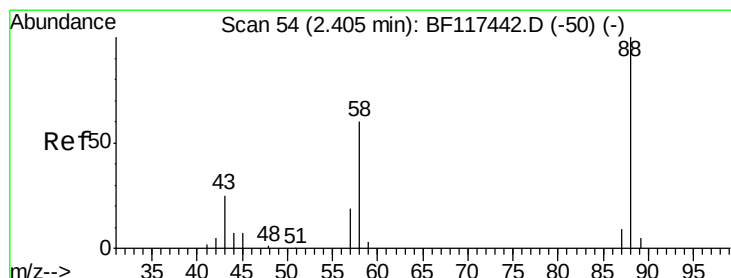
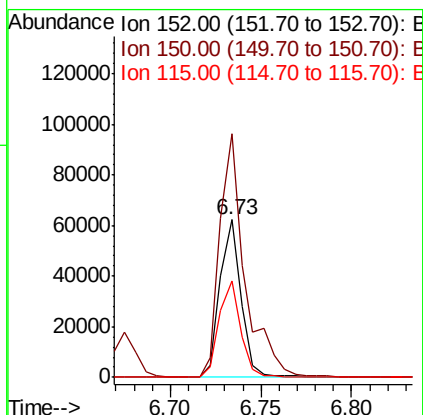
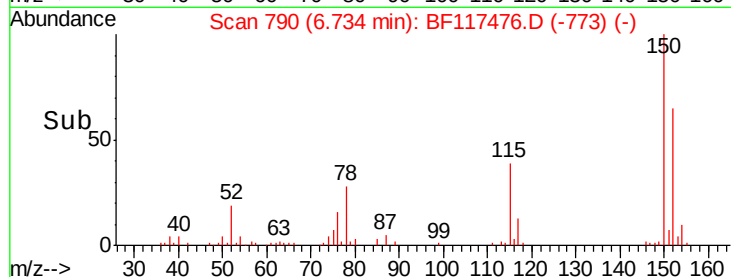
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Instrument :
BNA_F
ClientSampleId :
PB124094BS

Tot Ion:152 Resp: 50438
Ion Ratio Lower Upper
152 100
150 154.7 126.8 190.2
115 61.1 51.6 77.4



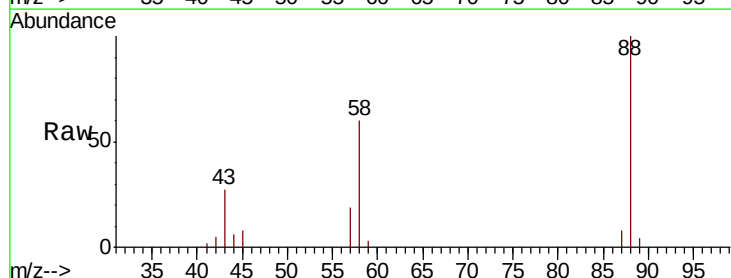
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



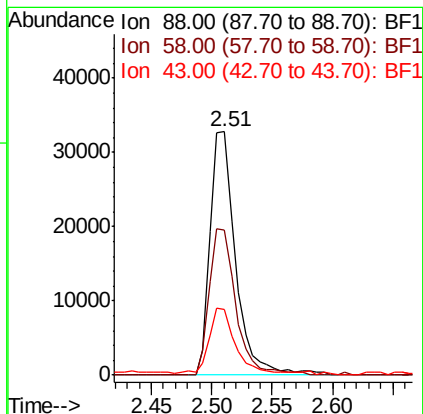
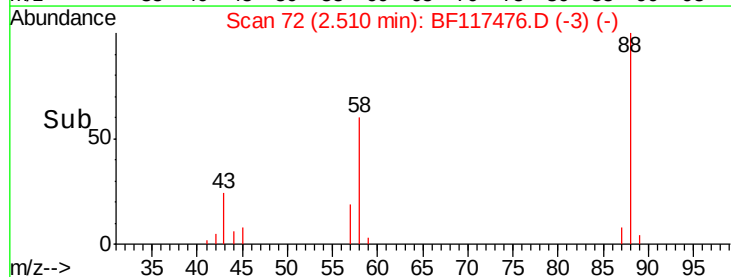
#2

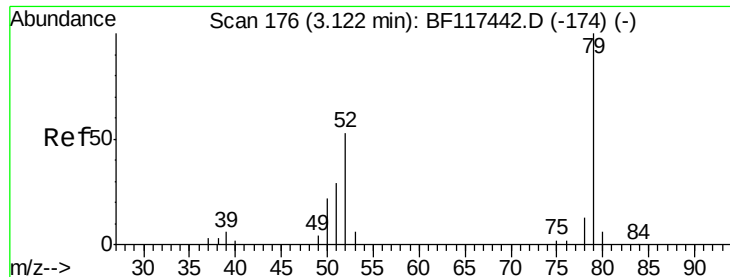
1,4-Dioxane
Concen: 33.596 ng
RT: 2.51 min Scan# 72
Delta R.T. 0.11 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Tgt Ion: 88 Resp: 47889
Ion Ratio Lower Upper
88 100
58 62.6 48.8 73.2
43 25.8 18.5 27.7



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: 31.147 ng

RT: 3.25 min Scan# 197

Delta R.T. 0.12 min

Lab File: BF117476.D

Acq: 22 Oct 2019 14:13

Instrument :

BNA_F

ClientSampleId :

PB124094BS

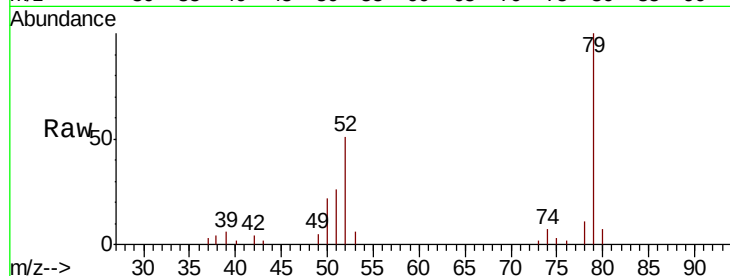
Tot Ion: 79 Resp: 108684

Ion Ratio Lower Upper

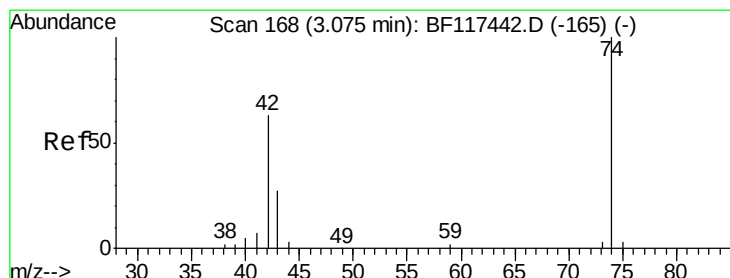
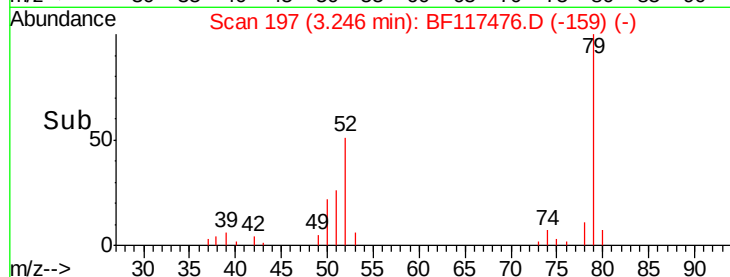
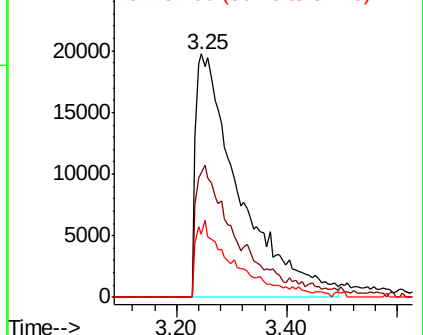
79 100

52 50.9 42.4 63.6

51 25.7 23.3 34.9



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: 39.146 ng

RT: 3.18 min Scan# 185

Delta R.T. 0.10 min

Lab File: BF117476.D

Acq: 22 Oct 2019 14:13

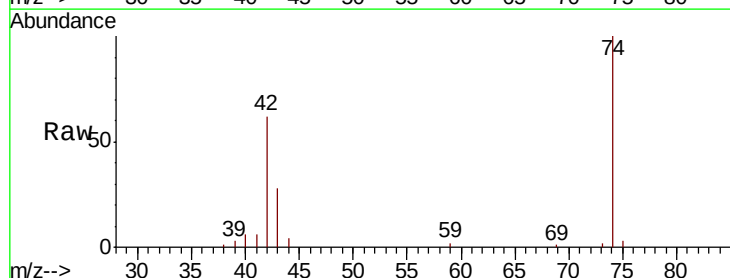
Tgt Ion: 42 Resp: 49556

Ion Ratio Lower Upper

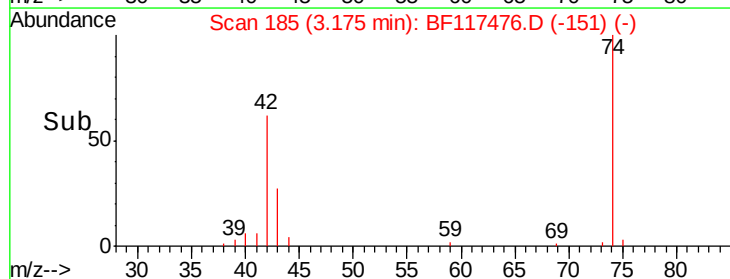
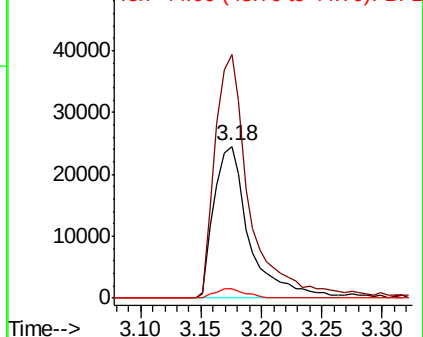
42 100

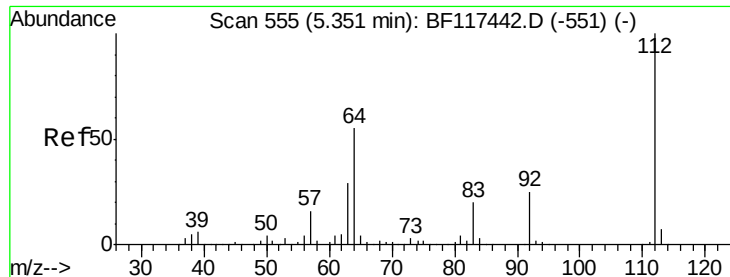
74 160.8 124.2 186.4

44 5.9 4.2 6.4



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

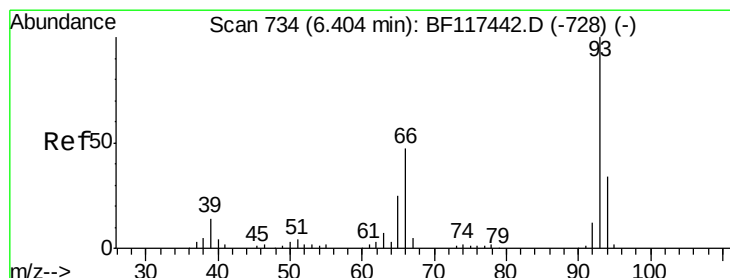
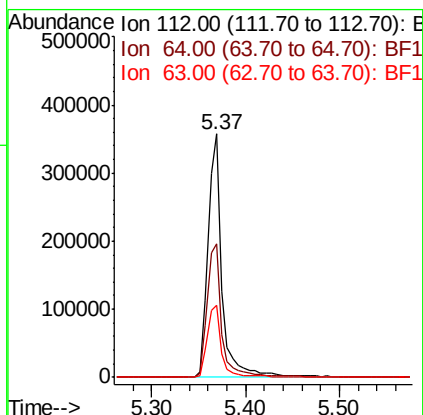
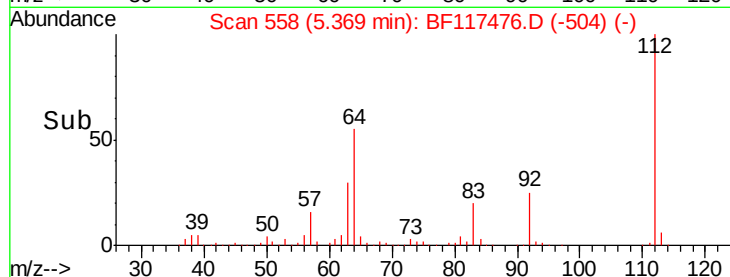
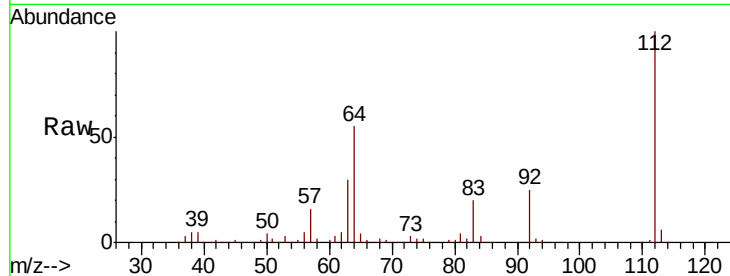




#5
2-Fluorophenol
Concen: 111.474 ng
RT: 5.37 min Scan# 558
Delta R.T. 0.02 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

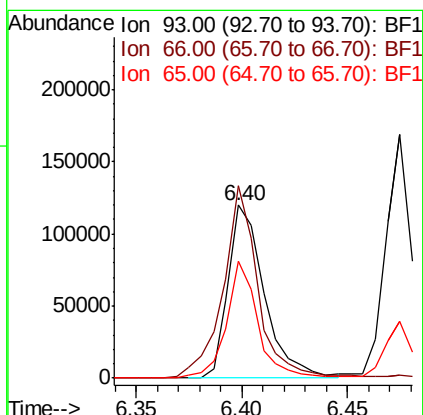
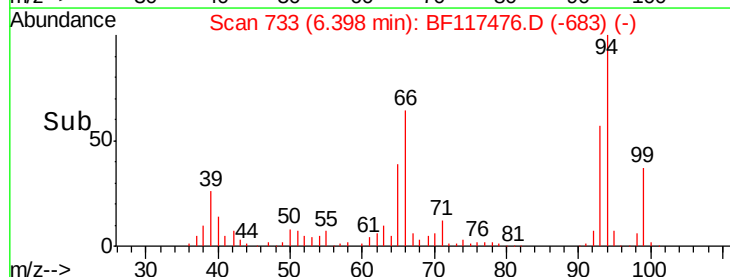
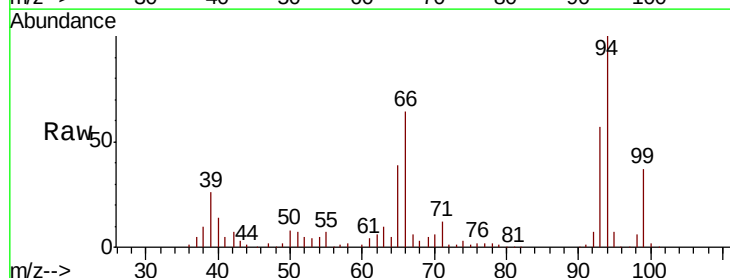
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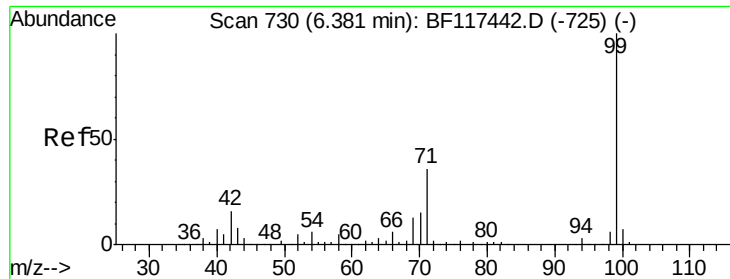
Tot Ion: 112 Resp: 377932
Ion Ratio Lower Upper
112 100
64 54.7 44.1 66.1
63 29.8 23.4 35.2



#6
Aniline
Concen: 26.649 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Tgt Ion: 93 Resp: 142465
Ion Ratio Lower Upper
93 100
66 111.7 38.7 58.1#
65 67.7 20.1 30.1#





#7

Phenol-d6

Concen: 110.051 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117476.D

Acq: 22 Oct 2019 14:13

Instrument :

BNA_F

ClientSampled :

PB124094BS

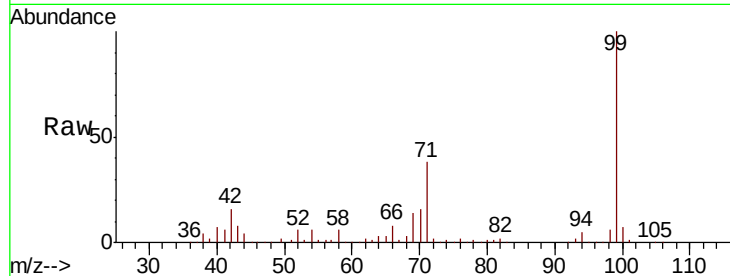
Tot Ion: 99 Resp: 501126

Ion Ratio Lower Upper

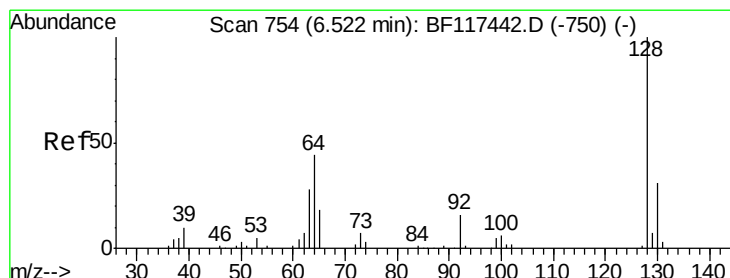
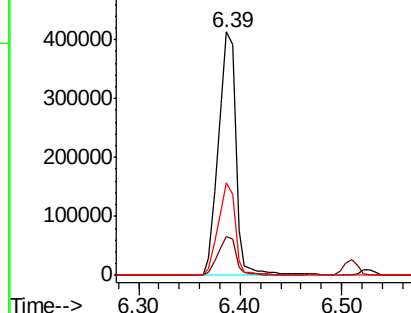
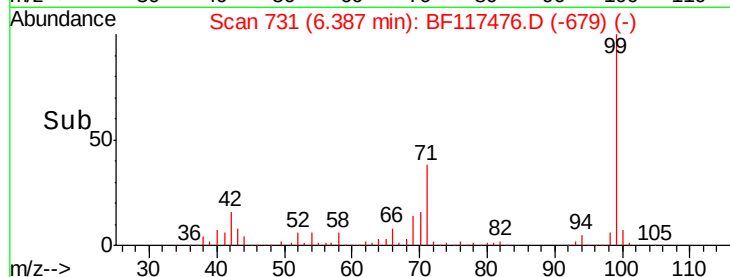
99 100

42 16.0 12.8 19.2

71 38.1 28.6 43.0



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: 42.694 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF117476.D

Acq: 22 Oct 2019 14:13

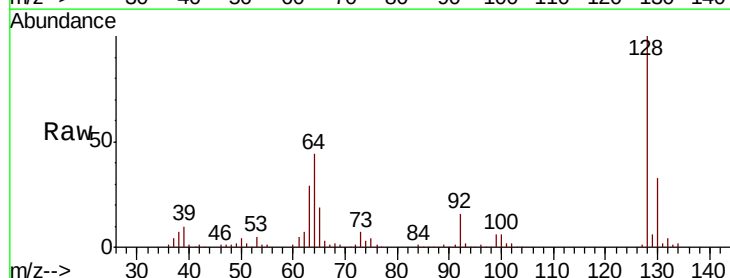
Tgt Ion: 128 Resp: 152738

Ion Ratio Lower Upper

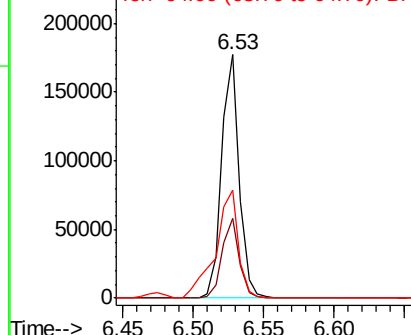
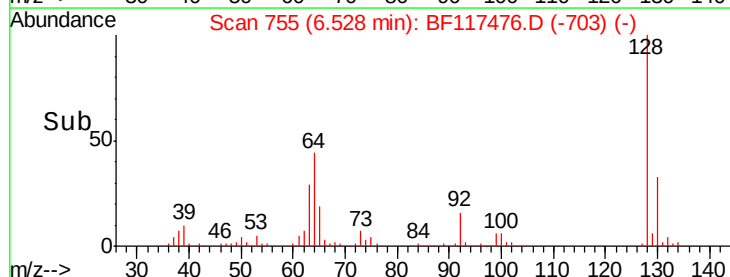
128 100

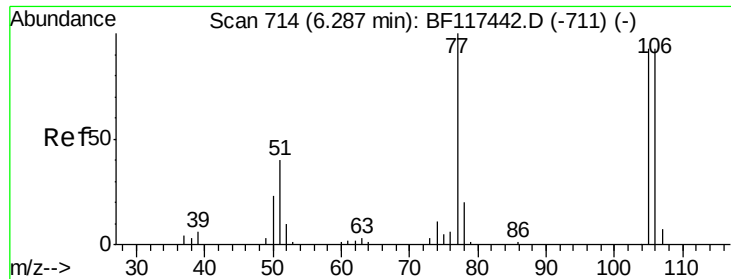
130 32.5 11.1 51.1

64 44.2 27.1 67.1



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: 20.482 ng

RT: 6.29 min Scan# 714

Delta R.T. 0.00 min

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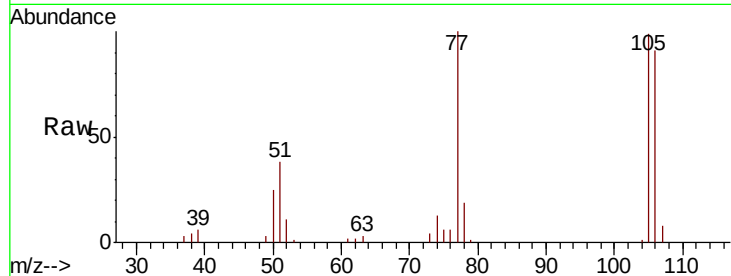
Tot Ion: 77 Resp: 52560

Ion Ratio Lower Upper

77 100

105 99.4 73.4 113.4

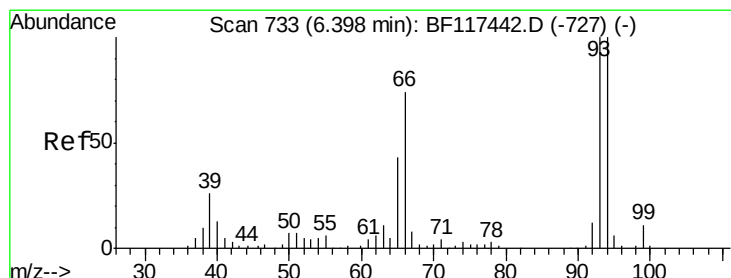
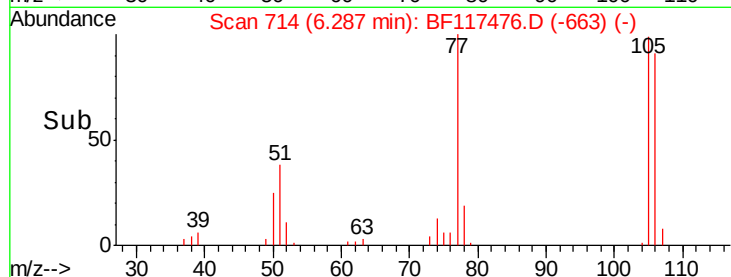
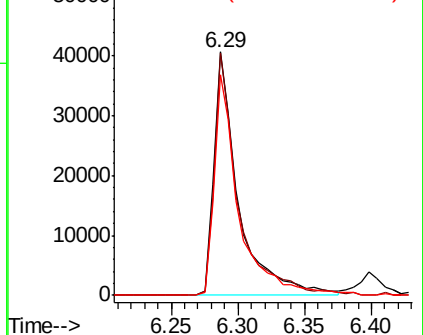
106 90.6 73.0 113.0



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: 40.910 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF117476.D

Acq: 22 Oct 2019 14:13

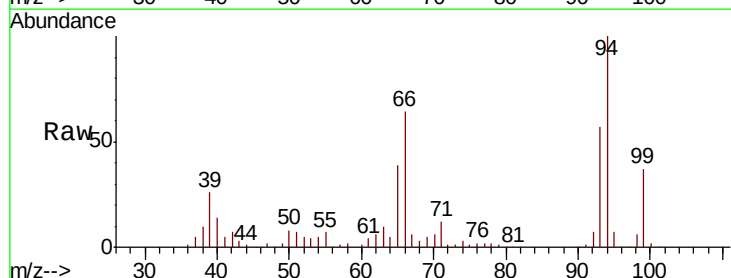
Tgt Ion: 94 Resp: 190133

Ion Ratio Lower Upper

94 100

65 38.7 23.4 63.4

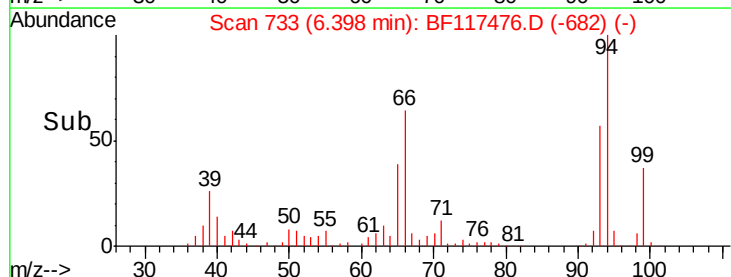
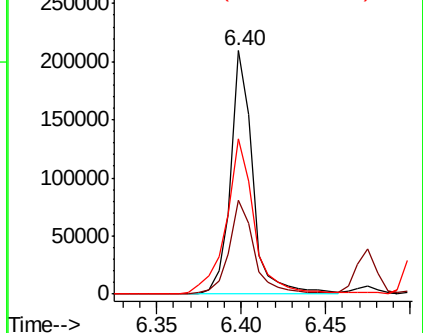
66 63.9 54.7 94.7

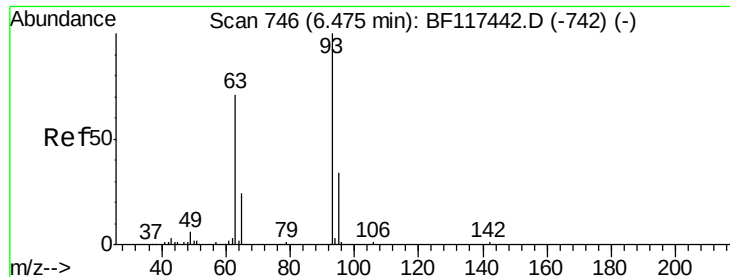


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

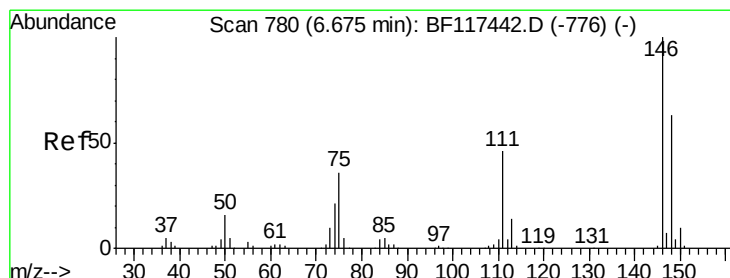
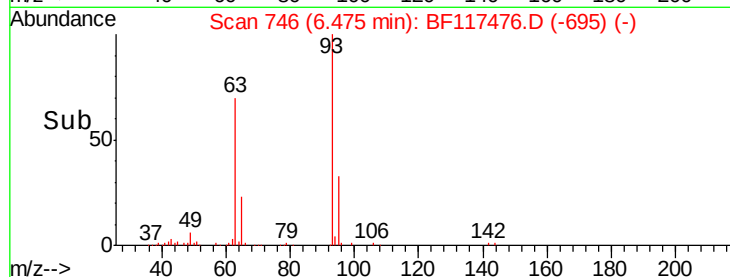
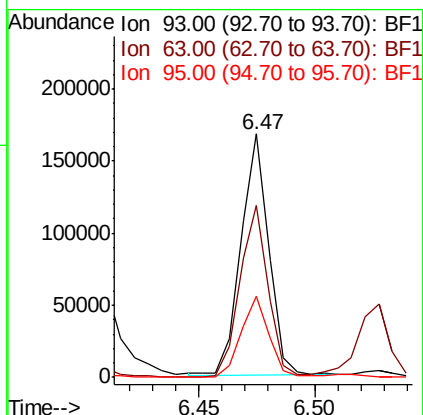
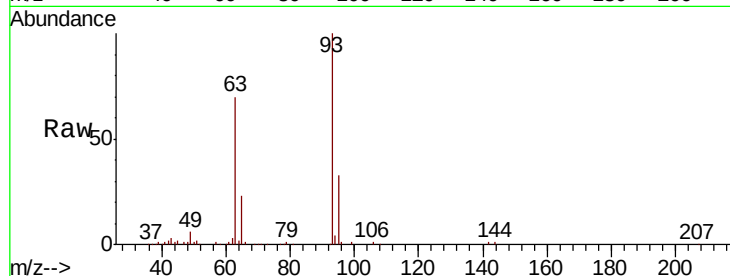




#11
bis(2-Chloroethyl)ether
Concen: 40.889 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

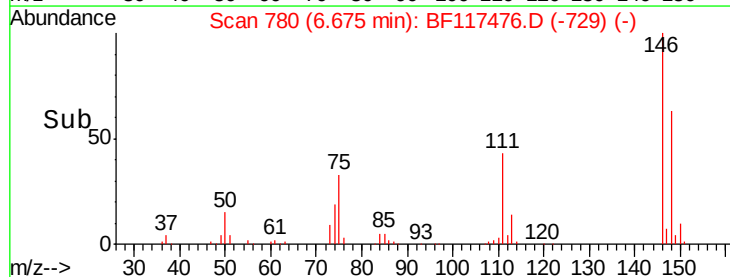
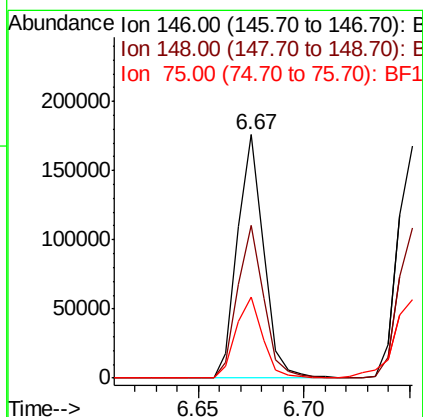
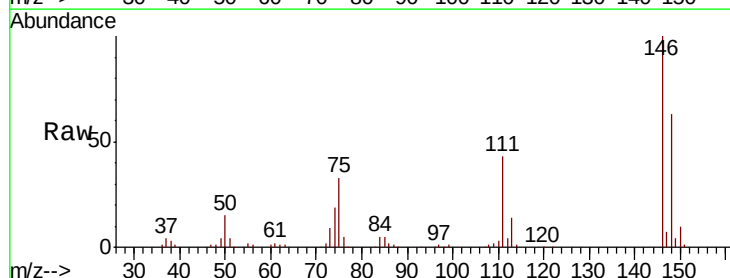
Instrument :
BNA_F
ClientSampleId :
PB124094BS

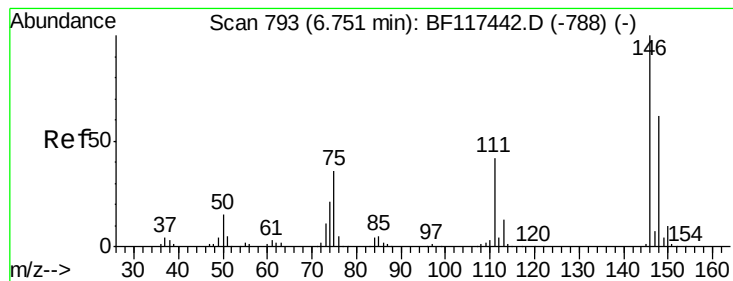
Tot Ion: 93 Resp: 140561
Ion Ratio Lower Upper
93 100
63 70.5 50.2 90.2
95 33.2 13.9 53.9



#12
1,3-Dichlorobenzene
Concen: 37.814 ng
RT: 6.67 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Tgt Ion: 146 Resp: 150964
Ion Ratio Lower Upper
146 100
148 62.8 50.6 75.8
75 33.3 28.6 43.0





#13

1,4-Dichlorobenzene

Concen: 38.106 ng

RT: 6.75 min Scan# 793

Delta R.T. 0.00 min

Lab File: BF117476.D

Acq: 22 Oct 2019 14:13

Instrument :

BNA_F

ClientSampleId :

PB124094BS

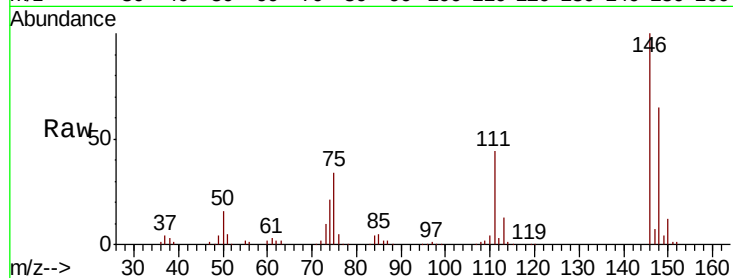
Tot Ion:146 Resp: 154330

Ion Ratio Lower Upper

146 100

148 64.8 49.3 73.9

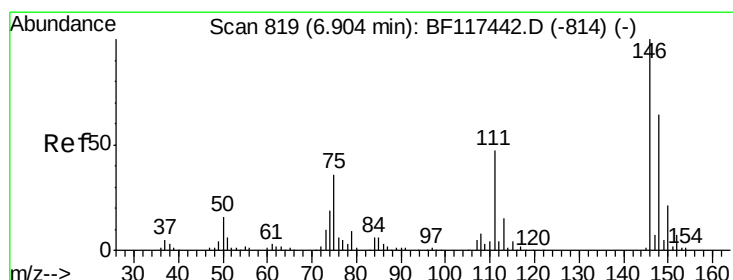
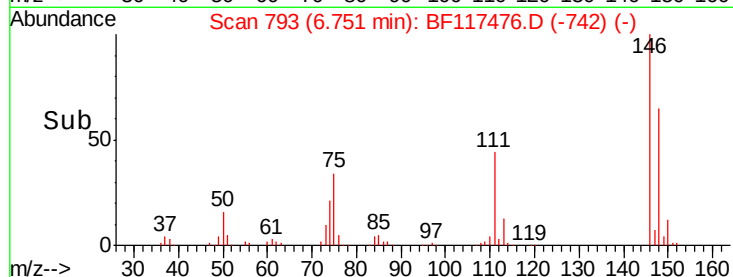
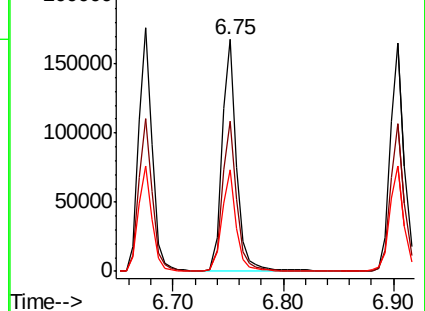
111 43.8 33.6 50.4



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: 38.125 ng

RT: 6.90 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF117476.D

Acq: 22 Oct 2019 14:13

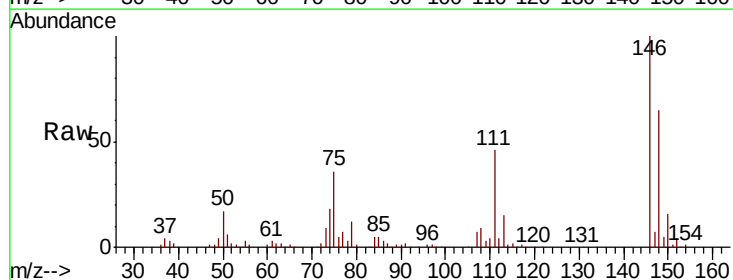
Tgt Ion:146 Resp: 145543

Ion Ratio Lower Upper

146 100

148 64.7 51.4 77.0

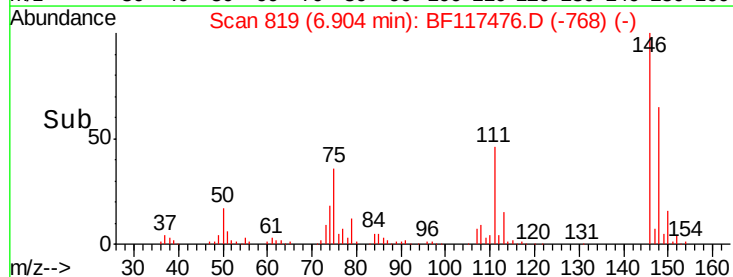
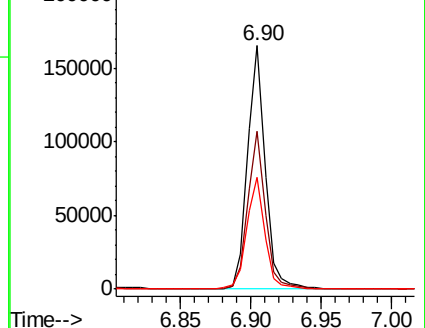
111 46.0 37.7 56.5

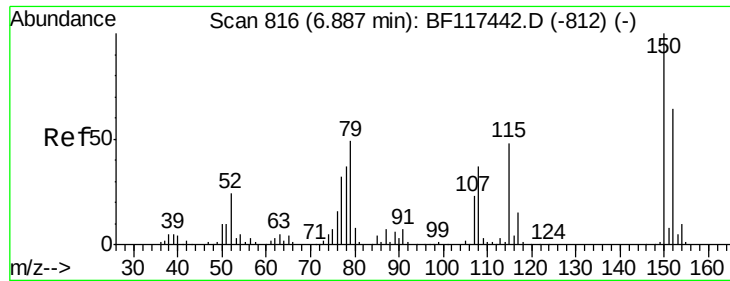


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

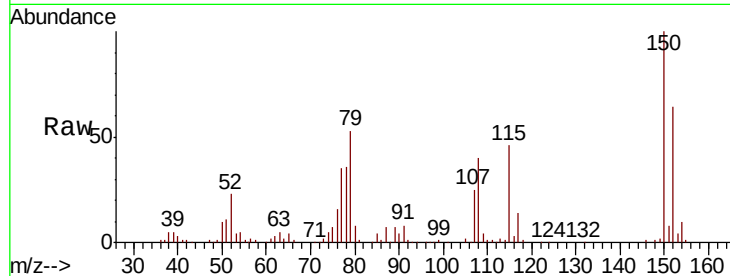




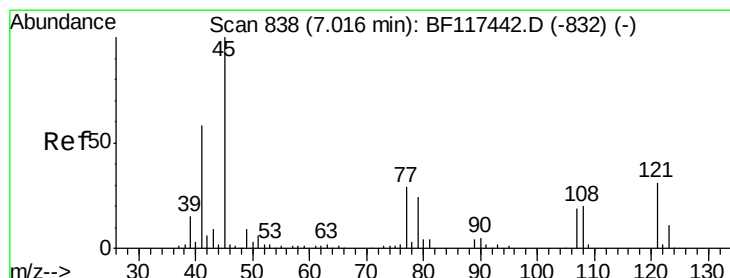
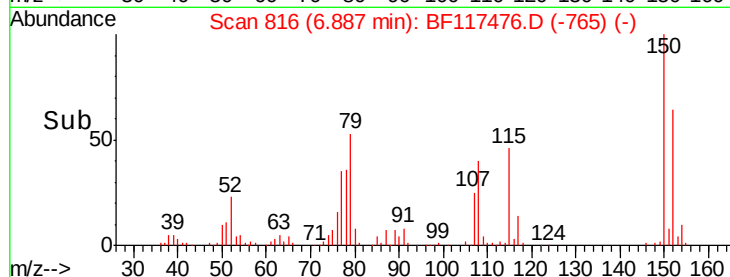
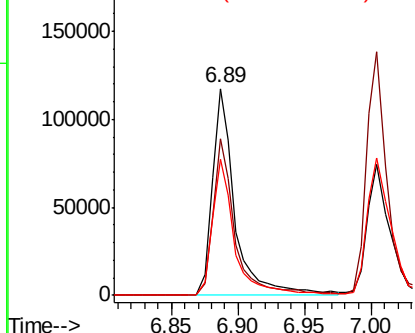
#15
Benzyl Alcohol
Concen: 43.016 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Instrument :
BNA_F
ClientSampleId :
PB124094BS

Tot Ion: 79 Resp: 139944
Ion Ratio Lower Upper
79 100
108 75.5 59.8 89.8
77 65.8 51.4 77.0

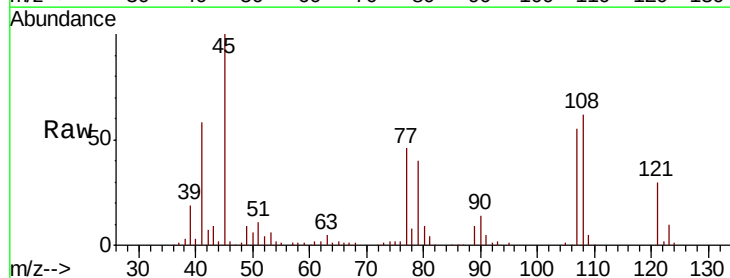


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

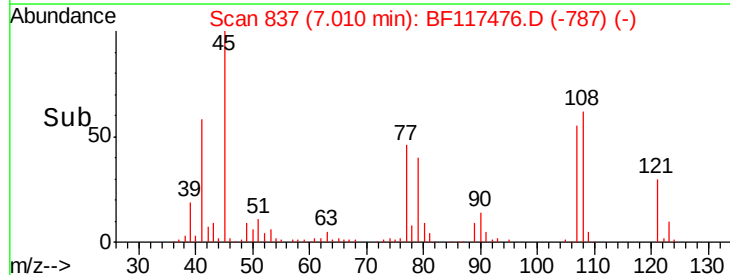
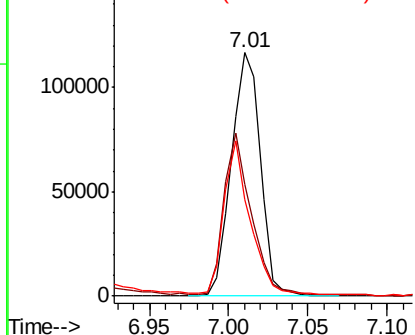


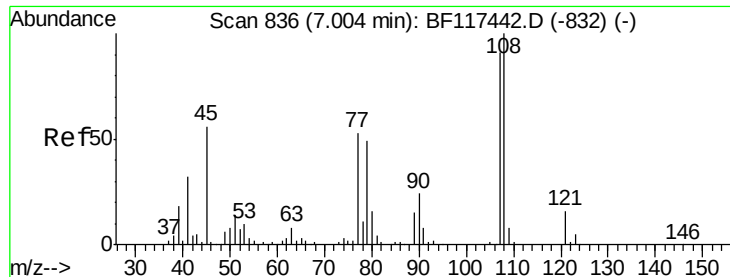
#16
2,2'-oxybis(1-chloropropane)
Concen: 39.806 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Tgt Ion: 45 Resp: 147616
Ion Ratio Lower Upper
45 100
77 45.9 9.9 49.9
79 39.6 5.5 45.5



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

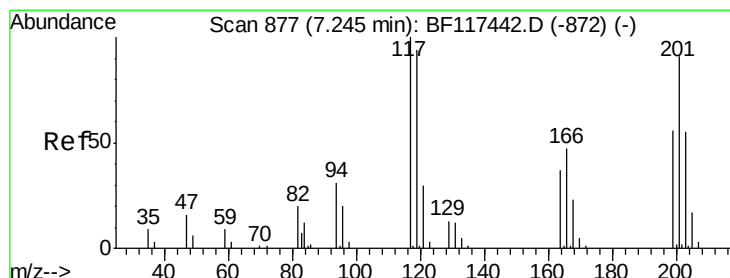
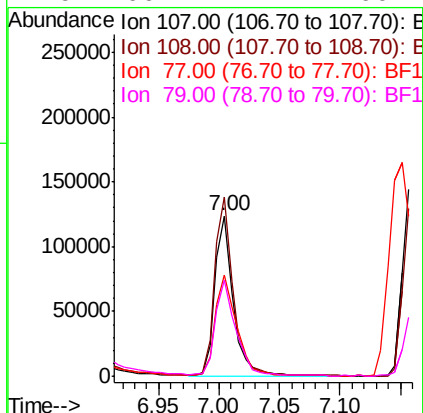
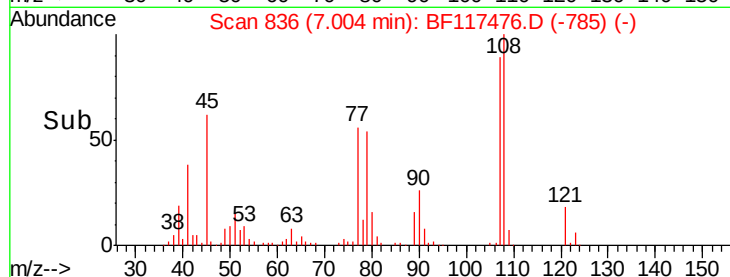
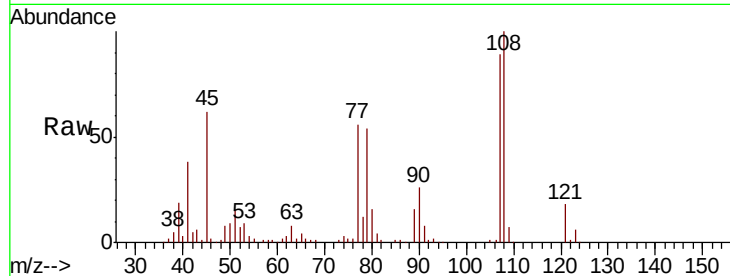




#17
2-Methylphenol
Concen: 43.549 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.00 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

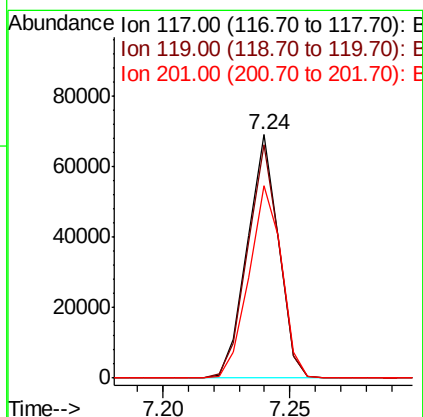
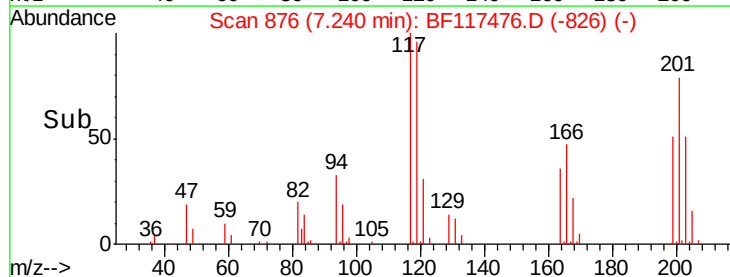
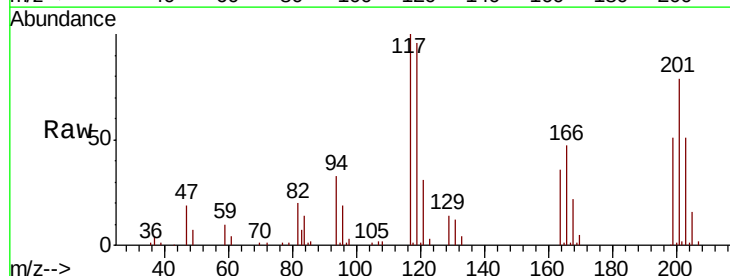
Instrument :
BNA_F
ClientSampleID :
PB124094BS

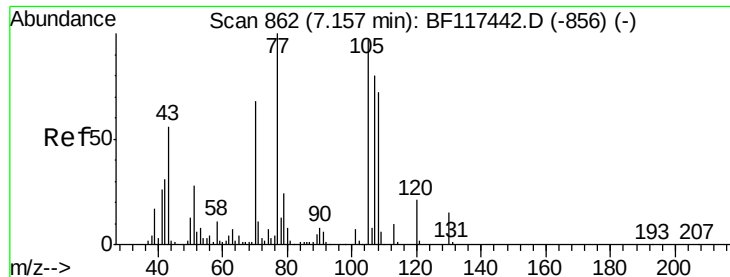
Tot Ion:	107	Resp:	128164
Ion	Ratio	Lower	Upper
107	100		
108	112.0	88.0	132.0
77	63.0	47.2	70.8
79	60.1	44.1	66.1



#18
Hexachloroethane
Concen: 37.546 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Tgt Ion:	117	Resp:	59352
Ion	Ratio	Lower	Upper
117	100		
119	95.7	75.4	113.0
201	78.8	72.5	108.7

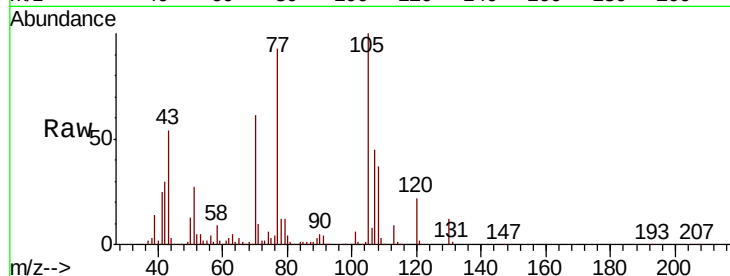




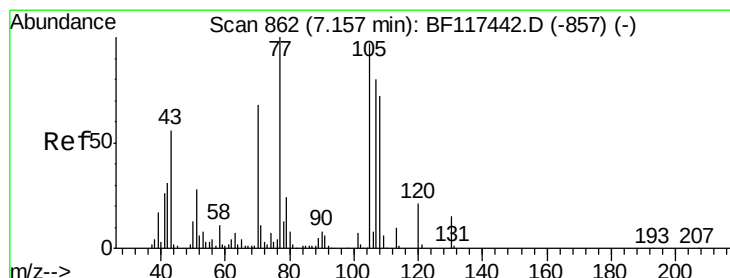
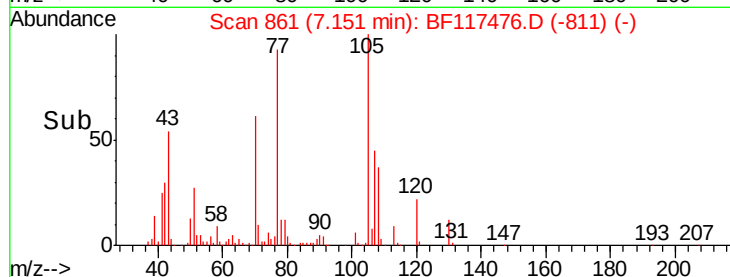
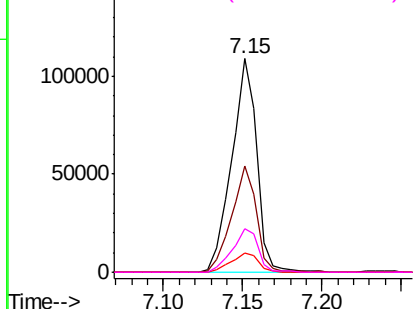
#19
n-Nitroso-di-n-propylamine
Concen: 42.950 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Instrument :
BNA_F
ClientSampleId :
PB124094BS

Tot Ion: 70 Resp: 119441
Ion Ratio Lower Upper
70 100
42 49.5 36.7 55.1
101 9.1 8.3 12.5
130 20.4 18.1 27.1

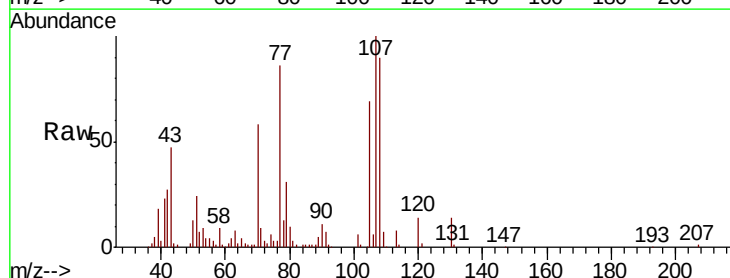


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

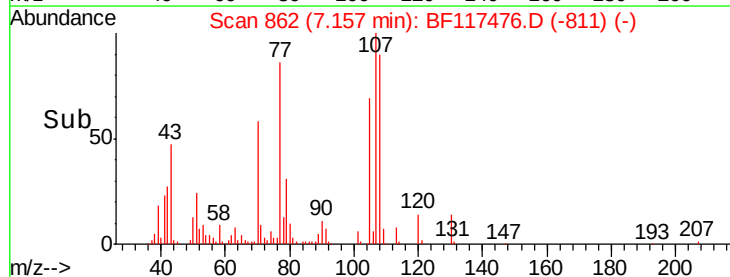
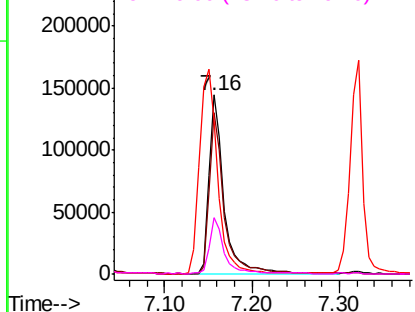


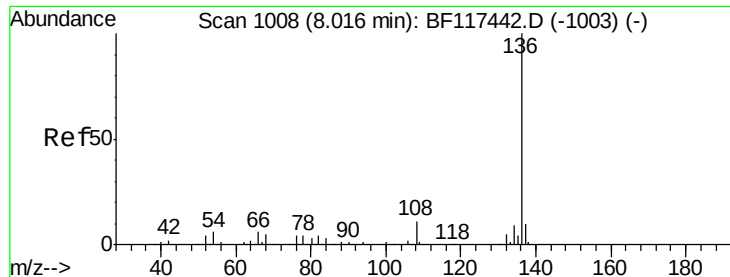
#20
3+4-Methylphenols
Concen: 44.774 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.00 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Tgt Ion:107 Resp: 172763
Ion Ratio Lower Upper
107 100
108 90.1 70.3 110.3
77 85.7 104.8 144.8#
79 31.3 10.0 50.0



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BF117476.D

Acq: 22 Oct 2019 14:13

Instrument :

BNA_F

ClientSampleId :

PB124094BS

Tot Ion:136 Resp: 227790

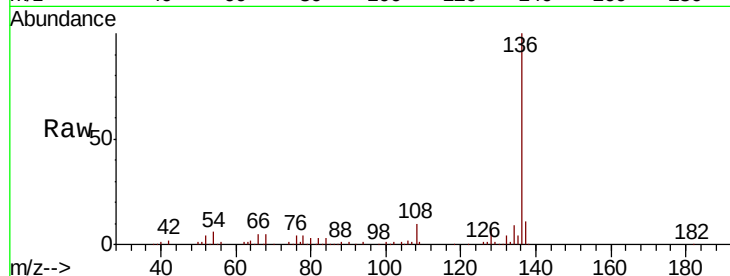
Ion Ratio Lower Upper

136 100

137 10.6 8.2 12.4

54 5.5 4.5 6.7

68 4.6 4.3 6.5

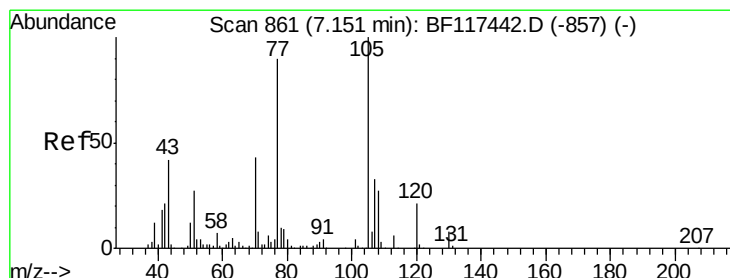
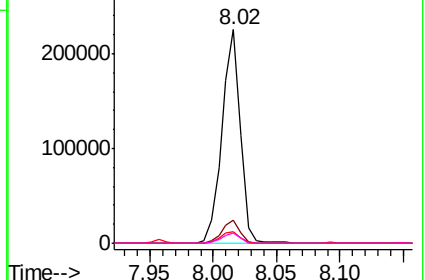
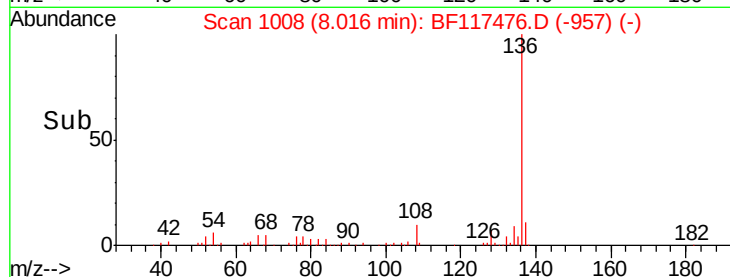


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.792 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF117476.D

Acq: 22 Oct 2019 14:13

Tgt Ion:105 Resp: 228591

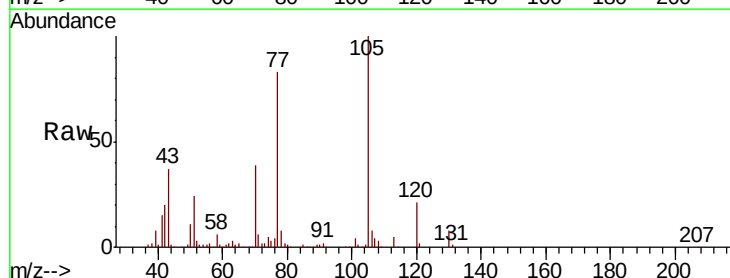
Ion Ratio Lower Upper

105 100

71 6.3 6.2 9.2

51 23.9 21.8 32.6

120 20.5 16.7 25.1

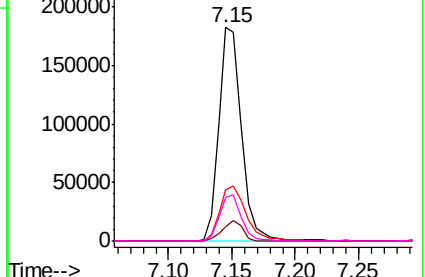
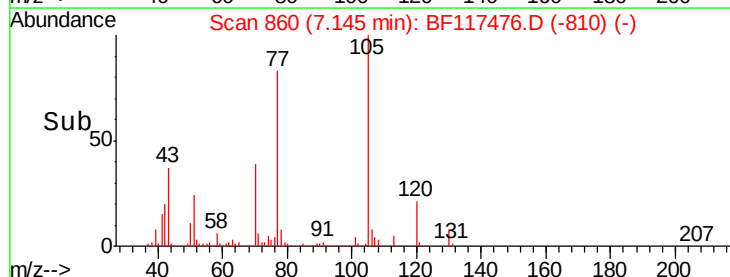


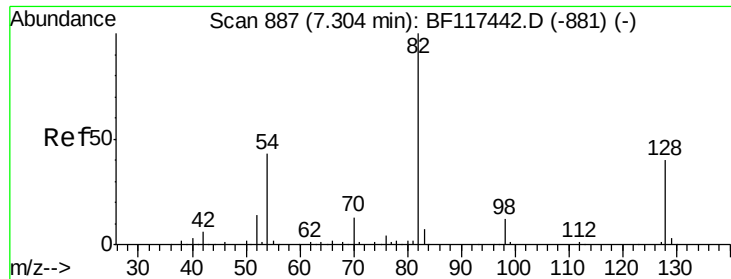
Abundance Ion 105.00 (104.70 to 105.70): E

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

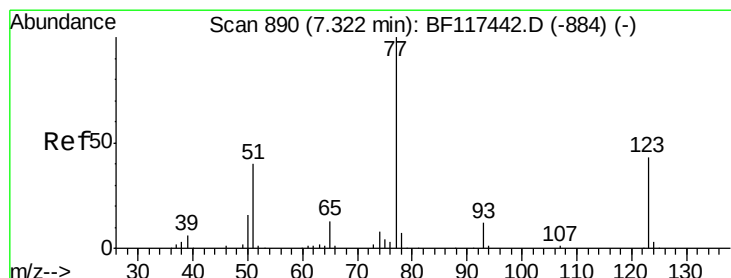
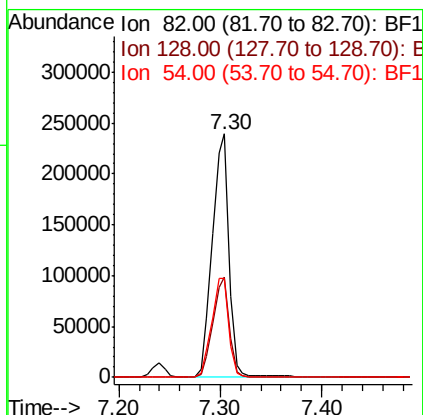
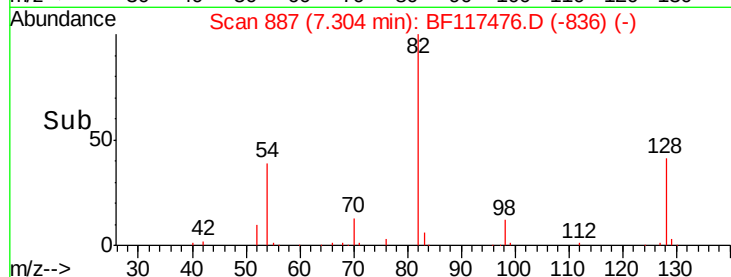
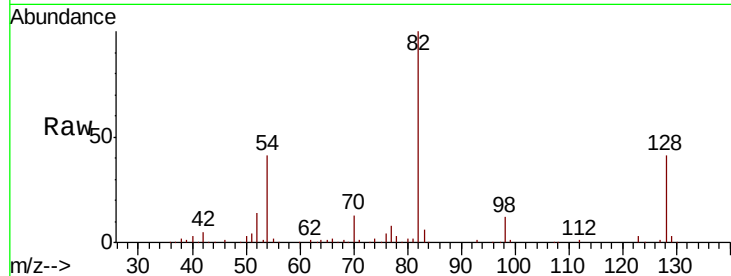




#23
Nitrobenzene-d5
Concen: 59.594 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

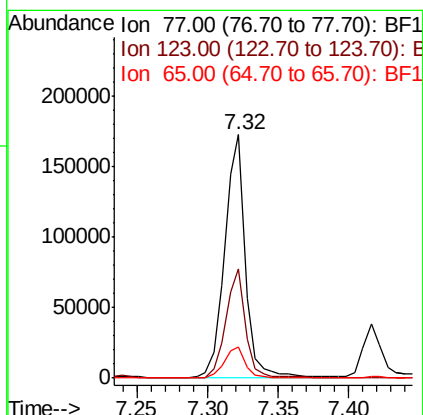
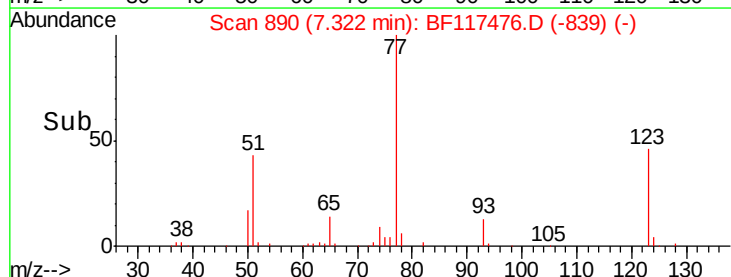
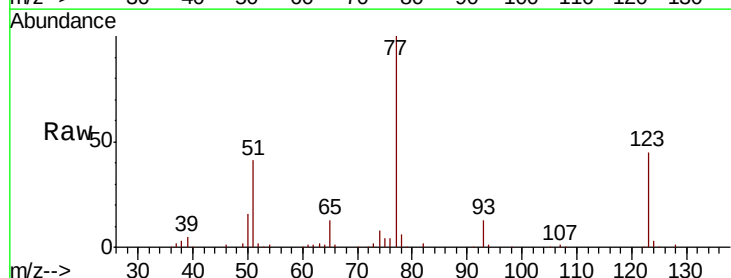
Instrument :
BNA_F
ClientSampleId :
PB124094BS

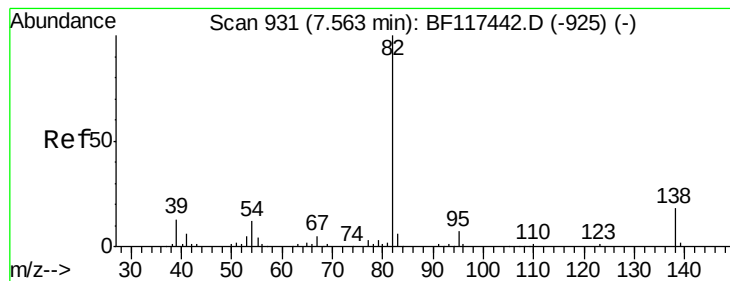
Tot Ion: 82 Resp: 274976
Ion Ratio Lower Upper
82 100
128 41.2 32.2 48.2
54 40.7 34.2 51.2



#24
Nitrobenzene
Concen: 39.873 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Tgt Ion: 77 Resp: 176213
Ion Ratio Lower Upper
77 100
123 44.8 34.2 51.2
65 13.0 10.3 15.5





#25

Isophorone

Concen: 41.726 ng

RT: 7.56 min Scan# 931

Delta R.T. 0.00 min

Lab File: BF117476.D

Acq: 22 Oct 2019 14:13

Instrument :

BNA_F

ClientSampleId :

PB124094BS

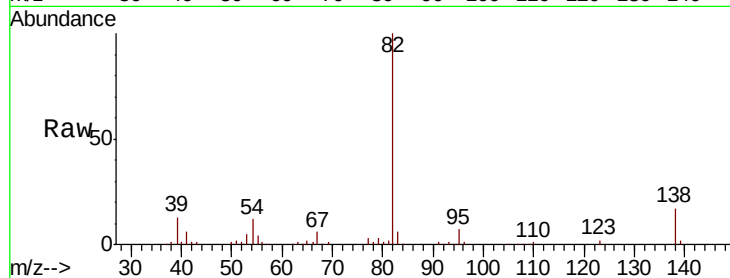
Tot Ion: 82 Resp: 333064

Ion Ratio Lower Upper

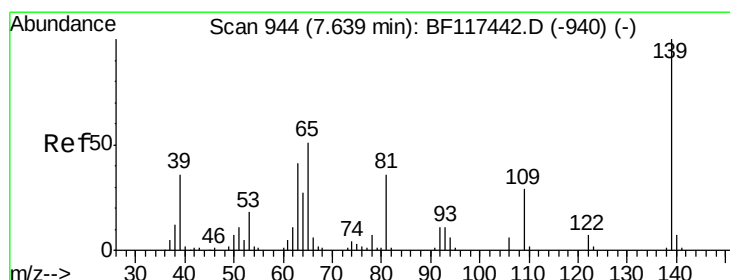
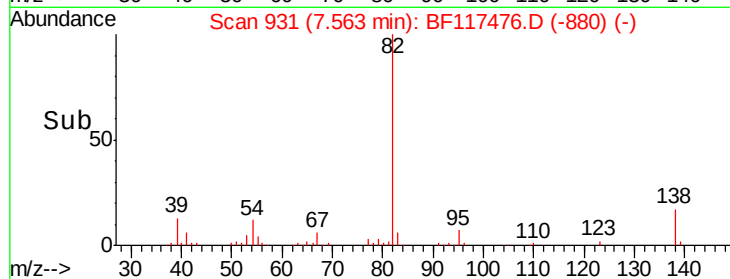
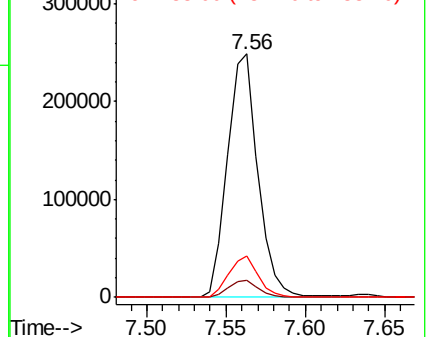
82 100

95 7.2 5.4 8.0

138 17.0 14.2 21.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 41.409 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF117476.D

Acq: 22 Oct 2019 14:13

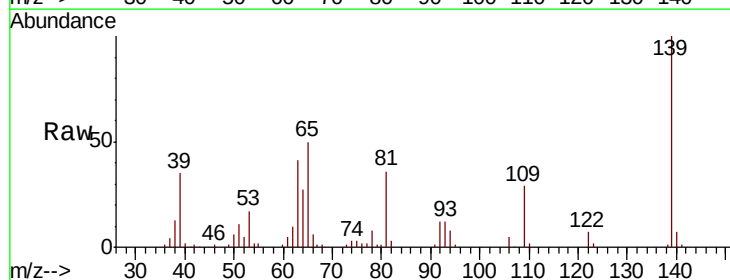
Tgt Ion: 139 Resp: 81619

Ion Ratio Lower Upper

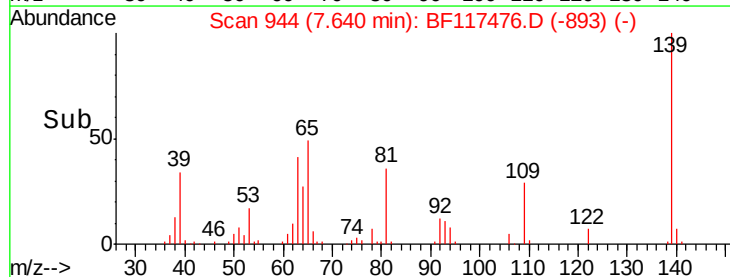
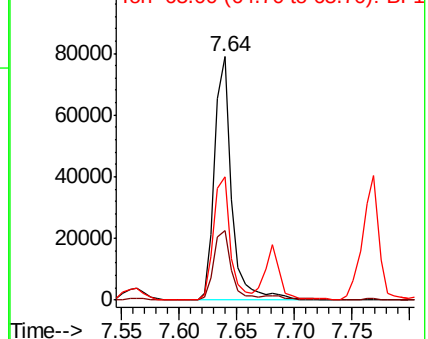
139 100

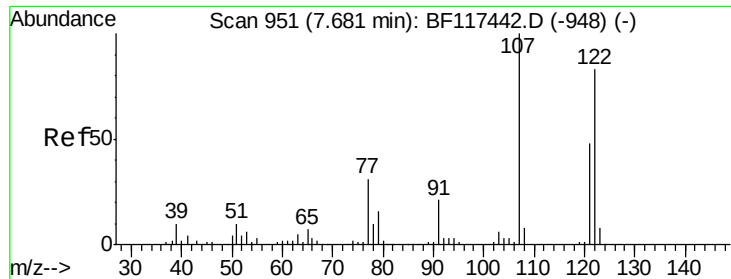
109 28.8 23.2 34.8

65 50.5 41.1 61.7



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 46.827 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF117476.D

Acq: 22 Oct 2019 14:13

Instrument :

BNA_F

ClientSampleId :

PB124094BS

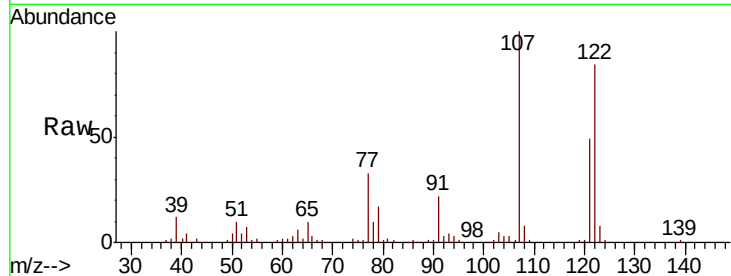
Tot Ion:122 Resp: 137939

Ion Ratio Lower Upper

122 100

107 118.5 96.8 145.2

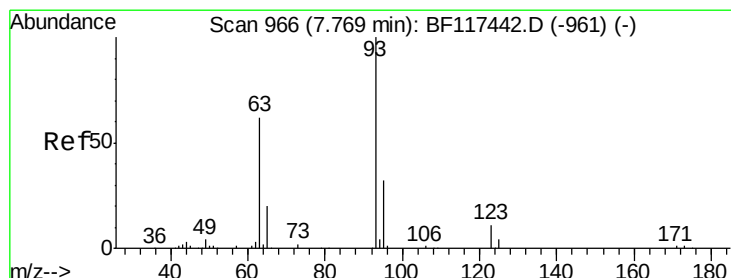
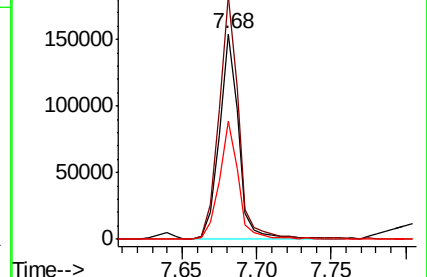
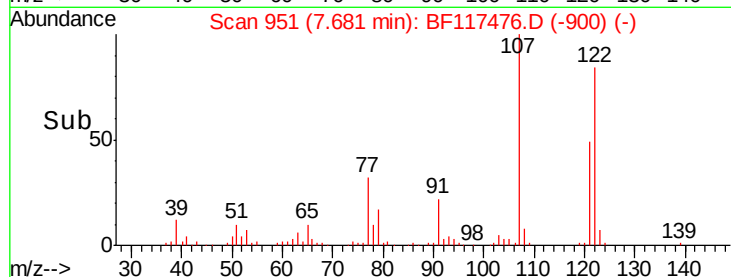
121 57.7 46.4 69.6



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: 39.600 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF117476.D

Acq: 22 Oct 2019 14:13

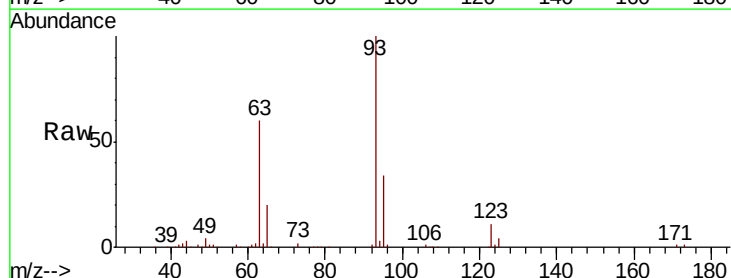
Tgt Ion: 93 Resp: 195044

Ion Ratio Lower Upper

93 100

95 33.6 25.5 38.3

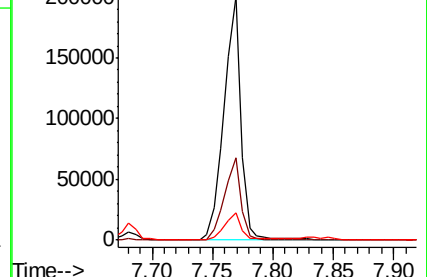
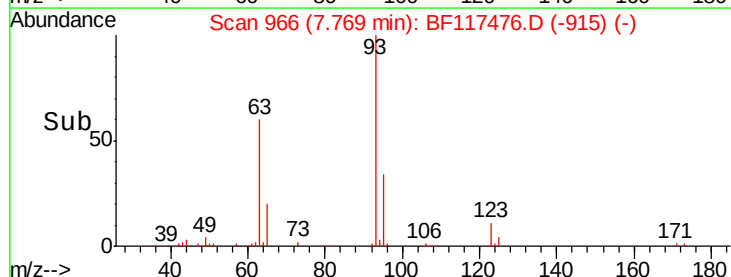
123 11.2 9.0 13.6

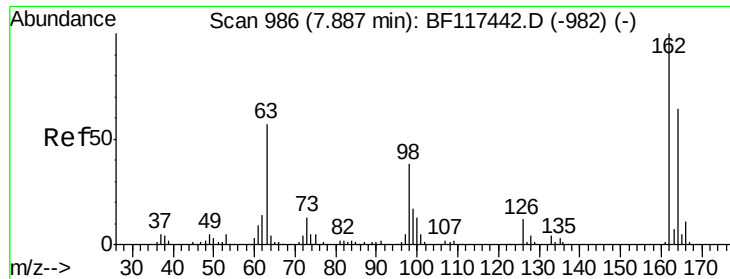


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

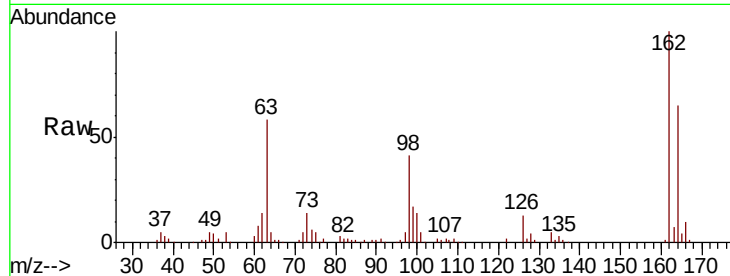




#29
 2,4-Dichlorophenol
 Concen: 42.110 ng
 RT: 7.89 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: BF117476.D
 Acq: 22 Oct 2019 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB124094BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.4	44.4	84.4
98	41.0	18.2	58.2

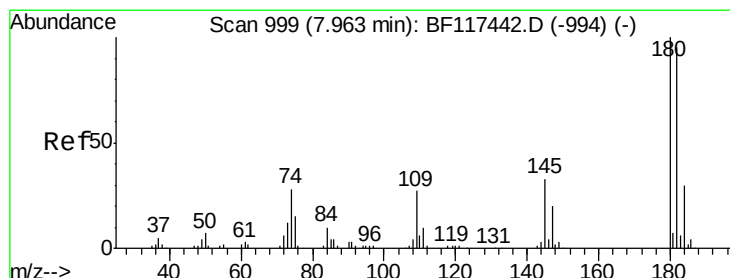
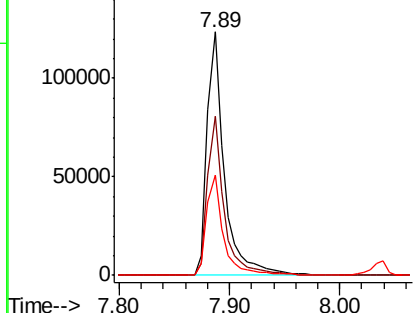
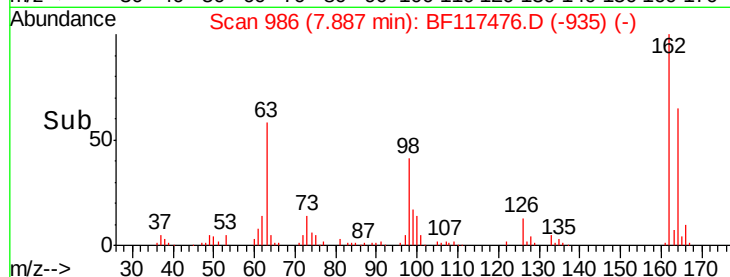


Abundance

Ion 162.00 (161.70 to 162.70): E

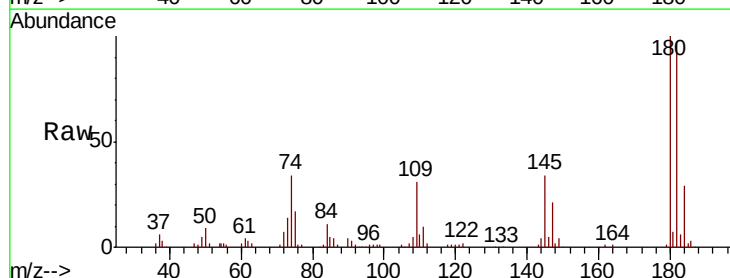
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 38.102 ng
 RT: 7.96 min Scan# 998
 Delta R.T. -0.01 min
 Lab File: BF117476.D
 Acq: 22 Oct 2019 14:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	75.8	113.8
145	33.8	26.5	39.7

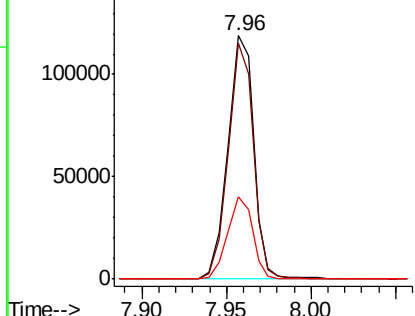
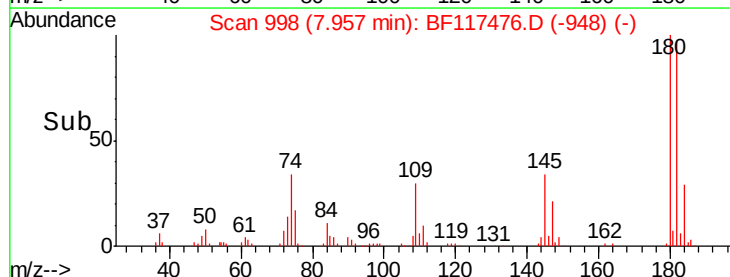


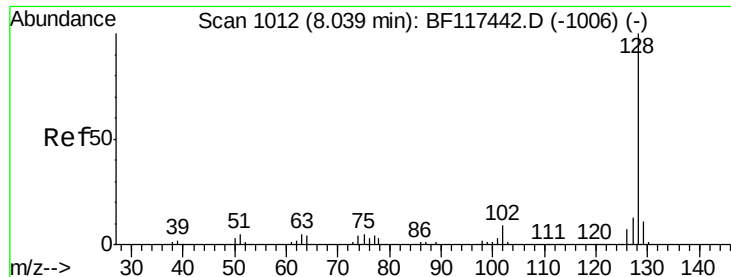
Abundance

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

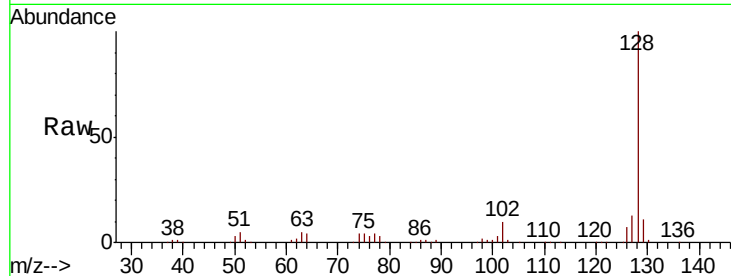




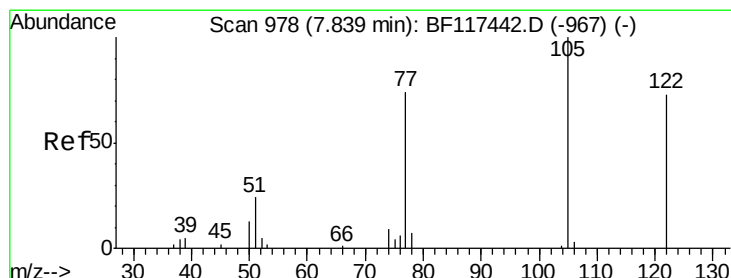
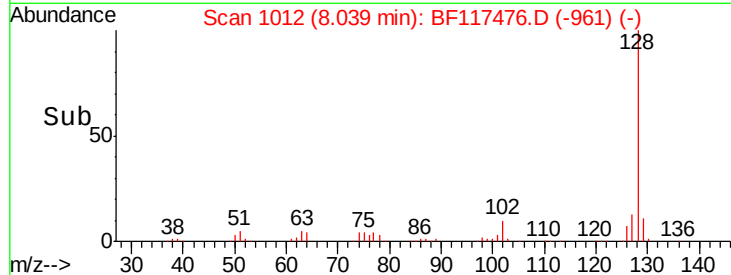
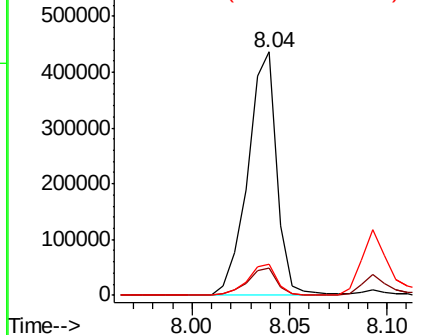
#31
Naphthalene
Concen: 39.675 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Instrument :
BNA_F
ClientSampleId :
PB124094BS

Tot Ion:128 Resp: 447958
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 12.7 10.2 15.2

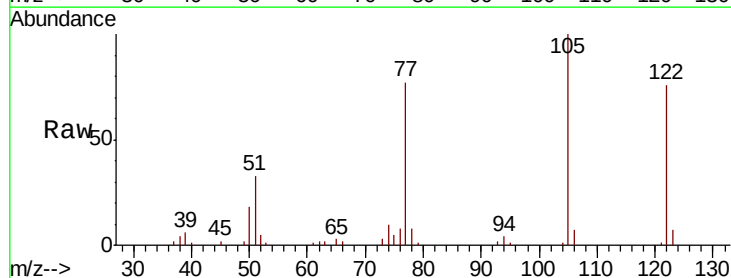


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

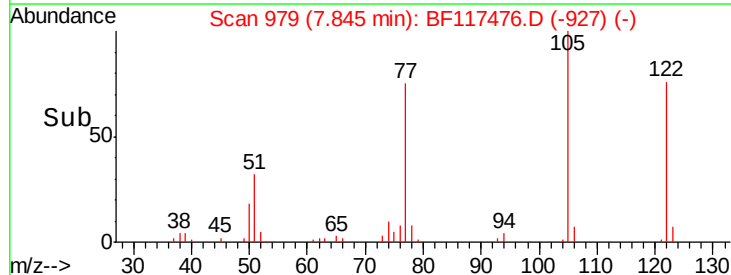
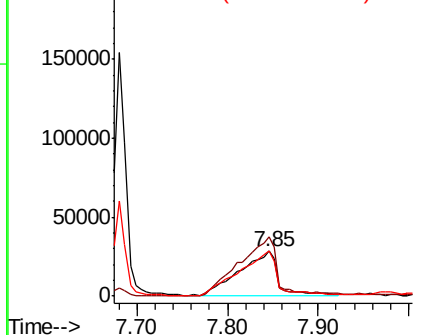


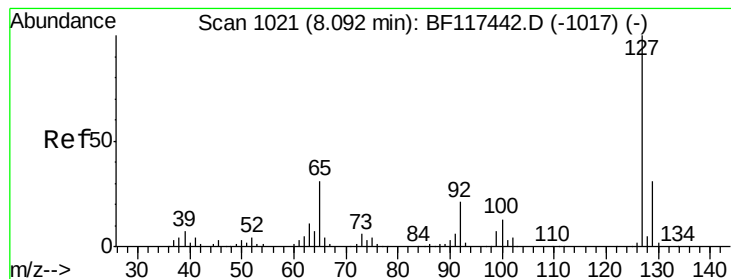
#32
Benzoic acid
Concen: 40.081 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.01 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Tgt Ion:122 Resp: 80868
Ion Ratio Lower Upper
122 100
105 131.0 115.0 155.0
77 100.4 79.7 119.7



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





#33

4-Chloroaniline

Concen: 26.475 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BF117476.D

Acq: 22 Oct 2019 14:13

Instrument :

BNA_F

ClientSampleId :

PB124094BS

Tot Ion:127 Resp: 126155

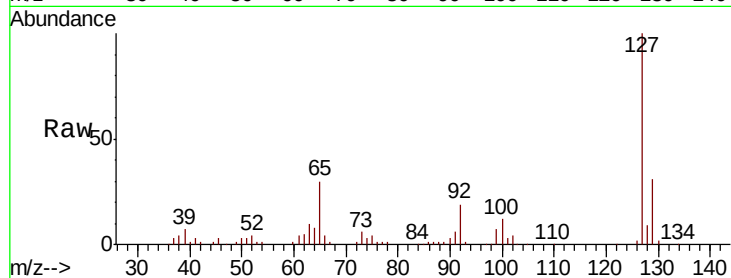
Ion Ratio Lower Upper

127 100

129 31.5 24.8 37.2

65 29.8 24.6 37.0

92 18.8 16.5 24.7

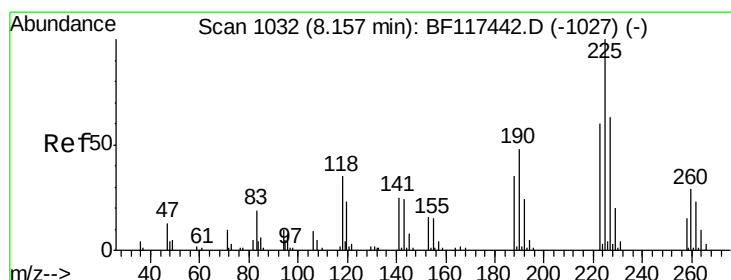
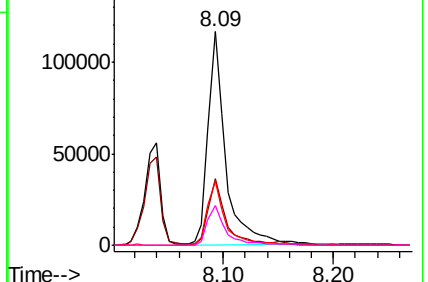
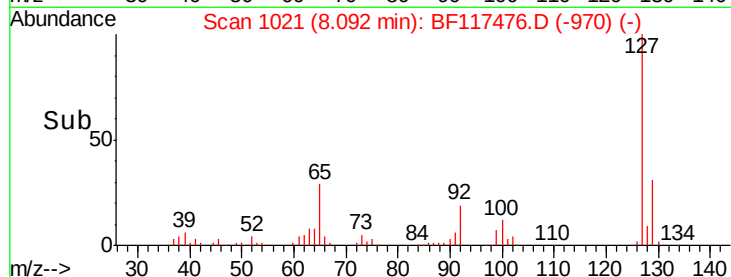


Abundance Ion 127.00 (126.70 to 127.70): E

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: 36.639 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF117476.D

Acq: 22 Oct 2019 14:13

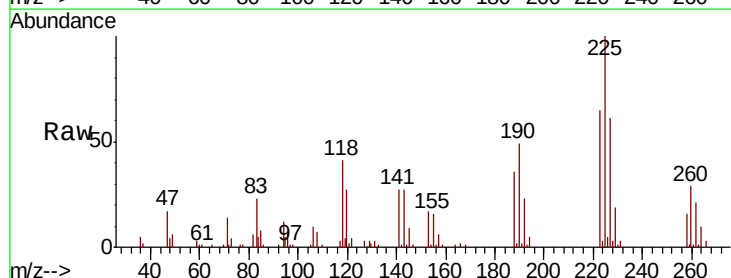
Tgt Ion:225 Resp: 70314

Ion Ratio Lower Upper

225 100

223 64.9 48.2 72.4

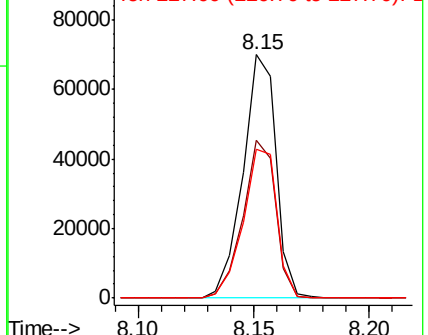
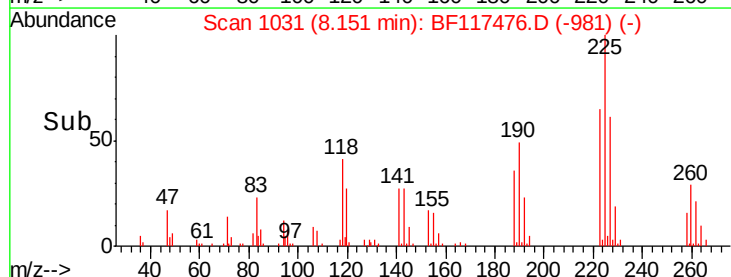
227 61.3 50.2 75.4

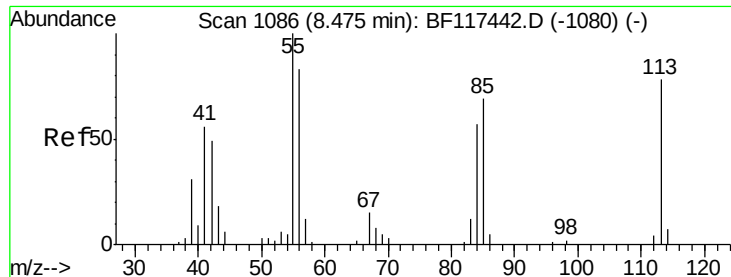


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

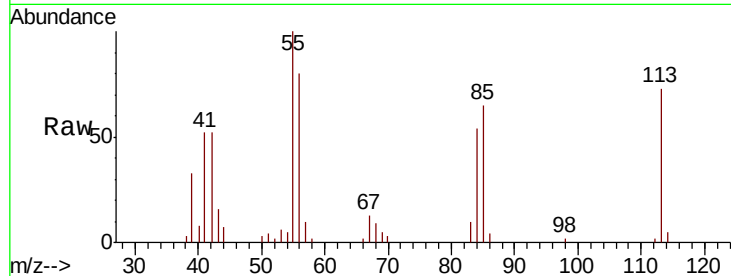




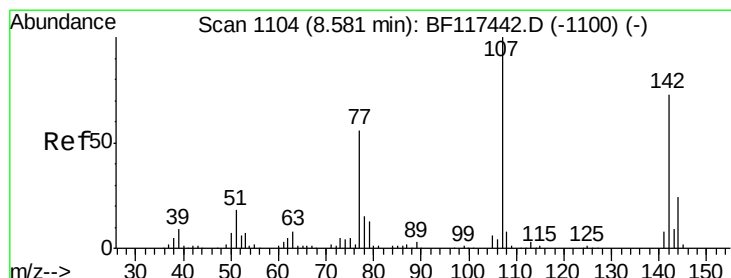
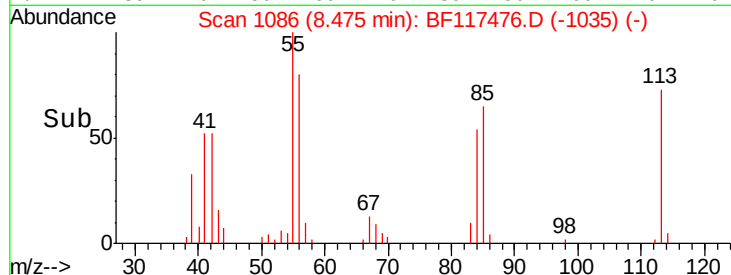
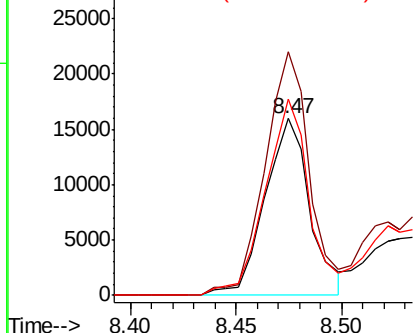
#35
 Caprolactam
 Concen: 23.717 ng
 RT: 8.47 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: BF117476.D
 Acq: 22 Oct 2019 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB124094BS

Tot Ion:113 Resp: 23540
 Ion Ratio Lower Upper
 113 100
 55 137.7 108.8 148.8
 56 110.7 87.2 127.2

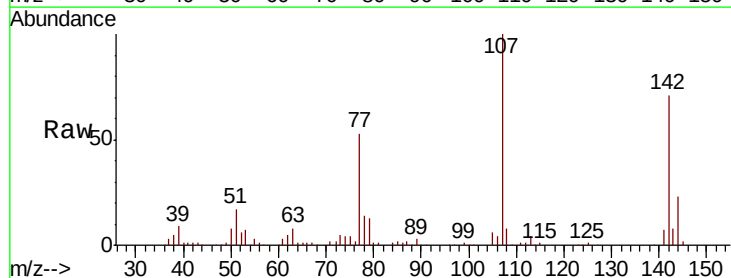


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

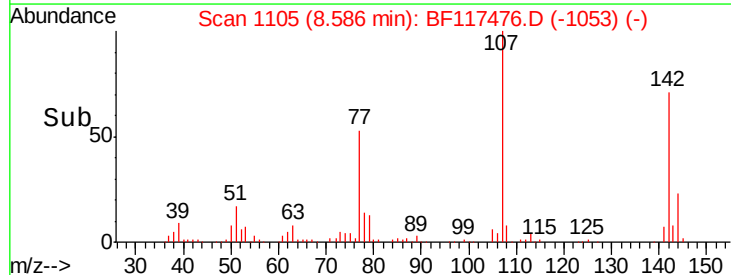
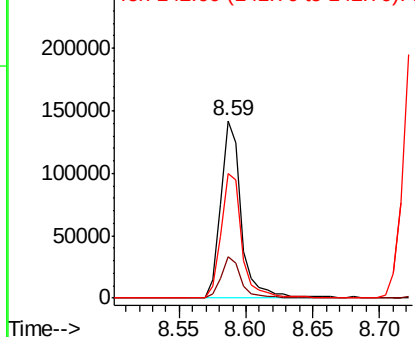


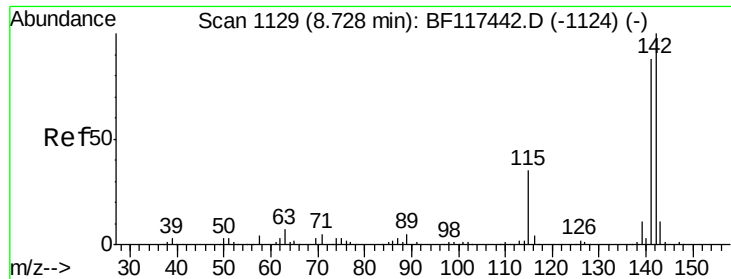
#36
 4-Chloro-3-methylphenol
 Concen: 44.020 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. 0.01 min
 Lab File: BF117476.D
 Acq: 22 Oct 2019 14:13

Tgt Ion:107 Resp: 155113
 Ion Ratio Lower Upper
 107 100
 144 23.0 18.9 28.3
 142 70.6 58.6 88.0



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

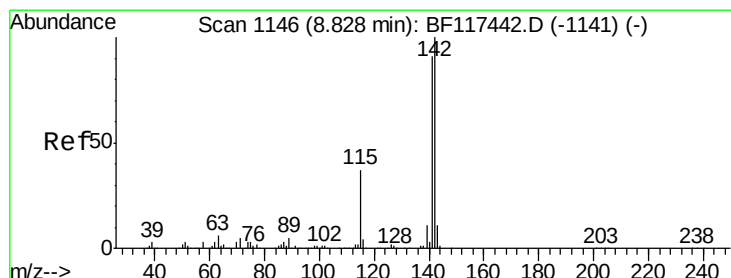
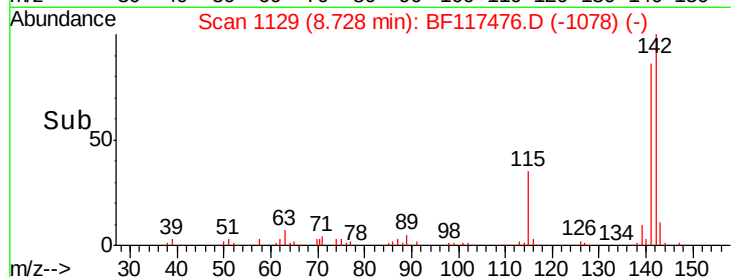
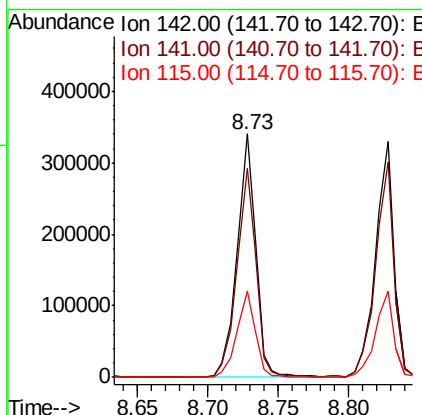
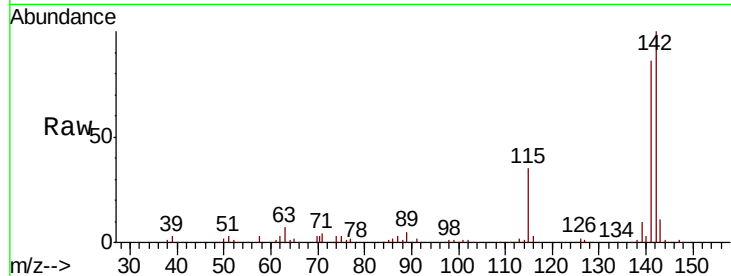




#37
 2-Methylnaphthalene
 Concen: 41.175 ng
 RT: 8.73 min Scan# 1129
 Delta R.T. 0.00 min
 Lab File: BF117476.D
 Acq: 22 Oct 2019 14:13

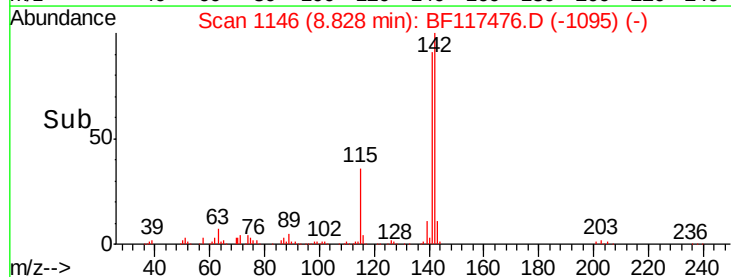
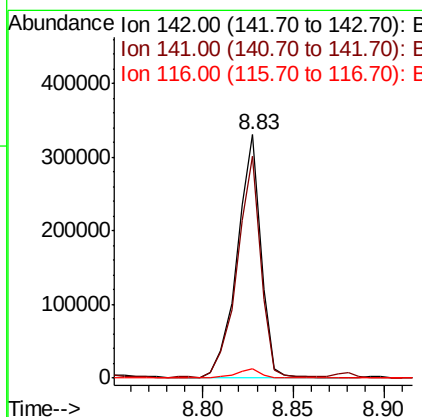
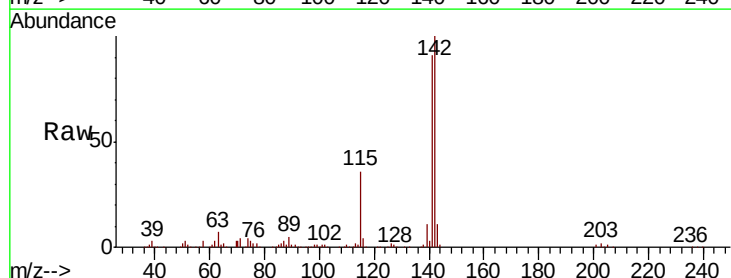
Instrument :
 BNA_F
 ClientSampleId :
 PB124094BS

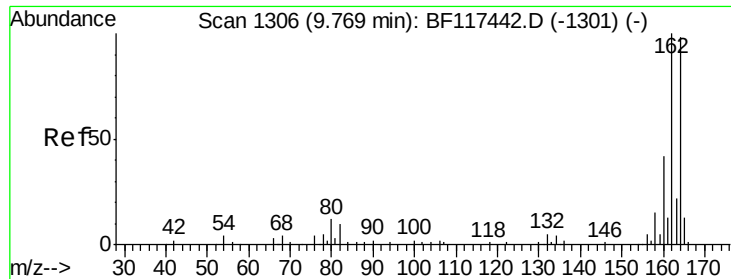
Tot Ion	Ratio	Lower	Upper
142	100		
141	85.9	70.3	105.5
115	35.3	28.2	42.2



#38
 1-Methylnaphthalene
 Concen: 41.776 ng
 RT: 8.83 min Scan# 1146
 Delta R.T. 0.00 min
 Lab File: BF117476.D
 Acq: 22 Oct 2019 14:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.1	73.3	109.9
116	3.9	3.1	4.7

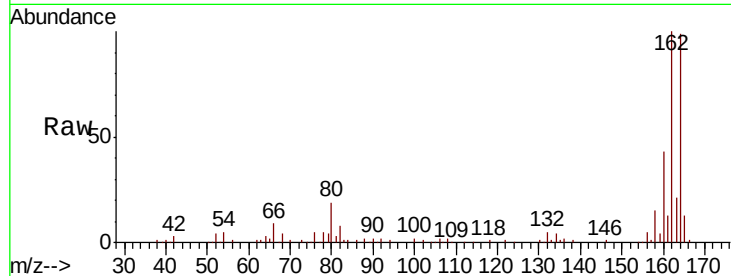




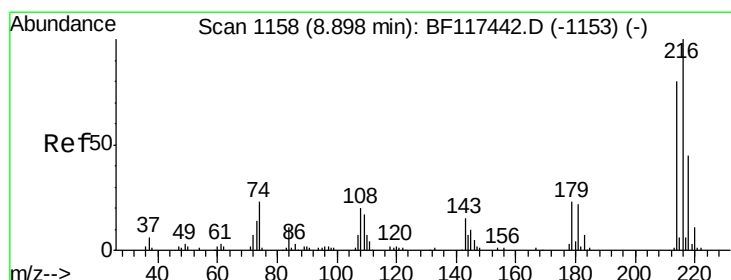
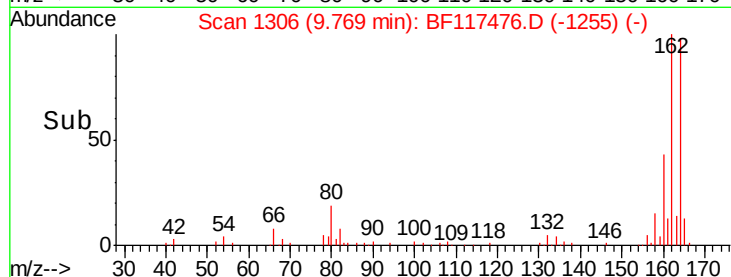
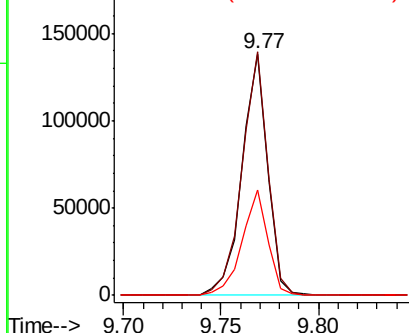
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Instrument :
BNA_F
ClientSampleId :
PB124094BS

Tot Ion:164 Resp: 125673
Ion Ratio Lower Upper
164 100
162 100.9 81.8 122.6
160 43.9 34.4 51.6

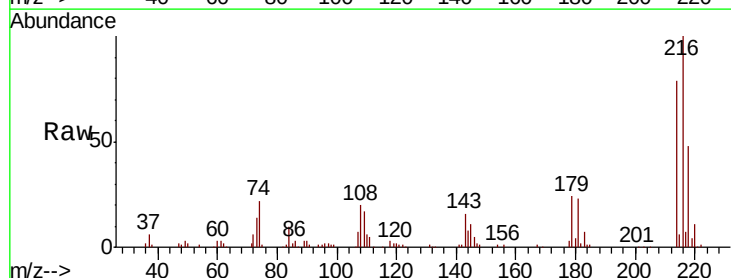


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

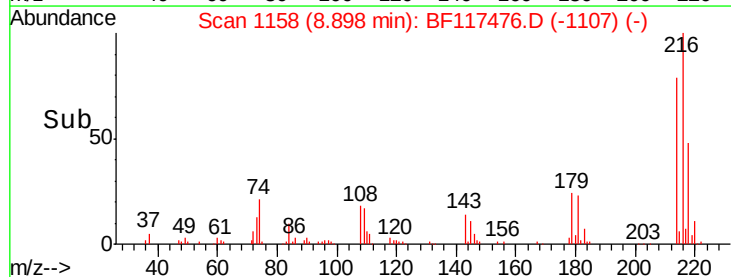
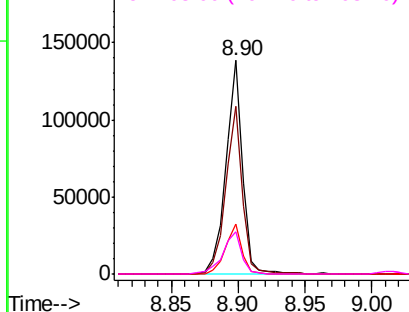


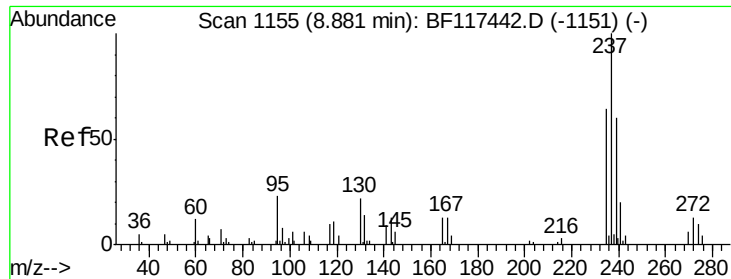
#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.019 ng
RT: 8.90 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Tgt Ion:216 Resp: 121919
Ion Ratio Lower Upper
216 100
214 78.7 62.4 93.6
179 23.3 18.1 27.1
108 22.2 16.6 24.8



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

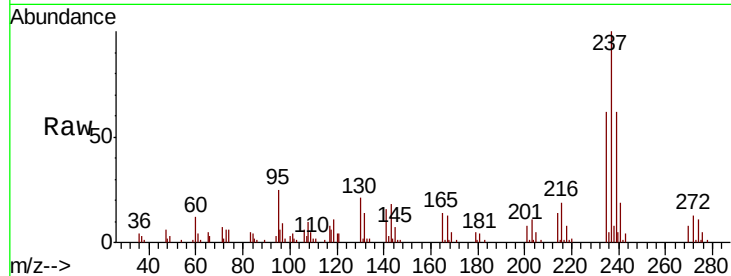




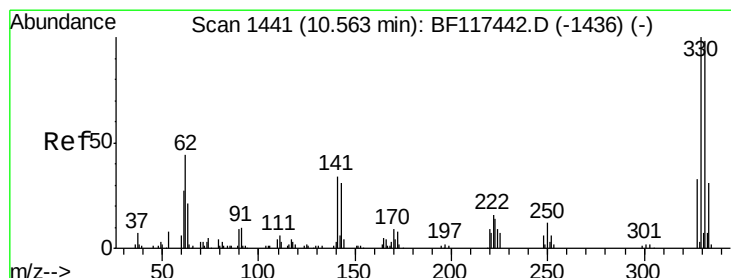
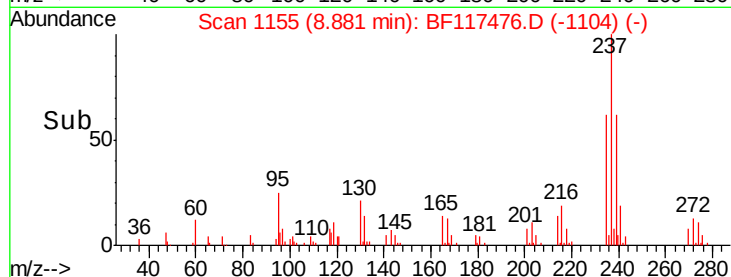
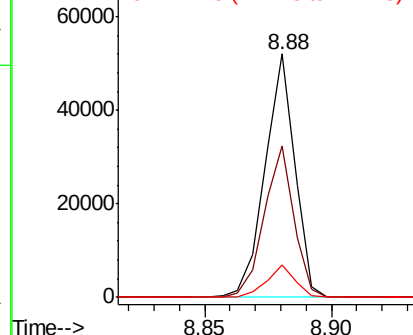
#41
Hexachlorocyclopentadiene
Concen: 55.658 ng
RT: 8.88 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Instrument :
BNA_F
ClientSampleId :
PB124094BS

Tot Ion: 237 Resp: 42962
Ion Ratio Lower Upper
237 100
235 62.4 44.3 84.3
272 13.1 0.0 33.2

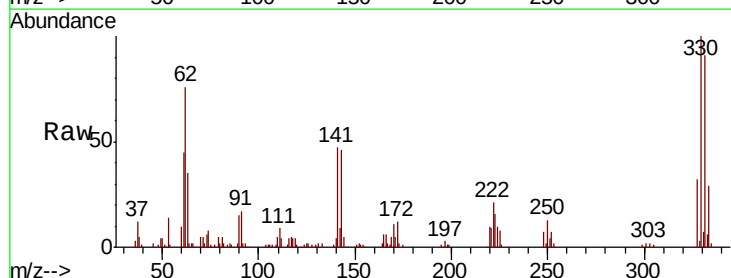


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

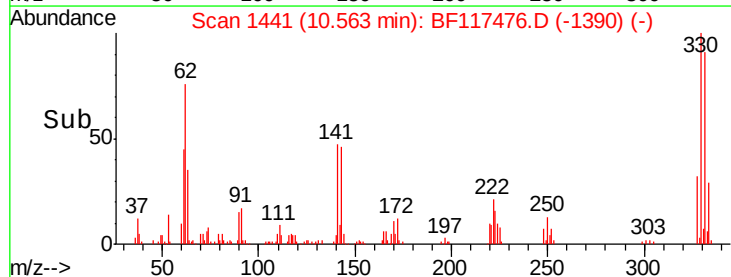
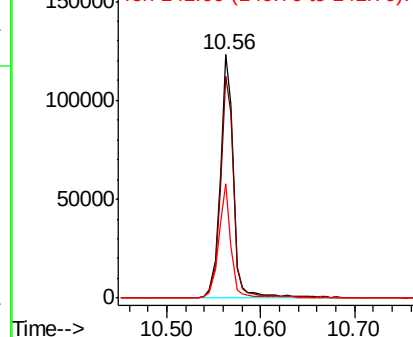


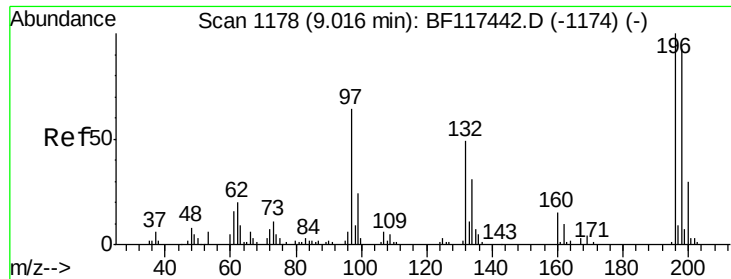
#42
2,4,6-Tribromophenol
Concen: 112.524 ng
RT: 10.56 min Scan# 1441
Delta R.T. 0.00 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Tgt Ion: 330 Resp: 122358
Ion Ratio Lower Upper
330 100
332 92.5 78.5 117.7
141 44.0 37.0 55.6



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

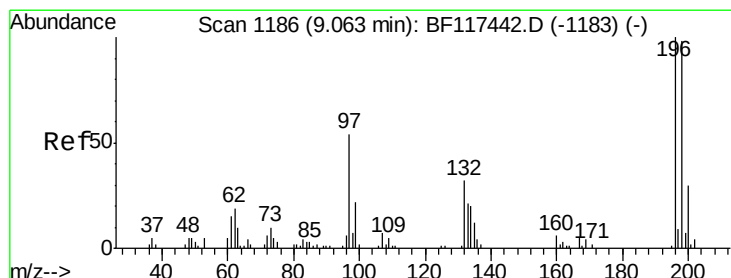
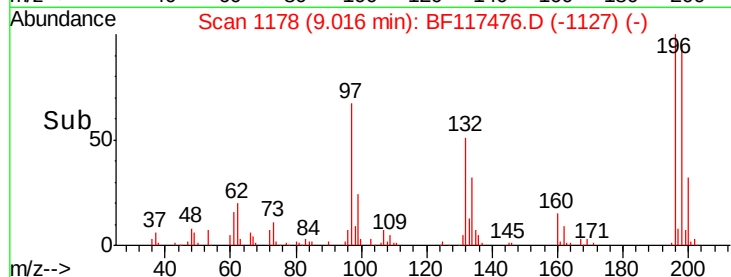
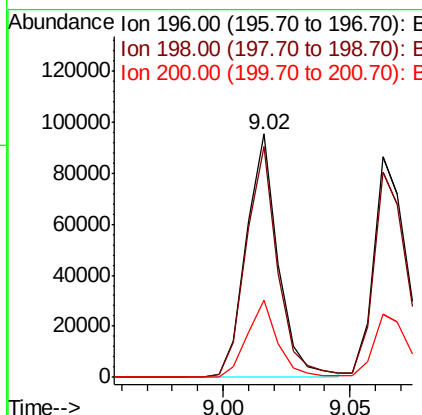
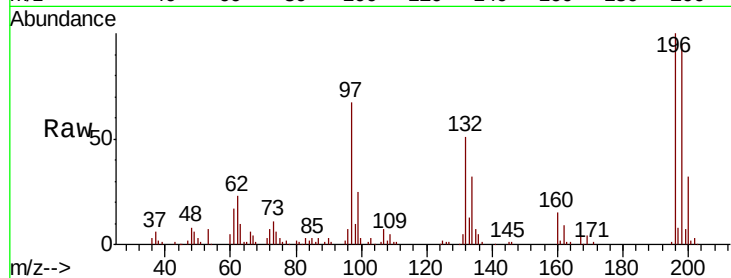




#43
 2,4,6-Trichlorophenol
 Concen: 39.452 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF117476.D
 Acq: 22 Oct 2019 14:13

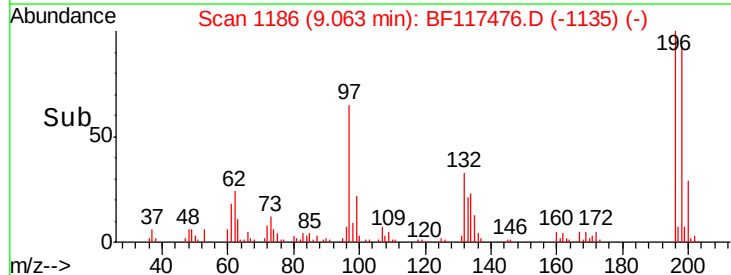
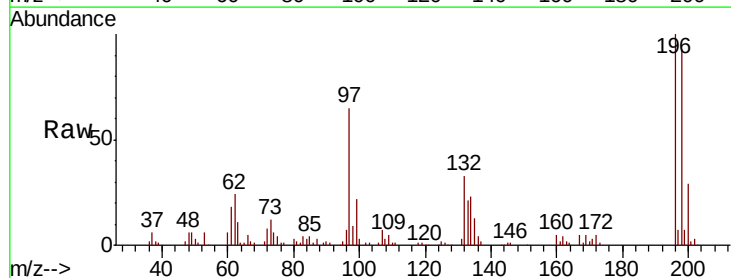
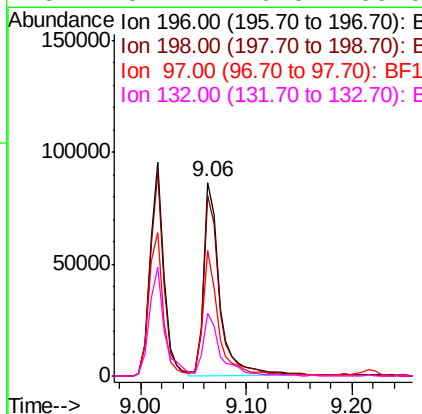
Instrument :
 BNA_F
 ClientSampleId :
 PB124094BS

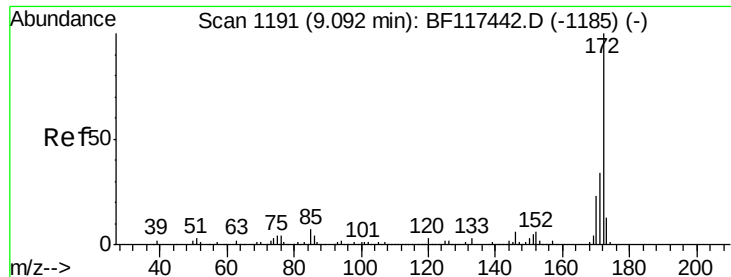
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.0	74.1	111.1
200	31.8	23.9	35.9



#44
 2,4,5-Trichlorophenol
 Concen: 42.408 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF117476.D
 Acq: 22 Oct 2019 14:13

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.9	78.6	117.8
97	64.6	43.4	65.2
132	32.7	26.0	39.0

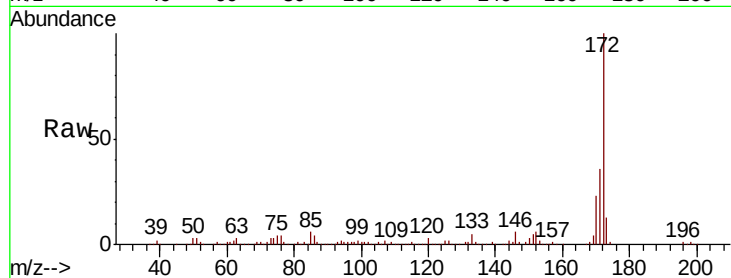




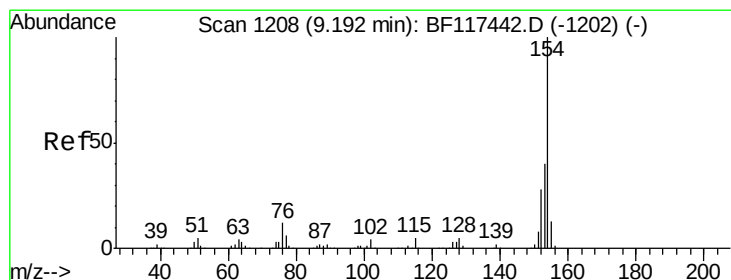
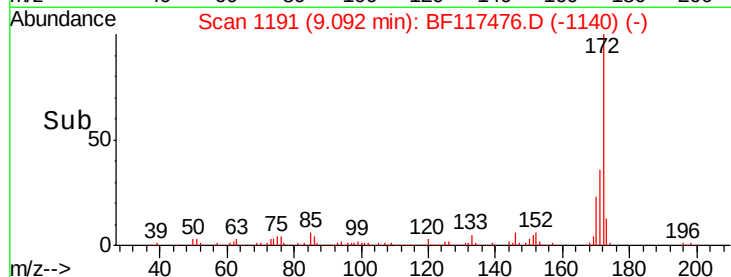
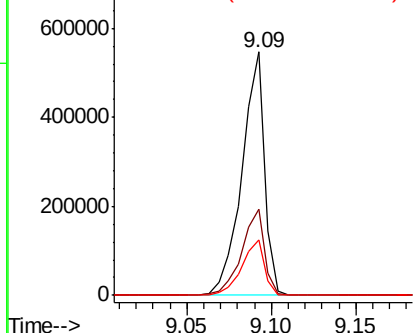
#45
2-Fluorobiphenyl
Concen: 57.635 ng
RT: 9.09 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Instrument :
BNA_F
ClientSampleId :
PB124094BS

Tot Ion:172 Resp: 514071
Ion Ratio Lower Upper
172 100
171 35.5 27.5 41.3
170 22.8 18.6 27.8

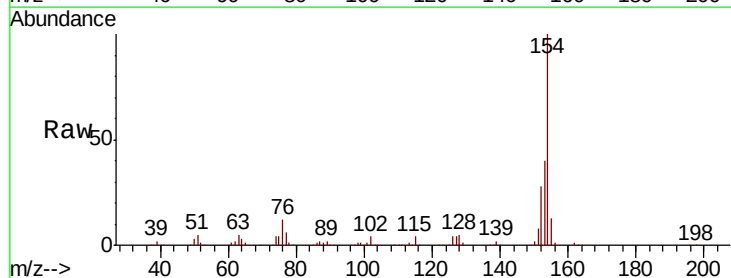


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

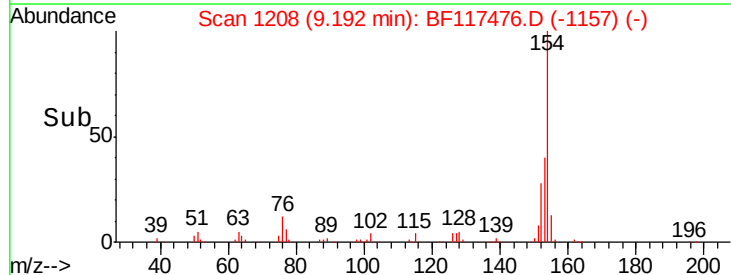
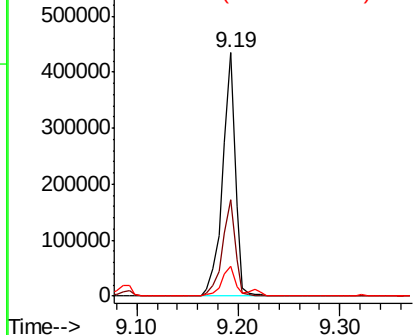


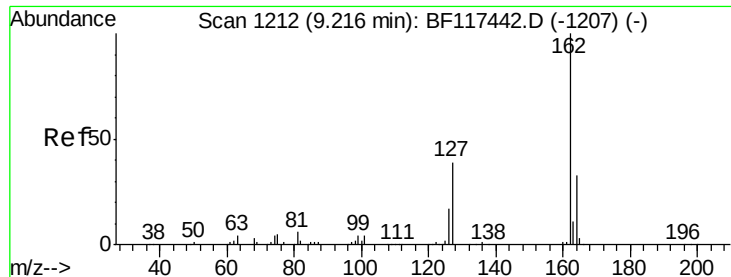
#46
1,1'-Biphenyl
Concen: 36.460 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Tgt Ion:154 Resp: 379335
Ion Ratio Lower Upper
154 100
153 39.8 20.2 60.2
76 12.4 0.0 32.1



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

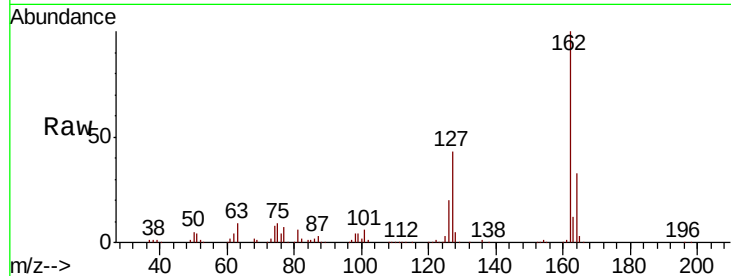




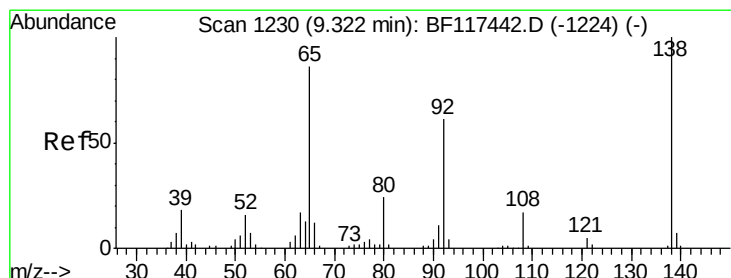
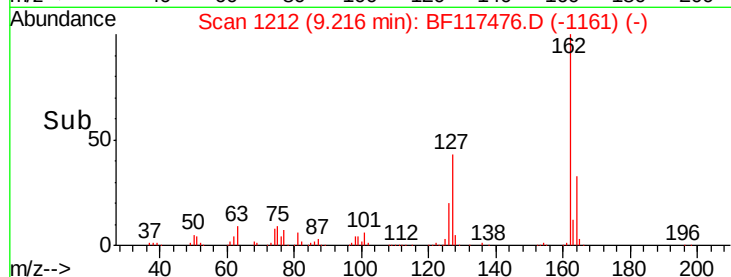
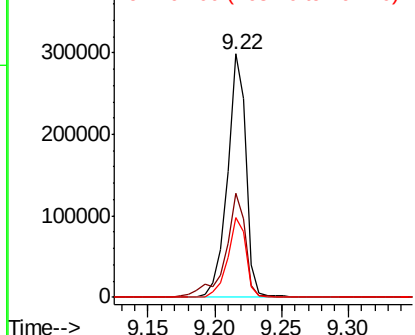
#47
 2-Chloronaphthalene
 Concen: 37.461 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF117476.D
 Acq: 22 Oct 2019 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB124094BS

Tot Ion:	162	Resp:	293862
Ion	Ratio	Lower	Upper
162	100		
127	42.5	34.2	51.4
164	32.7	26.4	39.6

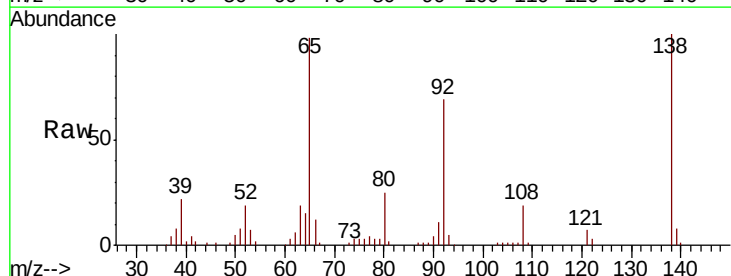


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

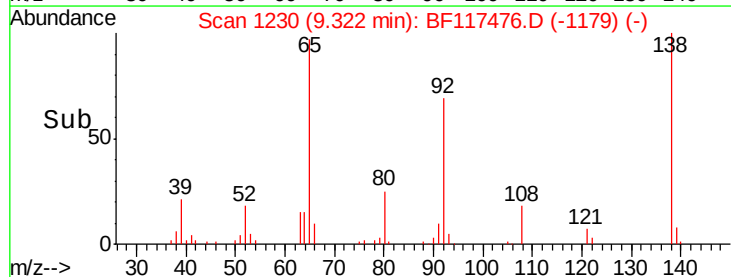
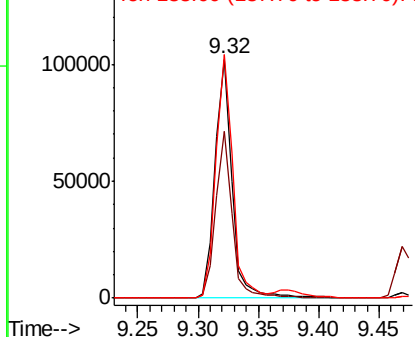


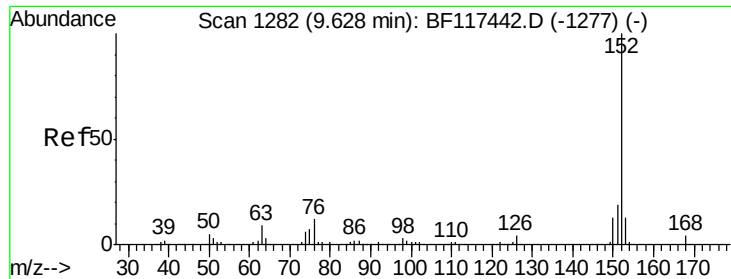
#48
 2-Nitroaniline
 Concen: 38.326 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. 0.00 min
 Lab File: BF117476.D
 Acq: 22 Oct 2019 14:13

Tgt Ion:	65	Resp:	98697
Ion	Ratio	Lower	Upper
65	100		
92	70.0	57.3	85.9
138	102.1	93.3	139.9



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: 39.796 ng

RT: 9.63 min Scan# 1283

Delta R.T. 0.01 min

Lab File: BF117476.D

Acq: 22 Oct 2019 14:13

Instrument :

BNA_F

ClientSampleId :

PB124094BS

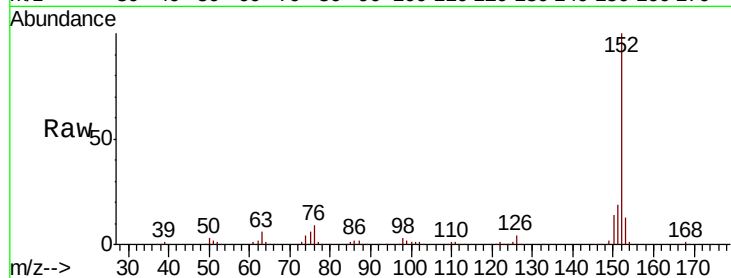
Tot Ion:152 Resp: 458533

Ion Ratio Lower Upper

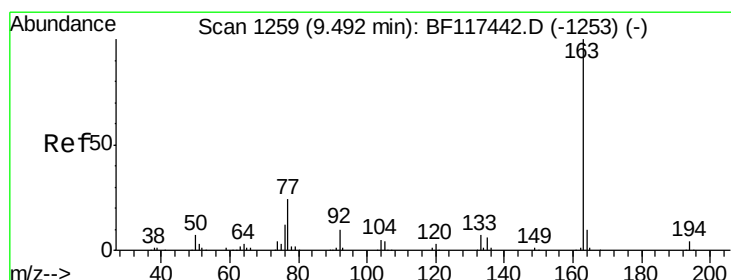
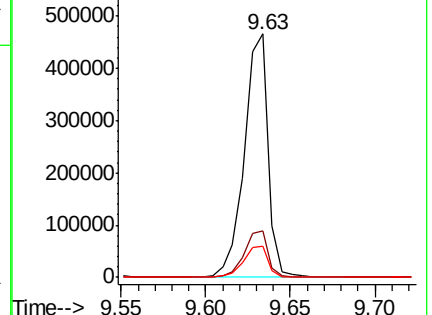
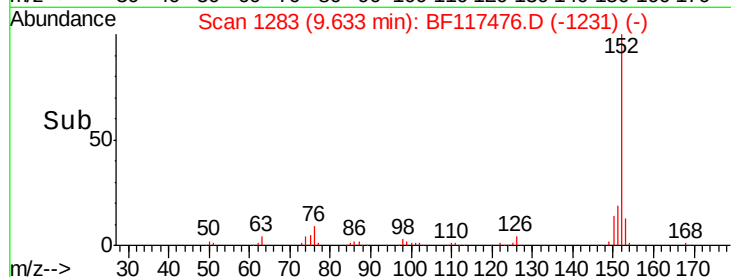
152 100

151 19.2 15.4 23.0

153 12.9 10.3 15.5



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: 40.024 ng

RT: 9.50 min Scan# 1260

Delta R.T. 0.01 min

Lab File: BF117476.D

Acq: 22 Oct 2019 14:13

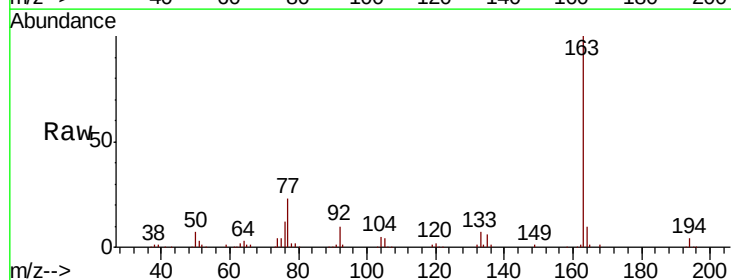
Tgt Ion:163 Resp: 358579

Ion Ratio Lower Upper

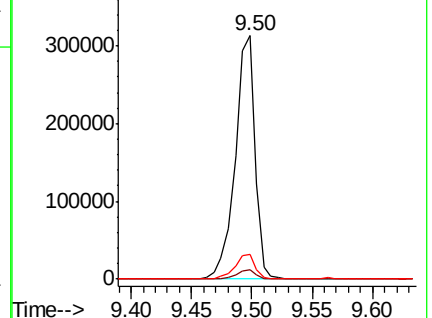
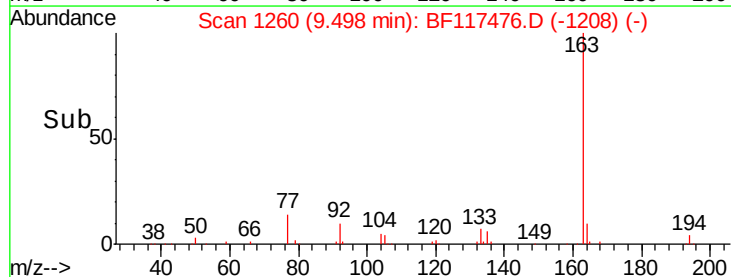
163 100

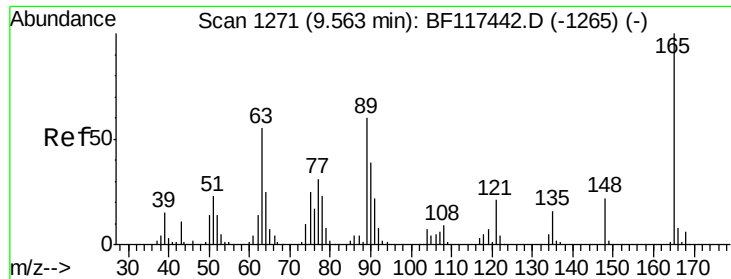
194 3.6 2.9 4.3

164 10.0 8.2 12.2



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

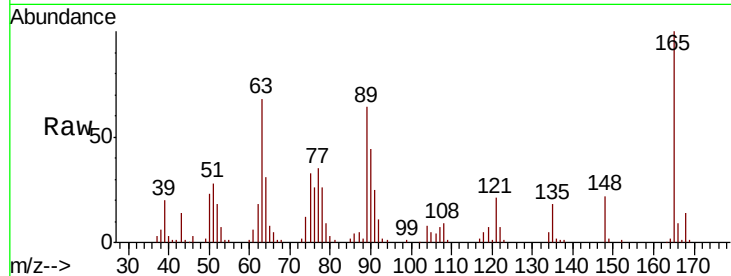




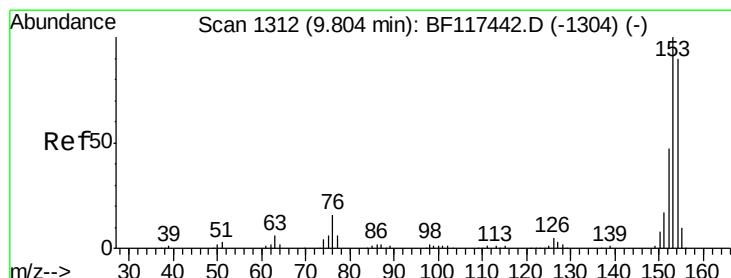
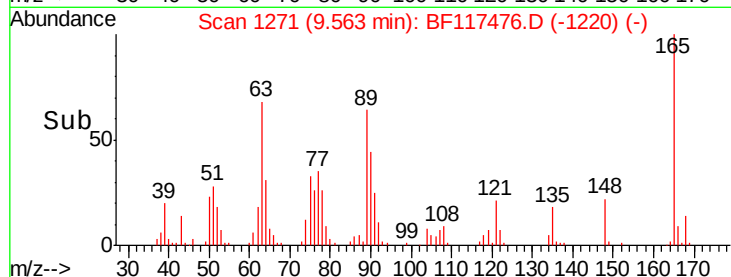
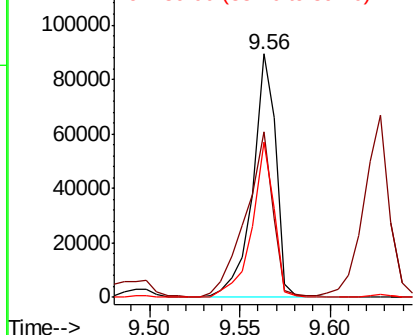
#51
 2,6-Dinitrotoluene
 Concen: 42.423 ng
 RT: 9.56 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: BF117476.D
 Acq: 22 Oct 2019 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB124094BS

Tot Ion:165 Resp: 79311
 Ion Ratio Lower Upper
 165 100
 63 68.1 43.8 65.8#
 89 63.8 47.6 71.4

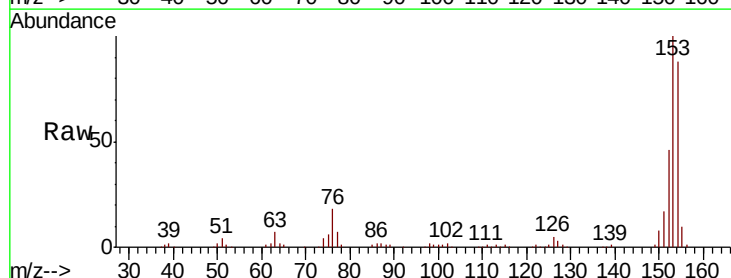


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

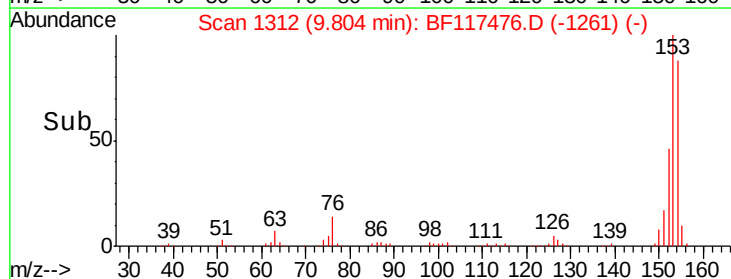
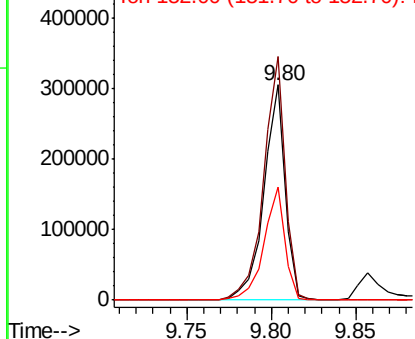


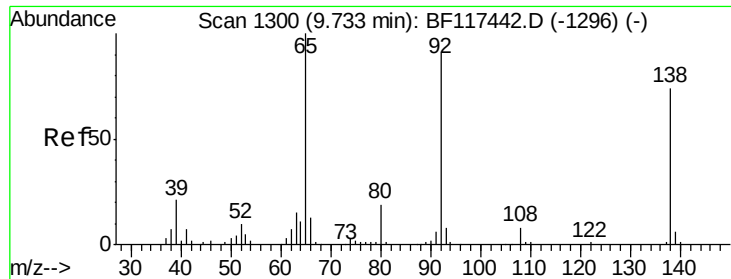
#52
 Acenaphthene
 Concen: 37.608 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. 0.00 min
 Lab File: BF117476.D
 Acq: 22 Oct 2019 14:13

Tgt Ion:154 Resp: 265855
 Ion Ratio Lower Upper
 154 100
 153 113.0 89.2 133.8
 152 52.2 41.8 62.6



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

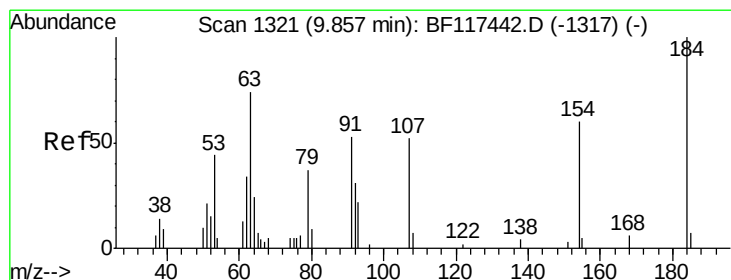
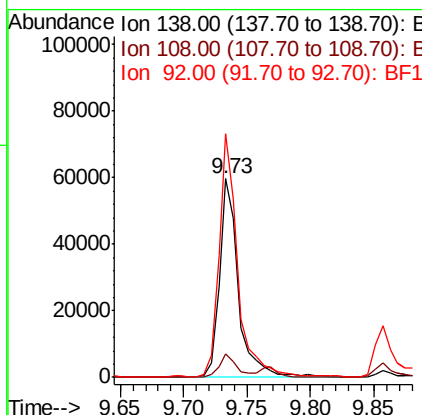
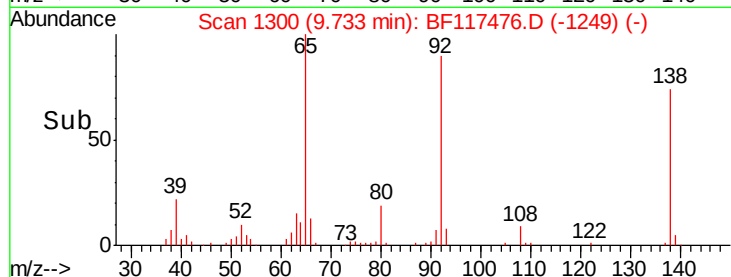
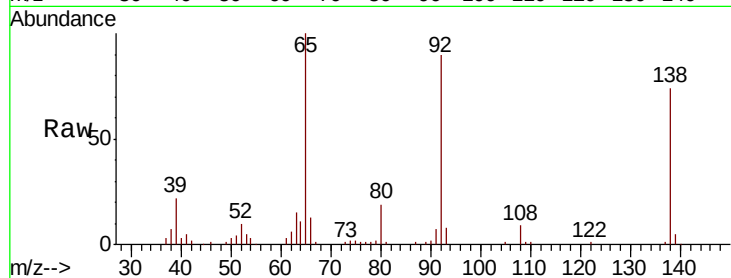




#53
3-Nitroaniline
Concen: 27.606 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

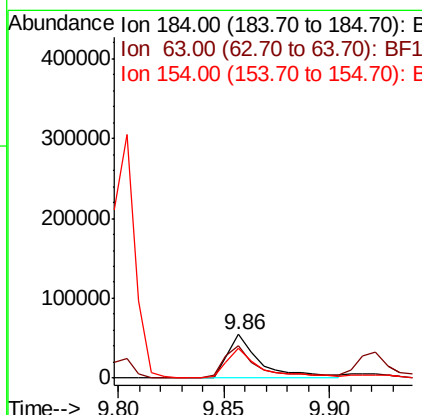
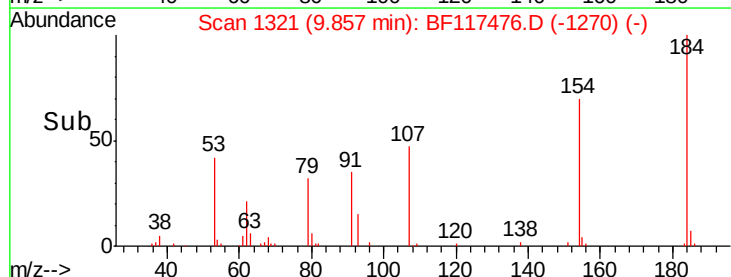
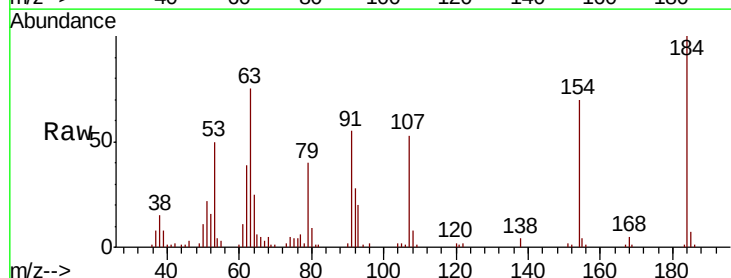
Instrument :
BNA_F
ClientSampleId :
PB124094BS

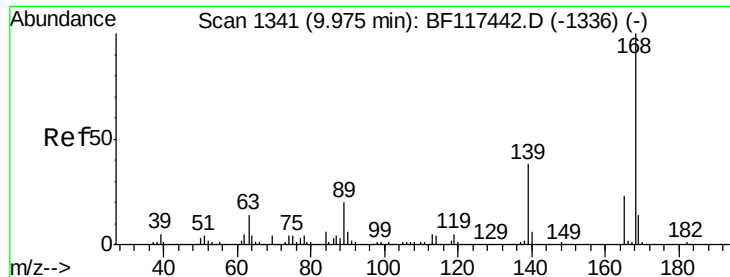
Tot Ion:138 Resp: 62621
Ion Ratio Lower Upper
138 100
108 11.8 8.7 13.1
92 122.5 98.4 147.6



#54
2,4-Dinitrophenol
Concen: 76.449 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Tgt Ion:184 Resp: 58964
Ion Ratio Lower Upper
184 100
63 74.9 59.2 88.8
154 69.5 53.4 80.0

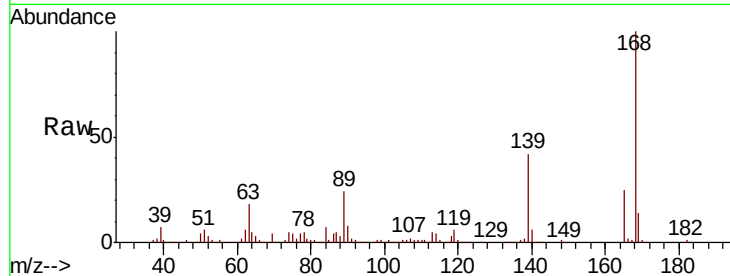




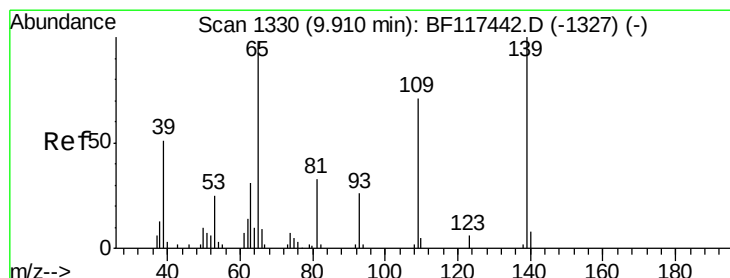
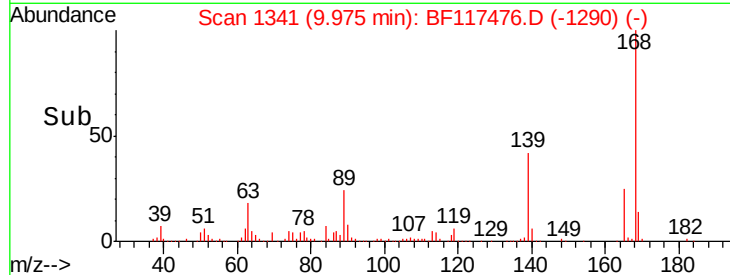
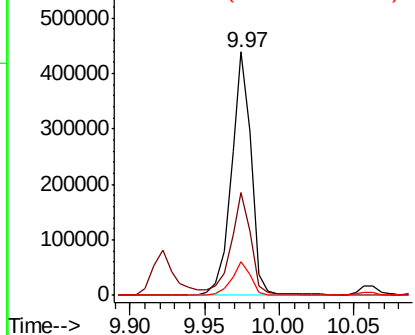
#55
Dibenzofuran
Concen: 39.994 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Instrument :
BNA_F
ClientSampleId :
PB124094BS

Tot Ion:168 Resp: 409612
Ion Ratio Lower Upper
168 100
139 42.2 31.8 47.6
169 13.6 11.2 16.8

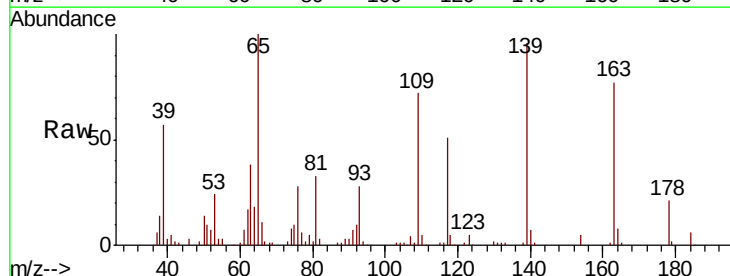


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

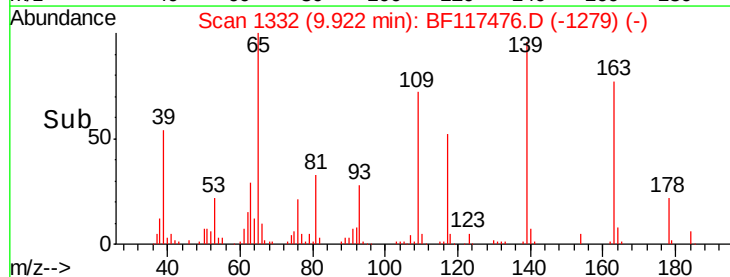
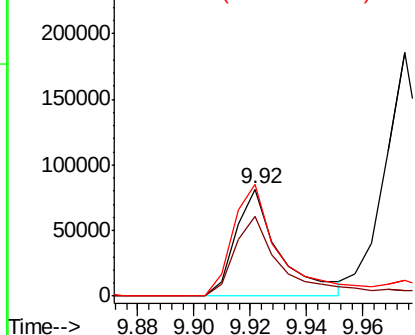


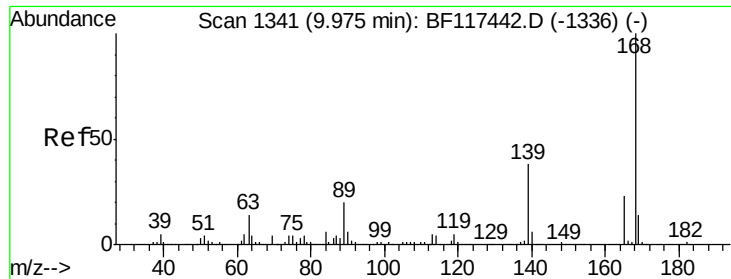
#56
4-Nitrophenol
Concen: 83.706 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Tgt Ion:139 Resp: 87614
Ion Ratio Lower Upper
139 100
109 75.1 51.4 91.4
65 104.5 79.4 119.4



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: 41.686 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.00 min

Lab File: BF117476.D

Acq: 22 Oct 2019 14:13

Instrument :

BNA_F

ClientSampleId :

PB124094BS

Tot Ion:165 Resp: 103616

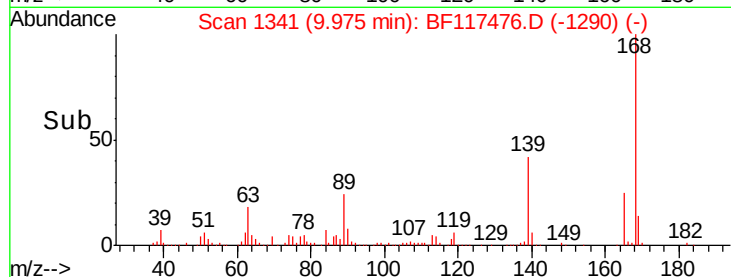
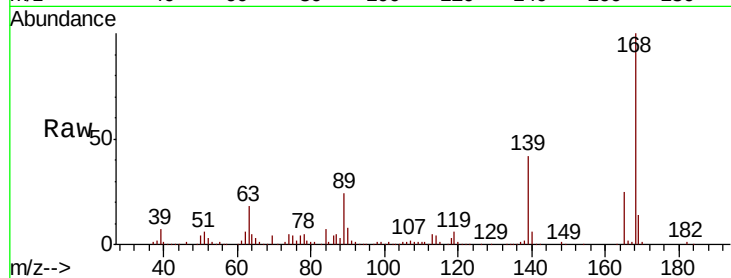
Ion Ratio Lower Upper

165 100

63 73.4 51.4 77.0

89 98.7 69.9 104.9

182 2.4 1.9 2.9

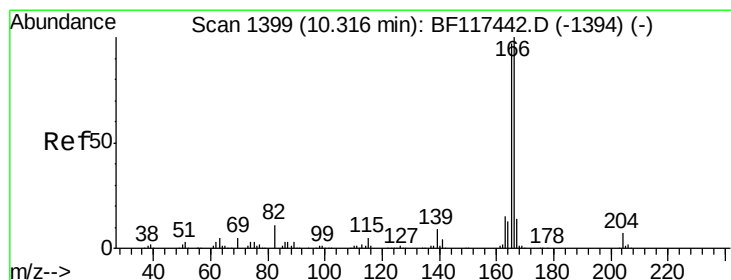
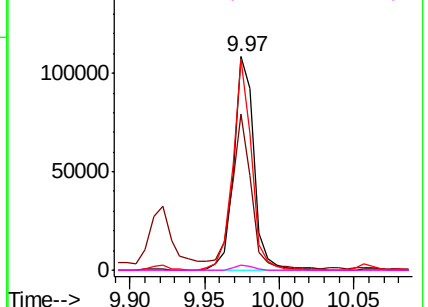


Abundance Ion 165.00 (164.70 to 165.70): E

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: 39.974 ng

RT: 10.32 min Scan# 1400

Delta R.T. 0.01 min

Lab File: BF117476.D

Acq: 22 Oct 2019 14:13

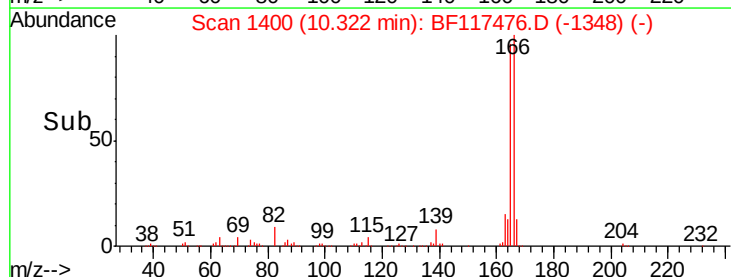
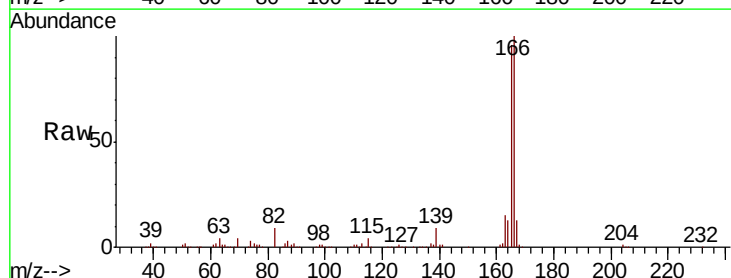
Tgt Ion:166 Resp: 338567

Ion Ratio Lower Upper

166 100

165 96.0 77.6 116.4

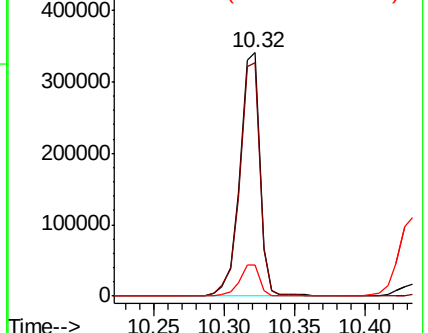
167 12.8 11.0 16.4

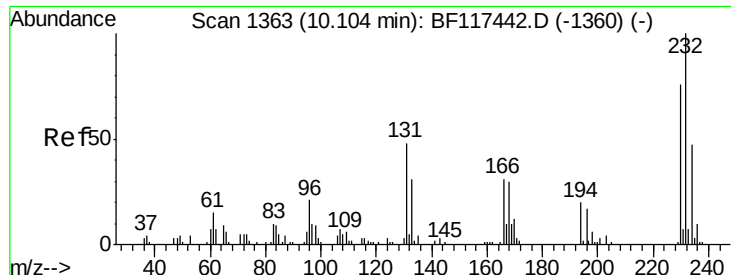


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

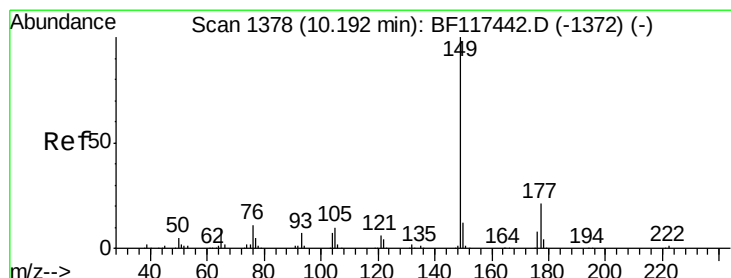
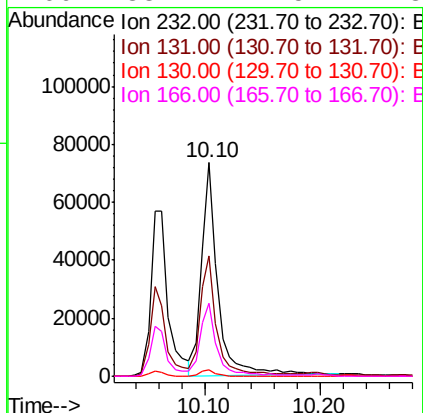
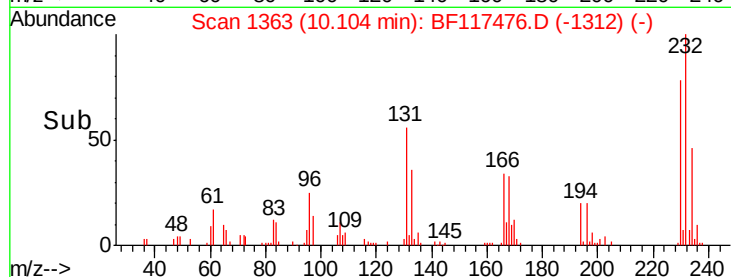
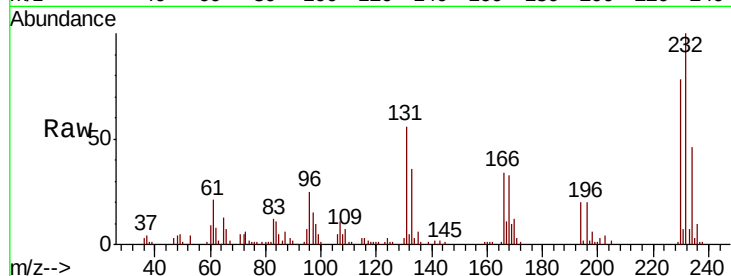




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.227 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

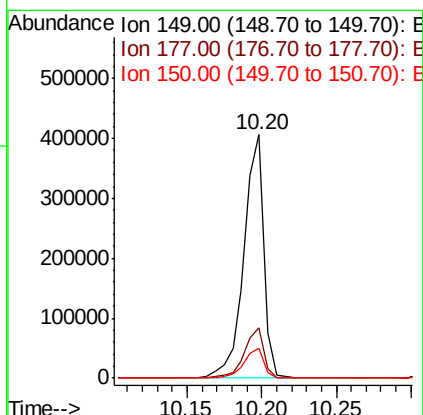
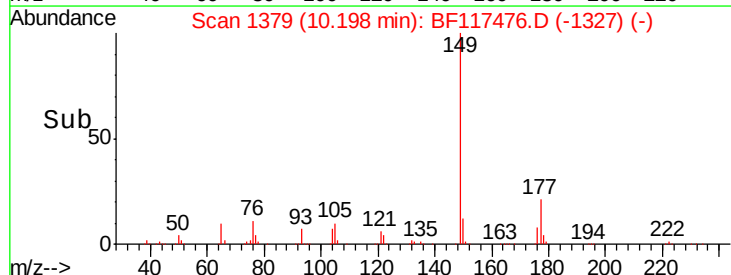
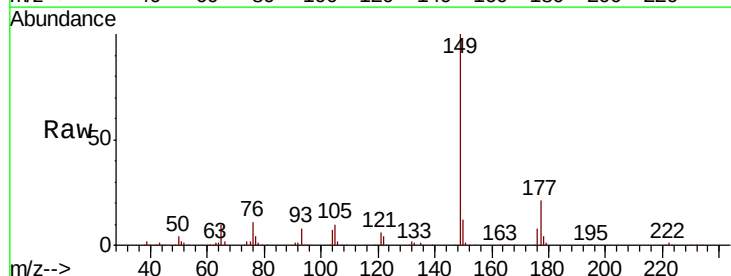
Instrument :
BNA_F
ClientSampled :
PB124094BS

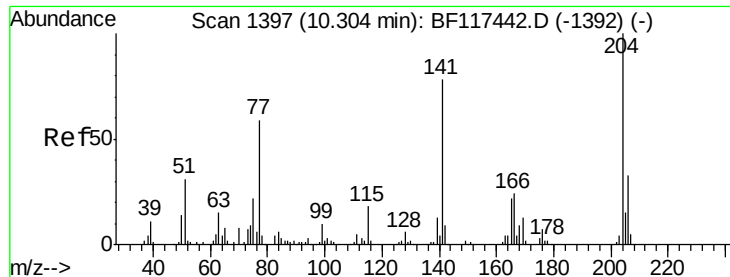
Tot Ion:232 Resp: 72975
Ion Ratio Lower Upper
232 100
131 55.2 42.6 63.8
130 2.7 2.2 3.4
166 33.4 27.5 41.3



#60
Diethylphthalate
Concen: 41.384 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.01 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Tgt Ion:149 Resp: 375012
Ion Ratio Lower Upper
149 100
177 20.8 17.0 25.4
150 12.4 9.8 14.6

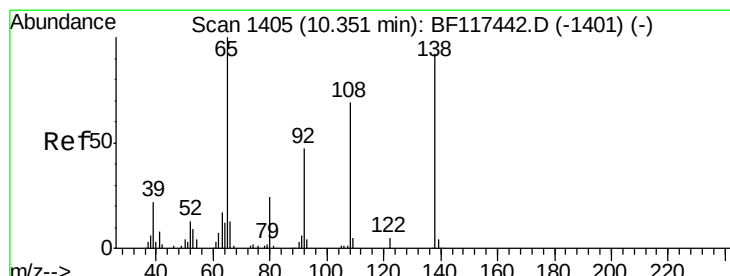
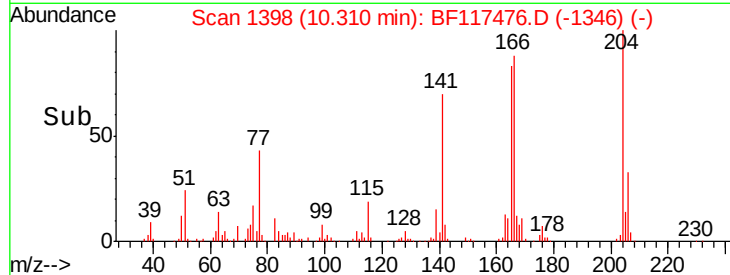
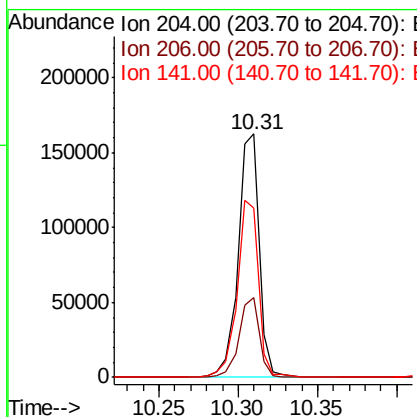
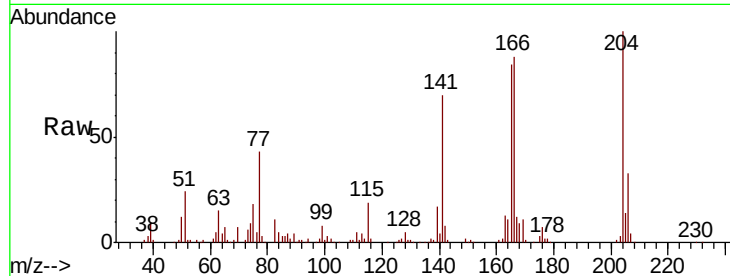




#61
 4-Chlorophenyl-phenylether
 Concen: 39.492 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. 0.01 min
 Lab File: BF117476.D
 Acq: 22 Oct 2019 14:13

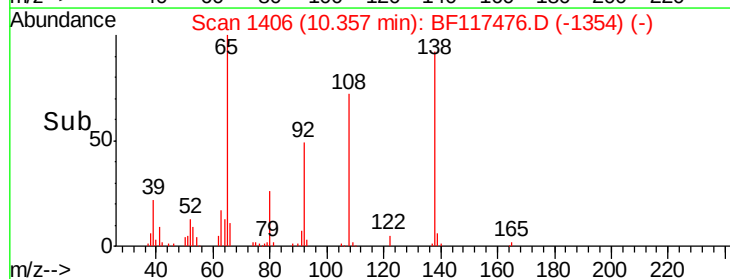
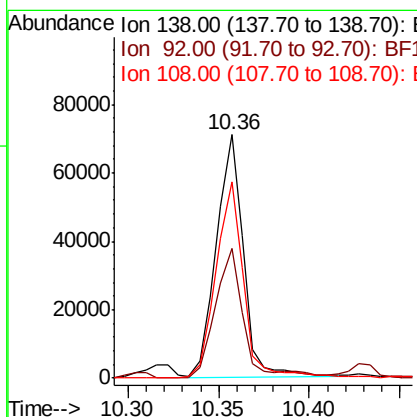
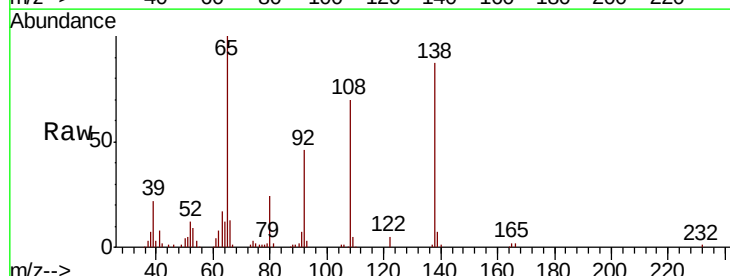
Instrument :
 BNA_F
 ClientSampleId :
 PB124094BS

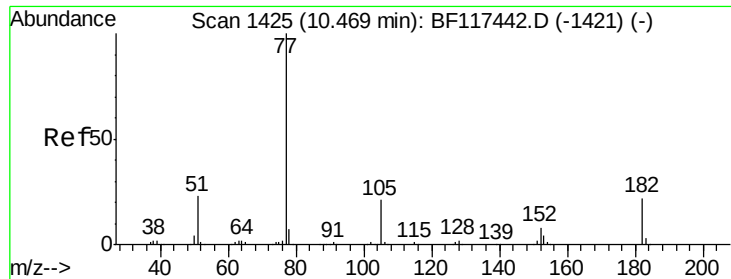
Tot Ion:	204	Resp:	150066
Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.3	39.5
141	69.7	62.2	93.4



#62
 4-Nitroaniline
 Concen: 34.171 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. 0.01 min
 Lab File: BF117476.D
 Acq: 22 Oct 2019 14:13

Tgt Ion:	138	Resp:	73061
Ion	Ratio	Lower	Upper
138	100		
92	53.4	30.3	70.3
108	80.5	54.9	94.9





#63

Azobenzene

Concen: 41.736 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.00 min

Lab File: BF117476.D

Acq: 22 Oct 2019 14:13

Instrument :

BNA_F

ClientSampleId :

PB124094BS

Tot Ion: 77 Resp: 387162

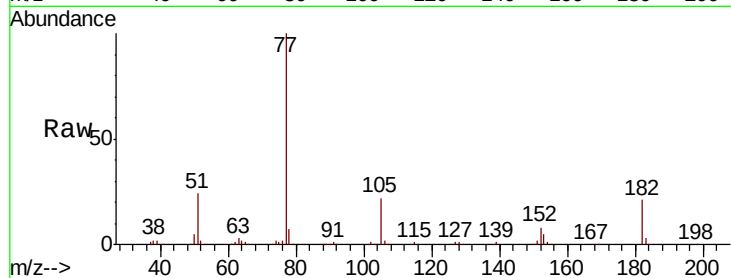
Ion Ratio Lower Upper

77 100

182 21.2 2.3 42.3

105 21.9 1.3 41.3

51 24.0 3.5 43.5

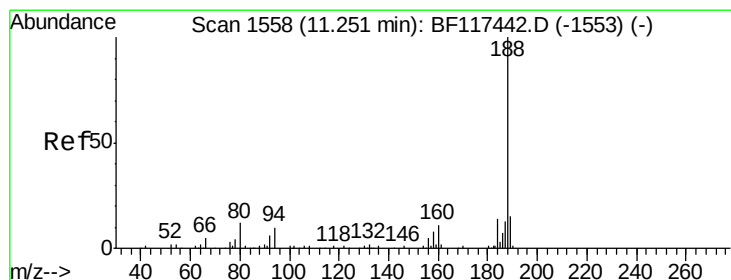
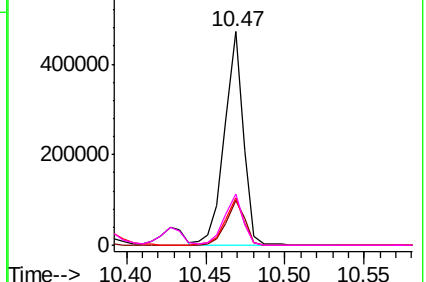
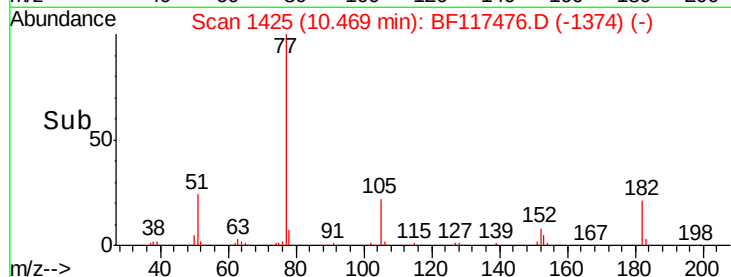


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.26 min Scan# 1559

Delta R.T. 0.01 min

Lab File: BF117476.D

Acq: 22 Oct 2019 14:13

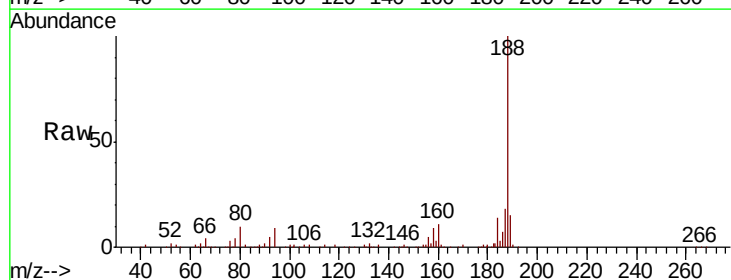
Tgt Ion: 188 Resp: 210733

Ion Ratio Lower Upper

188 100

94 8.9 8.0 12.0

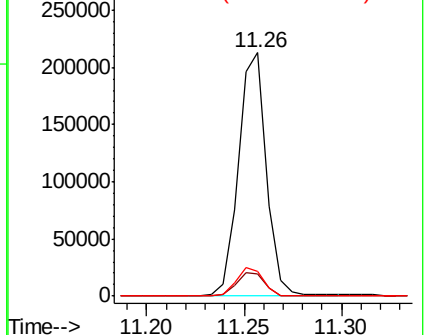
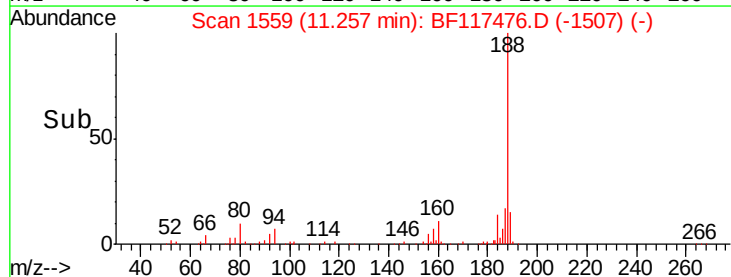
80 10.2 9.5 14.3

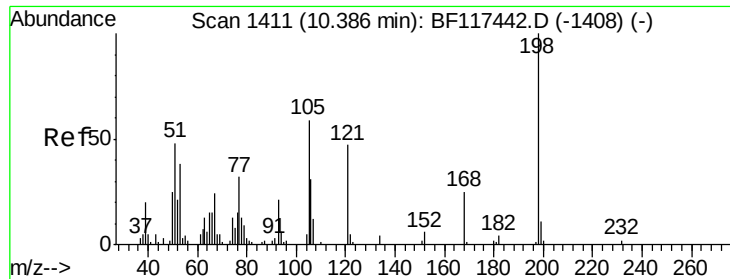


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 42.240 ng

RT: 10.39 min Scan# 1412

Delta R.T. 0.01 min

Lab File: BF117476.D

Acq: 22 Oct 2019 14:13

Instrument :

BNA_F

ClientSampleId :

PB124094BS

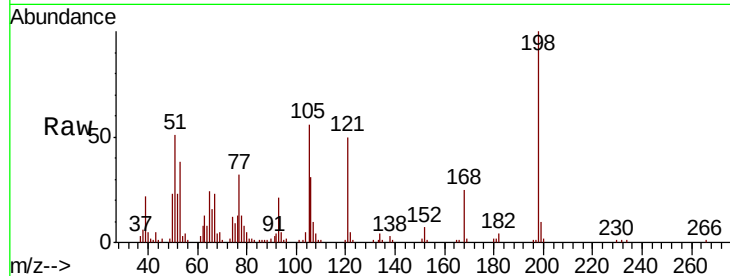
Tot Ion:198 Resp: 45257

Ion Ratio Lower Upper

198 100

51 50.9 29.1 69.1

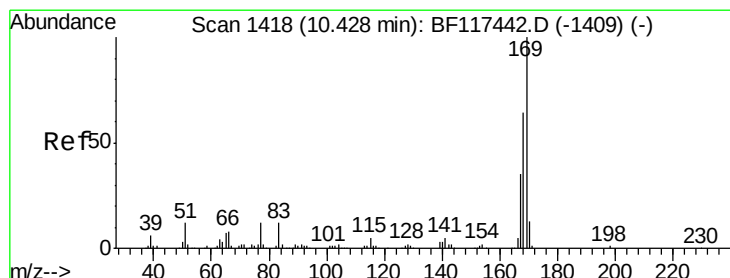
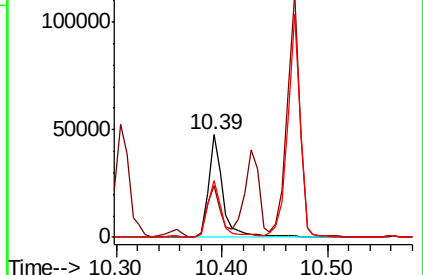
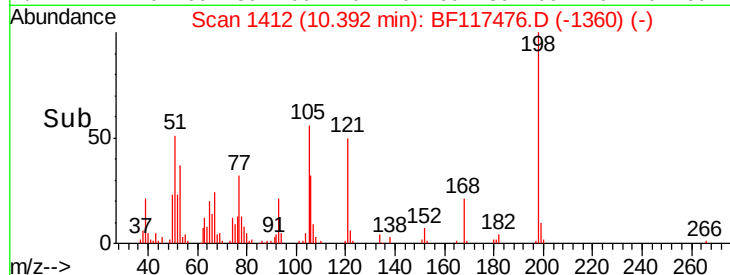
105 55.7 39.4 79.4



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: 38.867 ng

RT: 10.43 min Scan# 1419

Delta R.T. 0.01 min

Lab File: BF117476.D

Acq: 22 Oct 2019 14:13

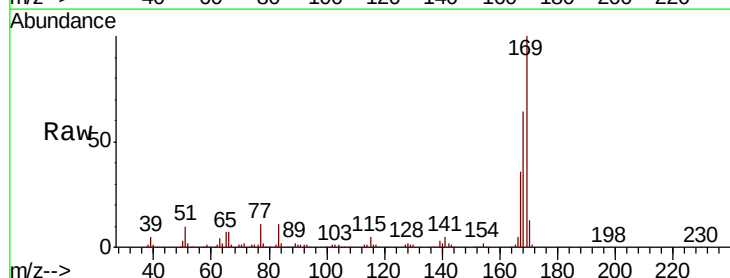
Tgt Ion:169 Resp: 299426

Ion Ratio Lower Upper

169 100

168 64.2 51.3 76.9

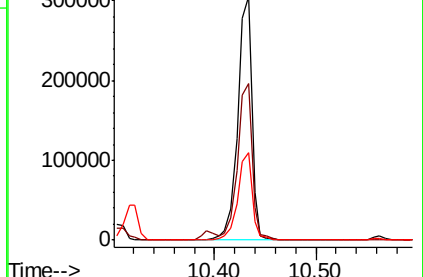
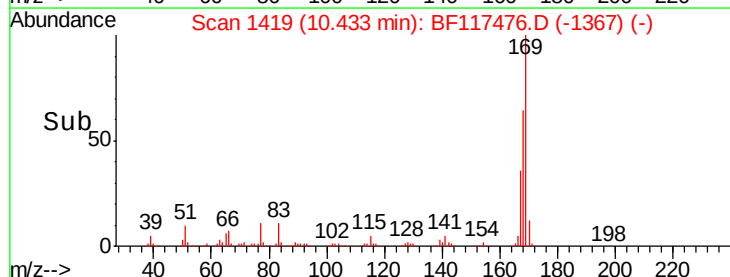
167 36.1 28.2 42.4

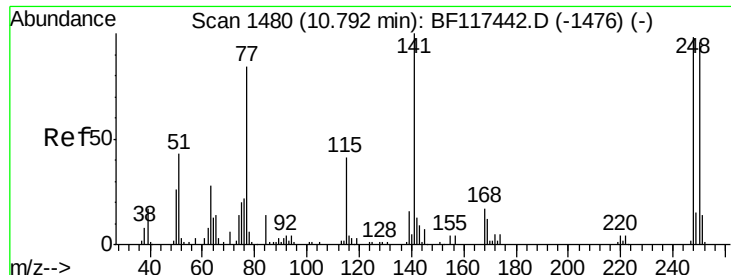


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

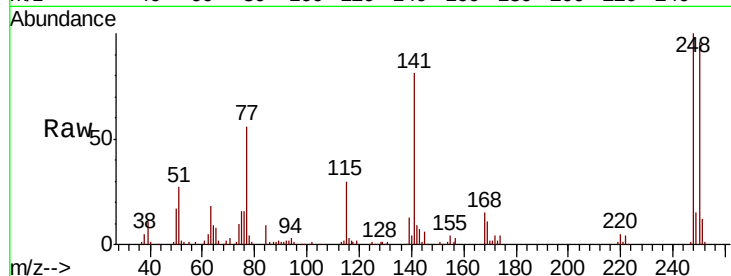




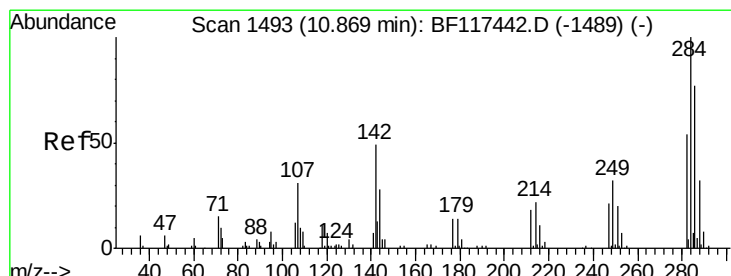
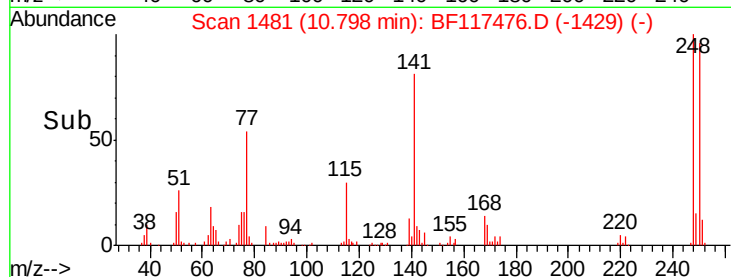
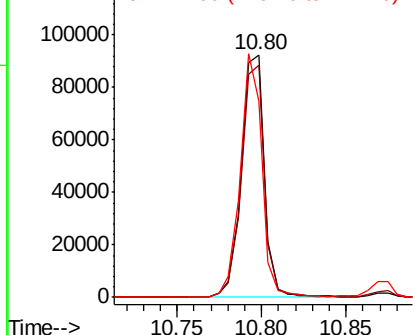
#67
 4-Bromophenyl-phenylether
 Concen: 38.754 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. 0.01 min
 Lab File: BF117476.D
 Acq: 22 Oct 2019 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB124094BS

Tot Ion:248 Resp: 87965
 Ion Ratio Lower Upper
 248 100
 250 95.8 78.0 117.0
 141 80.5 81.7 122.5#

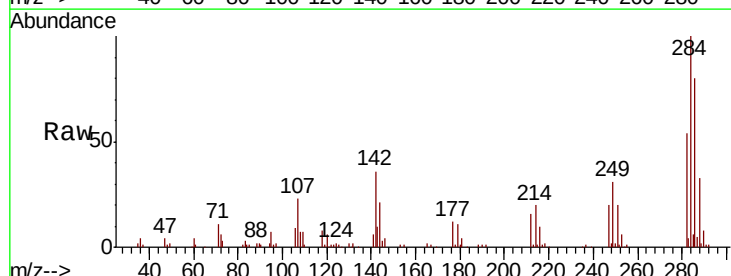


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

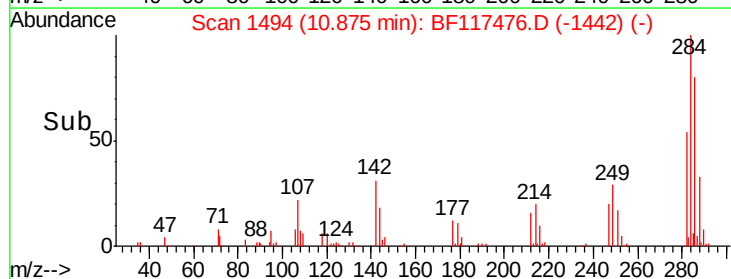
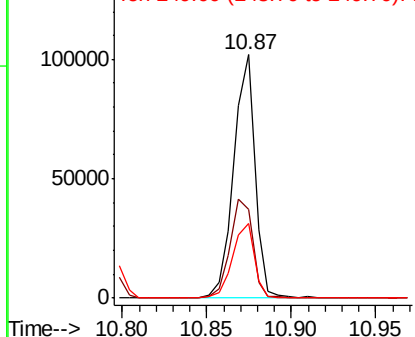


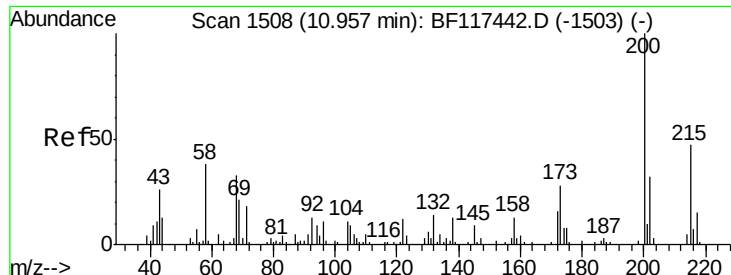
#68
 Hexachlorobenzene
 Concen: 36.697 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. 0.01 min
 Lab File: BF117476.D
 Acq: 22 Oct 2019 14:13

Tgt Ion:284 Resp: 89206
 Ion Ratio Lower Upper
 284 100
 142 36.4 39.0 58.6#
 249 30.9 25.7 38.5



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

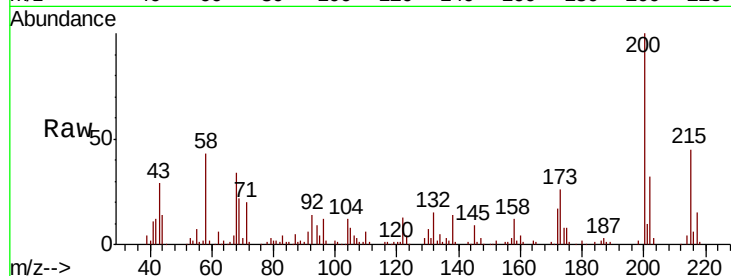




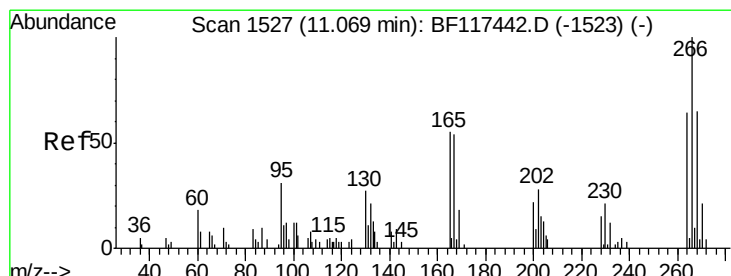
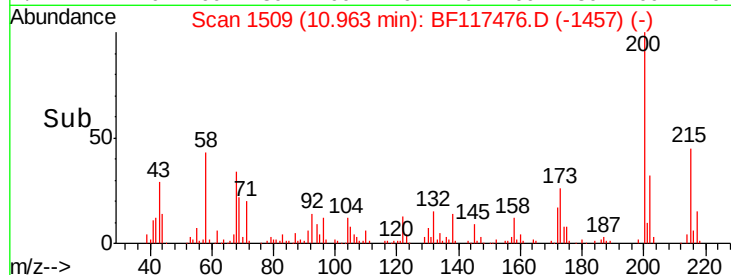
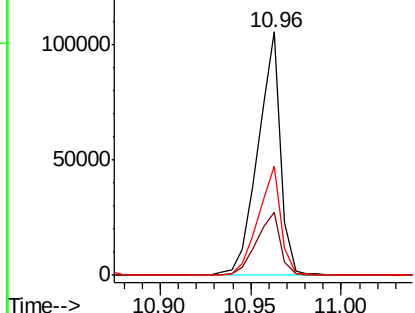
#69
 Atrazine
 Concen: 46.687 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. 0.01 min
 Lab File: BF117476.D
 Acq: 22 Oct 2019 14:13

Instrument :
 BNA_F
 ClientSampled :
 PB124094BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.1	8.2	48.2
215	45.0	26.8	66.8

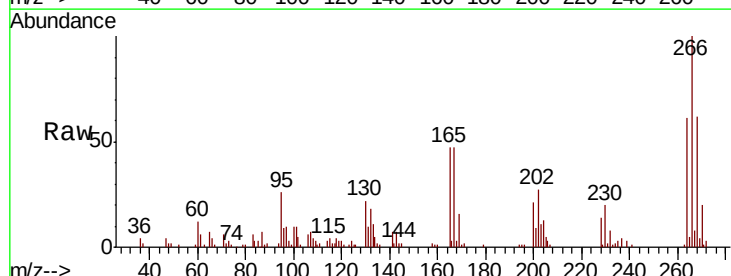


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

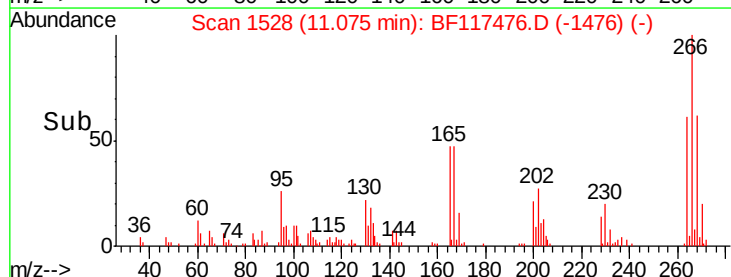
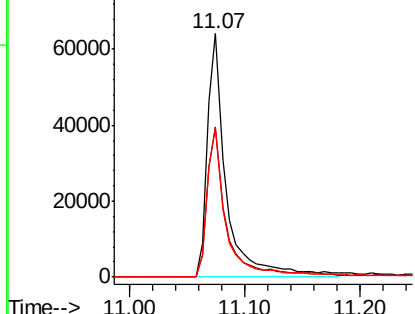


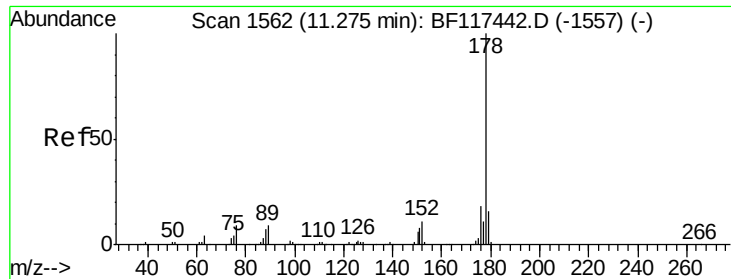
#70
 Pentachlorophenol
 Concen: 101.493 ng
 RT: 11.07 min Scan# 1528
 Delta R.T. 0.01 min
 Lab File: BF117476.D
 Acq: 22 Oct 2019 14:13

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.7	51.6	77.4
264	61.0	51.4	77.2



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

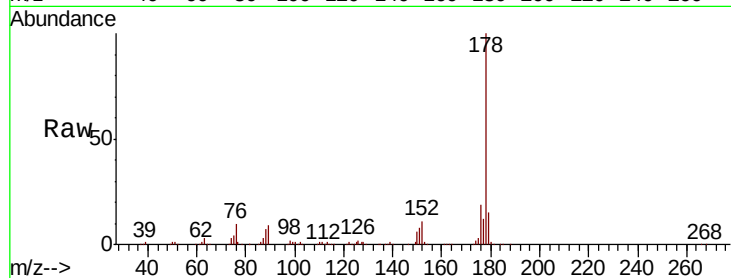




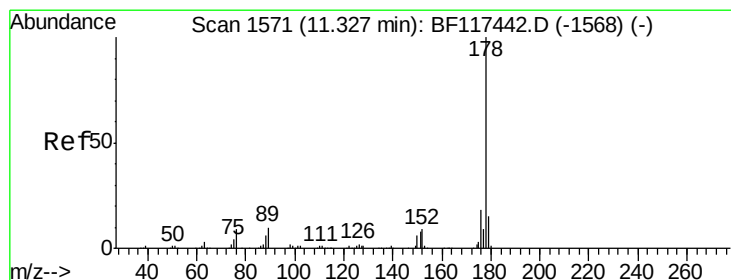
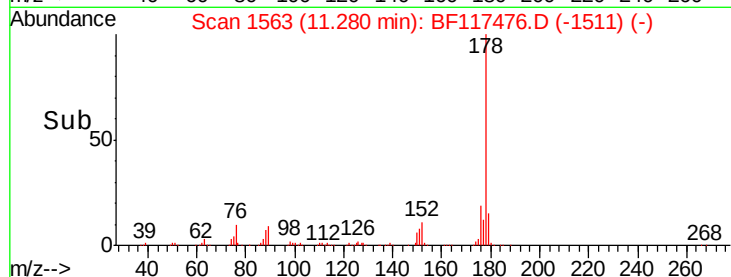
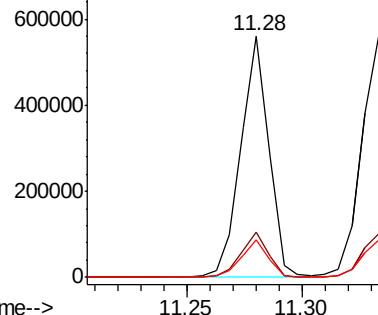
#71
Phenanthrene
Concen: 38.787 ng
RT: 11.28 min Scan# 1563
Delta R.T. 0.01 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Instrument :
BNA_F
ClientSampleId :
PB124094BS

Tot Ion:178 Resp: 474615
Ion Ratio Lower Upper
178 100
176 18.9 14.6 22.0
179 15.5 12.6 19.0

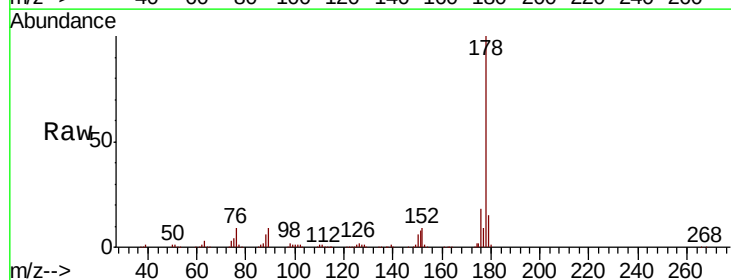


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

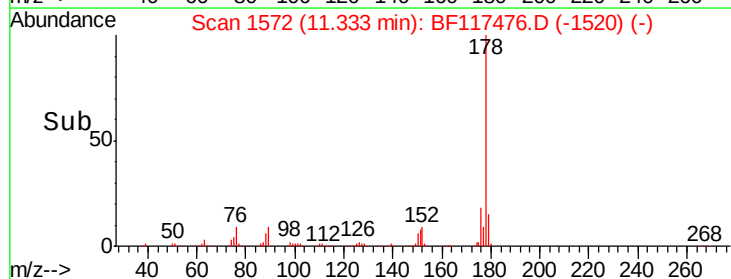
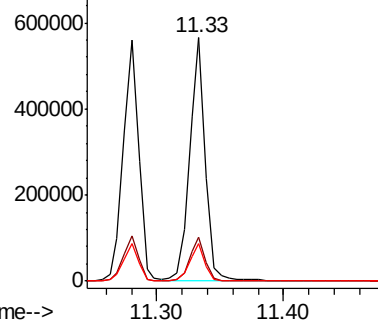


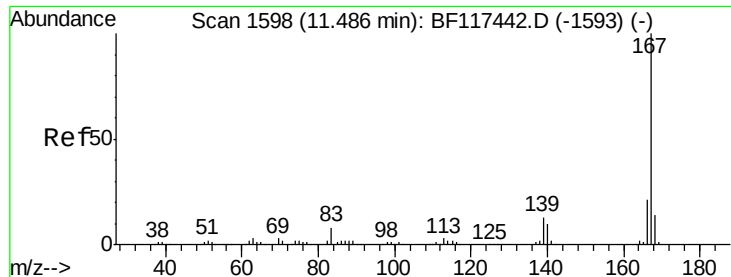
#72
Anthracene
Concen: 39.279 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Tgt Ion:178 Resp: 493164
Ion Ratio Lower Upper
178 100
176 18.2 14.7 22.1
179 15.5 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

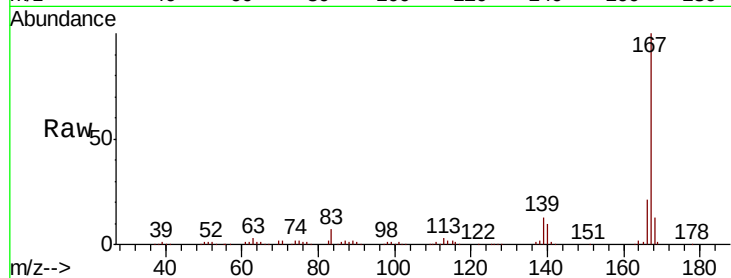




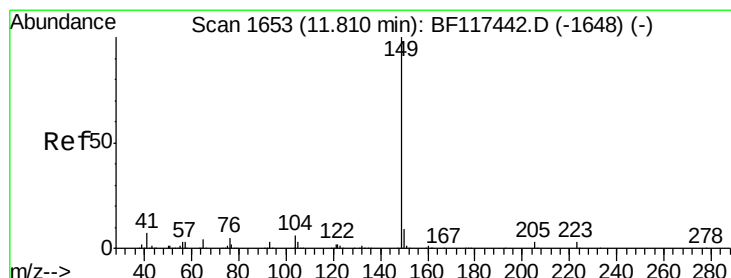
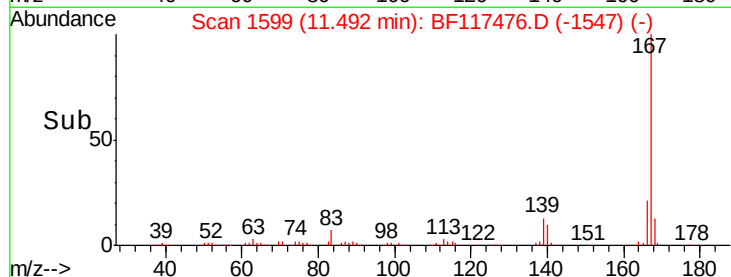
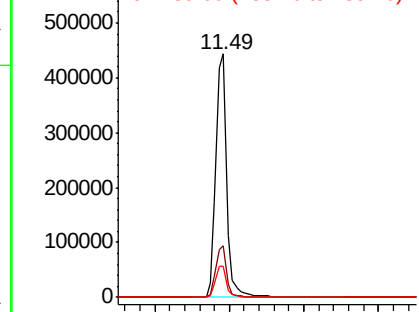
#73
 Carbazole
 Concen: 39.244 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. 0.01 min
 Lab File: BF117476.D
 Acq: 22 Oct 2019 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB124094BS

Tot Ion:167 Resp: 450283
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.0 25.6
 139 12.9 10.6 16.0

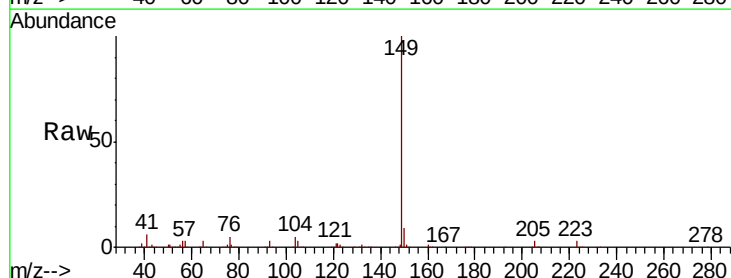


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

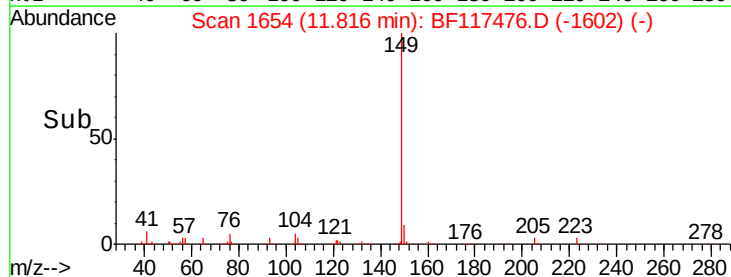
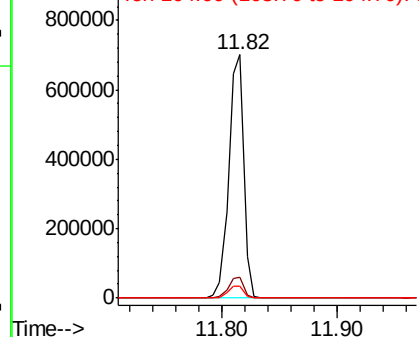


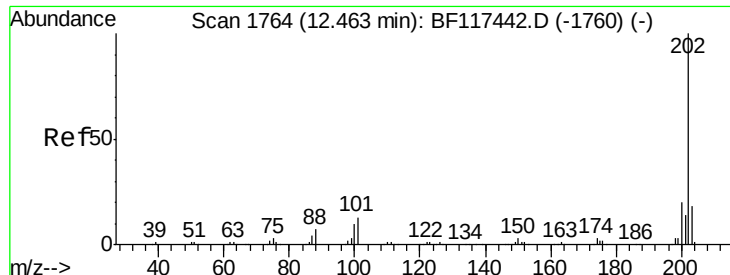
#74
 Di-n-butylphthalate
 Concen: 41.179 ng
 RT: 11.82 min Scan# 1654
 Delta R.T. 0.01 min
 Lab File: BF117476.D
 Acq: 22 Oct 2019 14:13

Tgt Ion:149 Resp: 631326
 Ion Ratio Lower Upper
 149 100
 150 8.6 7.5 11.3
 104 5.0 4.6 6.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E

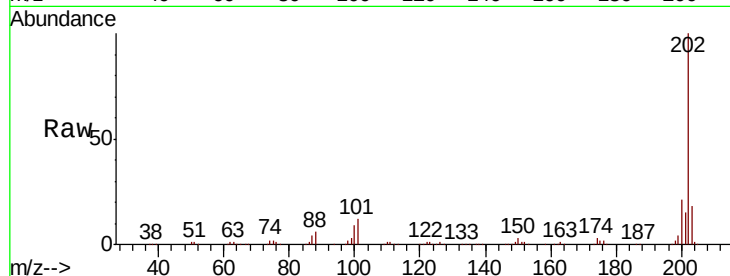




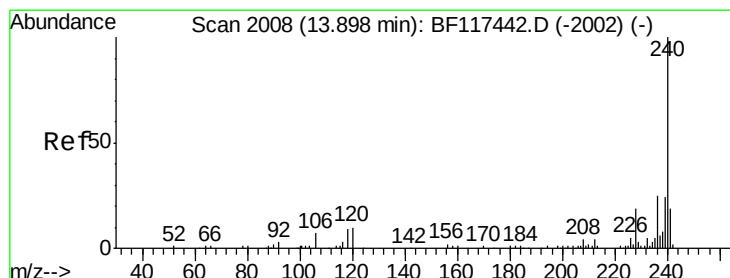
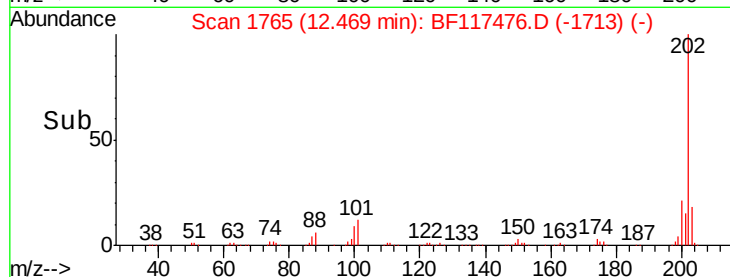
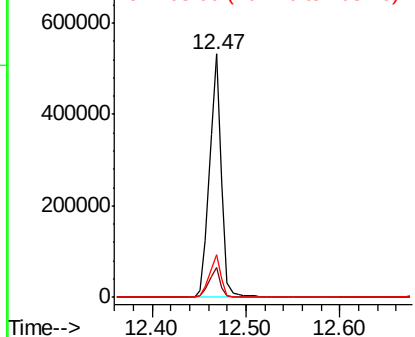
#75
 Fluoranthene
 Concen: 38.955 ng
 RT: 12.47 min Scan# 1765
 Delta R.T. 0.01 min
 Lab File: BF117476.D
 Acq: 22 Oct 2019 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB124094BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	32.7
203	17.8	0.0	37.6

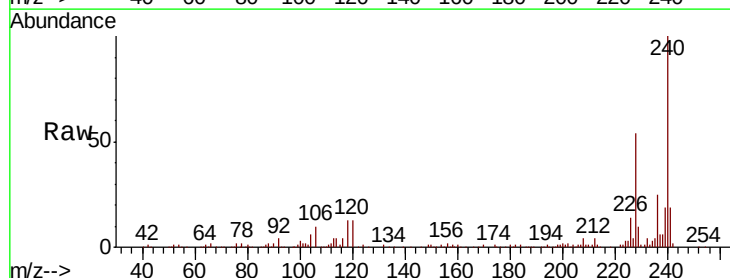


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

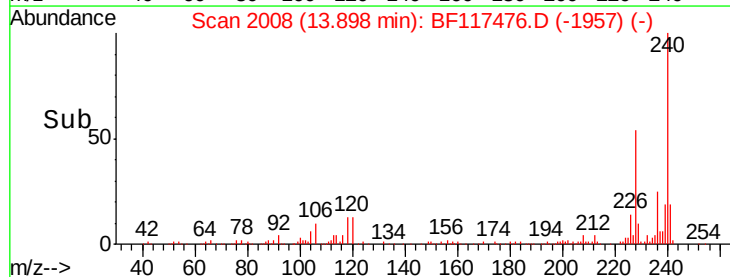
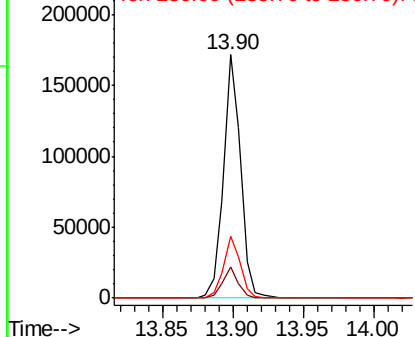


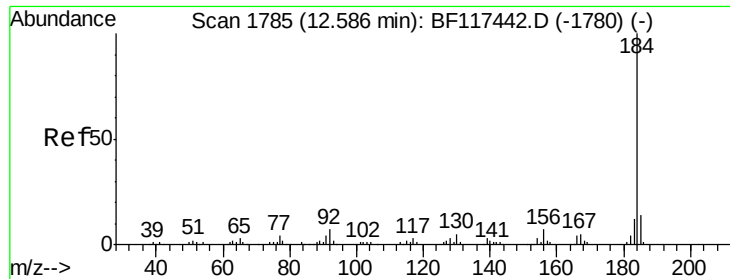
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. 0.00 min
 Lab File: BF117476.D
 Acq: 22 Oct 2019 14:13

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.0	8.4	12.6#
236	25.4	20.0	30.0



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: 16.263 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF117476.D

Acq: 22 Oct 2019 14:13

Instrument :

BNA_F

ClientSampleId :

PB124094BS

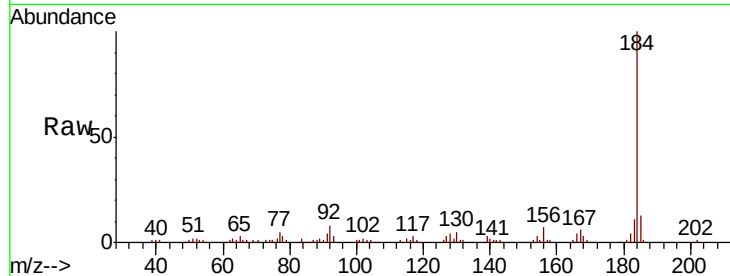
Tot Ion:184 Resp: 82815

Ion Ratio Lower Upper

184 100

185 13.1 11.4 17.0

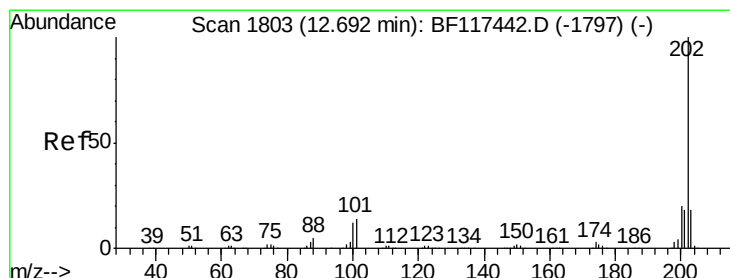
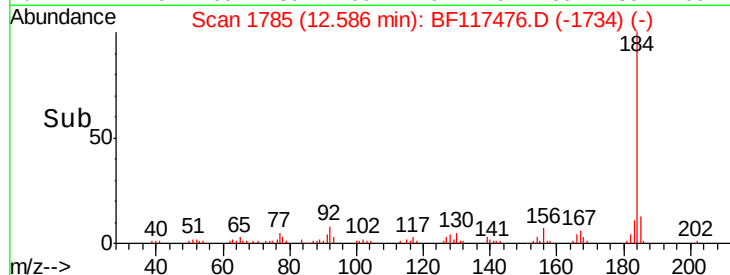
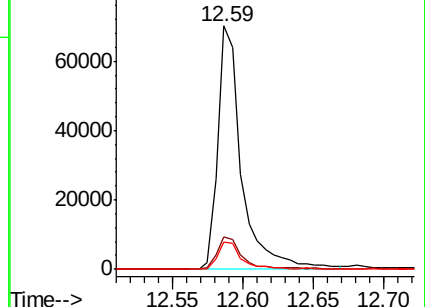
183 10.9 9.6 14.4



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: 38.432 ng

RT: 12.70 min Scan# 1804

Delta R.T. 0.01 min

Lab File: BF117476.D

Acq: 22 Oct 2019 14:13

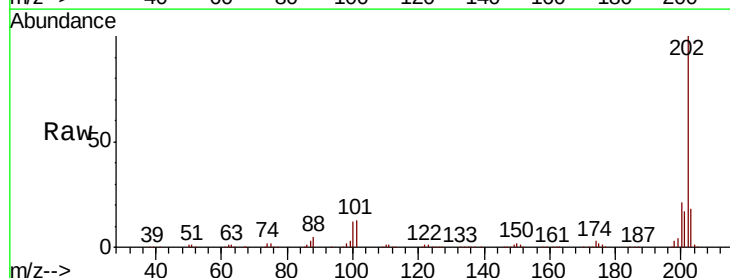
Tgt Ion:202 Resp: 477157

Ion Ratio Lower Upper

202 100

200 20.6 16.2 24.2

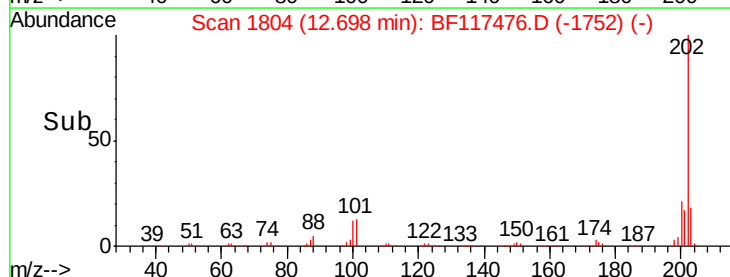
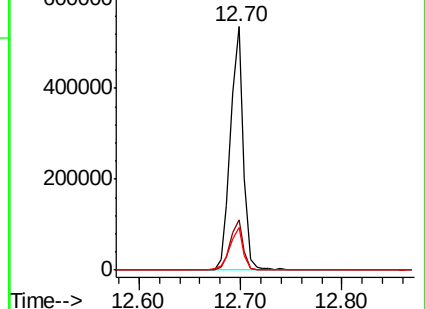
203 17.5 14.0 21.0

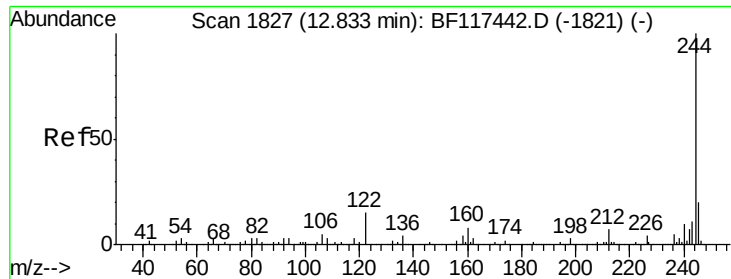


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

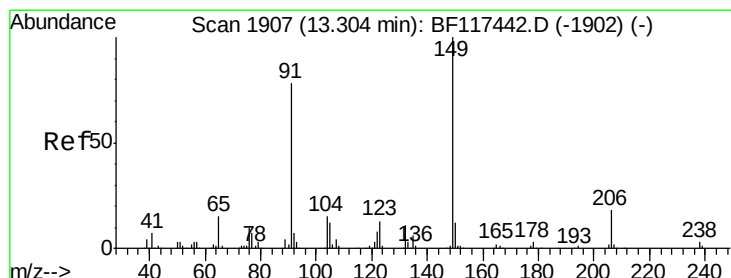
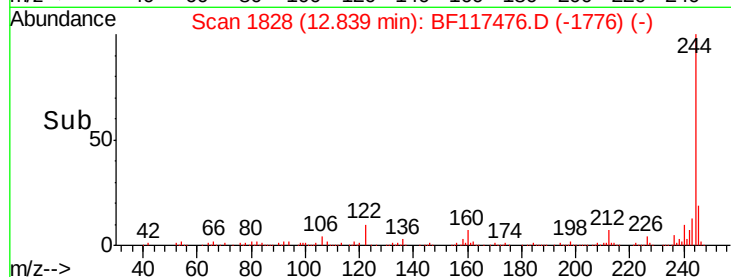
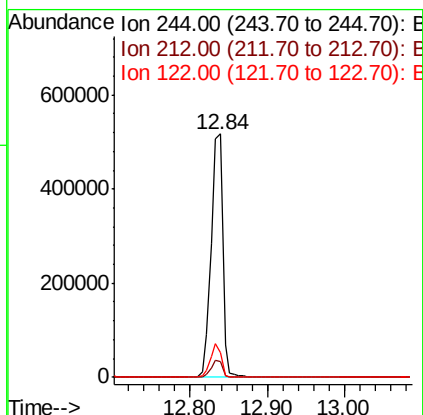
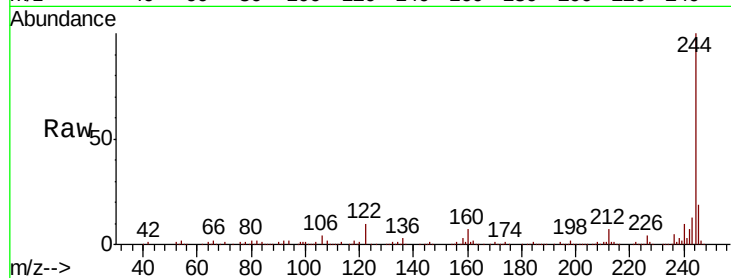




#79
 Terphenyl-d14
 Concen: 60.293 ng
 RT: 12.84 min Scan# 1828
 Delta R.T. 0.01 min
 Lab File: BF117476.D
 Acq: 22 Oct 2019 14:13

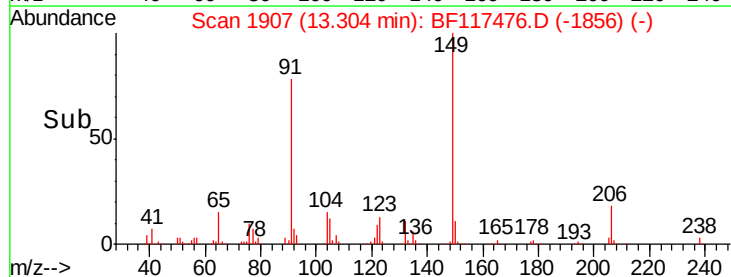
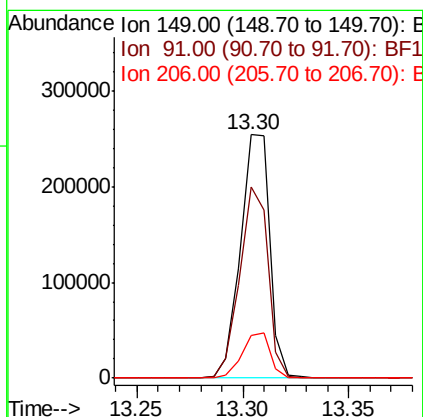
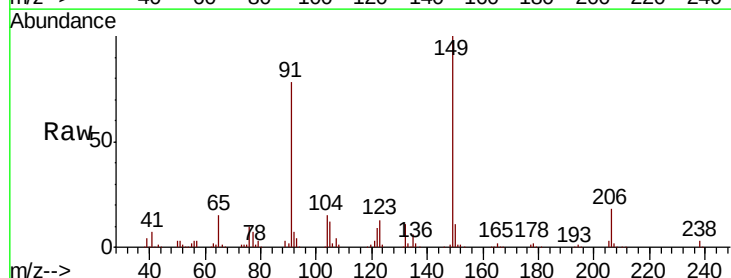
Instrument :
 BNA_F
 ClientSampleId :
 PB124094BS

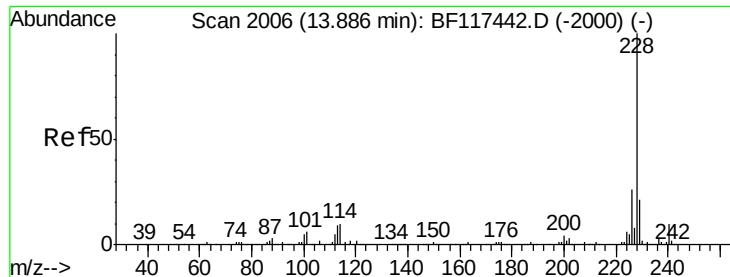
Tot Ion:244 Resp: 534296
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.8 8.6
 122 10.4 11.8 17.8#



#80
 Butylbenzylphthalate
 Concen: 39.707 ng
 RT: 13.30 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: BF117476.D
 Acq: 22 Oct 2019 14:13

Tgt Ion:149 Resp: 245321
 Ion Ratio Lower Upper
 149 100
 91 78.5 62.1 93.1
 206 17.6 14.3 21.5





#81

Benzo(a)anthracene

Concen: 38.235 ng

RT: 13.89 min Scan# 2006

Delta R.T. 0.00 min

Lab File: BF117476.D

Acq: 22 Oct 2019 14:13

Instrument :

BNA_F

ClientSampled :

PB124094BS

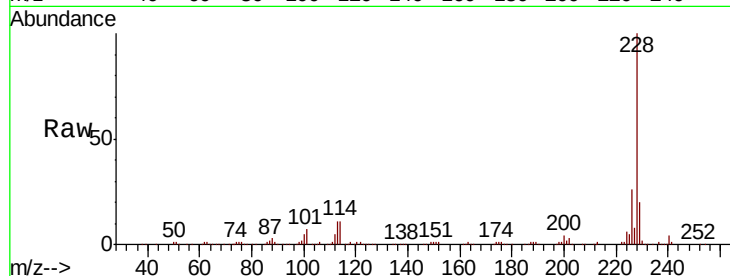
Tot Ion:228 Resp: 372793

Ion Ratio Lower Upper

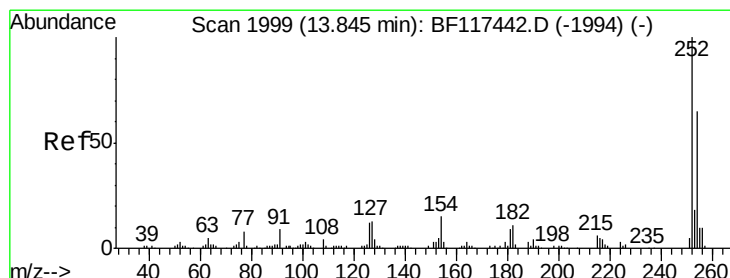
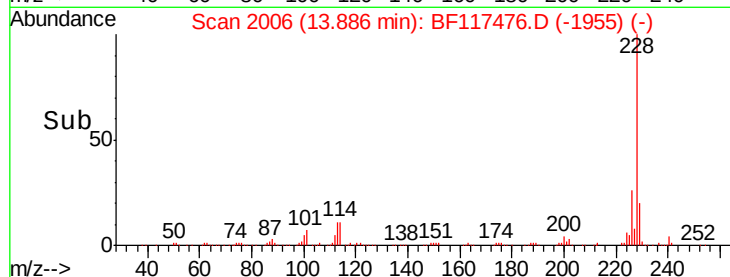
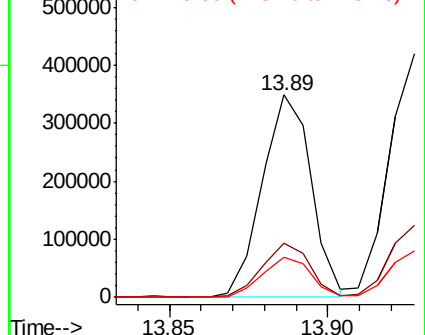
228 100

226 26.5 21.0 31.4

229 20.0 16.4 24.6



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: 34.522 ng

RT: 13.84 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BF117476.D

Acq: 22 Oct 2019 14:13

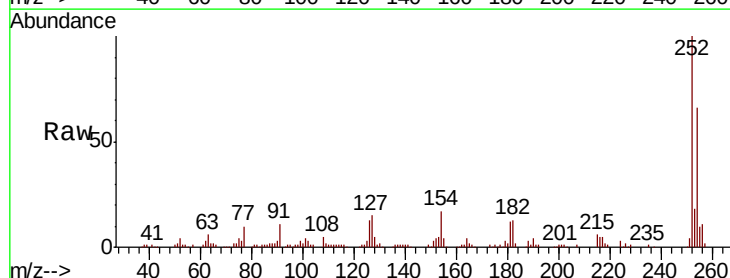
Tgt Ion:252 Resp: 105618

Ion Ratio Lower Upper

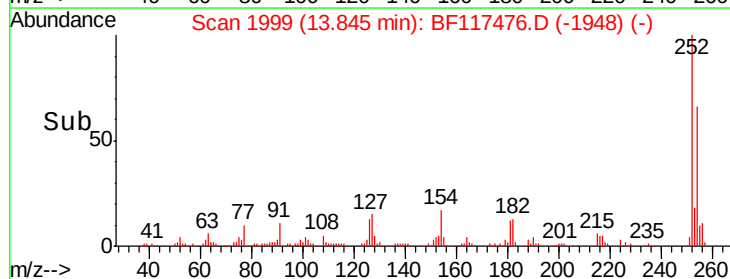
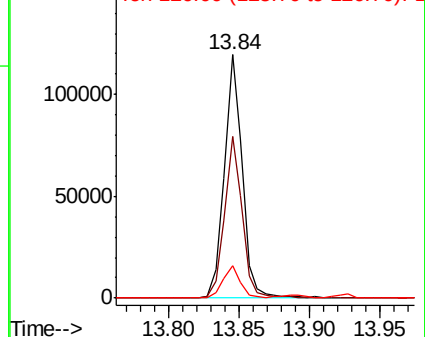
252 100

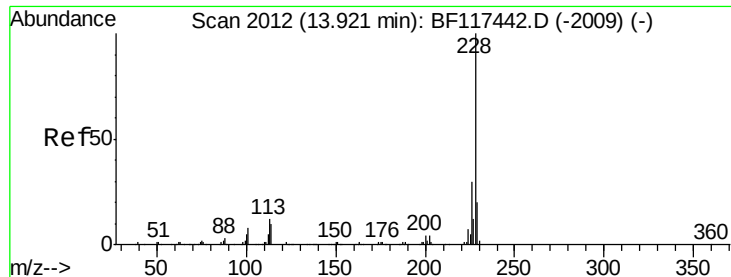
254 66.4 52.2 78.4

126 13.2 9.2 13.8



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: 38.209 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.01 min

Lab File: BF117476.D

Acq: 22 Oct 2019 14:13

Instrument :

BNA_F

ClientSampleId :

PB124094BS

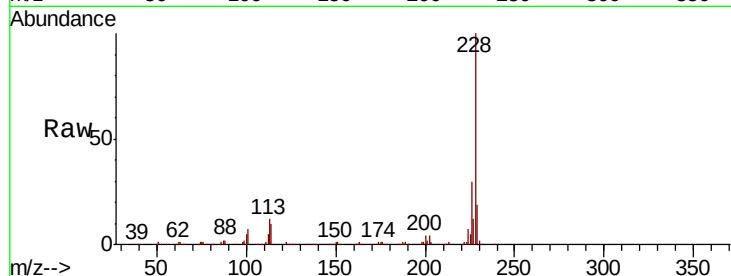
Tot Ion:228 Resp: 365107

Ion Ratio Lower Upper

228 100

226 29.8 23.9 35.9

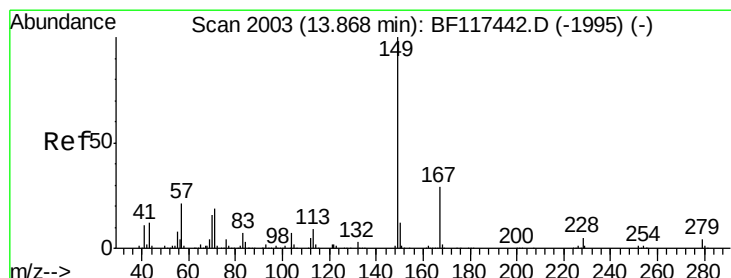
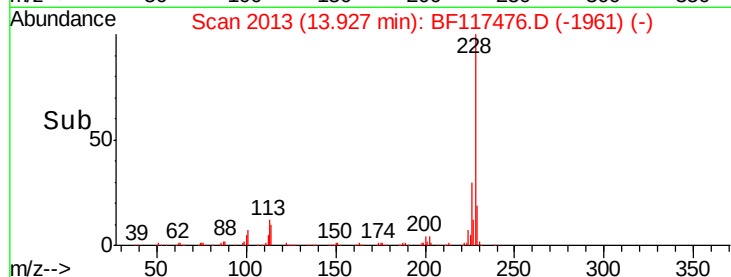
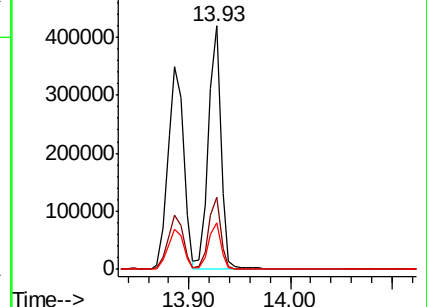
229 19.3 15.8 23.6



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: 41.902 ng

RT: 13.87 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BF117476.D

Acq: 22 Oct 2019 14:13

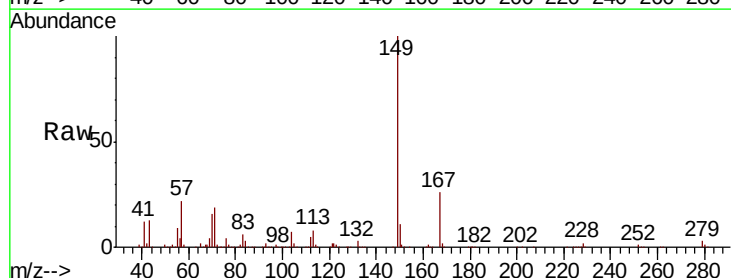
Tgt Ion:149 Resp: 362642

Ion Ratio Lower Upper

149 100

167 26.3 23.3 34.9

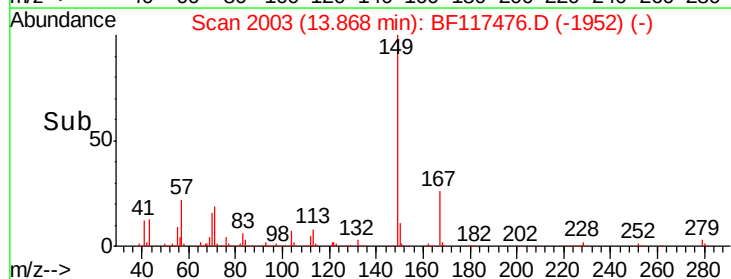
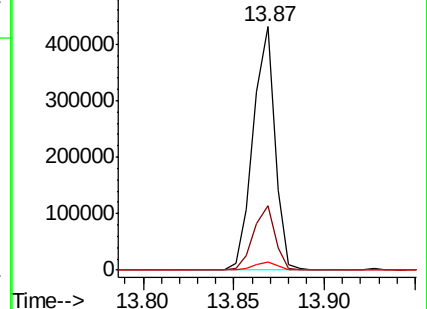
279 3.2 3.2 4.8#

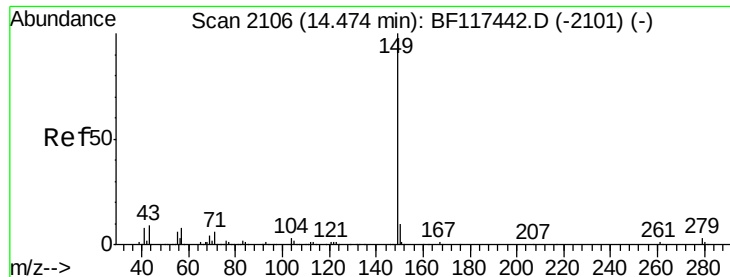


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

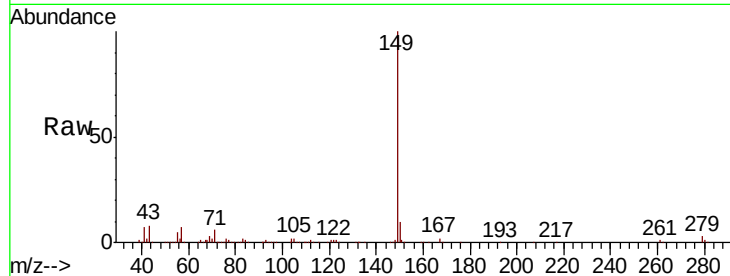




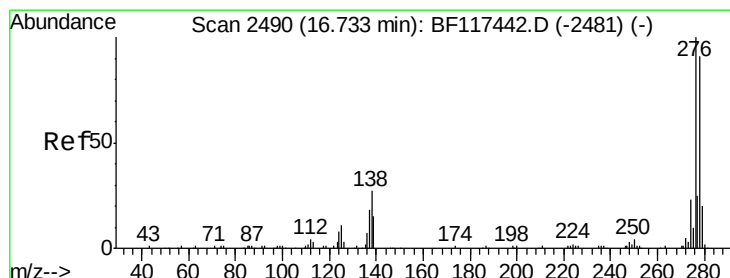
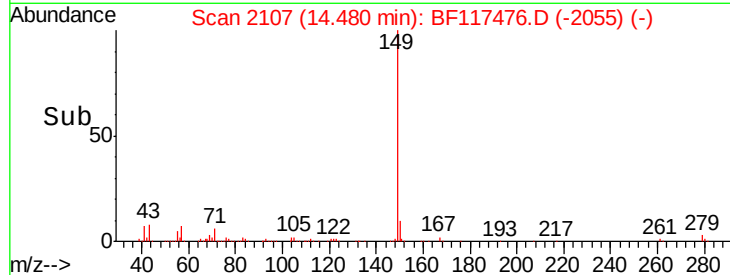
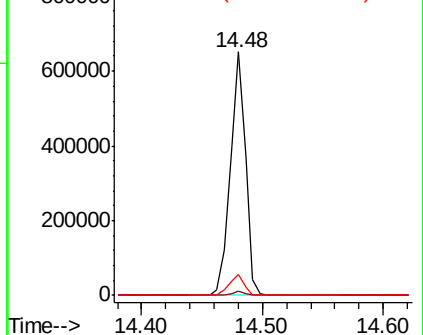
#85
Di-n-octyl phthalate
Concen: 42.868 ng
RT: 14.48 min Scan# 2107
Delta R.T. 0.01 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Instrument :
BNA_F
ClientSampleId :
PB124094BS

Tot Ion:149 Resp: 570415
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 8.5 6.8 10.2

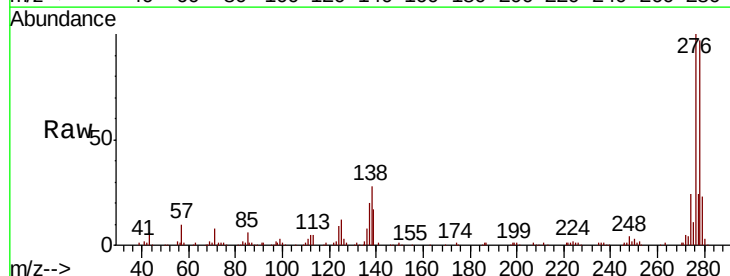


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

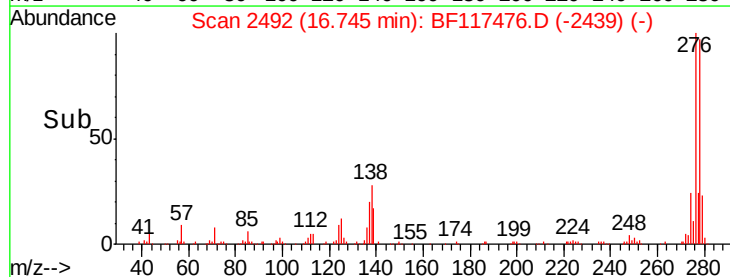
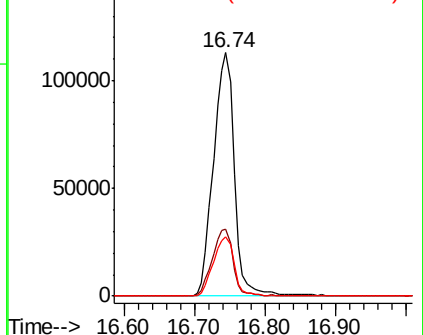


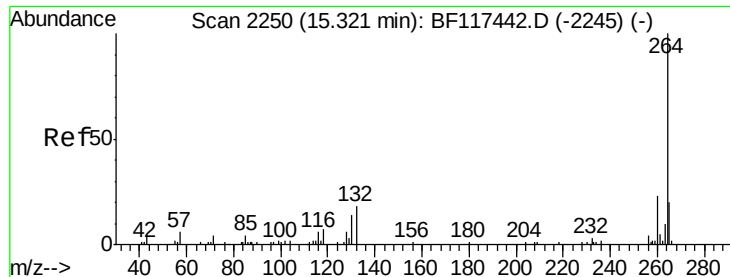
#86
Indeno(1,2,3-cd)pyrene
Concen: 32.651 ng
RT: 16.74 min Scan# 2492
Delta R.T. 0.01 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Tgt Ion:276 Resp: 232945
Ion Ratio Lower Upper
276 100
138 27.4 21.8 32.8
277 24.4 20.0 30.0



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



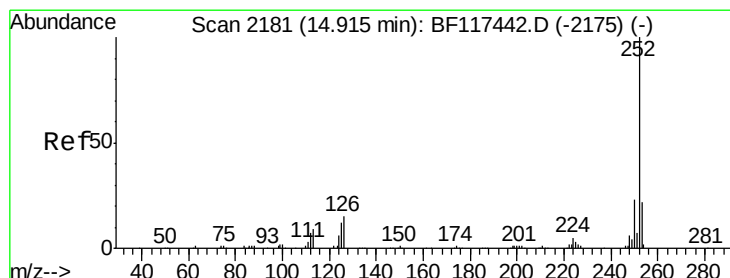
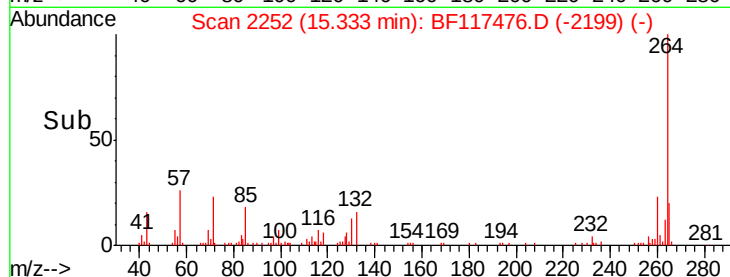
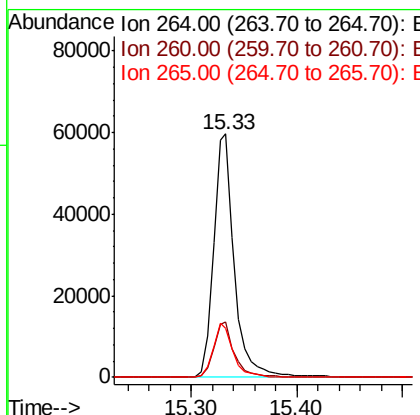
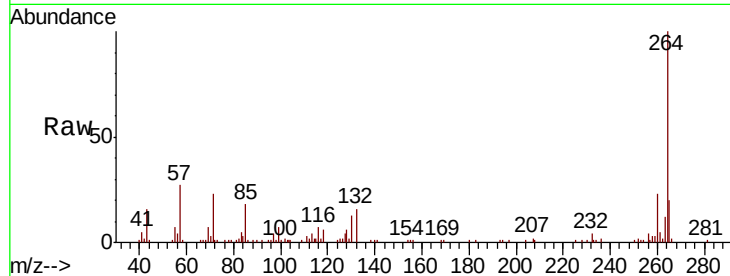


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Instrument :
BNA_F
ClientSampleId :
PB124094BS

Tot Ion:264 Resp: 81760

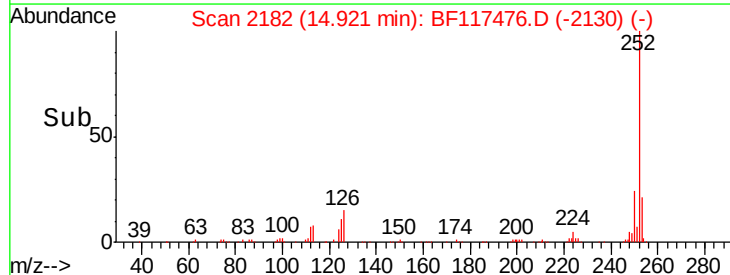
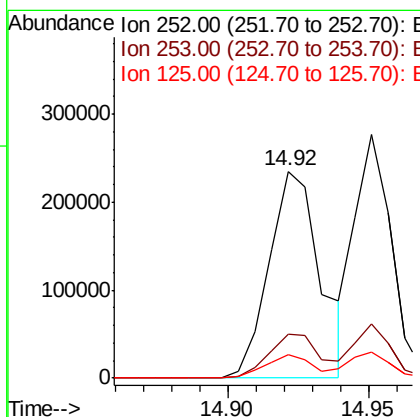
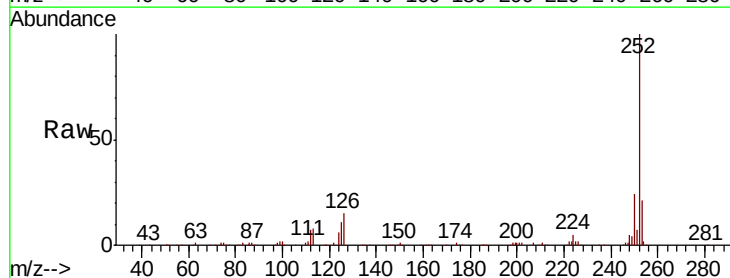
Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.4	27.6
265	20.3	16.1	24.1

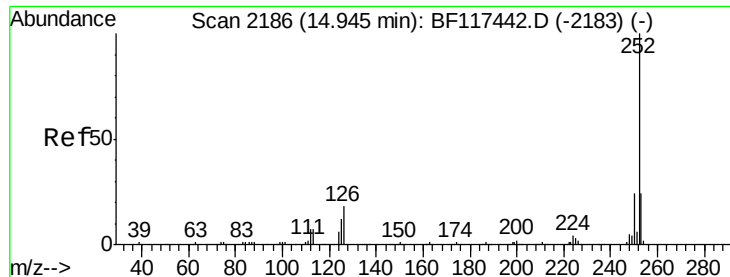


#88
Benzo(b)fluoranthene
Concen: 61.677 ng
RT: 14.92 min Scan# 2182
Delta R.T. 0.01 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Tgt Ion:252 Resp: 297777

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.8	26.6
125	11.5	9.9	14.9

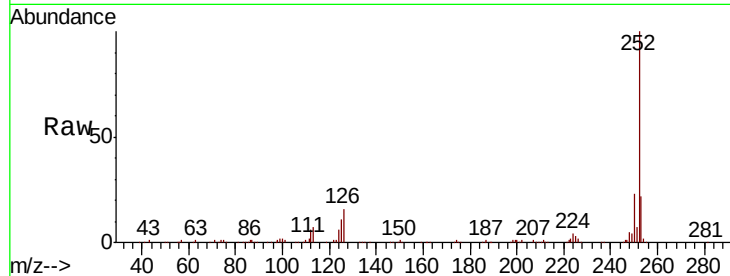




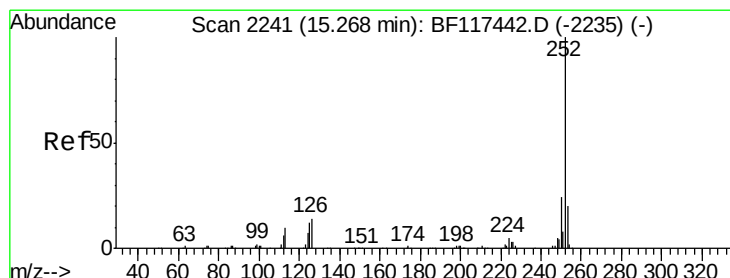
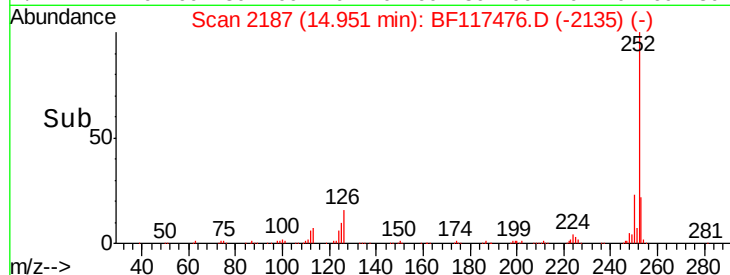
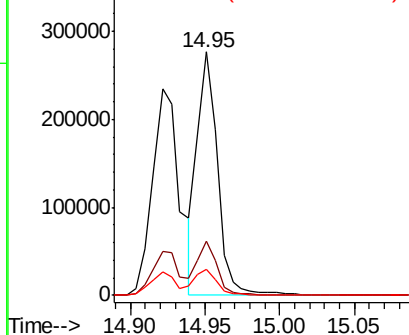
#89
Benzo(k)fluoranthene
Concen: 52.005 ng
RT: 14.95 min Scan# 2187
Delta R.T. 0.01 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Instrument :
BNA_F
ClientSampleId :
PB124094BS

Tot Ion:252 Resp: 257341
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 10.6 8.9 13.3

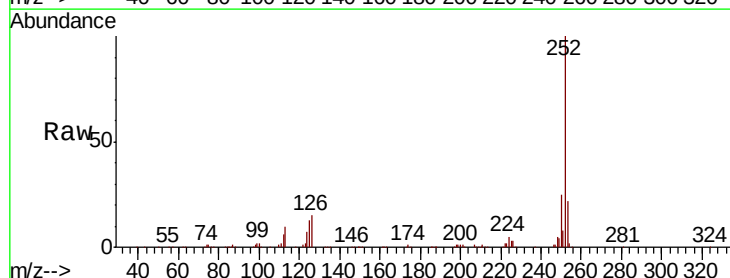


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

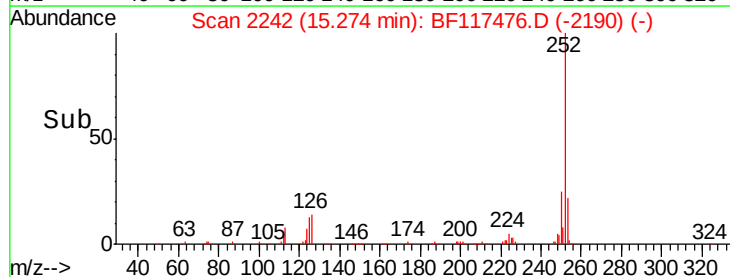
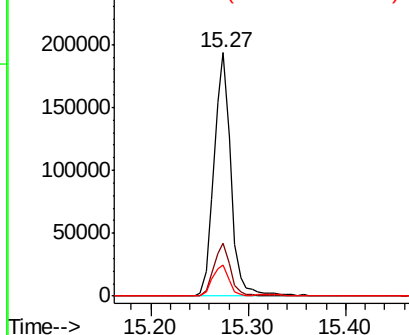


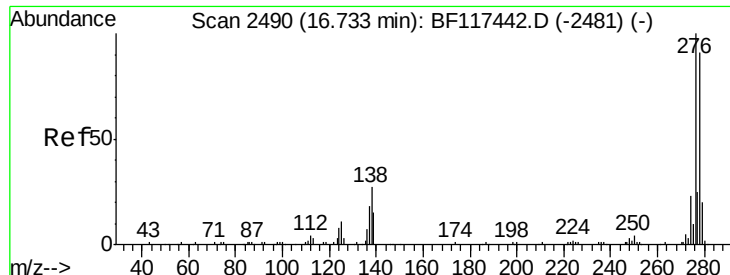
#90
Benzo(a)pyrene
Concen: 53.002 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.01 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Tgt Ion:252 Resp: 232661
Ion Ratio Lower Upper
252 100
253 21.8 16.3 24.5
125 13.0 9.2 13.8



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





#91

Dibenzo(a,h)anthracene

Concen: 51.852 ng

RT: 16.74 min Scan# 2492

Delta R.T. 0.01 min

Lab File: BF117476.D

Acq: 22 Oct 2019 14:13

Instrument :

BNA_F

ClientSampleId :

PB124094BS

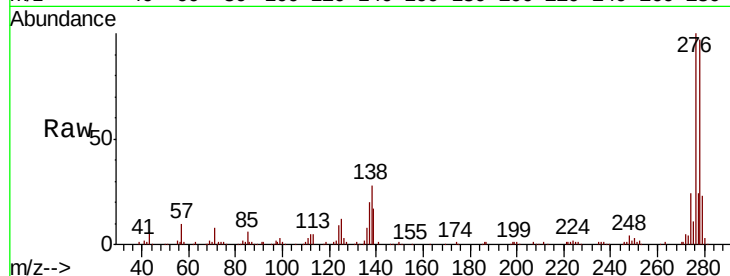
Tot Ion:278 Resp: 196813

Ion Ratio Lower Upper

278 100

139 17.8 13.4 20.0

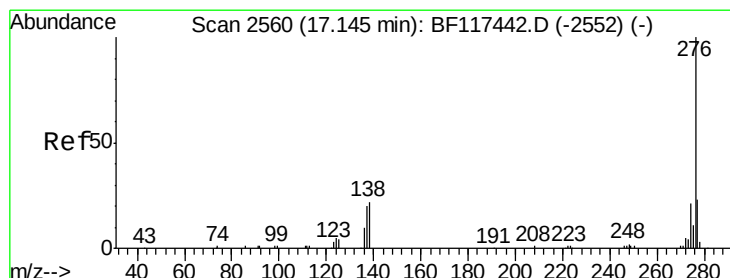
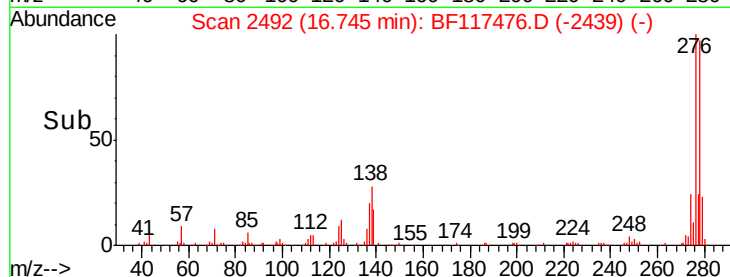
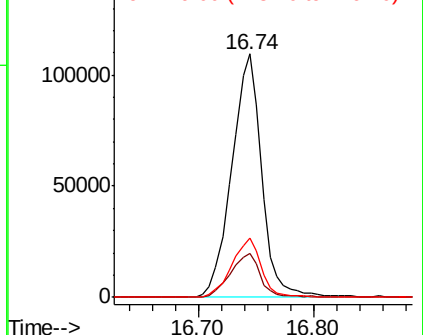
279 24.3 17.8 26.6



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: 52.723 ng

RT: 17.16 min Scan# 2563

Delta R.T. 0.02 min

Lab File: BF117476.D

Acq: 22 Oct 2019 14:13

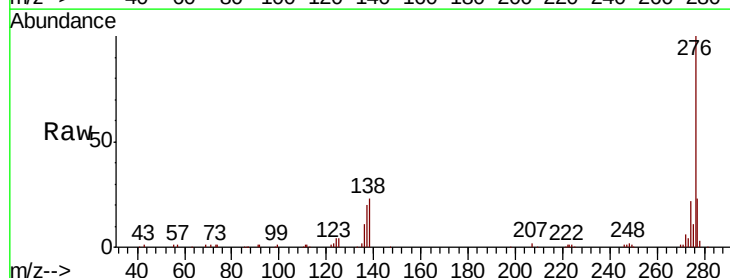
Tgt Ion:276 Resp: 189347

Ion Ratio Lower Upper

276 100

277 22.8 18.4 27.6

138 22.6 17.8 26.6



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

