

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102319\
 Data File : BF117483.D
 Acq On : 23 Oct 2019 15:10
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 24 08:22:53 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	44938	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	191055	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	97399	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	150559	20.00	ng	0.00
76) Chrysene-d12	13.89	240	108308	20.00	ng	0.00
87) Perylene-d12	15.32	264	95552	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	258310	85.52	ng	0.00
7) Phenol-d6	6.39	99	338687	83.48	ng	0.00
23) Nitrobenzene-d5	7.30	82	320018	82.69	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	69657	82.65	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	566153	81.90	ng	0.00
79) Terphenyl-d14	12.83	244	527619	79.46	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	54151	42.639	ng	97
3) Pyridine	3.12	79	121683	39.140	ng	99
4) n-Nitrosodimethylamine	3.07	42	46459	41.192	ng	100
6) Aniline	6.40	93	199858	41.961	ng	# 54
8) 2-Chlorophenol	6.53	128	133056	41.744	ng	94
9) Benzaldehyde	6.29	77	86739	45.533	ng	98
10) Phenol	6.40	94	171841	41.500	ng	98
11) bis(2-Chloroethyl)ether	6.47	93	131136	42.816	ng	99
12) 1,3-Dichlorobenzene	6.67	146	147051	41.342	ng	99
13) 1,4-Dichlorobenzene	6.75	146	154014	42.683	ng	99
14) 1,2-Dichlorobenzene	6.90	146	140033	41.171	ng	99
15) Benzyl Alcohol	6.89	79	120693	41.639	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.01	45	138863	42.029	ng	77
17) 2-Methylphenol	7.00	107	107261	40.907	ng	95
18) Hexachloroethane	7.24	117	59962	42.575	ng	93
19) n-Nitroso-di-n-propylamine	7.16	70	102558	41.392	ng	98
20) 3+4-Methylphenols	7.16	107	145957	42.456	ng	96
22) Acetophenone	7.15	105	211254	41.641	ng	97
24) Nitrobenzene	7.32	77	148417	40.040	ng	100
25) Isophorone	7.56	82	273399	40.837	ng	99
26) 2-Nitrophenol	7.64	139	67731	40.970	ng	96
27) 2,4-Dimethylphenol	7.68	122	100018	40.482	ng	98
28) bis(2-Chloroethoxy)methane	7.77	93	170906	41.371	ng	97
29) 2,4-Dichlorophenol	7.89	162	108721	41.954	ng	97
30) 1,2,4-Trichlorobenzene	7.96	180	112872	40.588	ng	99
31) Naphthalene	8.04	128	395038	41.715	ng	99
32) Benzoic acid	7.84	122	53660	31.709	ng	98
33) 4-Chloroaniline	8.09	127	165932	41.518	ng	98
34) Hexachlorobutadiene	8.16	225	66258	41.164	ng	99
35) Caprolactam	8.47	113	34927	41.956	ng	95
36) 4-Chloro-3-methylphenol	8.59	107	120984	40.936	ng	96
37) 2-Methylnaphthalene	8.73	142	257658	40.378	ng	99
38) 1-Methylnaphthalene	8.83	142	245799	40.993	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	108621	41.406	ng	98

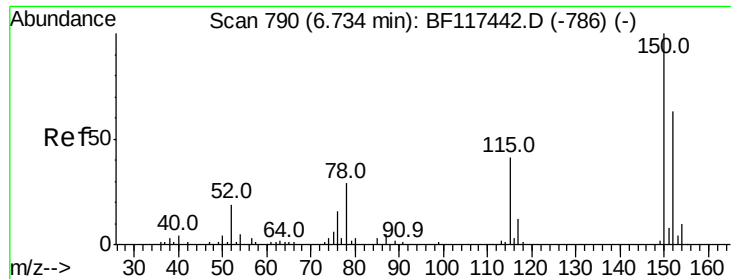
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102319\
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 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	15509	33.879	ng	98
43) 2,4,6-Trichlorophenol	9.02	196	67453	41.060	ng	97
44) 2,4,5-Trichlorophenol	9.06	196	68543	41.175	ng	95
46) 1,1'-Biphenyl	9.19	154	330465	40.984	ng	98
47) 2-Chloronaphthalene	9.22	162	250429	41.192	ng	100
48) 2-Nitroaniline	9.32	65	83644	41.910	ng	94
49) Acenaphthylene	9.63	152	368283	41.241	ng	99
50) Dimethylphthalate	9.49	163	285773	41.157	ng	99
51) 2,6-Dinitrotoluene	9.56	165	59803	41.274	ng	98
52) Acenaphthene	9.80	154	221142	40.364	ng	99
53) 3-Nitroaniline	9.73	138	70881	40.318	ng	97
54) 2,4-Dinitrophenol	9.86	184	22220	39.486	ng	89
55) Dibenzofuran	9.97	168	324386	40.867	ng	99
56) 4-Nitrophenol	9.92	139	26390	35.057	ng	96
57) 2,4-Dinitrotoluene	9.97	165	79608	41.325	ng	99
58) Fluorene	10.32	166	268009	40.829	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	52130	39.843	ng	97
60) Diethylphthalate	10.19	149	290766	41.401	ng	100
61) 4-Chlorophenyl-phenylether	10.30	204	122042	41.440	ng	96
62) 4-Nitroaniline	10.35	138	68432	41.297	ng	96
63) Azobenzene	10.47	77	301379	41.919	ng	99
65) 4,6-Dinitro-2-methylphenol	10.39	198	29607	38.678	ng	89
66) n-Nitrosodiphenylamine	10.43	169	230748	41.923	ng	96
67) 4-Bromophenyl-phenylether	10.79	248	66502	41.008	ng	99
68) Hexachlorobenzene	10.87	284	71018	40.891	ng	96
69) Atrazine	10.95	200	55308	39.495	ng	97
70) Pentachlorophenol	11.07	266	22143	42.530	ng	91
71) Phenanthrene	11.27	178	362193	41.429	ng	99
72) Anthracene	11.33	178	373188	41.603	ng	99
73) Carbazole	11.49	167	343880	41.948	ng	99
74) Di-n-butylphthalate	11.81	149	468276	42.751	ng	99
75) Fluoranthene	12.46	202	364022	41.594	ng	99
77) Benzidine	12.59	184	144803	50.973	ng	98
78) Pyrene	12.69	202	370475	39.823	ng	99
80) Butylbenzylphthalate	13.30	149	190853	41.226	ng	98
81) Benzo(a)anthracene	13.89	228	299224	40.957	ng	98
82) 3,3'-Dichlorobenzidine	13.85	252	98504	42.968	ng	100
83) Chrysene	13.92	228	282227	39.416	ng	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	269065	41.491	ng	95
85) Di-n-octyl phthalate	14.47	149	425892	42.715	ng	100
86) Indeno(1,2,3-cd)pyrene	16.73	276	219449	41.051	ng	99
88) Benzo(b)fluoranthene	14.92	252	236890	41.983	ng	97
89) Benzo(k)fluoranthene	14.94	252	241247	41.715	ng	97
90) Benzo(a)pyrene	15.27	252	213043	41.528	ng	98
91) Dibenzo(a,h)anthracene	16.73	278	183745	41.422	ng	99
92) Benzo(g,h,i)perylene	17.15	276	172403	41.076	ng	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: BF117483.D

Acq: 23 Oct 2019 15:10

Instrument :

BNA_F

ClientSampleId :

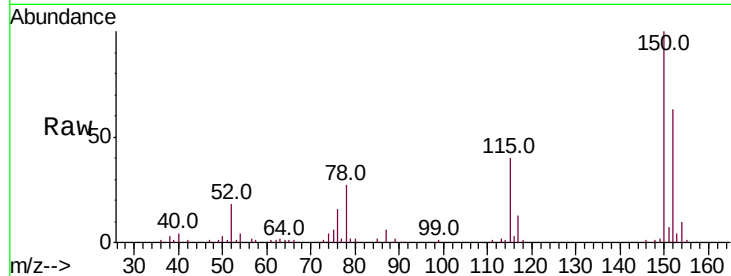
Tot Ion:152 Resp: 44938

Ion Ratio Lower Upper

152 100

150 158.6 126.8 190.2

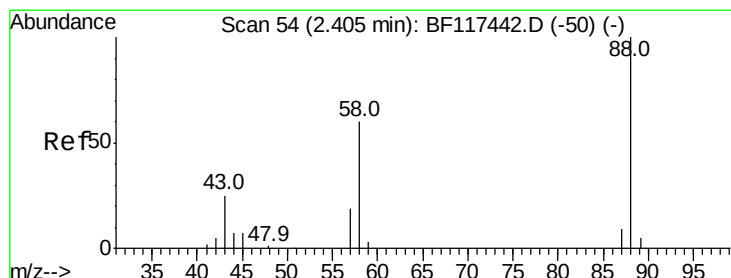
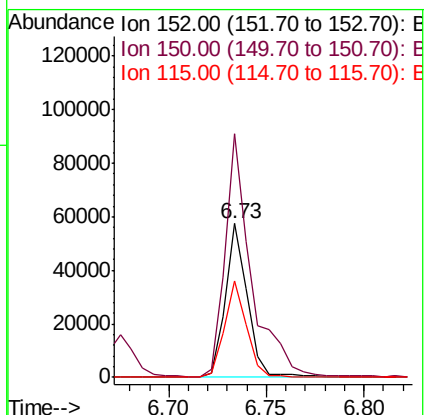
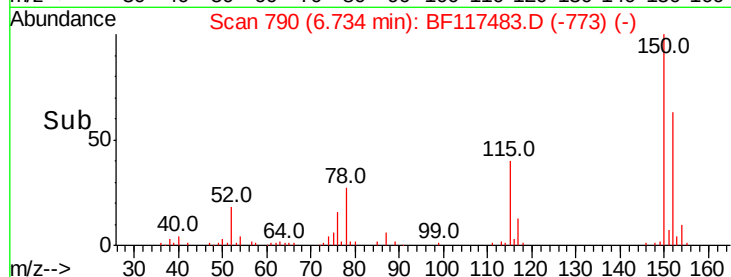
115 62.7 51.6 77.4



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: 42.639 ng

RT: 2.40 min Scan# 53

Delta R.T. -0.01 min

Lab File: BF117483.D

Acq: 23 Oct 2019 15:10

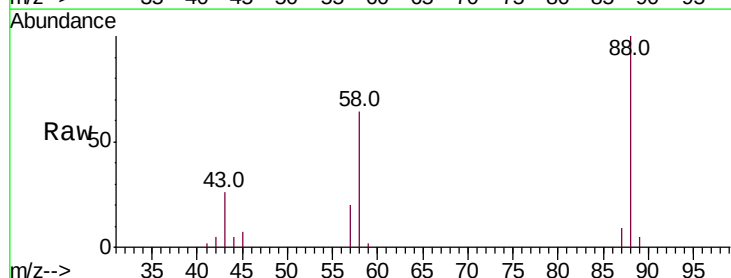
Tgt Ion: 88 Resp: 54151

Ion Ratio Lower Upper

88 100

58 63.1 48.8 73.2

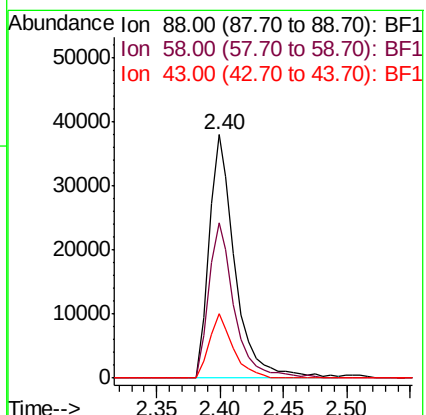
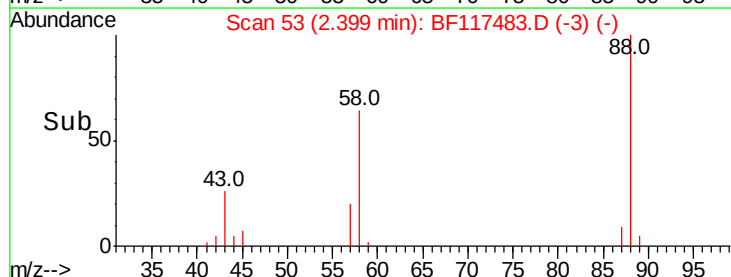
43 24.1 18.5 27.7

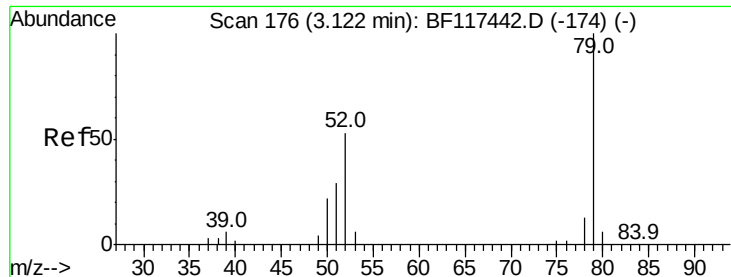


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 39.140 ng

RT: 3.12 min Scan# 175

Delta R.T. -0.01 min

Lab File: BF117483.D

Acq: 23 Oct 2019 15:10

Instrument :

BNA_F

ClientSampleId :

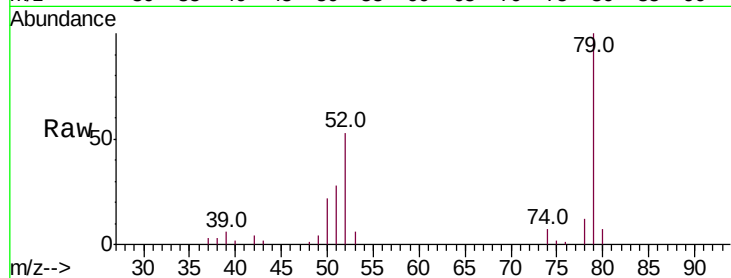
Tot Ion: 79 Resp: 121683

Ion Ratio Lower Upper

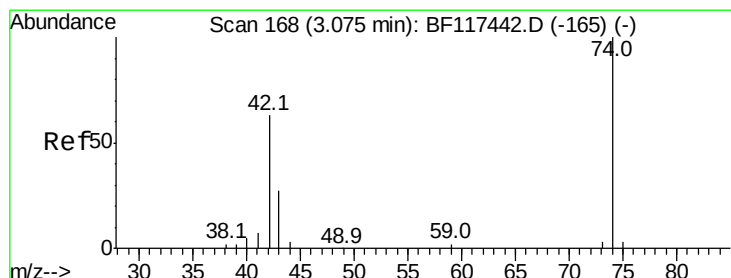
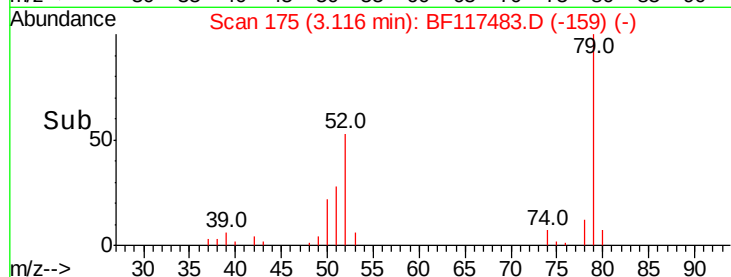
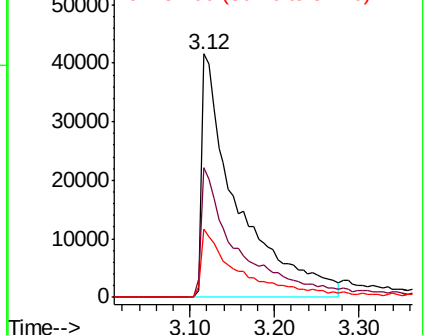
79 100

52 53.2 42.4 63.6

51 28.1 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: 41.192 ng

RT: 3.07 min Scan# 167

Delta R.T. -0.01 min

Lab File: BF117483.D

Acq: 23 Oct 2019 15:10

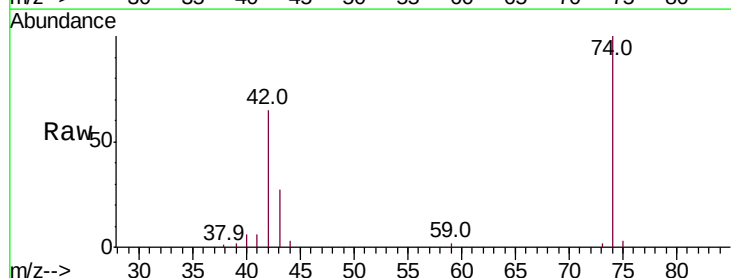
Tgt Ion: 42 Resp: 46459

Ion Ratio Lower Upper

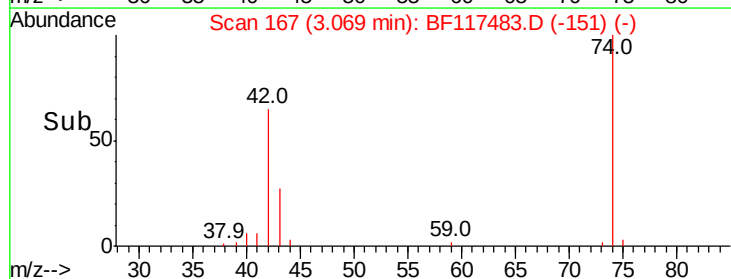
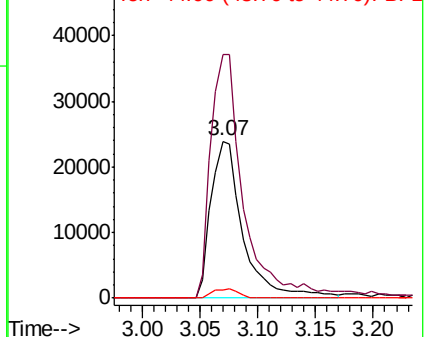
42 100

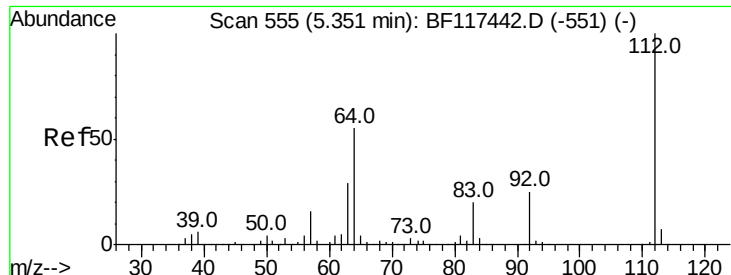
74 154.9 124.2 186.4

44 5.4 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: 85.515 ng

RT: 5.35 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF117483.D

Acq: 23 Oct 2019 15:10

Instrument :

BNA_F

ClientSampled :

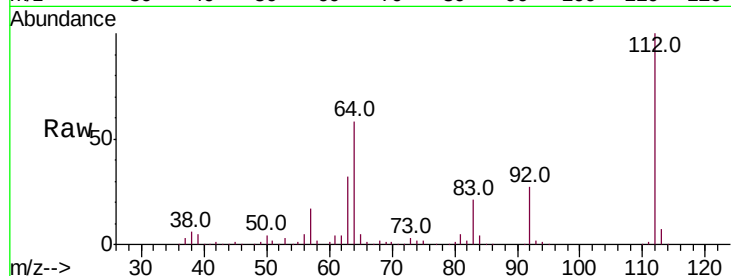
Tot Ion:112 Resp: 258310

Ion Ratio Lower Upper

112 100

64 57.6 44.1 66.1

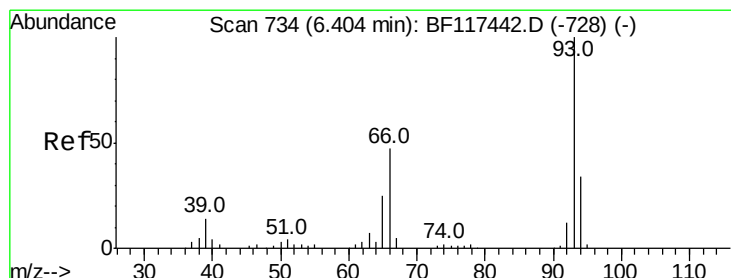
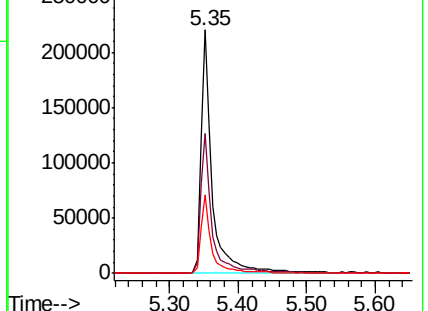
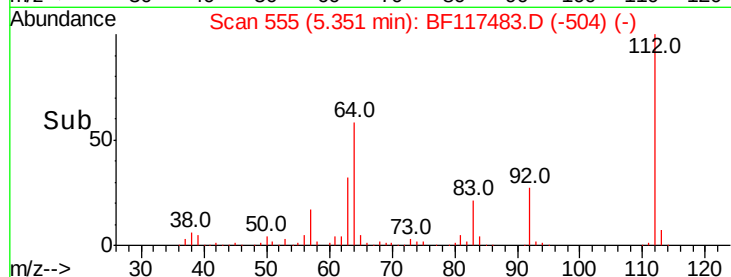
63 32.0 23.4 35.2



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: 41.961 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF117483.D

Acq: 23 Oct 2019 15:10

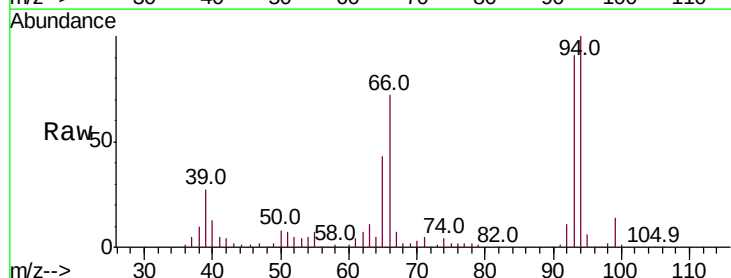
Tgt Ion: 93 Resp: 199858

Ion Ratio Lower Upper

93 100

66 79.7 38.7 58.1#

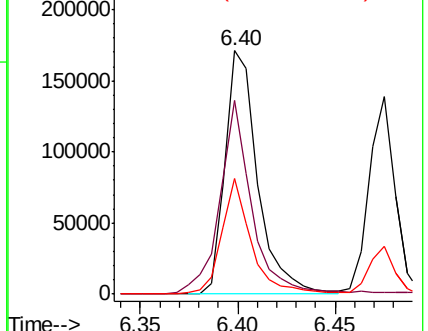
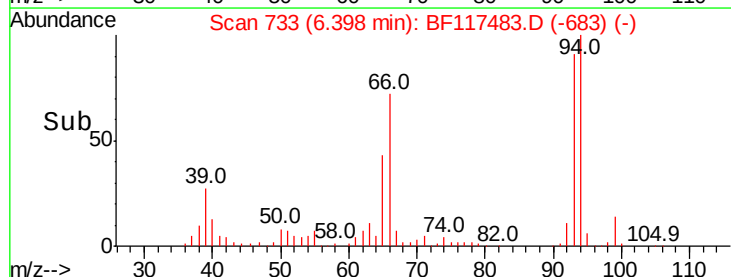
65 47.5 20.1 30.1#

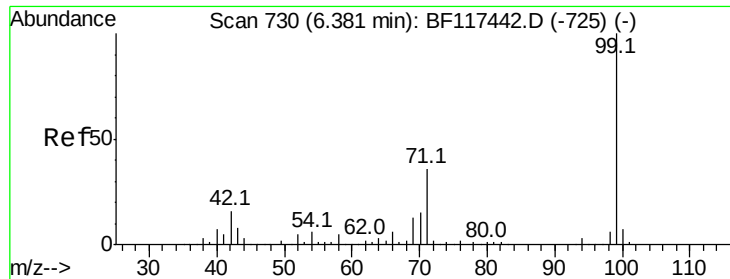


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 83.481 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117483.D

Acq: 23 Oct 2019 15:10

Instrument :

BNA_F

ClientSampleId :

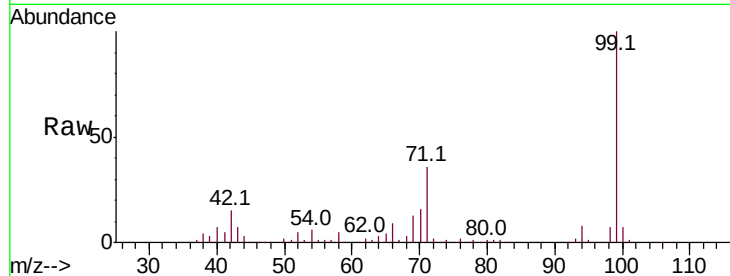
Tot Ion: 99 Resp: 338687

Ion Ratio Lower Upper

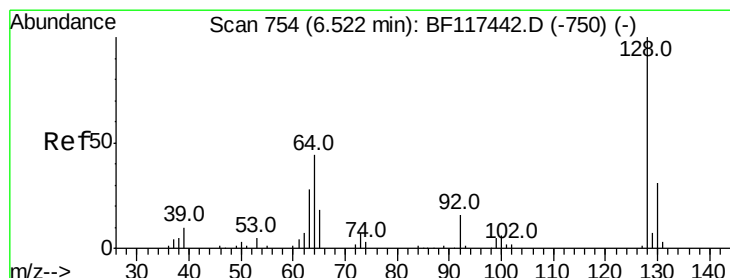
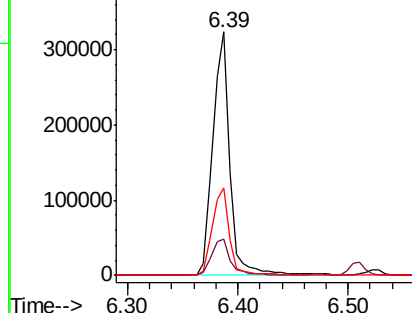
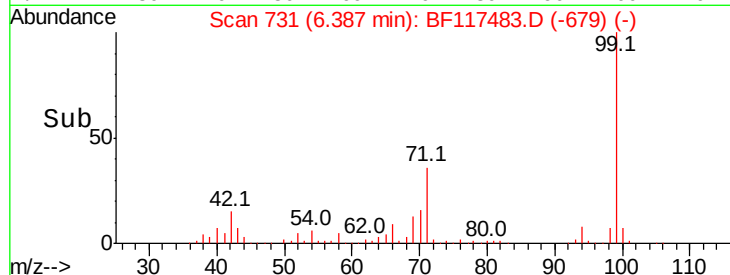
99 100

42 14.8 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: 41.744 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF117483.D

Acq: 23 Oct 2019 15:10

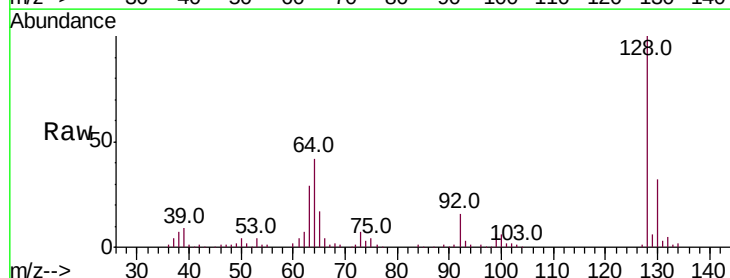
Tgt Ion: 128 Resp: 133056

Ion Ratio Lower Upper

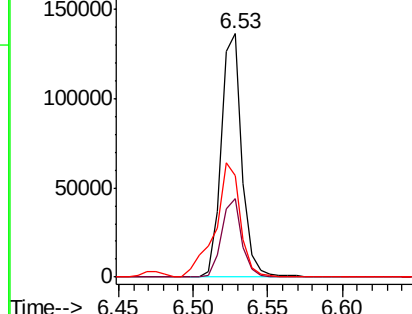
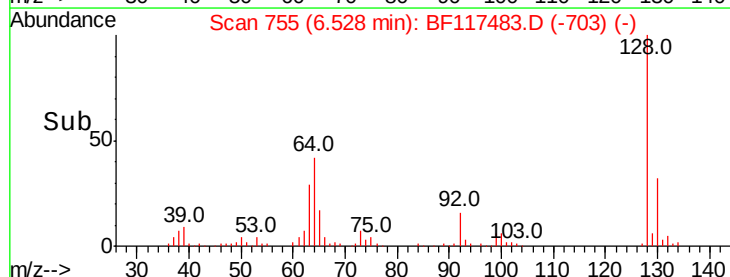
128 100

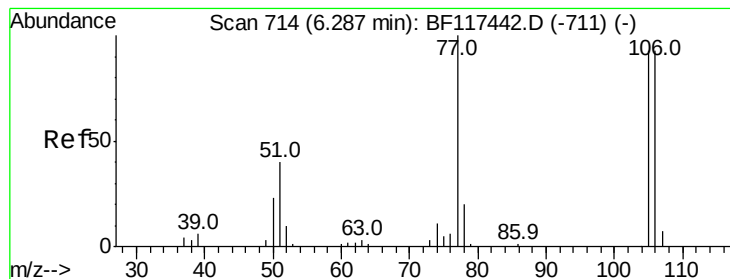
130 32.3 11.1 51.1

64 41.7 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: 45.533 ng

RT: 6.29 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF117483.D

Acq: 23 Oct 2019 15:10

Instrument :

BNA_F

ClientSampled :

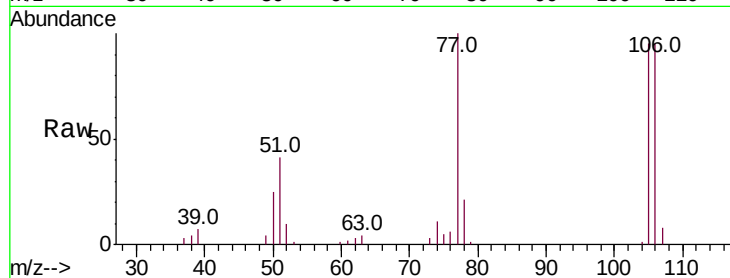
Tot Ion: 77 Resp: 86739

Ion Ratio Lower Upper

77 100

105 95.4 73.4 113.4

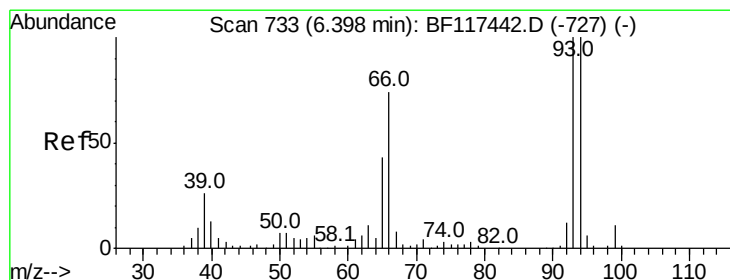
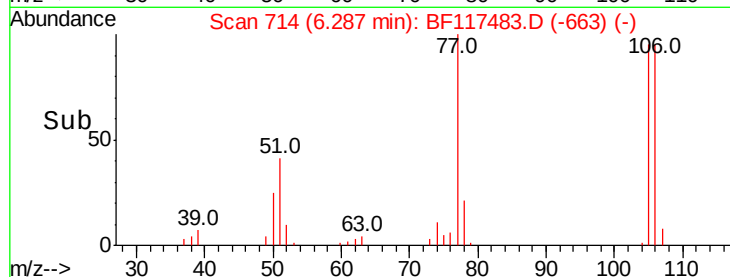
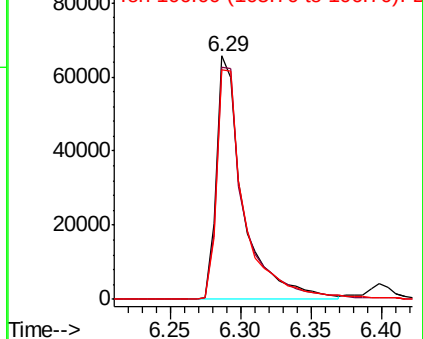
106 94.5 73.0 113.0



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: 41.500 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF117483.D

Acq: 23 Oct 2019 15:10

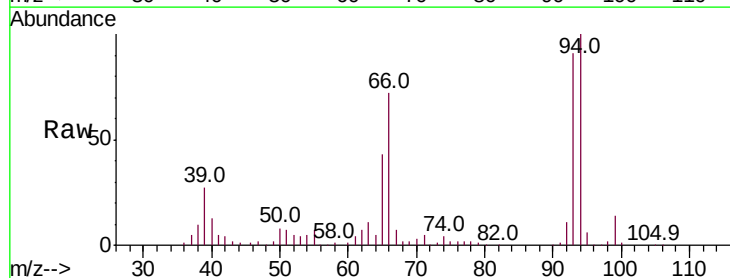
Tgt Ion: 94 Resp: 171841

Ion Ratio Lower Upper

94 100

65 43.0 23.4 63.4

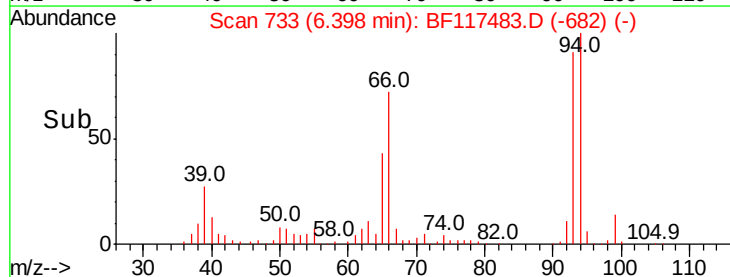
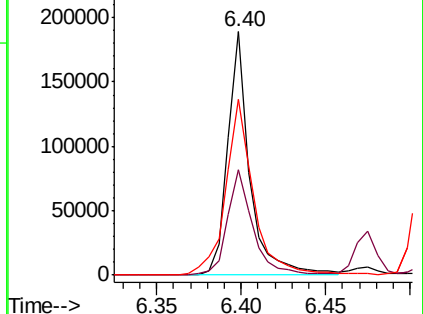
66 72.2 54.7 94.7

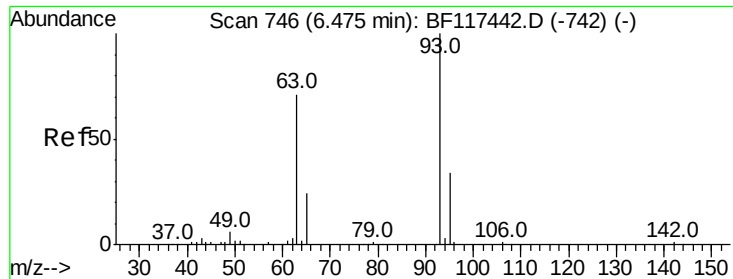


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 42.816 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF117483.D

Acq: 23 Oct 2019 15:10

Instrument :

BNA_F

ClientSampleId :

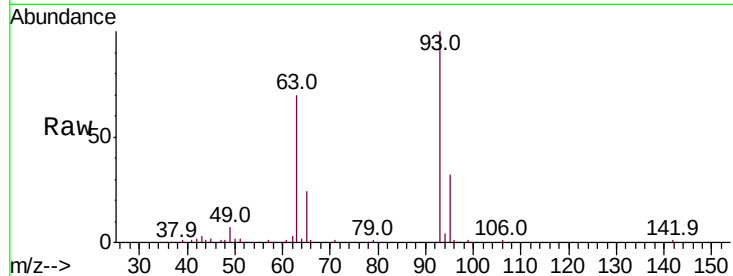
Tot Ion: 93 Resp: 131136

Ion Ratio Lower Upper

93 100

63 69.7 50.2 90.2

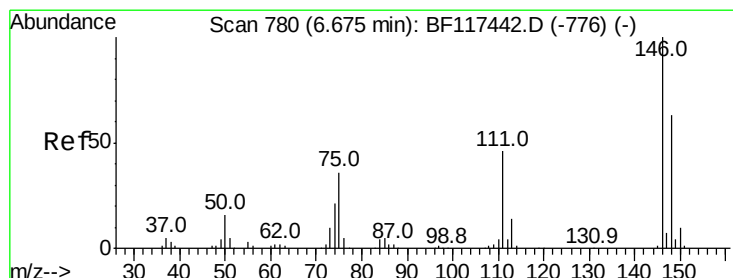
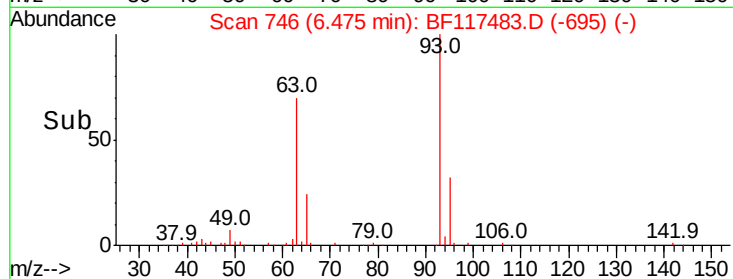
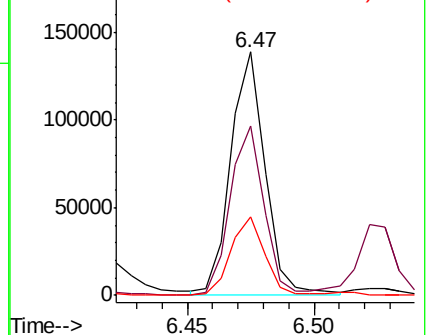
95 32.0 13.9 53.9



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 41.342 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF117483.D

Acq: 23 Oct 2019 15:10

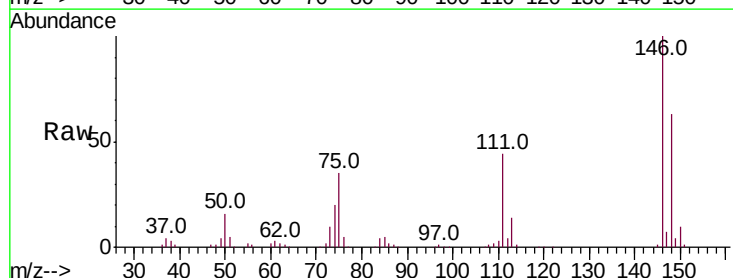
Tgt Ion: 146 Resp: 147051

Ion Ratio Lower Upper

146 100

148 63.0 50.6 75.8

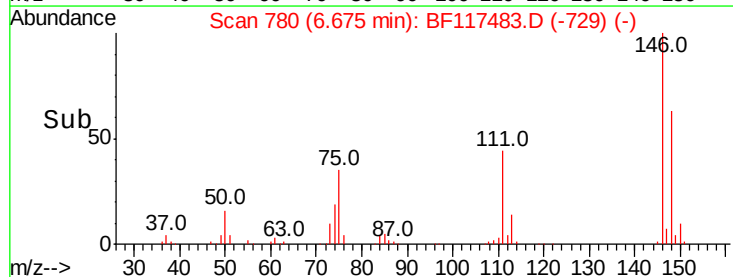
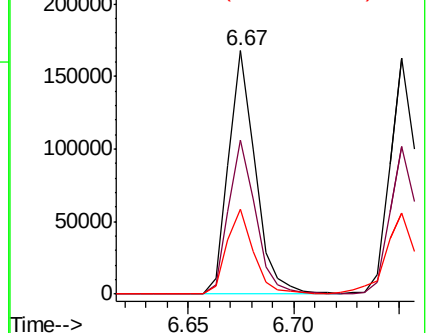
75 34.7 28.6 43.0

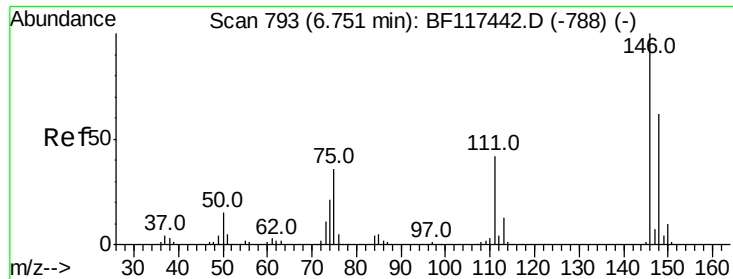


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

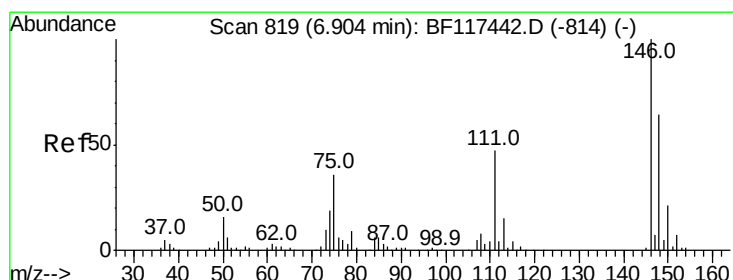
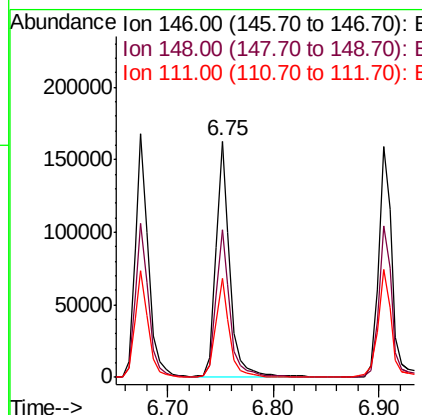
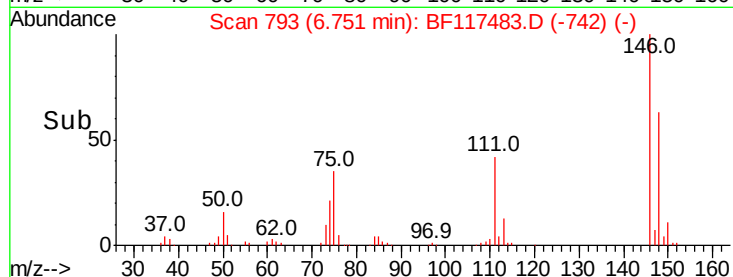
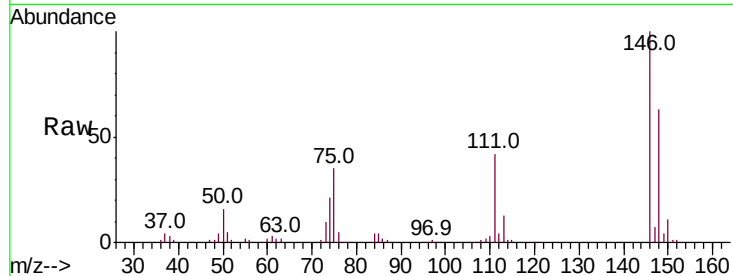




#13
 1,4-Dichlorobenzene
 Concen: 42.683 ng
 RT: 6.75 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BF117483.D
 Acq: 23 Oct 2019 15:10

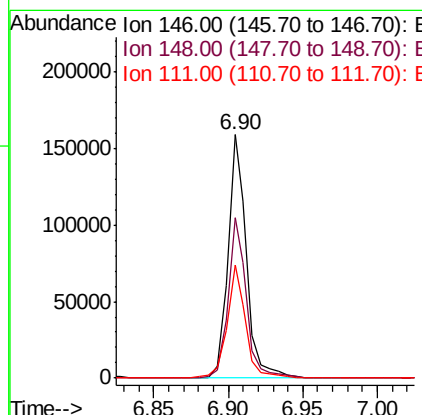
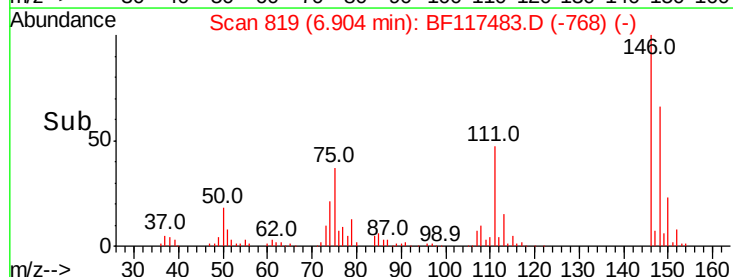
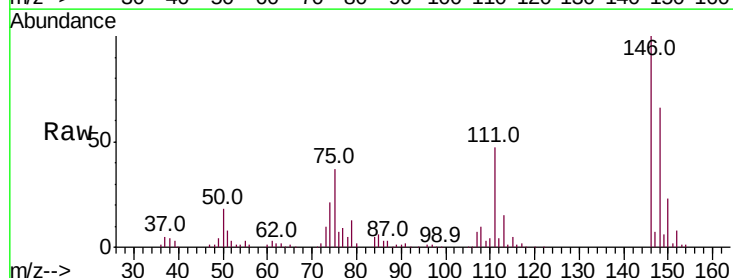
Instrument :
 BNA_F
 ClientSampled :

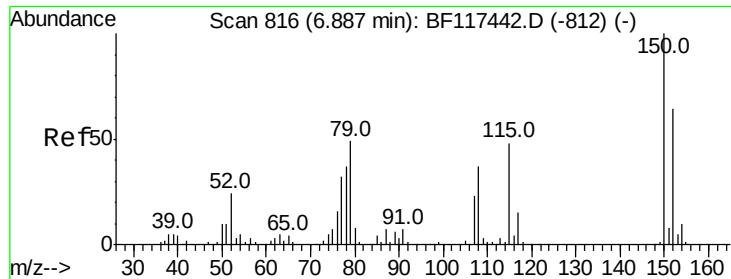
Tot Ion:146 Resp: 154014
 Ion Ratio Lower Upper
 146 100
 148 62.7 49.3 73.9
 111 41.9 33.6 50.4



#14
 1,2-Dichlorobenzene
 Concen: 41.171 ng
 RT: 6.90 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF117483.D
 Acq: 23 Oct 2019 15:10

Tgt Ion:146 Resp: 140033
 Ion Ratio Lower Upper
 146 100
 148 65.7 51.4 77.0
 111 46.5 37.7 56.5

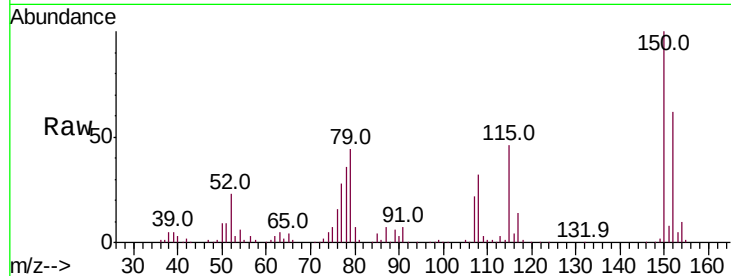




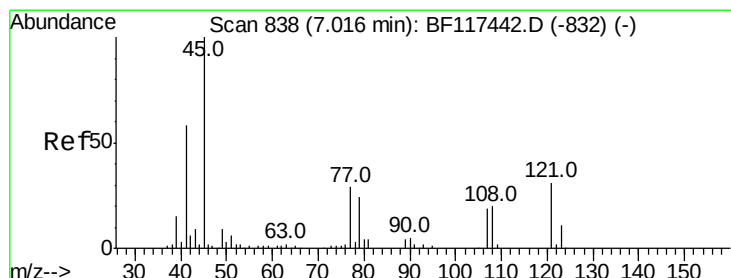
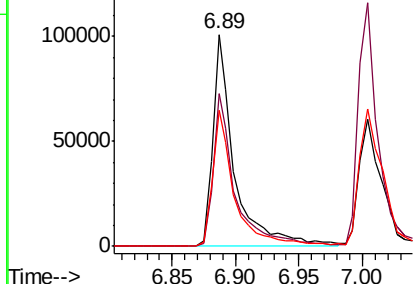
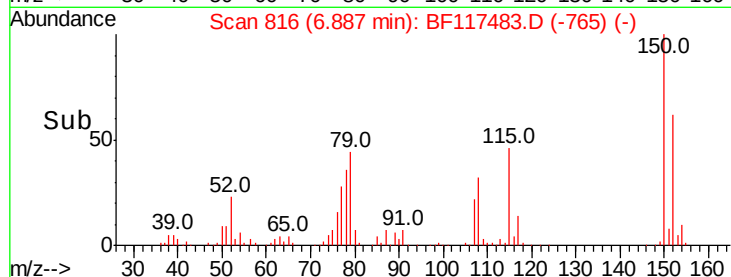
#15
Benzyl Alcohol
Concen: 41.639 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 120693
Ion Ratio Lower Upper
79 100
108 72.0 59.8 89.8
77 64.4 51.4 77.0

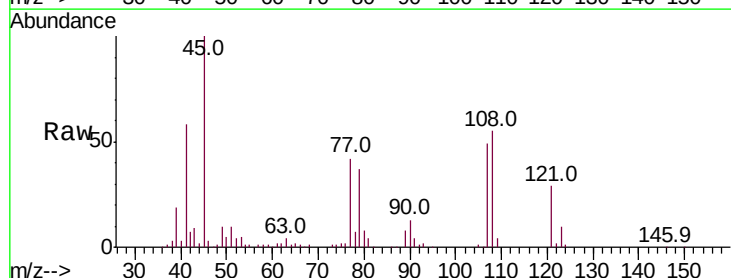


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

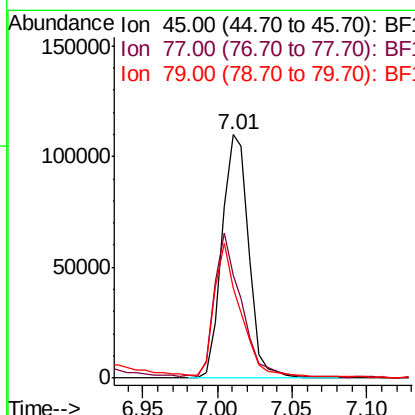
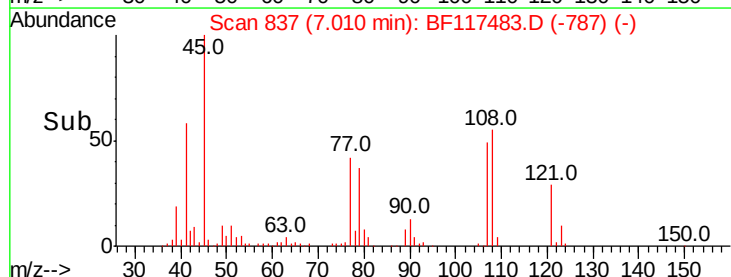


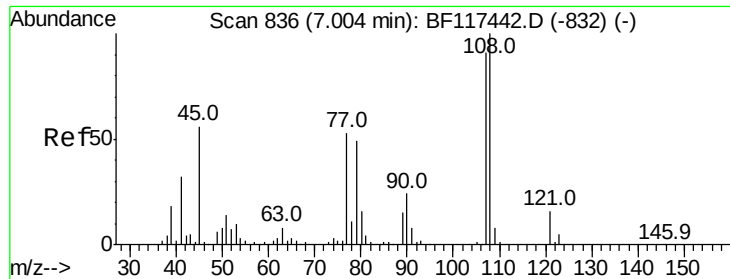
#16
2,2'-oxybis(1-chloropropane)
Concen: 42.029 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

Tgt Ion: 45 Resp: 138863
Ion Ratio Lower Upper
45 100
77 42.2 9.9 49.9
79 36.8 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

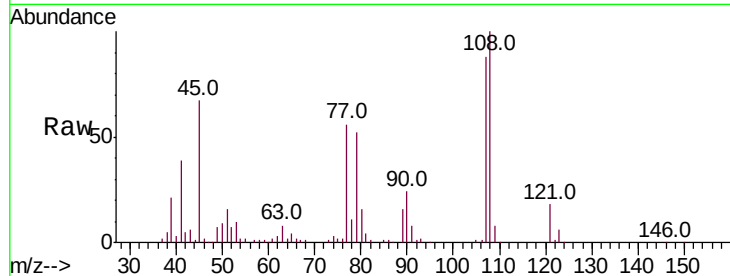




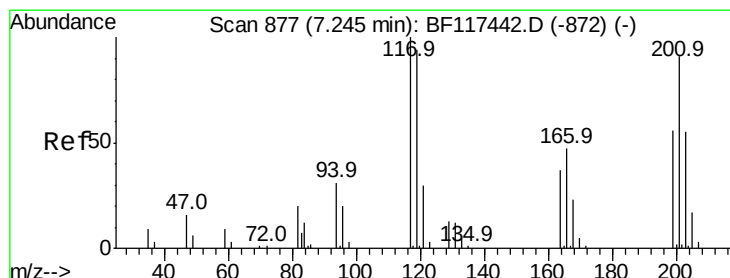
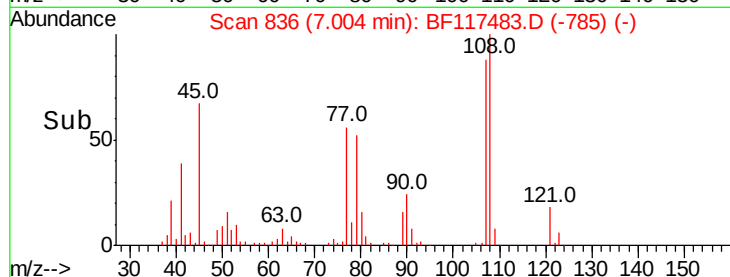
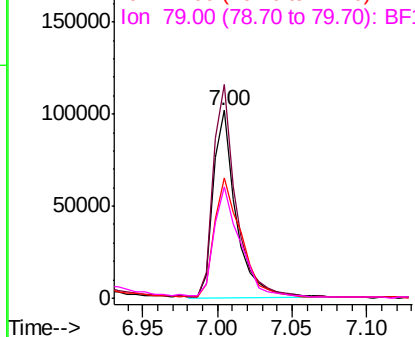
#17
2-Methylphenol
Concen: 40.907 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.00 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 107261
Ion Ratio Lower Upper
107 100
108 113.7 88.0 132.0
77 64.0 47.2 70.8
79 59.4 44.1 66.1

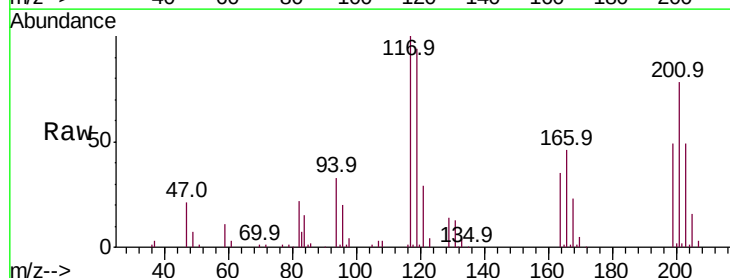


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

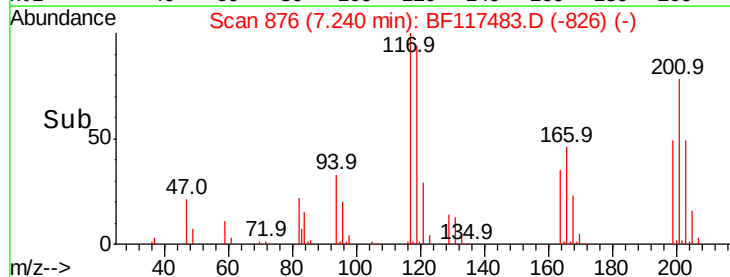
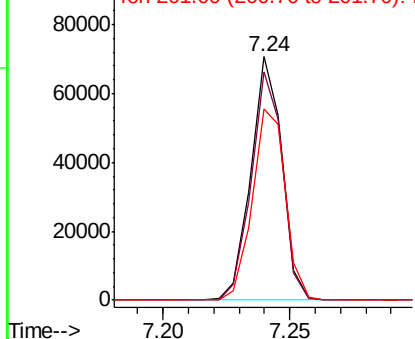


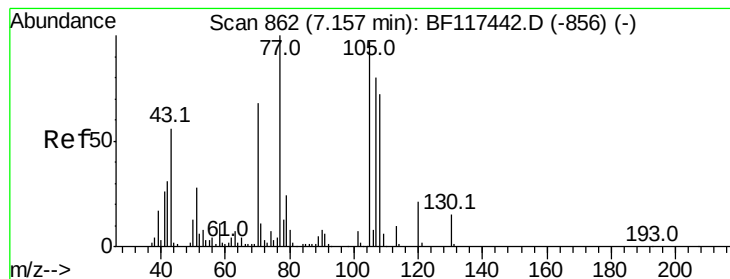
#18
Hexachloroethane
Concen: 42.575 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

Tgt Ion:117 Resp: 59962
Ion Ratio Lower Upper
117 100
119 93.6 75.4 113.0
201 78.3 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: 41.392 ng

RT: 7.16 min Scan# 862

Delta R.T. 0.00 min

Lab File: BF117483.D

Acq: 23 Oct 2019 15:10

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 102558

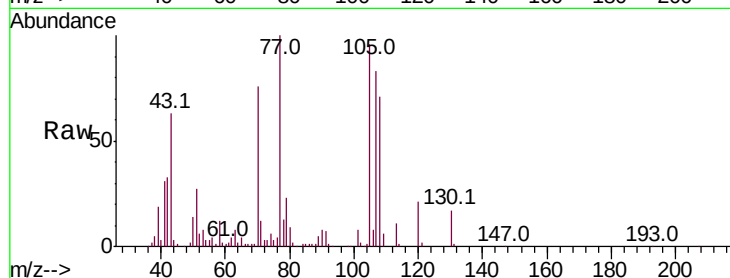
Ion Ratio Lower Upper

70 100

42 44.3 36.7 55.1

101 10.0 8.3 12.5

130 22.2 18.1 27.1

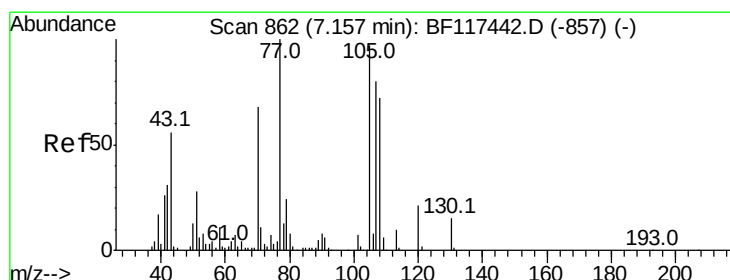
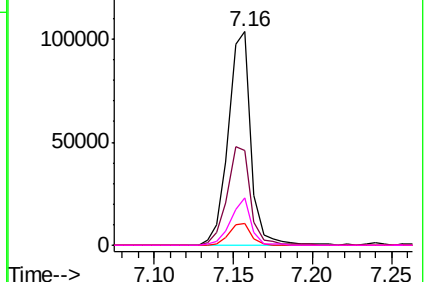
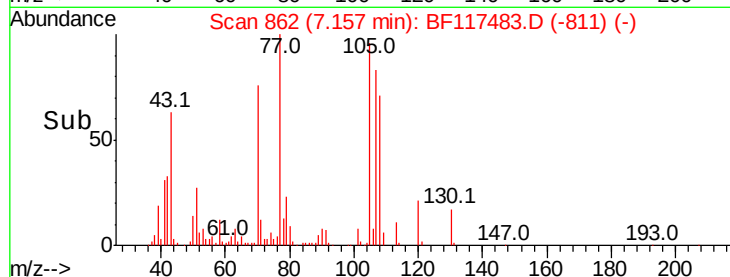


Abundance Ion 70.00 (69.70 to 70.70): BF1

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



#20

3+4-Methylphenols

Concen: 42.456 ng

RT: 7.16 min Scan# 862

Delta R.T. 0.00 min

Lab File: BF117483.D

Acq: 23 Oct 2019 15:10

Tgt Ion: 107 Resp: 145957

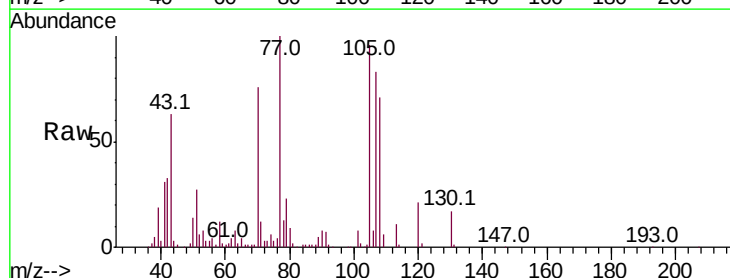
Ion Ratio Lower Upper

107 100

108 86.1 70.3 110.3

77 121.2 104.8 144.8

79 28.2 10.0 50.0

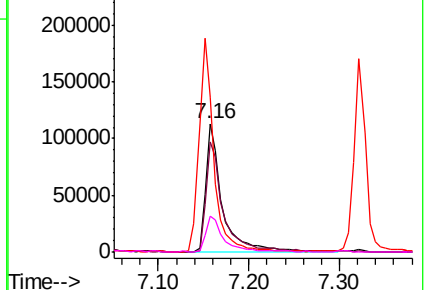
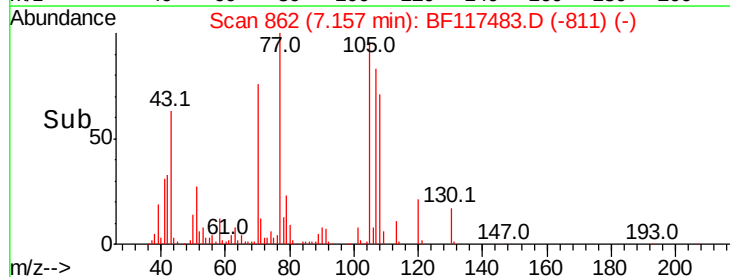


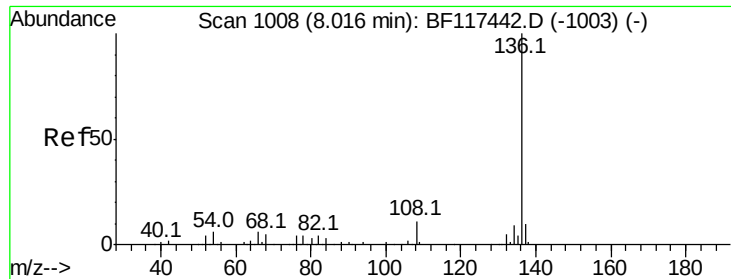
Abundance Ion 107.00 (106.70 to 107.70): BF1

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

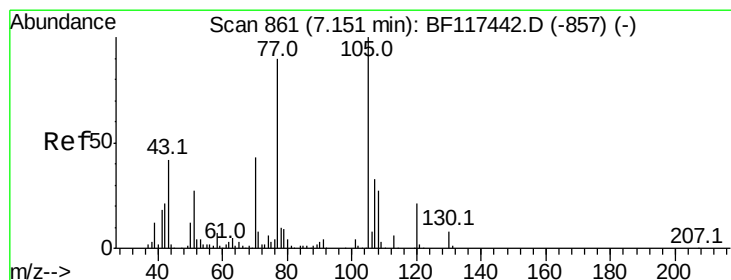
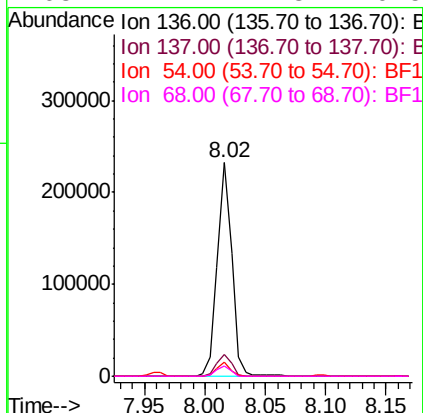
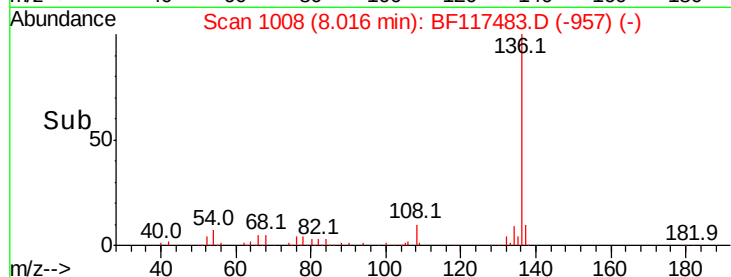
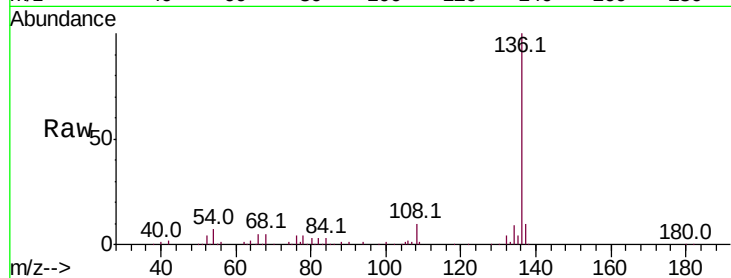




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

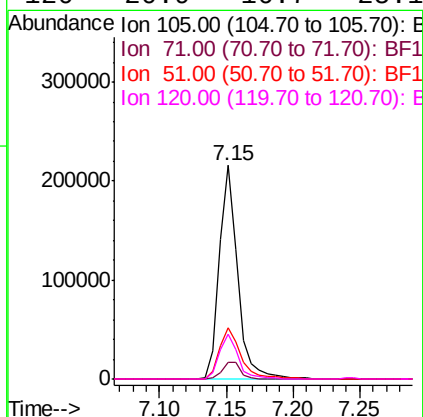
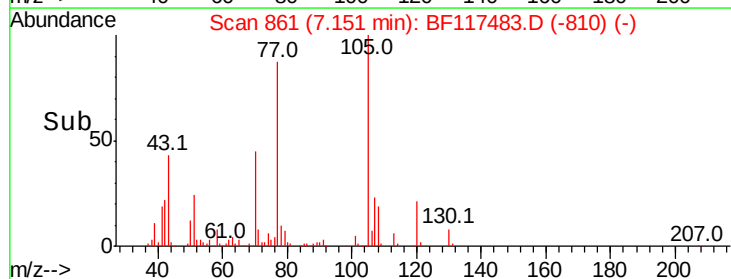
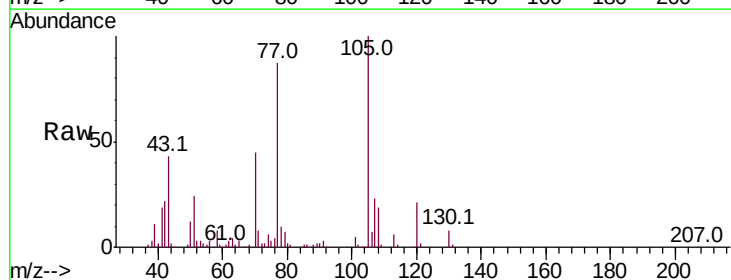
Instrument :
BNA_F
ClientSampleId :

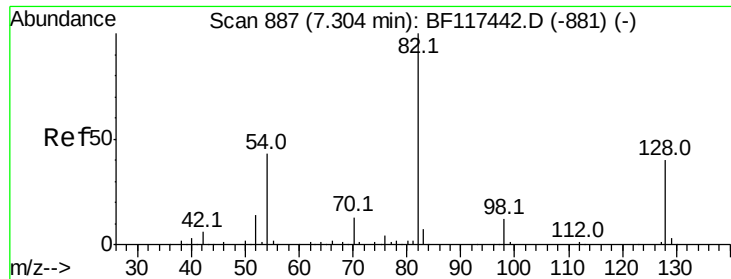
Tot Ion:136	Resp:	191055
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.2 12.4
54	6.7	4.5 6.7
68	4.7	4.3 6.5



#22
Acetophenone
Concen: 41.641 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

Tgt Ion:105	Resp:	211254
Ion Ratio	Lower	Upper
105	100	
71	7.6	6.2 9.2
51	23.8	21.8 32.6
120	20.9	16.7 25.1

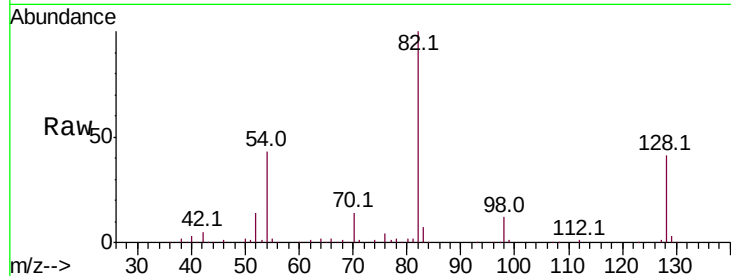




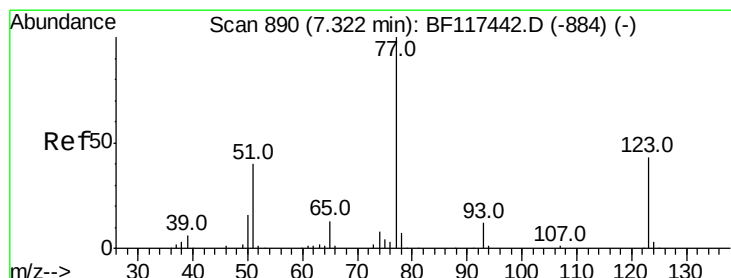
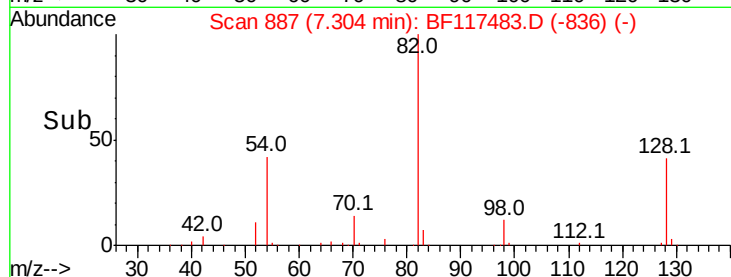
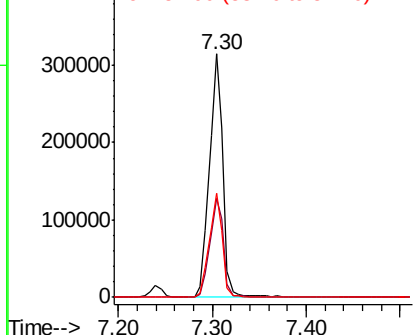
#23
Nitrobenzene-d5
Concen: 82.691 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.8	32.2	48.2
54	42.7	34.2	51.2

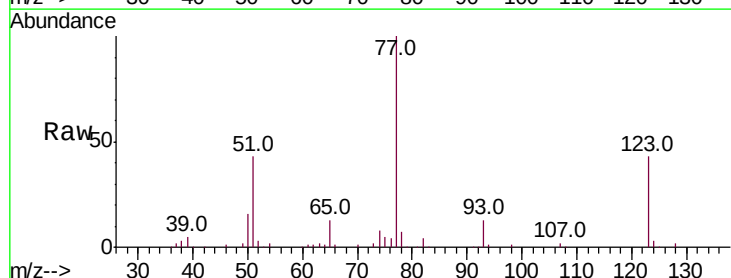


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

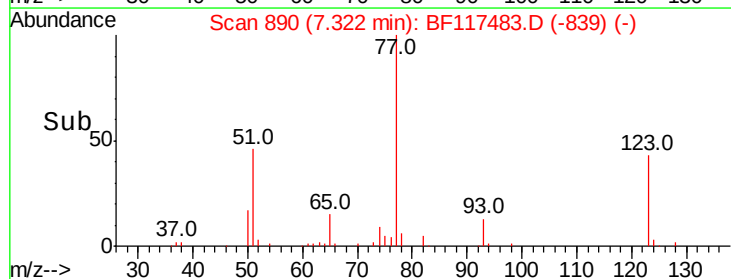
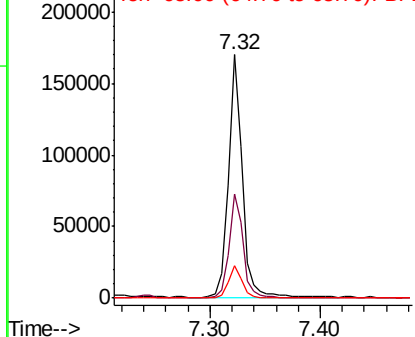


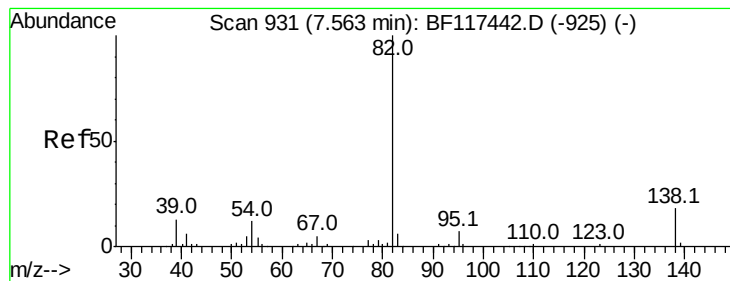
#24
Nitrobenzene
Concen: 40.040 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.7	34.2	51.2
65	13.4	10.3	15.5



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





#25

Isophorone

Concen: 40.837 ng

RT: 7.56 min Scan# 931

Delta R.T. 0.00 min

Lab File: BF117483.D

Acq: 23 Oct 2019 15:10

Instrument :

BNA_F

ClientSampleId :

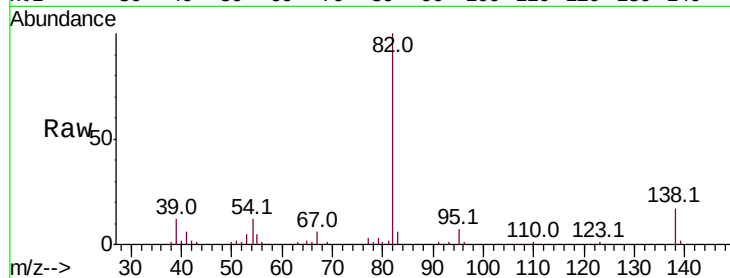
Tot Ion: 82 Resp: 273399

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.0

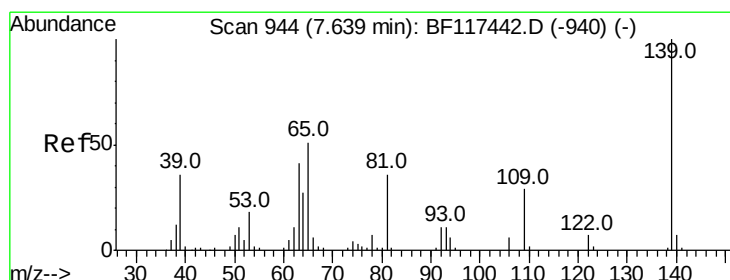
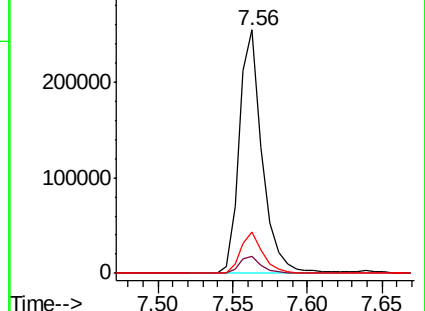
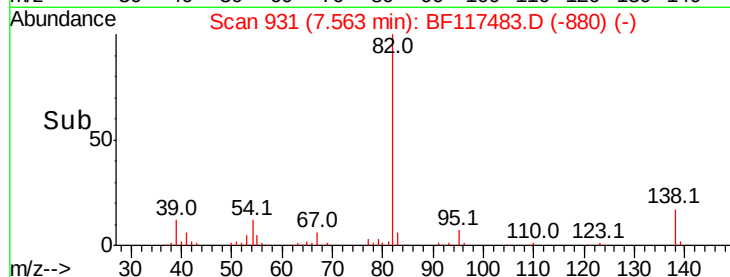
138 17.2 14.2 21.2



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: 40.970 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF117483.D

Acq: 23 Oct 2019 15:10

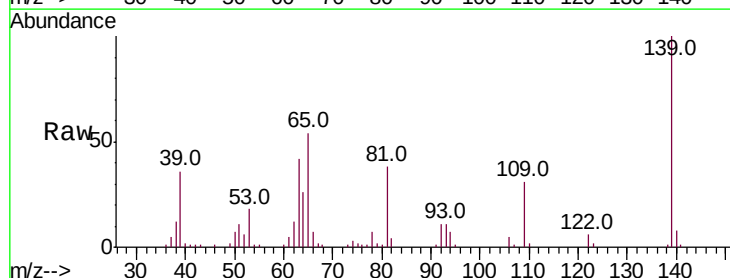
Tgt Ion: 139 Resp: 67731

Ion Ratio Lower Upper

139 100

109 30.7 23.2 34.8

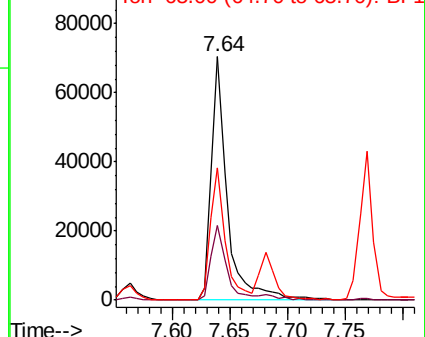
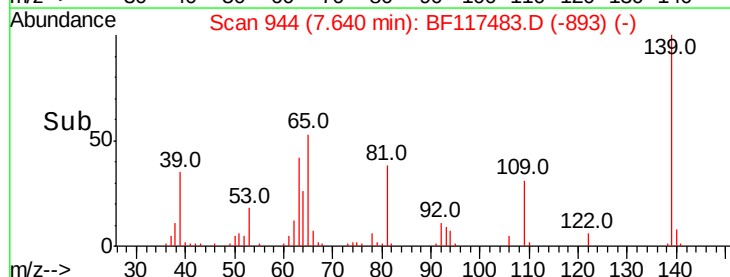
65 54.4 41.1 61.7

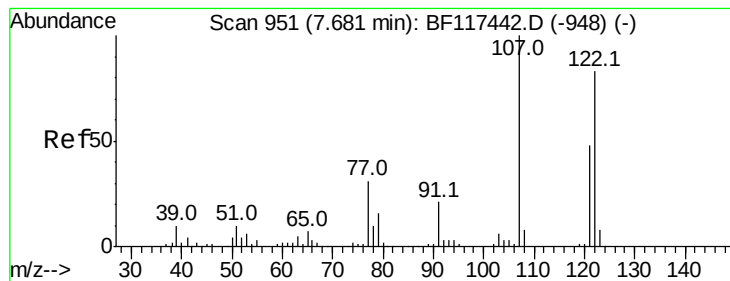


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

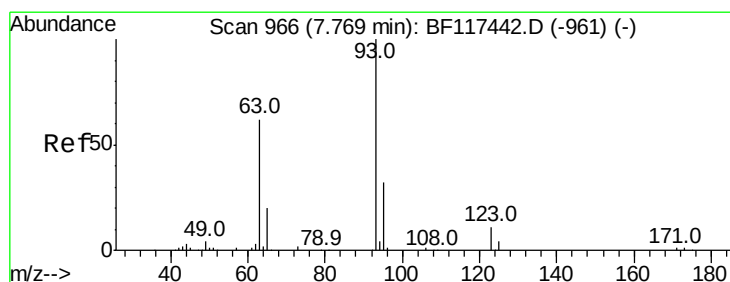
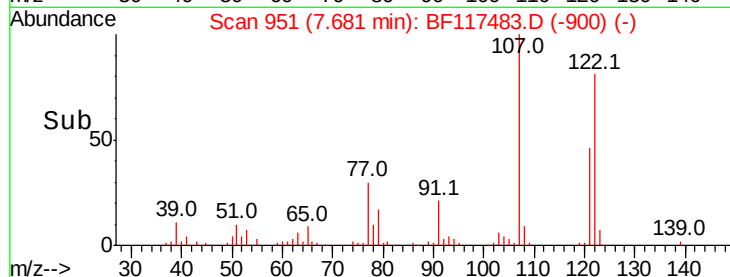
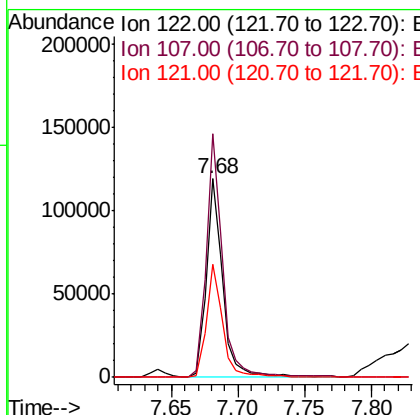
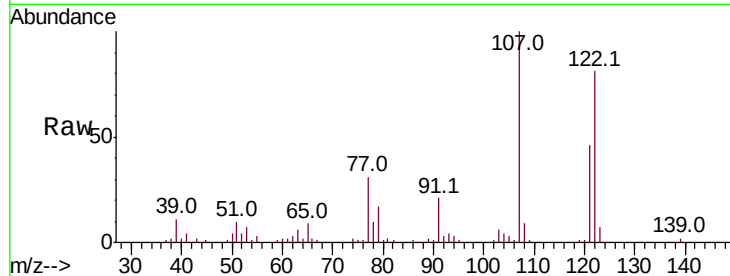




#27
 2,4-Dimethylphenol
 Concen: 40.482 ng
 RT: 7.68 min Scan# 951
 Delta R.T. 0.00 min
 Lab File: BF117483.D
 Acq: 23 Oct 2019 15:10

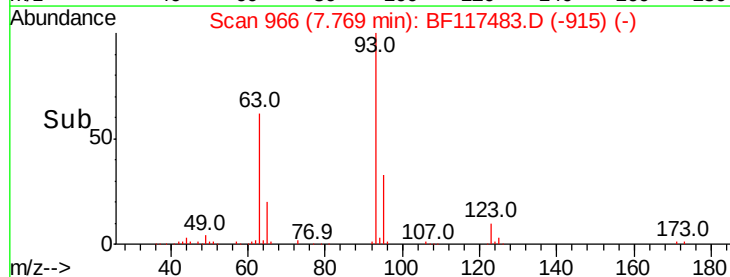
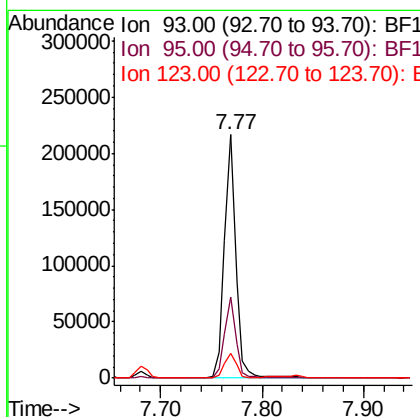
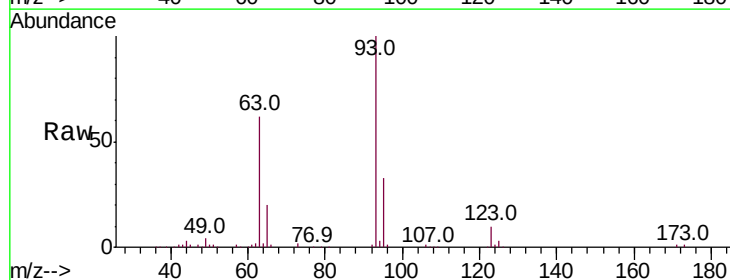
Instrument :
 BNA_F
 ClientSampleId :

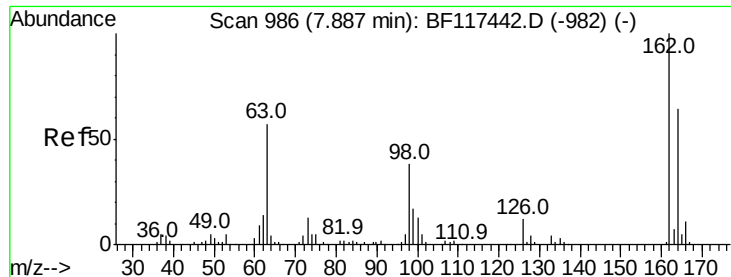
Tot Ion	Ratio	Lower	Upper
122	100		
107	122.7	96.8	145.2
121	56.8	46.4	69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.371 ng
 RT: 7.77 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: BF117483.D
 Acq: 23 Oct 2019 15:10

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	25.5	38.3
123	10.3	9.0	13.6

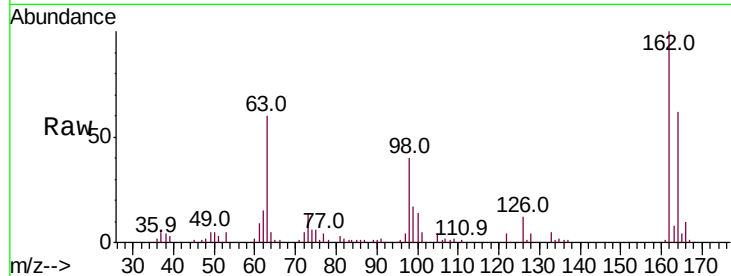




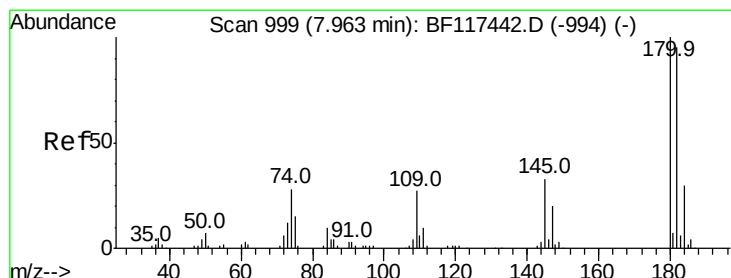
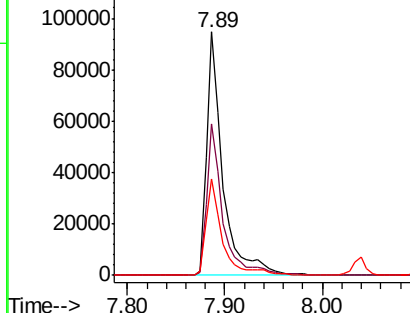
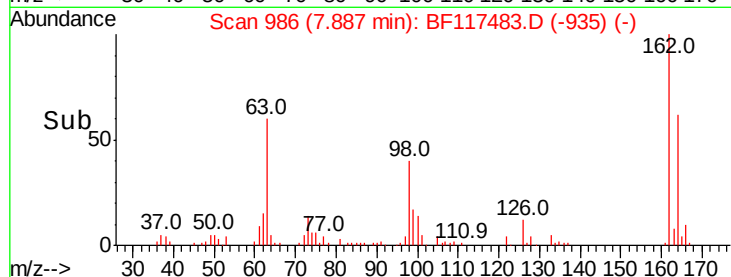
#29
 2,4-Dichlorophenol
 Concen: 41.954 ng
 RT: 7.89 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: BF117483.D
 Acq: 23 Oct 2019 15:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 108721
 Ion Ratio Lower Upper
 162 100
 164 62.4 44.4 84.4
 98 39.9 18.2 58.2

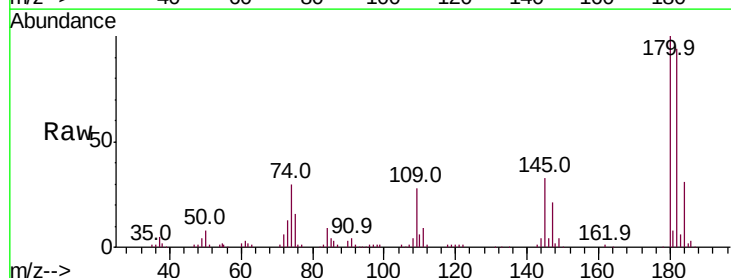


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

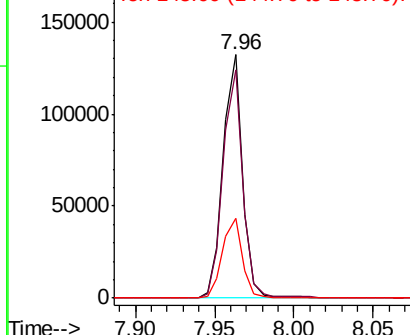
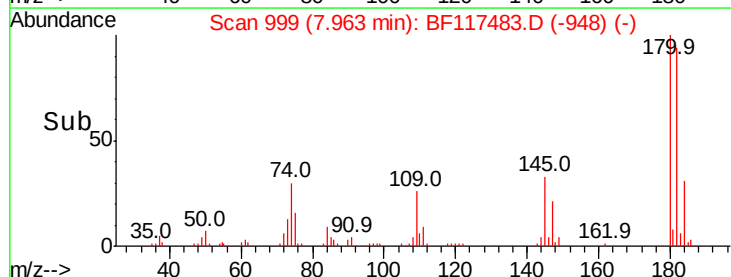


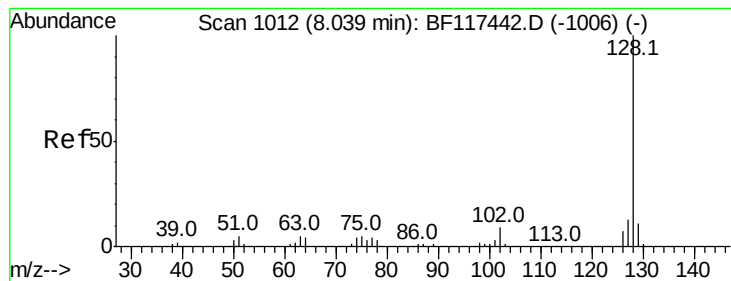
#30
 1,2,4-Trichlorobenzene
 Concen: 40.588 ng
 RT: 7.96 min Scan# 999
 Delta R.T. 0.00 min
 Lab File: BF117483.D
 Acq: 23 Oct 2019 15:10

Tgt Ion:180 Resp: 112872
 Ion Ratio Lower Upper
 180 100
 182 93.7 75.8 113.8
 145 33.0 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: 41.715 ng

RT: 8.04 min Scan# 1012

Delta R.T. 0.00 min

Lab File: BF117483.D

Acq: 23 Oct 2019 15:10

Instrument :

BNA_F

ClientSampleId :

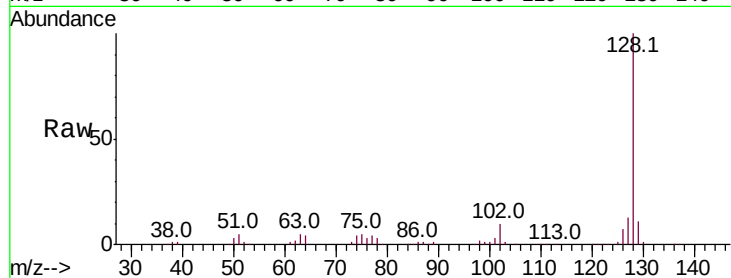
Tot Ion:128 Resp: 395038

Ion Ratio Lower Upper

128 100

129 10.5 9.0 13.4

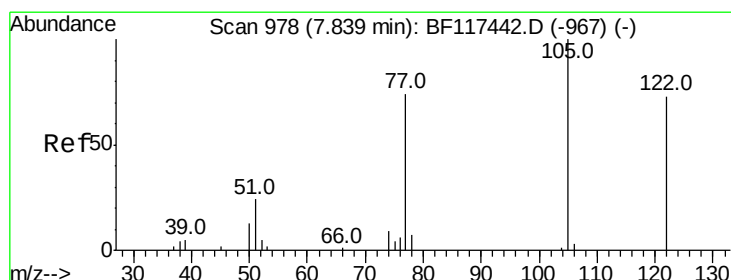
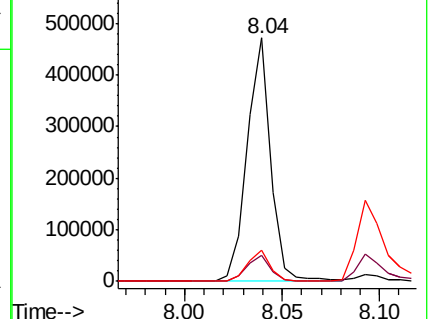
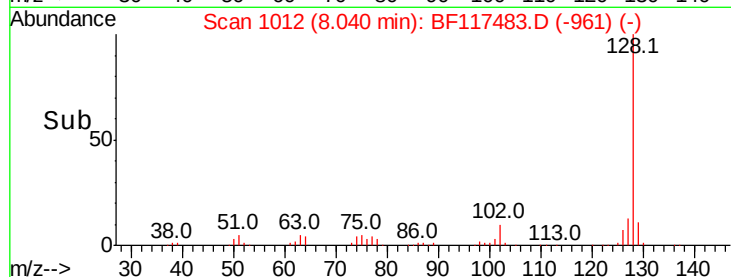
127 12.8 10.2 15.2



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: 31.709 ng

RT: 7.84 min Scan# 978

Delta R.T. 0.00 min

Lab File: BF117483.D

Acq: 23 Oct 2019 15:10

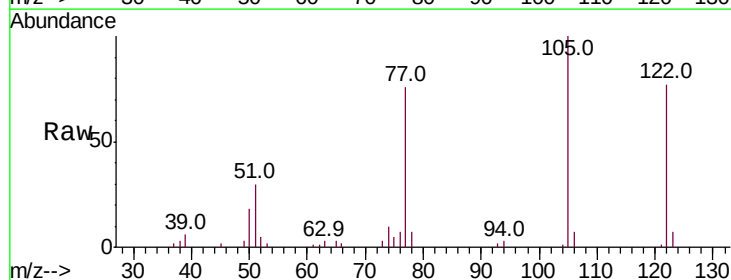
Tgt Ion:122 Resp: 53660

Ion Ratio Lower Upper

122 100

105 130.3 115.0 155.0

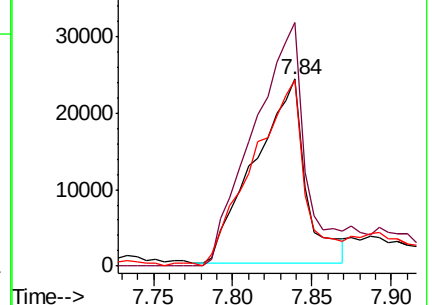
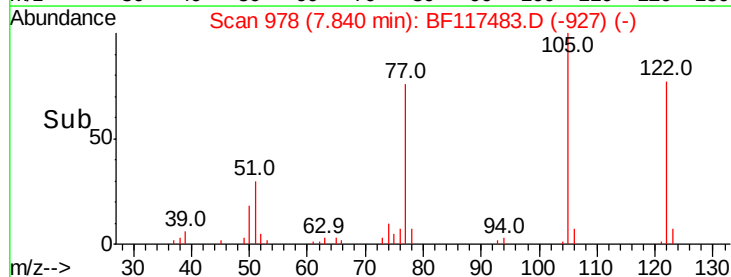
77 99.3 79.7 119.7

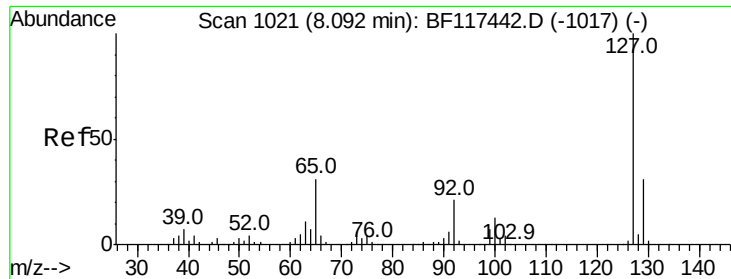


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

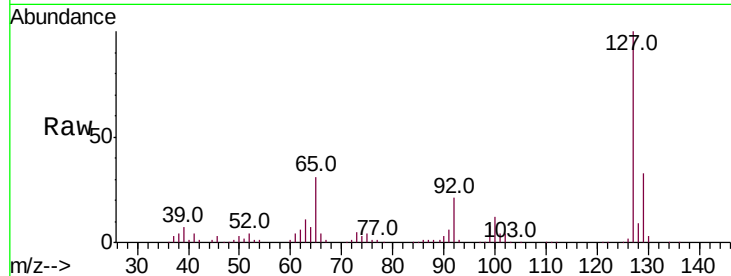




#33
4-Chloroaniline
Concen: 41.518 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	165932
Ion	Ratio	Lower	Upper
127	100		
129	33.0	24.8	37.2
65	31.4	24.6	37.0
92	20.5	16.5	24.7



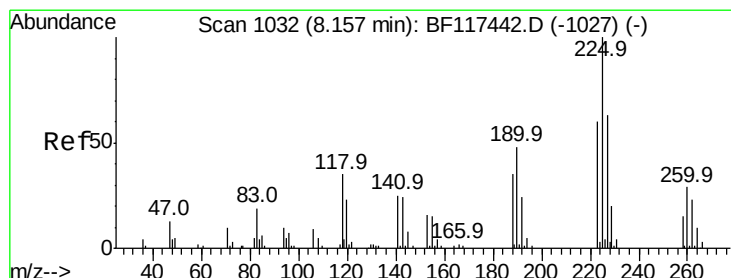
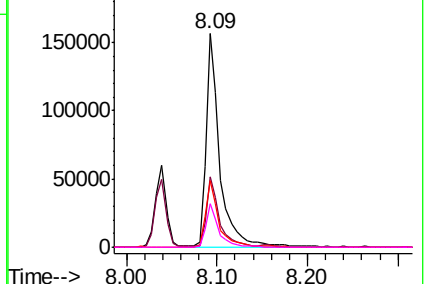
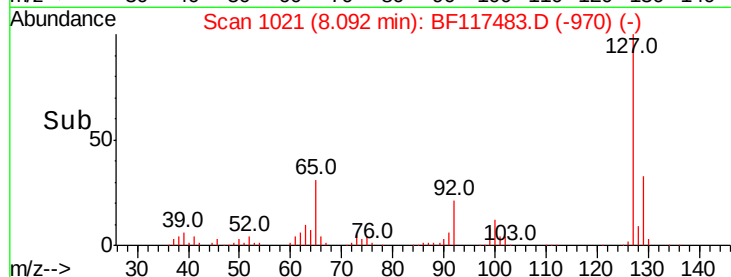
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

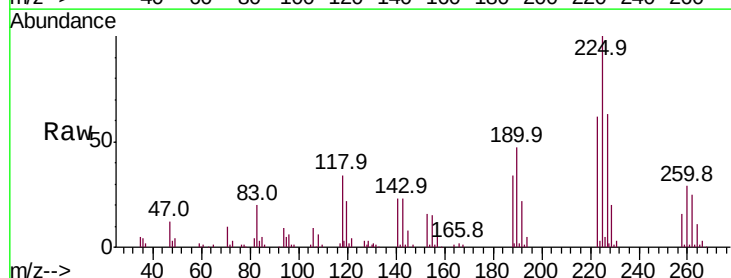
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 41.164 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

Tgt Ion:	225	Resp:	66258
Ion	Ratio	Lower	Upper
225	100		
223	62.0	48.2	72.4
227	63.3	50.2	75.4

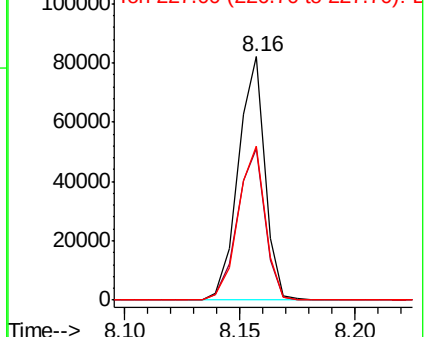
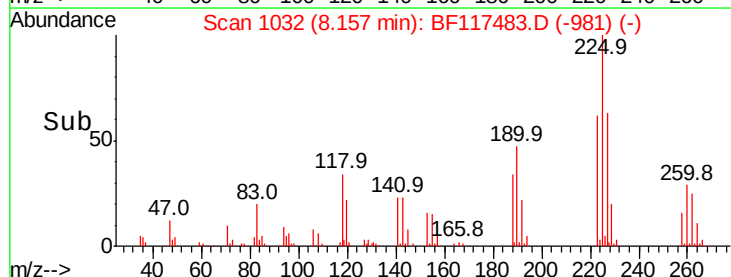


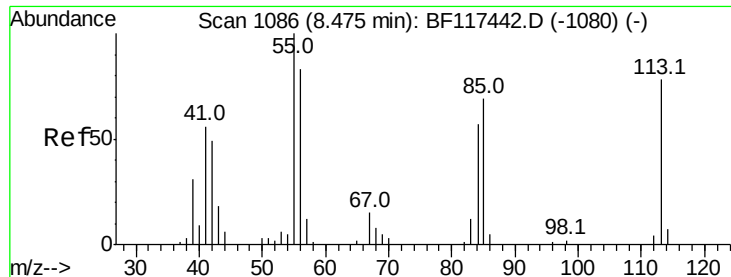
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

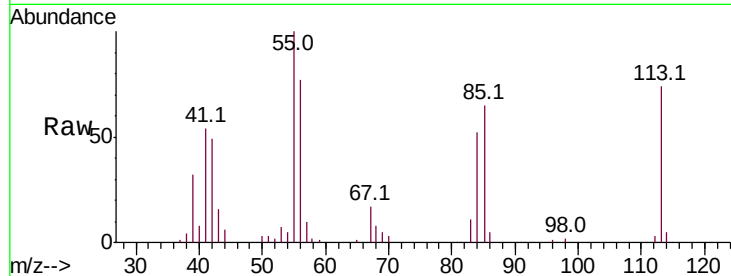




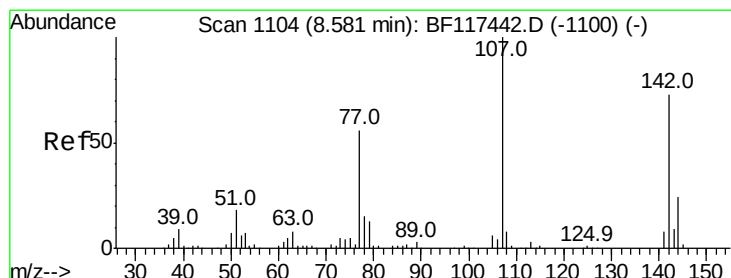
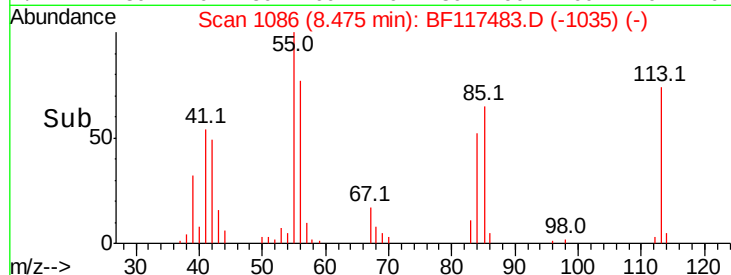
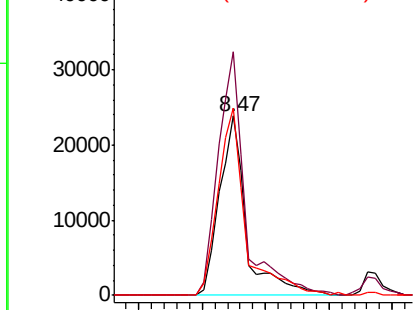
#35
 Caprolactam
 Concen: 41.956 ng
 RT: 8.47 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: BF117483.D
 Acq: 23 Oct 2019 15:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 34927
 Ion Ratio Lower Upper
 113 100
 55 135.9 108.8 148.8
 56 104.3 87.2 127.2

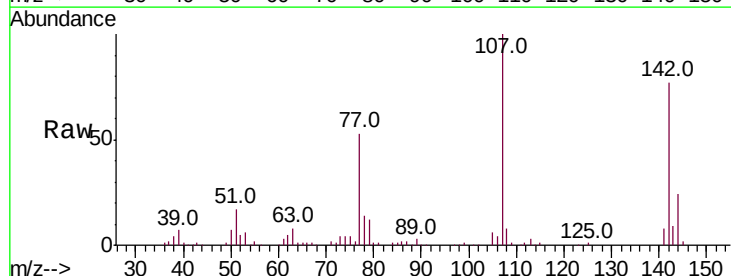


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

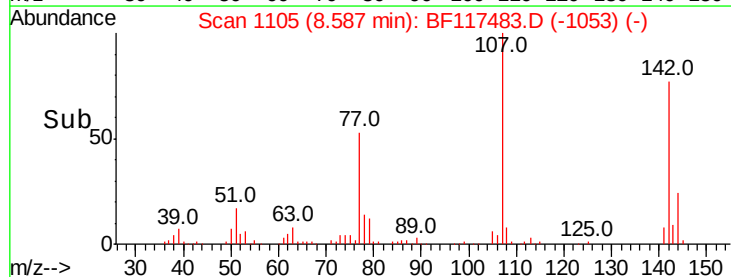
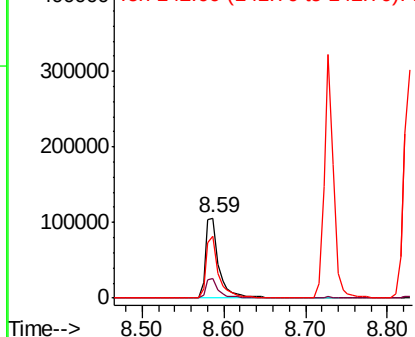


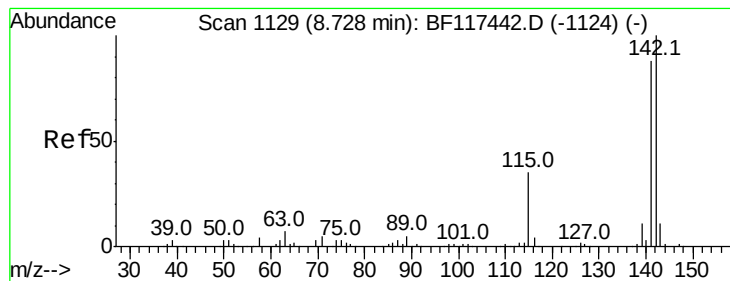
#36
 4-Chloro-3-methylphenol
 Concen: 40.936 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. 0.01 min
 Lab File: BF117483.D
 Acq: 23 Oct 2019 15:10

Tgt Ion:107 Resp: 120984
 Ion Ratio Lower Upper
 107 100
 144 24.0 18.9 28.3
 142 77.2 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: 40.378 ng

RT: 8.73 min Scan# 1129

Delta R.T. 0.00 min

Lab File: BF117483.D

Acq: 23 Oct 2019 15:10

Instrument :

BNA_F

ClientSampleId :

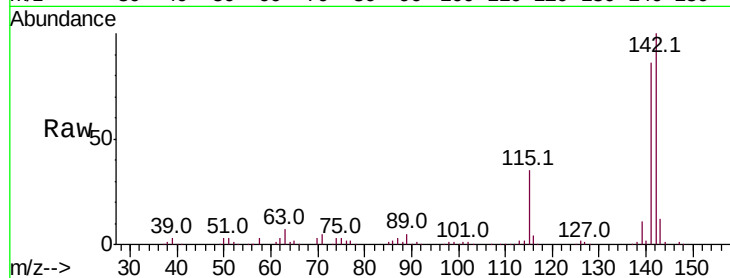
Tot Ion:142 Resp: 257658

Ion Ratio Lower Upper

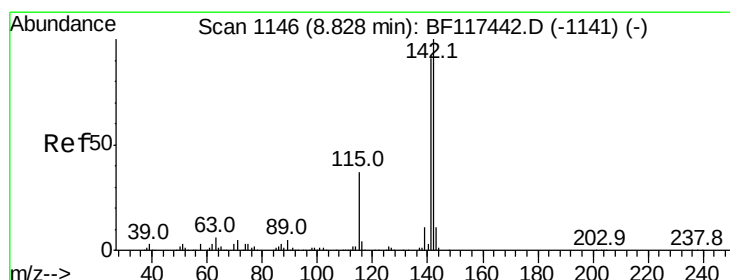
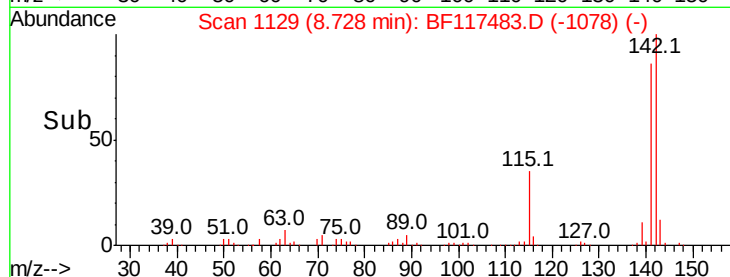
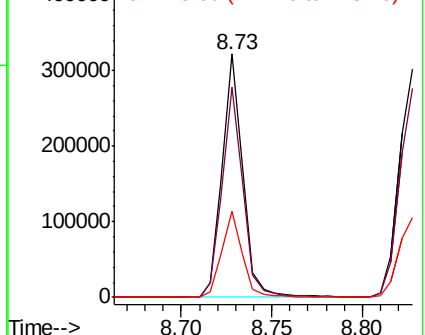
142 100

141 86.4 70.3 105.5

115 35.4 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: 40.993 ng

RT: 8.83 min Scan# 1146

Delta R.T. 0.00 min

Lab File: BF117483.D

Acq: 23 Oct 2019 15:10

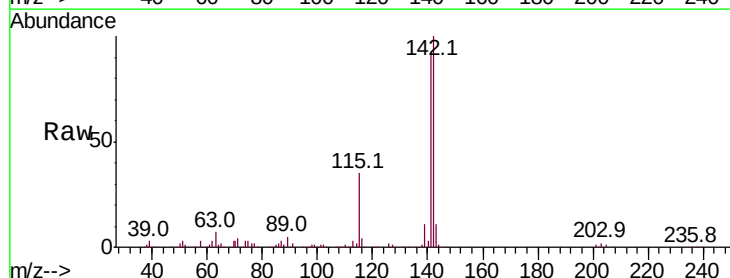
Tgt Ion:142 Resp: 245799

Ion Ratio Lower Upper

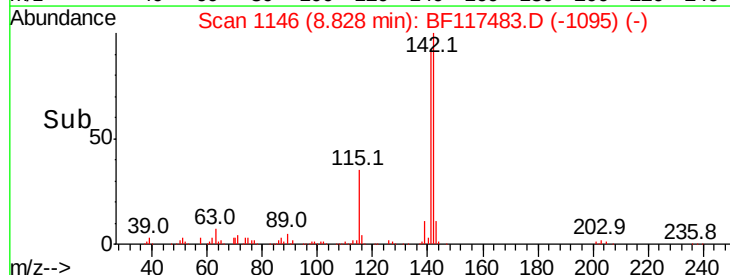
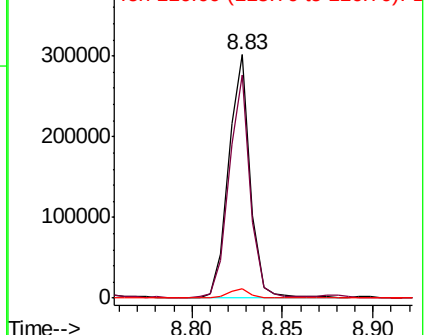
142 100

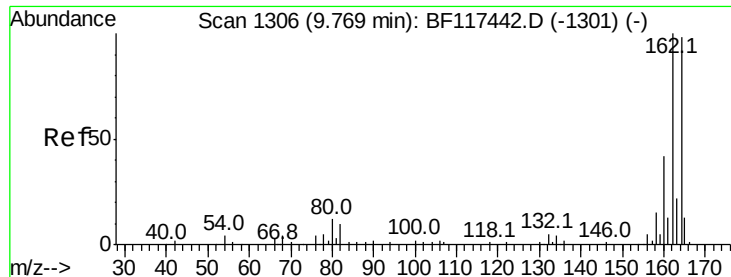
141 91.8 73.3 109.9

116 3.8 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

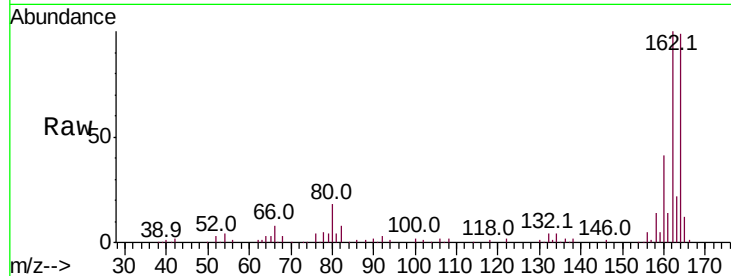




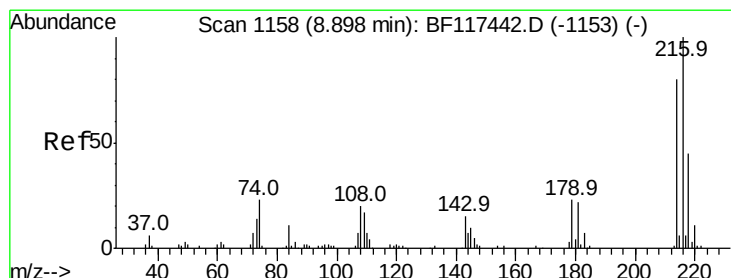
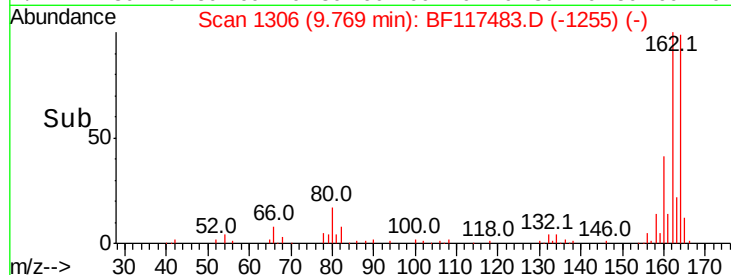
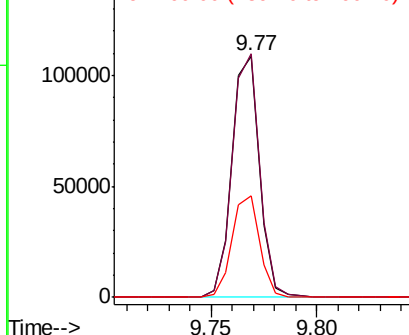
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 97399
Ion Ratio Lower Upper
164 100
162 100.8 81.8 122.6
160 41.8 34.4 51.6

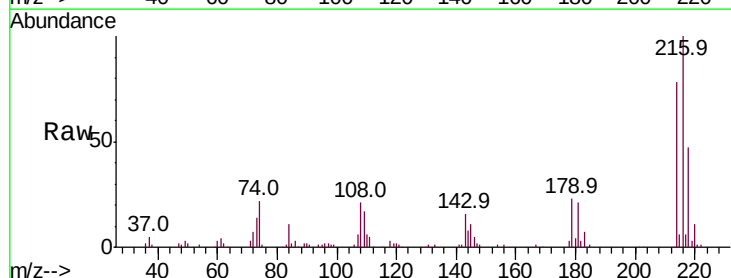


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

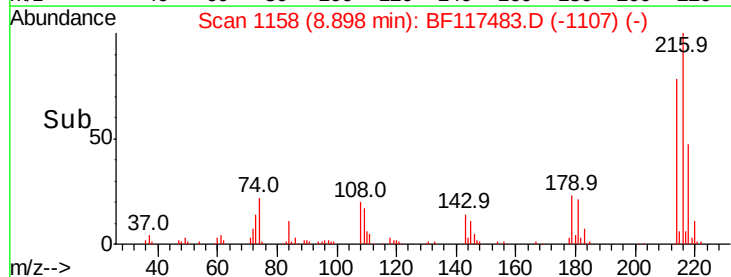
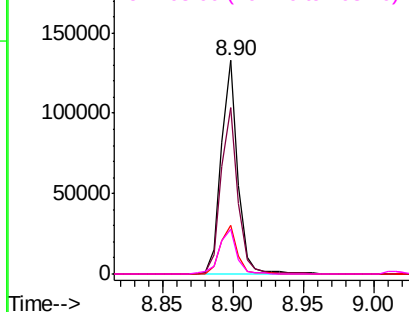


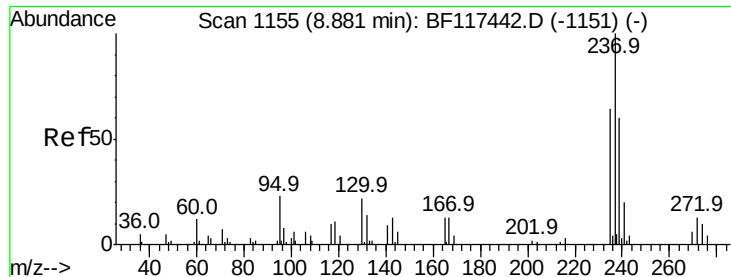
#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.406 ng
RT: 8.90 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

Tgt Ion:216 Resp: 108621
Ion Ratio Lower Upper
216 100
214 79.4 62.4 93.6
179 23.1 18.1 27.1
108 22.1 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

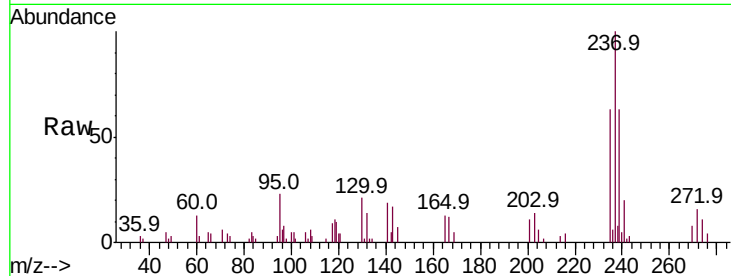




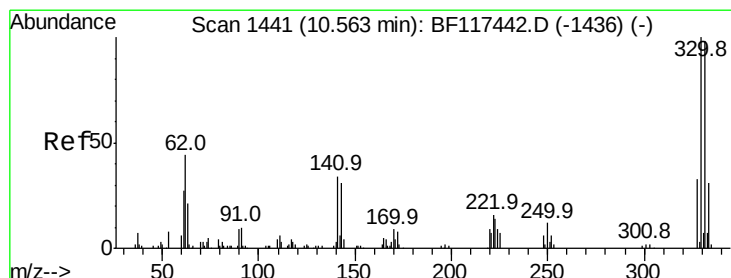
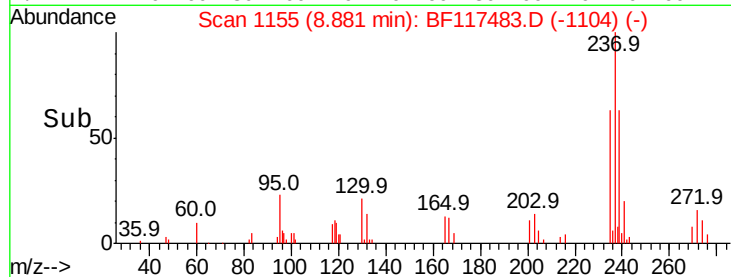
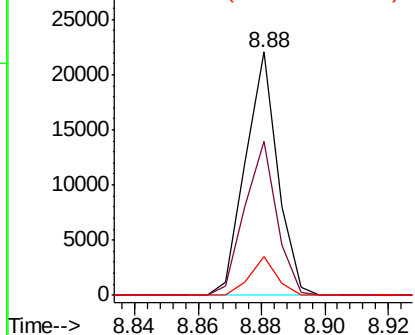
#41
Hexachlorocyclopentadiene
Concen: 33.879 ng
RT: 8.88 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	63.1	44.3	84.3
272	15.9	0.0	33.2

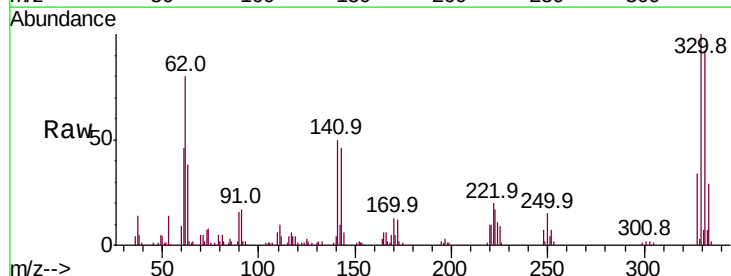


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

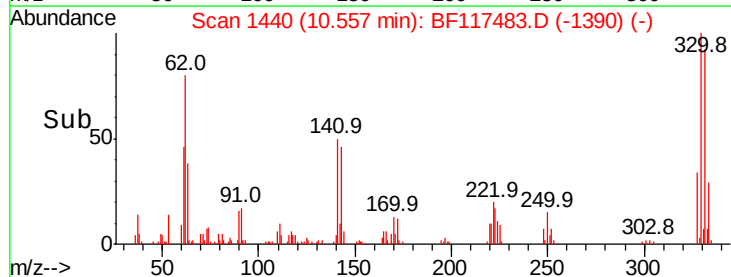
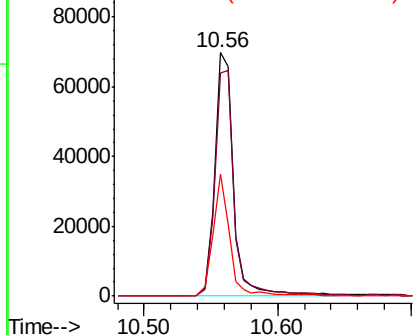


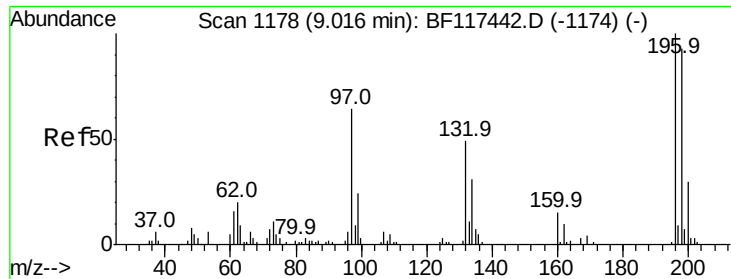
#42
2,4,6-Tribromophenol
Concen: 82.654 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	78.5	117.7
141	44.8	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



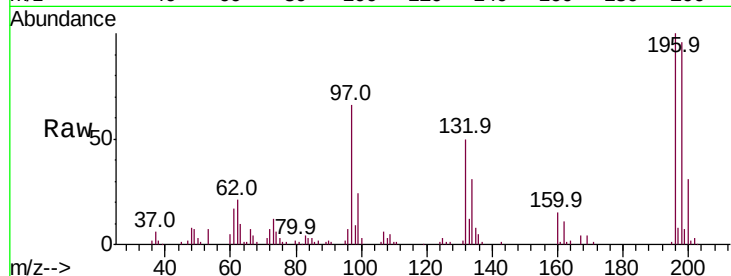


#43
 2,4,6-Trichlorophenol
 Concen: 41.060 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF117483.D
 Acq: 23 Oct 2019 15:10

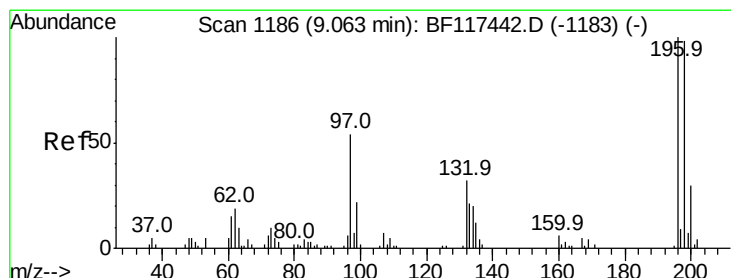
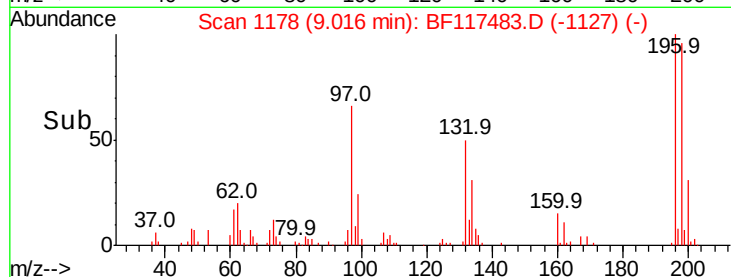
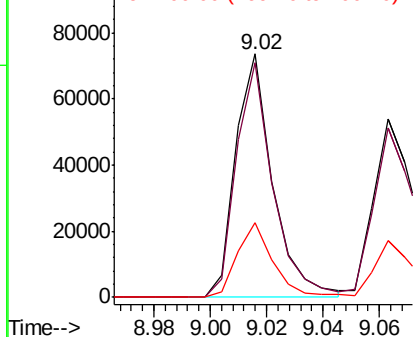
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 67453

Ion	Ratio	Lower	Upper
196	100		
198	96.2	74.1	111.1
200	30.6	23.9	35.9



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

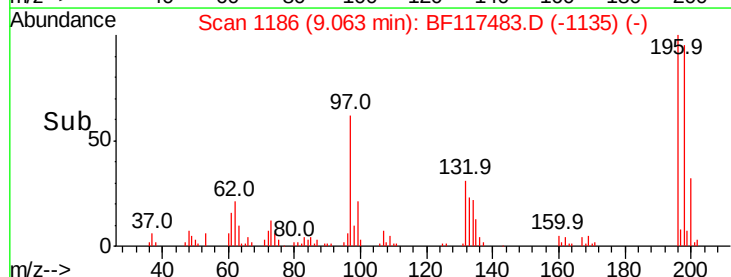
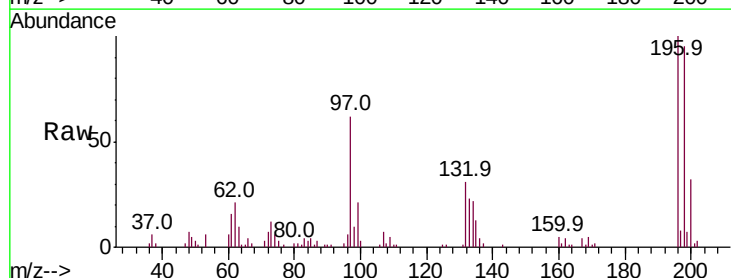
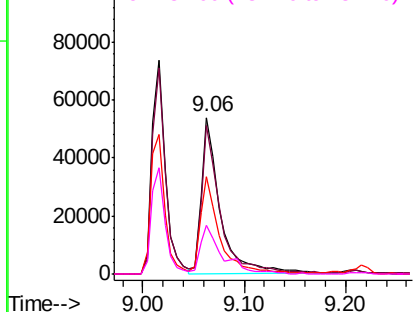


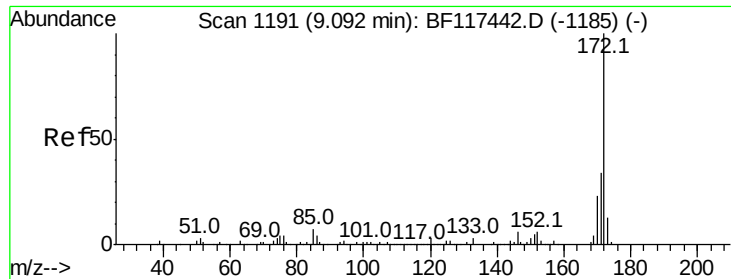
#44
 2,4,5-Trichlorophenol
 Concen: 41.175 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF117483.D
 Acq: 23 Oct 2019 15:10

Tgt Ion:196 Resp: 68543

Ion	Ratio	Lower	Upper
196	100		
198	95.1	78.6	117.8
97	62.1	43.4	65.2
132	30.9	26.0	39.0

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

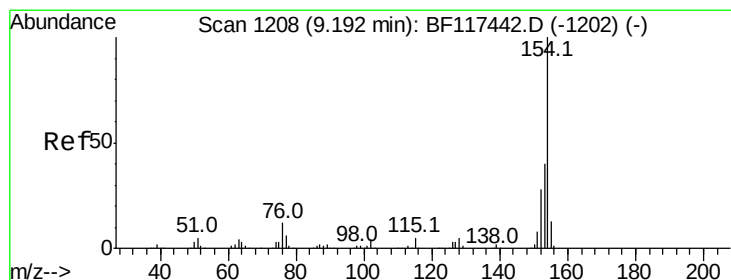
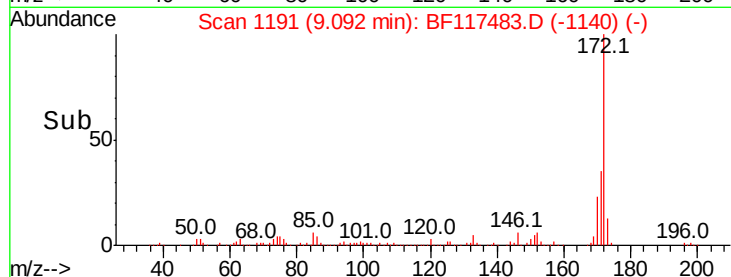
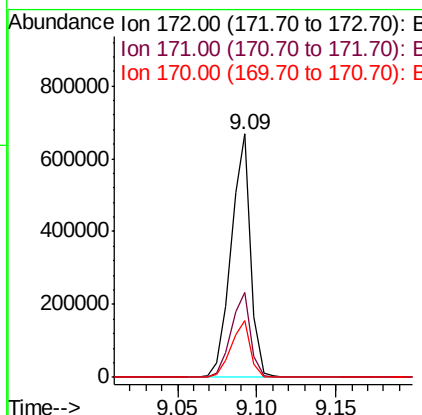
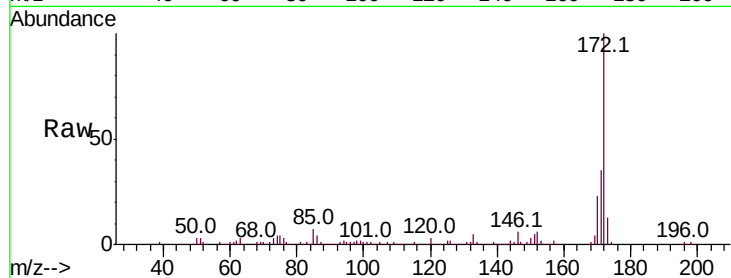




#45
2-Fluorobiphenyl
Concen: 81.901 ng
RT: 9.09 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

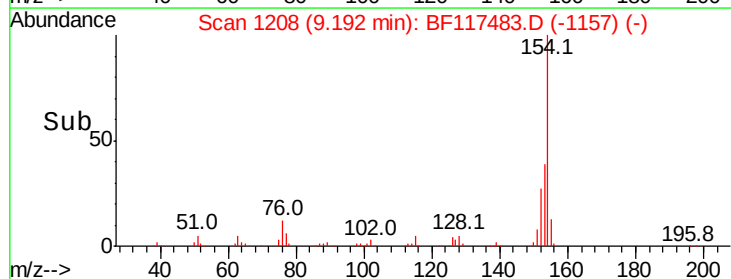
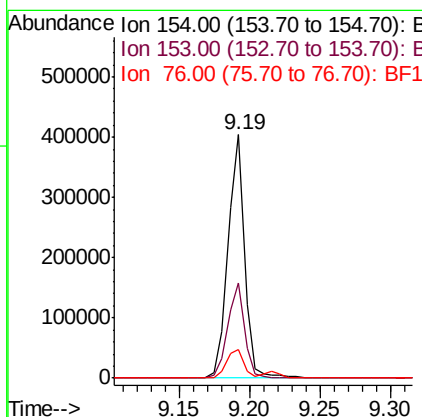
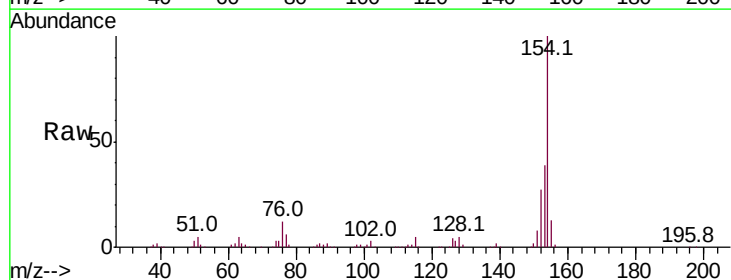
Instrument :
BNA_F
ClientSampleId :

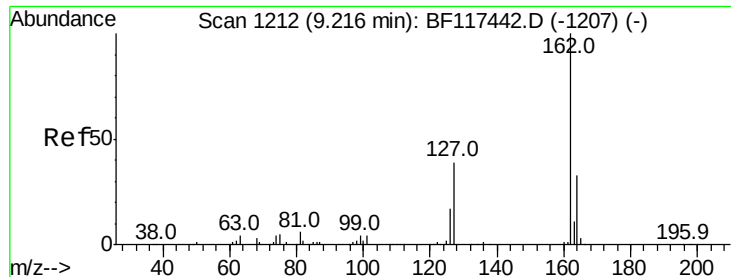
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.5	41.3
170	23.3	18.6	27.8



#46
1,1'-Biphenyl
Concen: 40.984 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.1	20.2	60.2
76	11.5	0.0	32.1





#47

2-Chloronaphthalene

Concen: 41.192 ng

RT: 9.22 min Scan# 1212

Delta R.T. 0.00 min

Lab File: BF117483.D

Acq: 23 Oct 2019 15:10

Instrument :

BNA_F

ClientSampleId :

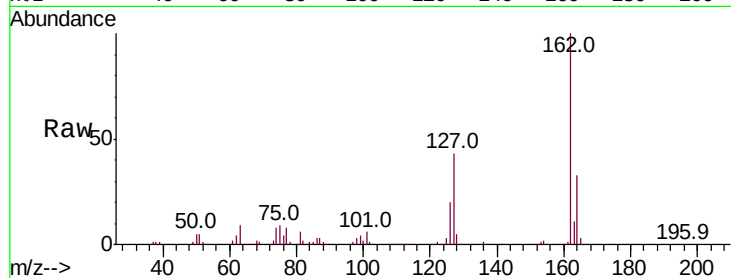
Tot Ion:162 Resp: 250429

Ion Ratio Lower Upper

162 100

127 42.8 34.2 51.4

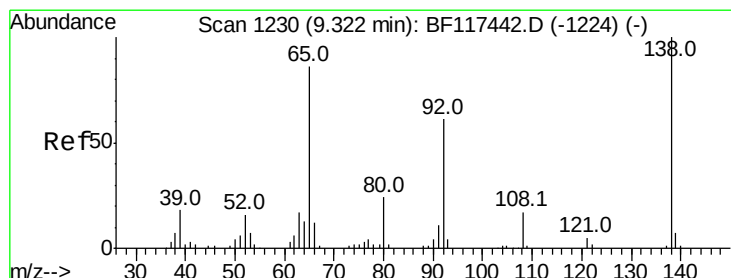
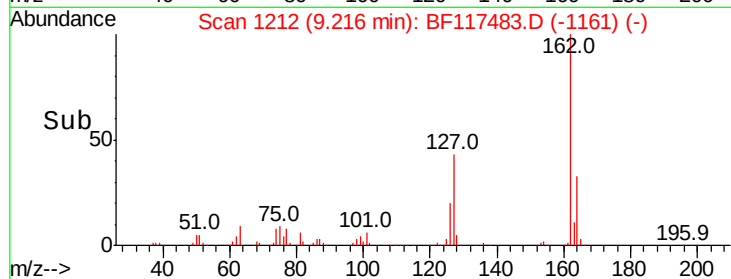
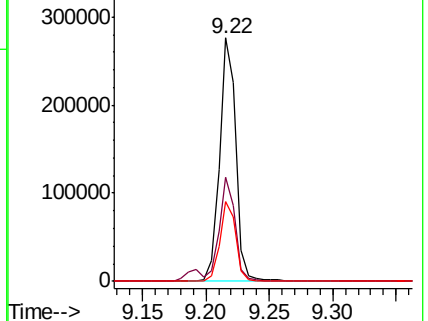
164 32.7 26.4 39.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 41.910 ng

RT: 9.32 min Scan# 1230

Delta R.T. 0.00 min

Lab File: BF117483.D

Acq: 23 Oct 2019 15:10

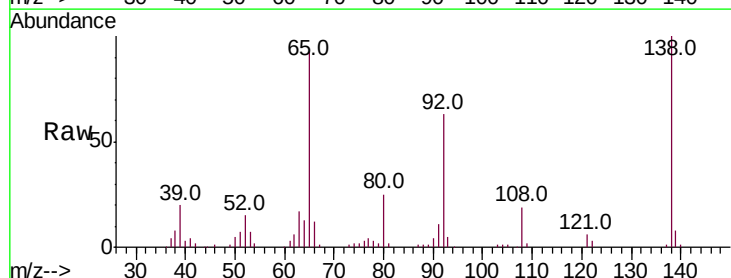
Tgt Ion: 65 Resp: 83644

Ion Ratio Lower Upper

65 100

92 68.5 57.3 85.9

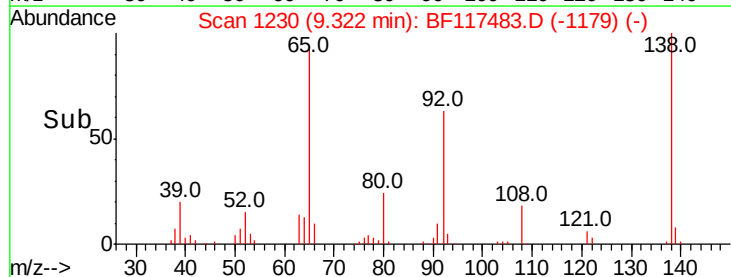
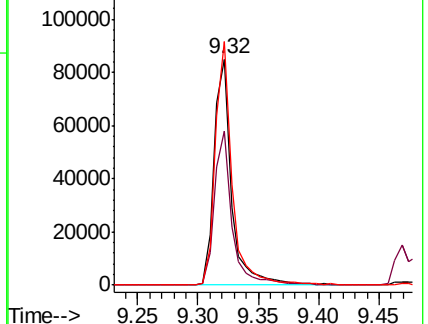
138 107.9 93.3 139.9

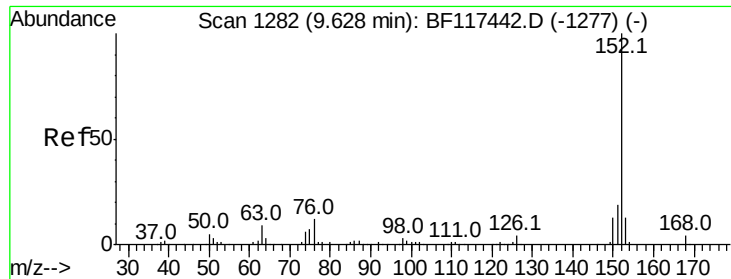


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.241 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BF117483.D

Acq: 23 Oct 2019 15:10

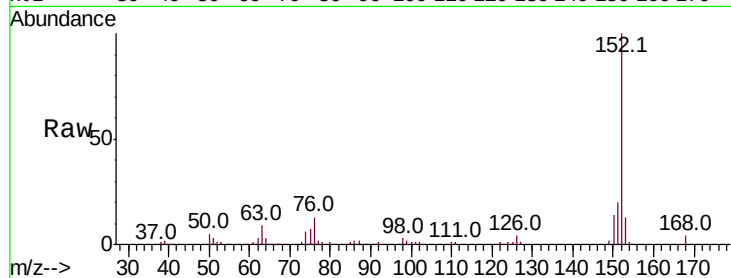
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 368283

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.4	23.0
153	12.9	10.3	15.5

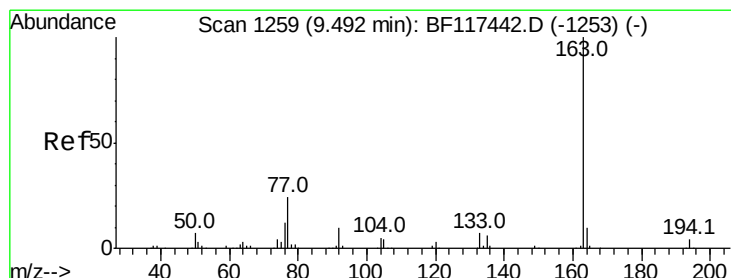
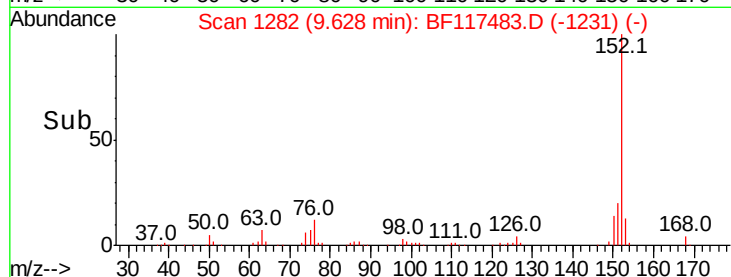
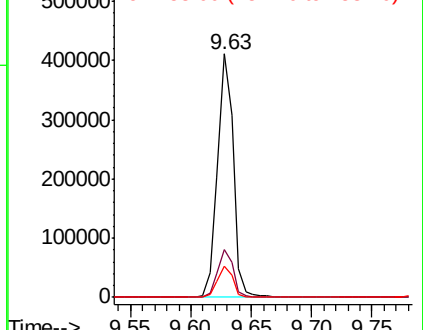


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.157 ng

RT: 9.49 min Scan# 1259

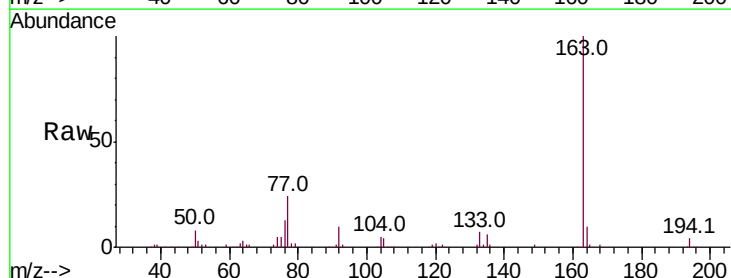
Delta R.T. 0.00 min

Lab File: BF117483.D

Acq: 23 Oct 2019 15:10

Tgt Ion:163 Resp: 285773

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.9	4.3
164	9.8	8.2	12.2

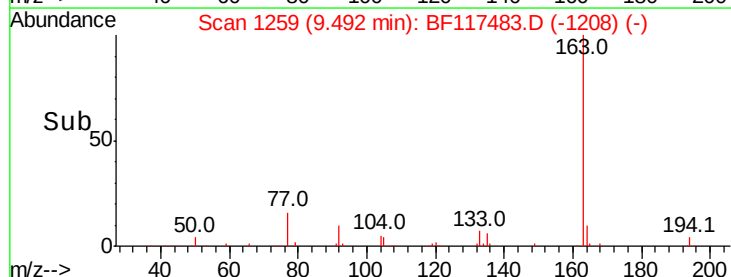
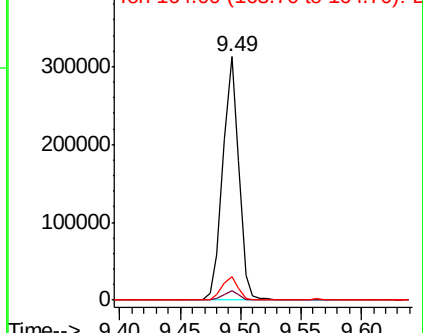


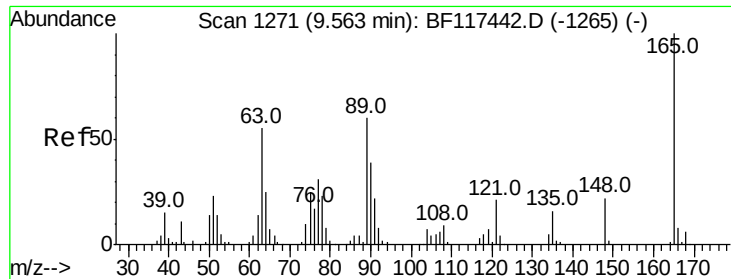
Abundance

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

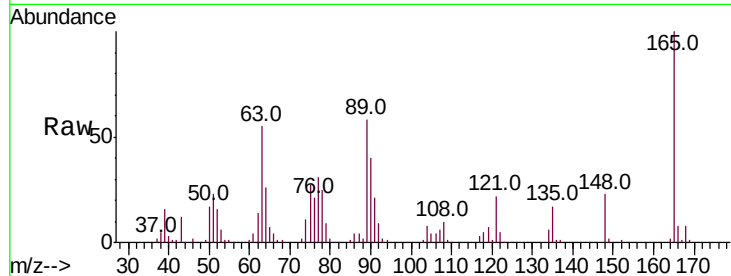




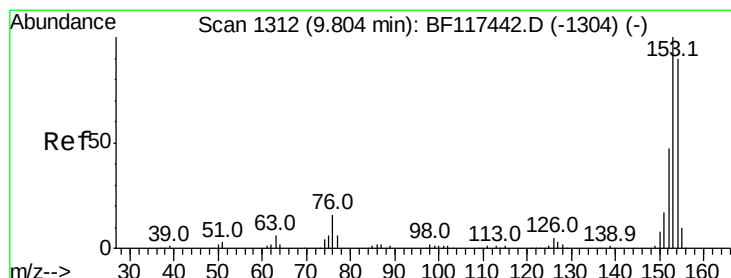
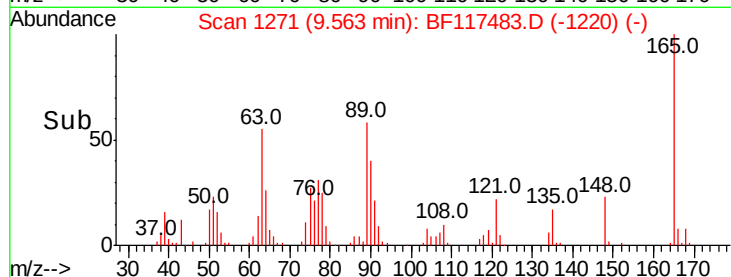
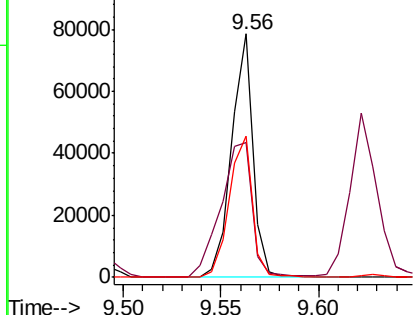
#51
2,6-Dinitrotoluene
Concen: 41.274 ng
RT: 9.56 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 59803
Ion Ratio Lower Upper
165 100
63 55.4 43.8 65.8
89 57.9 47.6 71.4

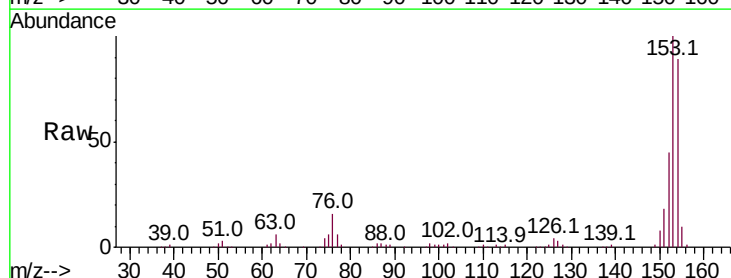


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

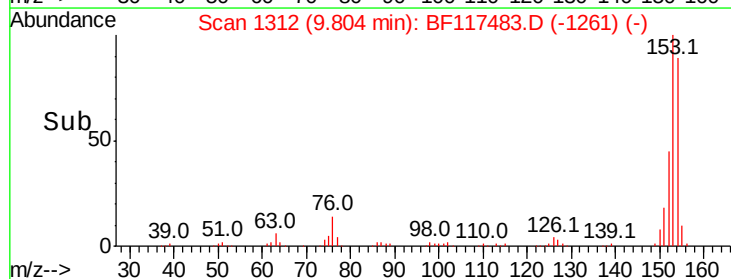
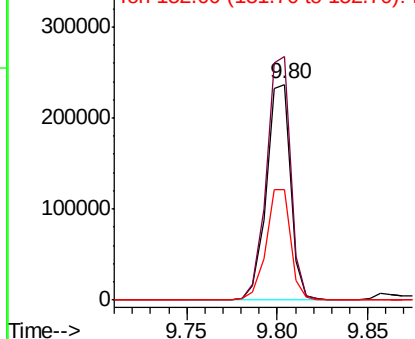


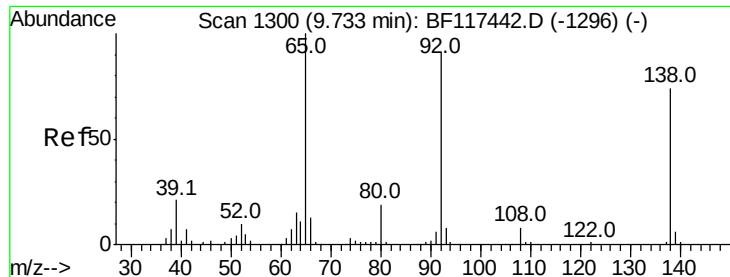
#52
Acenaphthene
Concen: 40.364 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

Tgt Ion:154 Resp: 221142
Ion Ratio Lower Upper
154 100
153 112.7 89.2 133.8
152 51.2 41.8 62.6



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

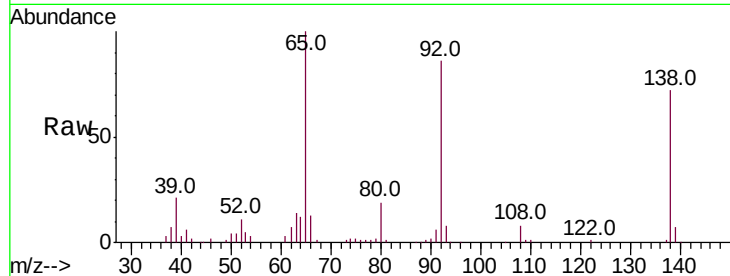




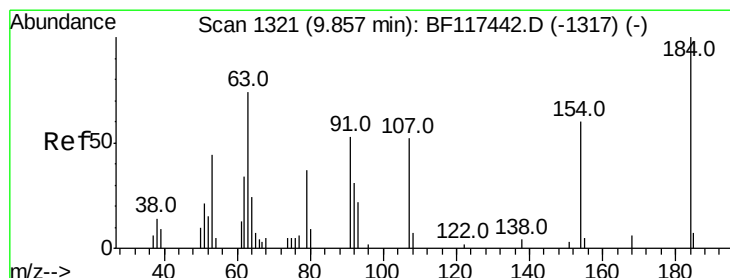
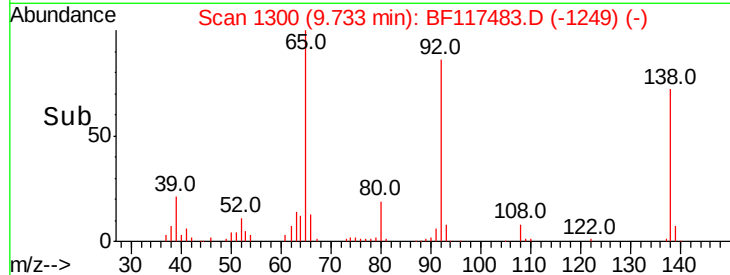
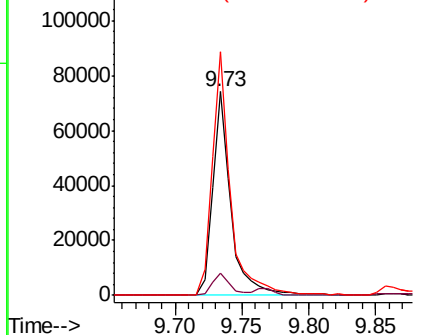
#53
 3-Nitroaniline
 Concen: 40.318 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. 0.00 min
 Lab File: BF117483.D
 Acq: 23 Oct 2019 15:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 70881
 Ion Ratio Lower Upper
 138 100
 108 10.8 8.7 13.1
 92 119.6 98.4 147.6

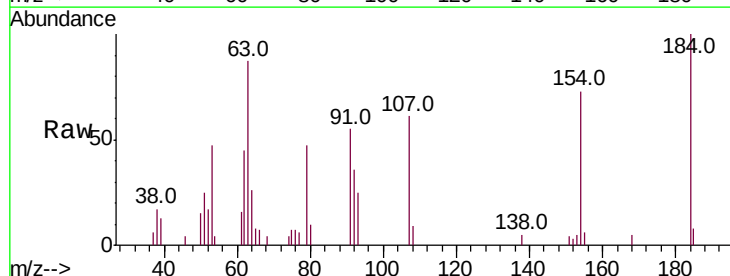


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

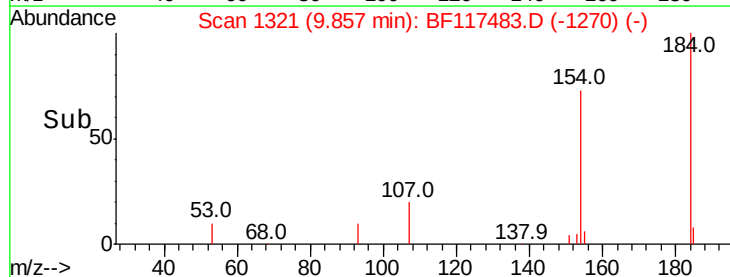
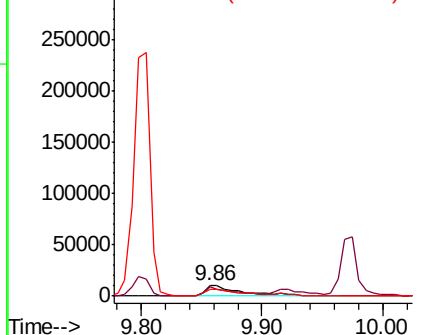


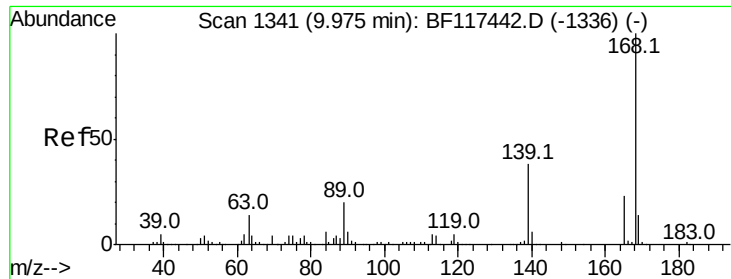
#54
 2,4-Dinitrophenol
 Concen: 39.486 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: BF117483.D
 Acq: 23 Oct 2019 15:10

Tgt Ion:184 Resp: 22220
 Ion Ratio Lower Upper
 184 100
 63 86.6 59.2 88.8
 154 72.7 53.4 80.0



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

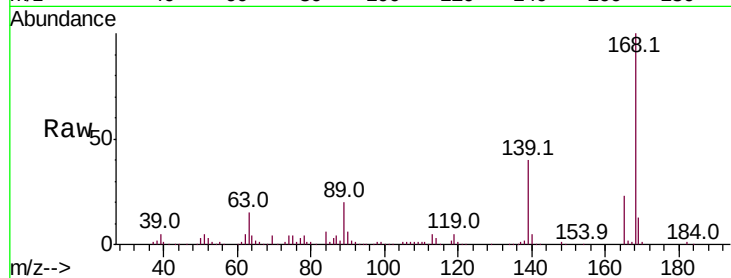




#55
Dibenzenofuran
Concen: 40.867 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.9	31.8	47.6
169	13.3	11.2	16.8

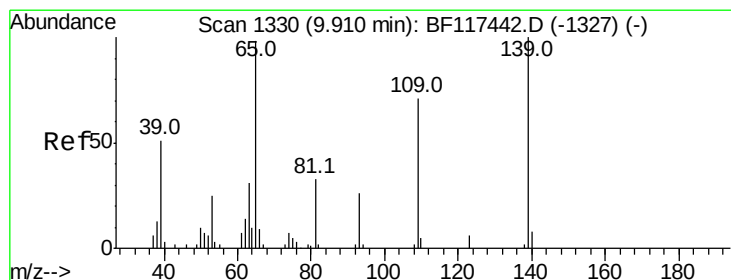
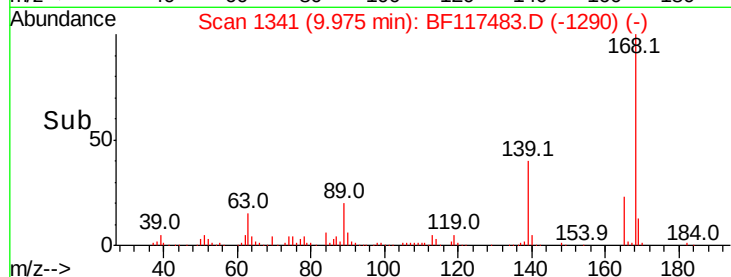
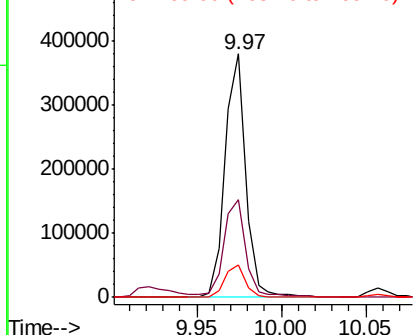


Abundance

Ion 168.00 (167.70 to 168.70): E

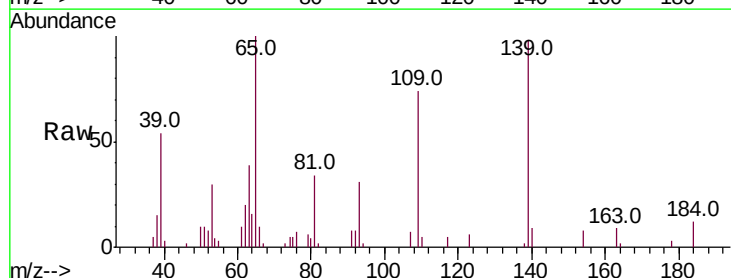
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 35.057 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

Tgt Ion	Ratio	Lower	Upper
139	100		
109	75.7	51.4	91.4
65	102.5	79.4	119.4

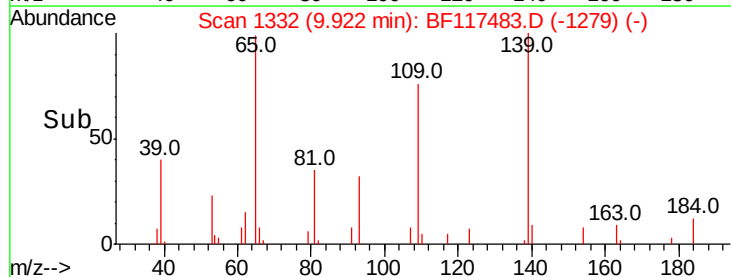
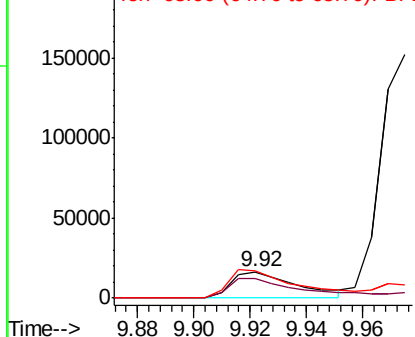


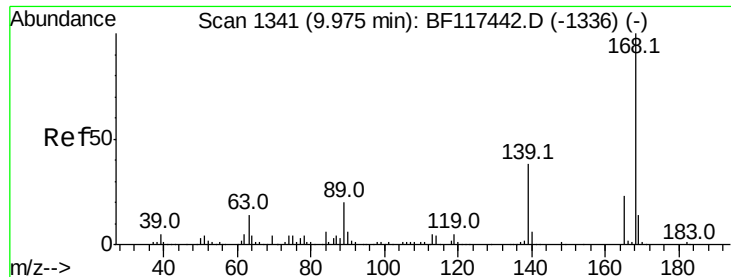
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

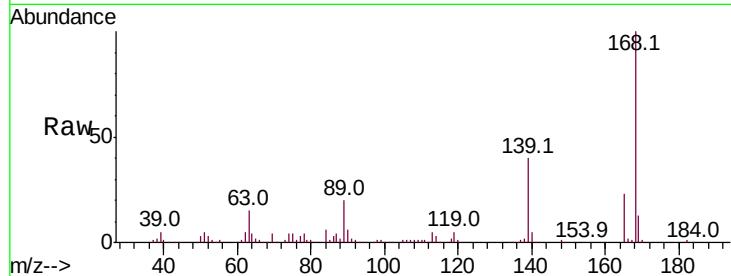




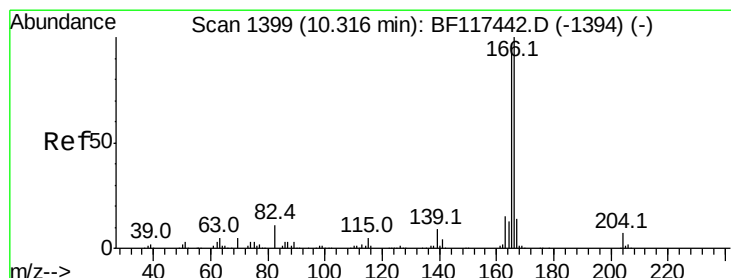
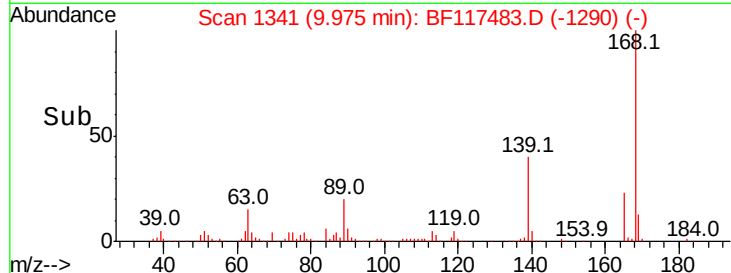
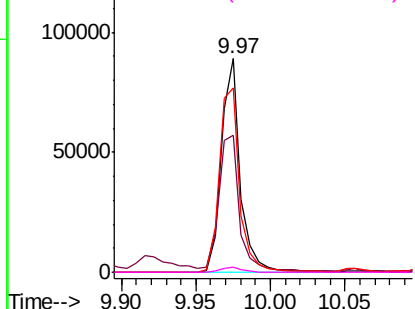
#57
 2,4-Dinitrotoluene
 Concen: 41.325 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. 0.00 min
 Lab File: BF117483.D
 Acq: 23 Oct 2019 15:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 79608
 Ion Ratio Lower Upper
 165 100
 63 64.2 51.4 77.0
 89 86.0 69.9 104.9
 182 2.3 1.9 2.9

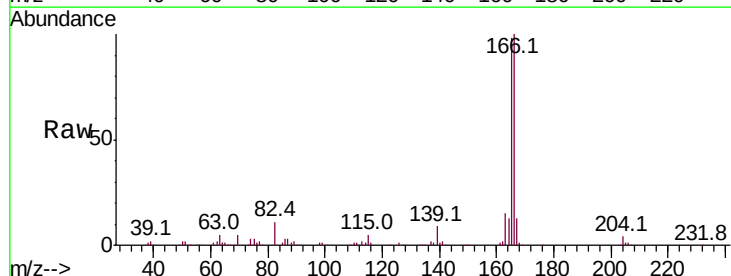


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

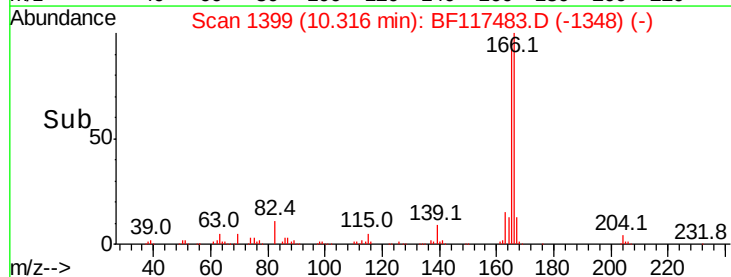
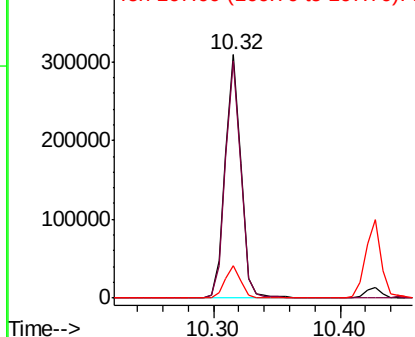


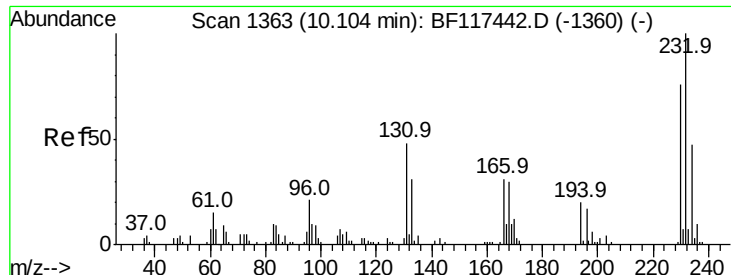
#58
 Fluorene
 Concen: 40.829 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.00 min
 Lab File: BF117483.D
 Acq: 23 Oct 2019 15:10

Tgt Ion:166 Resp: 268009
 Ion Ratio Lower Upper
 166 100
 165 97.6 77.6 116.4
 167 13.5 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

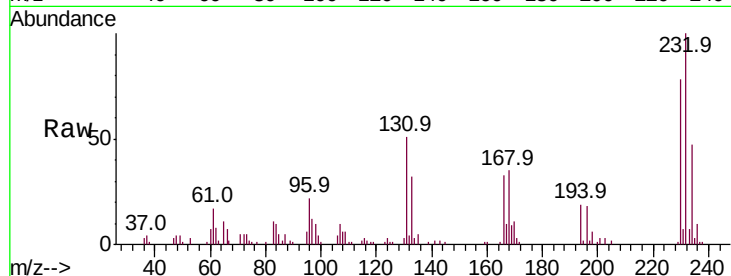




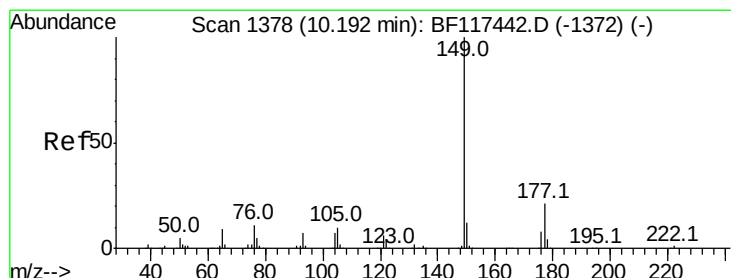
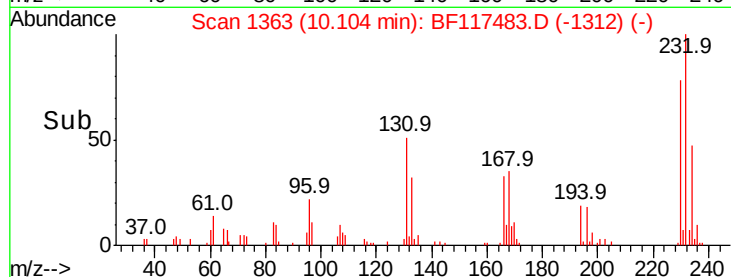
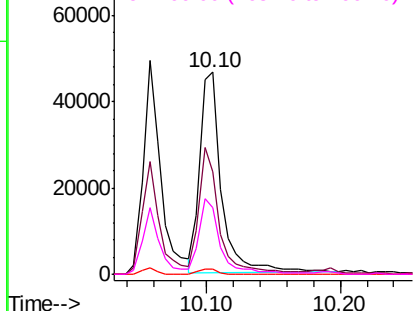
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.843 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: BF117483.D
 Acq: 23 Oct 2019 15:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	56.7	42.6	63.8
130	2.3	2.2	3.4
166	34.5	27.5	41.3

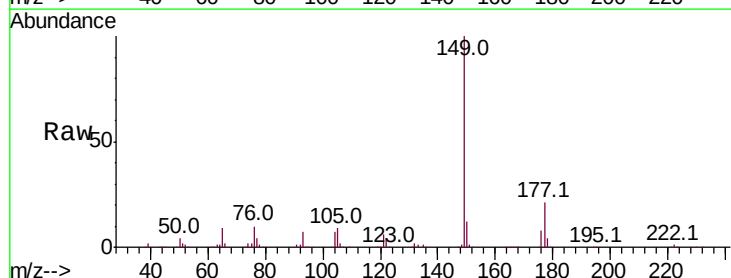


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

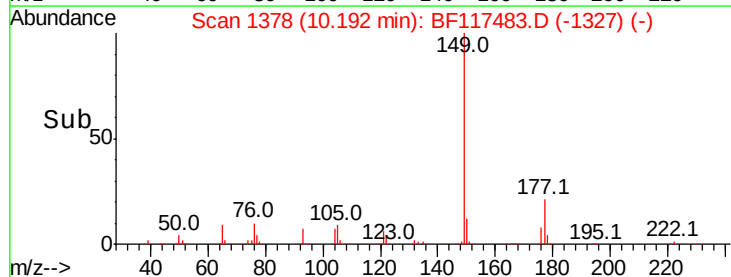
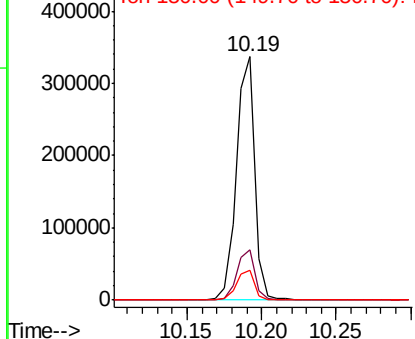


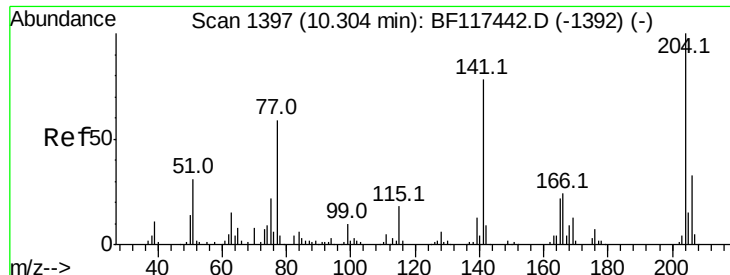
#60
 Diethylphthalate
 Concen: 41.401 ng
 RT: 10.19 min Scan# 1378
 Delta R.T. 0.00 min
 Lab File: BF117483.D
 Acq: 23 Oct 2019 15:10

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.9	17.0	25.4
150	12.2	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

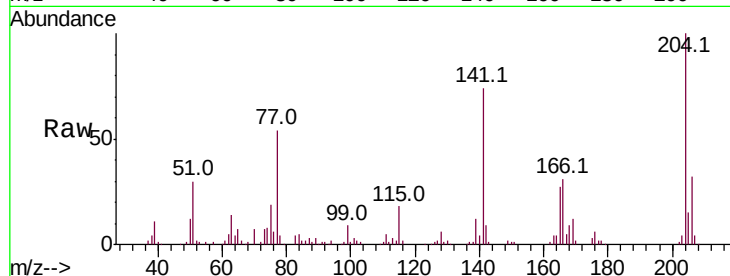




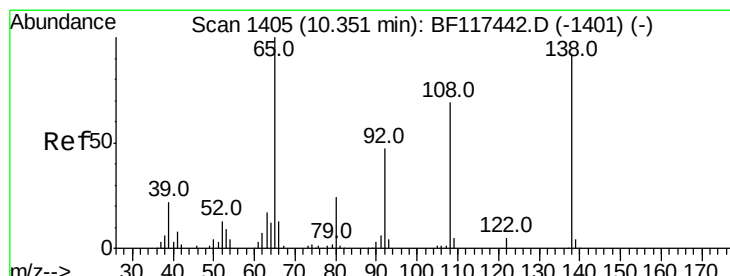
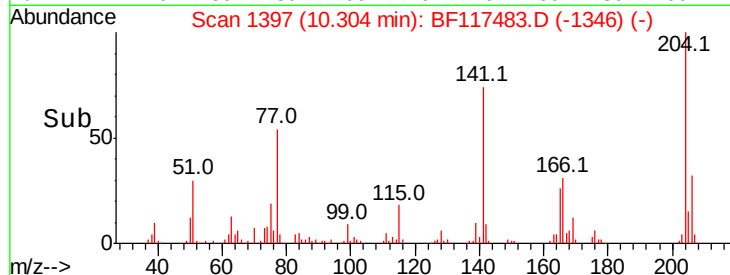
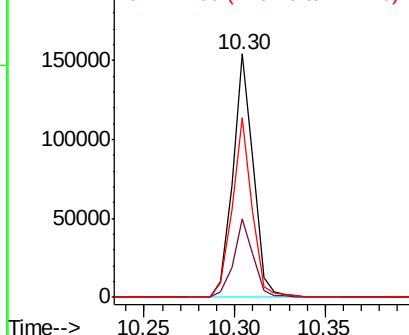
#61
4-Chlorophenyl-phenylether
Concen: 41.440 ng
RT: 10.30 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 122042
Ion Ratio Lower Upper
204 100
206 32.4 26.3 39.5
141 73.6 62.2 93.4

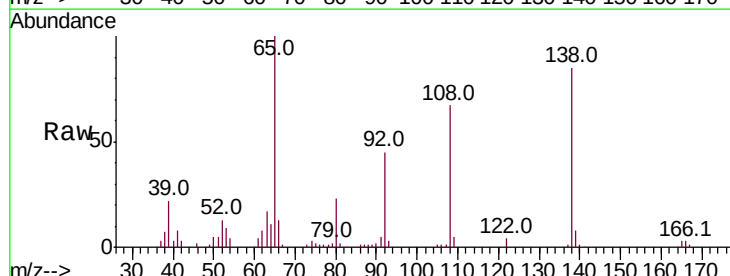


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

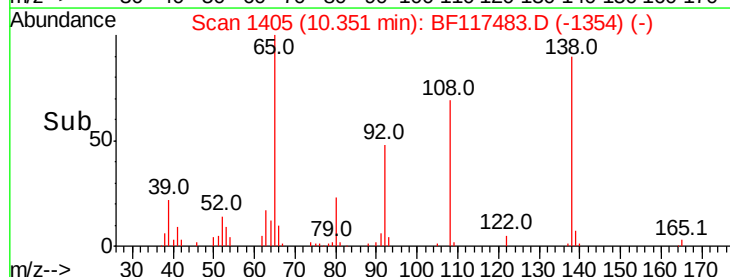
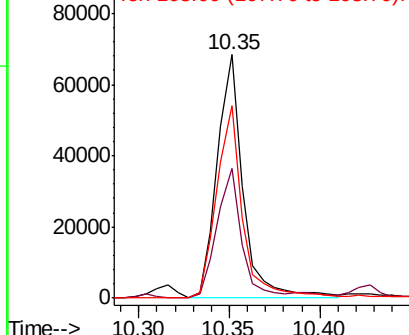


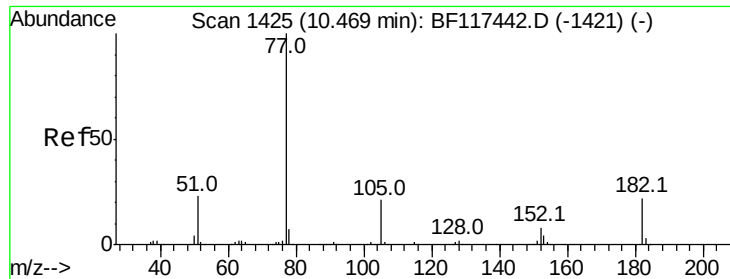
#62
4-Nitroaniline
Concen: 41.297 ng
RT: 10.35 min Scan# 1405
Delta R.T. 0.00 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

Tgt Ion:138 Resp: 68432
Ion Ratio Lower Upper
138 100
92 53.1 30.3 70.3
108 78.9 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

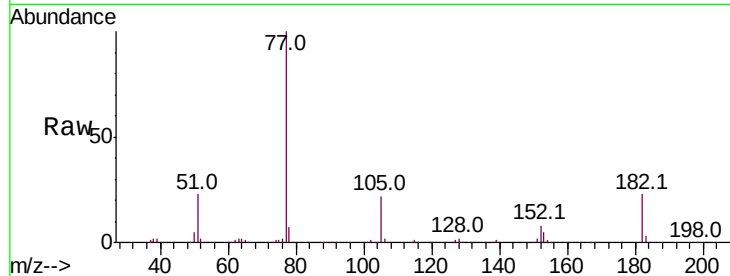




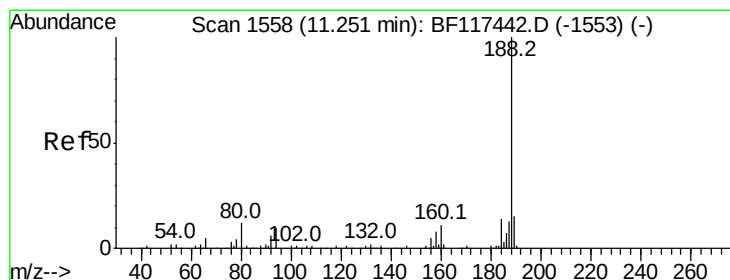
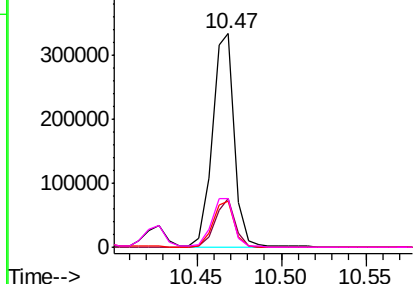
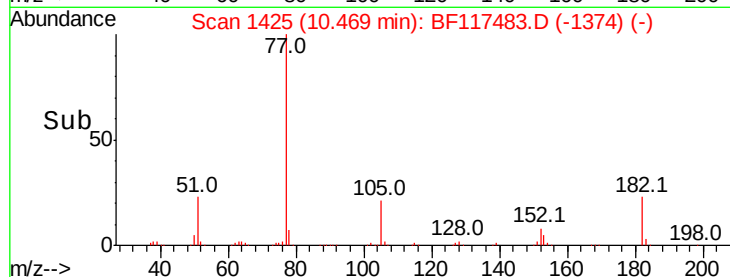
#63
Azobenzene
Concen: 41.919 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
77	100		
182	23.0	2.3	42.3
105	21.5	1.3	41.3
51	22.8	3.5	43.5

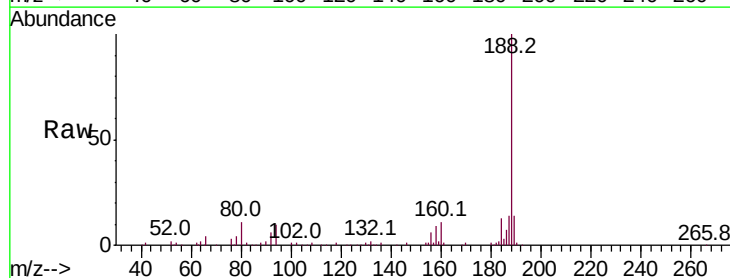


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

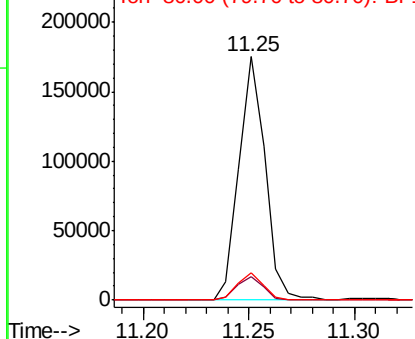
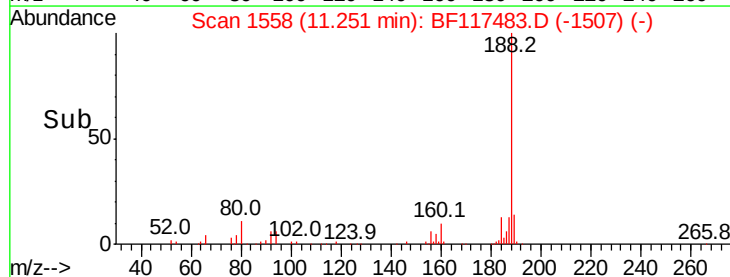


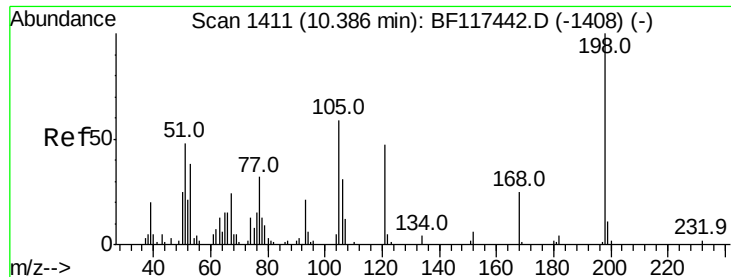
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.0	12.0
80	11.0	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

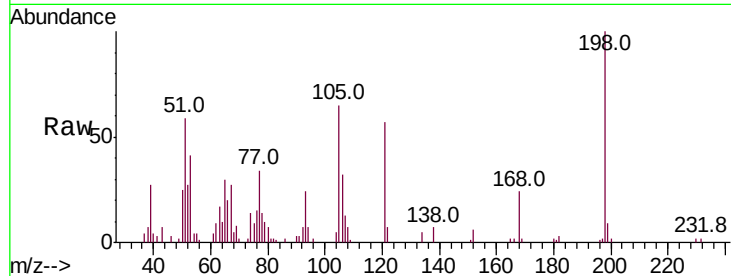




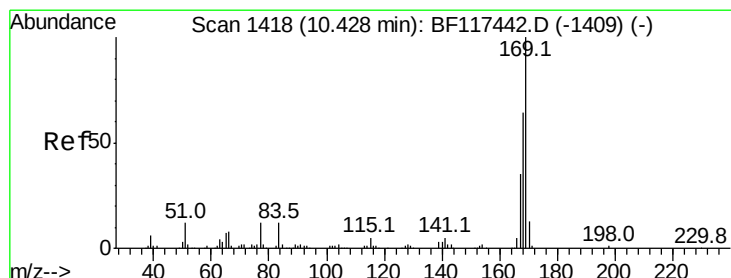
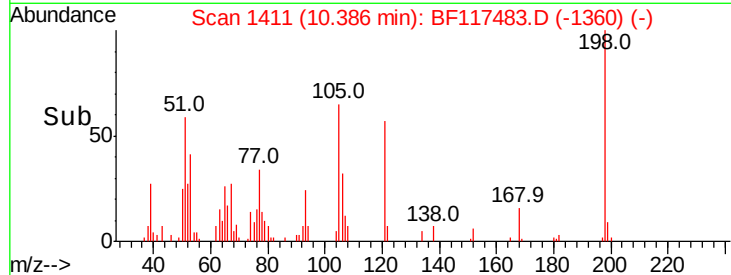
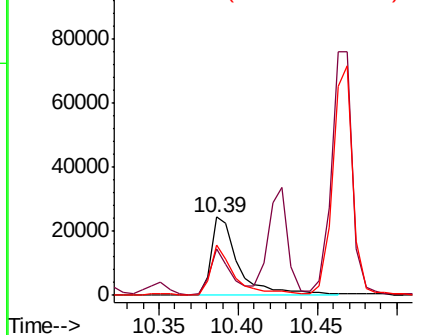
#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.678 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: BF117483.D
 Acq: 23 Oct 2019 15:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 29607
 Ion Ratio Lower Upper
 198 100
 51 59.4 29.1 69.1
 105 65.0 39.4 79.4

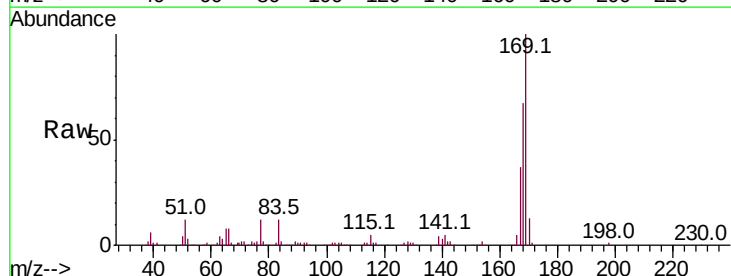


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

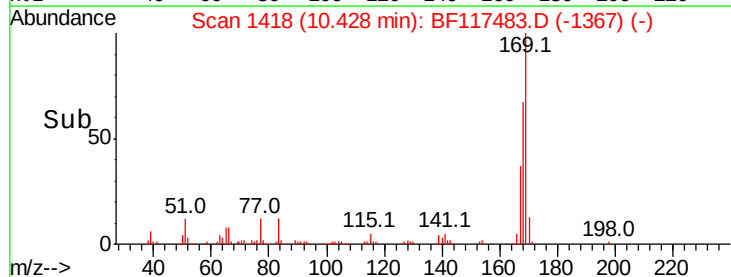
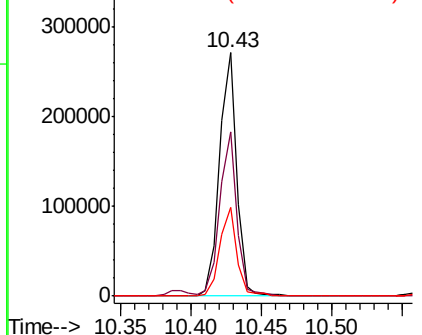


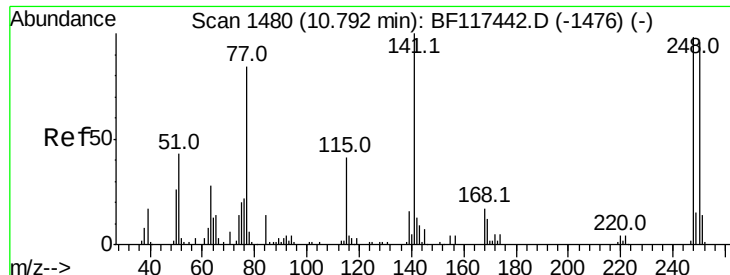
#66
 n-Nitrosodiphenylamine
 Concen: 41.923 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. 0.00 min
 Lab File: BF117483.D
 Acq: 23 Oct 2019 15:10

Tgt Ion:169 Resp: 230748
 Ion Ratio Lower Upper
 169 100
 168 67.4 51.3 76.9
 167 36.6 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

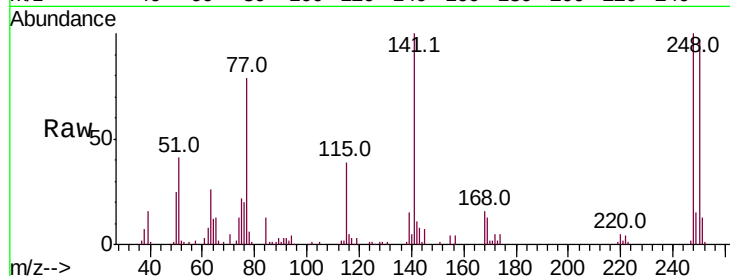




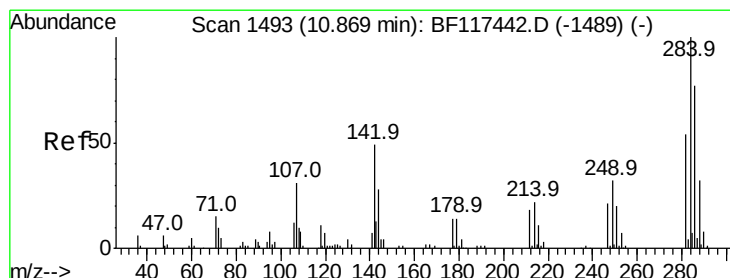
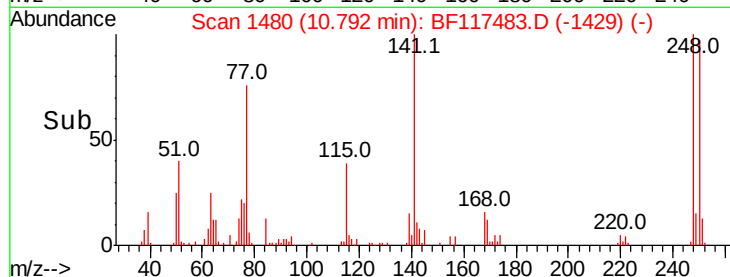
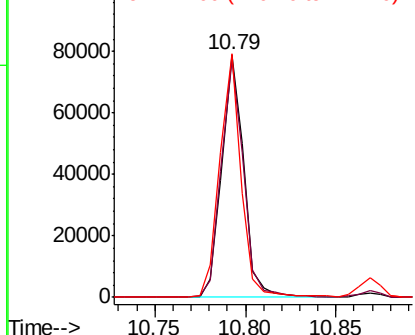
#67
 4-Bromophenyl-phenylether
 Concen: 41.008 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: BF117483.D
 Acq: 23 Oct 2019 15:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 66502
 Ion Ratio Lower Upper
 248 100
 250 97.7 78.0 117.0
 141 100.4 81.7 122.5

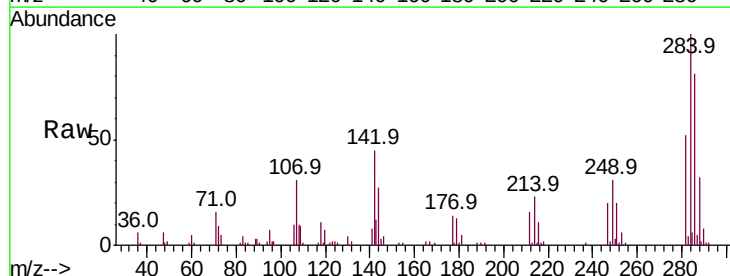


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

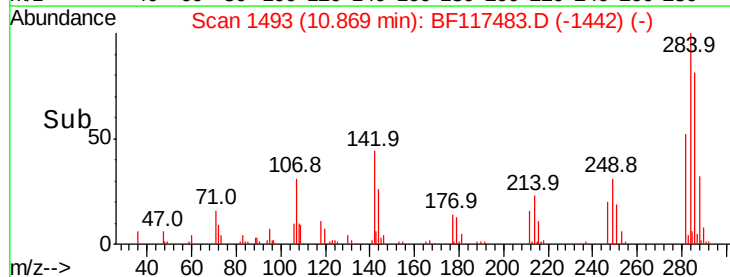
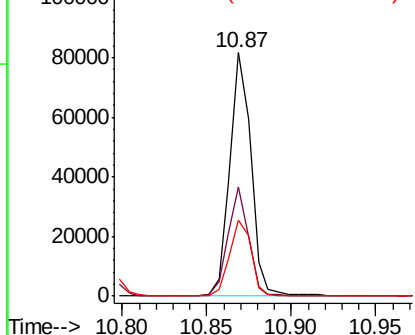


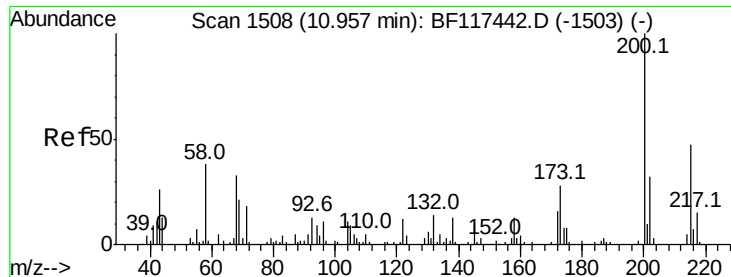
#68
 Hexachlorobenzene
 Concen: 40.891 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. 0.00 min
 Lab File: BF117483.D
 Acq: 23 Oct 2019 15:10

Tgt Ion:284 Resp: 71018
 Ion Ratio Lower Upper
 284 100
 142 44.9 39.0 58.6
 249 31.2 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

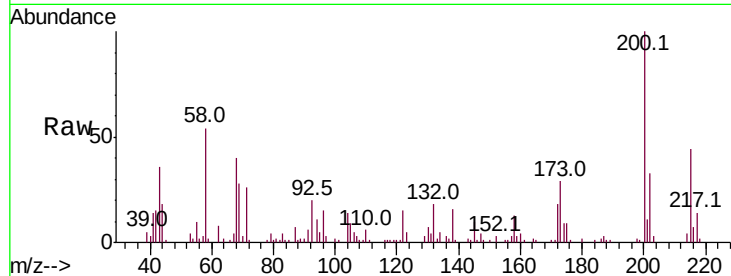




#69
 Atrazine
 Concen: 39.495 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF117483.D
 Acq: 23 Oct 2019 15:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.8	8.2	48.2
215	44.5	26.8	66.8

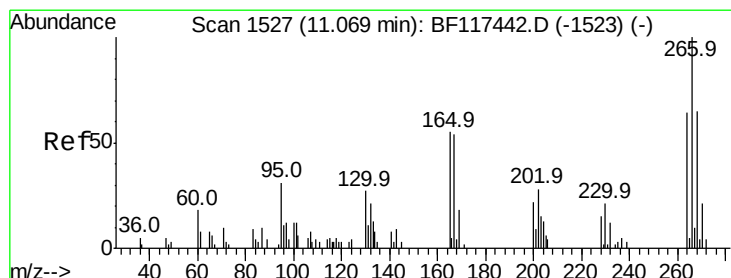
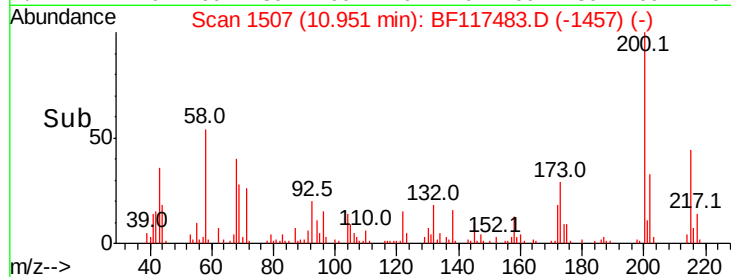
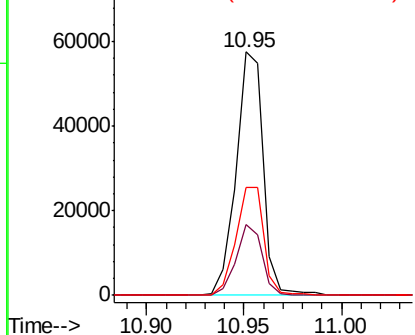


Abundance

Ion 200.00 (199.70 to 200.70): E

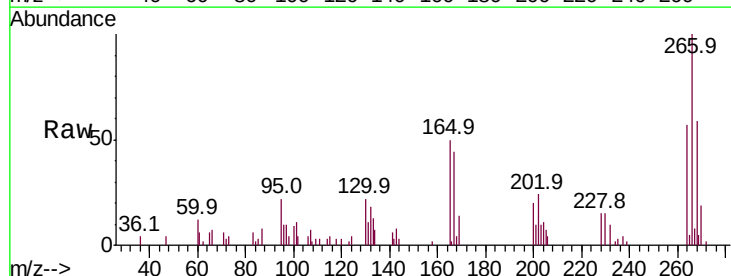
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 42.530 ng
 RT: 11.07 min Scan# 1528
 Delta R.T. 0.01 min
 Lab File: BF117483.D
 Acq: 23 Oct 2019 15:10

Tgt Ion	Ratio	Lower	Upper
266	100		
268	58.7	51.6	77.4
264	56.6	51.4	77.2

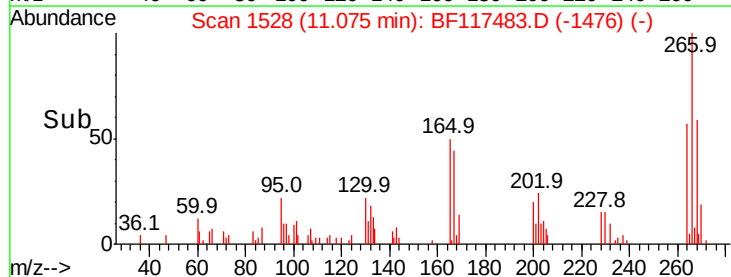
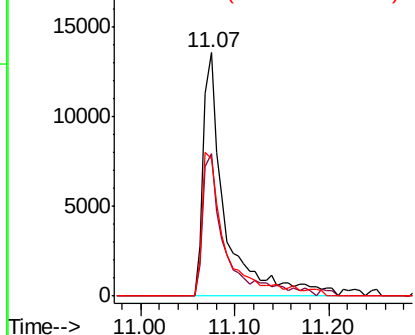


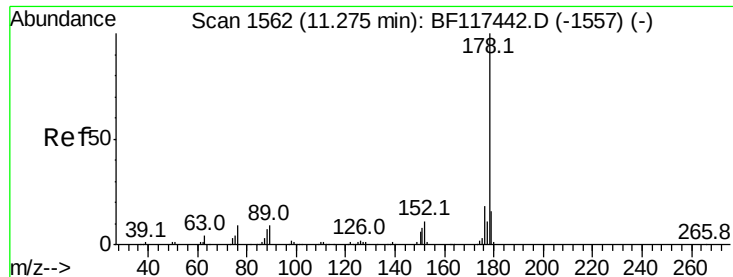
Abundance

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: 41.429 ng

RT: 11.27 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BF117483.D

Acq: 23 Oct 2019 15:10

Instrument :

BNA_F

ClientSampled :

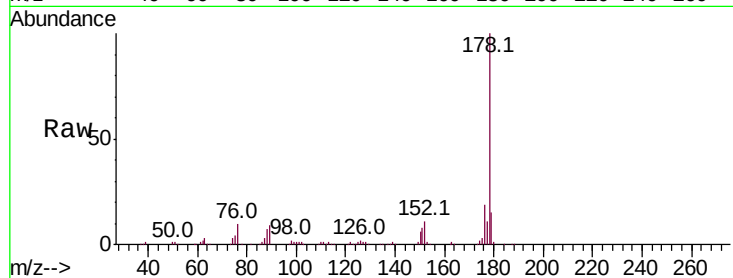
Tot Ion:178 Resp: 362193

Ion Ratio Lower Upper

178 100

176 18.9 14.6 22.0

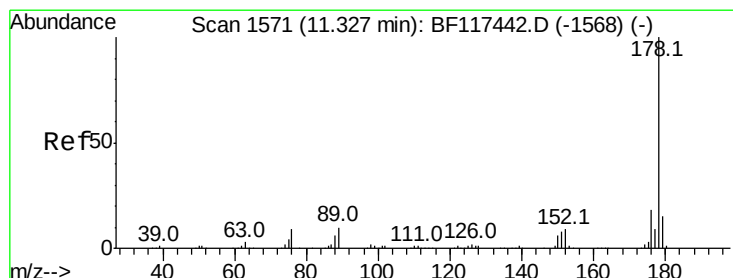
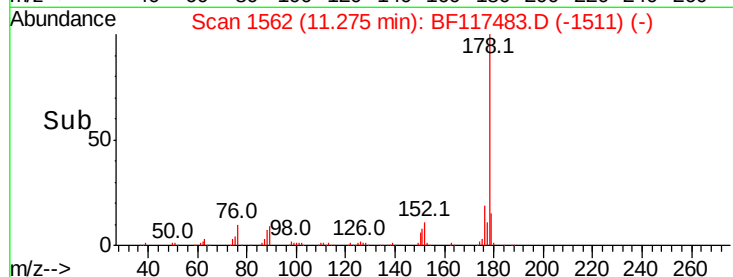
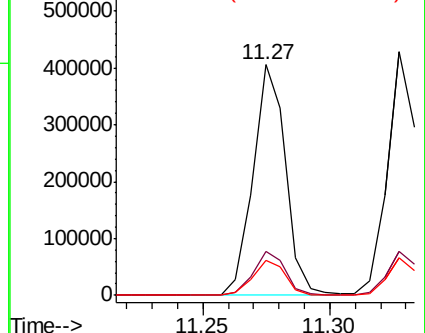
179 15.5 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.603 ng

RT: 11.33 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BF117483.D

Acq: 23 Oct 2019 15:10

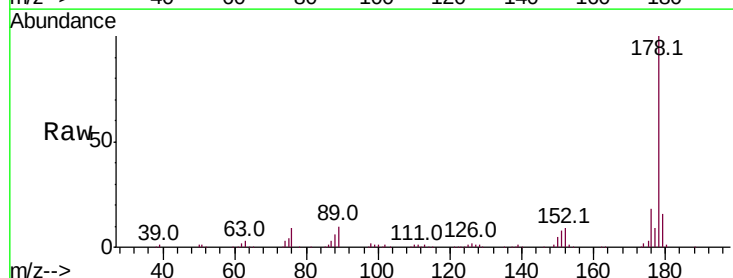
Tgt Ion:178 Resp: 373188

Ion Ratio Lower Upper

178 100

176 18.0 14.7 22.1

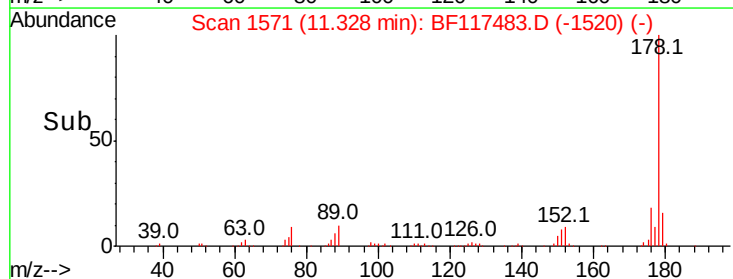
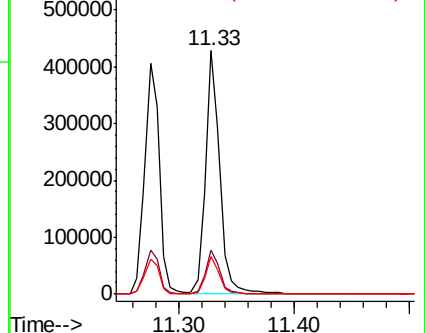
179 15.5 12.2 18.2

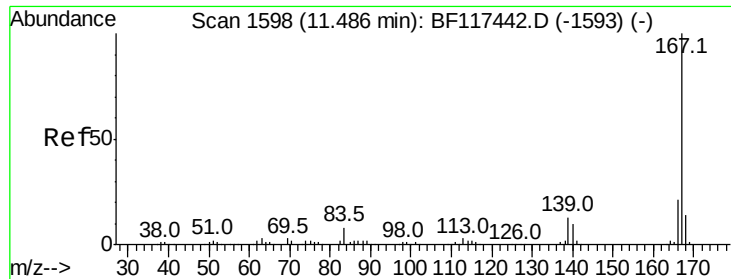


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

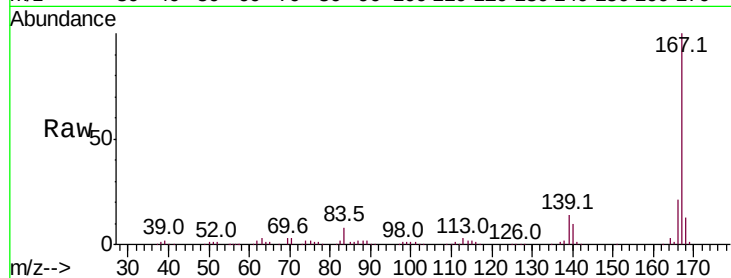




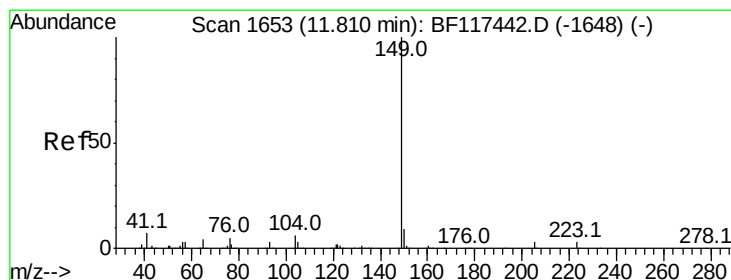
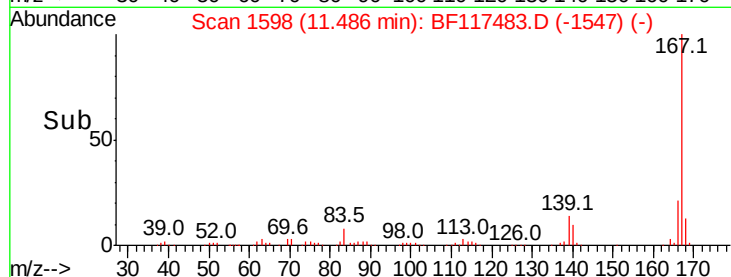
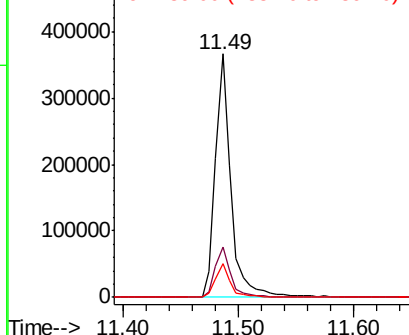
#73
 Carbazole
 Concen: 41.948 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BF117483.D
 Acq: 23 Oct 2019 15:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.0	25.6
139	13.8	10.6	16.0

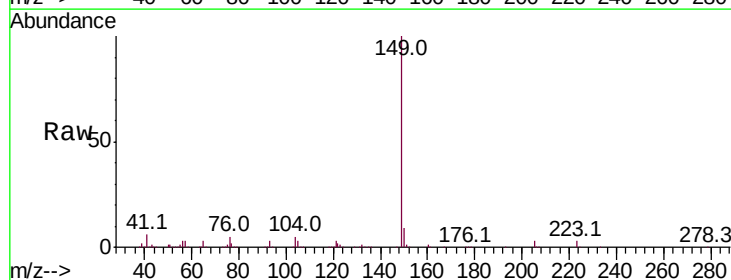


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

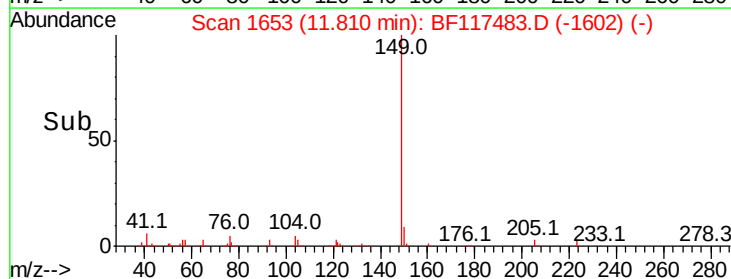
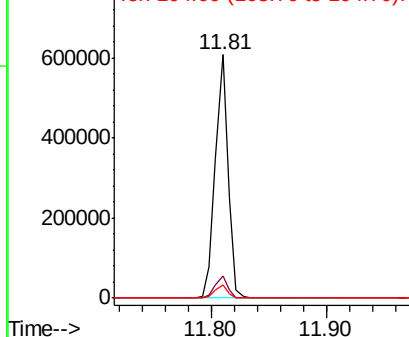


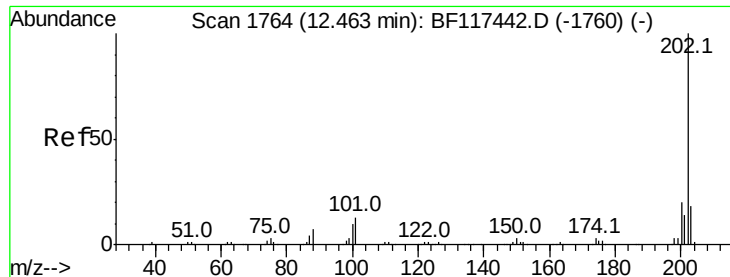
#74
 Di-n-butylphthalate
 Concen: 42.751 ng
 RT: 11.81 min Scan# 1653
 Delta R.T. 0.00 min
 Lab File: BF117483.D
 Acq: 23 Oct 2019 15:10

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.5	11.3
104	5.3	4.6	6.8



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

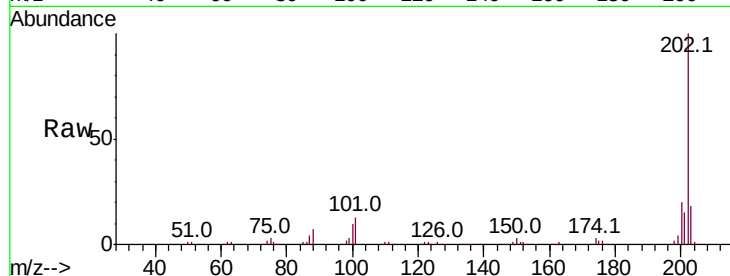




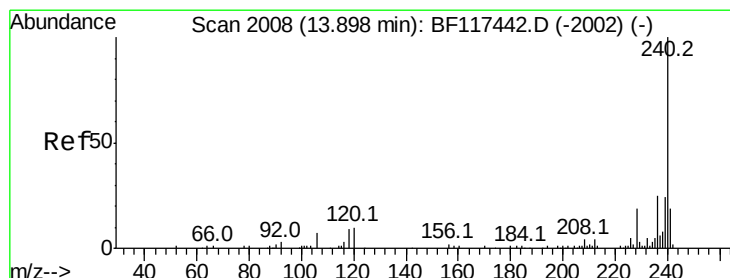
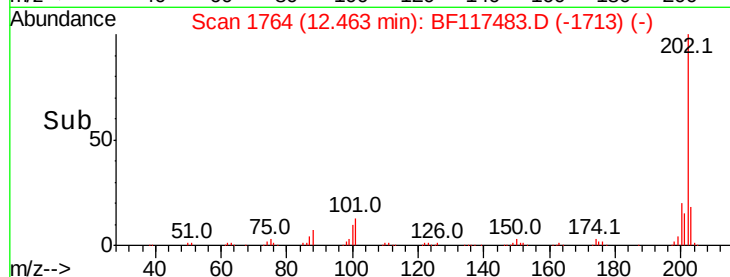
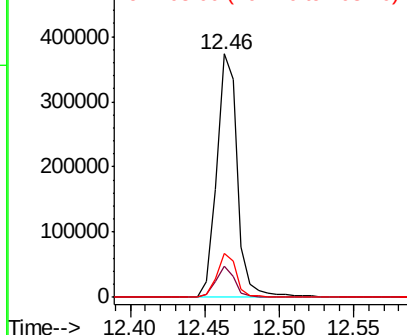
#75
 Fluoranthene
 Concen: 41.594 ng
 RT: 12.46 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: BF117483.D
 Acq: 23 Oct 2019 15:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 364022
 Ion Ratio Lower Upper
 202 100
 101 12.9 0.0 32.7
 203 18.2 0.0 37.6

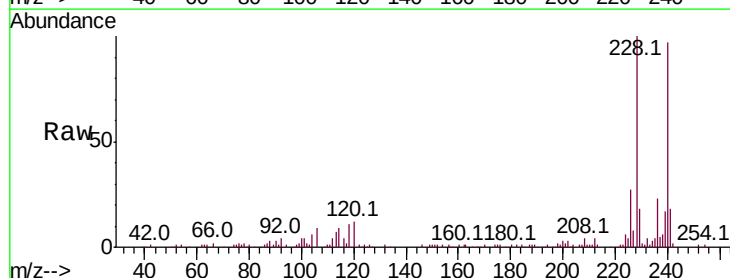


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

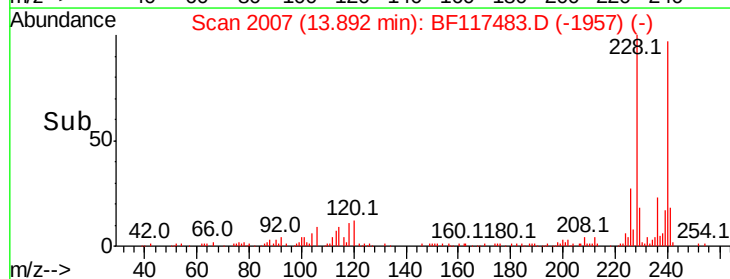
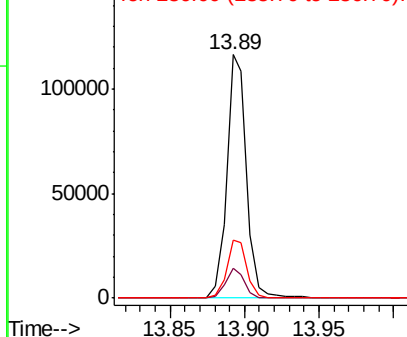


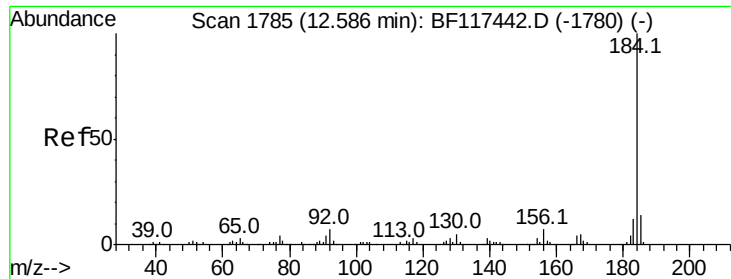
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF117483.D
 Acq: 23 Oct 2019 15:10

Tgt Ion:240 Resp: 108308
 Ion Ratio Lower Upper
 240 100
 120 12.5 8.4 12.6
 236 23.8 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

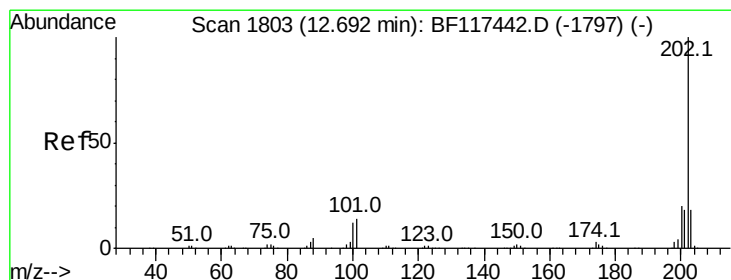
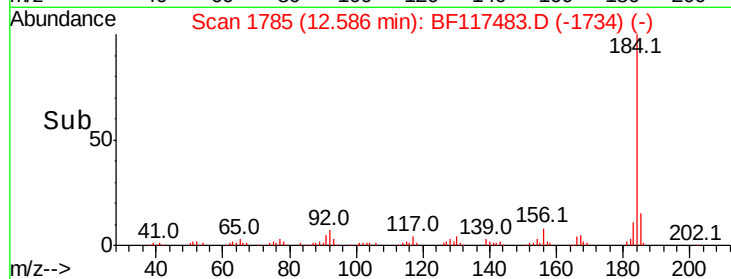
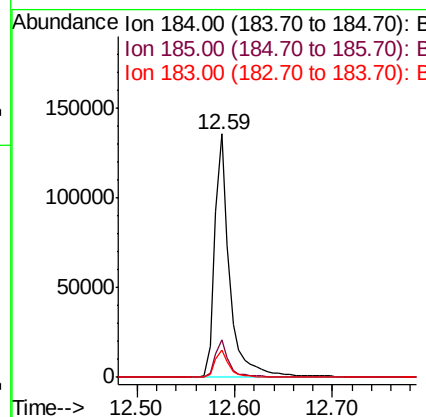
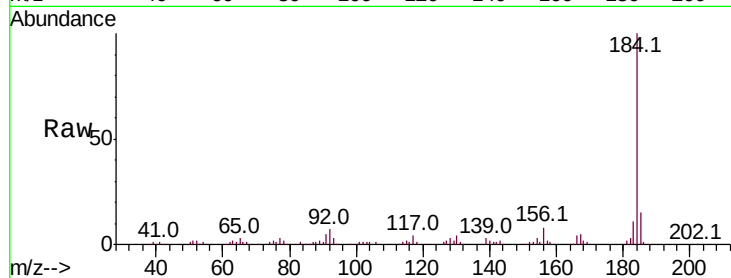




#77
Benzidine
Concen: 50.973 ng
RT: 12.59 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

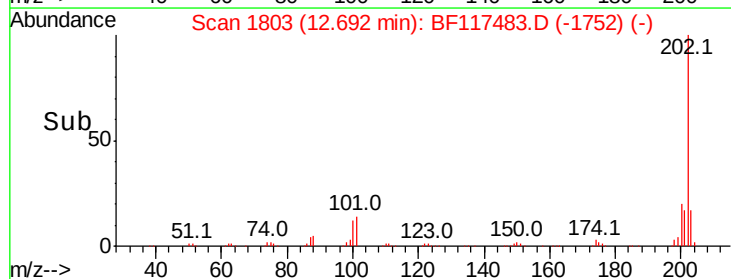
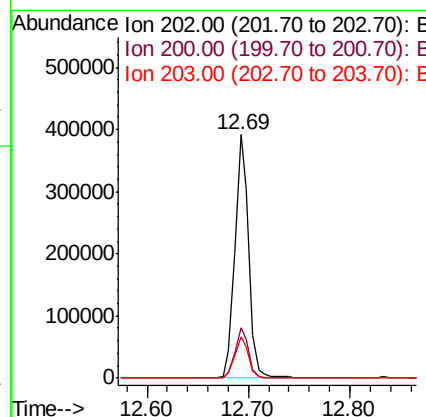
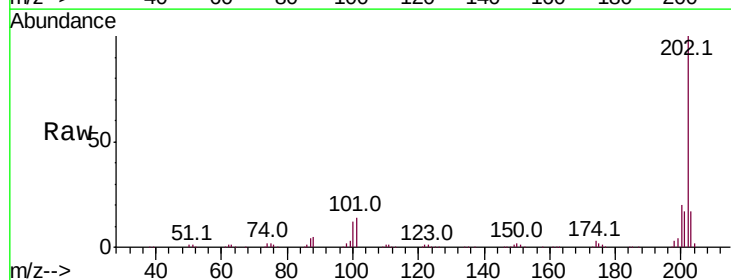
Instrument :
BNA_F
ClientSampleId :

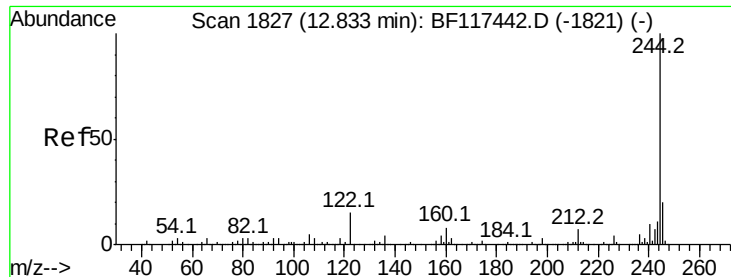
Tot Ion:184 Resp: 144803
Ion Ratio Lower Upper
184 100
185 15.4 11.4 17.0
183 11.4 9.6 14.4



#78
Pyrene
Concen: 39.823 ng
RT: 12.69 min Scan# 1803
Delta R.T. 0.00 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

Tgt Ion:202 Resp: 370475
Ion Ratio Lower Upper
202 100
200 20.4 16.2 24.2
203 16.9 14.0 21.0





#79

Terphenyl-d14

Concen: 79.459 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF117483.D

Acq: 23 Oct 2019 15:10

Instrument :

BNA_F

ClientSampleId :

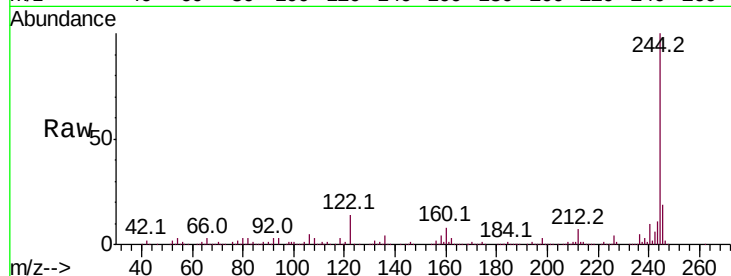
Tot Ion:244 Resp: 527619

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

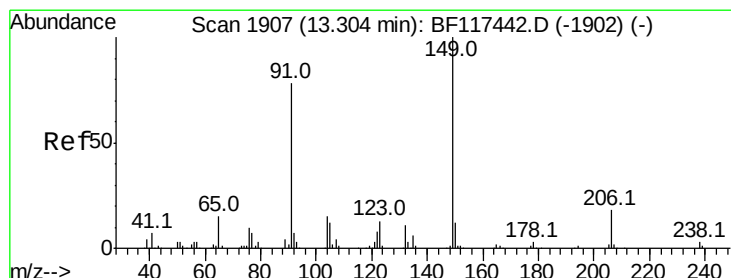
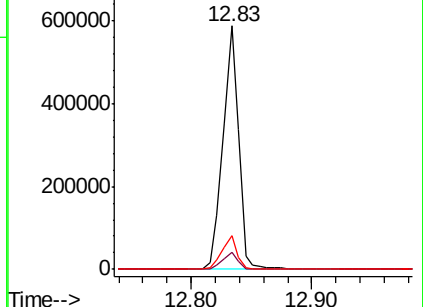
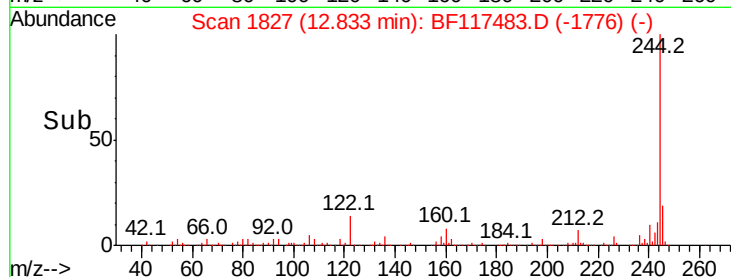
122 13.6 11.8 17.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.226 ng

RT: 13.30 min Scan# 1907

Delta R.T. 0.00 min

Lab File: BF117483.D

Acq: 23 Oct 2019 15:10

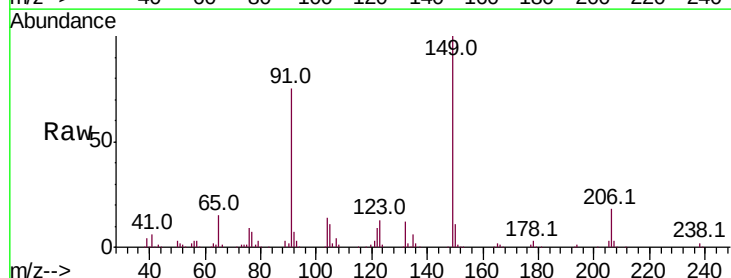
Tgt Ion:149 Resp: 190853

Ion Ratio Lower Upper

149 100

91 75.4 62.1 93.1

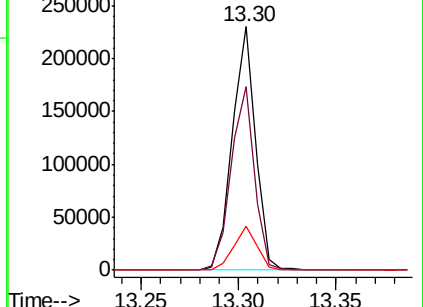
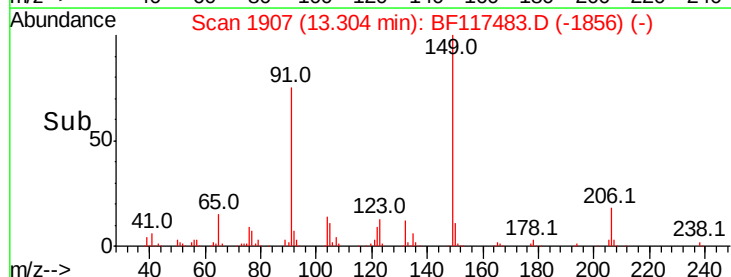
206 18.1 14.3 21.5

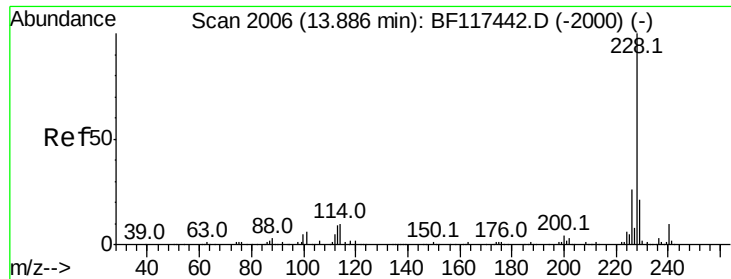


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

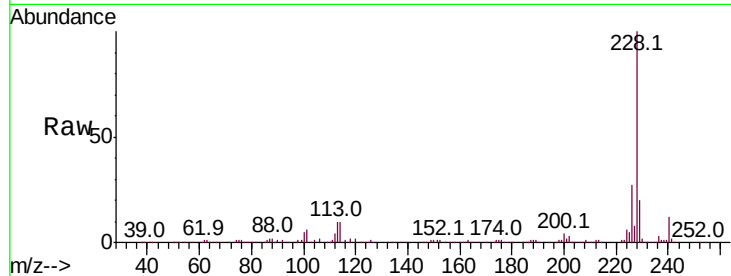




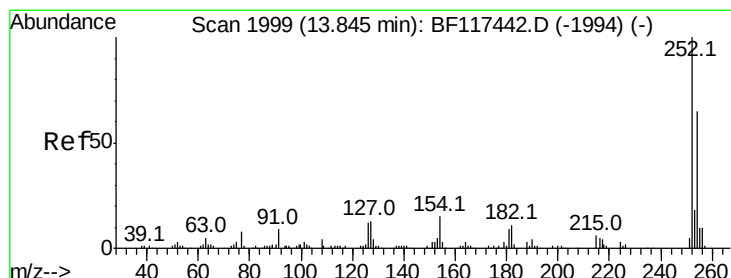
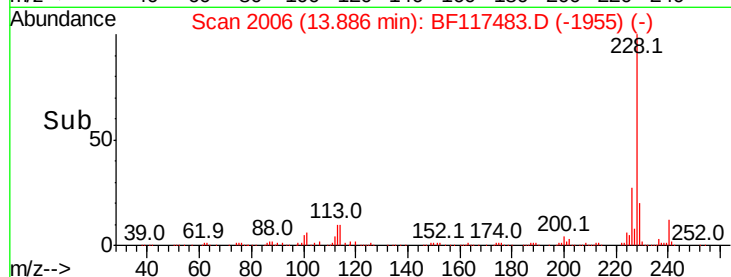
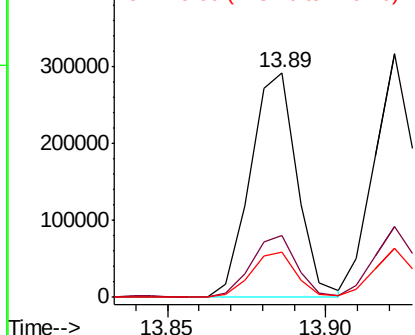
#81
Benzo(a)anthracene
Concen: 40.957 ng
RT: 13.89 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 299224
Ion Ratio Lower Upper
228 100
226 27.5 21.0 31.4
229 19.9 16.4 24.6

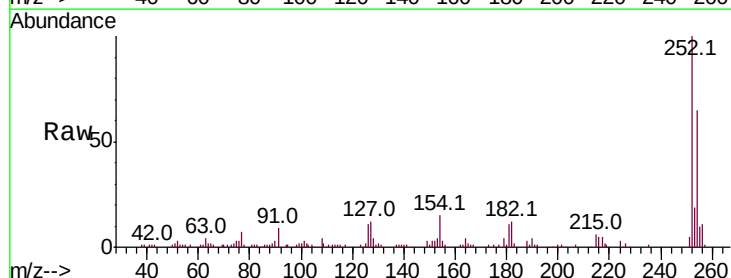


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

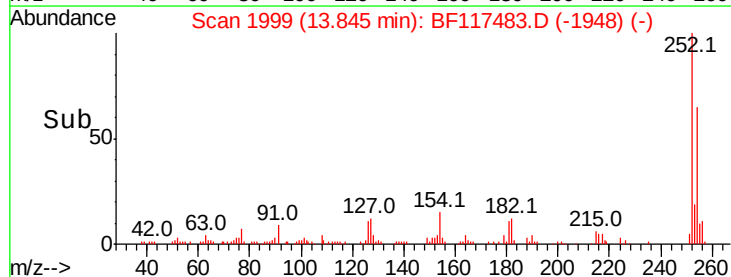
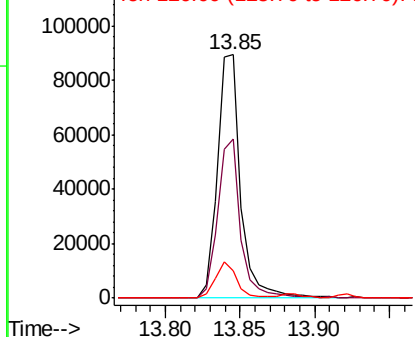


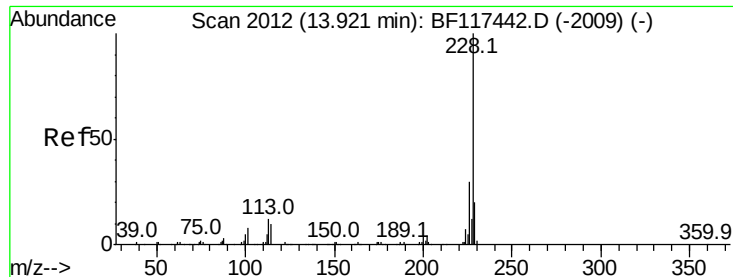
#82
3,3'-Dichlorobenzidine
Concen: 42.968 ng
RT: 13.85 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

Tgt Ion:252 Resp: 98504
Ion Ratio Lower Upper
252 100
254 65.3 52.2 78.4
126 11.5 9.2 13.8



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

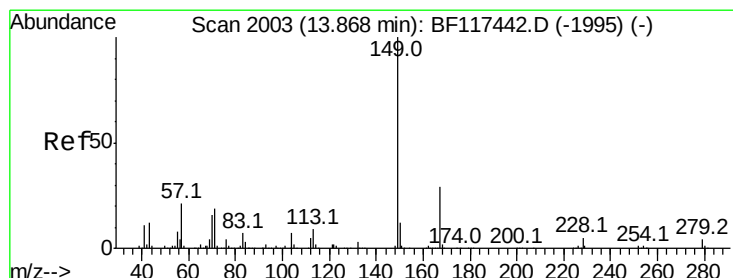
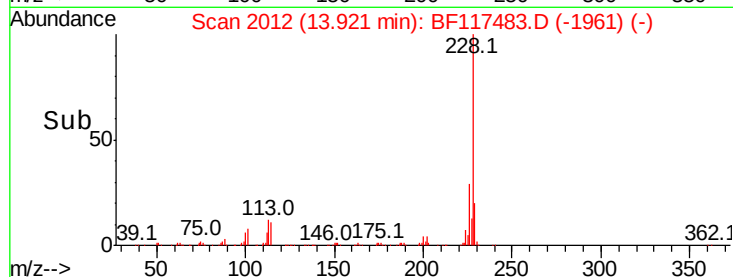
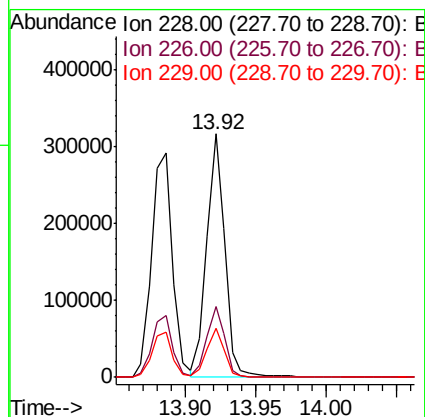
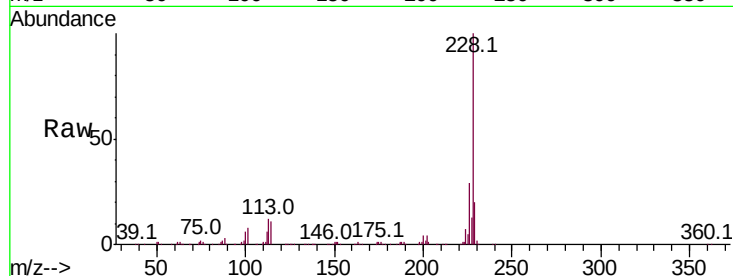




#83
Chrysene
Concen: 39.416 ng
RT: 13.92 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

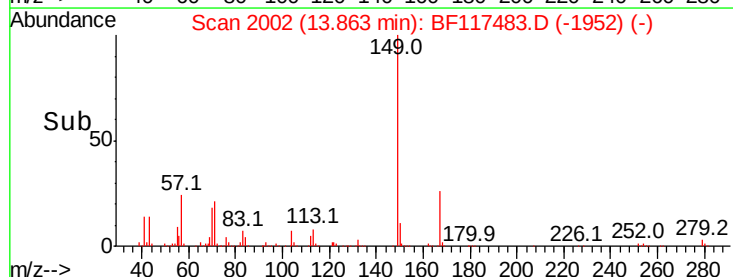
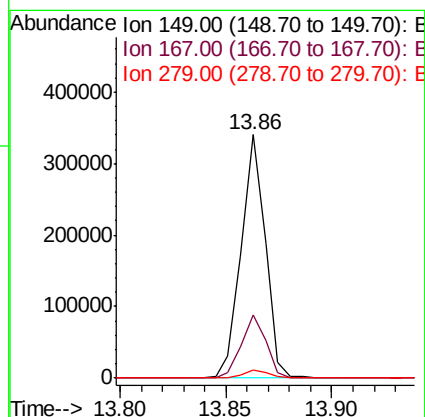
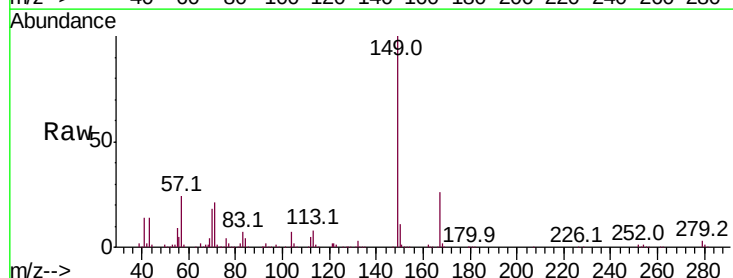
Instrument :
BNA_F
ClientSampleId :

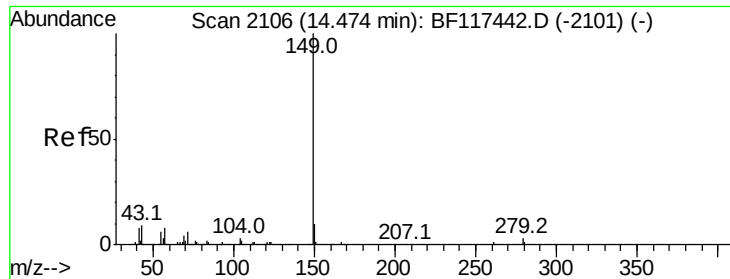
Tot Ion:228 Resp: 282227
Ion Ratio Lower Upper
228 100
226 29.2 23.9 35.9
229 20.1 15.8 23.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 41.491 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

Tgt Ion:149 Resp: 269065
Ion Ratio Lower Upper
149 100
167 26.2 23.3 34.9
279 3.2 3.2 4.8

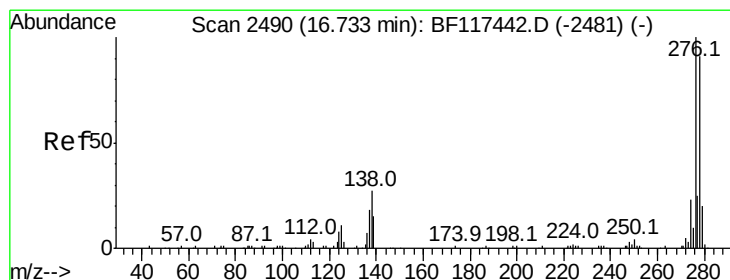
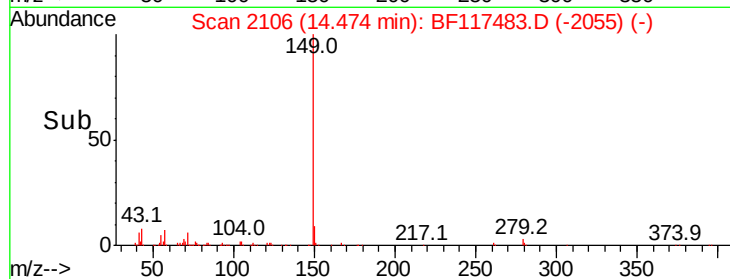
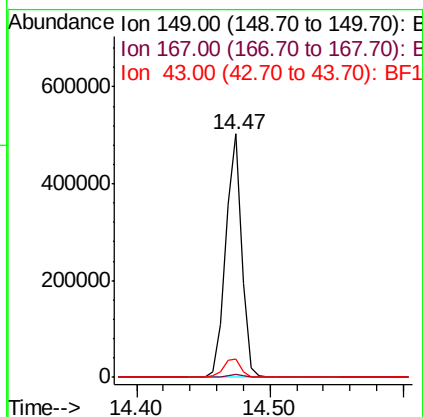
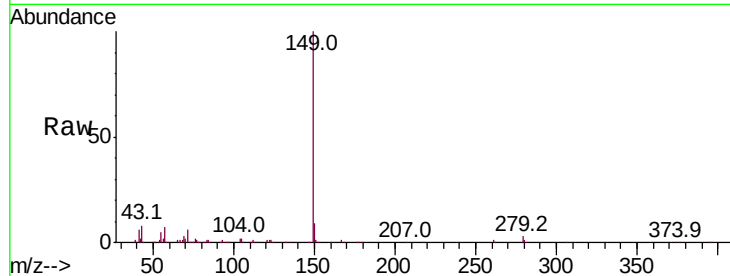




#85
Di-n-octyl phthalate
Concen: 42.715 ng
RT: 14.47 min Scan# 2106
Delta R.T. 0.00 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

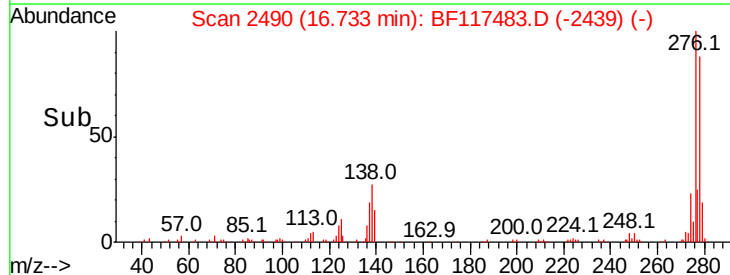
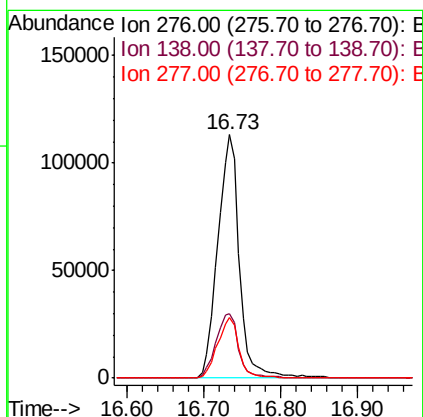
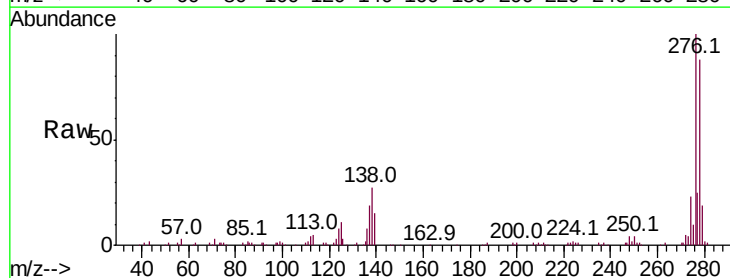
Instrument :
BNA_F
ClientSampleId :

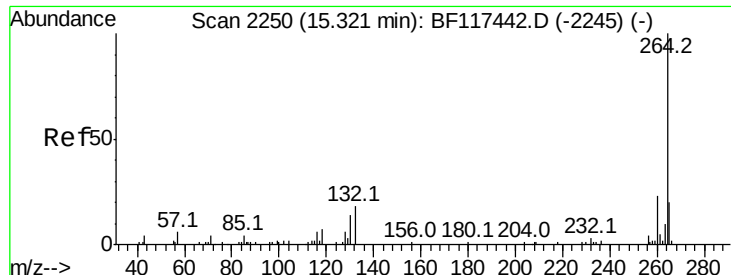
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.2	1.8
43	8.4	6.8	10.2



#86
Indeno(1,2,3-cd)pyrene
Concen: 41.051 ng
RT: 16.73 min Scan# 2490
Delta R.T. 0.00 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.8	21.8	32.8
277	24.6	20.0	30.0



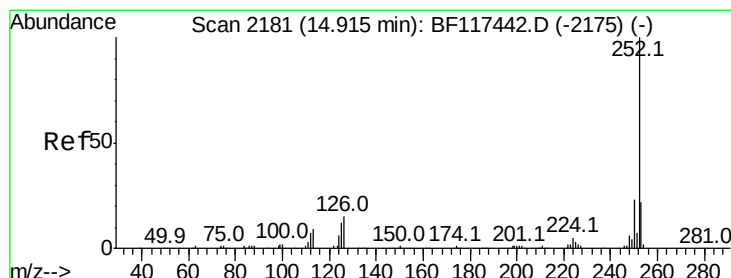
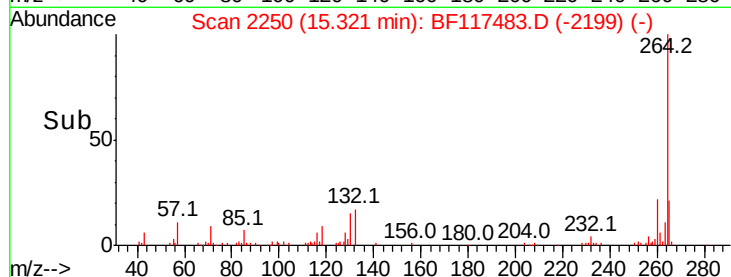
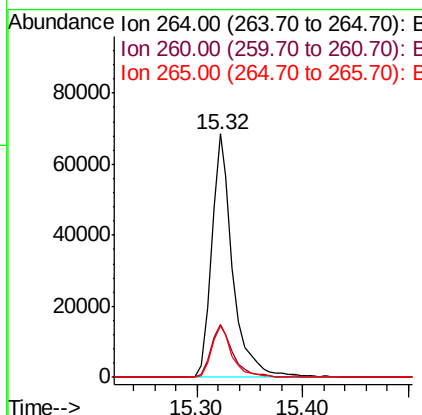
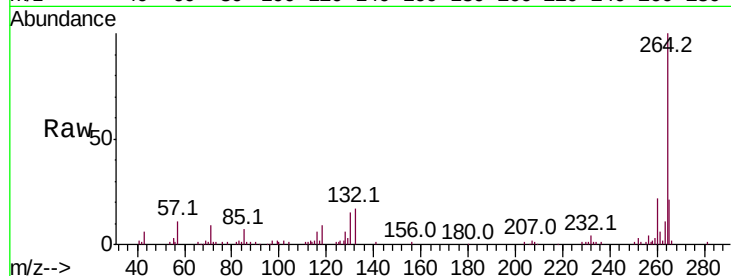


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. 0.00 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 95552

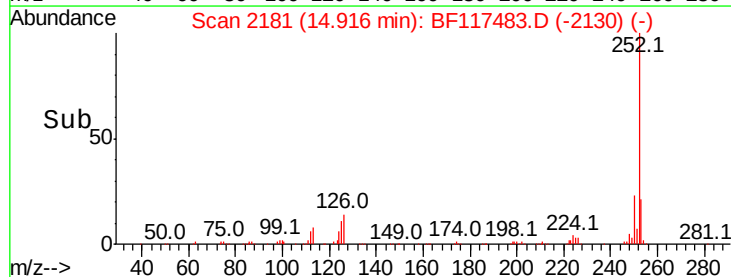
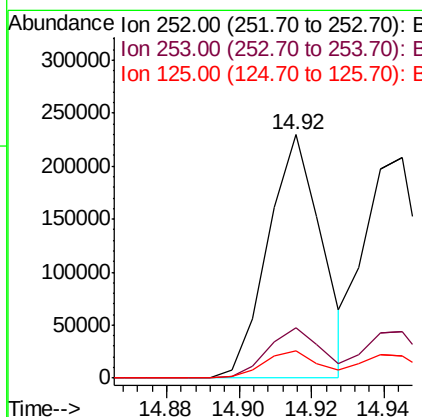
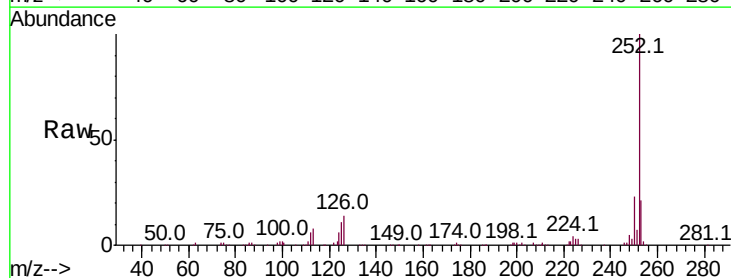
Ion	Ratio	Lower	Upper
264	100		
260	21.8	18.4	27.6
265	21.4	16.1	24.1

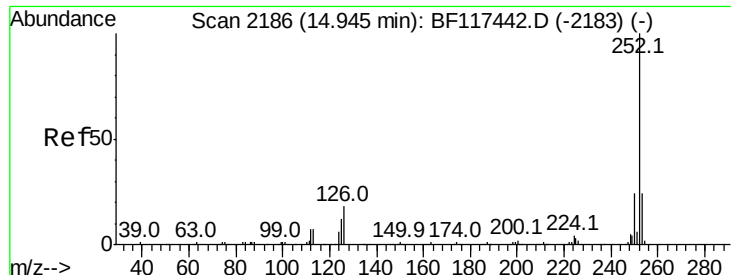


#88
Benzo(b)fluoranthene
Concen: 41.983 ng
RT: 14.92 min Scan# 2181
Delta R.T. 0.00 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

Tgt Ion:252 Resp: 236890

Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.8	26.6
125	11.4	9.9	14.9





#89

Benzo(k)fluoranthene

Concen: 41.715 ng

RT: 14.94 min Scan# 2186

Delta R.T. 0.00 min

Lab File: BF117483.D

Acq: 23 Oct 2019 15:10

Instrument :

BNA_F

ClientSampleId :

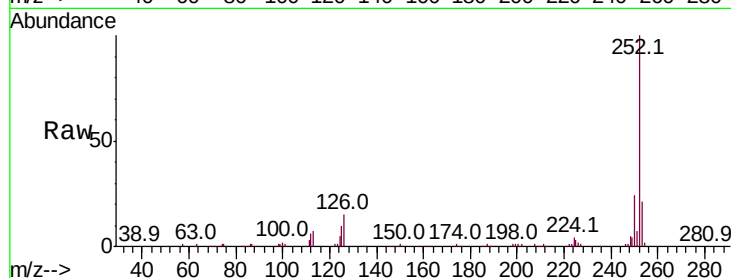
Tot Ion:252 Resp: 241247

Ion Ratio Lower Upper

252 100

253 21.0 18.0 27.0

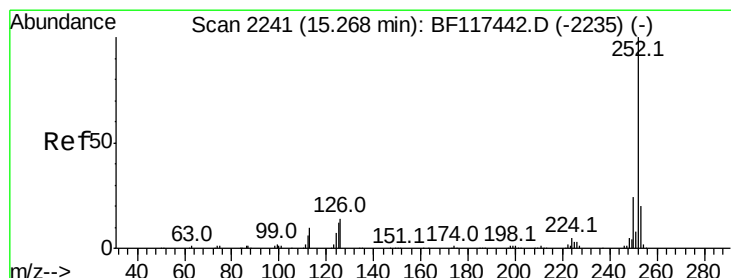
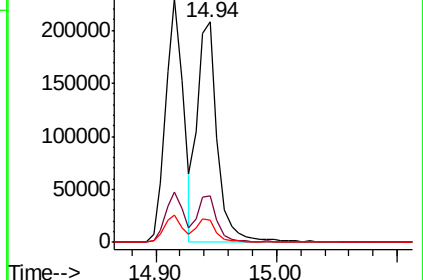
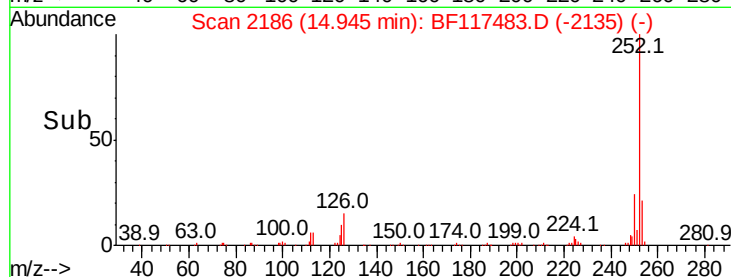
125 10.1 8.9 13.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 41.528 ng

RT: 15.27 min Scan# 2241

Delta R.T. 0.00 min

Lab File: BF117483.D

Acq: 23 Oct 2019 15:10

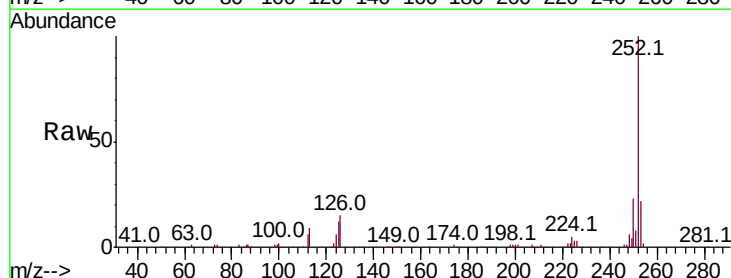
Tgt Ion:252 Resp: 213043

Ion Ratio Lower Upper

252 100

253 21.7 16.3 24.5

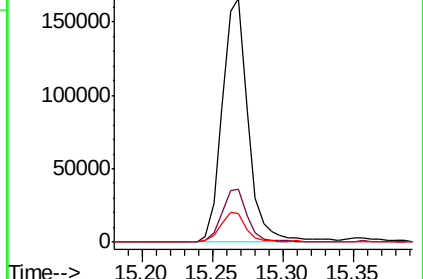
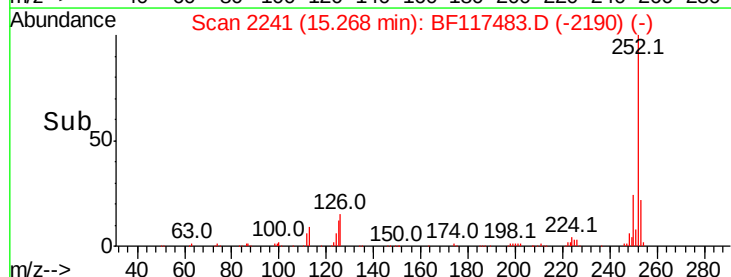
125 12.0 9.2 13.8

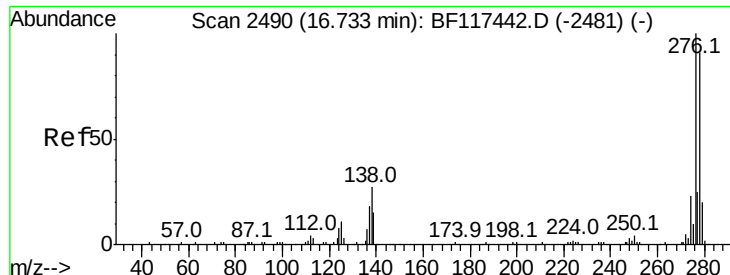


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 41.422 ng

RT: 16.73 min Scan# 2490

Delta R.T. 0.00 min

Lab File: BF117483.D

Acq: 23 Oct 2019 15:10

Instrument :

BNA_F

ClientSampled :

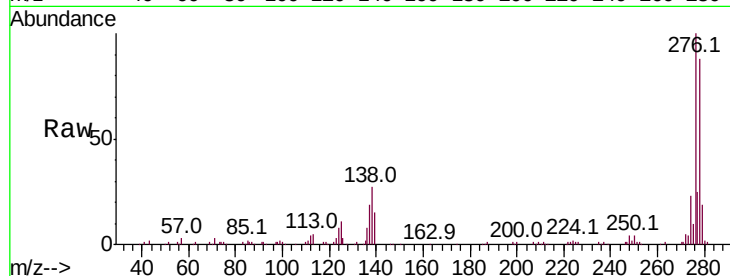
Tot Ion:278 Resp: 183745

Ion Ratio Lower Upper

278 100

139 17.5 13.4 20.0

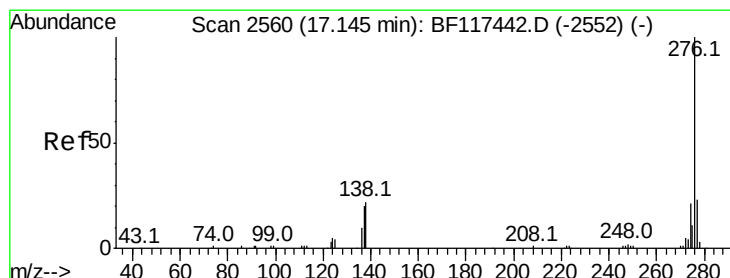
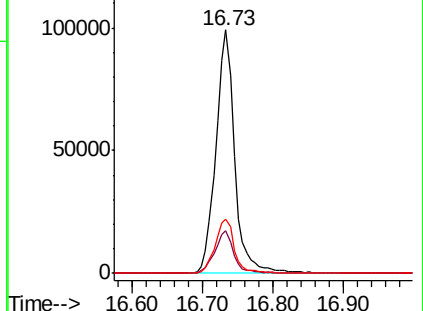
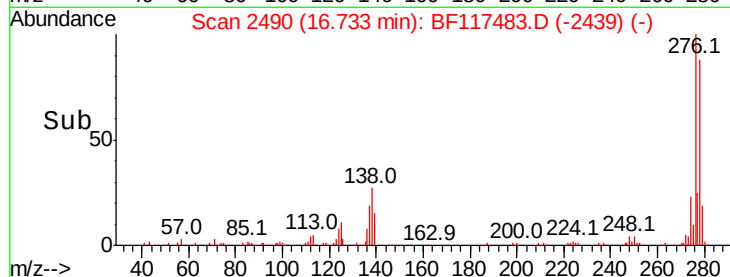
279 22.1 17.8 26.6



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: 41.076 ng

RT: 17.15 min Scan# 2561

Delta R.T. 0.01 min

Lab File: BF117483.D

Acq: 23 Oct 2019 15:10

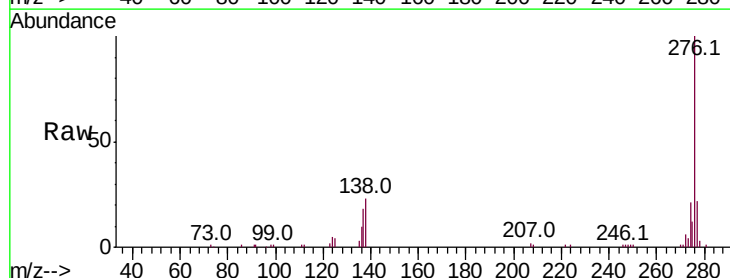
Tgt Ion:276 Resp: 172403

Ion Ratio Lower Upper

276 100

277 22.0 18.4 27.6

138 22.8 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

