

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102319\
 Data File : BF117496.D
 Acq On : 23 Oct 2019 21:10
 Operator : JU
 Sample : K5494-02MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 24 08:24:39 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	45674	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	182935	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	95751	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	146984	20.00	ng	0.00
76) Chrysene-d12	13.89	240	82097	20.00	ng	0.00
87) Perylene-d12	15.32	264	97566	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.36	112	267165	87.02	ng	0.00
7) Phenol-d6	6.39	99	377574	91.57	ng	0.00
23) Nitrobenzene-d5	7.30	82	238084	64.25	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	67050	80.93	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	375838	55.31	ng	0.00
79) Terphenyl-d14	12.83	244	298794	59.36	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.45	88	47978	37.170	ng	95
3) Pyridine	3.17	79	109302	34.591	ng	92
4) n-Nitrosodimethylamine	3.11	42	50046	43.657	ng	97
6) Aniline	6.40	93	126640	26.160	ng	# 9
8) 2-Chlorophenol	6.52	128	142283	43.920	ng	98
9) Benzaldehyde	6.28	77	83380	42.192	ng	98
10) Phenol	6.40	94	184026	43.726	ng	83
11) bis(2-Chloroethyl)ether	6.47	93	131200	42.147	ng	97
12) 1,3-Dichlorobenzene	6.67	146	144702	40.026	ng	97
13) 1,4-Dichlorobenzene	6.75	146	150443	41.021	ng	98
14) 1,2-Dichlorobenzene	6.90	146	139874	40.461	ng	97
15) Benzyl Alcohol	6.89	79	126927	43.084	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.01	45	133108	39.638	ng	65
17) 2-Methylphenol	7.00	107	116353	43.659	ng	93
18) Hexachloroethane	7.24	117	55954	39.089	ng	94
19) n-Nitroso-di-n-propylamine	7.15	70	107255	42.590	ng	98
20) 3+4-Methylphenols	7.16	107	149226	42.708	ng	# 79
22) Acetophenone	7.15	105	206068	42.422	ng	# 94
24) Nitrobenzene	7.32	77	156853	44.194	ng	96
25) Isophorone	7.56	82	289281	45.127	ng	98
26) 2-Nitrophenol	7.64	139	72941	46.080	ng	98
27) 2,4-Dimethylphenol	7.68	122	123286	52.115	ng	98
28) bis(2-Chloroethoxy)methane	7.77	93	168231	42.531	ng	97
29) 2,4-Dichlorophenol	7.89	162	111828	45.069	ng	98
30) 1,2,4-Trichlorobenzene	7.96	180	115221	43.272	ng	98
31) Naphthalene	8.04	128	406163	44.793	ng	99
32) Benzoic acid	7.84	122	66695	41.161	ng	95
33) 4-Chloroaniline	8.10	127	42496	11.105	ng	96
34) Hexachlorobutadiene	8.15	225	61930	40.183	ng	98
35) Caprolactam	8.47	113	23584	29.587	ng	95
36) 4-Chloro-3-methylphenol	8.59	107	130466	46.104	ng	96
37) 2-Methylnaphthalene	8.73	142	278835	45.636	ng	100
38) 1-Methylnaphthalene	8.83	142	264739	46.111	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	101910	39.516	ng	96

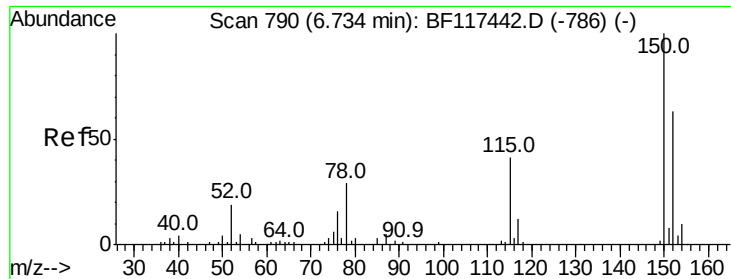
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102319\
 Data File : BF117496.D
 Acq On : 23 Oct 2019 21:10
 Operator : JU
 Sample : K5494-02MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 24 08:24:39 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)
41) Hexachlorocyclopentadiene	8.88	237	25160	46.713	nq	95
43) 2,4,6-Trichlorophenol	9.02	196	72361	44.805	nq	100
44) 2,4,5-Trichlorophenol	9.06	196	75465	46.113	nq	95
46) 1,1'-Biphenyl	9.19	154	324550	40.943	nq	98
47) 2-Chloronaphthalene	9.22	162	248943	41.652	nq	98
48) 2-Nitroaniline	9.32	65	82635	42.117	nq	99
49) Acenaphthylene	9.63	152	389820	44.404	nq	98
50) Dimethylphthalate	9.49	163	391677	57.380	nq	100
51) 2,6-Dinitrotoluene	9.56	165	63567	44.627	nq	97
52) Acenaphthene	9.80	154	230036	42.710	nq	98
53) 3-Nitroaniline	9.73	138	34035	19.693	nq	94
54) 2,4-Dinitrophenol	9.86	184	17555	32.618	nq	90
55) Dibenzofuran	9.97	168	345299	44.250	nq	99
56) 4-Nitrophenol	9.92	139	75123	93.683	nq	# 85
57) 2,4-Dinitrotoluene	9.97	165	84425	44.580	nq	98
58) Fluorene	10.32	166	279303	43.282	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.10	232	60654	47.156	nq	99
60) Diethylphthalate	10.19	149	295864	42.852	nq	99
61) 4-Chlorophenyl-phenylether	10.30	204	122346	42.258	nq	96
62) 4-Nitroaniline	10.35	138	53518	32.853	nq	97
63) Azobenzene	10.47	77	314795	44.539	nq	98
65) 4,6-Dinitro-2-methylphenol	10.39	198	17864	23.905	nq	91
66) n-Nitrosodiphenylamine	10.43	169	248372	46.222	nq	99
67) 4-Bromophenyl-phenylether	10.79	248	68602	43.332	nq	98
68) Hexachlorobenzene	10.87	284	71589	42.223	nq	93
69) Atrazine	10.96	200	75805	55.448	nq	95
70) Pentachlorophenol	11.07	266	60379	118.790	nq	97
71) Phenanthrene	11.27	178	390564	45.761	nq	99
72) Anthracene	11.33	178	396570	45.285	nq	99
73) Carbazole	11.49	167	356073	44.492	nq	99
74) Di-n-butylphthalate	11.81	149	483085	45.176	nq	100
75) Fluoranthene	12.46	202	356214	41.692	nq	100
77) Benzdine	12.59	184	183801	Below Cal		98
78) Pyrene	12.69	202	340546	48.293	nq	98
80) Butylbenzylphthalate	13.30	149	170187	48.499	nq	96
81) Benzo(a)anthracene	13.88	228	252694	45.631	nq	99
82) 3,3'-Dichlorobenzidine	13.84	252	77529	44.616	nq	98
83) Chrysene	13.92	228	244954	45.133	nq	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	237495	48.315	nq	97
85) Di-n-octyl phthalate	14.47	149	363522	48.100	nq	99
86) Indeno(1,2,3-cd)pyrene	16.74	276	221211	54.592	nq	99
88) Benzo(b)fluoranthene	14.92	252	232245	40.311	nq	99
89) Benzo(k)fluoranthene	14.94	252	238658	40.416	nq	99
90) Benzo(a)pyrene	15.27	252	222354	42.448	nq	99
91) Dibenzo(a,h)anthracene	16.73	278	189915	41.929	nq	98
92) Benzo(g,h,i)perylene	17.16	276	171531	40.025	nq	98

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

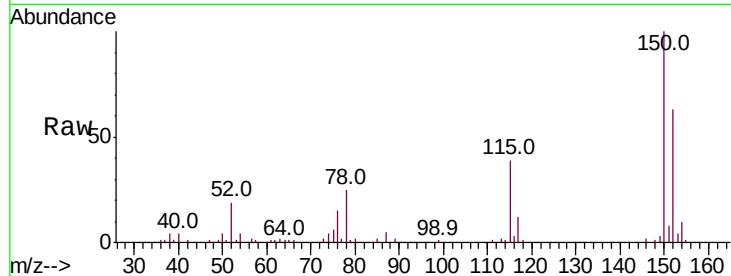


#1

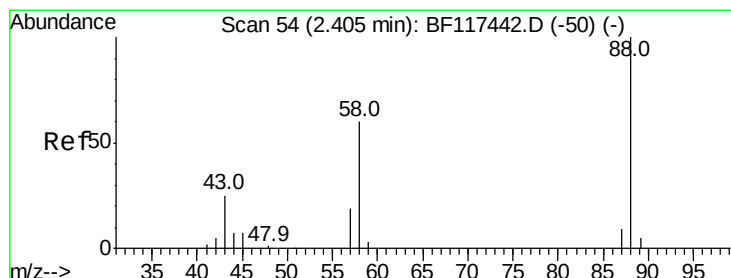
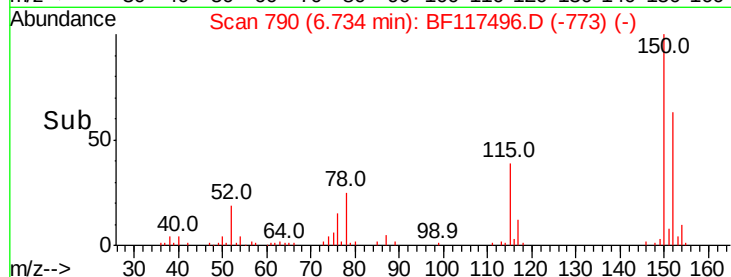
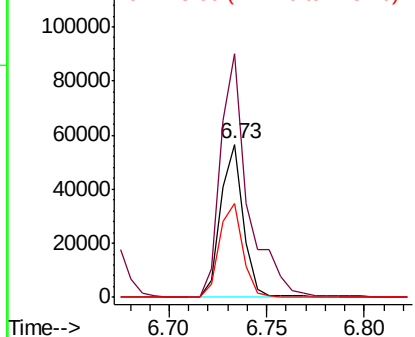
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 45674
Ion Ratio Lower Upper
152 100
150 158.9 126.8 190.2
115 61.5 51.6 77.4



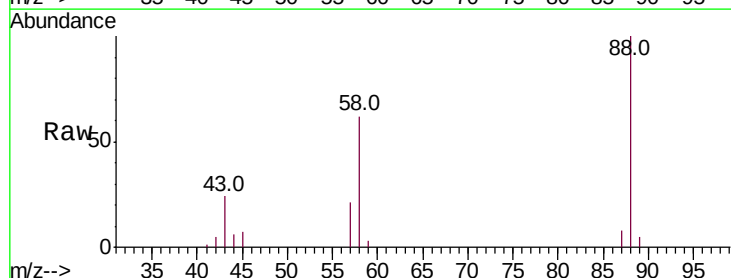
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



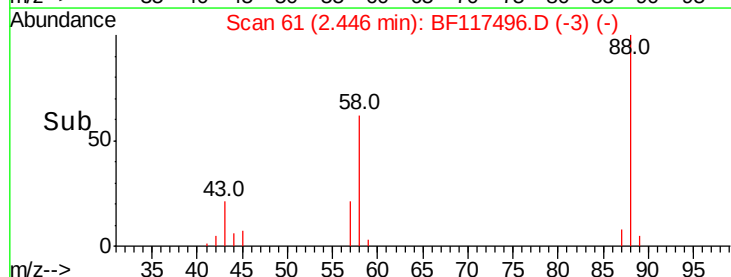
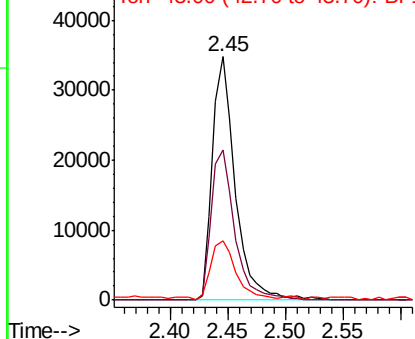
#2

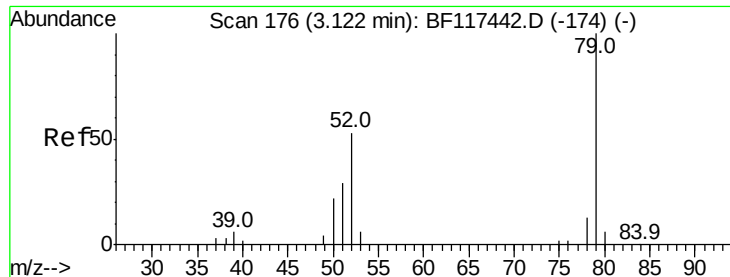
1,4-Dioxane
Concen: 37.170 ng
RT: 2.45 min Scan# 61
Delta R.T. 0.04 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Tgt Ion: 88 Resp: 47978
Ion Ratio Lower Upper
88 100
58 63.3 48.8 73.2
43 27.4 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: 34.591 ng

RT: 3.17 min Scan# 184

Delta R.T. 0.05 min

Lab File: BF117496.D

Acq: 23 Oct 2019 21:10

Instrument :

BNA_F

ClientSampled :

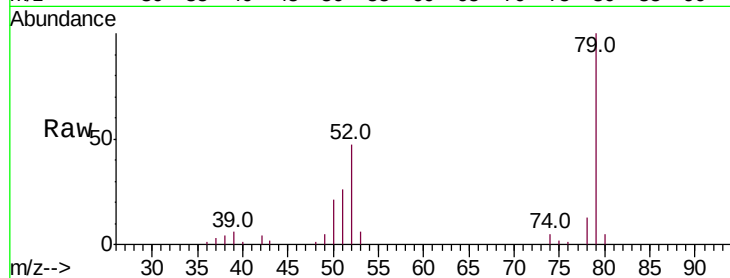
Tot Ion: 79 Resp: 109302

Ion Ratio Lower Upper

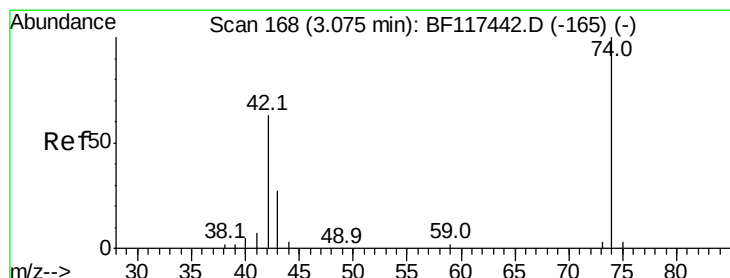
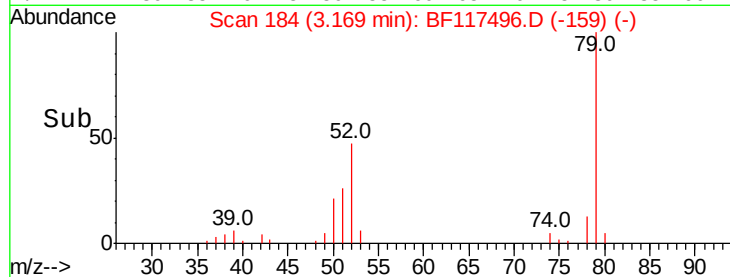
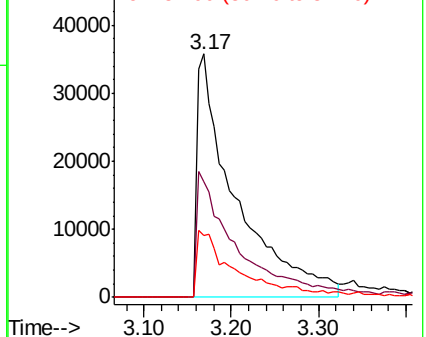
79 100

52 47.3 42.4 63.6

51 25.5 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: 43.657 ng

RT: 3.11 min Scan# 174

Delta R.T. 0.04 min

Lab File: BF117496.D

Acq: 23 Oct 2019 21:10

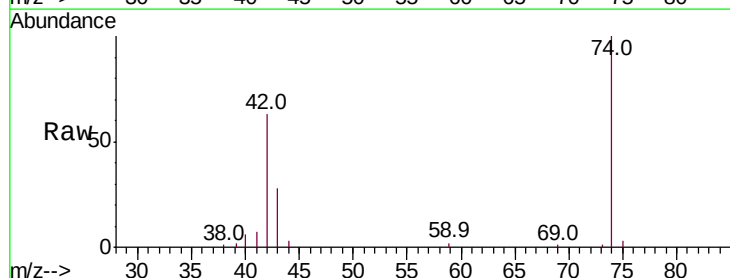
Tgt Ion: 42 Resp: 50046

Ion Ratio Lower Upper

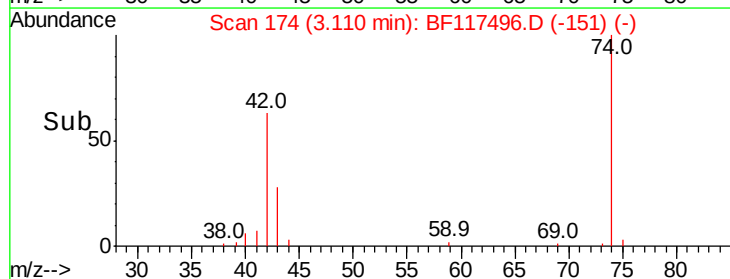
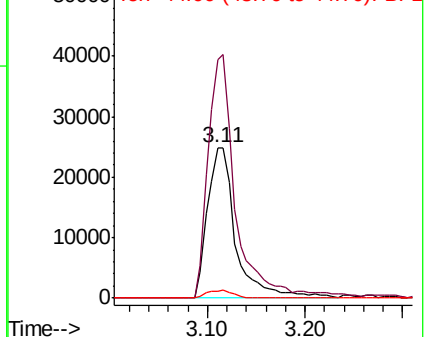
42 100

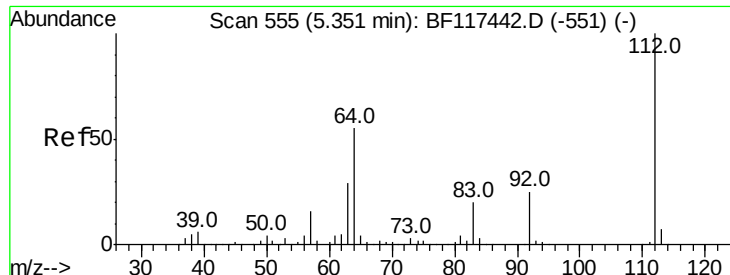
74 158.6 124.2 186.4

44 4.4 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: 87.022 ng

RT: 5.36 min Scan# 556

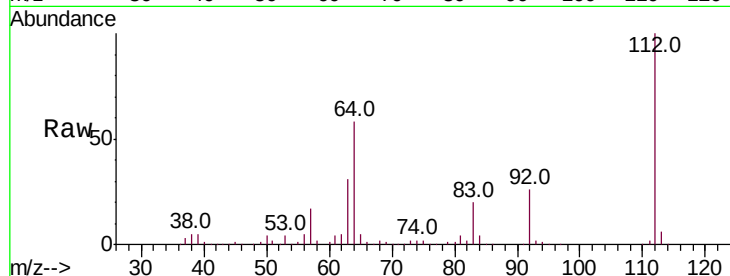
Delta R.T. 0.01 min

Lab File: BF117496.D

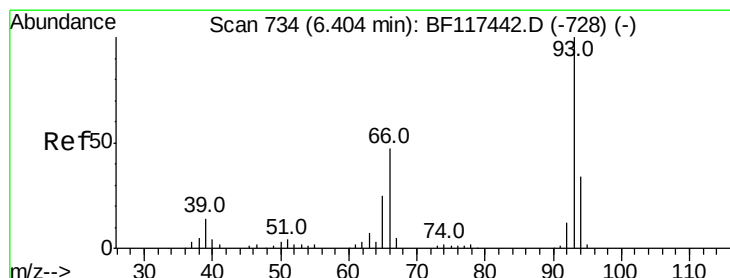
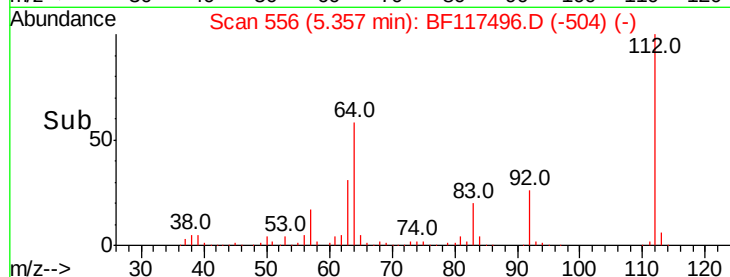
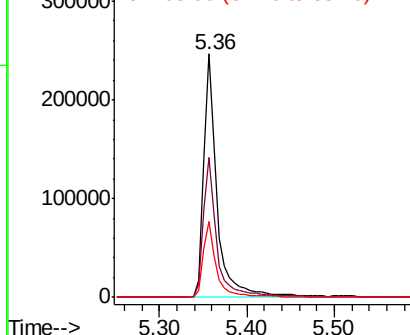
Acq: 23 Oct 2019 21:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	267165
Ion	Ratio	Lower	Upper
112	100		
64	57.6	44.1	66.1
63	31.0	23.4	35.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 26.160 ng

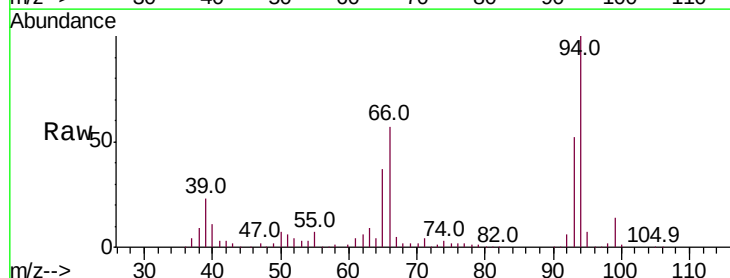
RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

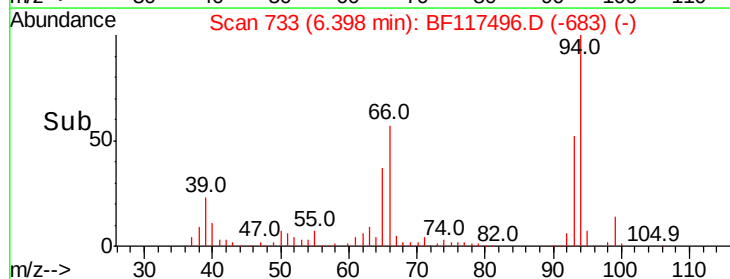
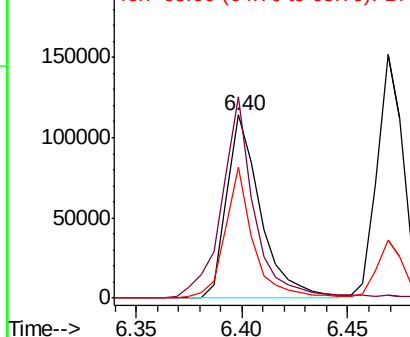
Lab File: BF117496.D

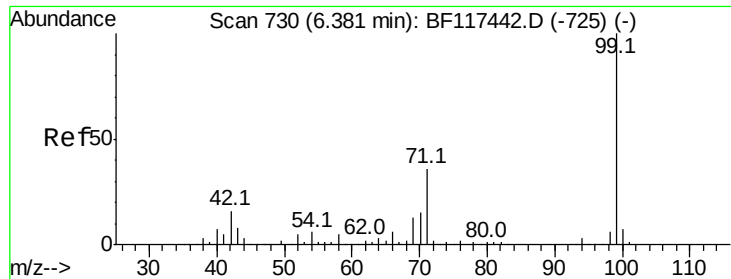
Acq: 23 Oct 2019 21:10

Tgt Ion:	93	Resp:	126640
Ion	Ratio	Lower	Upper
93	100		
66	109.9	38.7	58.1#
65	71.5	20.1	30.1#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 91.567 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117496.D

Acq: 23 Oct 2019 21:10

Instrument :

BNA_F

ClientSampled :

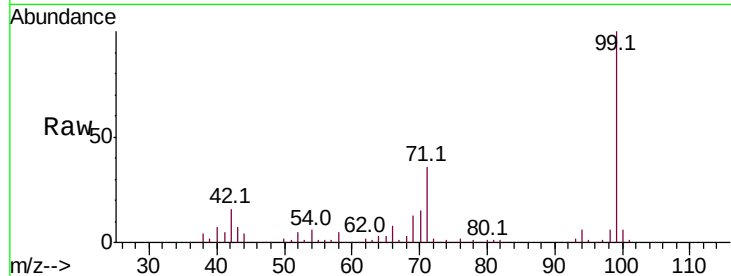
Tot Ion: 99 Resp: 377574

Ion Ratio Lower Upper

99 100

42 16.0 12.8 19.2

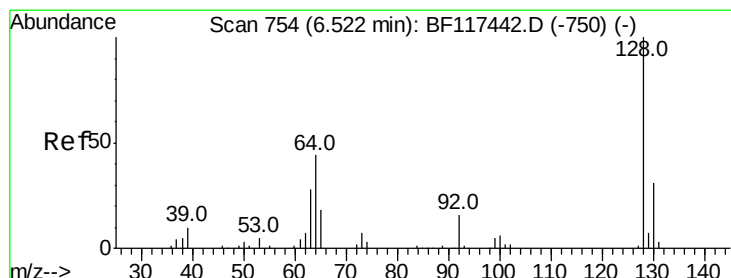
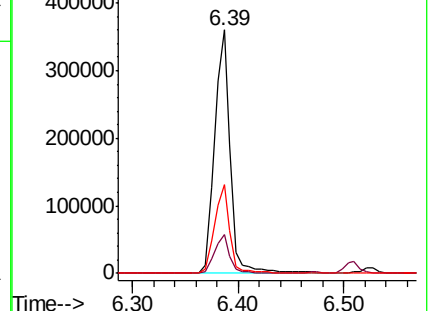
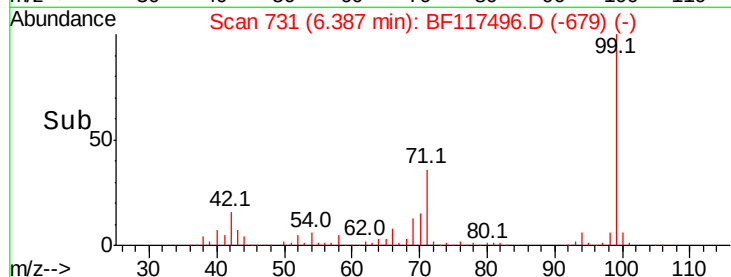
71 36.2 28.6 43.0



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: 43.920 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF117496.D

Acq: 23 Oct 2019 21:10

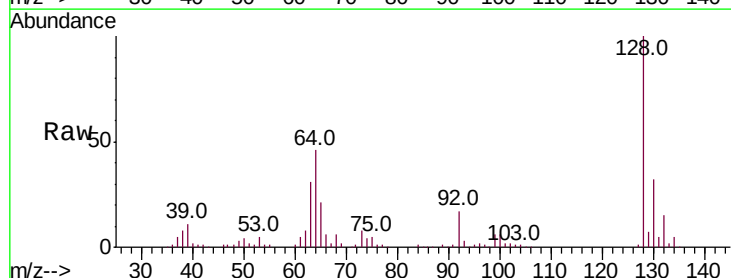
Tgt Ion:128 Resp: 142283

Ion Ratio Lower Upper

128 100

130 31.9 11.1 51.1

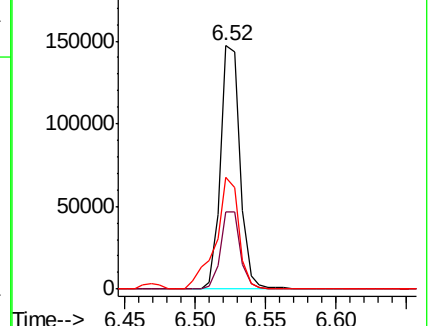
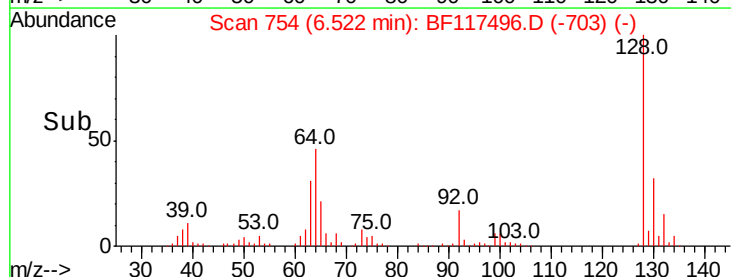
64 45.8 27.1 67.1

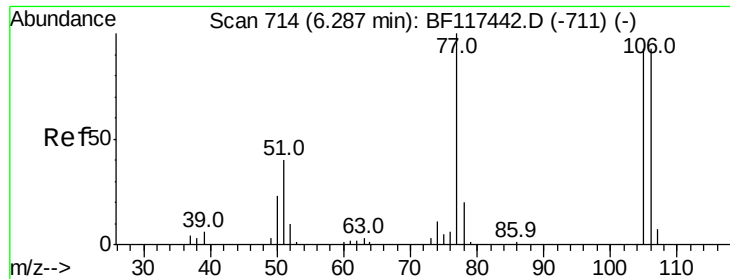


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 42.192 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF117496.D

Acq: 23 Oct 2019 21:10

Instrument :

BNA_F

ClientSampleId :

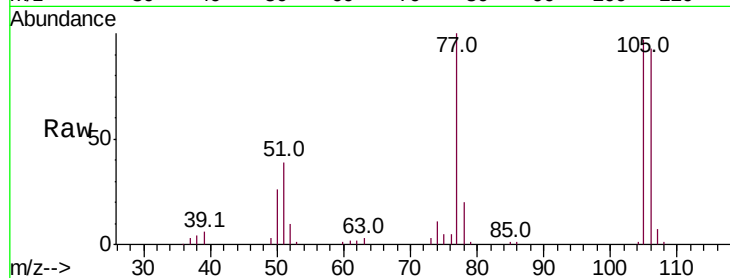
Tot Ion: 77 Resp: 83380

Ion Ratio Lower Upper

77 100

105 97.1 73.4 113.4

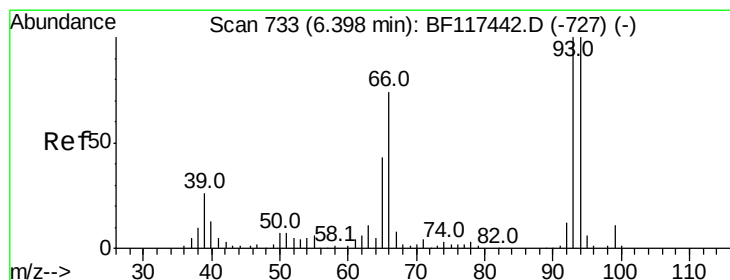
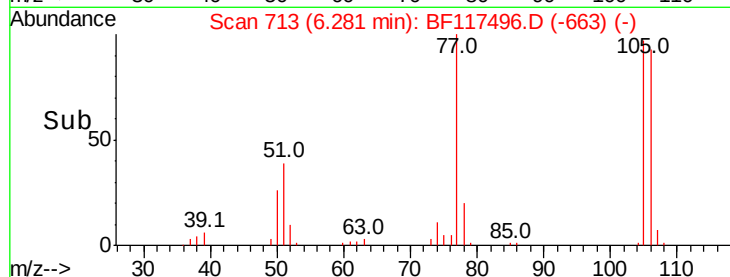
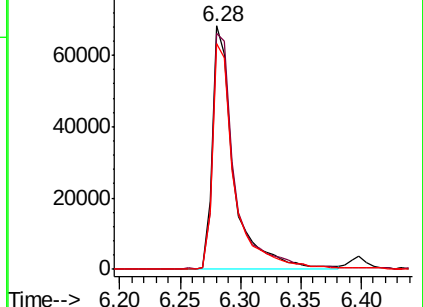
106 92.9 73.0 113.0



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: 43.726 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF117496.D

Acq: 23 Oct 2019 21:10

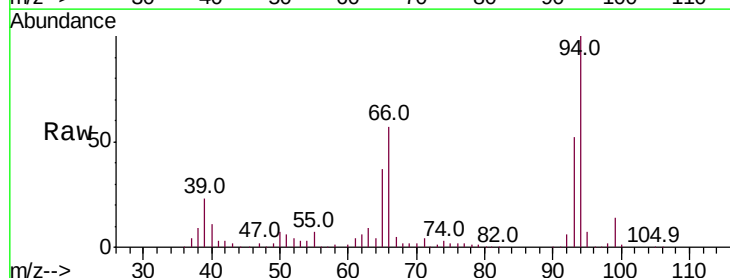
Tgt Ion: 94 Resp: 184026

Ion Ratio Lower Upper

94 100

65 37.0 23.4 63.4

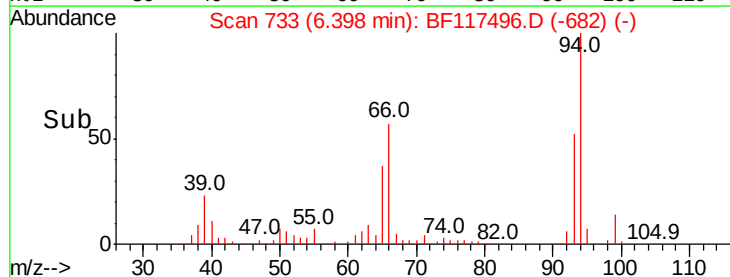
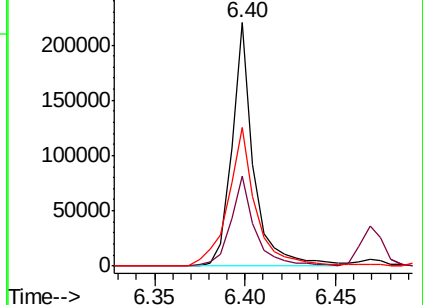
66 56.9 54.7 94.7

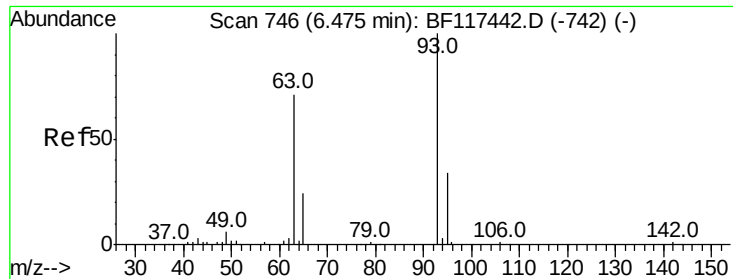


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

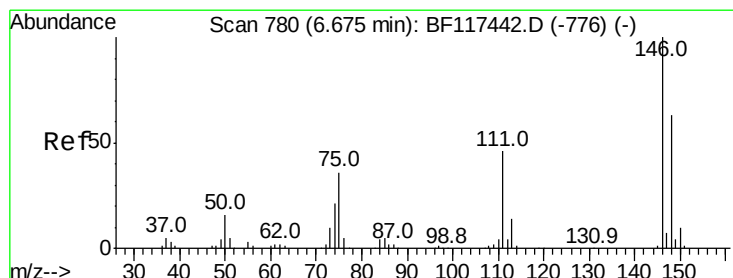
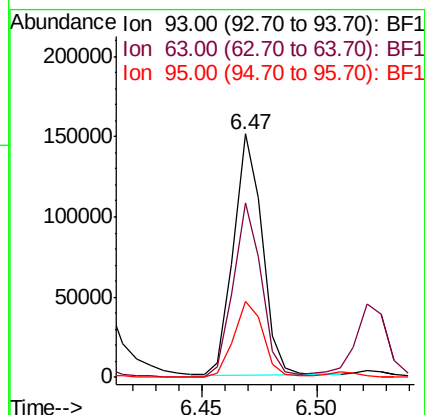
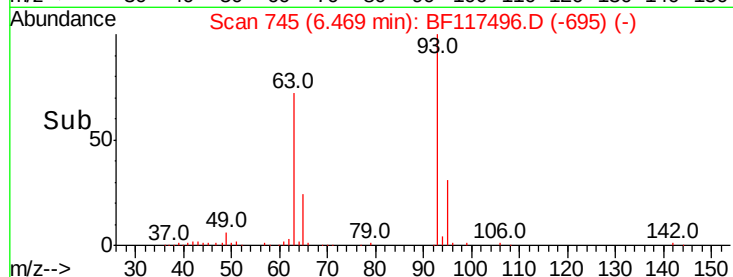
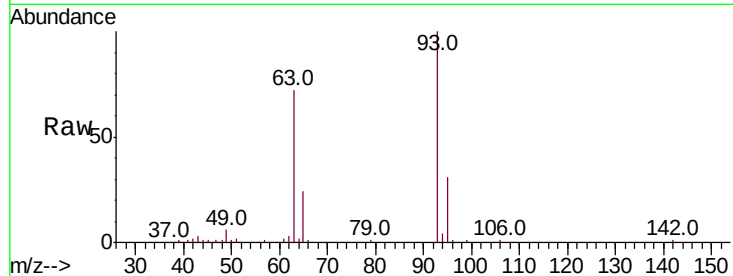




#11
bis(2-Chloroethyl)ether
Concen: 42.147 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

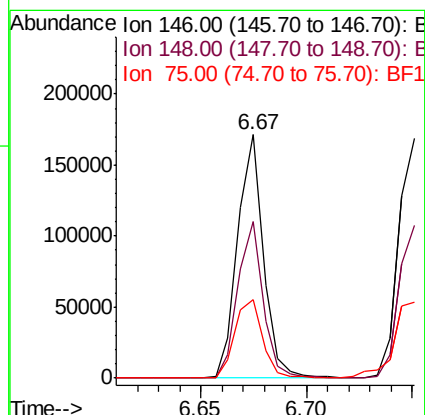
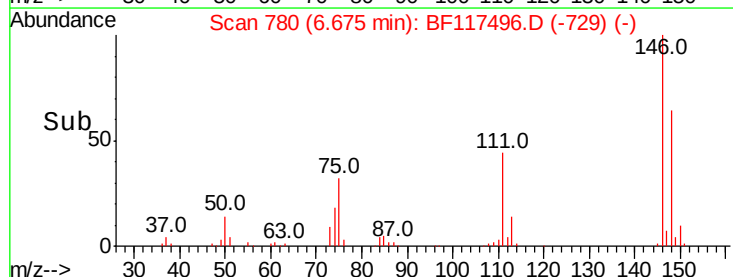
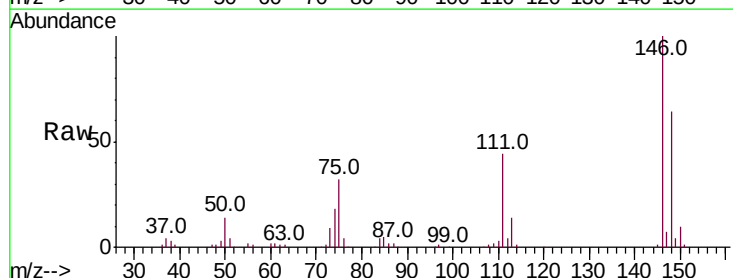
Instrument :
BNA_F
ClientSampleId :

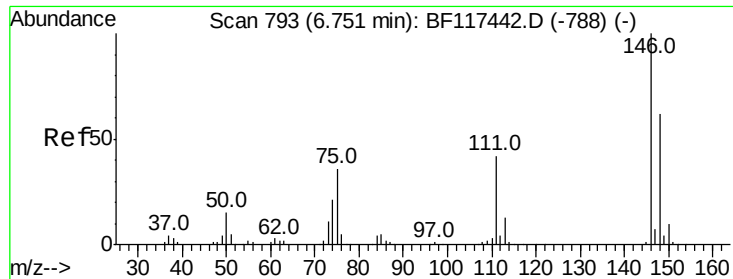
Tot Ion: 93 Resp: 131200
Ion Ratio Lower Upper
93 100
63 71.9 50.2 90.2
95 31.4 13.9 53.9



#12
1,3-Dichlorobenzene
Concen: 40.026 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.00 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Tgt Ion: 146 Resp: 144702
Ion Ratio Lower Upper
146 100
148 64.1 50.6 75.8
75 32.2 28.6 43.0

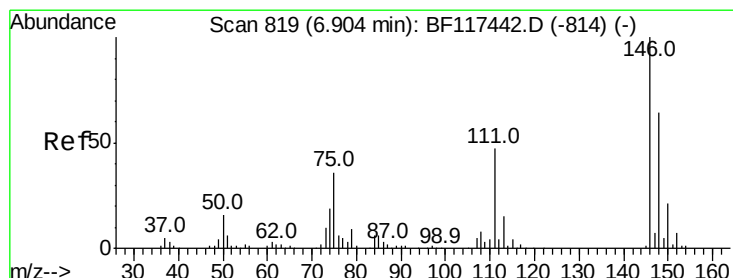
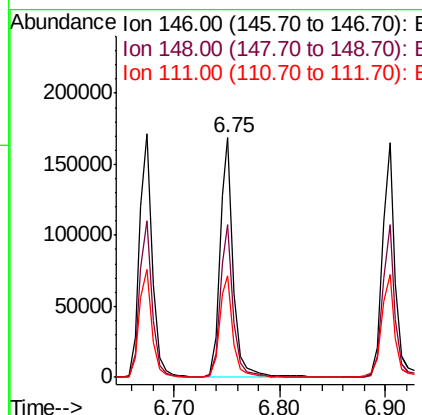
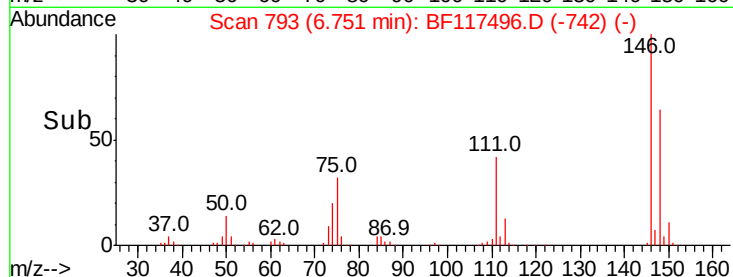
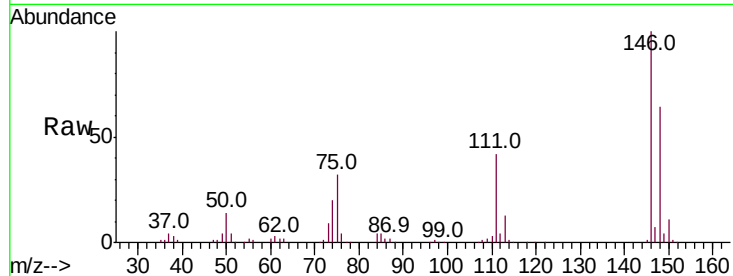




#13
 1,4-Dichlorobenzene
 Concen: 41.021 ng
 RT: 6.75 min Scan# 793
 Delta R.T. -0.00 min
 Lab File: BF117496.D
 Acq: 23 Oct 2019 21:10

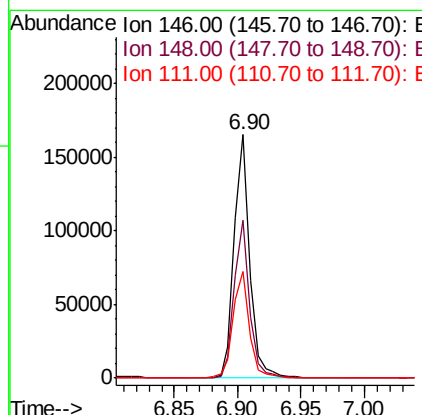
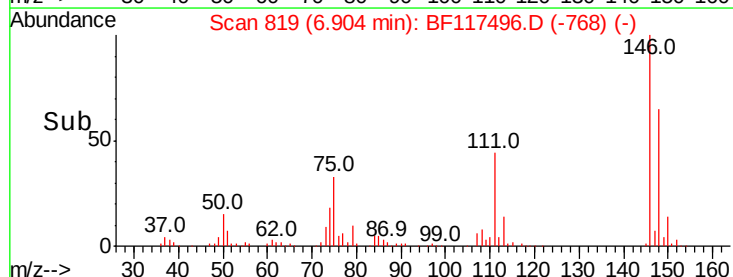
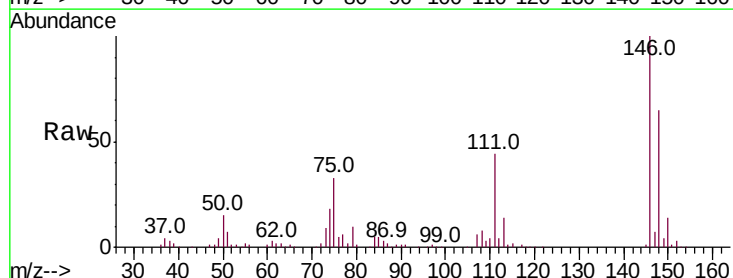
Instrument :
 BNA_F
 ClientSampled :

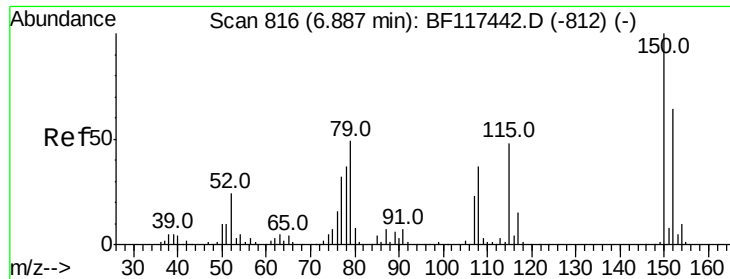
Tot Ion:146 Resp: 150443
 Ion Ratio Lower Upper
 146 100
 148 64.0 49.3 73.9
 111 42.2 33.6 50.4



#14
 1,2-Dichlorobenzene
 Concen: 40.461 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF117496.D
 Acq: 23 Oct 2019 21:10

Tgt Ion:146 Resp: 139874
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.4 77.0
 111 43.9 37.7 56.5

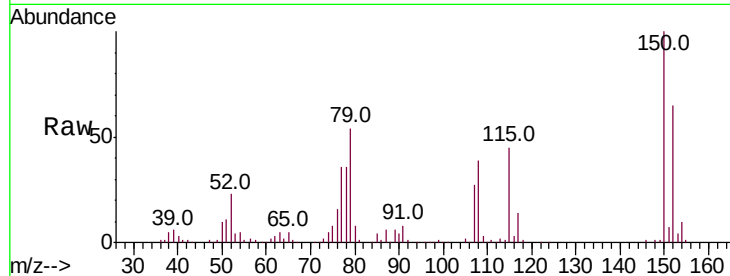




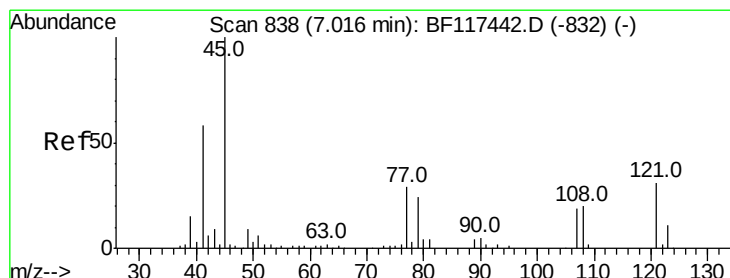
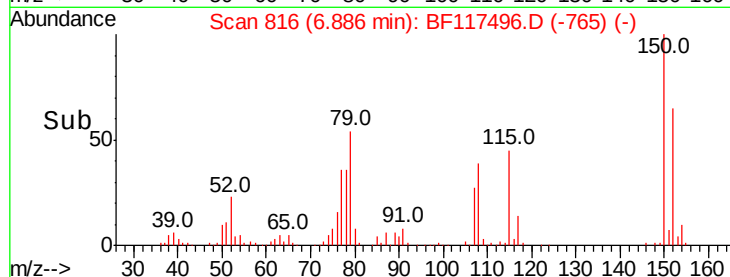
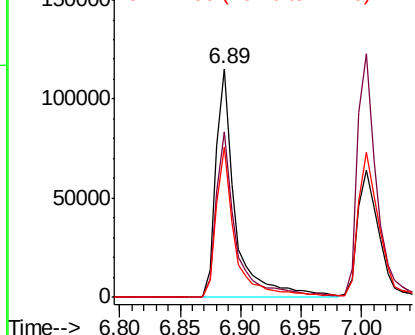
#15
Benzyl Alcohol
Concen: 43.084 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 126927
Ion Ratio Lower Upper
79 100
108 72.6 59.8 89.8
77 66.0 51.4 77.0

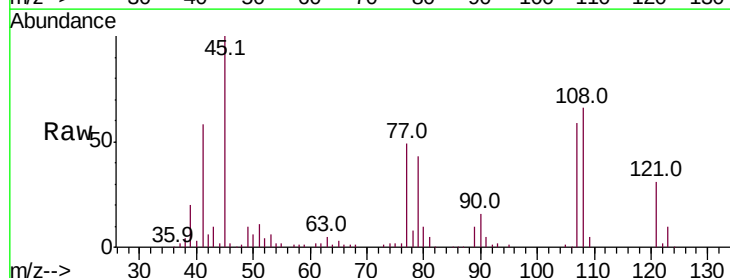


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

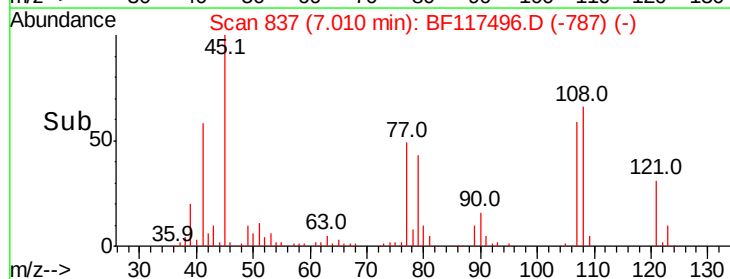
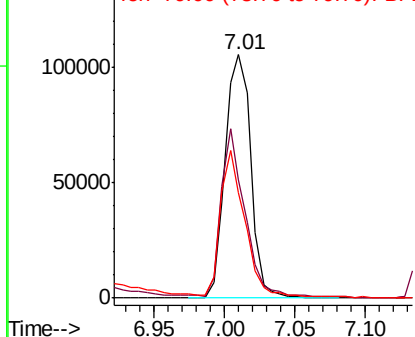


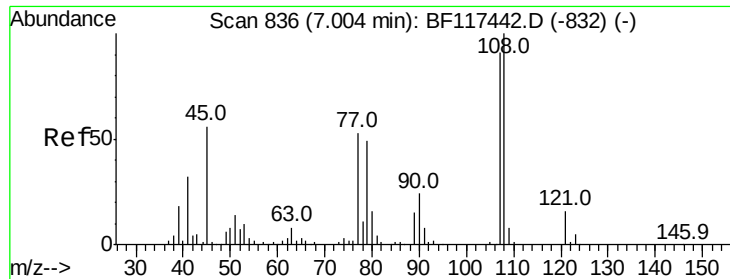
#16
2,2'-oxybis(1-chloropropane)
Concen: 39.638 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Tgt Ion: 45 Resp: 133108
Ion Ratio Lower Upper
45 100
77 48.6 9.9 49.9
79 43.3 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

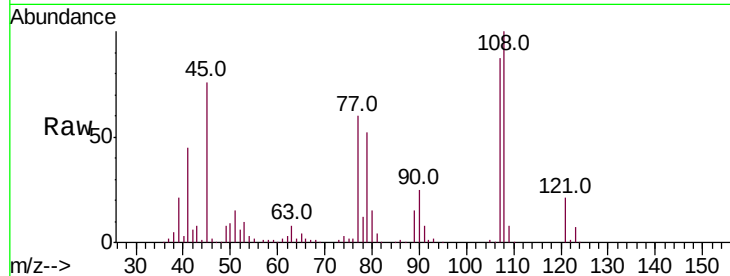




#17
2-Methylphenol
Concen: 43.659 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.8	88.0	132.0
77	68.5	47.2	70.8
79	60.0	44.1	66.1



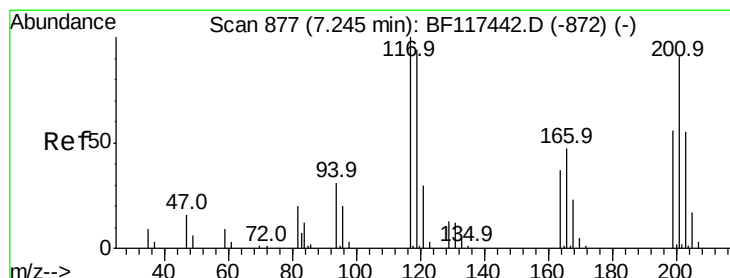
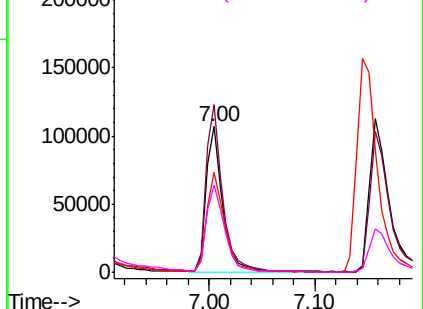
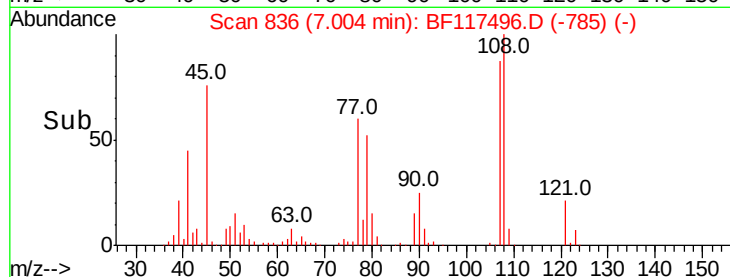
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

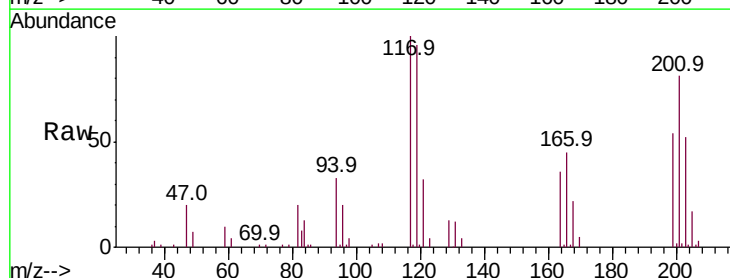
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 39.089 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	75.4	113.0
201	81.4	72.5	108.7

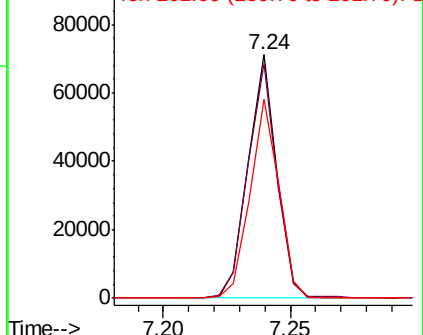
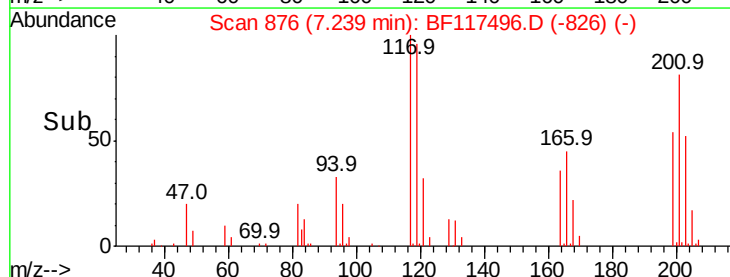


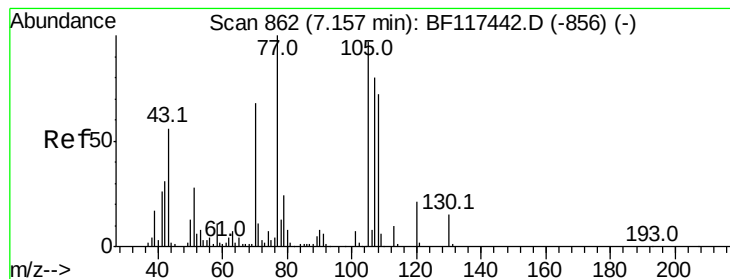
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 42.590 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF117496.D

Acq: 23 Oct 2019 21:10

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 107255

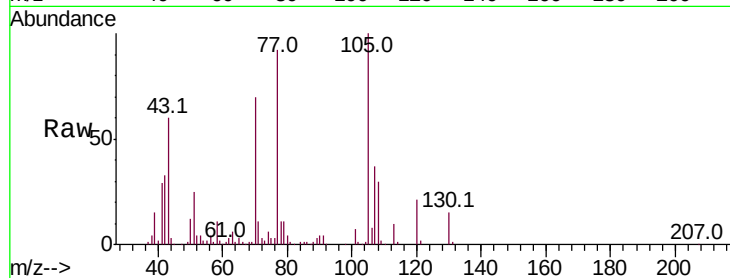
Ion	Ratio	Lower	Upper
70	100		
42	46.8	36.7	55.1
101	9.3	8.3	12.5
130	21.4	18.1	27.1

70 100

42 46.8 36.7 55.1

101 9.3 8.3 12.5

130 21.4 18.1 27.1



Abundance

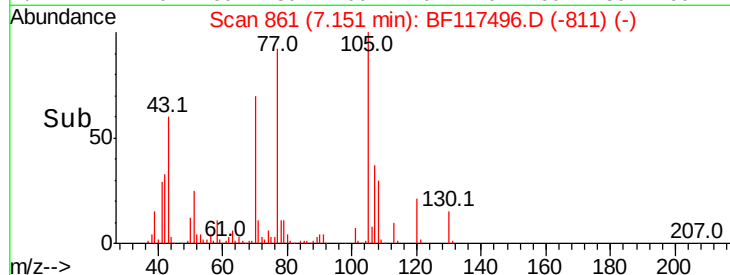
Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

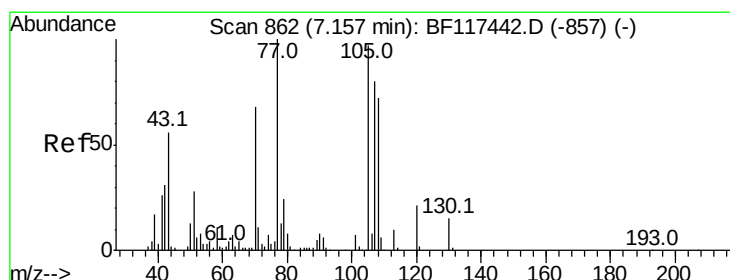
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Time-->



Time-->



#20

3+4-Methylphenols

Concen: 42.708 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF117496.D

Acq: 23 Oct 2019 21:10

Tgt Ion: 107 Resp: 149226

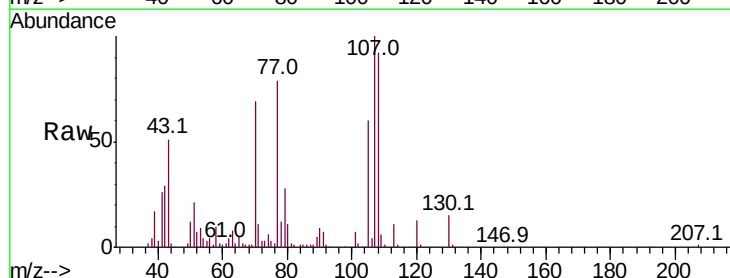
Ion	Ratio	Lower	Upper
107	100		
108	91.8	70.3	110.3
77	79.3	104.8	144.8#
79	28.5	10.0	50.0

107 100

108 91.8 70.3 110.3

77 79.3 104.8 144.8#

79 28.5 10.0 50.0



Abundance

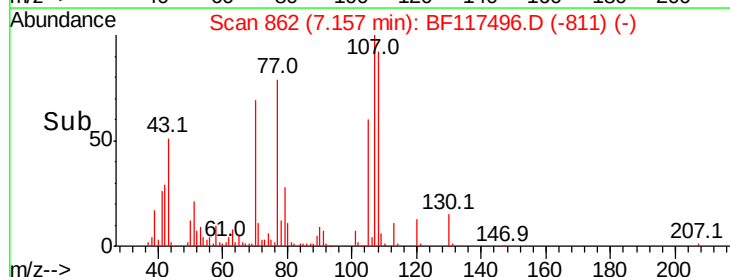
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

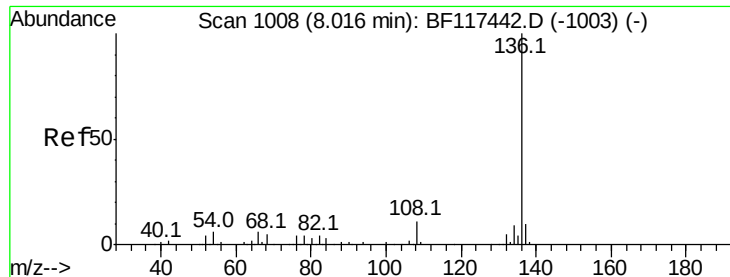
Ion 79.00 (78.70 to 79.70): BF1

Time-->



Time-->

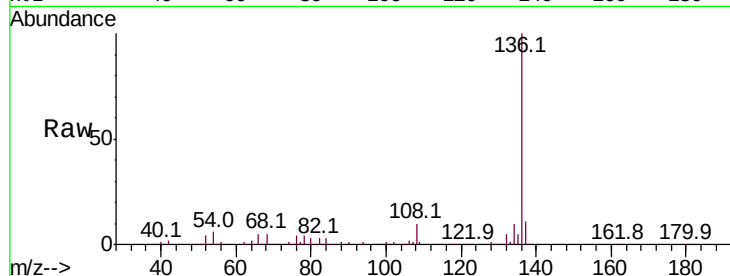
Time-->



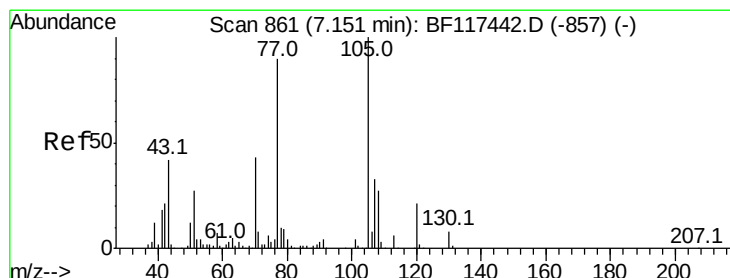
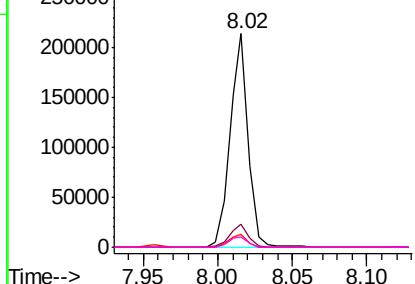
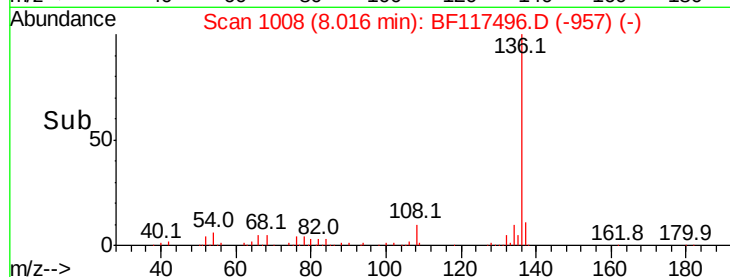
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	182935
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.2	12.4
54	5.9	4.5	6.7
68	4.7	4.3	6.5

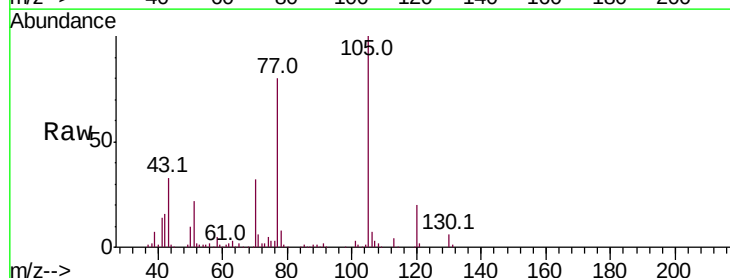


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

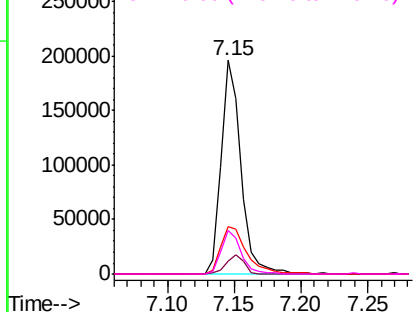
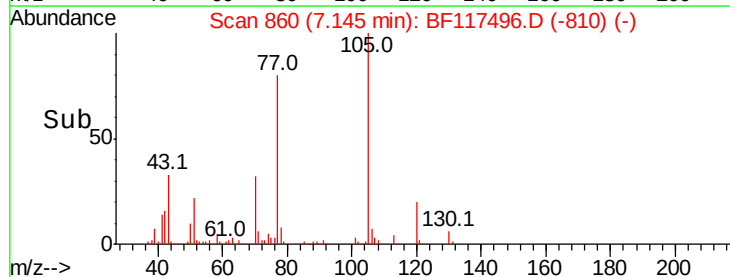


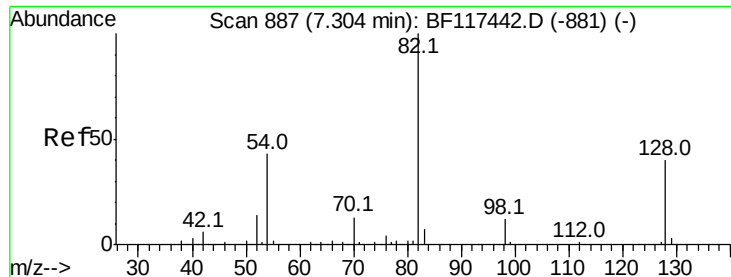
#22
Acetophenone
Concen: 42.422 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Tgt Ion:	105	Resp:	206068
Ion	Ratio	Lower	Upper
105	100		
71	5.7	6.2	9.2#
51	22.5	21.8	32.6
120	20.4	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

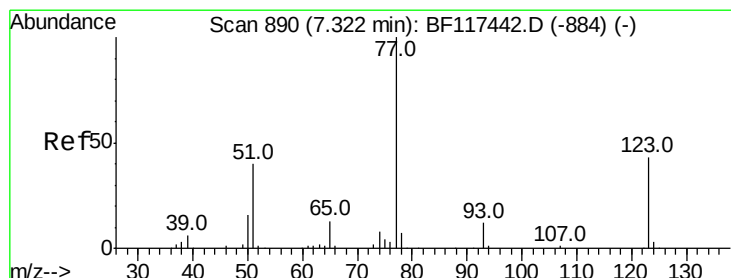
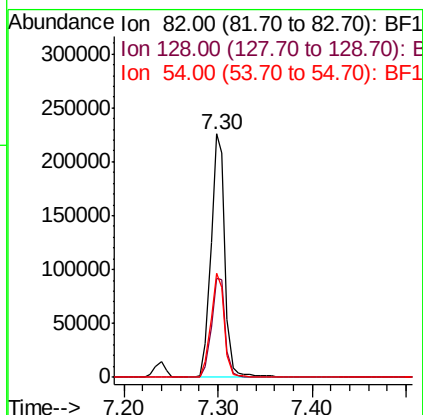
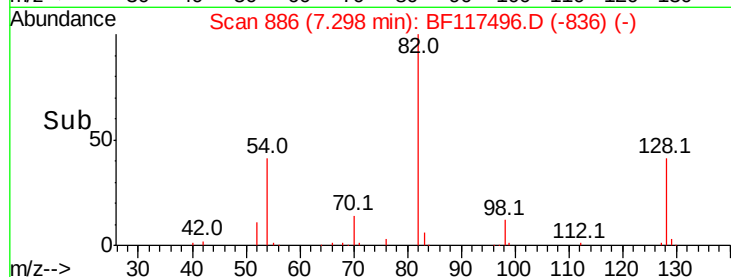
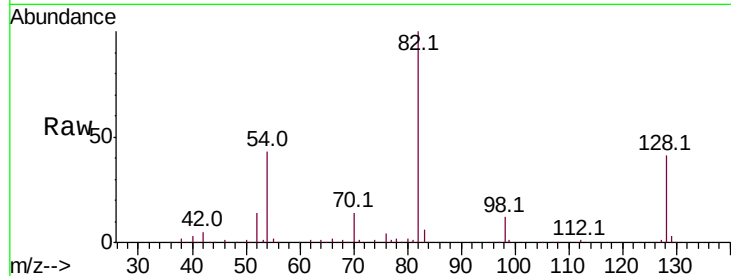




#23
Nitrobenzene-d5
Concen: 64.251 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

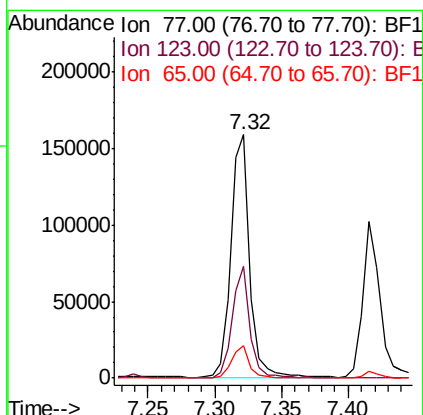
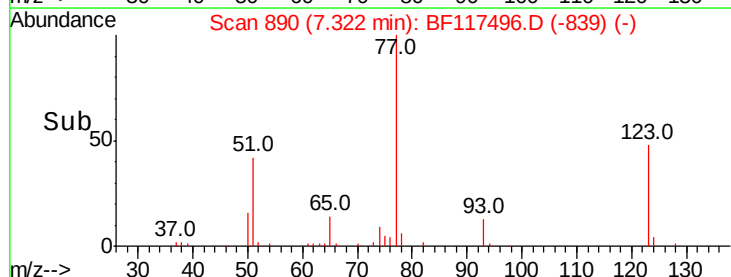
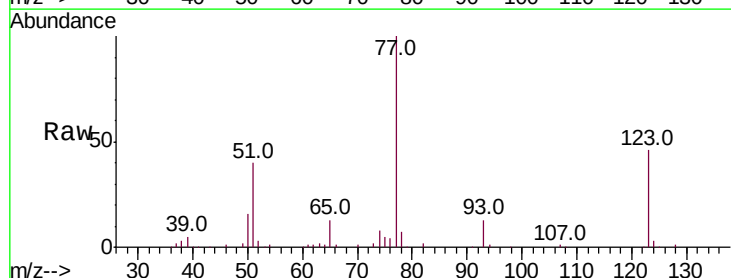
Instrument :
BNA_F
ClientSampled :

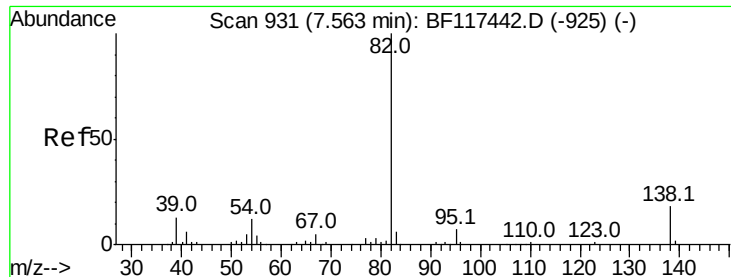
Tot Ion: 82 Resp: 238084
Ion Ratio Lower Upper
82 100
128 40.6 32.2 48.2
54 42.6 34.2 51.2



#24
Nitrobenzene
Concen: 44.194 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Tgt Ion: 77 Resp: 156853
Ion Ratio Lower Upper
77 100
123 45.8 34.2 51.2
65 13.3 10.3 15.5





#25

Isophorone

Concen: 45.127 ng

RT: 7.56 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF117496.D

Acq: 23 Oct 2019 21:10

Instrument :

BNA_F

ClientSampleId :

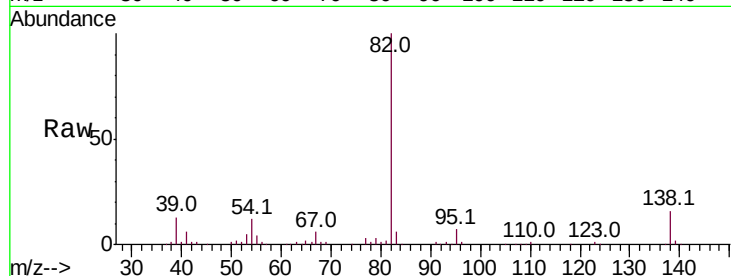
Tot Ion: 82 Resp: 289281

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.0

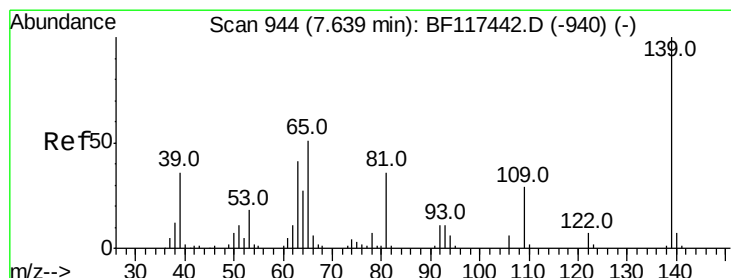
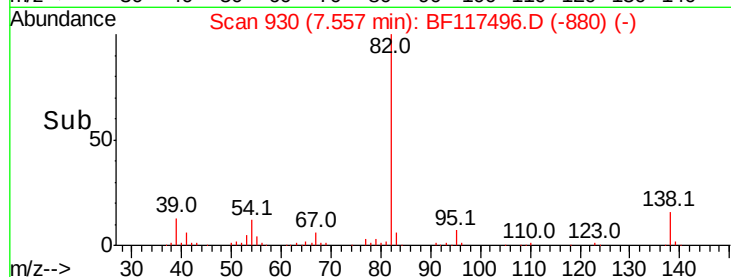
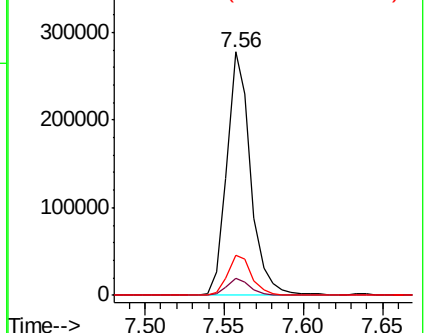
138 16.4 14.2 21.2



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: 46.080 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF117496.D

Acq: 23 Oct 2019 21:10

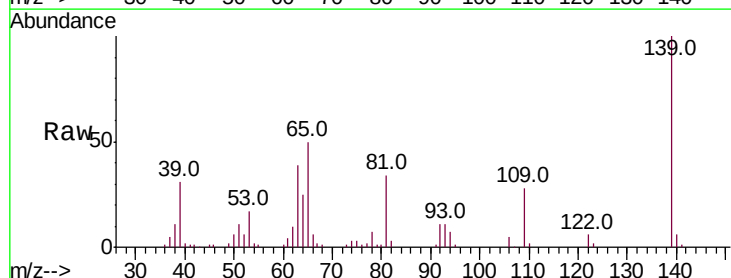
Tgt Ion: 139 Resp: 72941

Ion Ratio Lower Upper

139 100

109 28.2 23.2 34.8

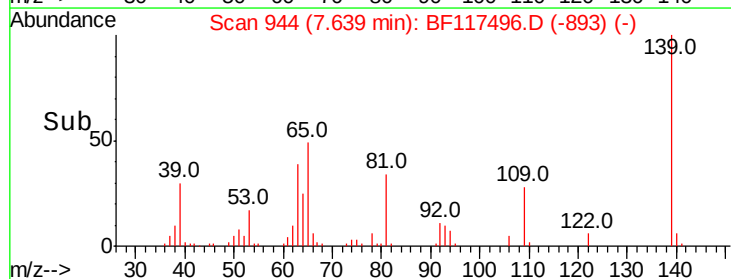
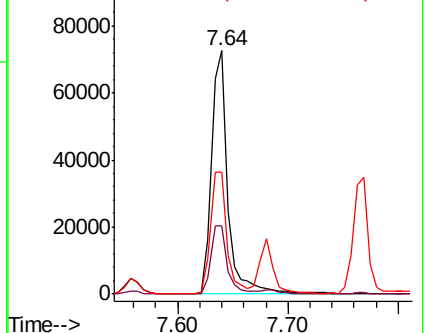
65 50.1 41.1 61.7

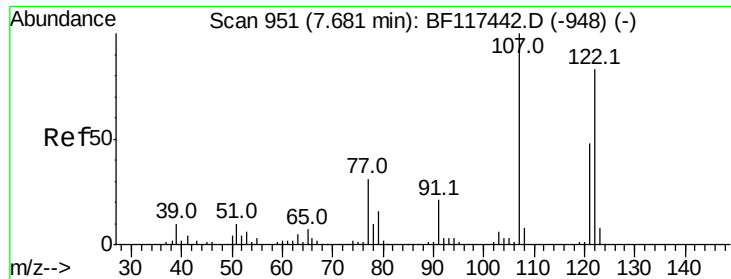


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

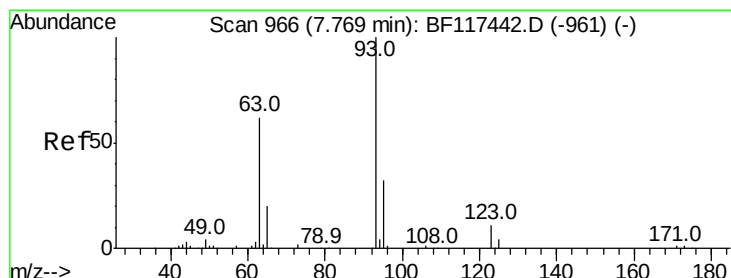
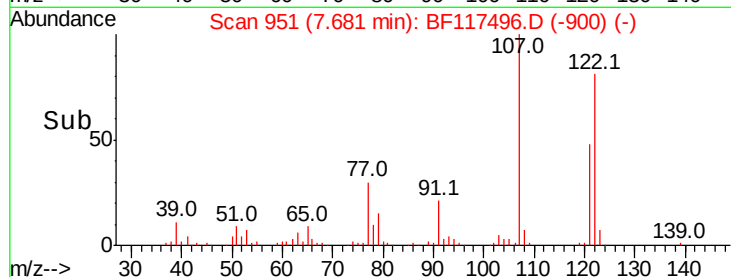
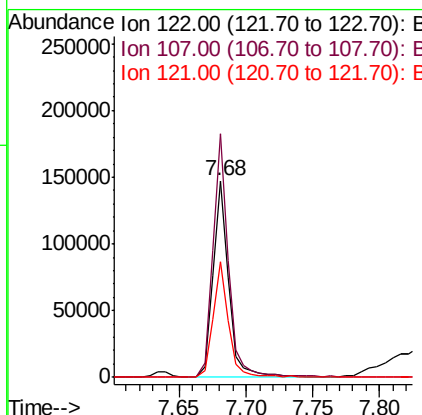
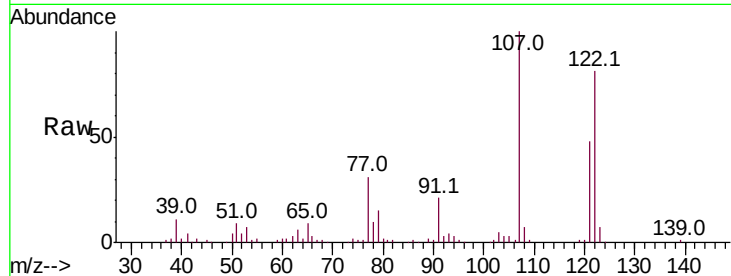




#27
 2,4-Dimethylphenol
 Concen: 52.115 ng
 RT: 7.68 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF117496.D
 Acq: 23 Oct 2019 21:10

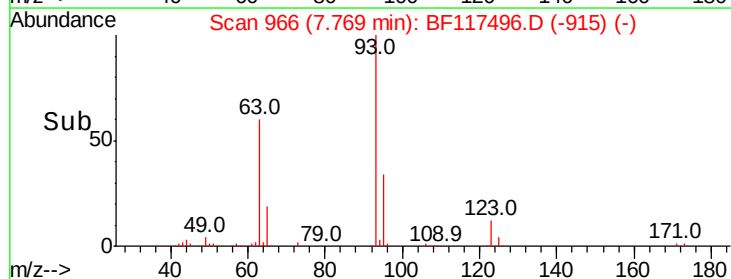
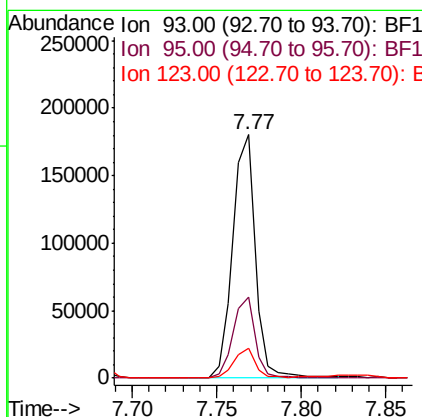
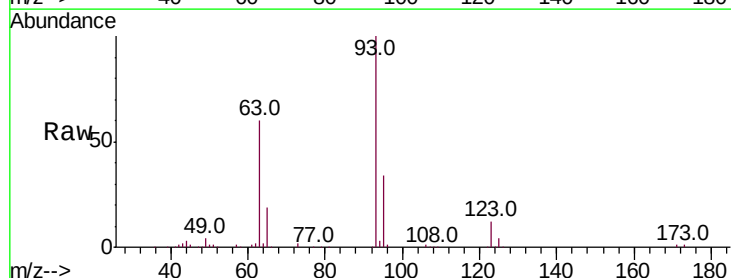
Instrument :
 BNA_F
 ClientSampled :

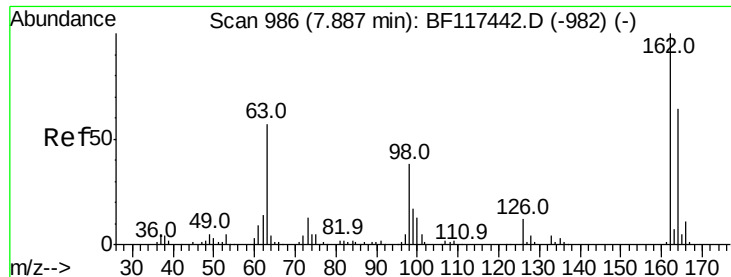
Tot Ion	Ratio	Lower	Upper
122	100		
107	123.9	96.8	145.2
121	58.9	46.4	69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.531 ng
 RT: 7.77 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: BF117496.D
 Acq: 23 Oct 2019 21:10

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	25.5	38.3
123	12.0	9.0	13.6

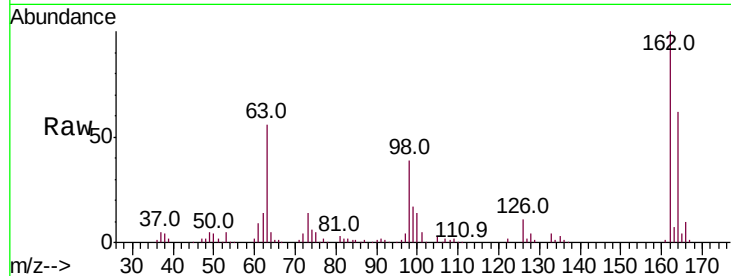




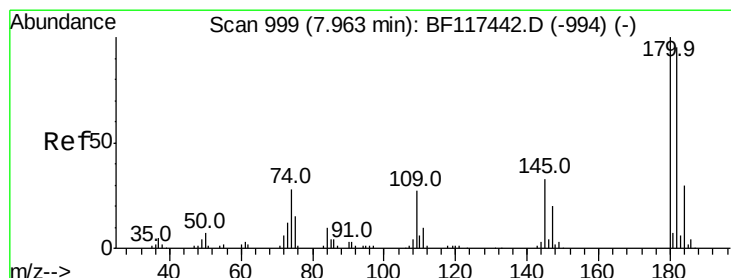
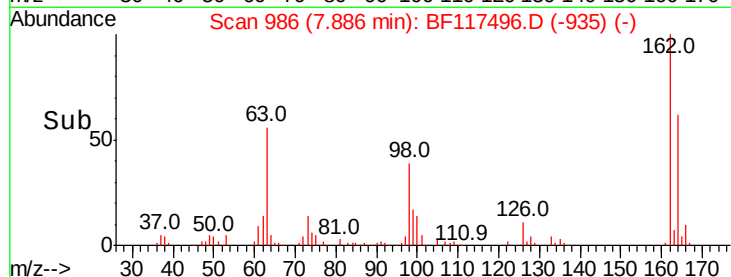
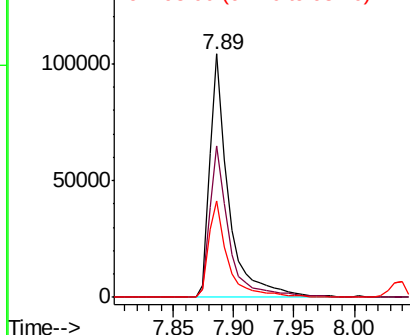
#29
 2,4-Dichlorophenol
 Concen: 45.069 ng
 RT: 7.89 min Scan# 986
 Delta R.T. -0.00 min
 Lab File: BF117496.D
 Acq: 23 Oct 2019 21:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.4	44.4	84.4
98	39.5	18.2	58.2

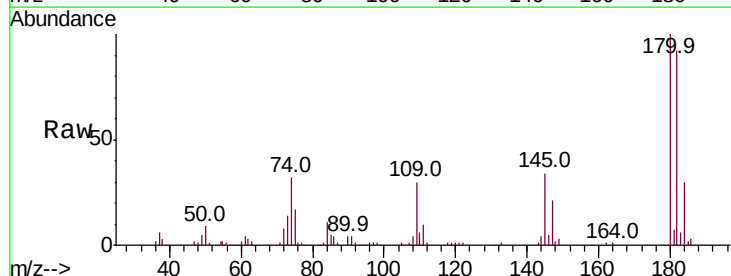


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

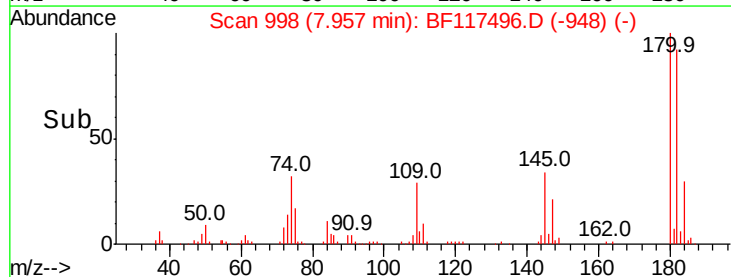
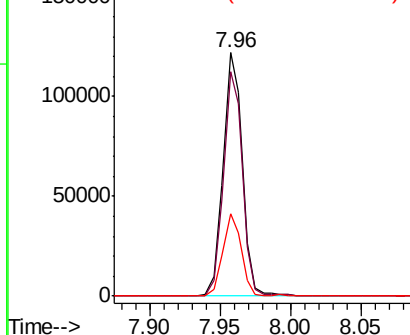


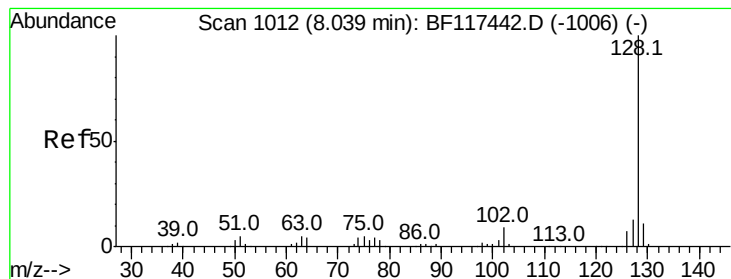
#30
 1,2,4-Trichlorobenzene
 Concen: 43.272 ng
 RT: 7.96 min Scan# 998
 Delta R.T. -0.01 min
 Lab File: BF117496.D
 Acq: 23 Oct 2019 21:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.0	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: 44.793 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BF117496.D

Acq: 23 Oct 2019 21:10

Instrument :

BNA_F

ClientSampleId :

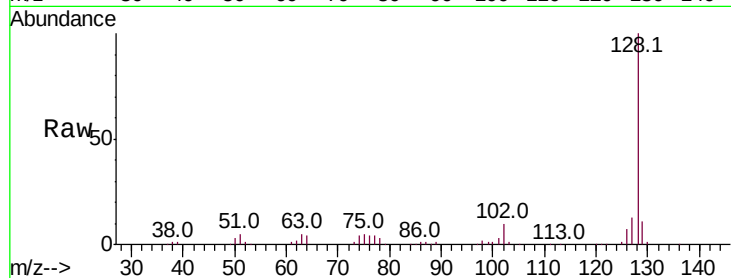
Tot Ion:128 Resp: 406163

Ion Ratio Lower Upper

128 100

129 10.5 9.0 13.4

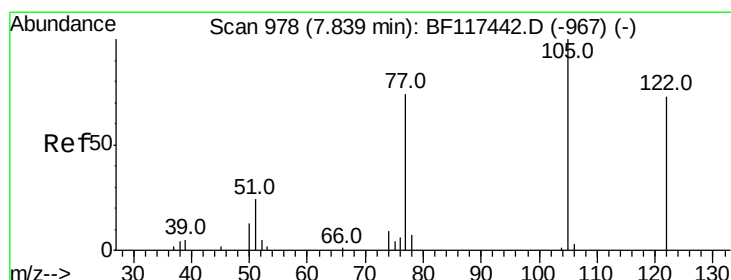
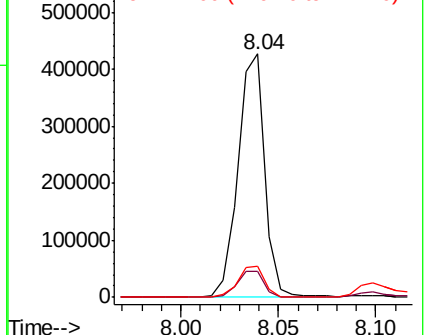
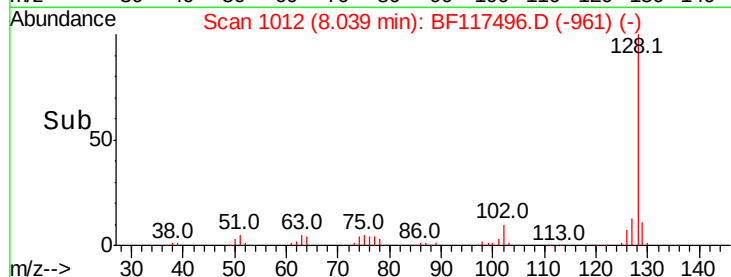
127 12.9 10.2 15.2



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: 41.161 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.00 min

Lab File: BF117496.D

Acq: 23 Oct 2019 21:10

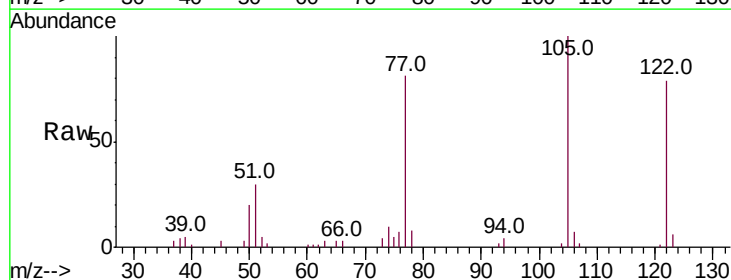
Tgt Ion:122 Resp: 66695

Ion Ratio Lower Upper

122 100

105 126.9 115.0 155.0

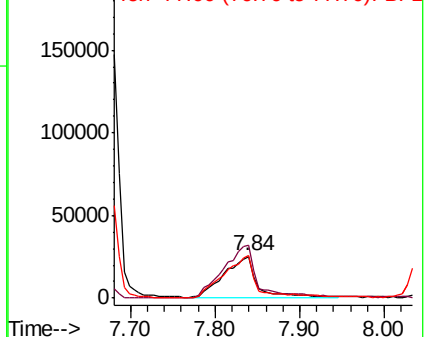
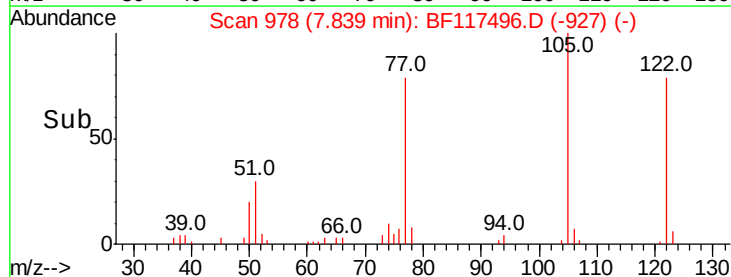
77 102.6 79.7 119.7

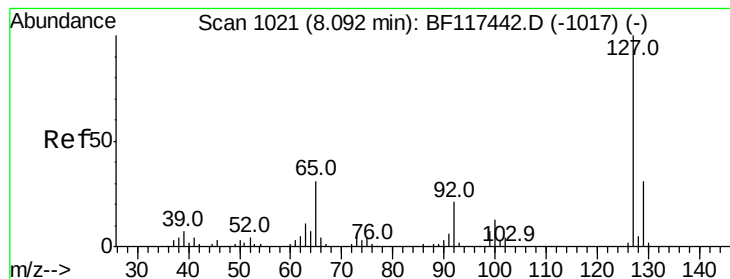


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 11.105 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.01 min

Lab File: BF117496.D

Acq: 23 Oct 2019 21:10

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 42496

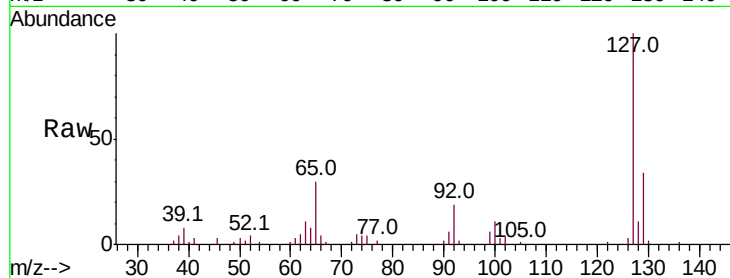
Ion Ratio Lower Upper

127 100

129 33.8 24.8 37.2

65 29.8 24.6 37.0

92 18.6 16.5 24.7

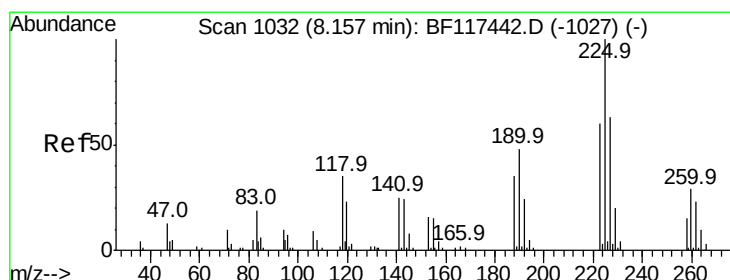
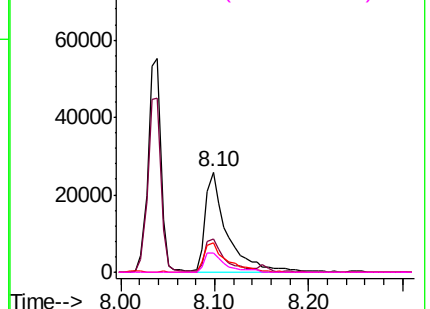
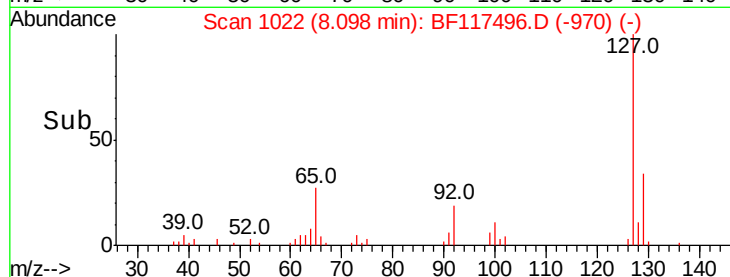


Abundance Ion 127.00 (126.70 to 127.70): E

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: 40.183 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF117496.D

Acq: 23 Oct 2019 21:10

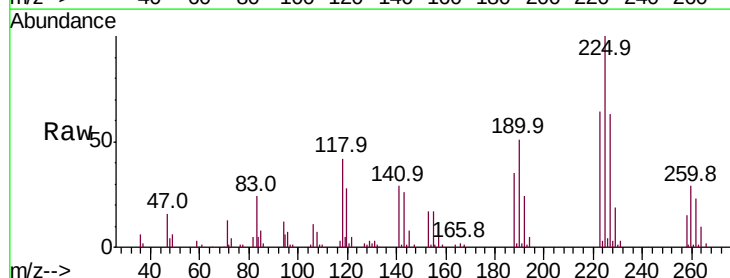
Tgt Ion:225 Resp: 61930

Ion Ratio Lower Upper

225 100

223 63.6 48.2 72.4

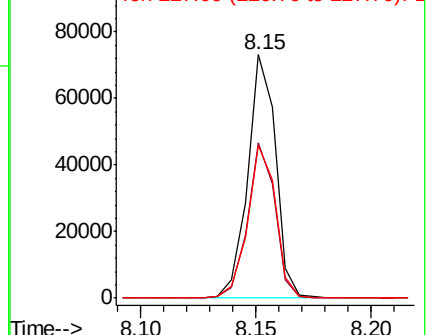
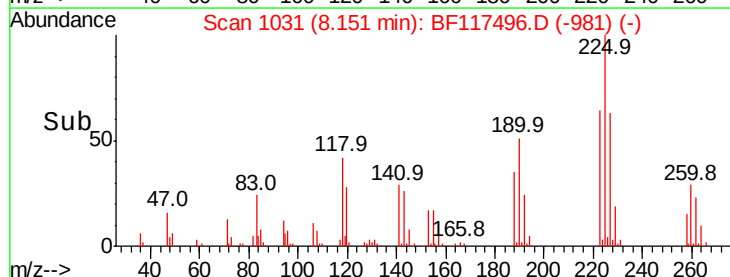
227 62.8 50.2 75.4

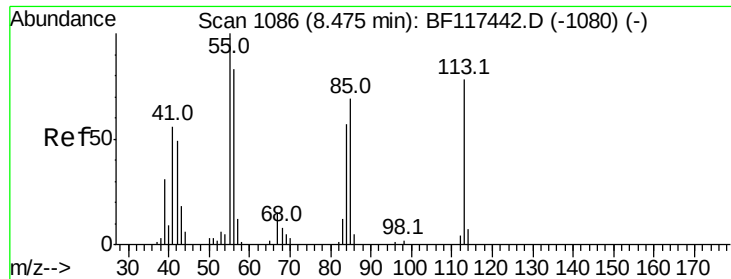


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

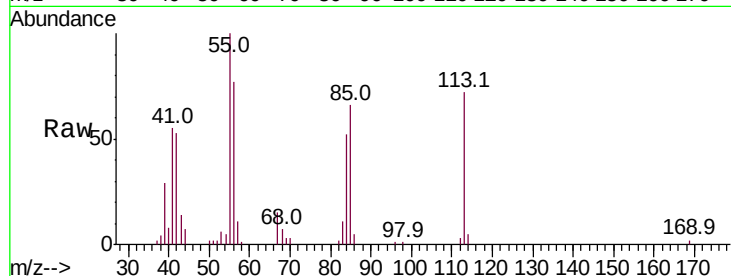




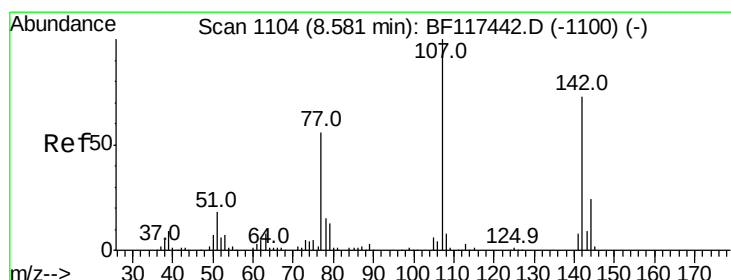
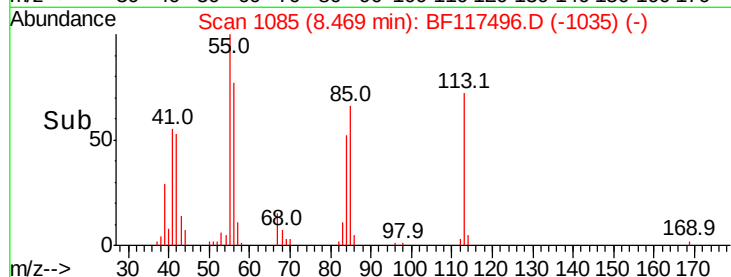
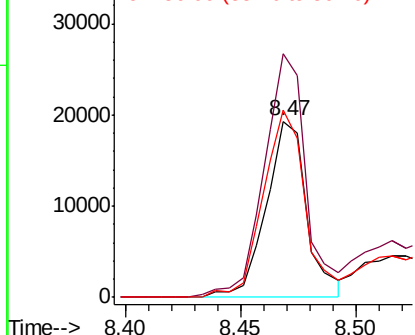
#35
 Caprolactam
 Concen: 29.587 ng
 RT: 8.47 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: BF117496.D
 Acq: 23 Oct 2019 21:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 23584
 Ion Ratio Lower Upper
 113 100
 55 138.1 108.8 148.8
 56 106.1 87.2 127.2

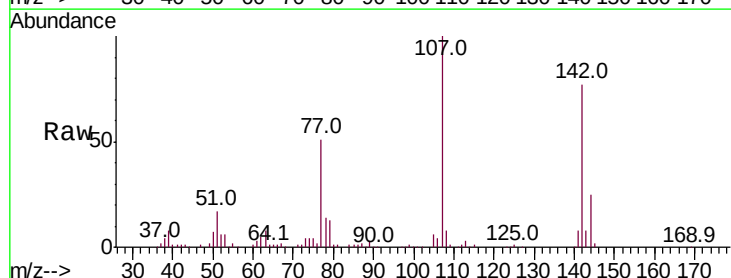


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

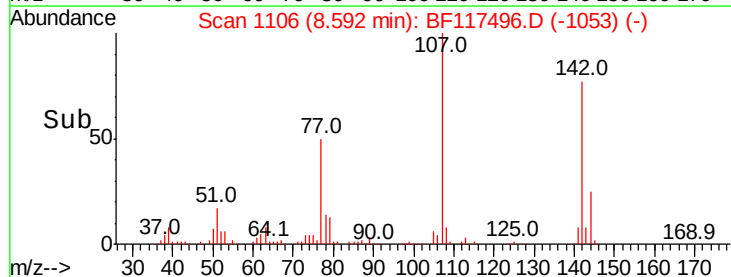
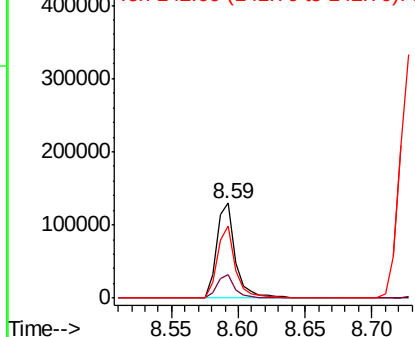


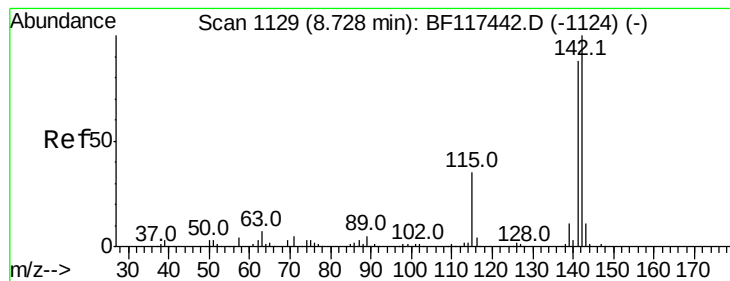
#36
 4-Chloro-3-methylphenol
 Concen: 46.104 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. 0.01 min
 Lab File: BF117496.D
 Acq: 23 Oct 2019 21:10

Tgt Ion:107 Resp: 130466
 Ion Ratio Lower Upper
 107 100
 144 25.3 18.9 28.3
 142 76.6 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: 45.636 ng

RT: 8.73 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BF117496.D

Acq: 23 Oct 2019 21:10

Instrument :

BNA_F

ClientSampleId :

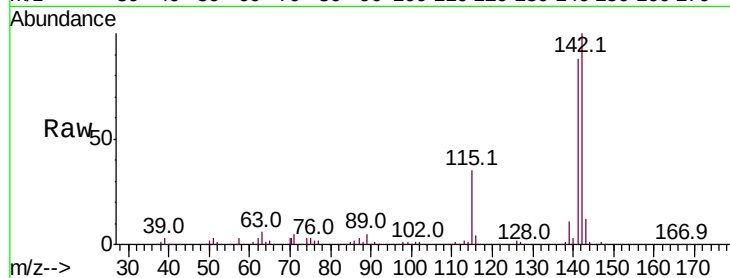
Tot Ion:142 Resp: 278835

Ion Ratio Lower Upper

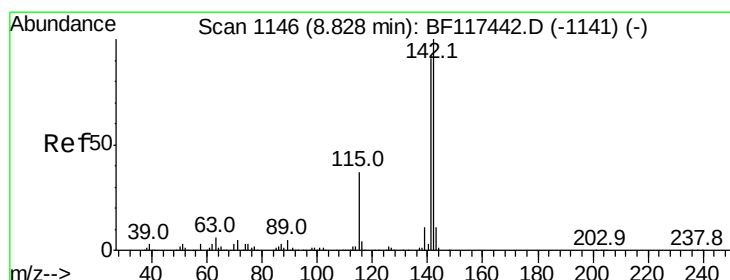
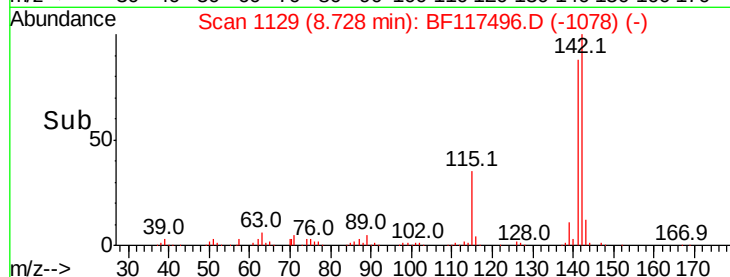
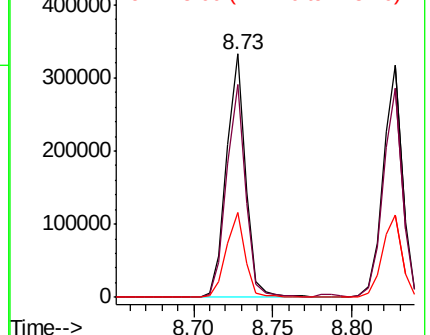
142 100

141 87.5 70.3 105.5

115 35.0 28.2 42.2



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



#38

1-Methylnaphthalene

Concen: 46.111 ng

RT: 8.83 min Scan# 1146

Delta R.T. -0.00 min

Lab File: BF117496.D

Acq: 23 Oct 2019 21:10

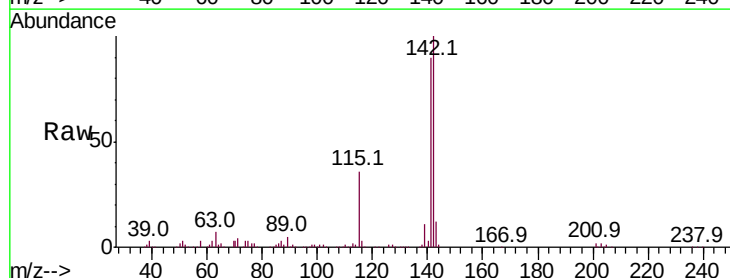
Tgt Ion:142 Resp: 264739

Ion Ratio Lower Upper

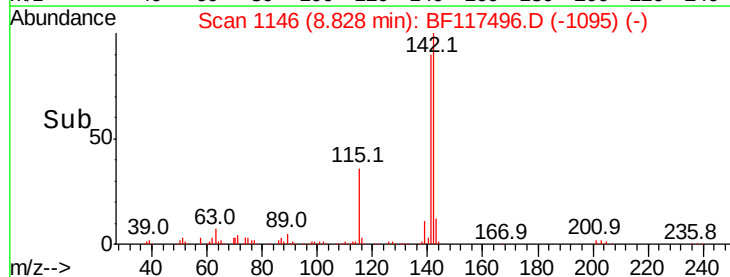
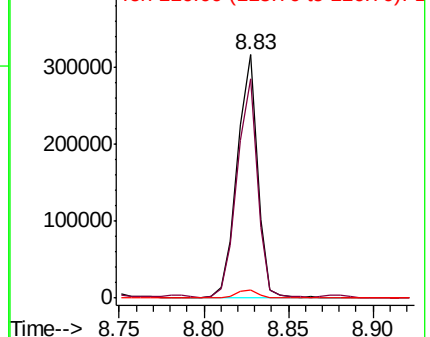
142 100

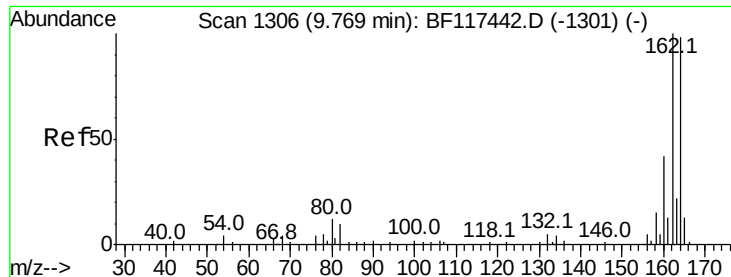
141 90.1 73.3 109.9

116 3.4 3.1 4.7



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.00 min

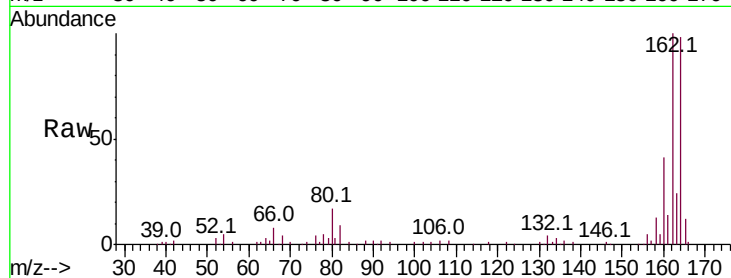
Lab File: BF117496.D

Acq: 23 Oct 2019 21:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 95751

Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.8	122.6
160	42.0	34.4	51.6

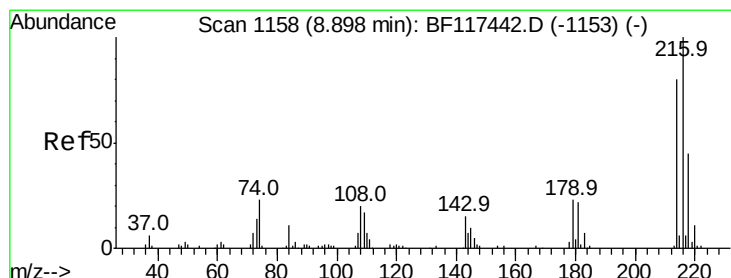
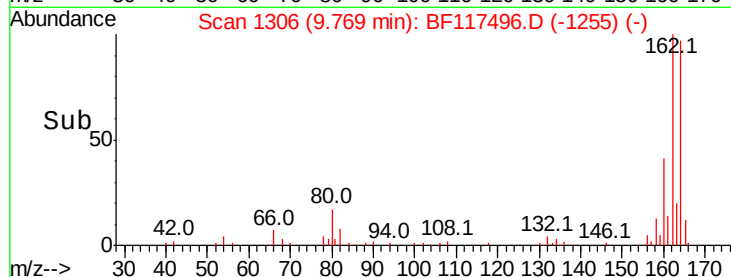
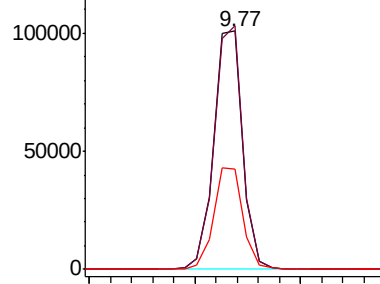


Abundance

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: 39.516 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF117496.D

Acq: 23 Oct 2019 21:10

Tgt Ion:216 Resp: 101910

Ion	Ratio	Lower	Upper
216	100		
214	81.7	62.4	93.6
179	24.4	18.1	27.1
108	21.8	16.6	24.8

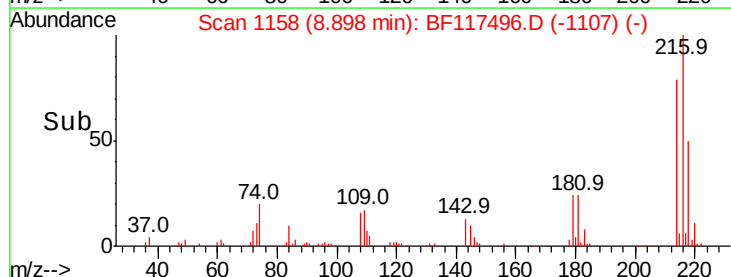
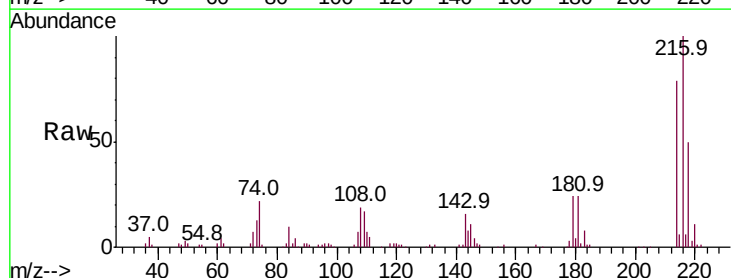
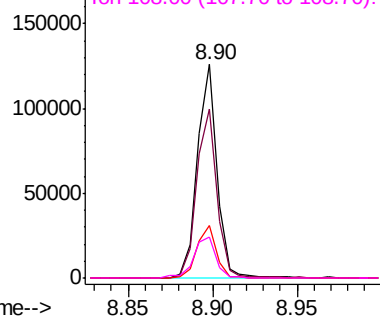
Abundance

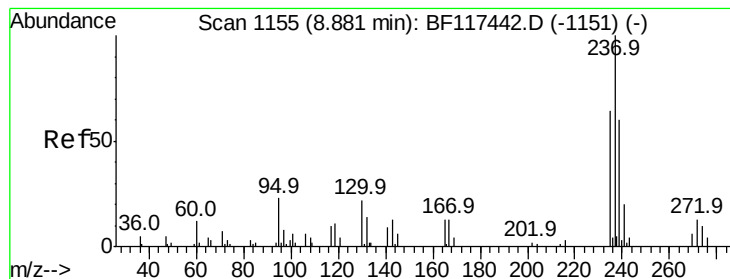
Ion 216.00 (215.70 to 216.70): E

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: 46.713 ng

RT: 8.88 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF117496.D

Acq: 23 Oct 2019 21:10

Instrument :

BNA_F

ClientSampleId :

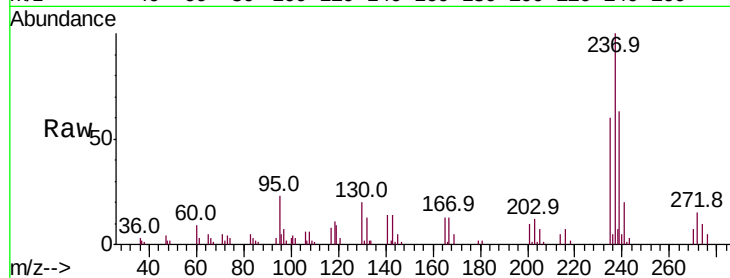
Tot Ion:237 Resp: 25160

Ion Ratio Lower Upper

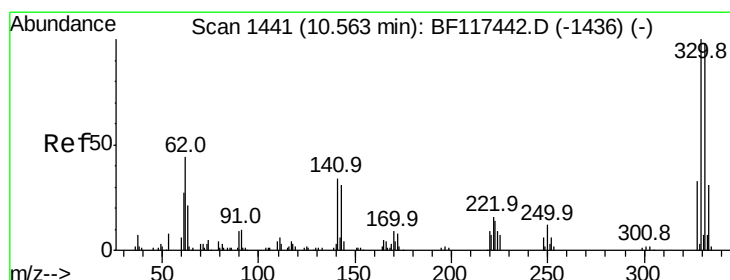
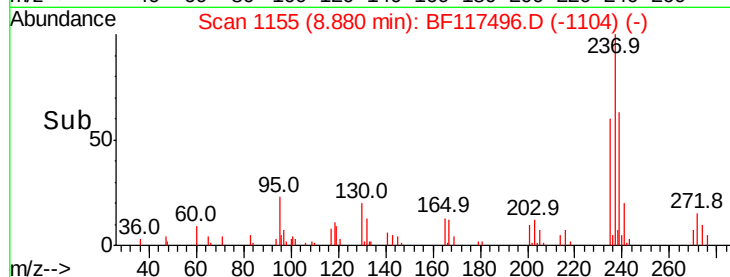
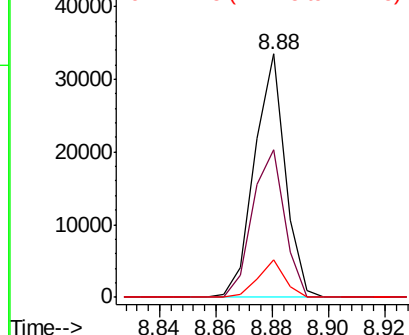
237 100

235 60.4 44.3 84.3

272 15.2 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: 80.930 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BF117496.D

Acq: 23 Oct 2019 21:10

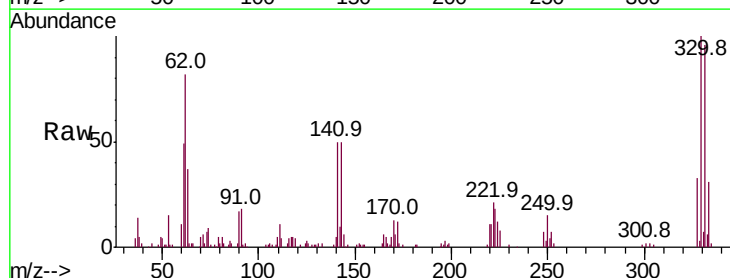
Tgt Ion:330 Resp: 67050

Ion Ratio Lower Upper

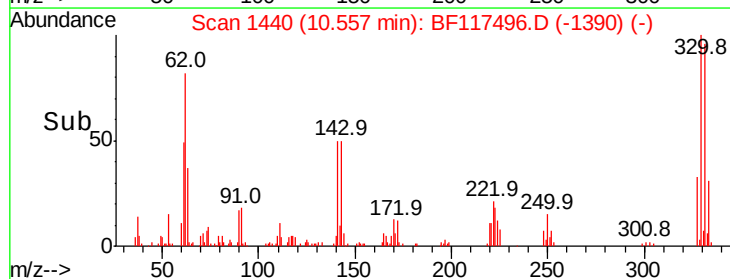
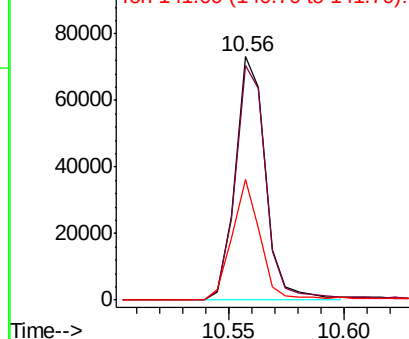
330 100

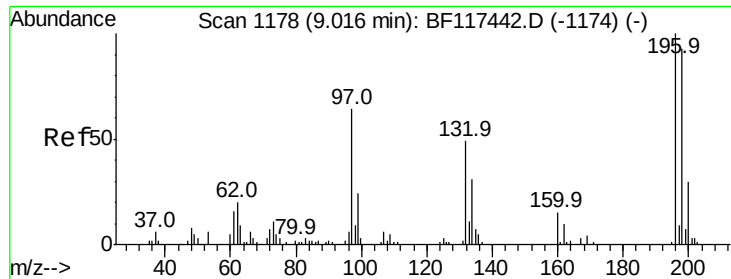
332 99.8 78.5 117.7

141 47.0 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

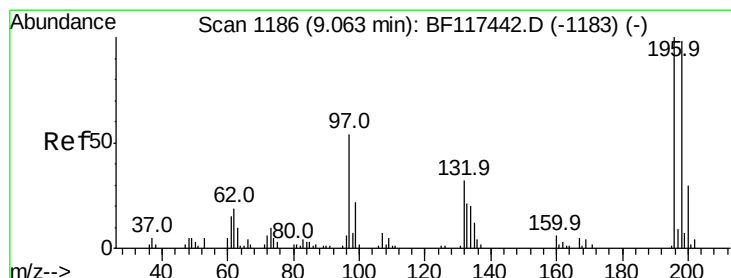
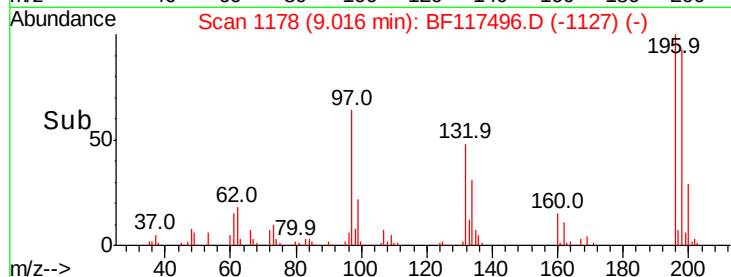
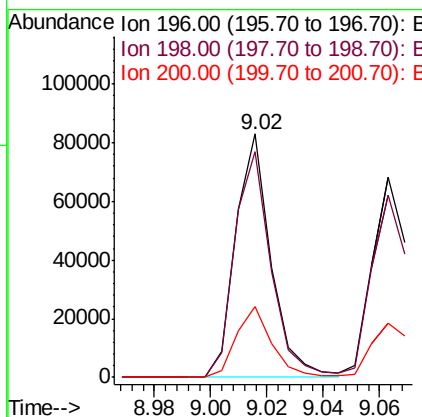
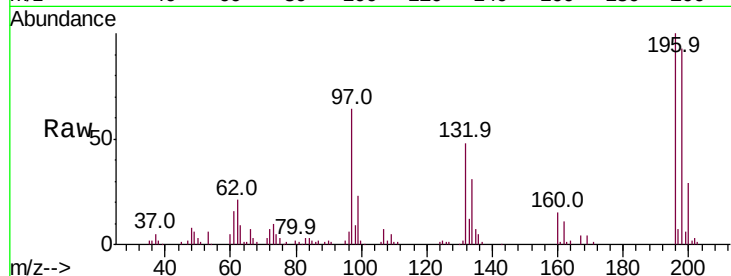




#43
 2,4,6-Trichlorophenol
 Concen: 44.805 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BF117496.D
 Acq: 23 Oct 2019 21:10

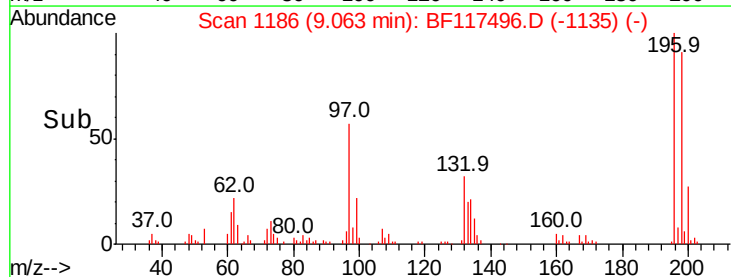
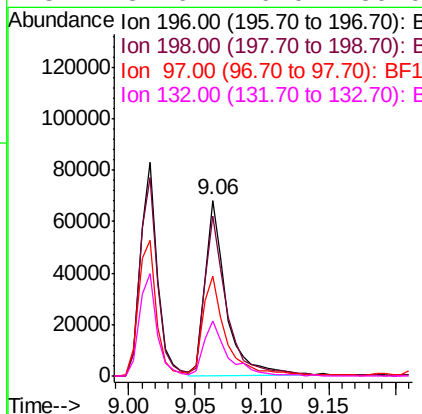
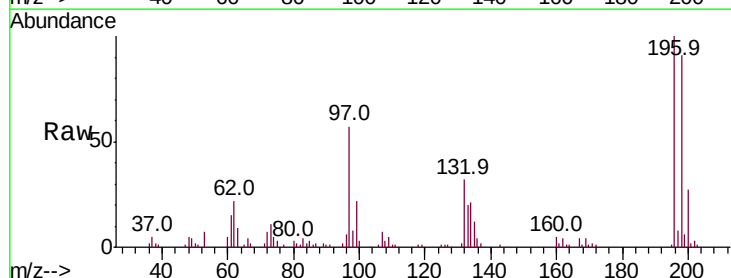
Instrument :
 BNA_F
 ClientSampled :

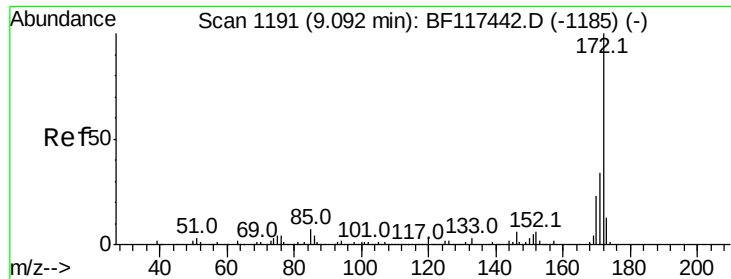
Tot Ion:196	Resp:	72361	
Ion Ratio	Lower	Upper	
196	100		
198	92.7	74.1	111.1
200	29.2	23.9	35.9



#44
 2,4,5-Trichlorophenol
 Concen: 46.113 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF117496.D
 Acq: 23 Oct 2019 21:10

Tgt	Ion:196	Resp:	75465
Ion	Ratio	Lower	Upper
196	100		
198	91.0	78.6	117.8
97	56.8	43.4	65.2
132	31.6	26.0	39.0

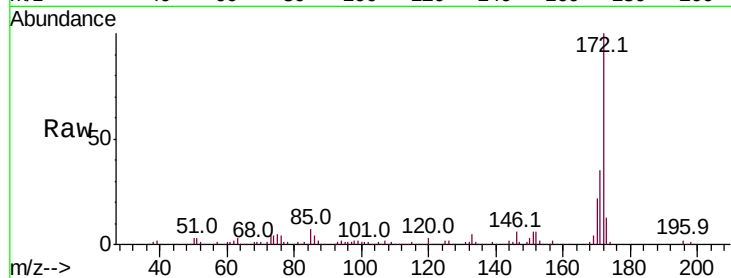




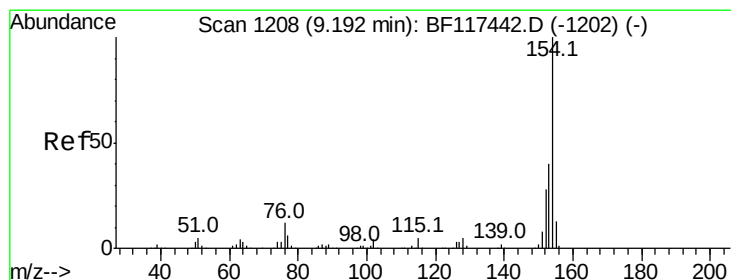
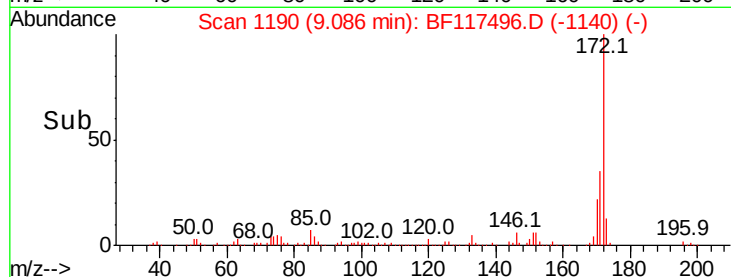
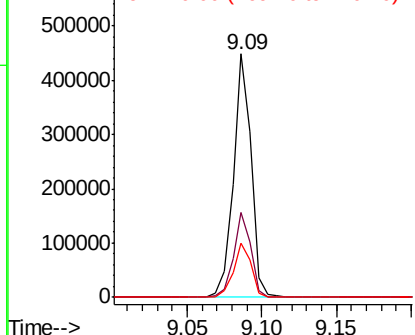
#45
2-Fluorobiphenyl
Concen: 55.305 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.5	41.3
170	22.3	18.6	27.8

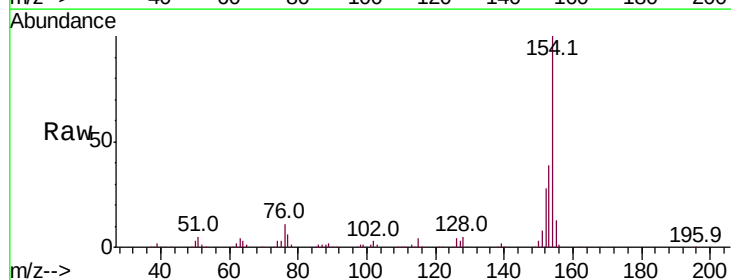


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

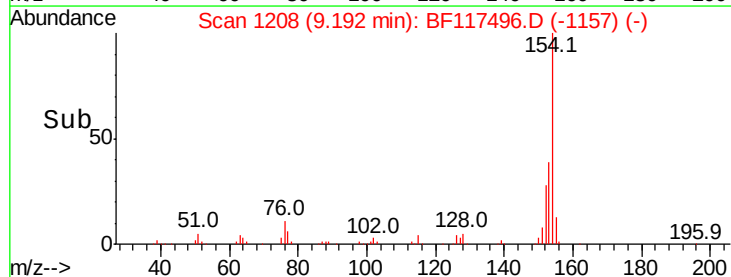
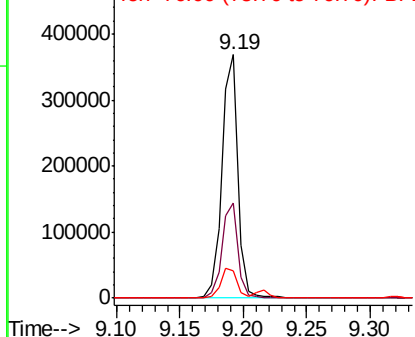


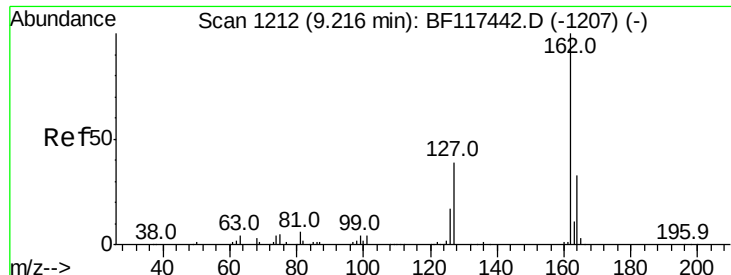
#46
1,1'-Biphenyl
Concen: 40.943 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.0	20.2	60.2
76	11.3	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

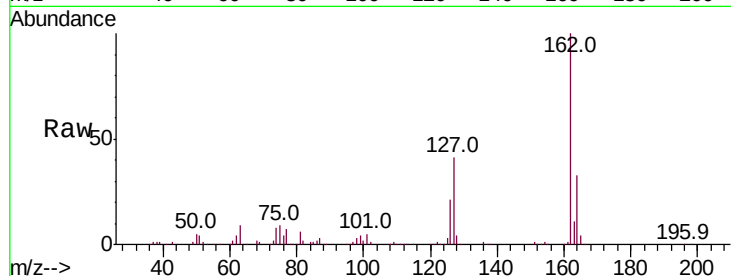




#47
2-Chloronaphthalene
Concen: 41.652 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.3	34.2	51.4
164	32.8	26.4	39.6

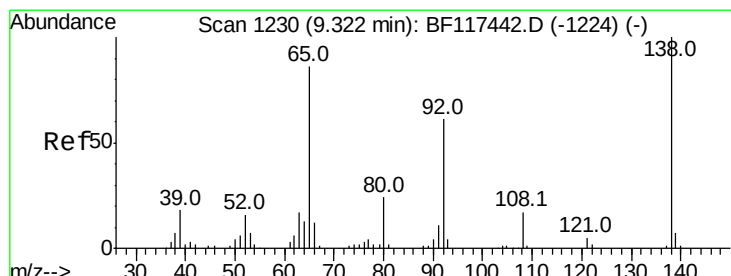
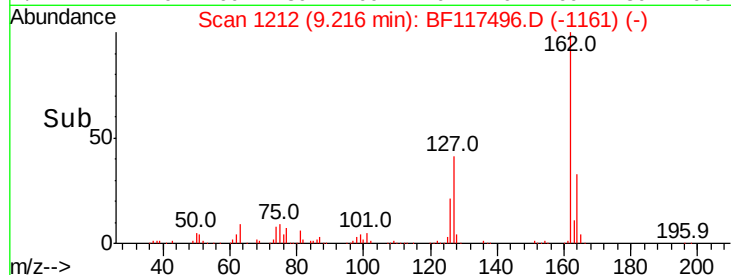
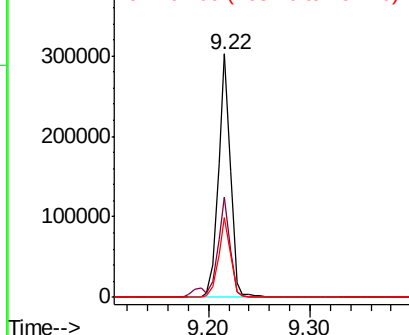


Abundance

Ion 162.00 (161.70 to 162.70): E

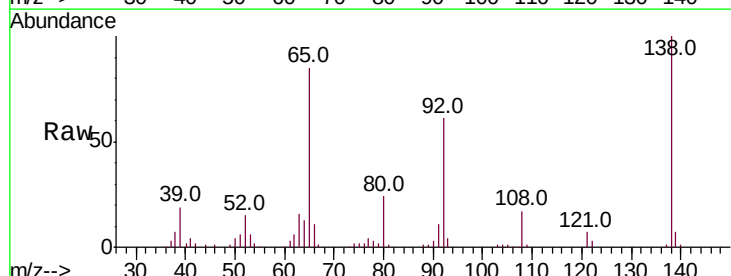
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 42.117 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.00 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.5	57.3	85.9
138	117.6	93.3	139.9

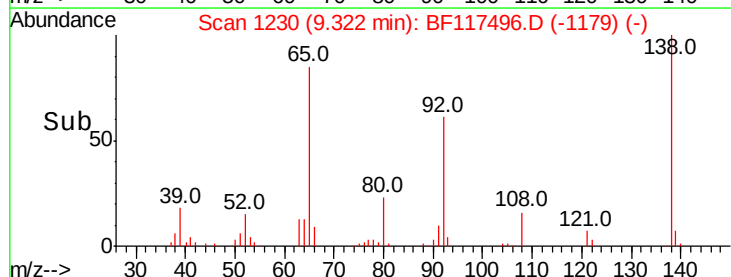
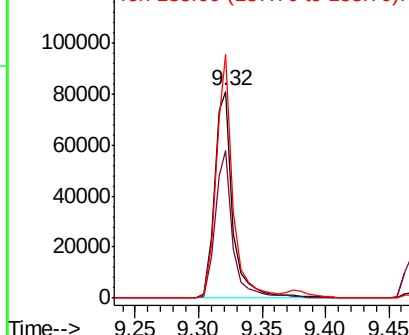


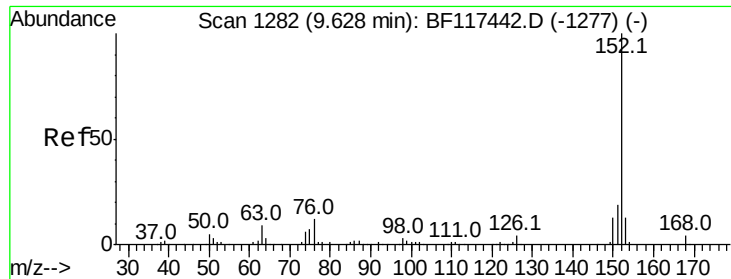
Abundance

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: 44.404 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BF117496.D

Acq: 23 Oct 2019 21:10

Instrument :

BNA_F

ClientSampleId :

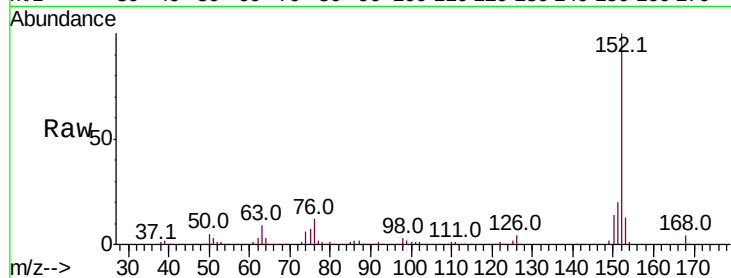
Tot Ion:152 Resp: 389820

Ion Ratio Lower Upper

152 100

151 20.0 15.4 23.0

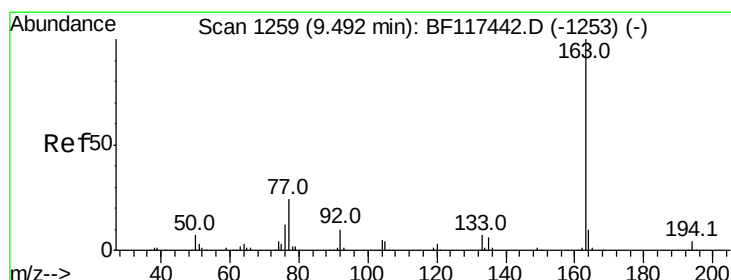
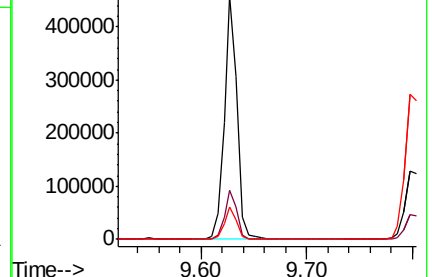
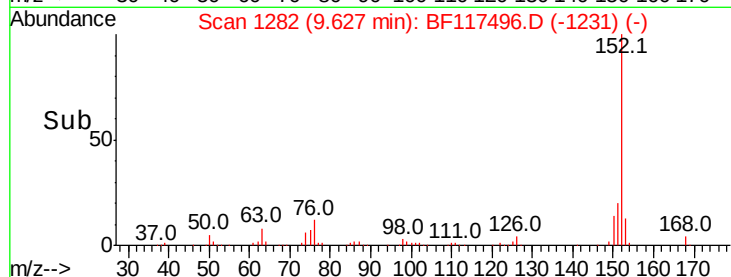
153 13.4 10.3 15.5



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: 57.380 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.00 min

Lab File: BF117496.D

Acq: 23 Oct 2019 21:10

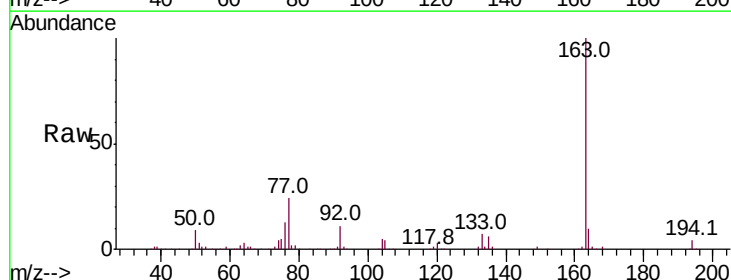
Tgt Ion:163 Resp: 391677

Ion Ratio Lower Upper

163 100

194 3.6 2.9 4.3

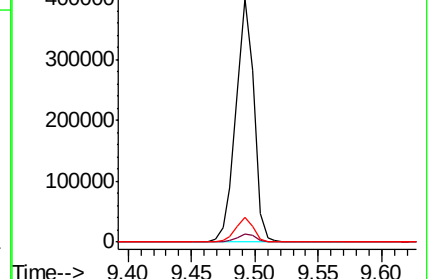
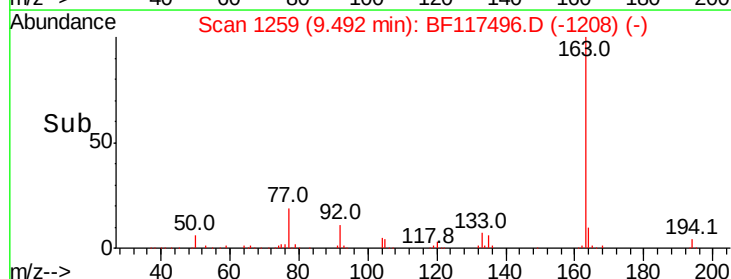
164 10.0 8.2 12.2

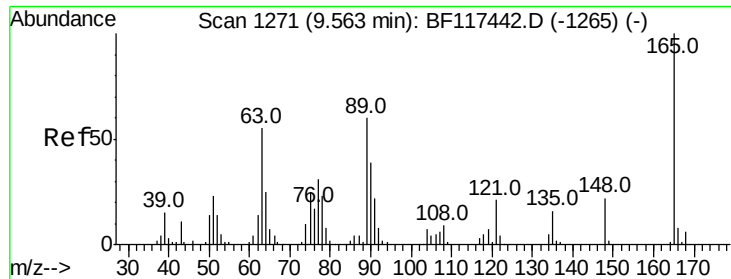


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

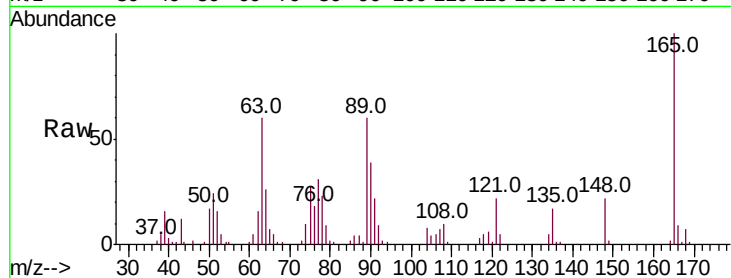




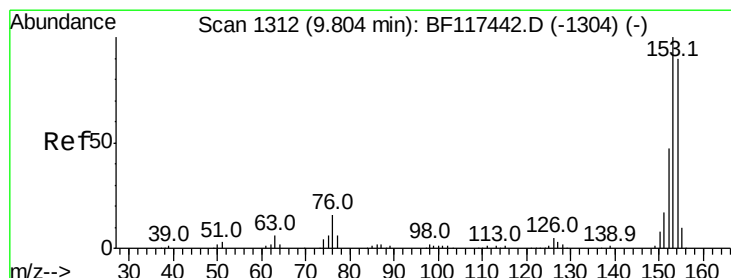
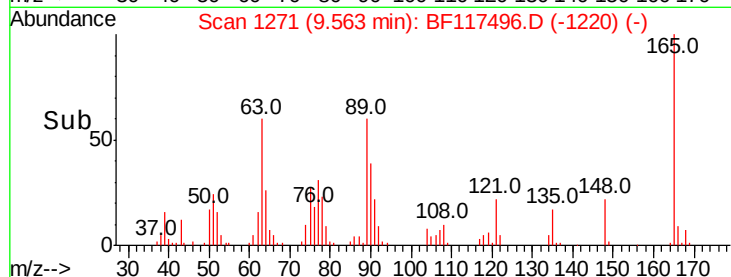
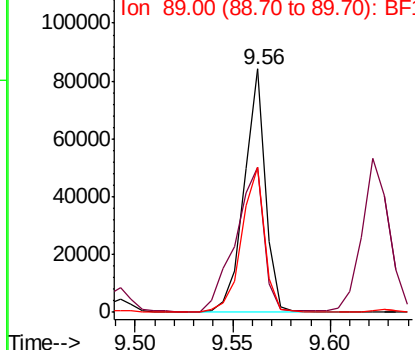
#51
 2,6-Dinitrotoluene
 Concen: 44.627 ng
 RT: 9.56 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: BF117496.D
 Acq: 23 Oct 2019 21:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	59.7	43.8	65.8
89	59.7	47.6	71.4

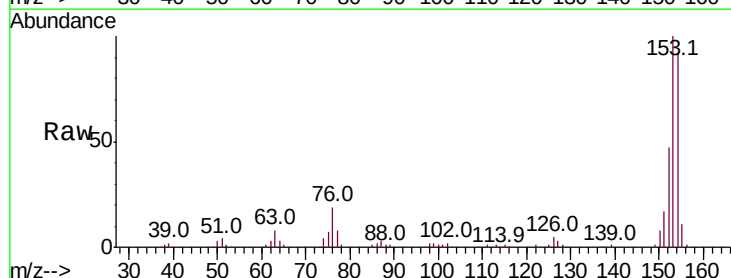


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

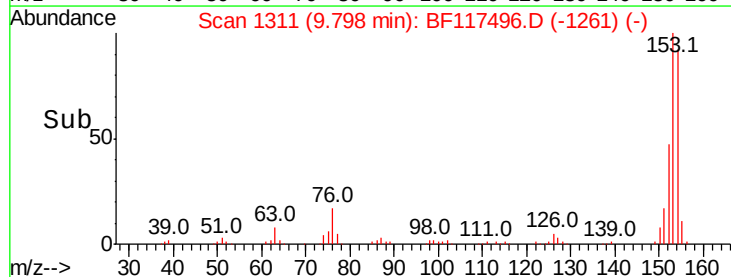
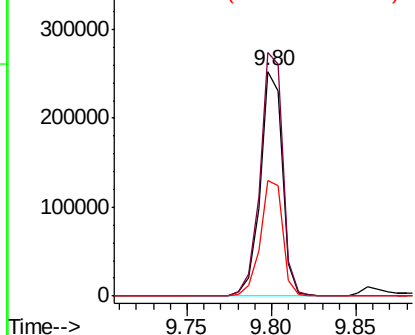


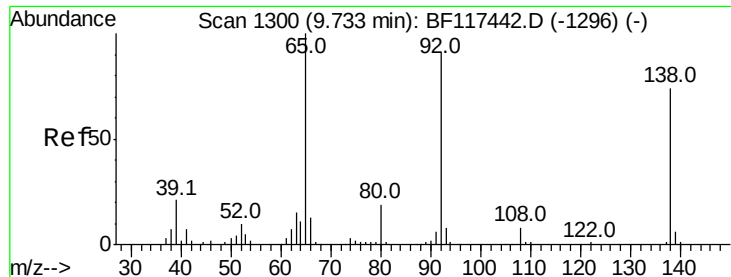
#52
 Acenaphthene
 Concen: 42.710 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF117496.D
 Acq: 23 Oct 2019 21:10

Tgt Ion	Ratio	Lower	Upper
154	100		
153	108.4	89.2	133.8
152	51.3	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

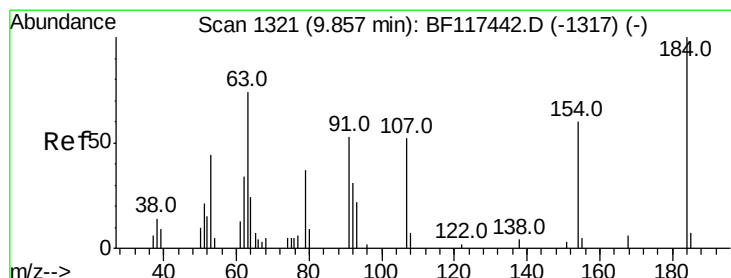
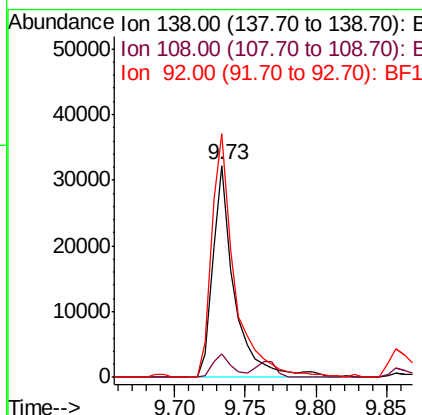
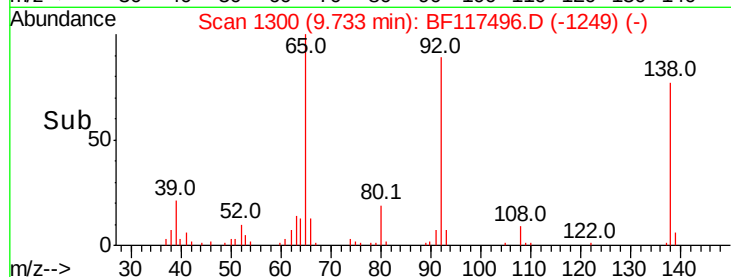
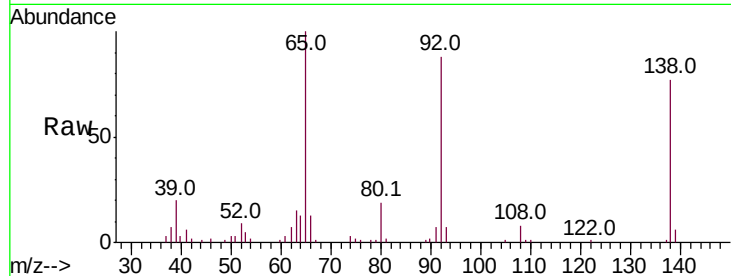




#53
 3-Nitroaniline
 Concen: 19.693 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.00 min
 Lab File: BF117496.D
 Acq: 23 Oct 2019 21:10

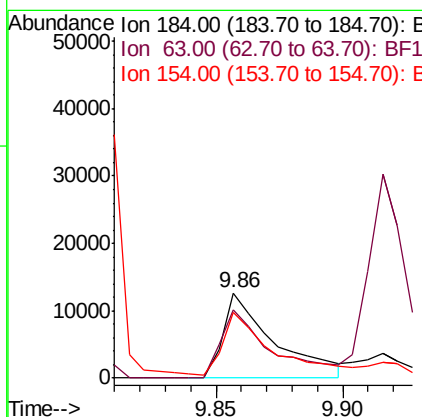
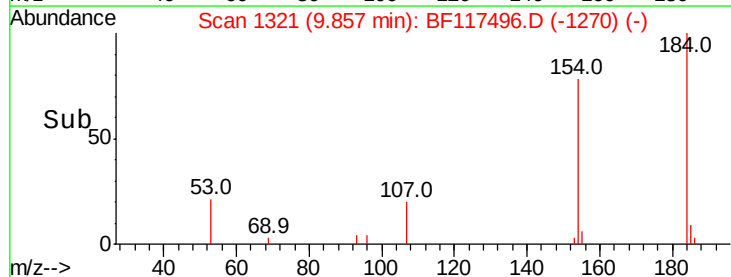
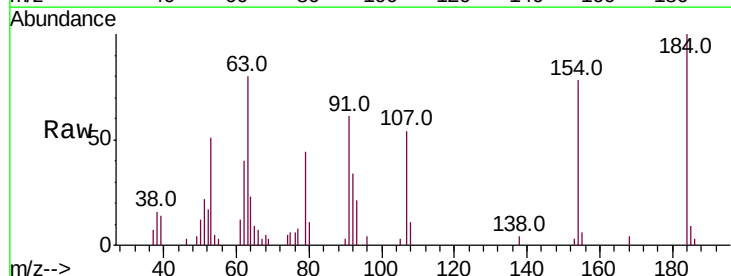
Instrument :
 BNA_F
 ClientSampleId :

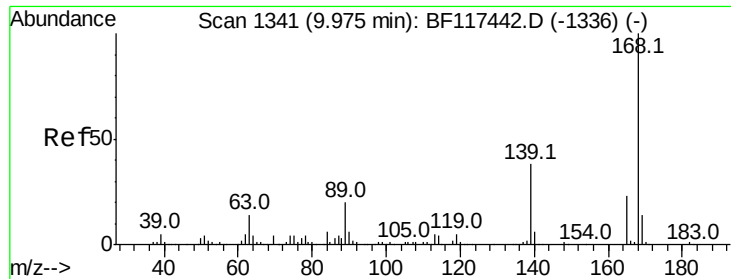
Tot Ion:138 Resp: 34035
 Ion Ratio Lower Upper
 138 100
 108 11.0 8.7 13.1
 92 115.1 98.4 147.6



#54
 2,4-Dinitrophenol
 Concen: 32.618 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: BF117496.D
 Acq: 23 Oct 2019 21:10

Tgt Ion:184 Resp: 17555
 Ion Ratio Lower Upper
 184 100
 63 79.8 59.2 88.8
 154 77.5 53.4 80.0

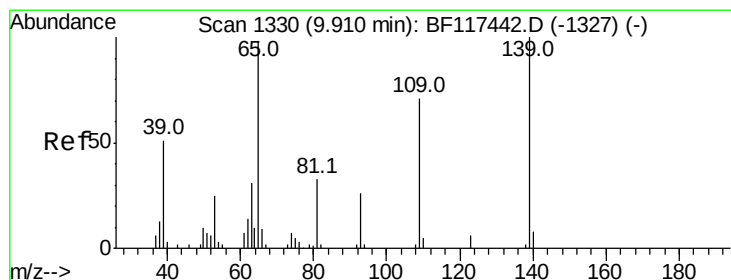
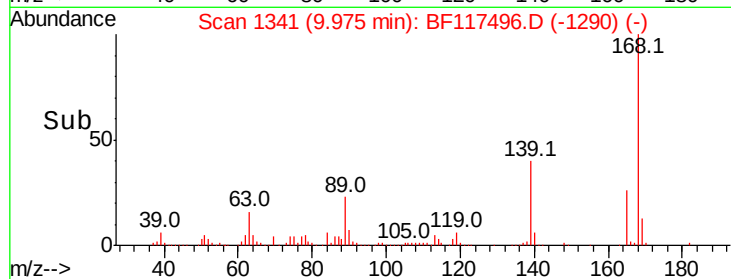
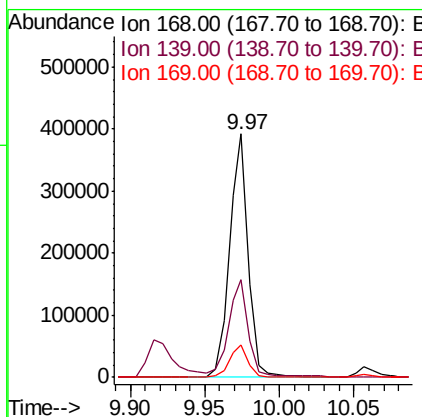
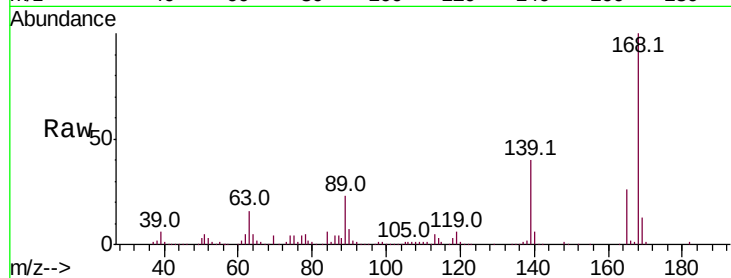




#55
 Dibenzofuran
 Concen: 44.250 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.00 min
 Lab File: BF117496.D
 Acq: 23 Oct 2019 21:10

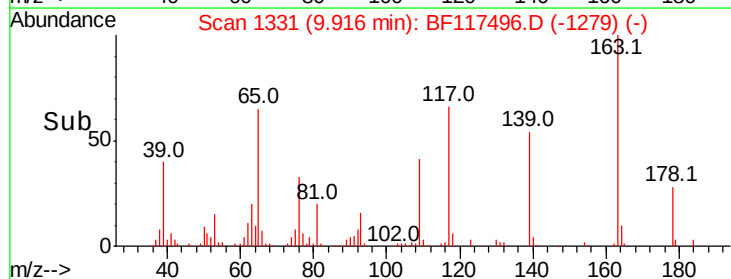
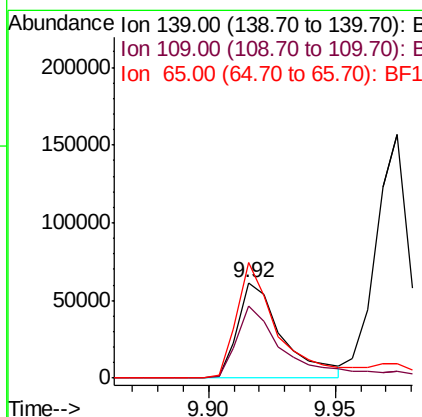
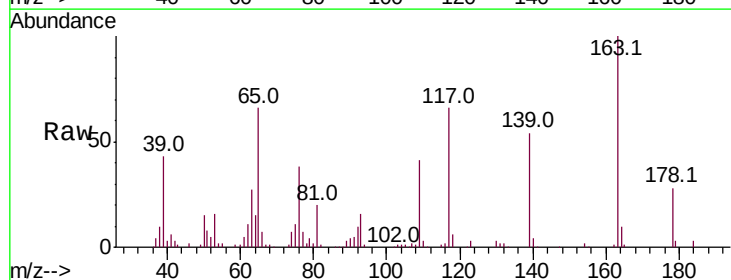
Instrument :
 BNA_F
 ClientSampled :

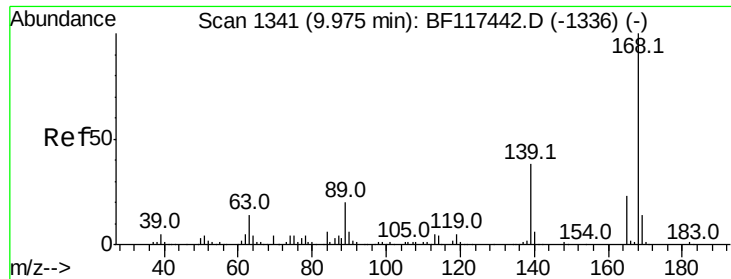
Tot Ion	Ratio	Lower	Upper
168	100		
139	40.0	31.8	47.6
169	13.5	11.2	16.8



#56
 4-Nitrophenol
 Concen: 93.683 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: BF117496.D
 Acq: 23 Oct 2019 21:10

Tgt Ion	Ratio	Lower	Upper
139	100		
109	75.4	51.4	91.4
65	121.4	79.4	119.4#

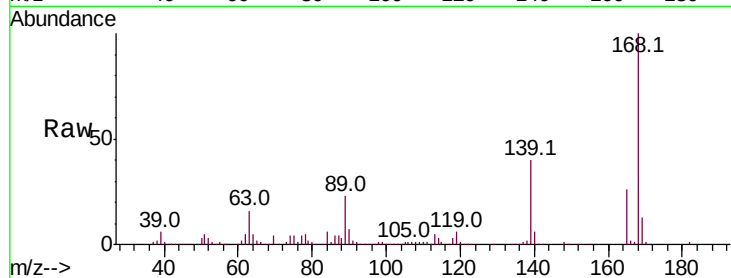




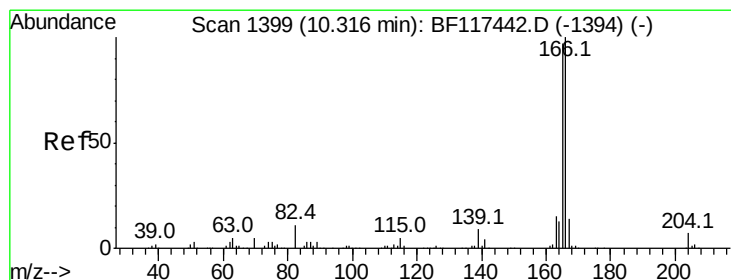
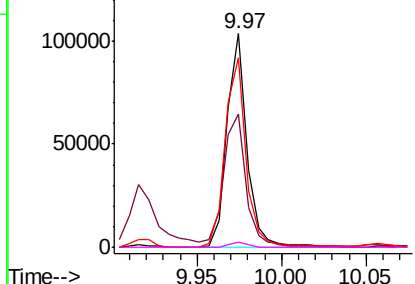
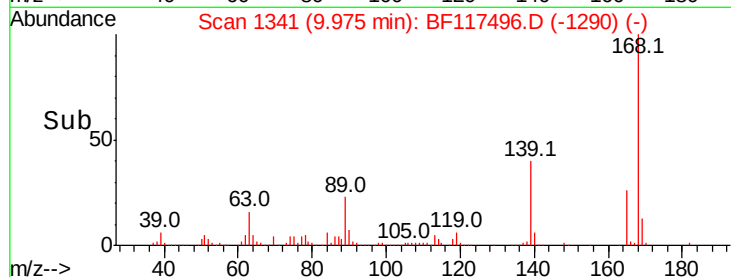
#57
 2,4-Dinitrotoluene
 Concen: 44.580 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.00 min
 Lab File: BF117496.D
 Acq: 23 Oct 2019 21:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	84425
Ion Ratio	Lower	Upper
165	100	
63	62.2	51.4 77.0
89	88.5	69.9 104.9
182	2.7	1.9 2.9

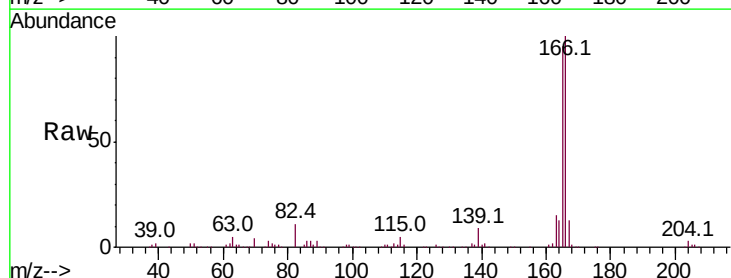


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

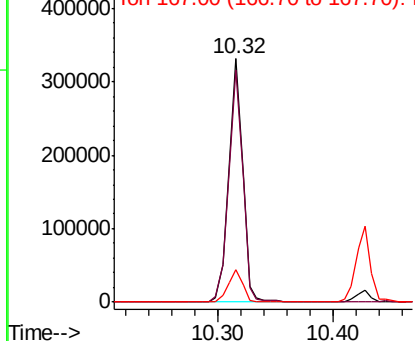
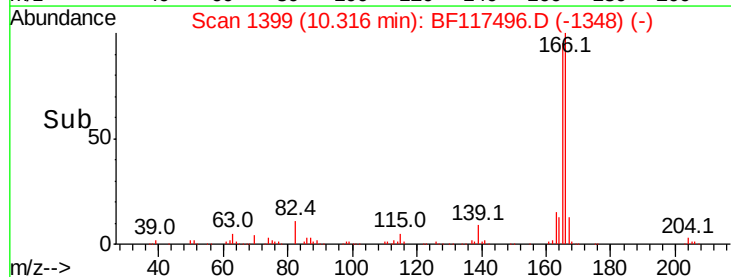


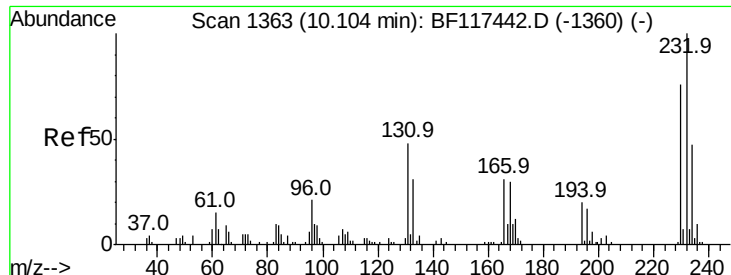
#58
 Fluorene
 Concen: 43.282 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.00 min
 Lab File: BF117496.D
 Acq: 23 Oct 2019 21:10

Tgt Ion:166	Resp:	279303
Ion Ratio	Lower	Upper
166	100	
165	95.1	77.6 116.4
167	13.2	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

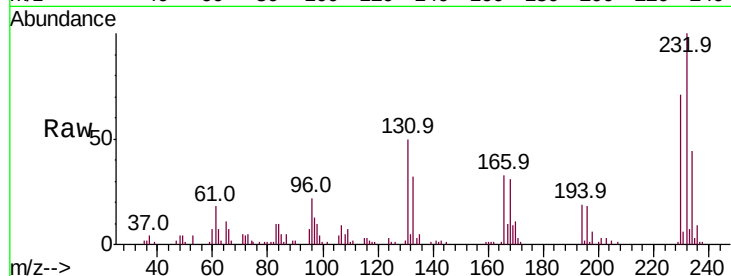




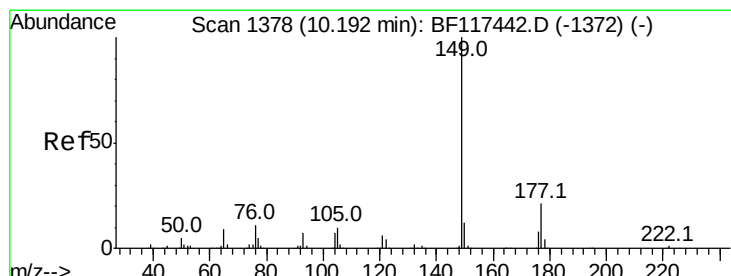
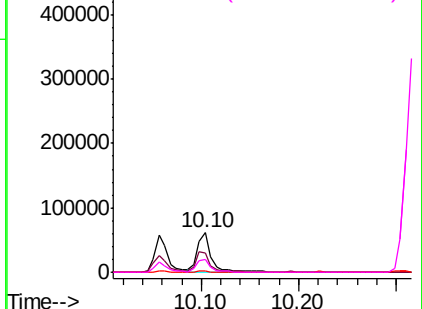
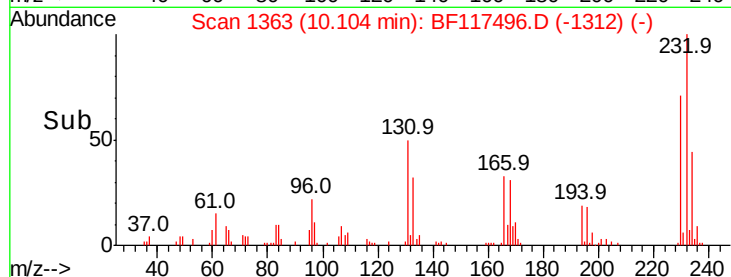
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.156 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: BF117496.D
 Acq: 23 Oct 2019 21:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:232 Resp: 60654
 Ion Ratio Lower Upper
 232 100
 131 52.1 42.6 63.8
 130 2.4 2.2 3.4
 166 34.3 27.5 41.3

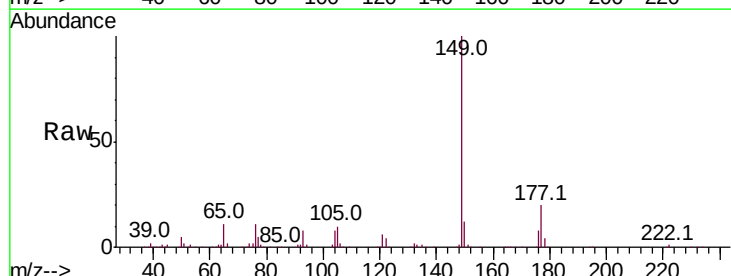


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

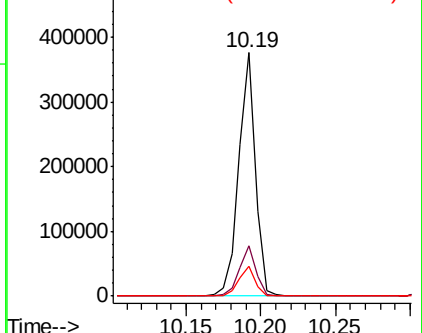
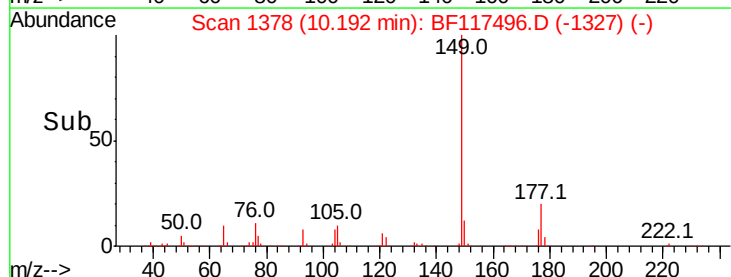


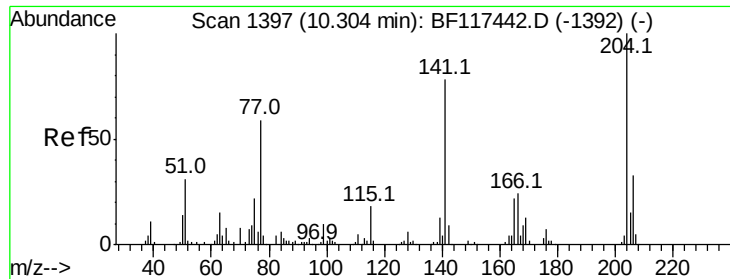
#60
 Diethylphthalate
 Concen: 42.852 ng
 RT: 10.19 min Scan# 1378
 Delta R.T. -0.00 min
 Lab File: BF117496.D
 Acq: 23 Oct 2019 21:10

Tgt Ion:149 Resp: 295864
 Ion Ratio Lower Upper
 149 100
 177 20.5 17.0 25.4
 150 12.4 9.8 14.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

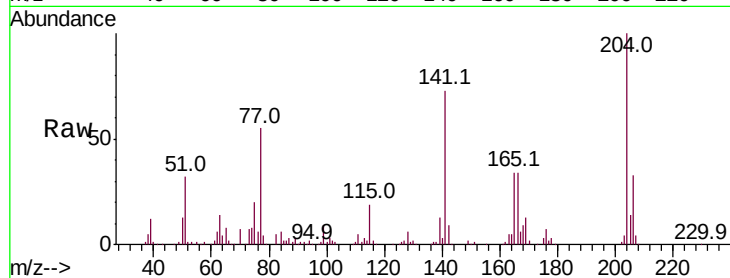




#61
4-Chlorophenyl-phenylether
Concen: 42.258 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.00 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.3	39.5
141	73.4	62.2	93.4

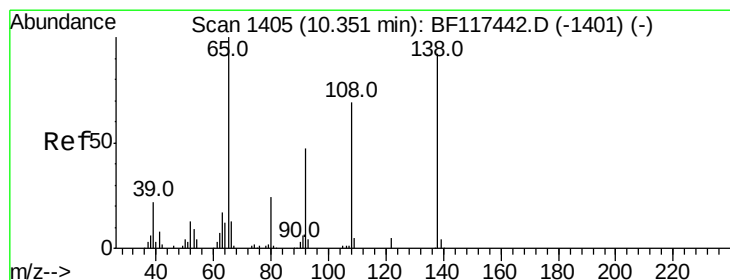
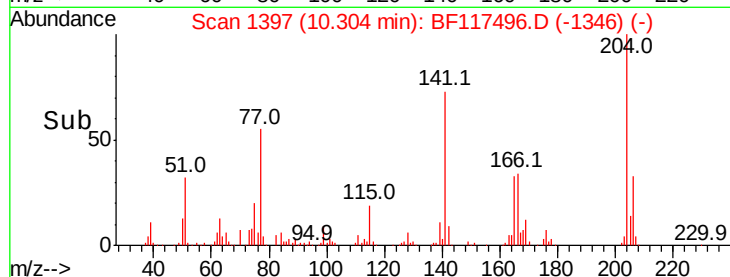
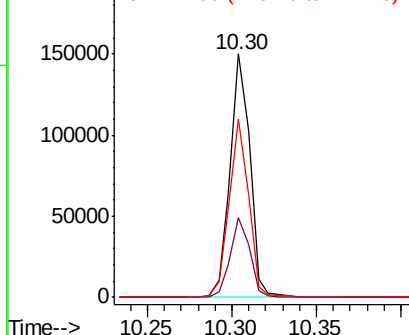


Abundance

Ion 204.00 (203.70 to 204.70): E

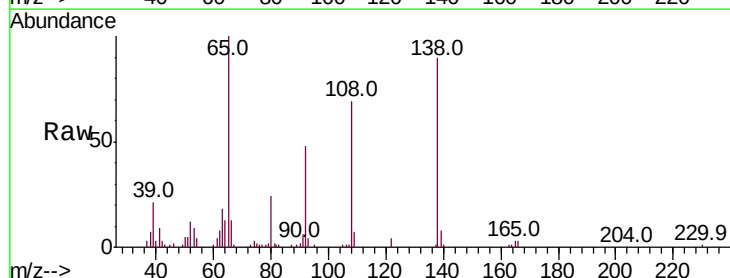
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 32.853 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.1	30.3	70.3
108	77.4	54.9	94.9

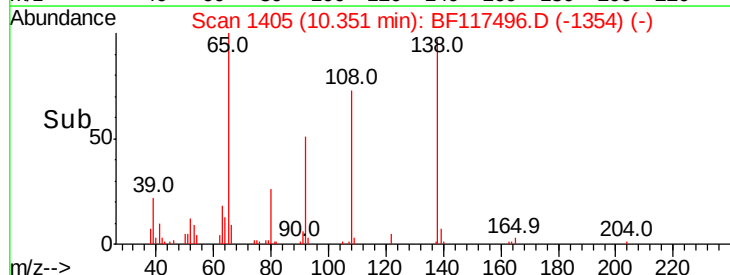
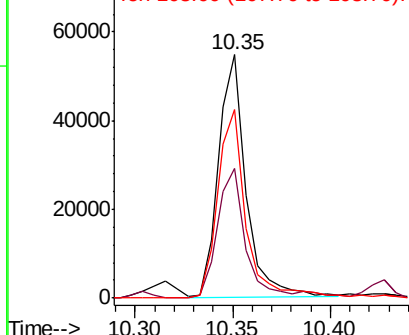


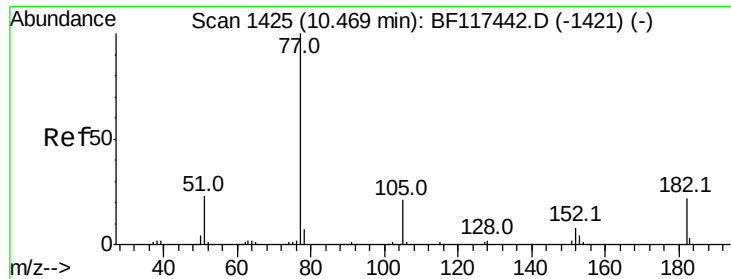
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E

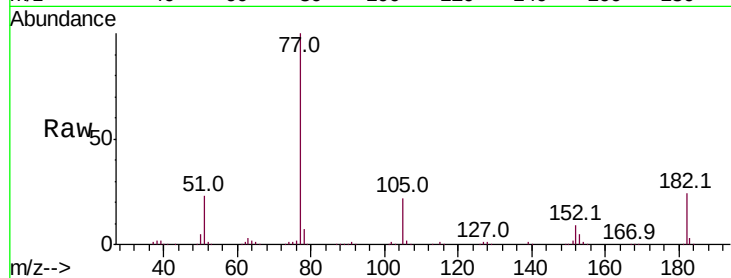




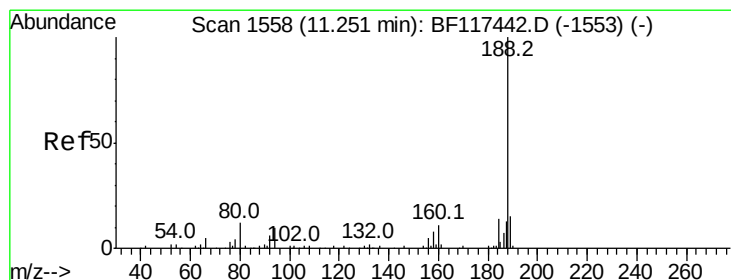
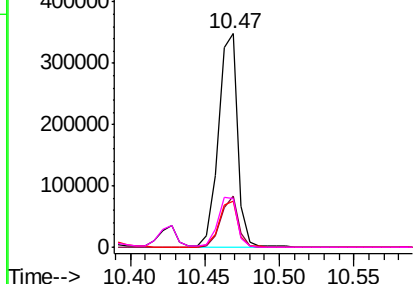
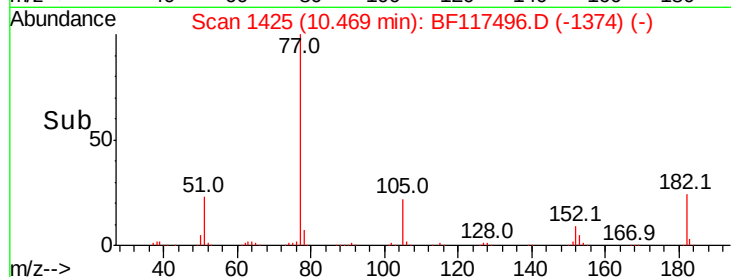
#63
Azobenzene
Concen: 44.539 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
77	100		
182	24.1	2.3	42.3
105	21.8	1.3	41.3
51	22.8	3.5	43.5

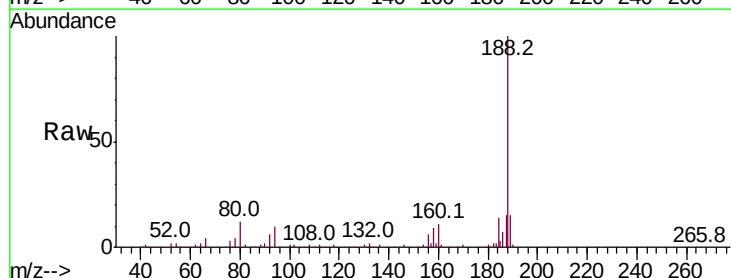


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

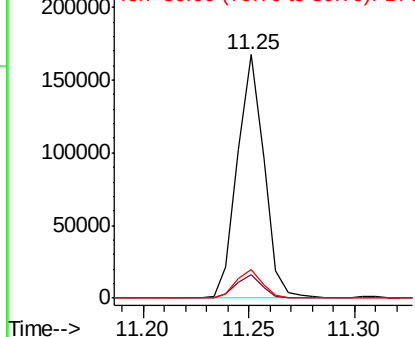
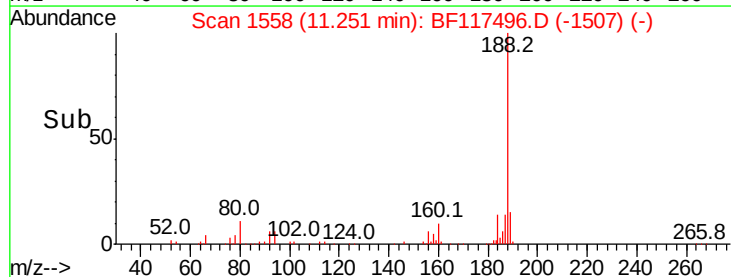


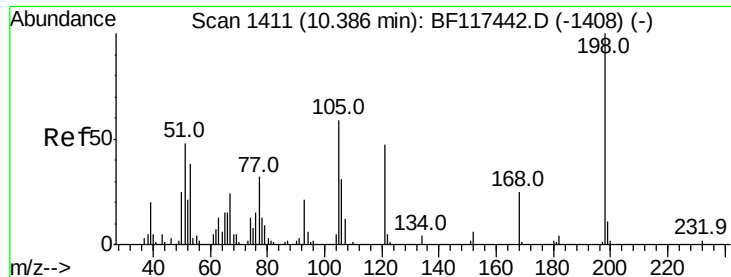
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.0	12.0
80	11.7	9.5	14.3



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

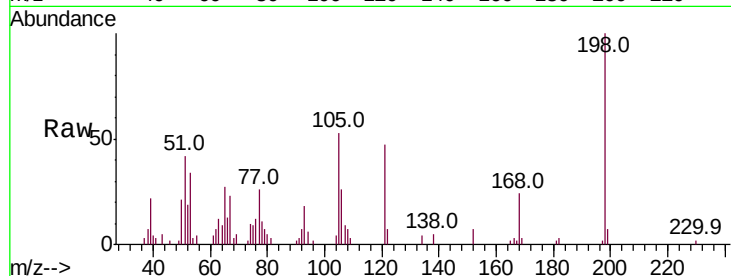




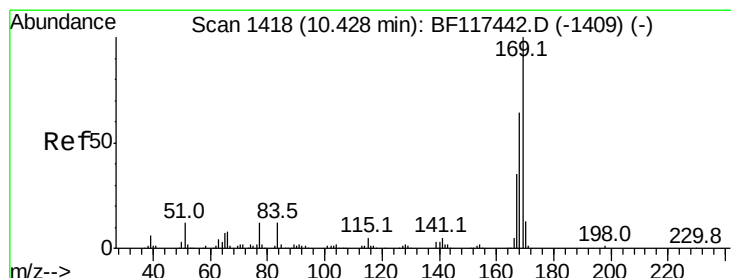
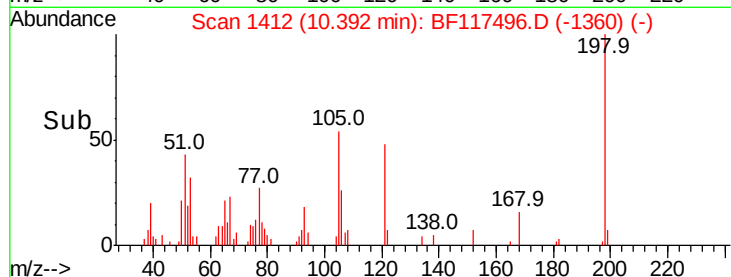
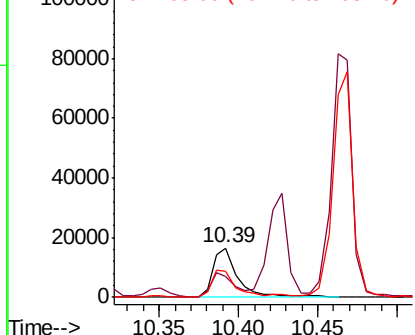
#65
4,6-Dinitro-2-methylphenol
Concen: 23.905 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 17864
Ion Ratio Lower Upper
198 100
51 42.4 29.1 69.1
105 52.8 39.4 79.4

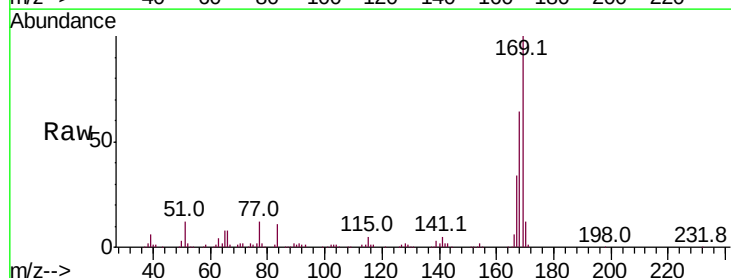


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

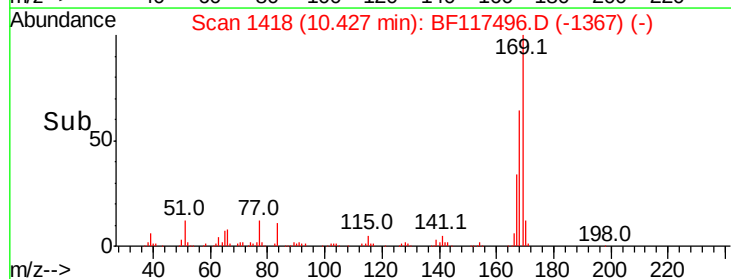
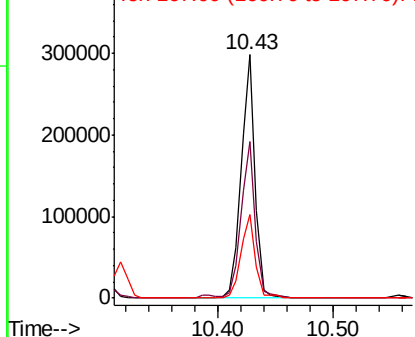


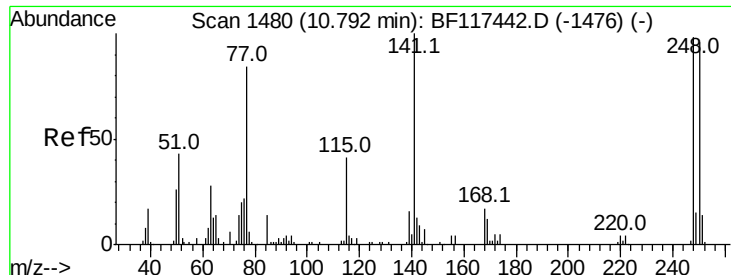
#66
n-Nitrosodiphenylamine
Concen: 46.222 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Tgt Ion:169 Resp: 248372
Ion Ratio Lower Upper
169 100
168 64.5 51.3 76.9
167 34.5 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

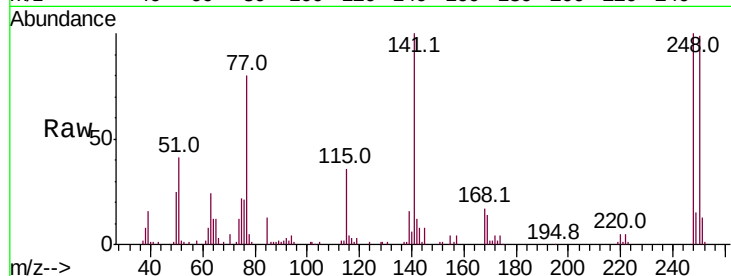




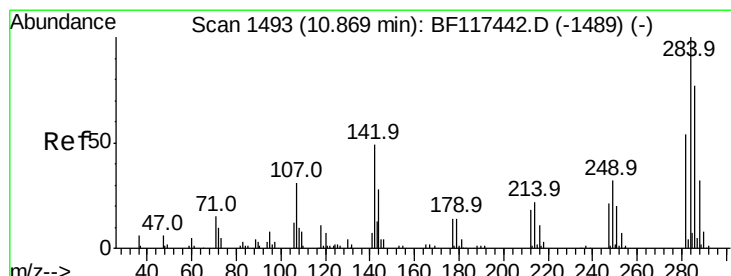
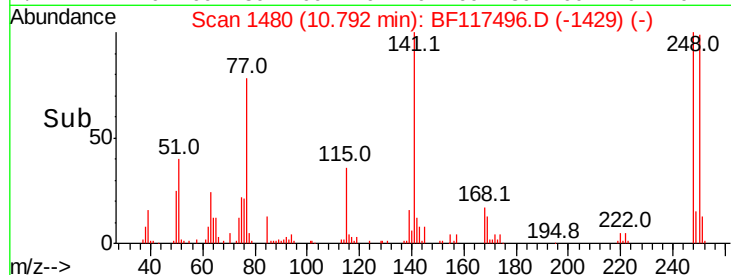
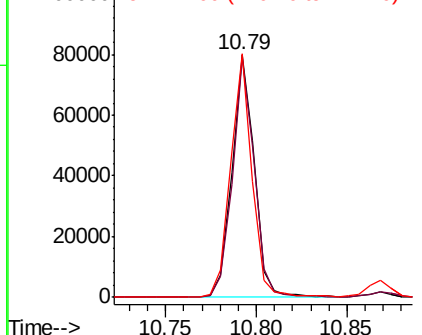
#67
4-Bromophenyl-phenylether
Concen: 43.332 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.00 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 68602
Ion Ratio Lower Upper
248 100
250 98.8 78.0 117.0
141 100.3 81.7 122.5

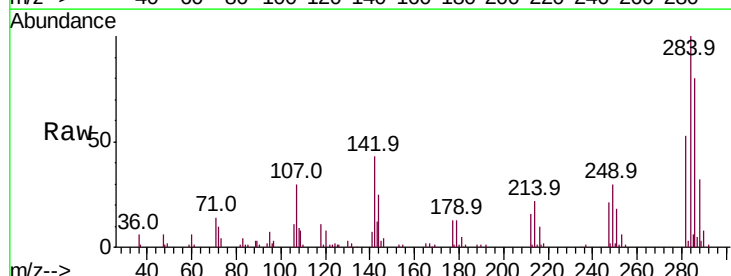


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

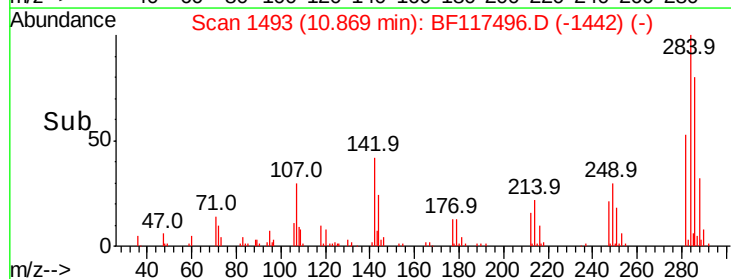
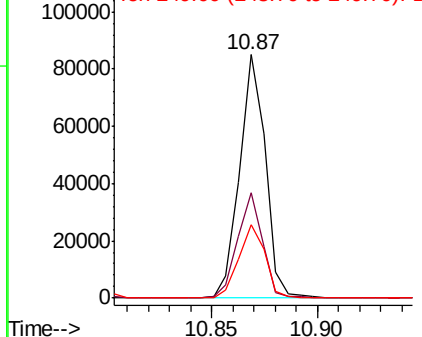


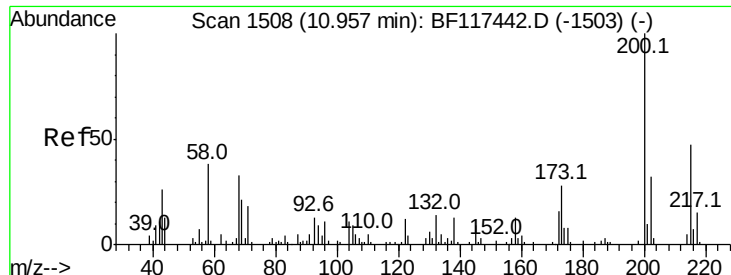
#68
Hexachlorobenzene
Concen: 42.223 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Tgt Ion:284 Resp: 71589
Ion Ratio Lower Upper
284 100
142 43.1 39.0 58.6
249 30.0 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: 55.448 ng

RT: 10.96 min Scan# 1508

Delta R.T. -0.00 min

Lab File: BF117496.D

Acq: 23 Oct 2019 21:10

Instrument :

BNA_F

ClientSampled :

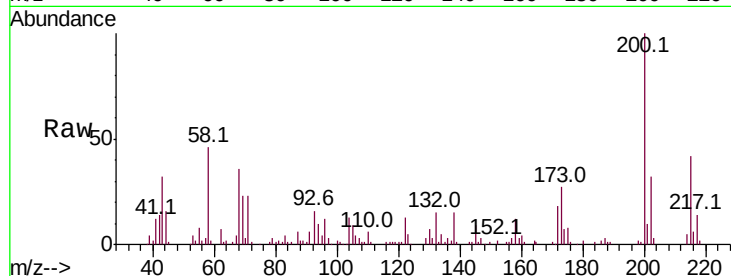
Tot Ion:200 Resp: 75805

Ion Ratio Lower Upper

200 100

173 27.2 8.2 48.2

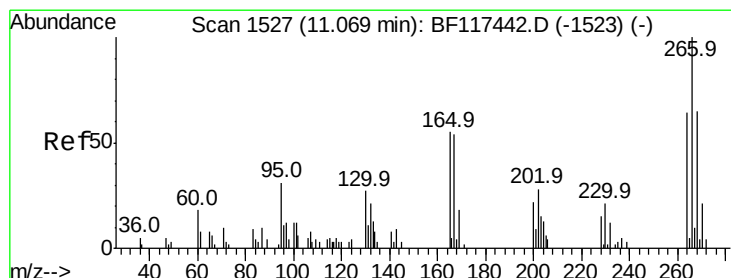
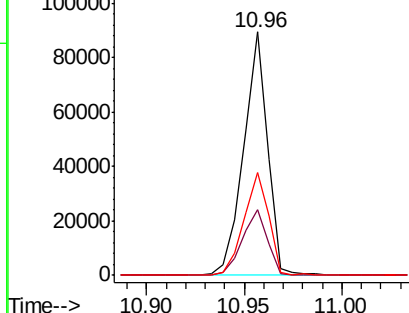
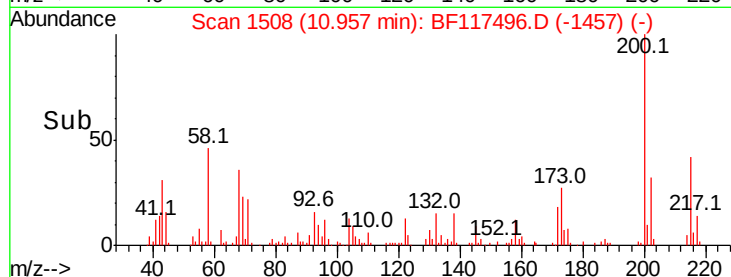
215 42.3 26.8 66.8



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: 118.790 ng

RT: 11.07 min Scan# 1527

Delta R.T. -0.00 min

Lab File: BF117496.D

Acq: 23 Oct 2019 21:10

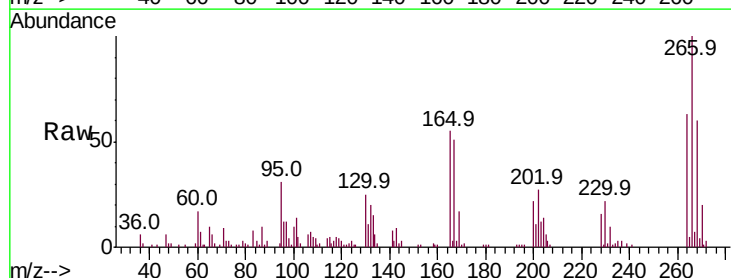
Tgt Ion:266 Resp: 60379

Ion Ratio Lower Upper

266 100

268 59.9 51.6 77.4

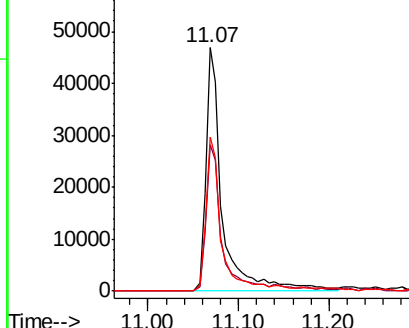
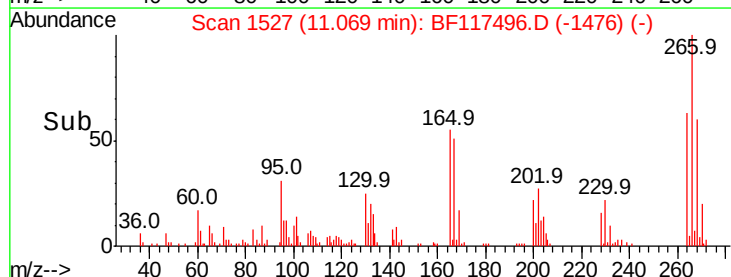
264 63.5 51.4 77.2

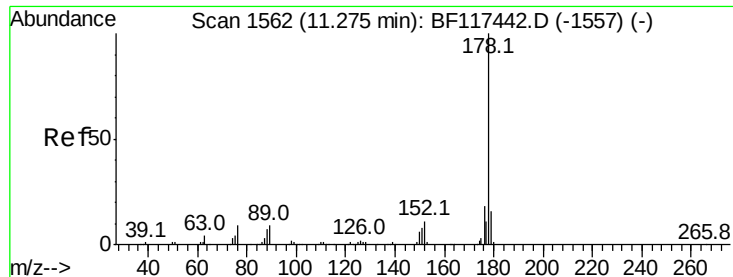


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

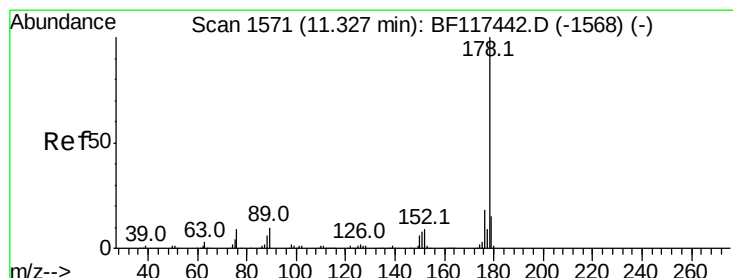
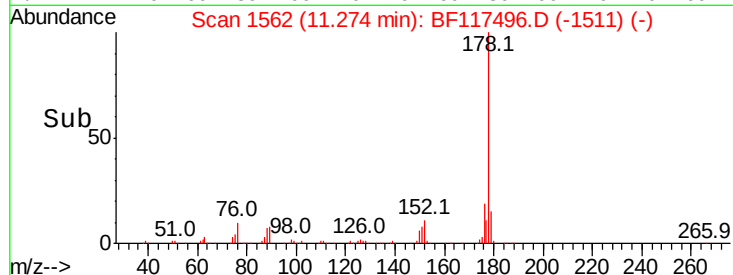
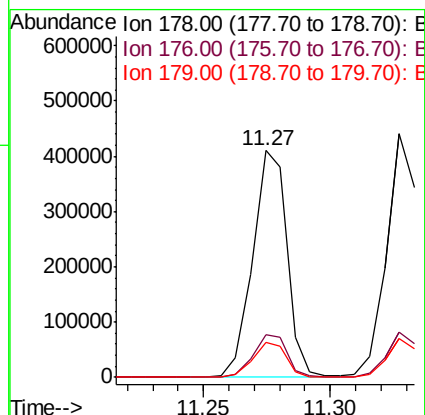
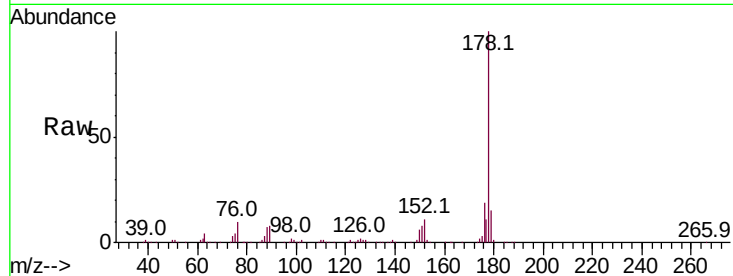




#71
Phenanthrene
Concen: 45.761 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

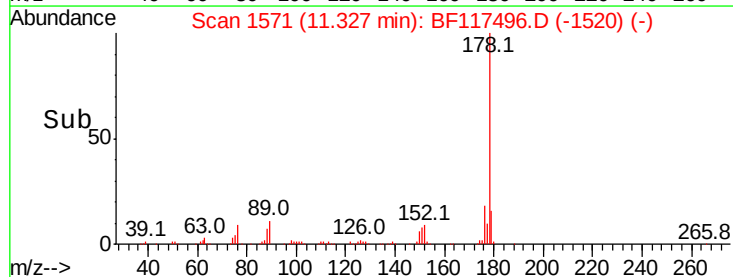
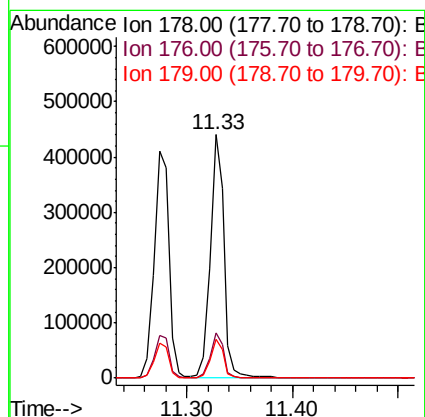
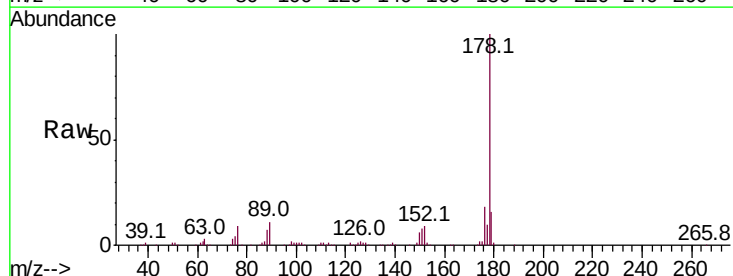
Instrument :
BNA_F
ClientSampled :

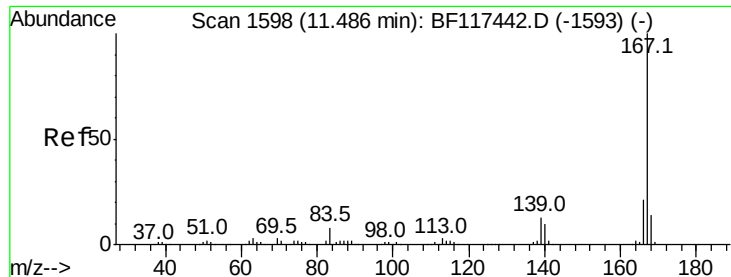
Tot Ion:178 Resp: 390564
Ion Ratio Lower Upper
178 100
176 19.0 14.6 22.0
179 15.4 12.6 19.0



#72
Anthracene
Concen: 45.285 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Tgt Ion:178 Resp: 396570
Ion Ratio Lower Upper
178 100
176 18.4 14.7 22.1
179 15.8 12.2 18.2

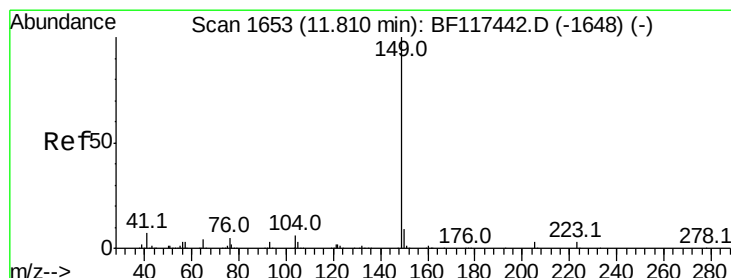
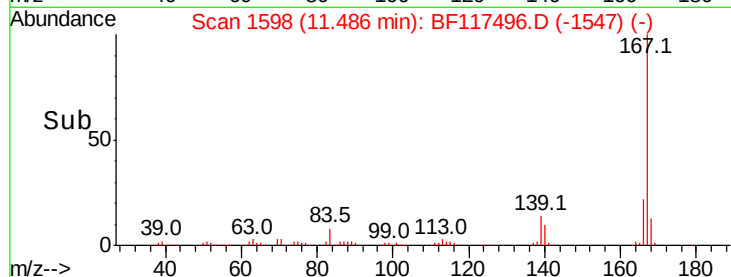
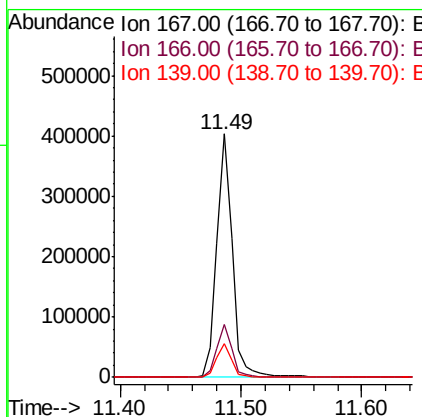
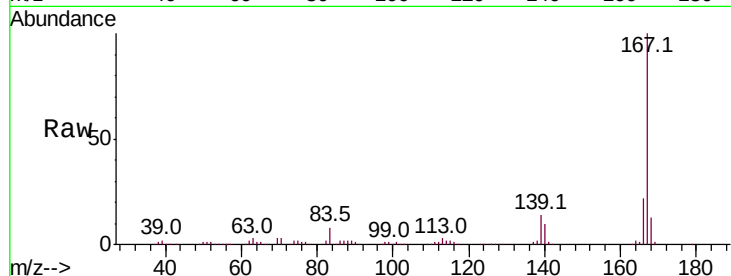




#73
 Carbazole
 Concen: 44.492 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF117496.D
 Acq: 23 Oct 2019 21:10

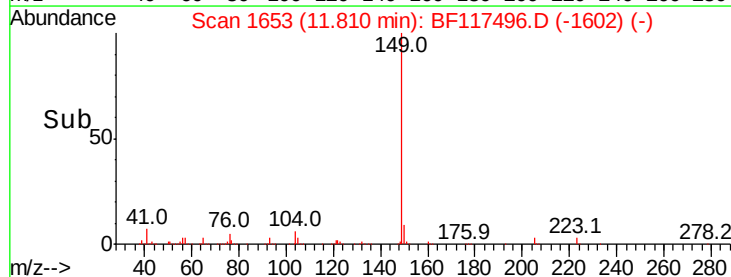
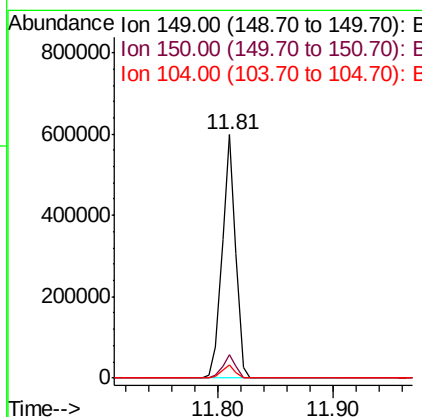
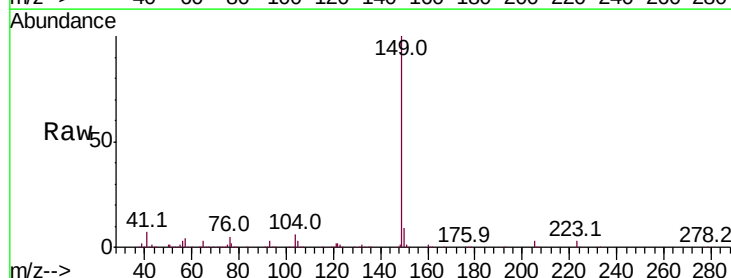
Instrument :
 BNA_F
 ClientSampleId :

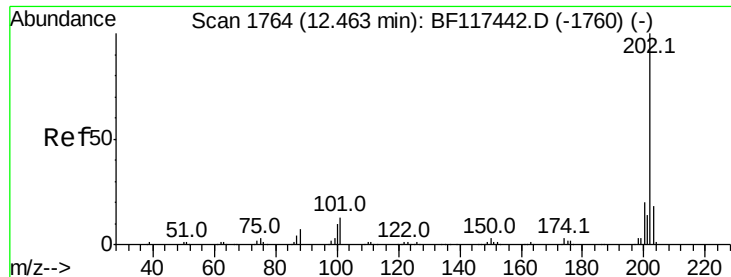
Tot Ion:167 Resp: 356073
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.0 25.6
 139 14.0 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 45.176 ng
 RT: 11.81 min Scan# 1653
 Delta R.T. -0.00 min
 Lab File: BF117496.D
 Acq: 23 Oct 2019 21:10

Tgt Ion:149 Resp: 483085
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.5 11.3
 104 5.6 4.6 6.8





#75

Fluoranthene

Concen: 41.692 ng

RT: 12.46 min Scan# 1764

Delta R.T. -0.00 min

Lab File: BF117496.D

Acq: 23 Oct 2019 21:10

Instrument :

BNA_F

ClientSampled :

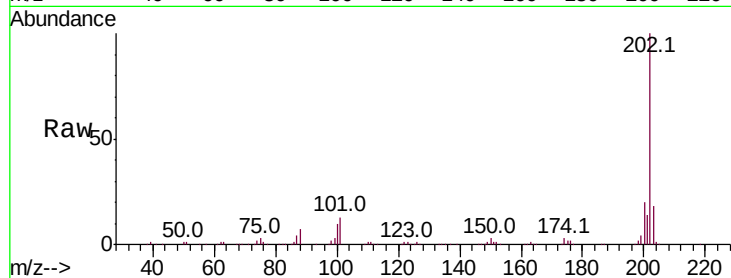
Tot Ion:202 Resp: 356214

Ion Ratio Lower Upper

202 100

101 12.9 0.0 32.7

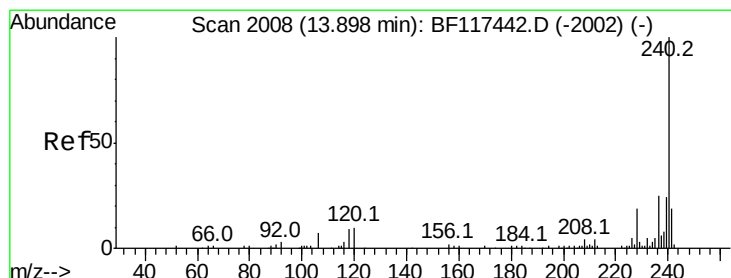
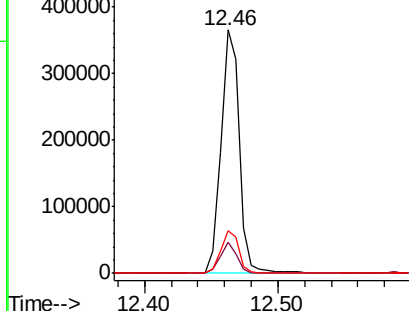
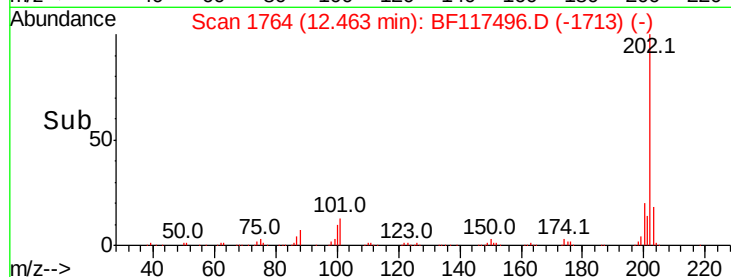
203 17.7 0.0 37.6



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: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF117496.D

Acq: 23 Oct 2019 21:10

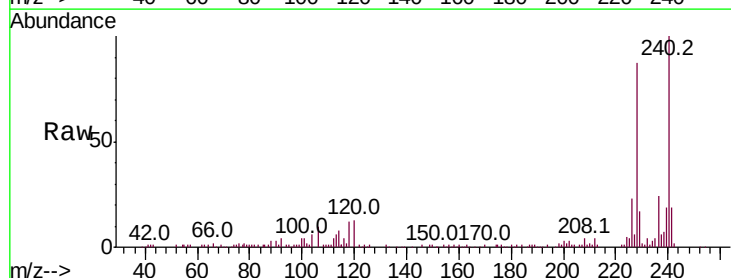
Tgt Ion:240 Resp: 82097

Ion Ratio Lower Upper

240 100

120 12.8 8.4 12.6#

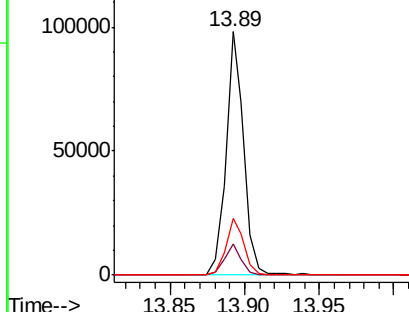
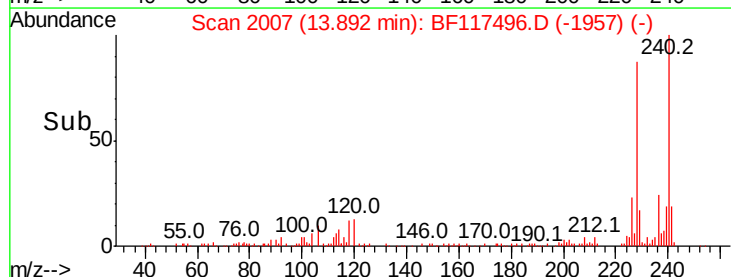
236 23.6 20.0 30.0

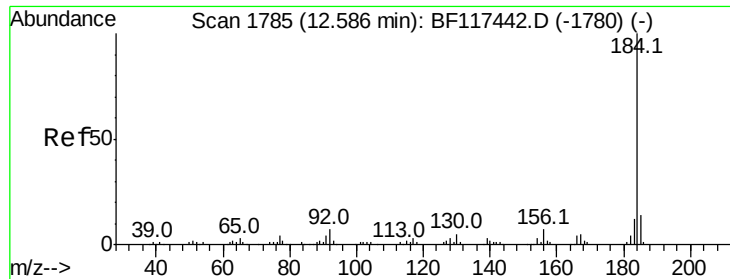


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: Below Cal

RT: 12.59 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF117496.D

Acq: 23 Oct 2019 21:10

Instrument :

BNA_F

ClientSampleId :

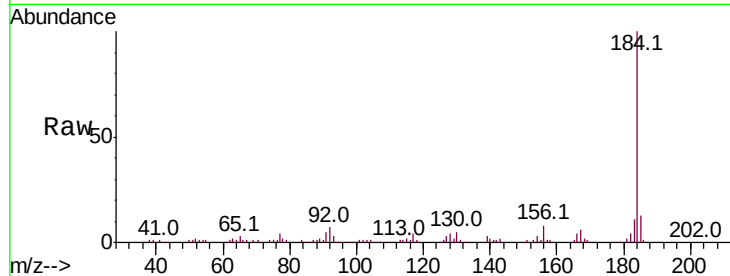
Tot Ion:184 Resp: 183801

Ion	Ratio	Lower	Upper
184	100		
185	13.3	11.4	17.0
183	11.1	9.6	14.4

184 100

185 13.3 11.4 17.0

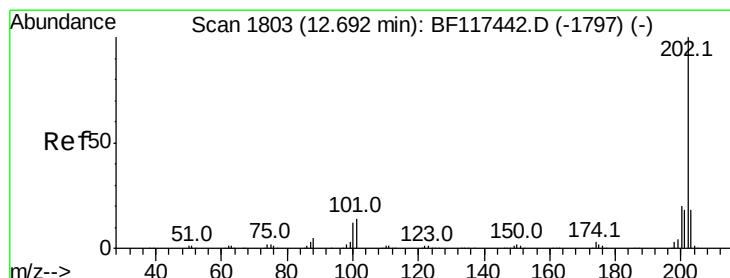
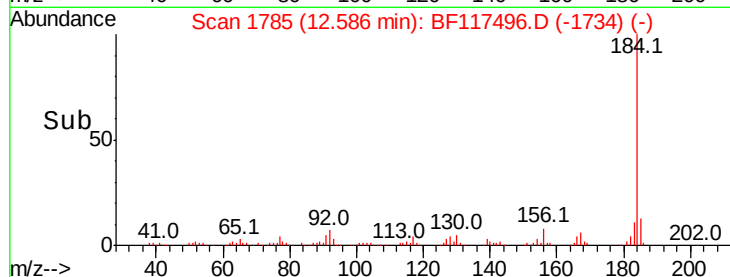
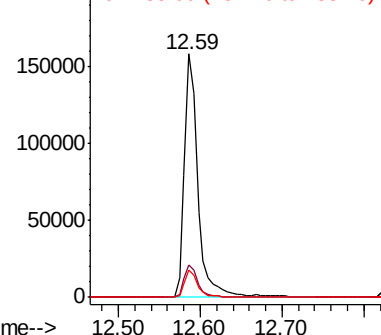
183 11.1 9.6 14.4



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: 48.293 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.00 min

Lab File: BF117496.D

Acq: 23 Oct 2019 21:10

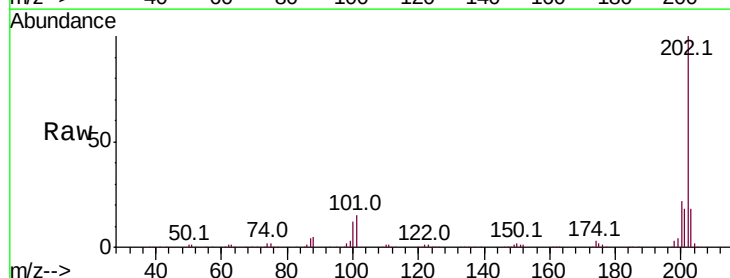
Tgt Ion:202 Resp: 340546

Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.2	24.2
203	18.0	14.0	21.0

202 100

200 21.6 16.2 24.2

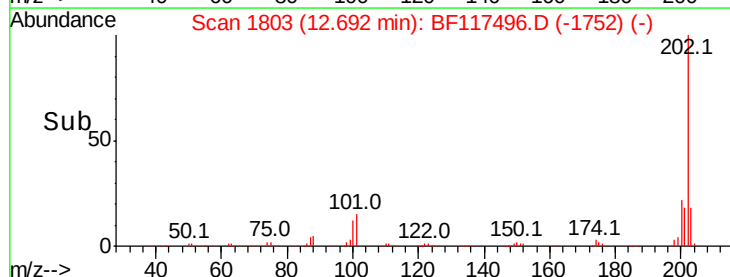
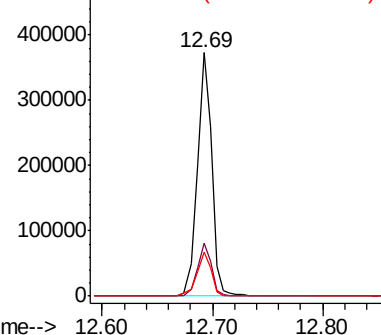
203 18.0 14.0 21.0

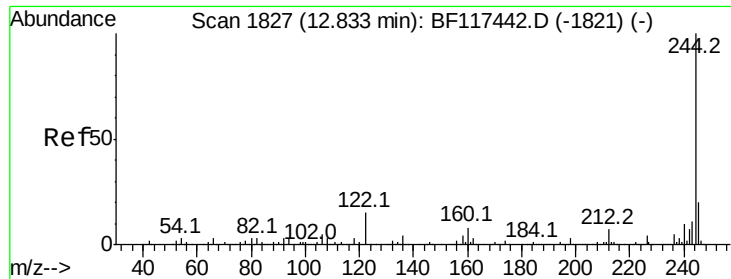


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

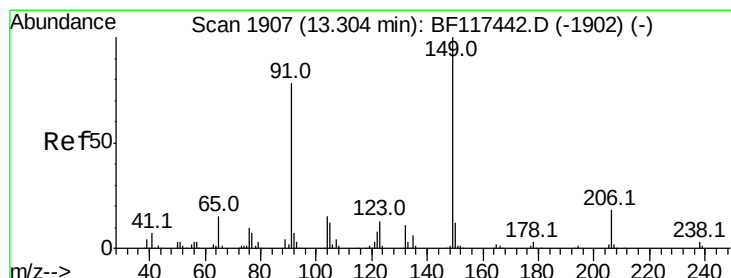
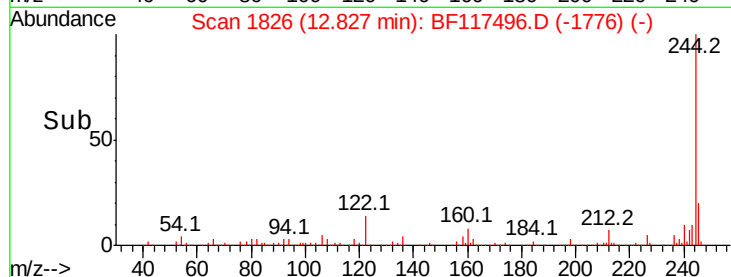
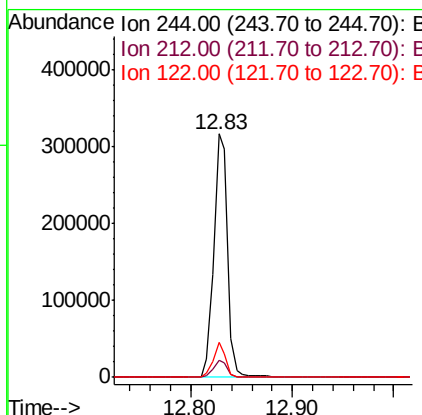
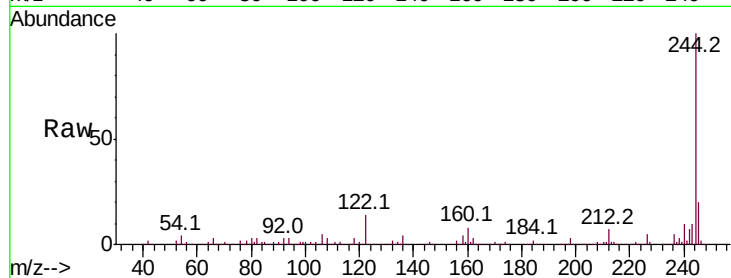




#79
 Terphenyl-d14
 Concen: 59.365 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF117496.D
 Acq: 23 Oct 2019 21:10

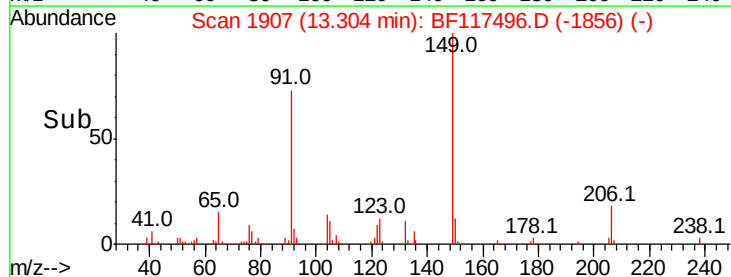
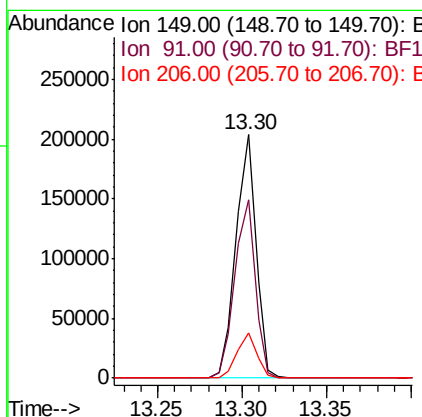
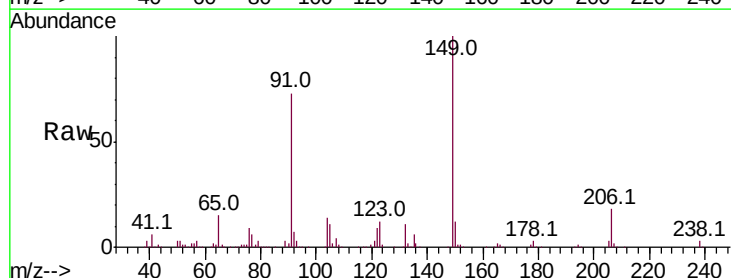
Instrument :
 BNA_F
 ClientSampleId :

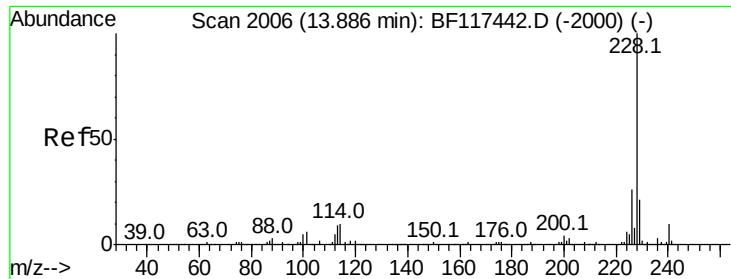
Tot Ion:244 Resp: 298794
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 14.2 11.8 17.8



#80
 Butylbenzylphthalate
 Concen: 48.499 ng
 RT: 13.30 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: BF117496.D
 Acq: 23 Oct 2019 21:10

Tgt Ion:149 Resp: 170187
 Ion Ratio Lower Upper
 149 100
 91 73.3 62.1 93.1
 206 18.3 14.3 21.5

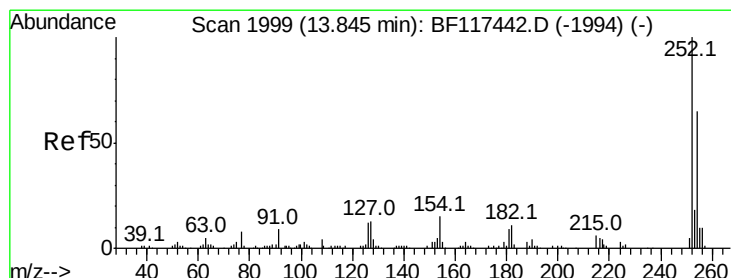
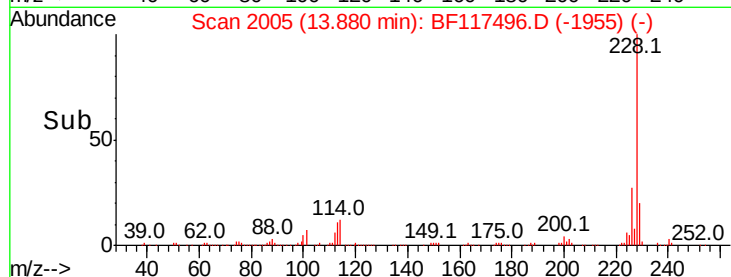
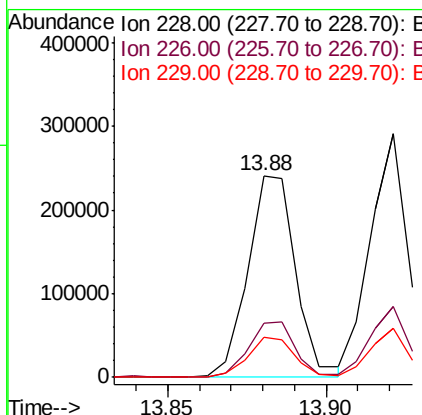
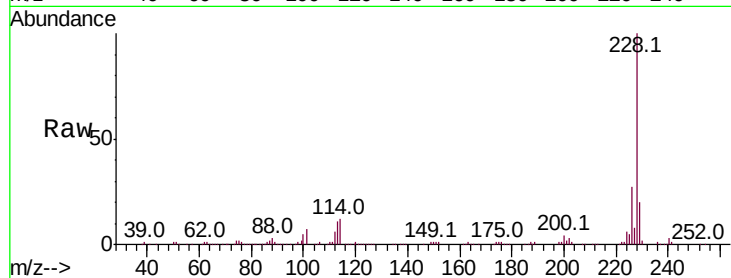




#81
Benzo(a)anthracene
Concen: 45.631 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

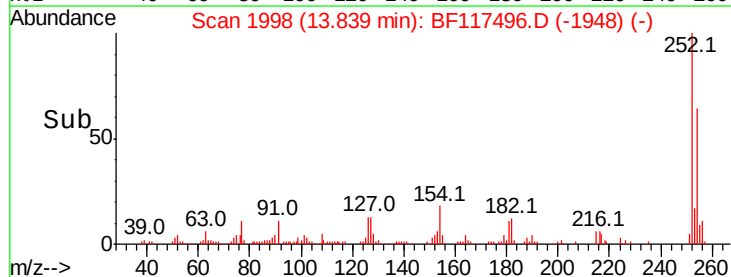
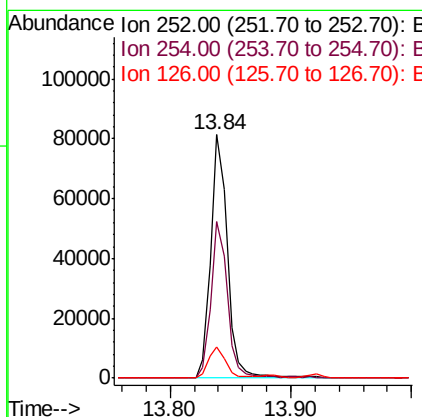
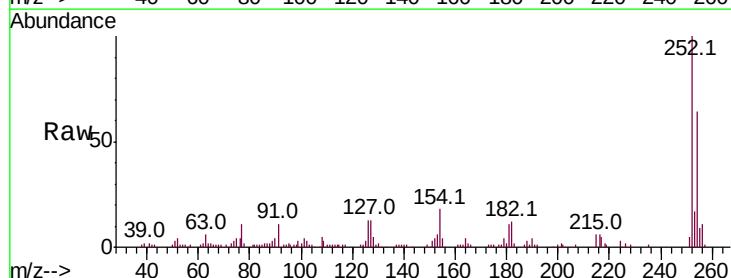
Instrument :
BNA_F
ClientSampleId :

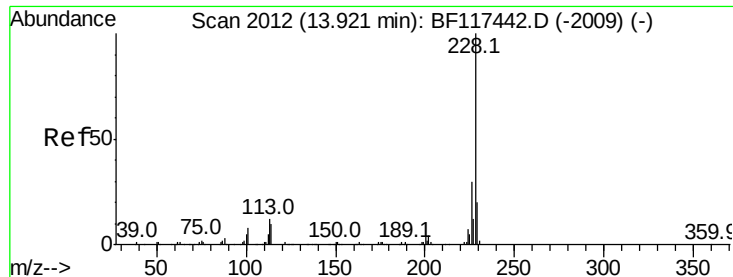
Tot Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.0	31.4
229	20.0	16.4	24.6



#82
3,3'-Dichlorobenzidine
Concen: 44.616 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.2	52.2	78.4
126	13.0	9.2	13.8





#83

Chrysene

Concen: 45.133 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BF117496.D

Acq: 23 Oct 2019 21:10

Instrument :

BNA_F

ClientSampleId :

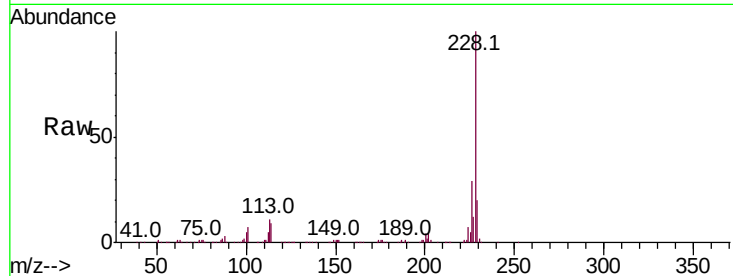
Tot Ion:228 Resp: 244954

Ion Ratio Lower Upper

228 100

226 28.8 23.9 35.9

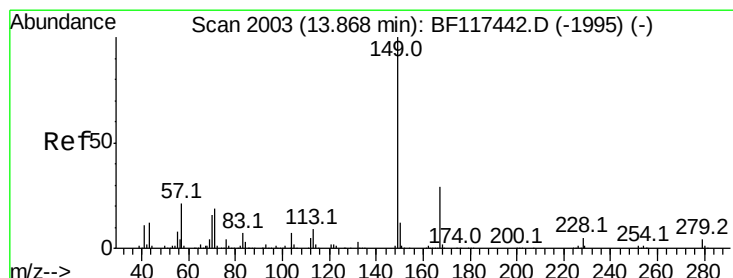
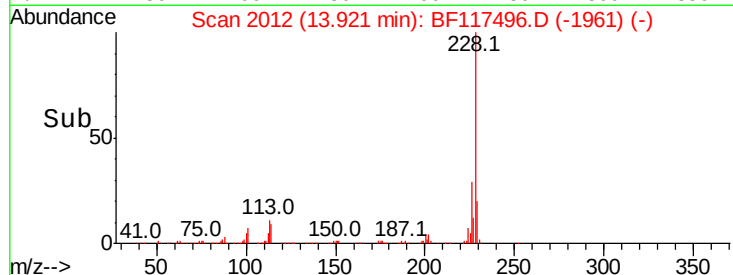
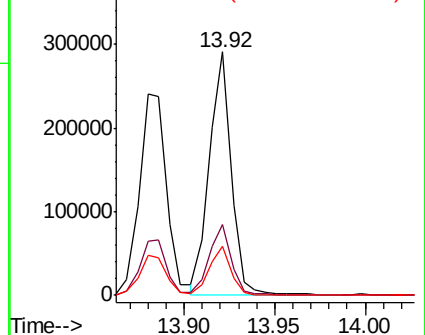
229 19.9 15.8 23.6



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: 48.315 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF117496.D

Acq: 23 Oct 2019 21:10

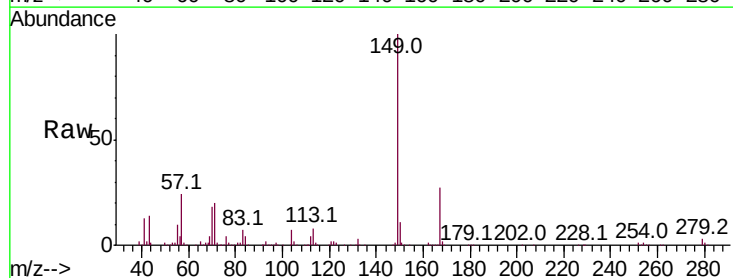
Tgt Ion:149 Resp: 237495

Ion Ratio Lower Upper

149 100

167 27.3 23.3 34.9

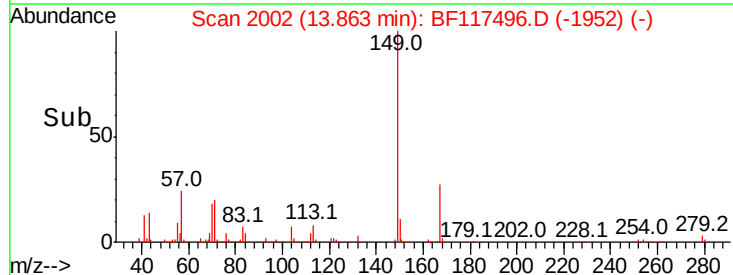
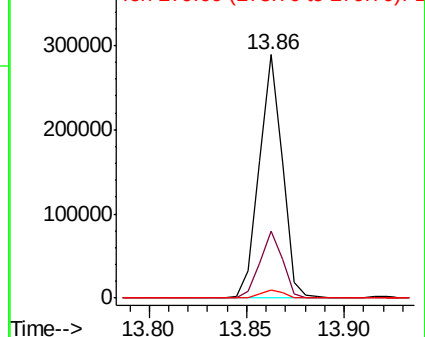
279 3.3 3.2 4.8

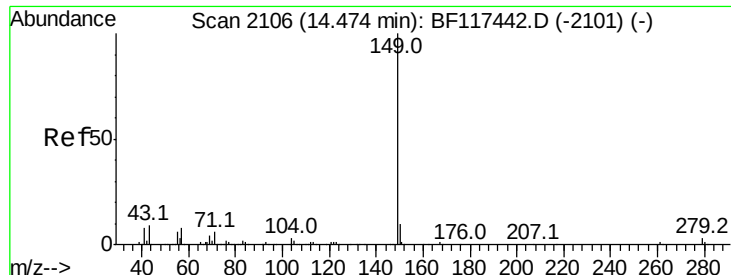


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

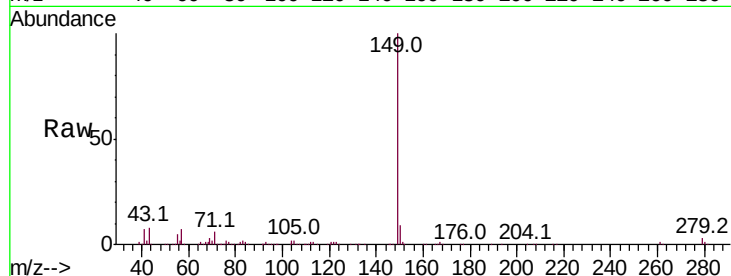




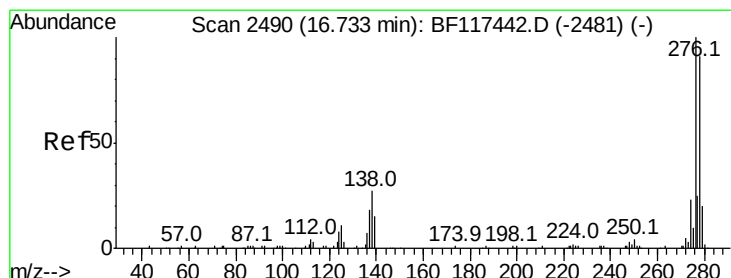
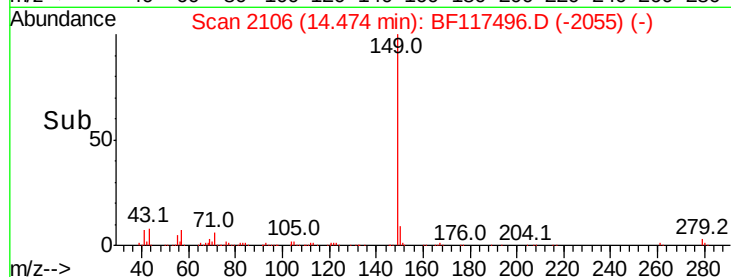
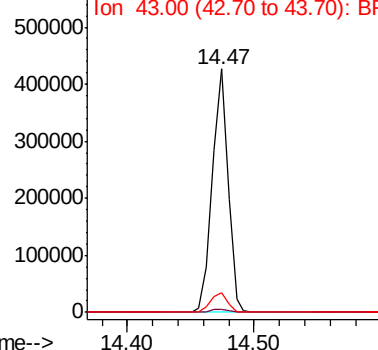
#85
Di-n-octyl phthalate
Concen: 48.100 ng
RT: 14.47 min Scan# 2106
Delta R.T. -0.00 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 363522
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 8.3 6.8 10.2

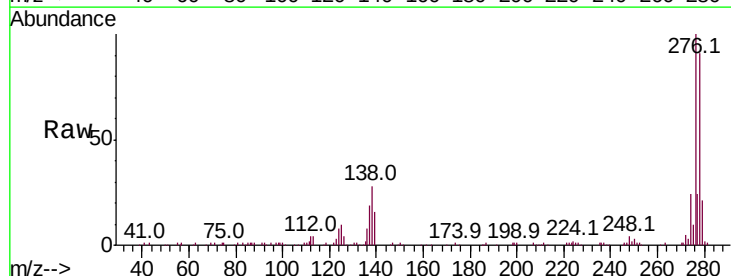


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

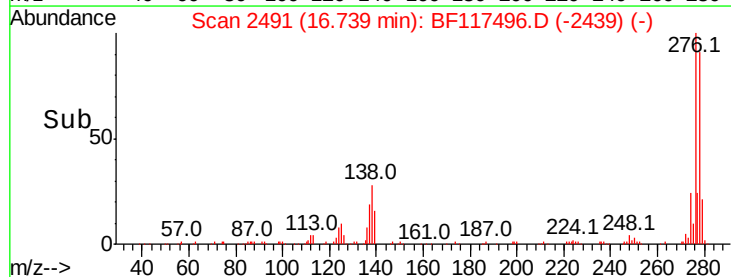
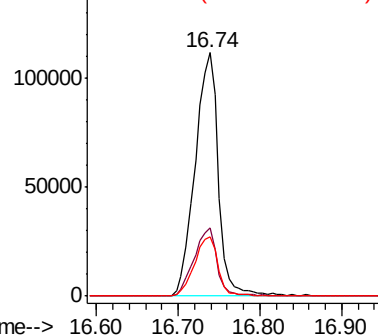


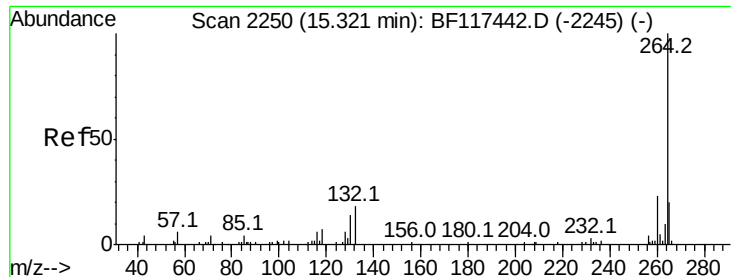
#86
Indeno(1,2,3-cd)pyrene
Concen: 54.592 ng
RT: 16.74 min Scan# 2491
Delta R.T. 0.01 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Tgt Ion:276 Resp: 221211
Ion Ratio Lower Upper
276 100
138 27.7 21.8 32.8
277 24.7 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



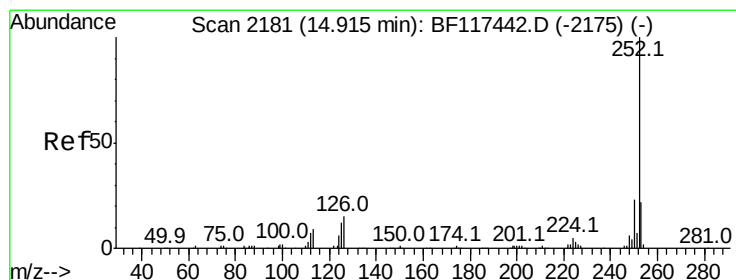
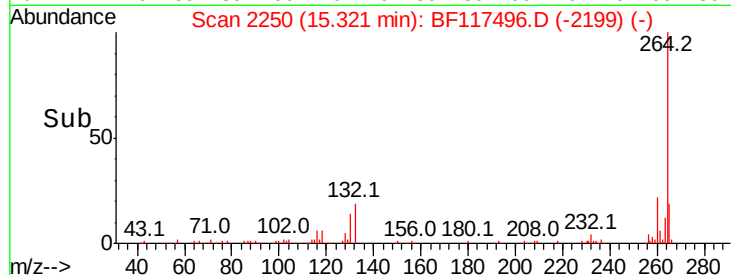
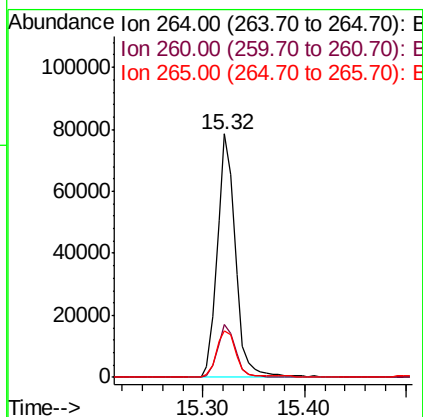
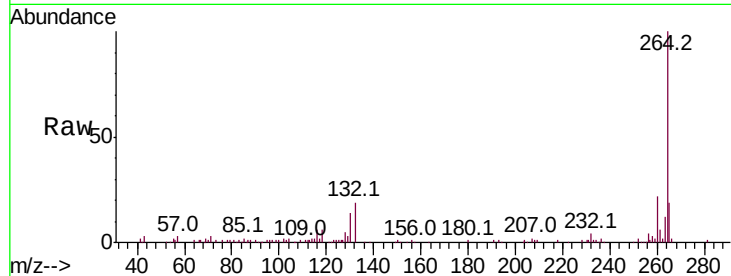


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.00 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 97566

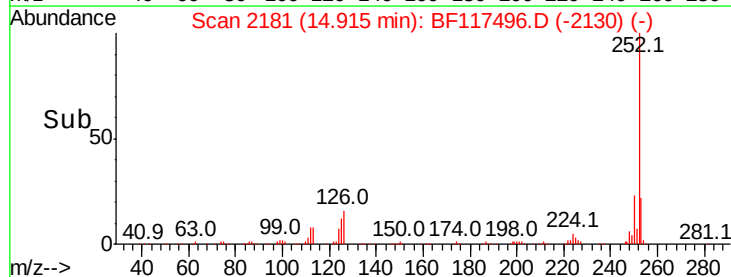
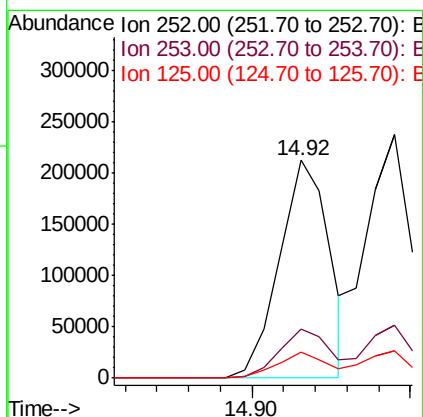
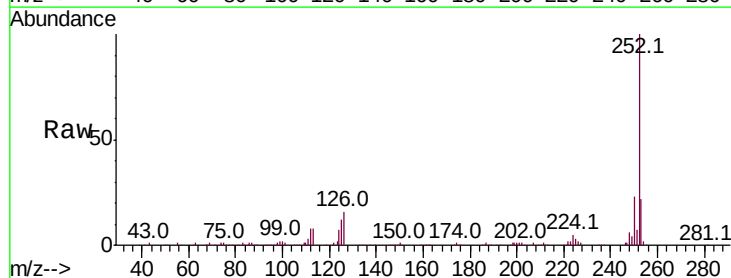
Ion	Ratio	Lower	Upper
264	100		
260	21.7	18.4	27.6
265	19.2	16.1	24.1

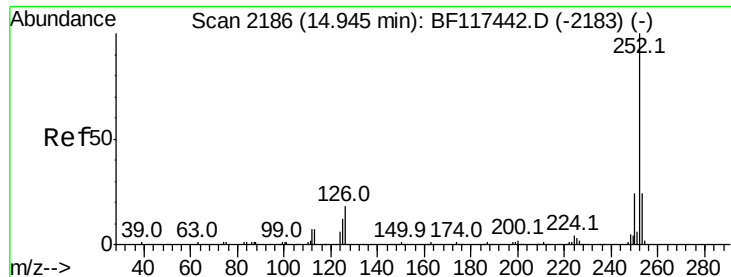


#88
Benzo(b)fluoranthene
Concen: 40.311 ng
RT: 14.92 min Scan# 2181
Delta R.T. -0.00 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Tgt Ion:252 Resp: 232245

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	12.2	9.9	14.9

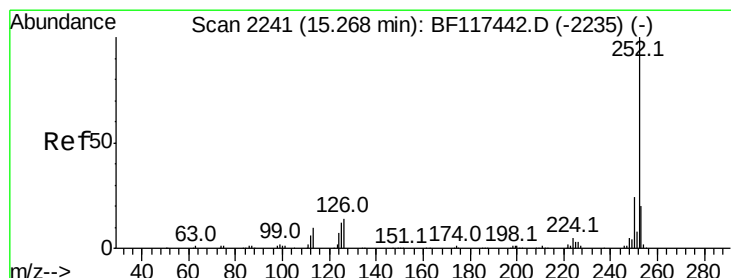
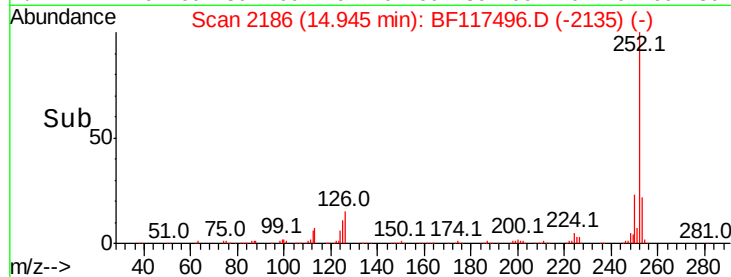
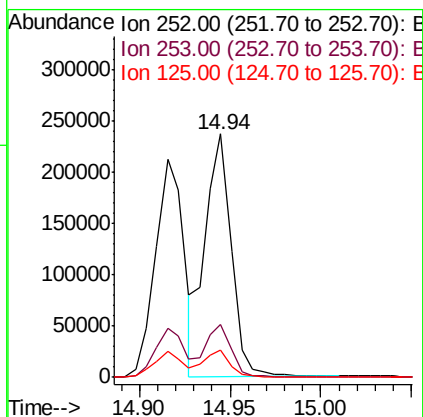
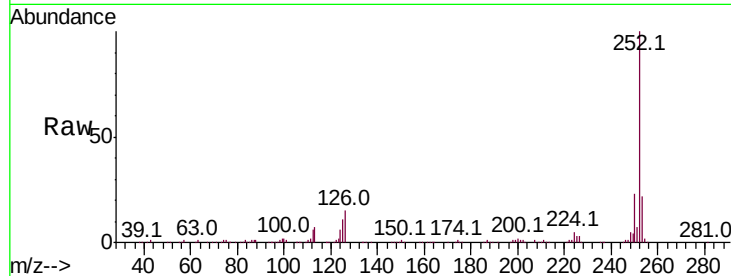




#89
Benzo(k)fluoranthene
Concen: 40.416 ng
RT: 14.94 min Scan# 2186
Delta R.T. -0.00 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

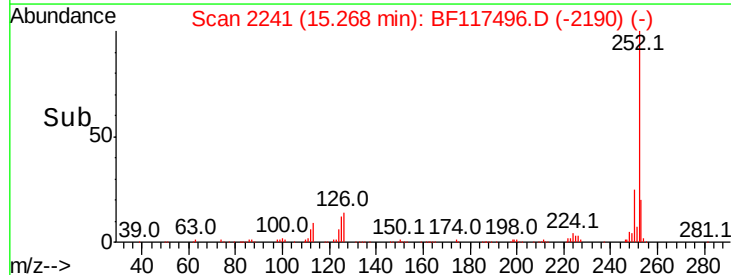
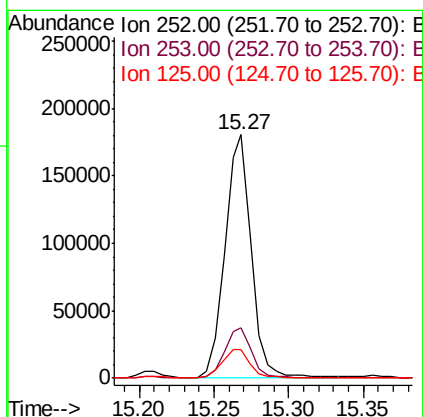
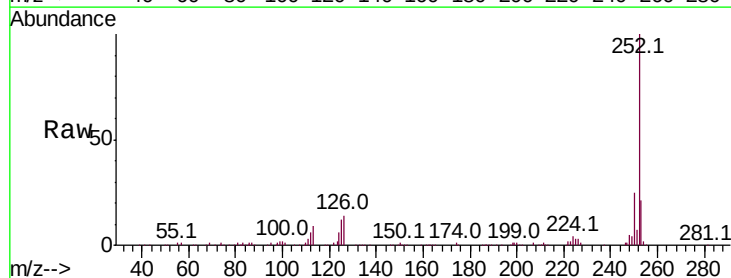
Instrument :
BNA_F
ClientSampleId :

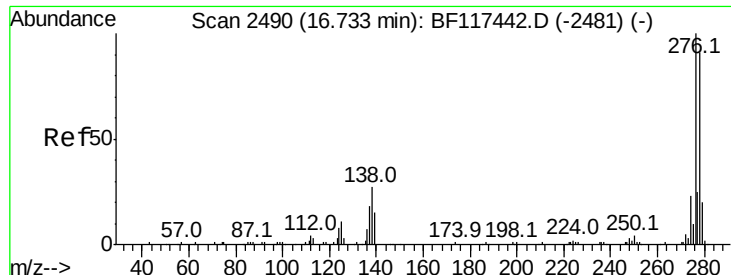
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.0	27.0
125	11.3	8.9	13.3



#90
Benzo(a)pyrene
Concen: 42.448 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.00 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.5	16.3	24.5
125	11.9	9.2	13.8

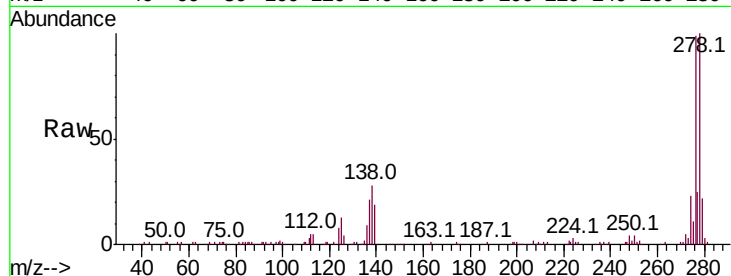




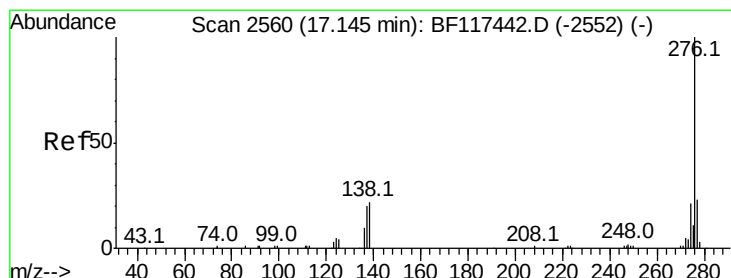
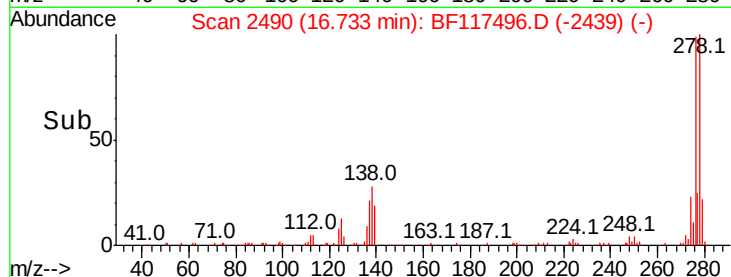
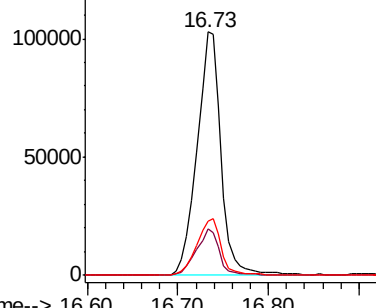
#91
Dibenzo(a,h)anthracene
Concen: 41.929 ng
RT: 16.73 min Scan# 2490
Delta R.T. -0.00 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.0	13.4	20.0
279	22.2	17.8	26.6

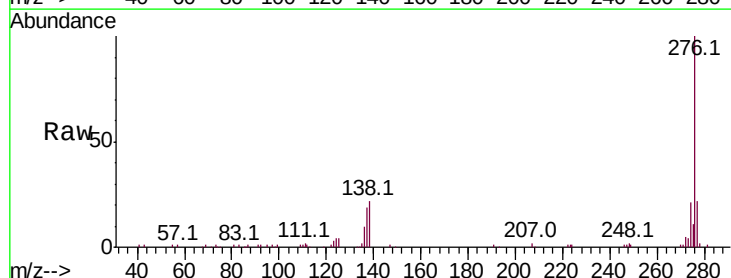


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 40.025 ng
RT: 17.16 min Scan# 2562
Delta R.T. 0.01 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.0	18.4	27.6
138	21.5	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

