

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
 Data File : BF117828.D
 Acq On : 18 Nov 2019 11:59
 Operator : JU
 Sample : PB124881BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 18 12:46:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	251530	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	1022043	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	544136	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	996479	20.00	ng	0.00
76) Chrysene-d12	14.12	240	642490	20.00	ng	0.00
87) Perylene-d12	15.62	264	493663	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	1668263	117.40	ng	0.01
7) Phenol-d6	6.55	99	2054004	119.84	ng	0.00
23) Nitrobenzene-d5	7.49	82	1106154	64.34	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	664731	115.39	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	2159065	71.19	ng	0.00
79) Terphenyl-d14	13.05	244	2206801	62.77	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.83	88	254439	38.306	ng	100
3) Pyridine	3.57	79	627847	36.034	ng	99
4) n-Nitrosodimethylamine	3.53	42	319861	42.055	ng	97
6) Aniline	6.58	93	670317	29.596	ng	99
8) 2-Chlorophenol	6.71	128	706579	45.825	ng	97
9) Benzaldehyde	6.47	77	349601	29.015	ng	99
10) Phenol	6.56	94	804995	45.198	ng	99
11) bis(2-Chloroethyl)ether	6.66	93	631398	44.146	ng	97
12) 1,3-Dichlorobenzene	6.86	146	766828	42.243	ng	99
13) 1,4-Dichlorobenzene	6.94	146	794192	43.283	ng	99
14) 1,2-Dichlorobenzene	7.09	146	752019	42.854	ng	99
15) Benzyl Alcohol	7.06	79	618568	46.746	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.20	45	902576	40.989	ng	99
17) 2-Methylphenol	7.17	107	595060	45.572	ng	99
18) Hexachloroethane	7.44	117	284587	42.220	ng	96
19) n-Nitroso-di-n-propylamine	7.33	70	465733	44.046	ng	99
20) 3+4-Methylphenols	7.32	107	727265	44.869	ng	# 85
22) Acetophenone	7.33	105	953085	41.507	ng	98
24) Nitrobenzene	7.50	77	751717	42.382	ng	100
25) Isophorone	7.75	82	1321763	41.945	ng	98
26) 2-Nitrophenol	7.82	139	400022	46.337	ng	98
27) 2,4-Dimethylphenol	7.85	122	666005	49.648	ng	99
28) bis(2-Chloroethoxy)methane	7.95	93	797395	39.877	ng	99
29) 2,4-Dichlorophenol	8.06	162	612115	42.067	ng	97
30) 1,2,4-Trichlorobenzene	8.15	180	682724	40.450	ng	99
31) Naphthalene	8.23	128	2065047	43.341	ng	100
32) Benzoic acid	7.97	122	511703	45.557	ng	97
33) 4-Chloroaniline	8.27	127	452257	21.202	ng	98
34) Hexachlorobutadiene	8.35	225	380252	38.533	ng	100
35) Caprolactam	8.65	113	114053	24.663	ng	99
36) 4-Chloro-3-methylphenol	8.76	107	637420	43.164	ng	99
37) 2-Methylnaphthalene	8.93	142	1397328	43.404	ng	99
38) 1-Methylnaphthalene	9.03	142	1321793	43.429	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.09	216	613357	38.815	ng	99

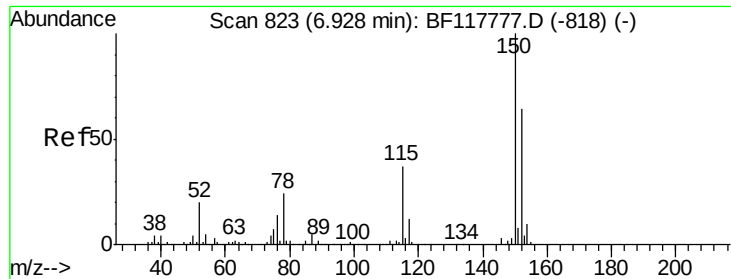
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
 Data File : BF117828.D
 Acq On : 18 Nov 2019 11:59
 Operator : JU
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Quant Time: Nov 18 12:46:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.08	237	761414	85.981	ng	97
43) 2,4,6-Trichlorophenol	9.20	196	467974	41.346	ng	97
44) 2,4,5-Trichlorophenol	9.24	196	494402	42.071	ng	99
46) 1,1'-Biphenyl	9.39	154	1669657	41.359	ng	99
47) 2-Chloronaphthalene	9.42	162	1325293	39.906	ng	99
48) 2-Nitroaniline	9.51	65	404450	40.339	ng	94
49) Acenaphthylene	9.83	152	2048020	42.298	ng	100
50) Dimethylphthalate	9.69	163	1511934	39.624	ng	99
51) 2,6-Dinitrotoluene	9.75	165	353586	42.400	ng	94
52) Acenaphthene	10.01	154	1385071	44.655	ng	99
53) 3-Nitroaniline	9.92	138	264895	26.546	ng	95
54) 2,4-Dinitrophenol	10.03	184	347286	80.954	ng	94
55) Dibenzofuran	10.18	168	1790275	41.682	ng	100
56) 4-Nitrophenol	10.08	139	627013	84.181	ng	95
57) 2,4-Dinitrotoluene	10.16	165	465835	43.913	ng	98
58) Fluorene	10.53	166	1362094	40.924	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.30	232	401058	41.535	ng	99
60) Diethylphthalate	10.39	149	1480930	39.809	ng	100
61) 4-Chlorophenyl-phenylether	10.52	204	679762	40.244	ng	96
62) 4-Nitroaniline	10.54	138	350337	35.064	ng	100
63) Azobenzene	10.67	77	1382634	40.853	ng	98
65) 4,6-Dinitro-2-methylphenol	10.57	198	234043	50.311	ng	97
66) n-Nitrosodiphenylamine	10.63	169	1219857	42.063	ng	99
67) 4-Bromophenyl-phenylether	11.01	248	432327	40.209	ng	95
68) Hexachlorobenzene	11.07	284	498578	39.768	ng	97
69) Atrazine	11.16	200	417054	43.717	ng	99
70) Pentachlorophenol	11.27	266	596464	81.433	ng	99
71) Phenanthrene	11.49	178	2028406	40.487	ng	99
72) Anthracene	11.55	178	2089424	42.064	ng	100
73) Carbazole	11.69	167	1837173	42.325	ng	100
74) Di-n-butylphthalate	12.03	149	2138815	39.575	ng	99
75) Fluoranthene	12.68	202	2051970	44.973	ng	97
77) Benzidine	12.80	184	217840	10.351	ng	99
78) Pyrene	12.91	202	2056114	39.599	ng	99
80) Butylbenzylphthalate	13.53	149	857656	38.458	ng	95
81) Benzo(a)anthracene	14.10	228	1699931	40.039	ng	100
82) 3,3'-Dichlorobenzidine	14.06	252	489971	32.992	ng	99
83) Chrysene	14.14	228	1655086	40.230	ng	99
84) Bis(2-ethylhexyl)phthalate	14.09	149	1075029	39.762	ng	98
85) Di-n-octyl phthalate	14.70	149	1615204	40.665	ng	100
86) Indeno(1,2,3-cd)pyrene	17.15	276	1304967	37.269	ng	100
88) Benzo(b)fluoranthene	15.17	252	1365059	42.560	ng	99
89) Benzo(k)fluoranthene	15.20	252	1373712	45.456	ng	98
90) Benzo(a)pyrene	15.56	252	1188996	42.158	ng	99
91) Dibenzo(a,h)anthracene	17.17	278	1073137	44.207	ng	98
92) Benzo(g,h,i)perylene	17.62	276	1109946	45.906	ng	99

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

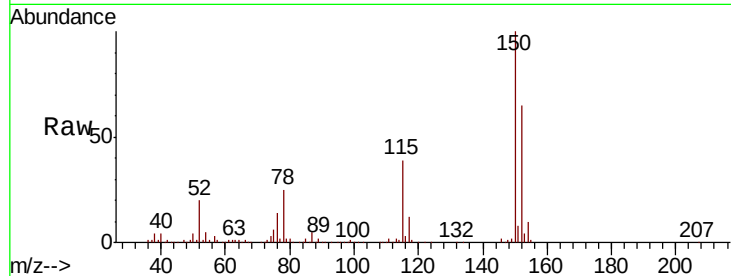


#1

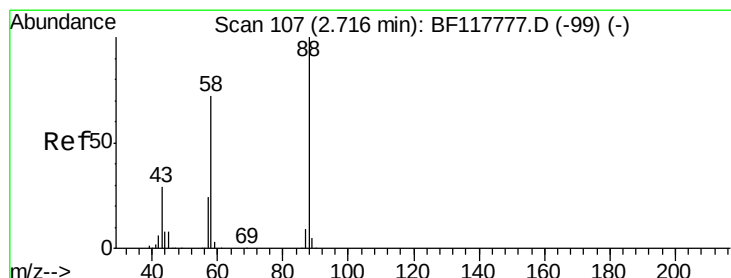
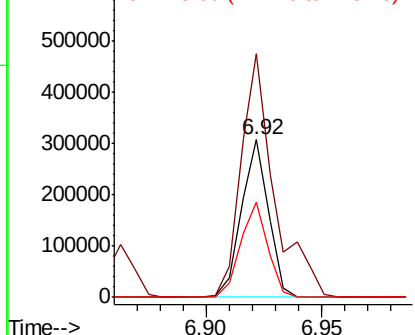
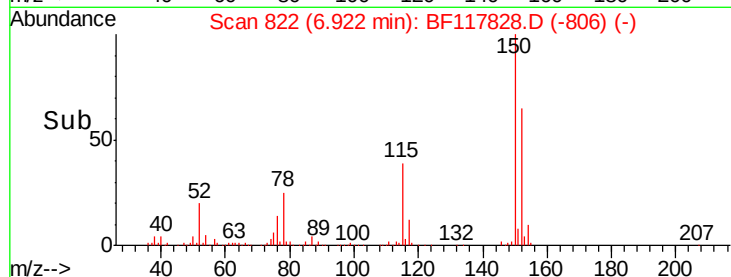
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 251530
Ion Ratio Lower Upper
152 100
150 154.3 125.3 187.9
115 60.1 47.0 70.4



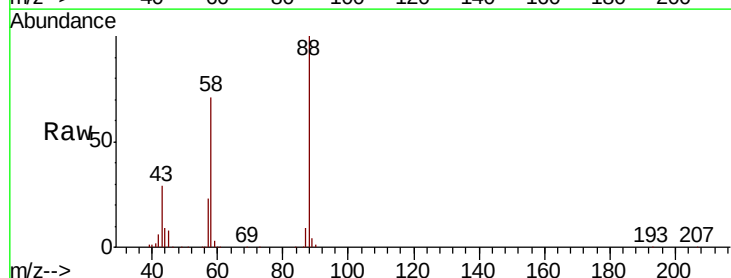
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



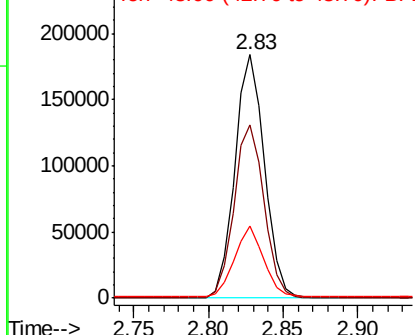
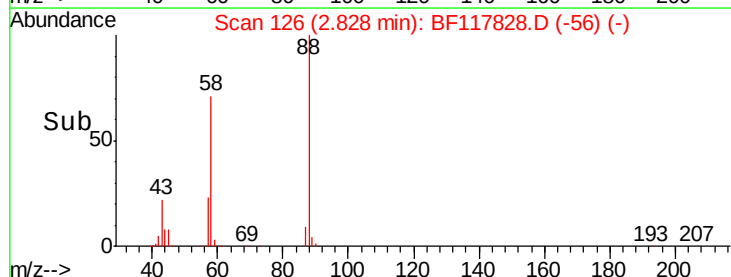
#2

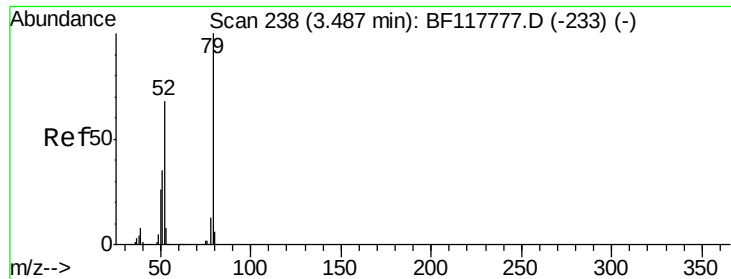
1,4-Dioxane
Concen: 38.306 ng
RT: 2.83 min Scan# 126
Delta R.T. 0.11 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Tgt Ion: 88 Resp: 254439
Ion Ratio Lower Upper
88 100
58 72.6 58.2 87.2
43 28.8 23.3 34.9



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: 36.034 ng

RT: 3.57 min Scan# 253

Delta R.T. 0.09 min

Lab File: BF117828.D

Acq: 18 Nov 2019 11:59

Instrument :

BNA_F

ClientSampleId :

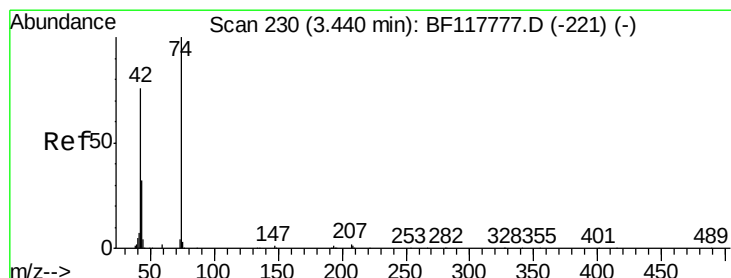
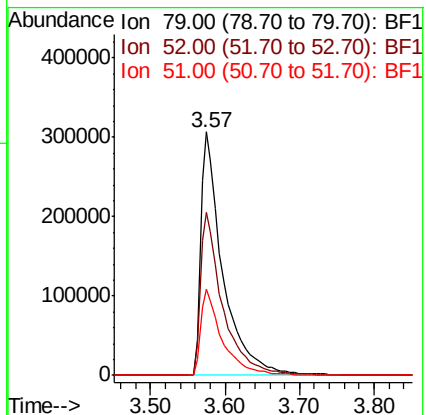
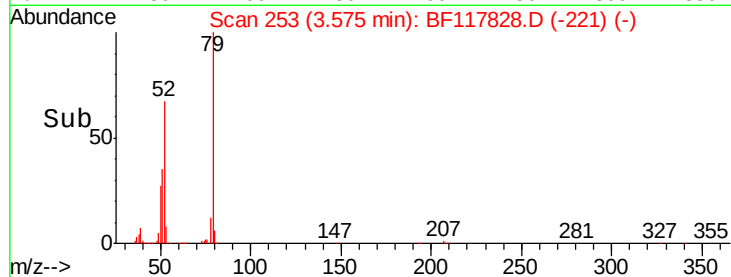
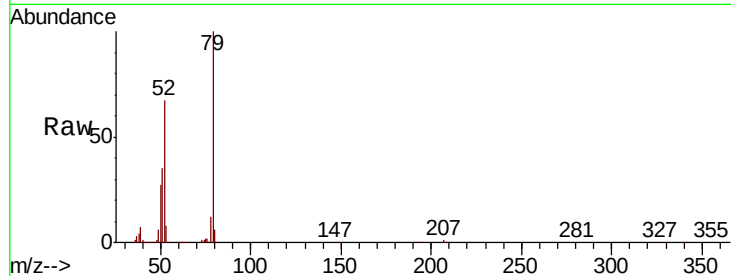
Tot Ion: 79 Resp: 627847

Ion Ratio Lower Upper

79 100

52 67.2 54.8 82.2

51 35.2 28.2 42.4



#4

n-Nitrosodimethylamine

Concen: 42.055 ng

RT: 3.53 min Scan# 245

Delta R.T. 0.09 min

Lab File: BF117828.D

Acq: 18 Nov 2019 11:59

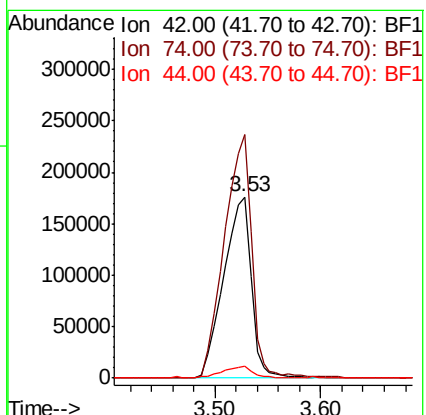
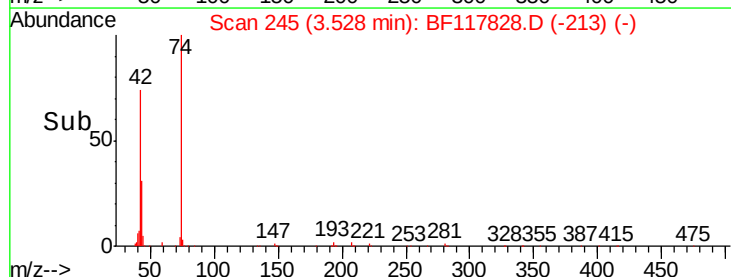
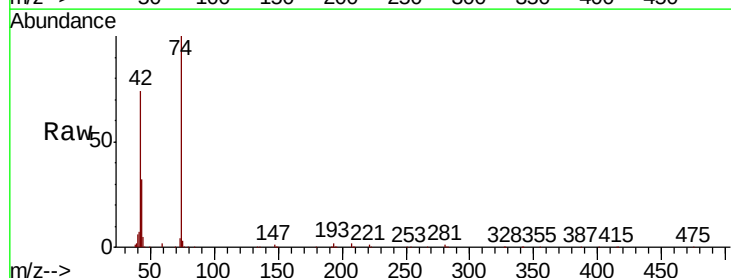
Tgt Ion: 42 Resp: 319861

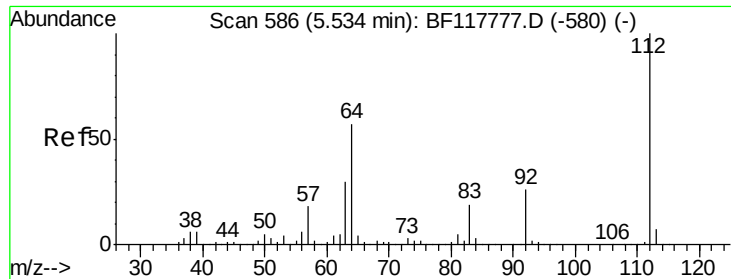
Ion Ratio Lower Upper

42 100

74 134.4 105.1 157.7

44 6.7 4.6 7.0





#5

2-Fluorophenol

Concen: 117.402 ng

RT: 5.55 min Scan# 588

Delta R.T. 0.01 min

Lab File: BF117828.D

Acq: 18 Nov 2019 11:59

Instrument :

BNA_F

ClientSampled :

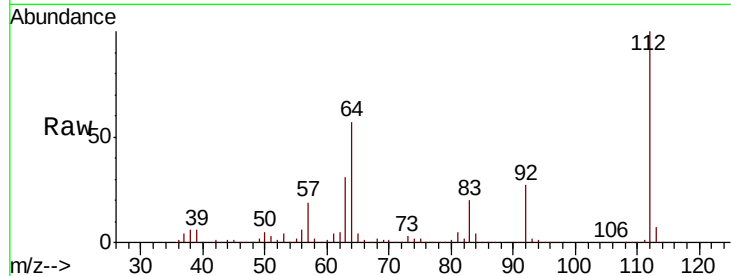
Tot Ion:112 Resp: 1668263

Ion Ratio Lower Upper

112 100

64 56.6 45.6 68.4

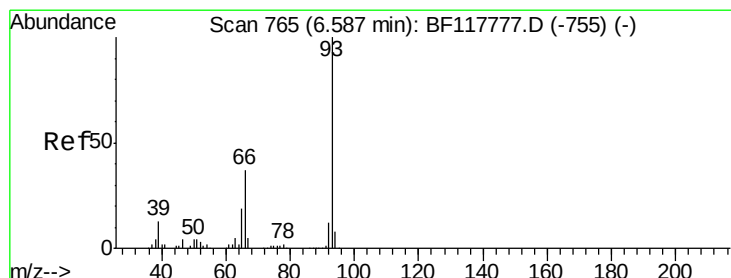
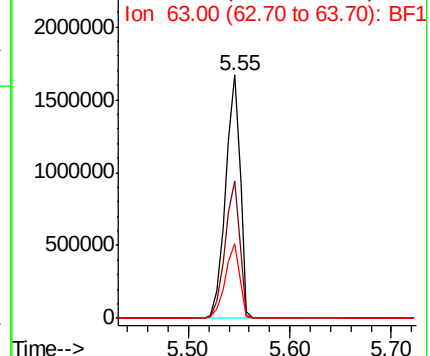
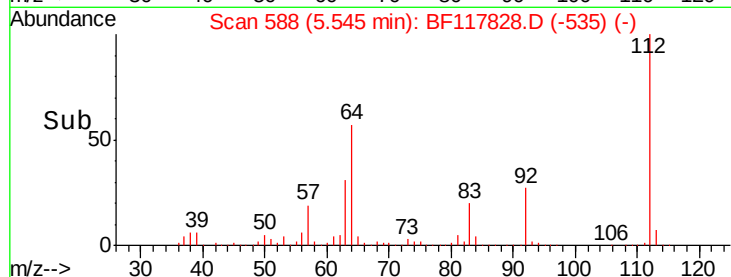
63 30.9 24.1 36.1



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: 29.596 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF117828.D

Acq: 18 Nov 2019 11:59

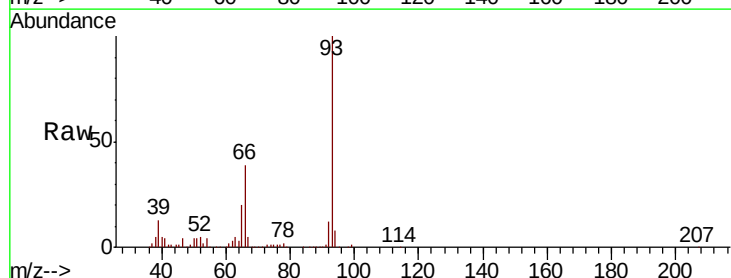
Tgt Ion: 93 Resp: 670317

Ion Ratio Lower Upper

93 100

66 39.0 30.6 45.8

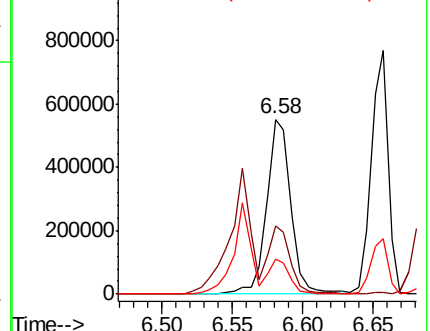
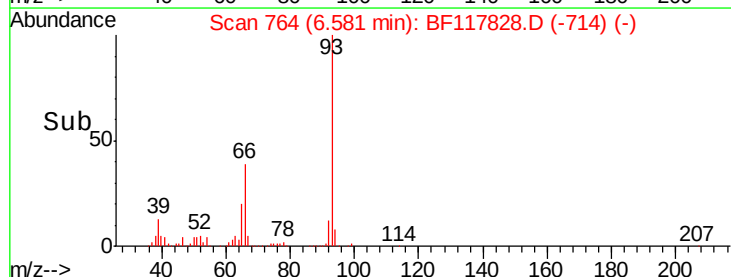
65 20.0 15.6 23.4

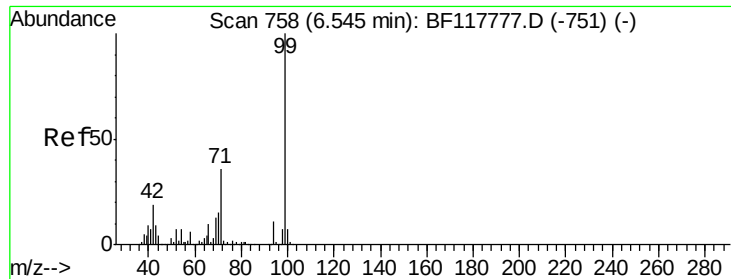


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 119.841 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF117828.D

Acq: 18 Nov 2019 11:59

Instrument :

BNA_F

ClientSampleId :

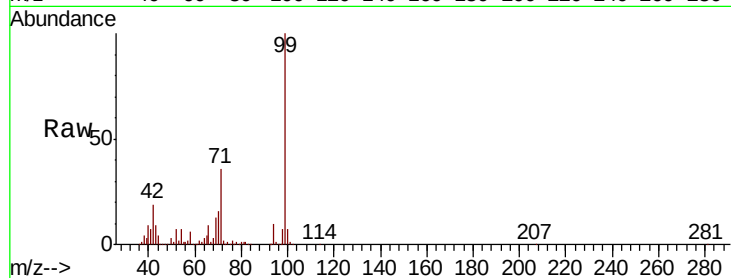
Tot Ion: 99 Resp: 2054004

Ion Ratio Lower Upper

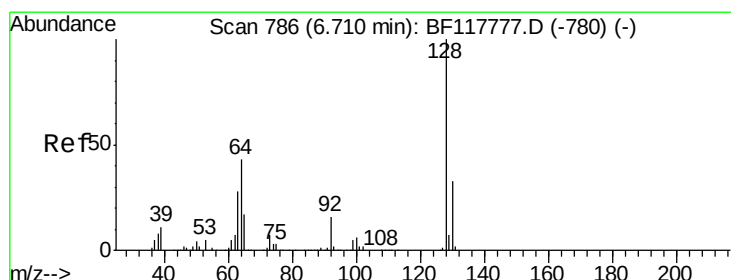
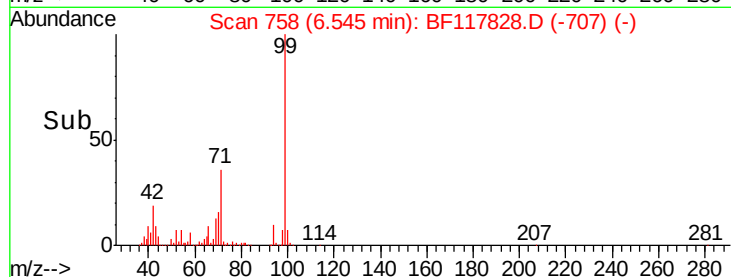
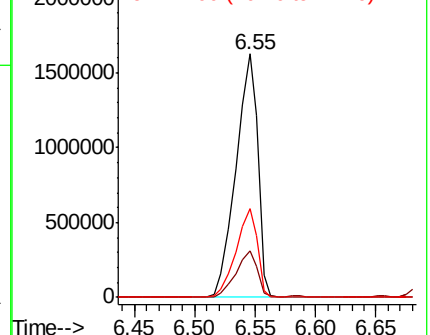
99 100

42 19.0 14.9 22.3

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: 45.825 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.00 min

Lab File: BF117828.D

Acq: 18 Nov 2019 11:59

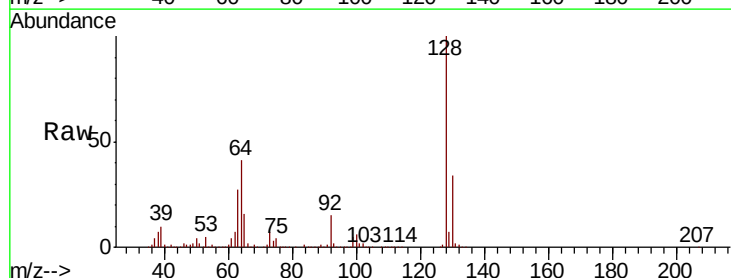
Tgt Ion: 128 Resp: 706579

Ion Ratio Lower Upper

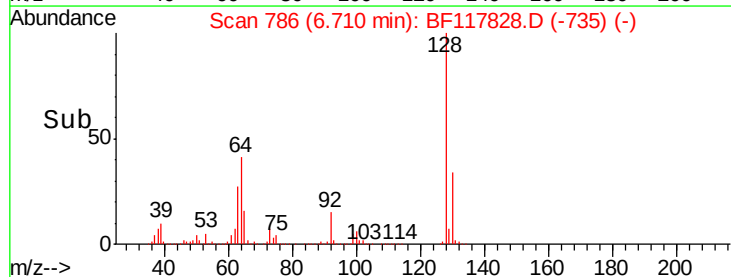
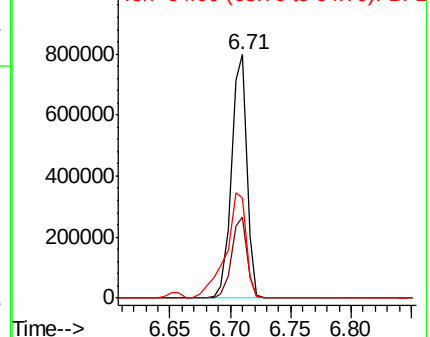
128 100

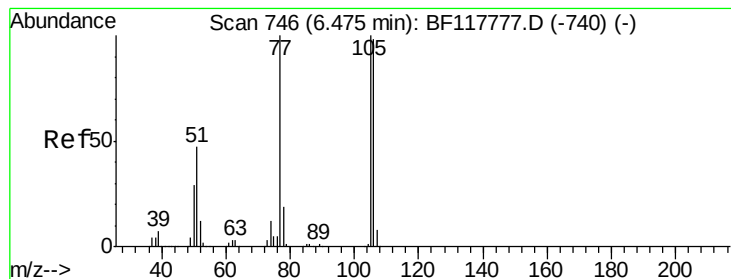
130 33.6 13.2 53.2

64 41.1 23.7 63.7



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: 29.015 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF117828.D

Acq: 18 Nov 2019 11:59

Instrument :

BNA_F

ClientSampled :

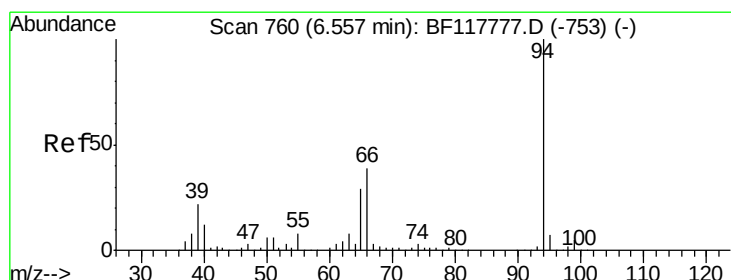
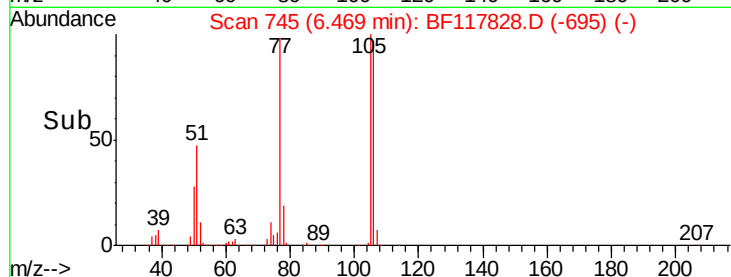
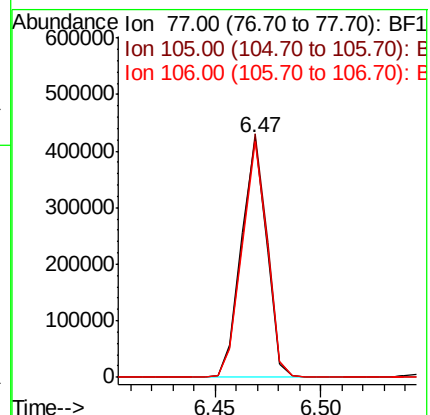
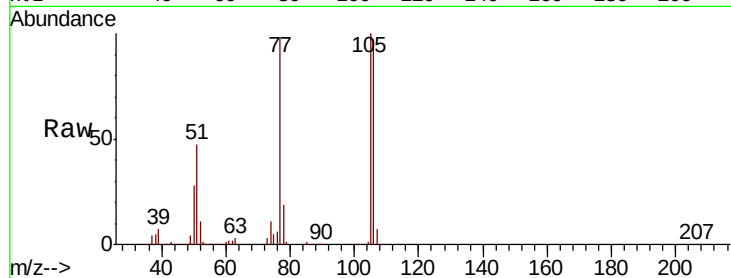
Tot Ion: 77 Resp: 349601

Ion Ratio Lower Upper

77 100

105 101.6 80.2 120.2

106 98.7 78.4 118.4



#10

Phenol

Concen: 45.198 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF117828.D

Acq: 18 Nov 2019 11:59

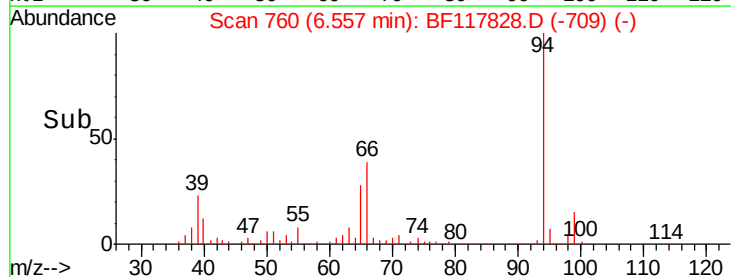
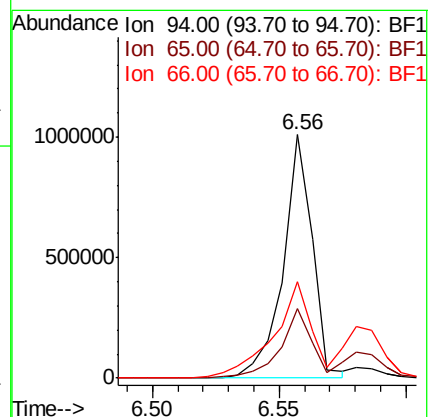
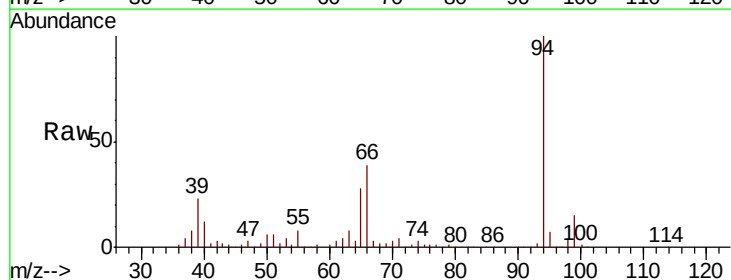
Tgt Ion: 94 Resp: 804995

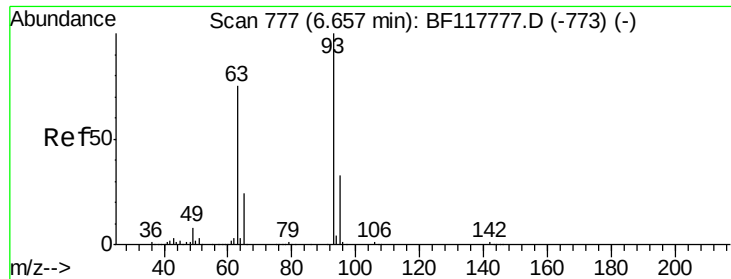
Ion Ratio Lower Upper

94 100

65 28.5 8.9 48.9

66 39.5 18.7 58.7

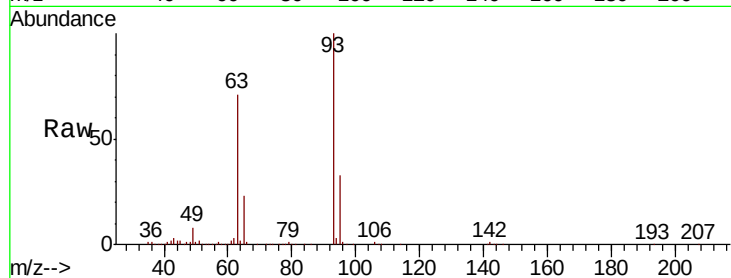




#11
bis(2-Chloroethyl)ether
Concen: 44.146 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Instrument :
BNA_F
ClientSampled :

Tot Ion	93	Resp	631398
Ion Ratio	Lower	Upper	
93	100		
63	71.3	54.8	94.8
95	33.1	12.7	52.7

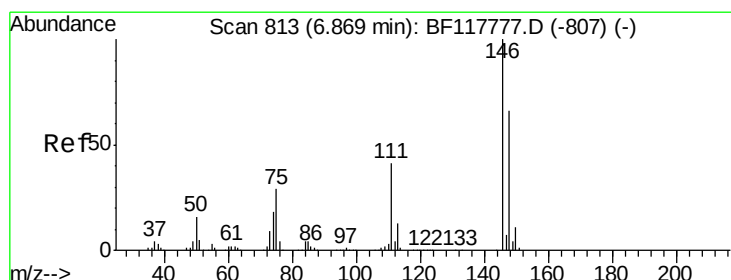
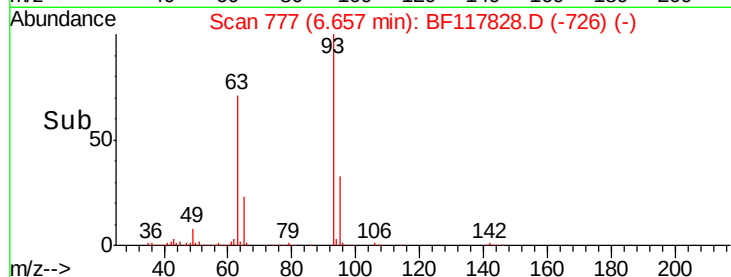
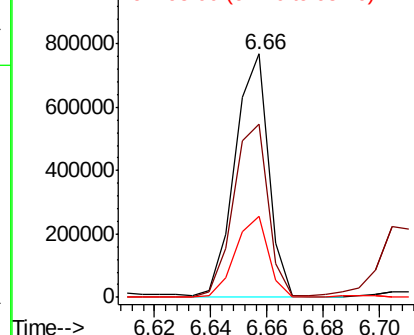


Abundance

Ion 93.00 (92.70 to 93.70): BF1

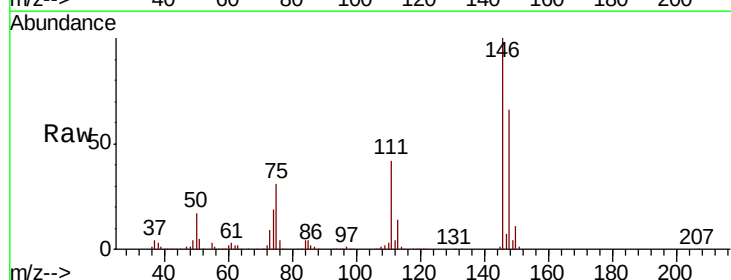
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 42.243 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Tgt Ion	146	Resp	766828
Ion Ratio	Lower	Upper	
146	100		
148	65.5	52.8	79.2
75	31.0	23.4	35.0

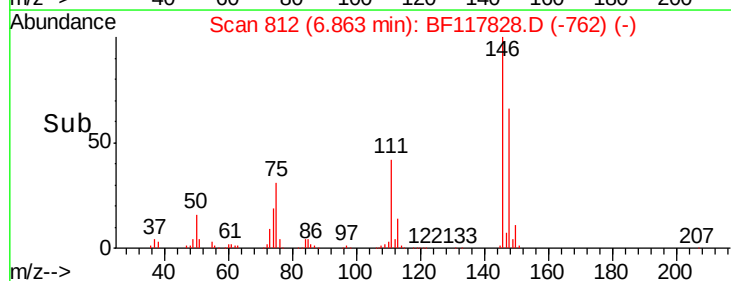
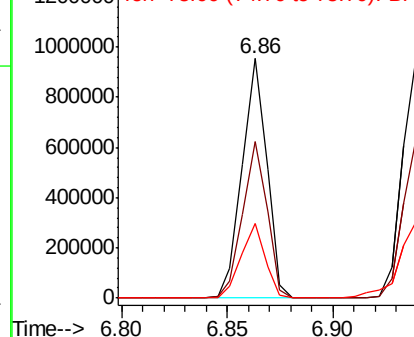


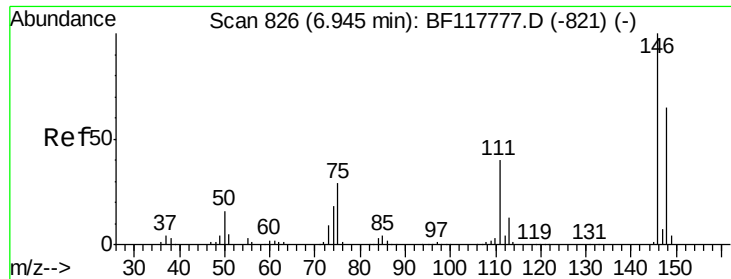
Abundance

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

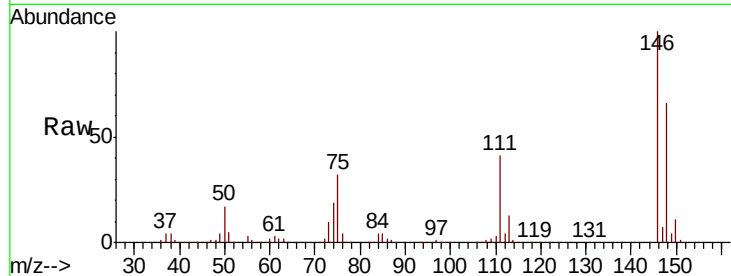




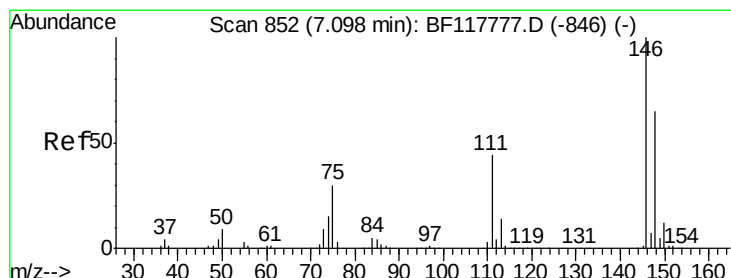
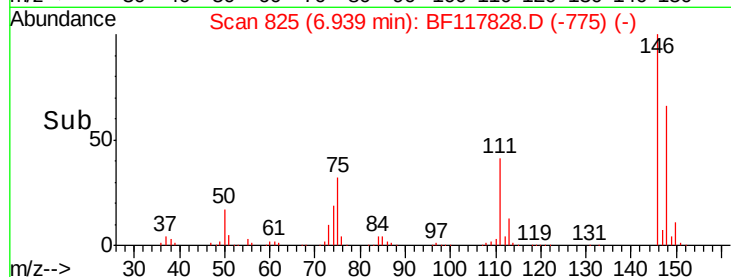
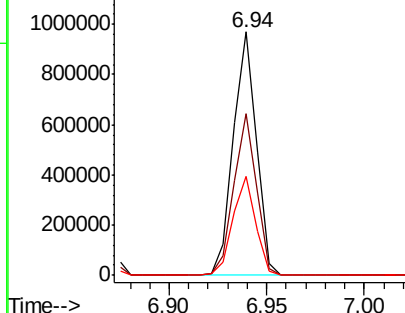
#13
 1,4-Dichlorobenzene
 Concen: 43.283 ng
 RT: 6.94 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF117828.D
 Acq: 18 Nov 2019 11:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 794192
 Ion Ratio Lower Upper
 146 100
 148 66.2 52.3 78.5
 111 40.7 32.2 48.4

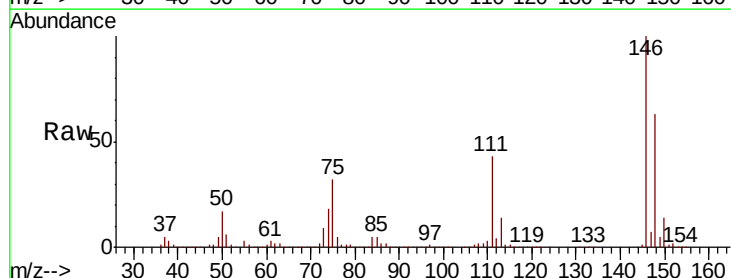


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

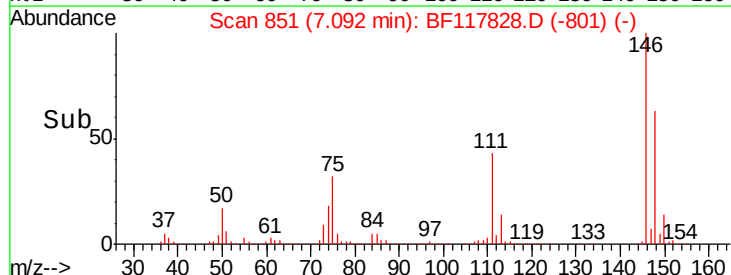
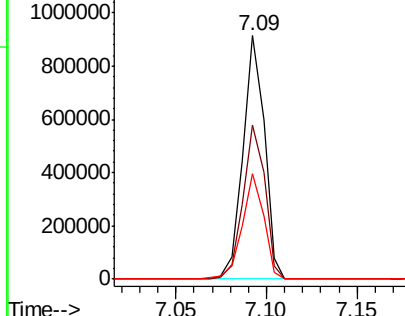


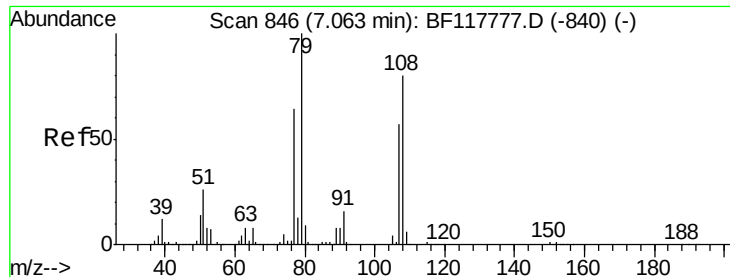
#14
 1,2-Dichlorobenzene
 Concen: 42.854 ng
 RT: 7.09 min Scan# 851
 Delta R.T. -0.01 min
 Lab File: BF117828.D
 Acq: 18 Nov 2019 11:59

Tgt Ion:146 Resp: 752019
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.8 77.8
 111 43.3 35.0 52.6



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.746 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF117828.D

Acq: 18 Nov 2019 11:59

Instrument :

BNA_F

ClientSampled :

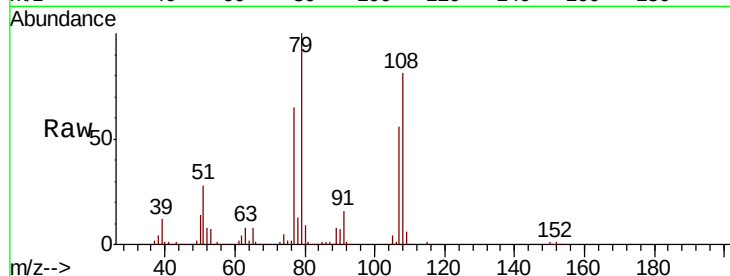
Tot Ion: 79 Resp: 618568

Ion Ratio Lower Upper

79 100

108 80.8 64.1 96.1

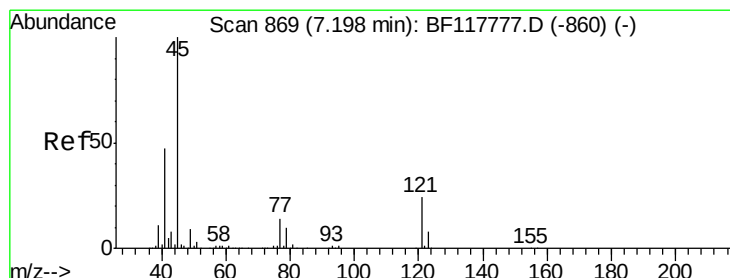
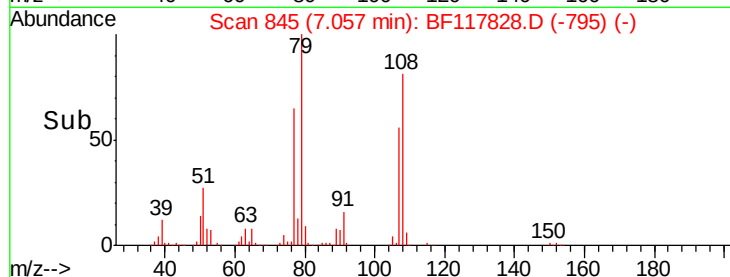
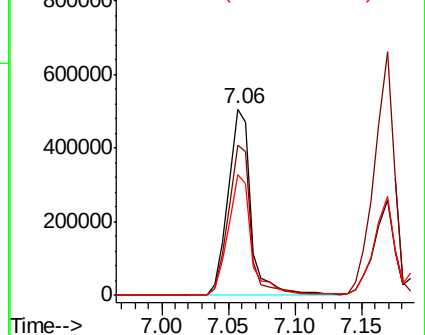
77 64.9 51.3 76.9



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.989 ng

RT: 7.20 min Scan# 869

Delta R.T. -0.00 min

Lab File: BF117828.D

Acq: 18 Nov 2019 11:59

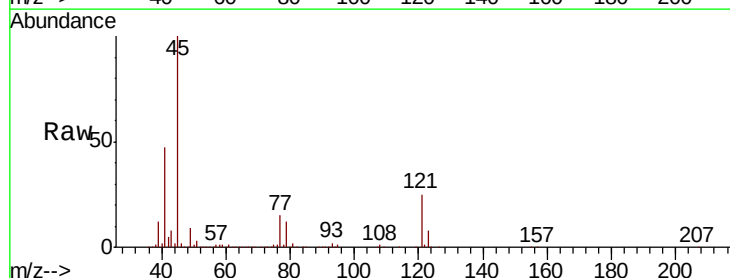
Tgt Ion: 45 Resp: 902576

Ion Ratio Lower Upper

45 100

77 15.1 0.0 35.0

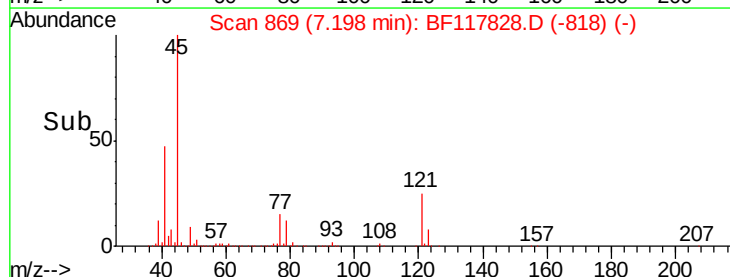
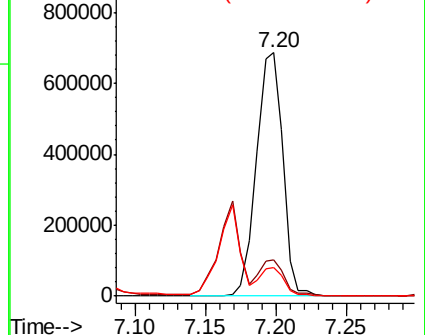
79 11.9 0.0 31.1

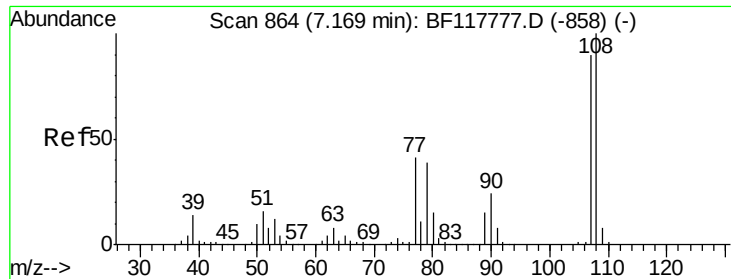


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

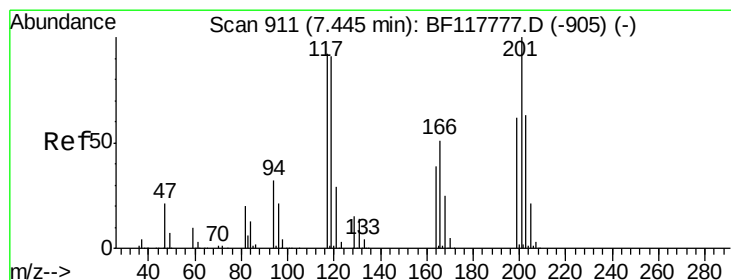
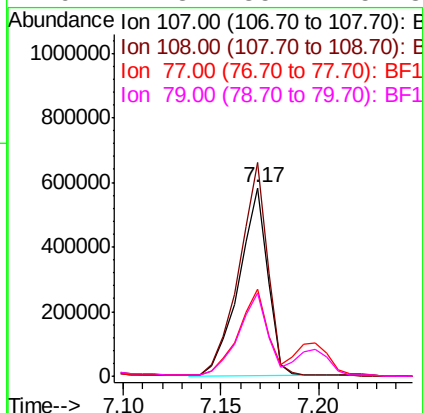
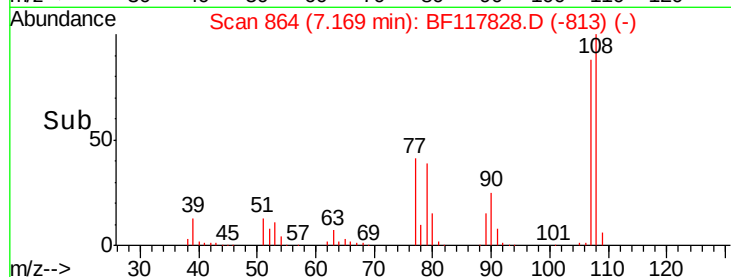
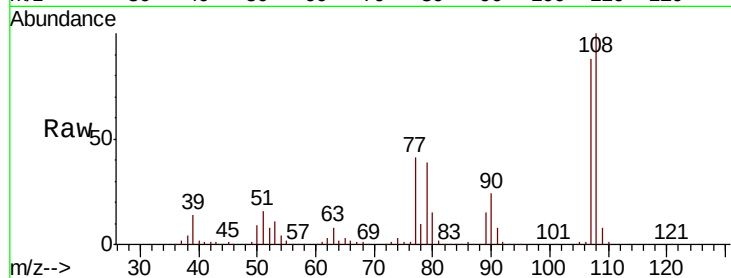




#17
2-Methylphenol
Concen: 45.572 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

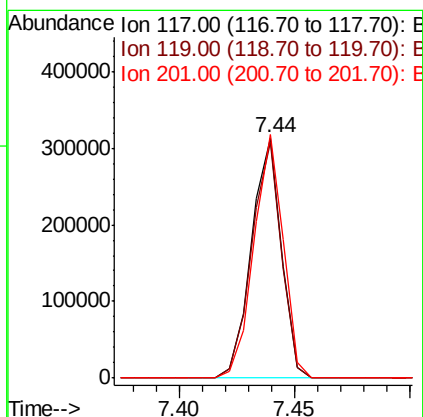
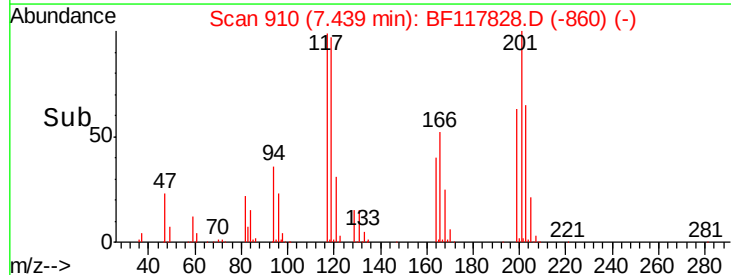
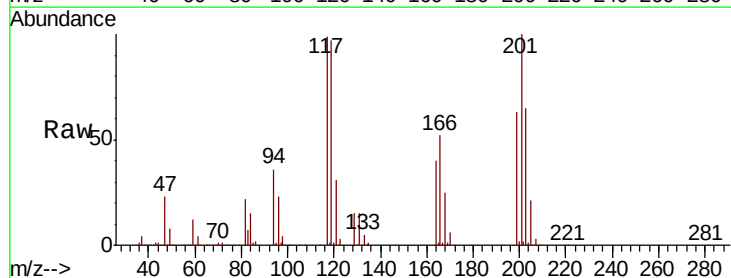
Instrument :
BNA_F
ClientSampled :

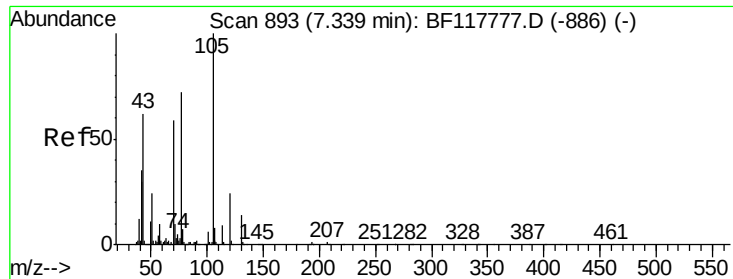
Tot Ion:107 Resp: 595060
Ion Ratio Lower Upper
107 100
108 113.5 89.1 133.7
77 46.2 36.6 54.8
79 44.3 35.2 52.8



#18
Hexachloroethane
Concen: 42.220 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Tgt Ion:117 Resp: 284587
Ion Ratio Lower Upper
117 100
119 98.0 78.7 118.1
201 101.3 86.5 129.7

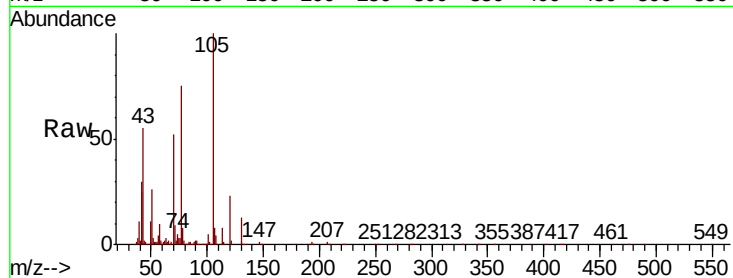




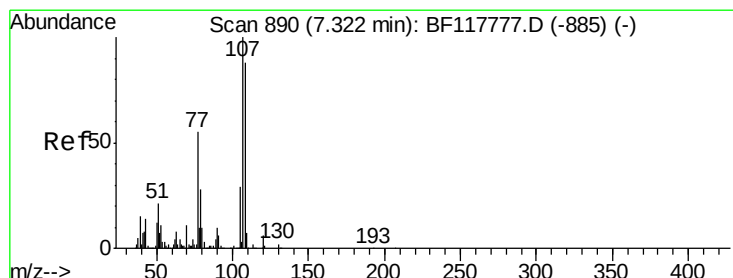
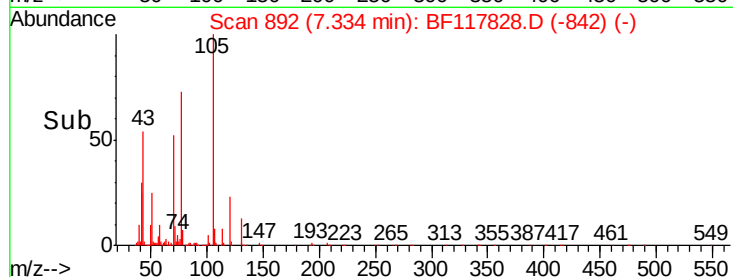
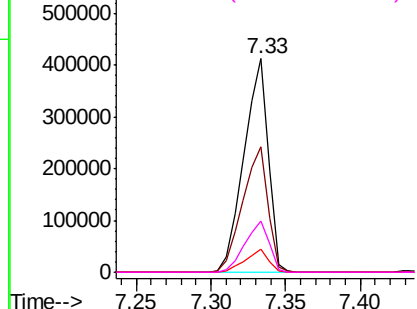
#19
n-Nitroso-di-n-propylamine
Concen: 44.046 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 465733
Ion Ratio Lower Upper
70 100
42 58.6 47.4 71.2
101 10.6 8.4 12.6
130 24.1 18.8 28.2

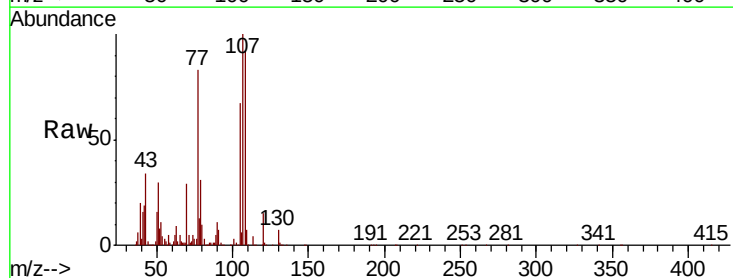


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

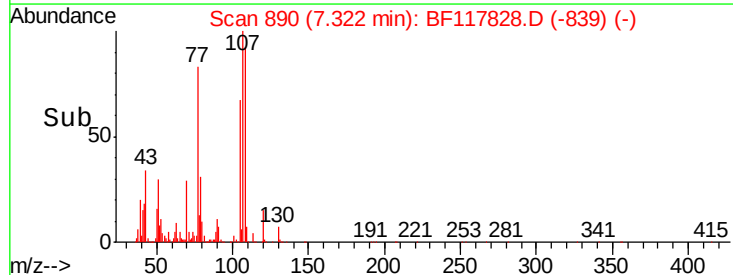
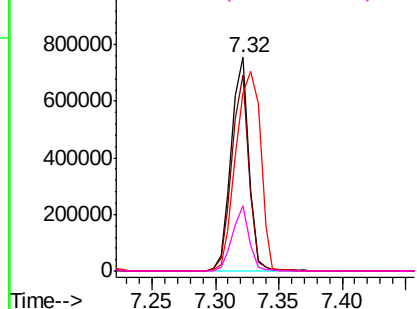


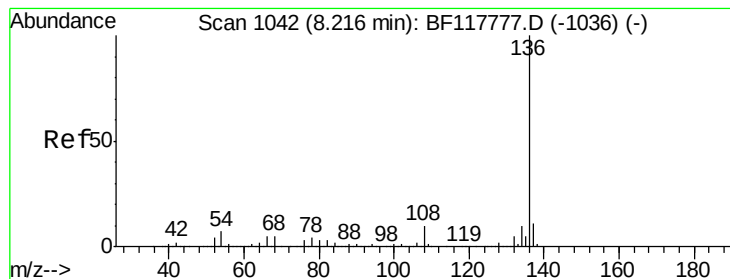
#20
3+4-Methylphenols
Concen: 44.869 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Tgt Ion:107 Resp: 727265
Ion Ratio Lower Upper
107 100
108 91.7 68.4 108.4
77 83.4 35.2 75.2#
79 30.7 8.6 48.6



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.21 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF117828.D

Acq: 18 Nov 2019 11:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1022043

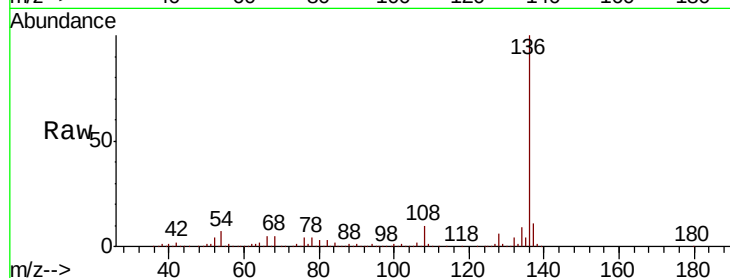
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 7.2 5.4 8.2

68 5.3 4.3 6.5

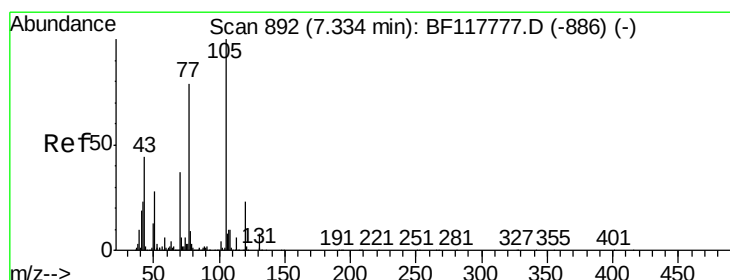
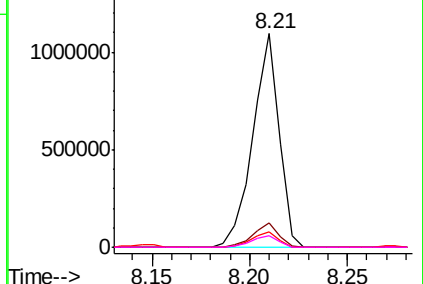
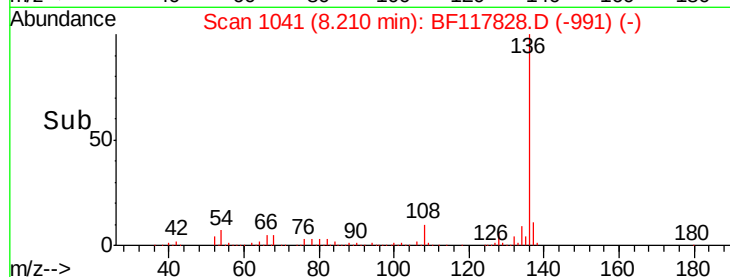


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 41.507 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF117828.D

Acq: 18 Nov 2019 11:59

Tgt Ion:105 Resp: 953085

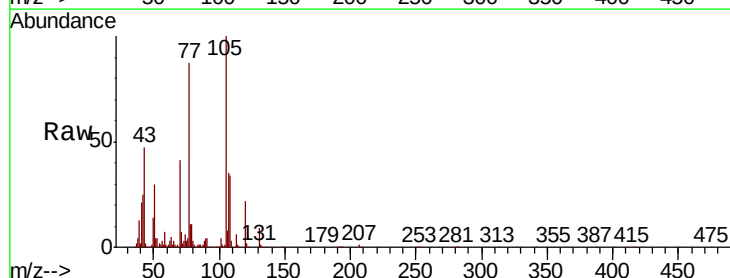
Ion Ratio Lower Upper

105 100

71 7.0 4.9 7.3

51 30.0 22.7 34.1

120 22.5 18.5 27.7

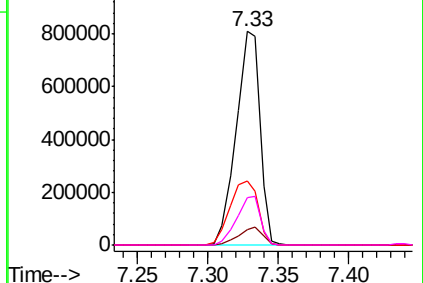
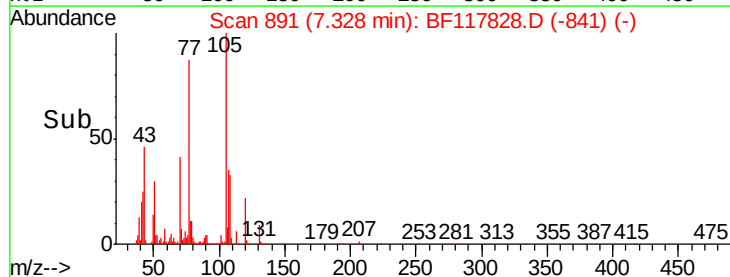


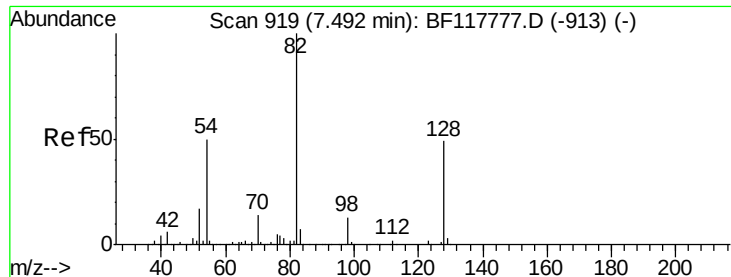
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

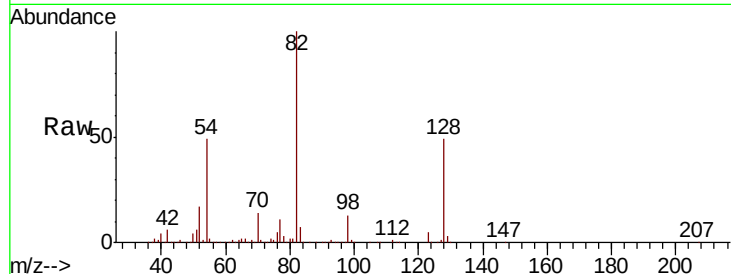




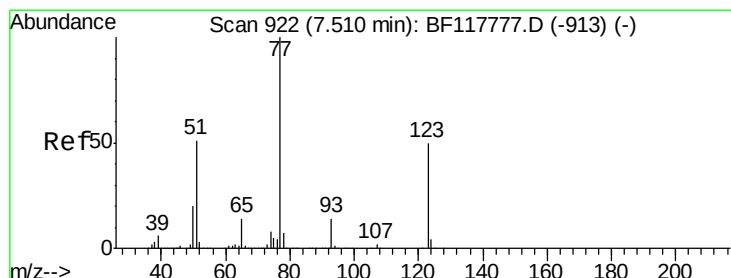
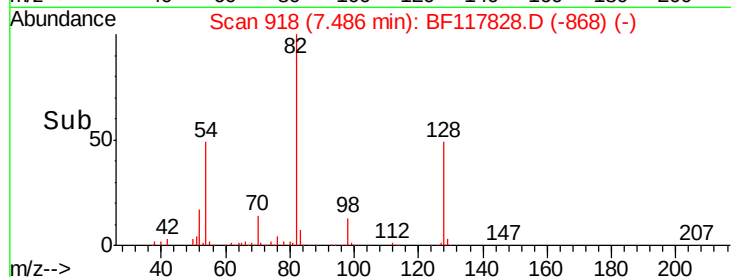
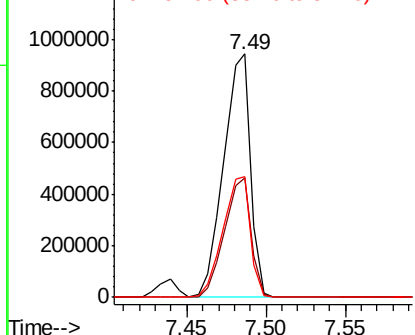
#23
Nitrobenzene-d5
Concen: 64.338 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.01 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1106154
Ion Ratio Lower Upper
82 100
128 49.3 38.9 58.3
54 49.5 39.8 59.6

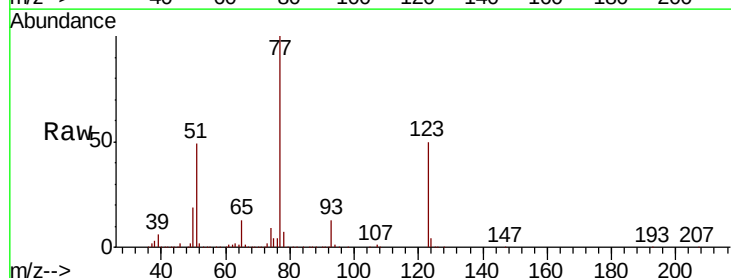


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

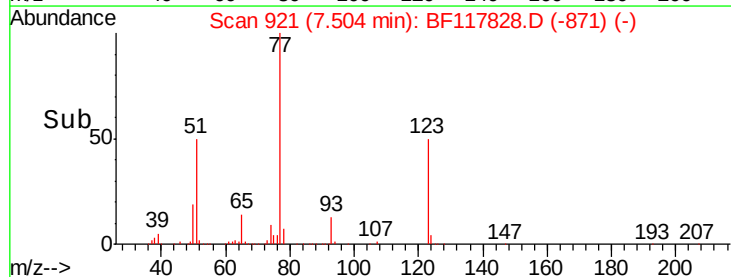
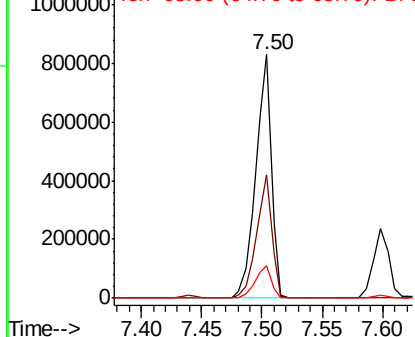


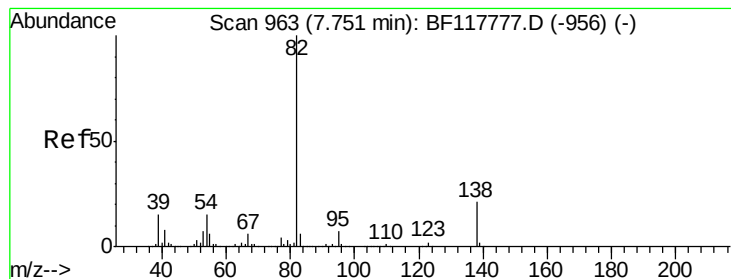
#24
Nitrobenzene
Concen: 42.382 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Tgt Ion: 77 Resp: 751717
Ion Ratio Lower Upper
77 100
123 50.4 40.3 60.5
65 13.5 10.9 16.3



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





#25

Isophorone

Concen: 41.945 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF117828.D

Acq: 18 Nov 2019 11:59

Instrument :

BNA_F

ClientSampleId :

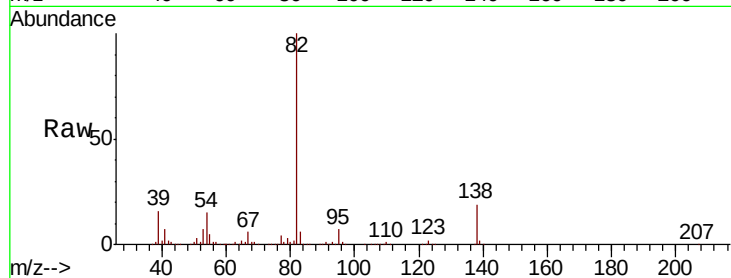
Tot Ion: 82 Resp: 1321763

Ion Ratio Lower Upper

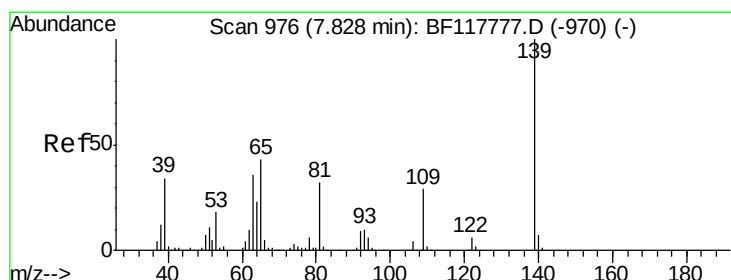
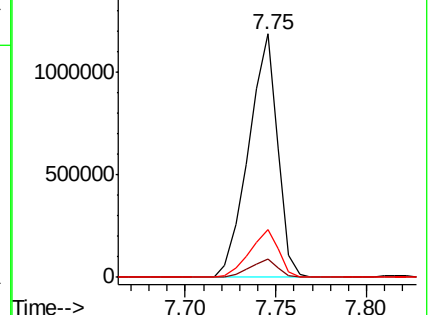
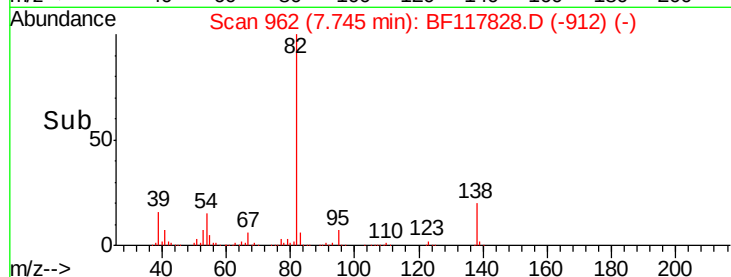
82 100

95 7.4 5.8 8.8

138 19.5 16.5 24.7



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



#26

2-Nitrophenol

Concen: 46.337 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.01 min

Lab File: BF117828.D

Acq: 18 Nov 2019 11:59

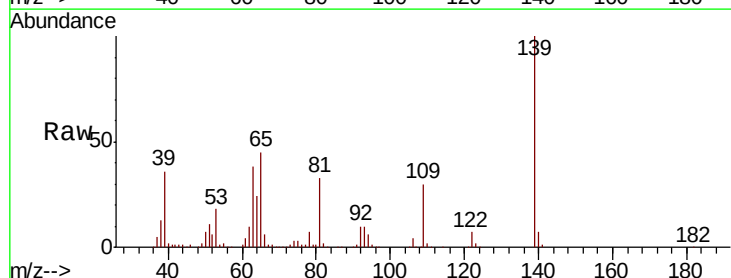
Tgt Ion: 139 Resp: 400022

Ion Ratio Lower Upper

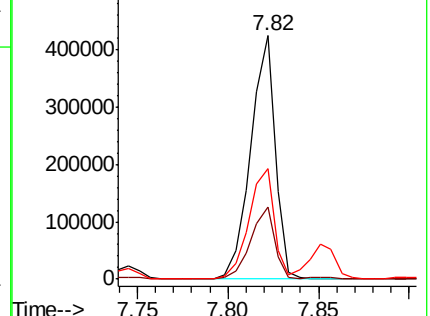
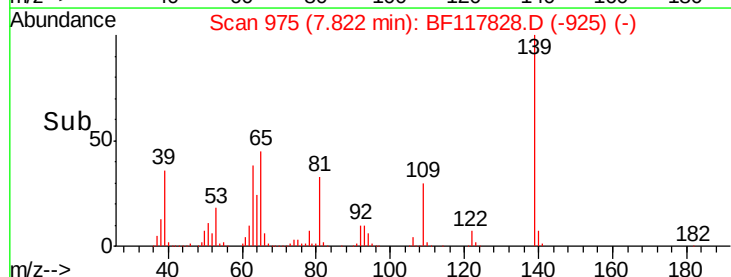
139 100

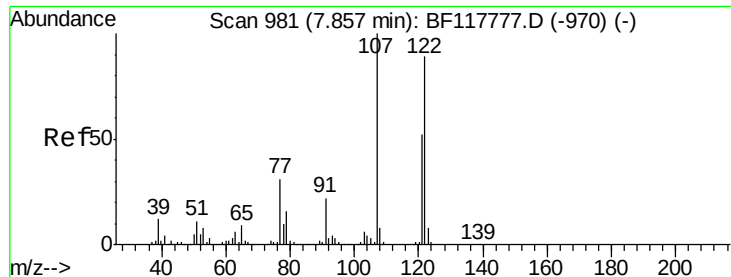
109 29.6 23.0 34.4

65 45.3 34.7 52.1



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





#27

2,4-Dimethylphenol

Concen: 49.648 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF117828.D

Acq: 18 Nov 2019 11:59

Instrument :

BNA_F

ClientSampleId :

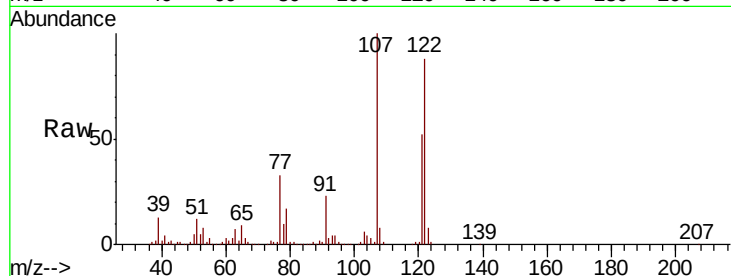
Tot Ion:122 Resp: 666005

Ion Ratio Lower Upper

122 100

107 114.2 90.0 135.0

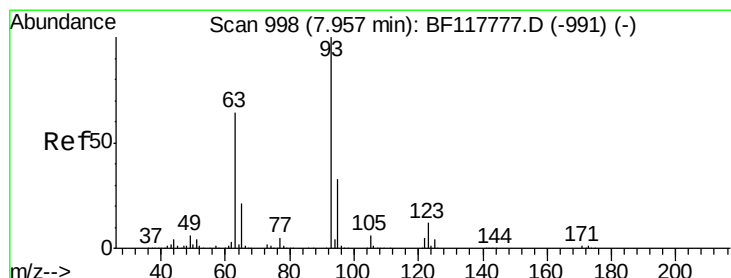
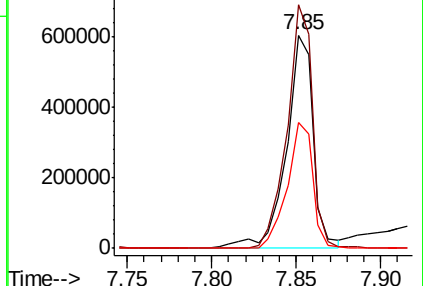
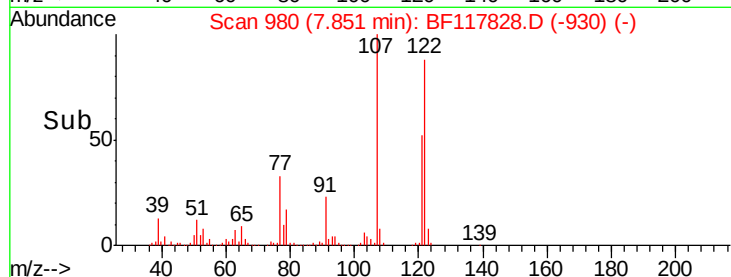
121 59.0 46.7 70.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.877 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.01 min

Lab File: BF117828.D

Acq: 18 Nov 2019 11:59

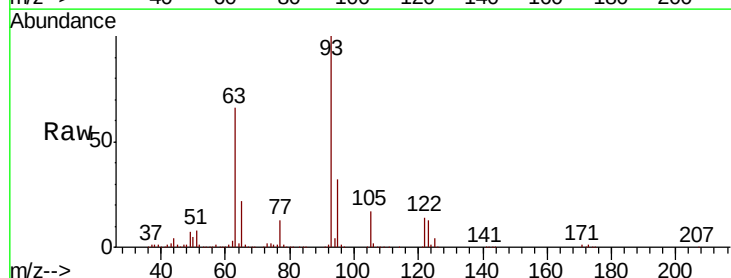
Tgt Ion: 93 Resp: 797395

Ion Ratio Lower Upper

93 100

95 32.5 26.6 40.0

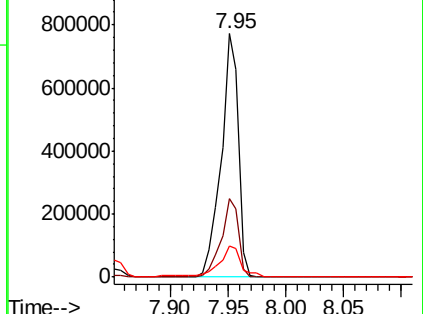
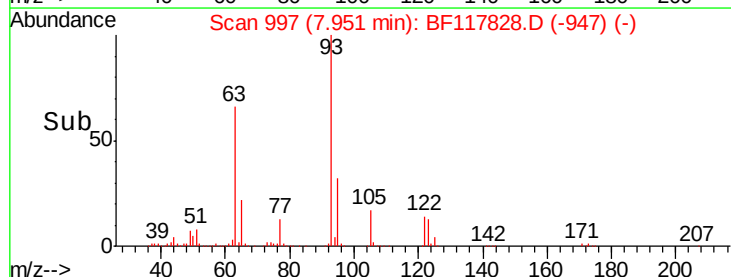
123 13.0 10.3 15.5

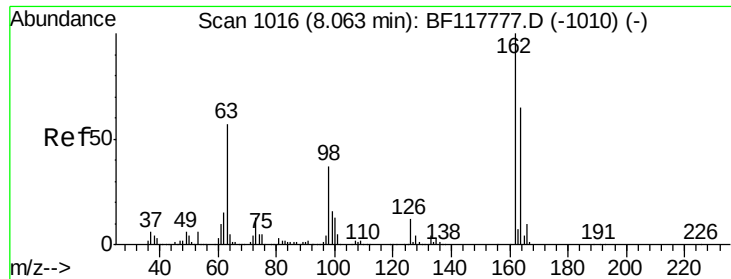


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

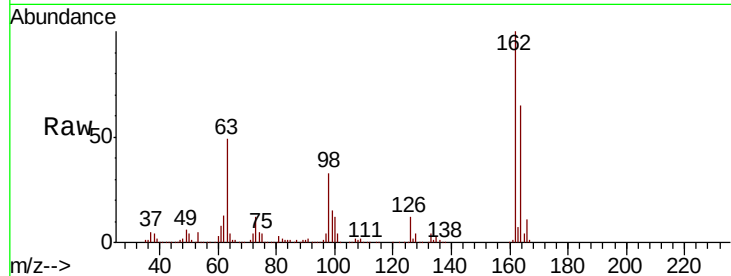




#29
2,4-Dichlorophenol
Concen: 42.067 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	45.1	85.1
98	32.8	17.2	57.2

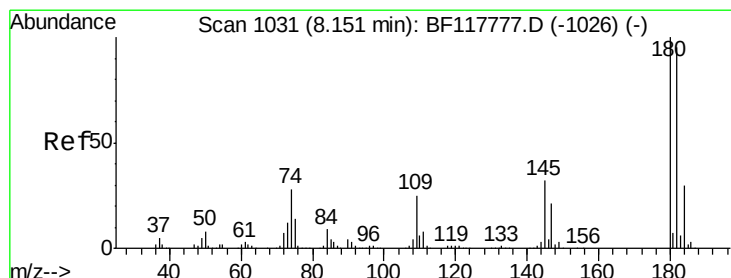
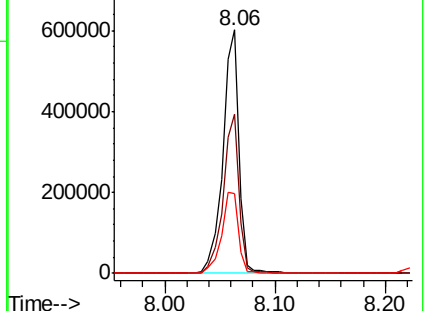
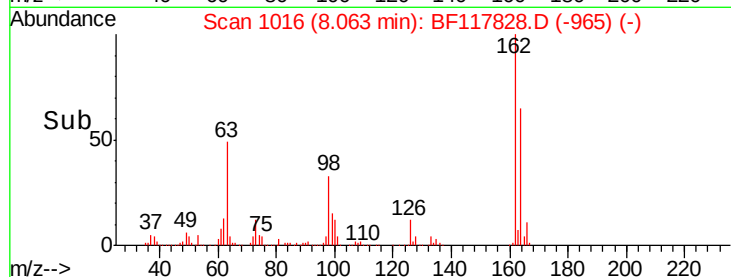


Abundance

Ion 162.00 (161.70 to 162.70): E

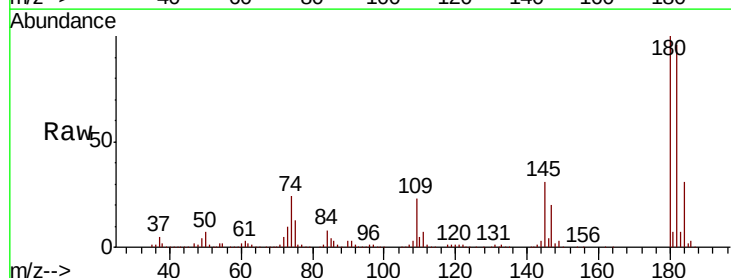
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 40.450 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	75.8	113.6
145	30.7	25.5	38.3

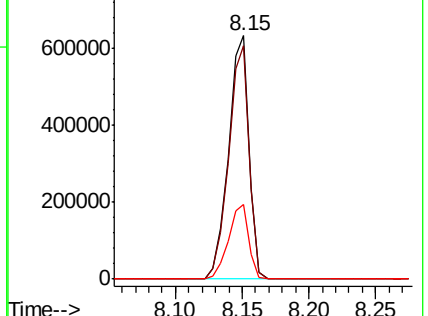
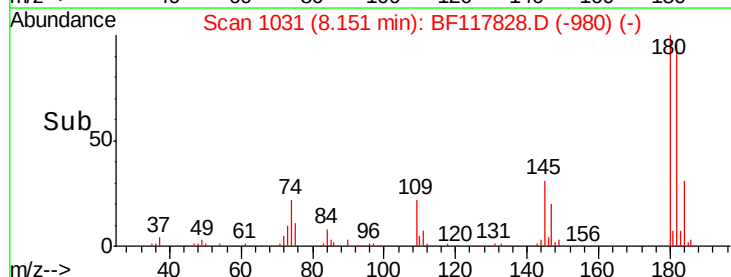


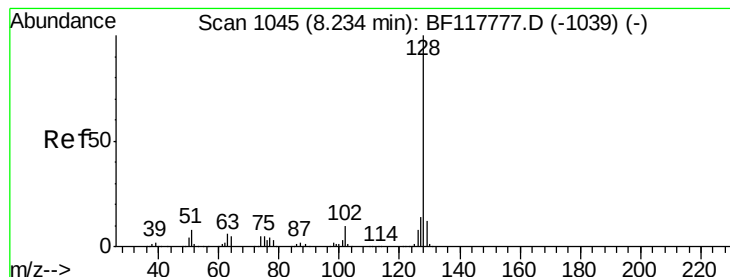
Abundance

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: 43.341 ng

RT: 8.23 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BF117828.D

Acq: 18 Nov 2019 11:59

Instrument :

BNA_F

ClientSampleId :

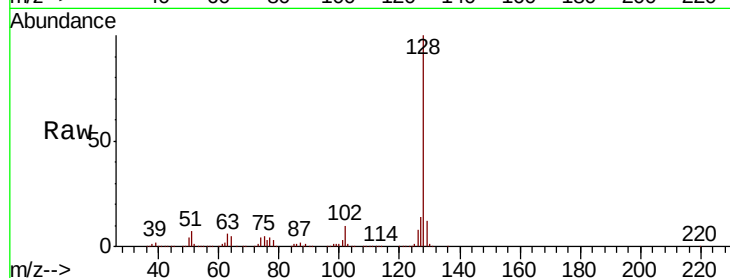
Tot Ion:128 Resp: 2065047

Ion Ratio Lower Upper

128 100

129 11.7 9.5 14.3

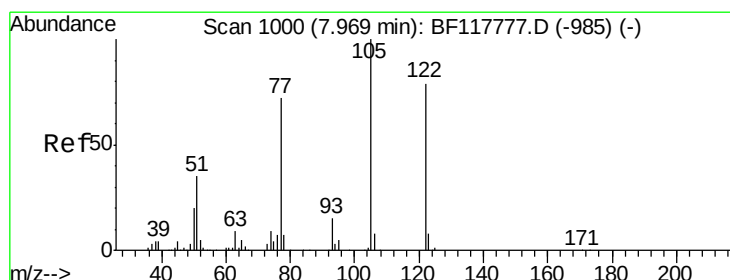
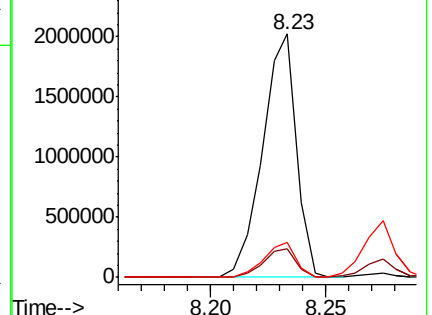
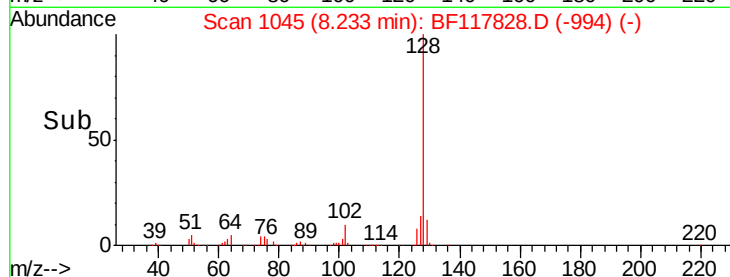
127 14.2 11.3 16.9



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: 45.557 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.00 min

Lab File: BF117828.D

Acq: 18 Nov 2019 11:59

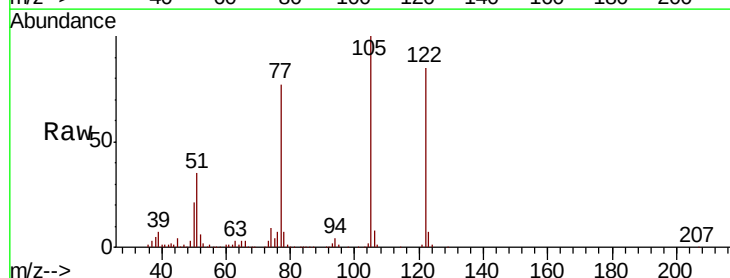
Tgt Ion:122 Resp: 511703

Ion Ratio Lower Upper

122 100

105 118.3 102.7 142.7

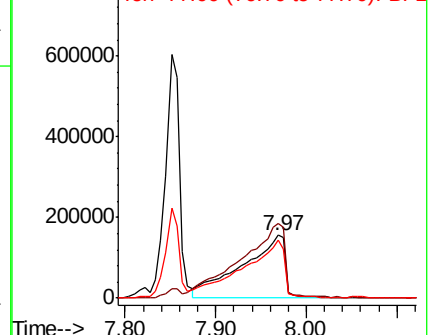
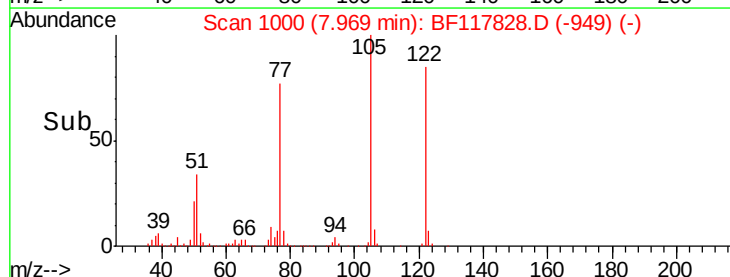
77 91.5 70.5 110.5

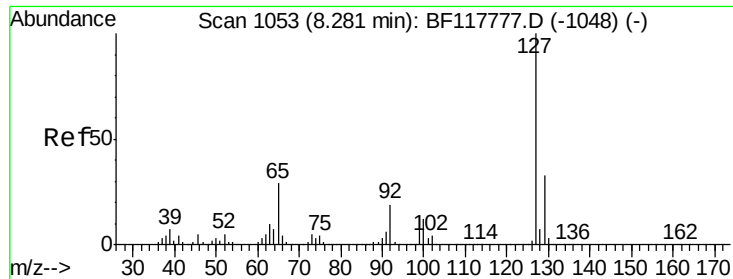


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

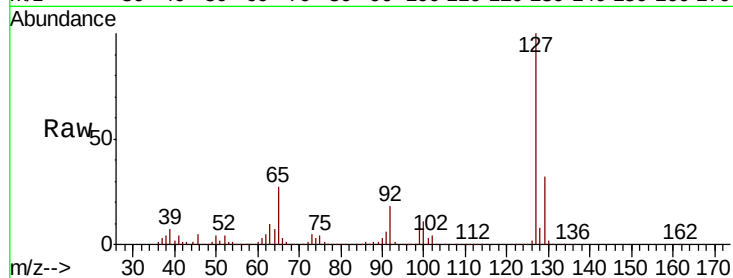




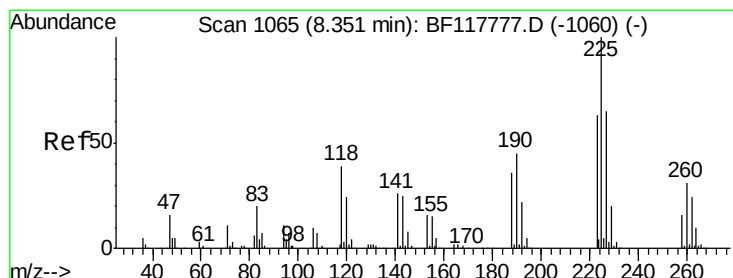
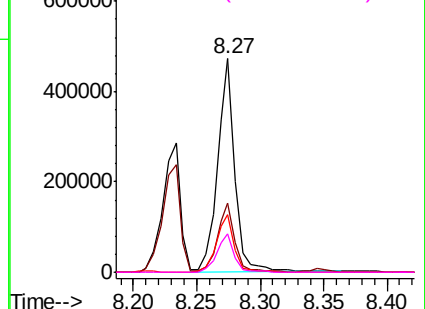
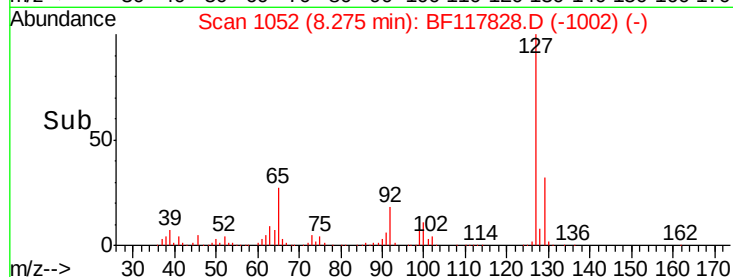
#33
4-Chloroaniline
Concen: 21.202 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	452257
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.5	39.7
65	27.1	22.9	34.3
92	17.8	15.0	22.6

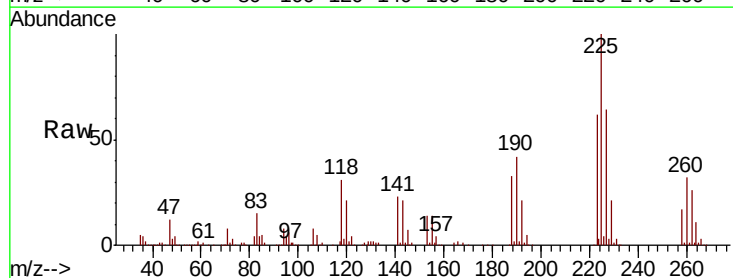


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

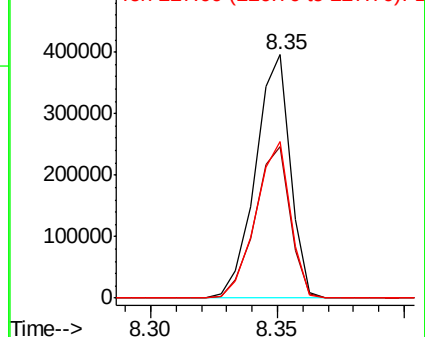
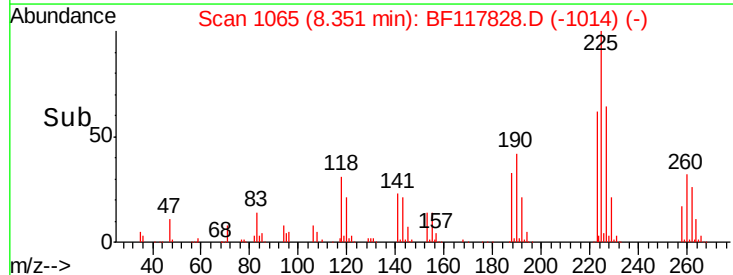


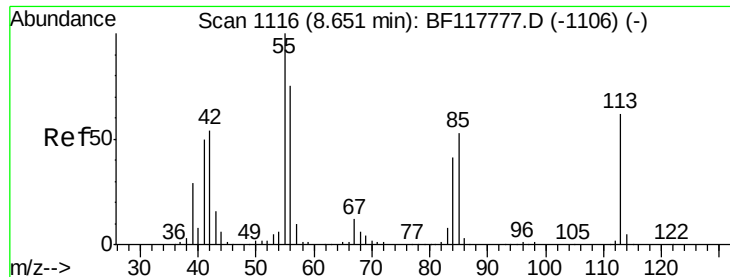
#34
Hexachlorobutadiene
Concen: 38.533 ng
RT: 8.35 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Tgt Ion:	225	Resp:	380252
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.0	75.0
227	64.1	51.8	77.6



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

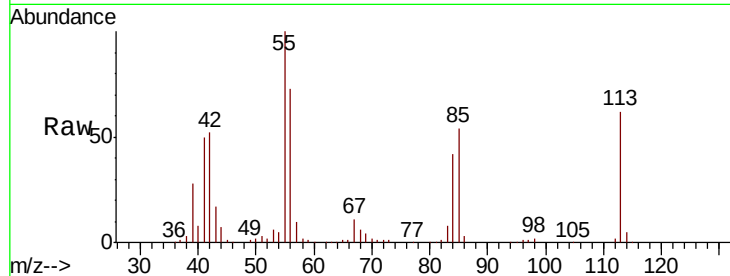




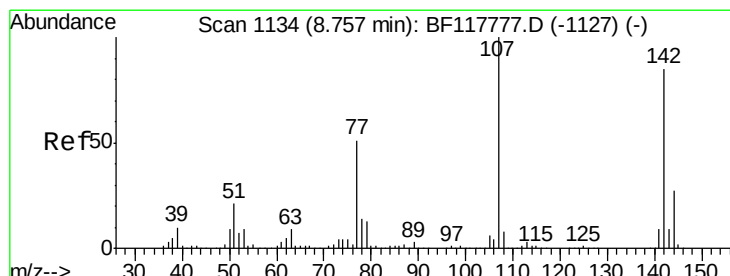
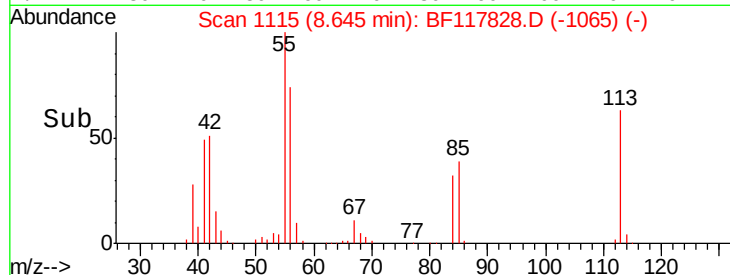
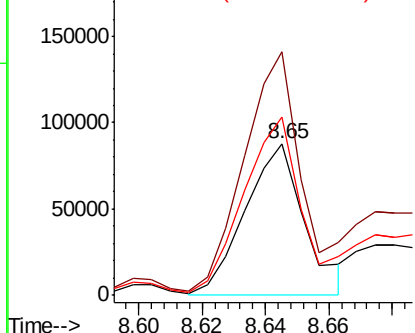
#35
 Caprolactam
 Concen: 24.663 ng
 RT: 8.65 min Scan# 1115
 Delta R.T. -0.01 min
 Lab File: BF117828.D
 Acq: 18 Nov 2019 11:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 114053
 Ion Ratio Lower Upper
 113 100
 55 160.3 141.1 181.1
 56 117.8 100.5 140.5

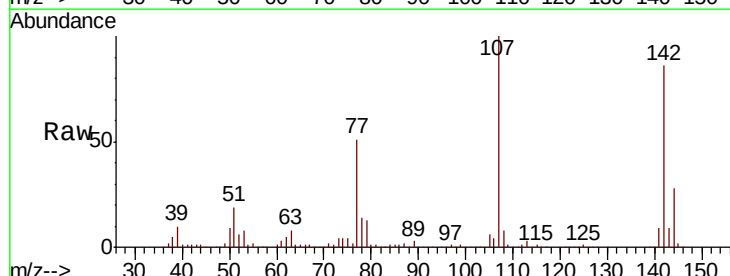


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

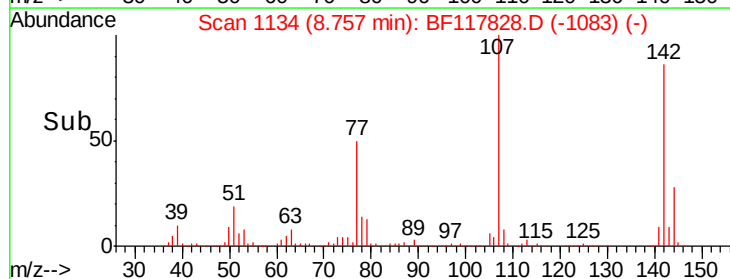
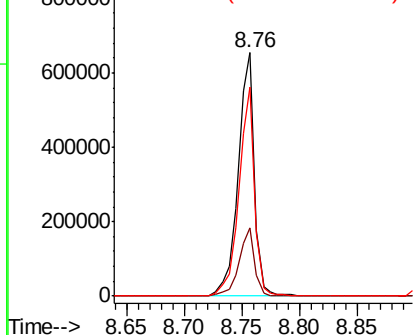


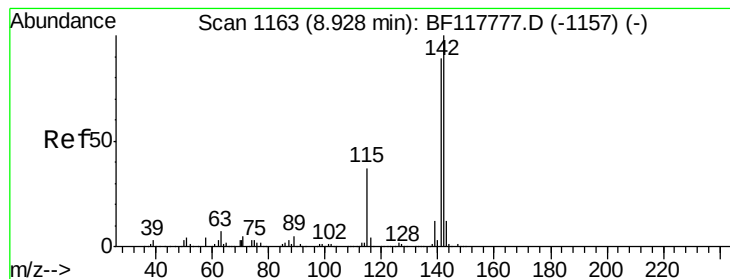
#36
 4-Chloro-3-methylphenol
 Concen: 43.164 ng
 RT: 8.76 min Scan# 1134
 Delta R.T. -0.00 min
 Lab File: BF117828.D
 Acq: 18 Nov 2019 11:59

Tgt Ion:107 Resp: 637420
 Ion Ratio Lower Upper
 107 100
 144 28.2 21.9 32.9
 142 85.6 67.7 101.5



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: 43.404 ng

RT: 8.93 min Scan# 1163

Delta R.T. -0.00 min

Lab File: BF117828.D

Acq: 18 Nov 2019 11:59

Instrument :

BNA_F

ClientSampleId :

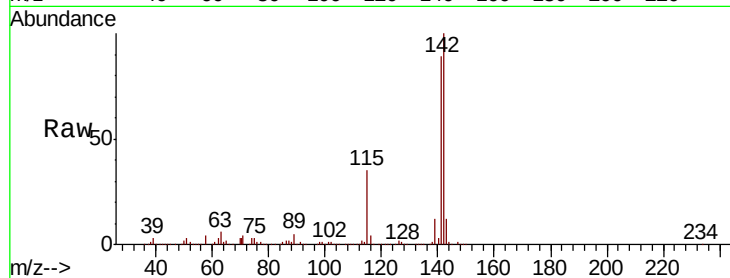
Tot Ion:142 Resp: 1397328

Ion Ratio Lower Upper

142 100

141 89.4 71.1 106.7

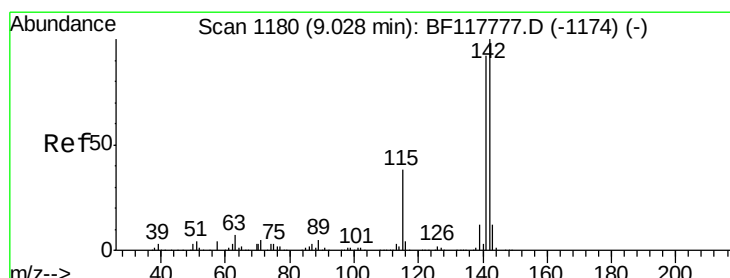
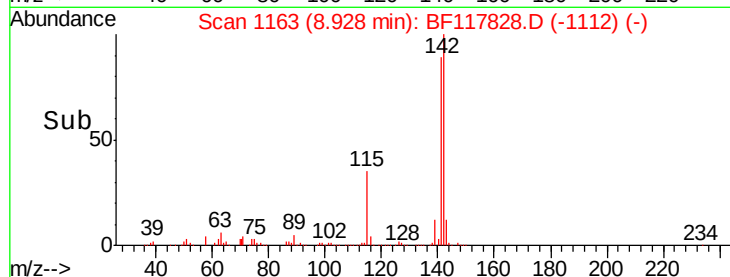
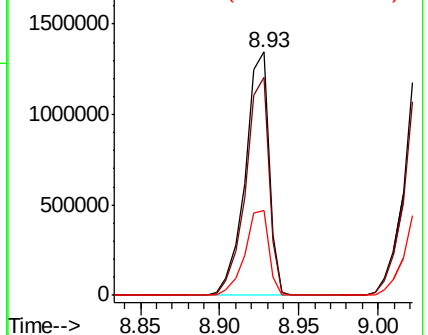
115 35.1 29.2 43.8



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: 43.429 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BF117828.D

Acq: 18 Nov 2019 11:59

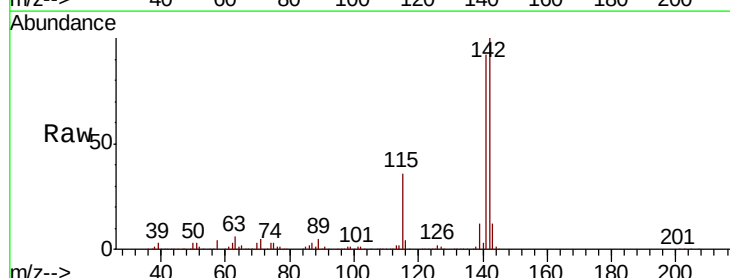
Tgt Ion:142 Resp: 1321793

Ion Ratio Lower Upper

142 100

141 91.6 73.5 110.3

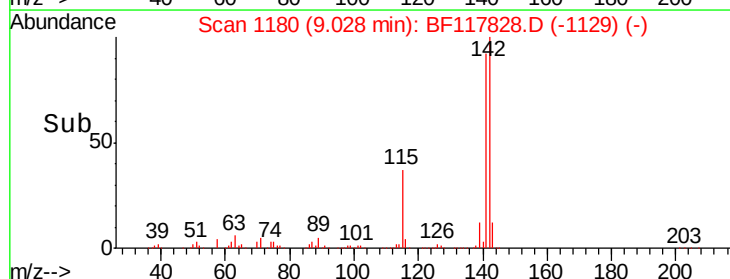
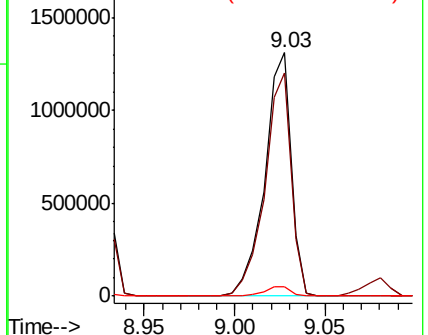
116 3.7 3.2 4.8

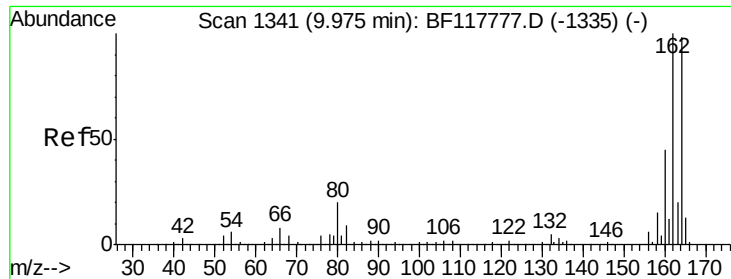


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

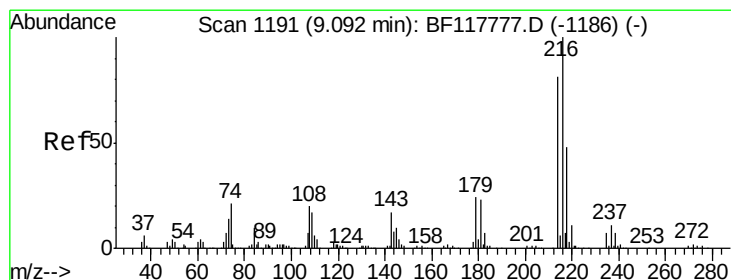
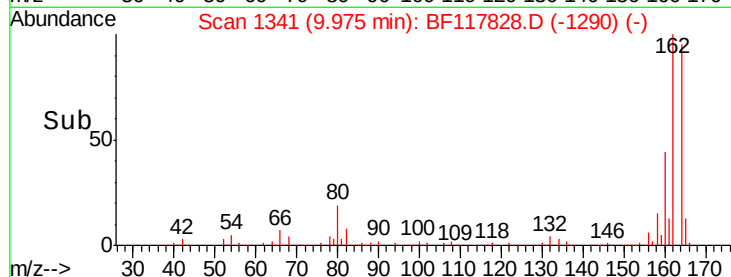
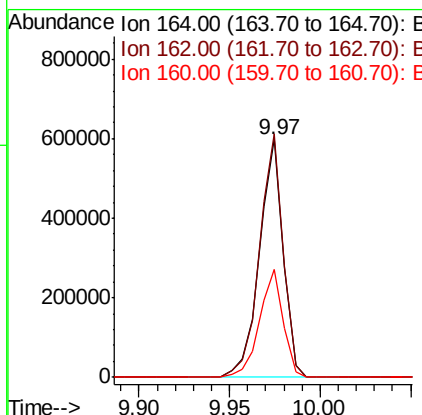
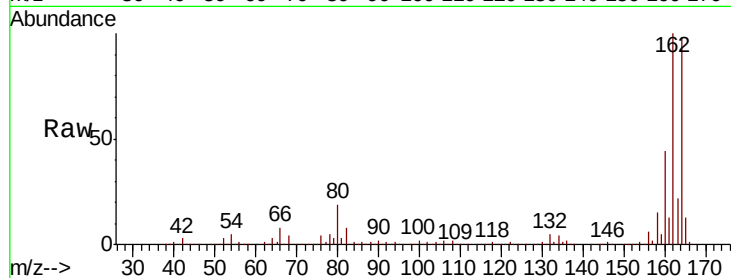




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

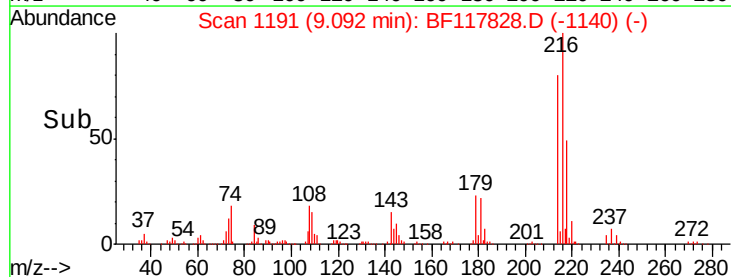
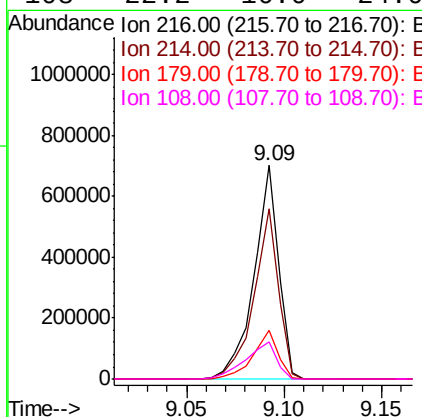
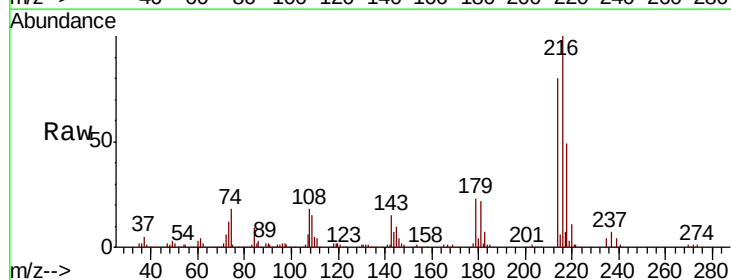
Instrument :
BNA_F
ClientSampleId :

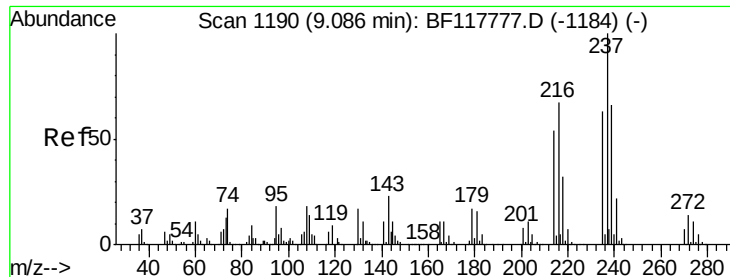
Tot Ion:164 Resp: 544136
Ion Ratio Lower Upper
164 100
162 102.3 81.3 121.9
160 45.4 36.6 55.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.815 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Tgt Ion:216 Resp: 613357
Ion Ratio Lower Upper
216 100
214 79.6 63.4 95.0
179 22.8 18.2 27.4
108 22.2 16.0 24.0





#41

Hexachlorocyclopentadiene

Concen: 85.981 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF117828.D

Acq: 18 Nov 2019 11:59

Instrument :

BNA_F

ClientSampled :

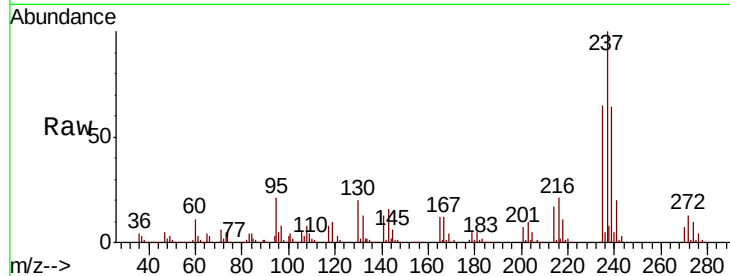
Tot Ion:237 Resp: 761414

Ion Ratio Lower Upper

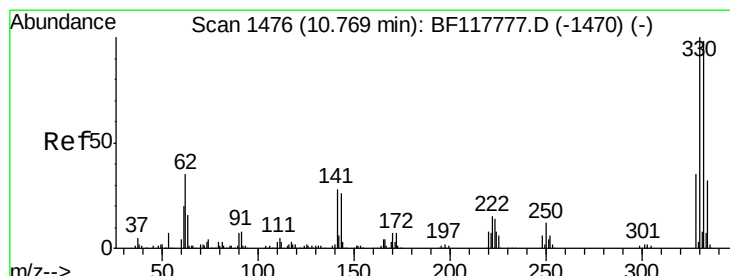
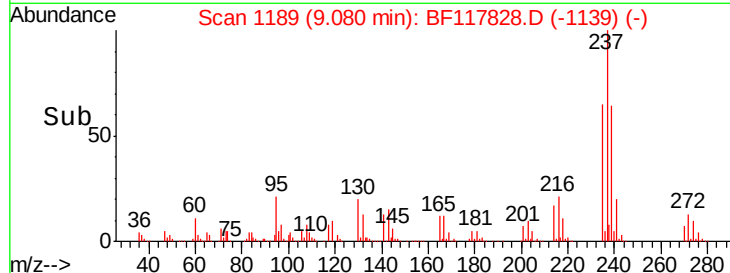
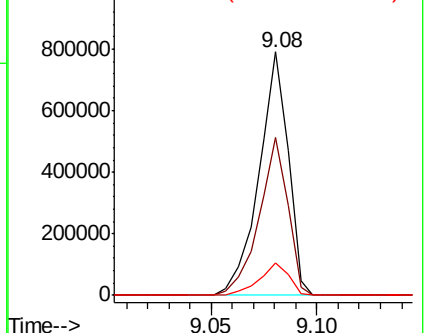
237 100

235 64.9 42.6 82.6

272 13.1 0.0 34.3



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: 115.390 ng

RT: 10.77 min Scan# 1476

Delta R.T. -0.00 min

Lab File: BF117828.D

Acq: 18 Nov 2019 11:59

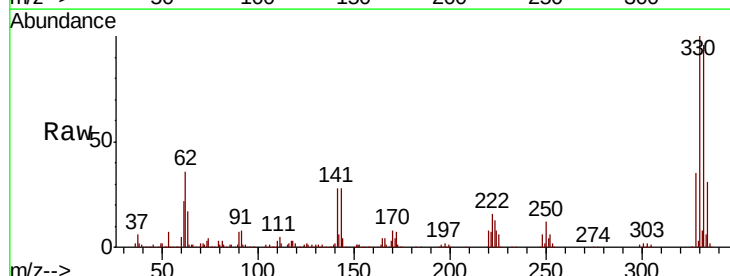
Tgt Ion:330 Resp: 664731

Ion Ratio Lower Upper

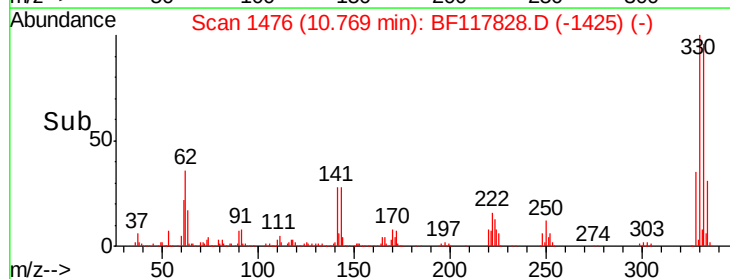
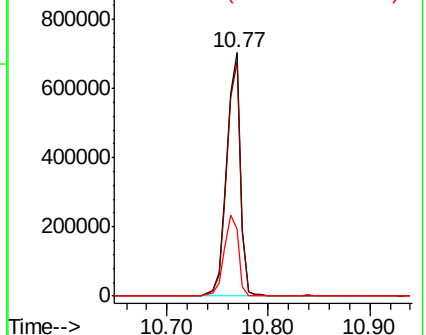
330 100

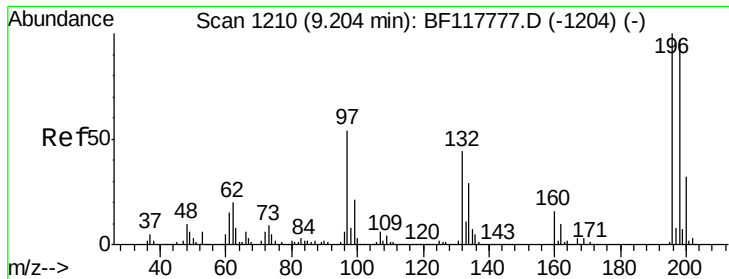
332 96.6 76.7 115.1

141 34.4 27.7 41.5



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

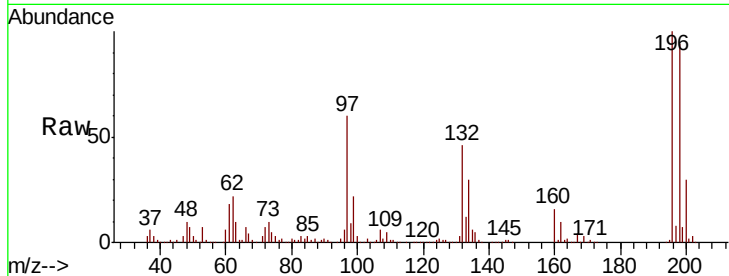




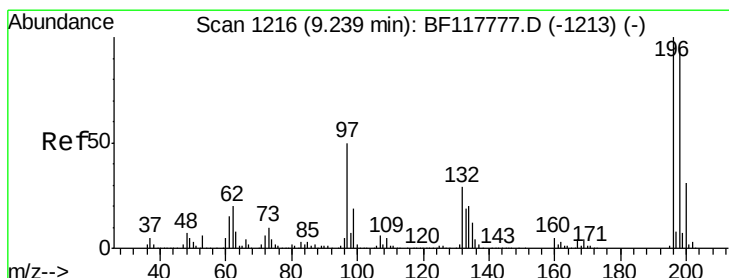
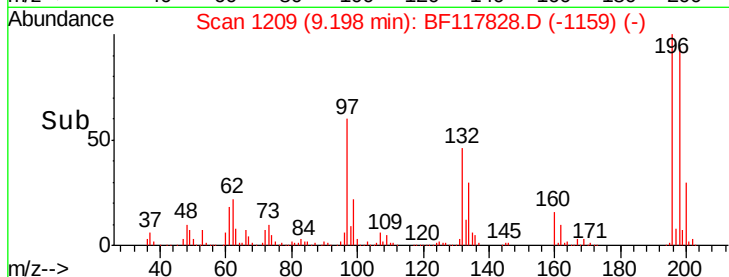
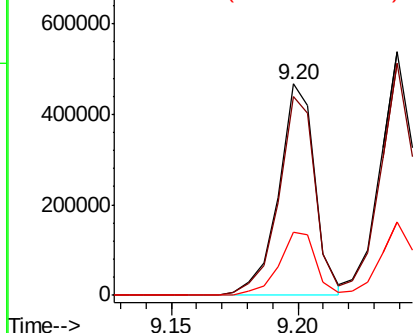
#43
 2,4,6-Trichlorophenol
 Concen: 41.346 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF117828.D
 Acq: 18 Nov 2019 11:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 467974
 Ion Ratio Lower Upper
 196 100
 198 94.2 77.8 116.6
 200 29.8 25.4 38.0



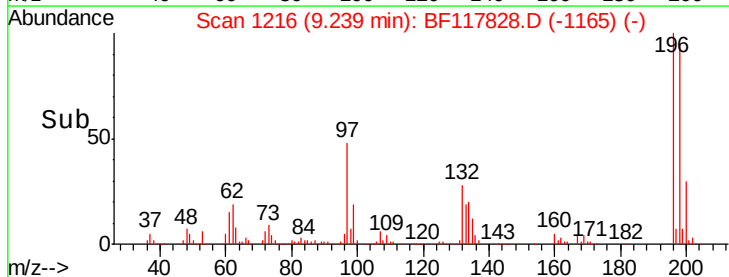
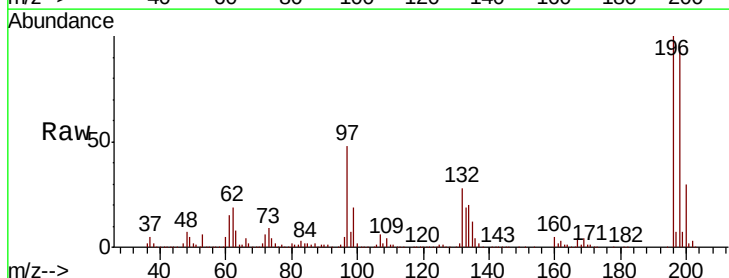
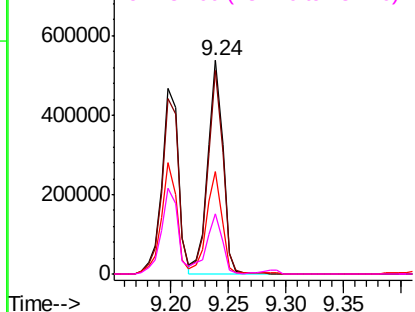
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

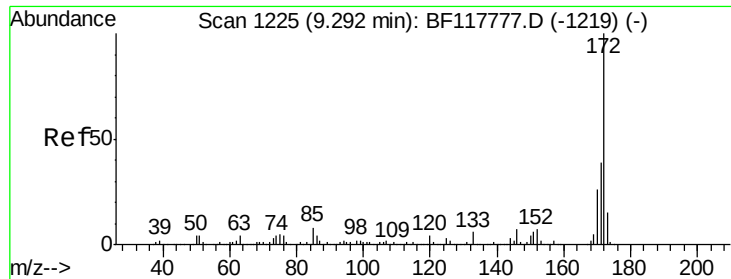


#44
 2,4,5-Trichlorophenol
 Concen: 42.071 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF117828.D
 Acq: 18 Nov 2019 11:59

Tgt Ion:196 Resp: 494402
 Ion Ratio Lower Upper
 196 100
 198 95.1 76.3 114.5
 97 48.0 40.0 60.0
 132 28.4 23.6 35.4

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

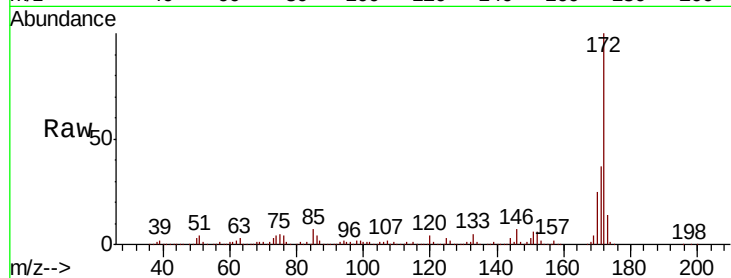




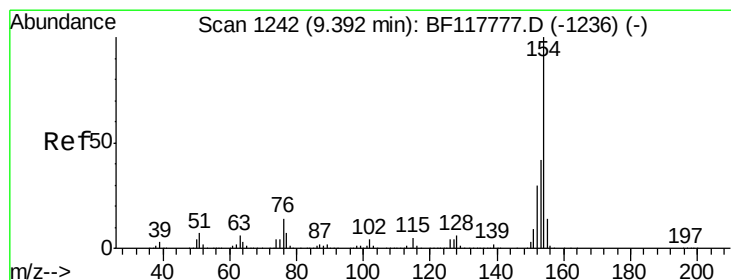
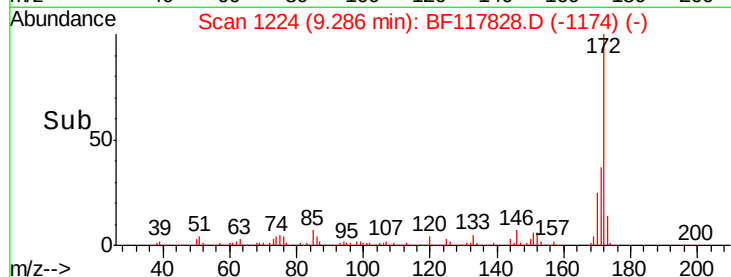
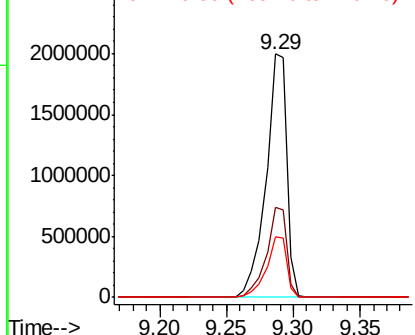
#45
2-Fluorobiphenyl
Concen: 71.185 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2159065
Ion Ratio Lower Upper
172 100
171 37.1 30.9 46.3
170 24.8 21.0 31.4

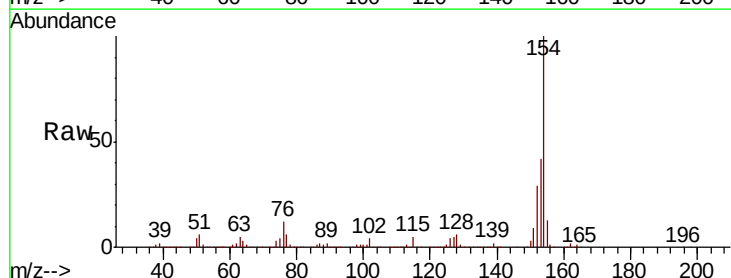


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

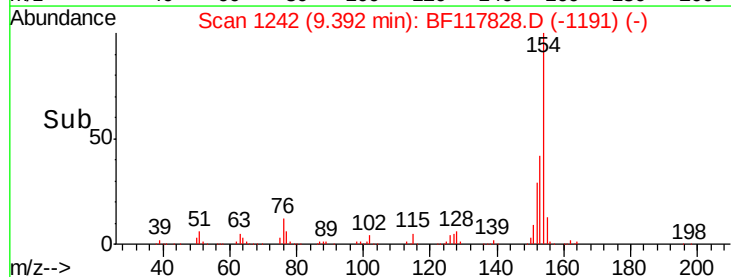
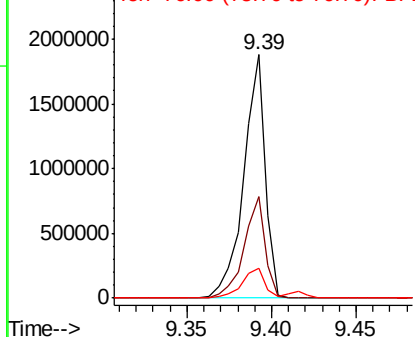


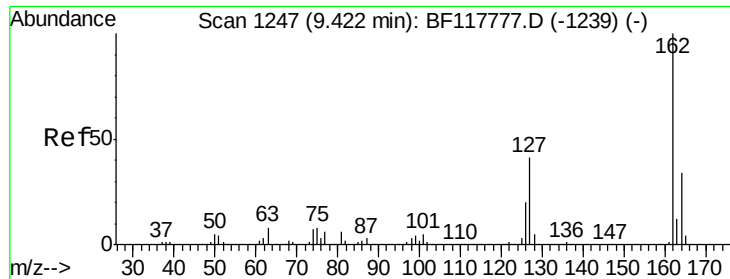
#46
1,1'-Biphenyl
Concen: 41.359 ng
RT: 9.39 min Scan# 1242
Delta R.T. -0.00 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Tgt Ion:154 Resp: 1669657
Ion Ratio Lower Upper
154 100
153 41.9 21.9 61.9
76 12.5 0.0 33.6



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

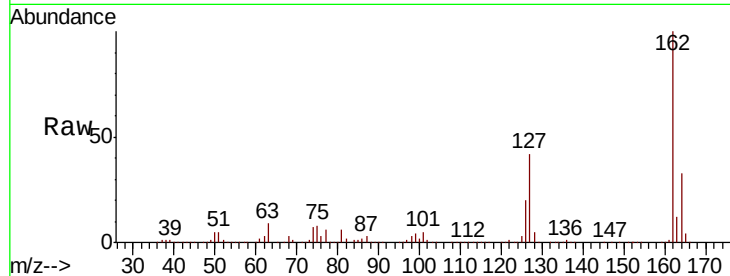




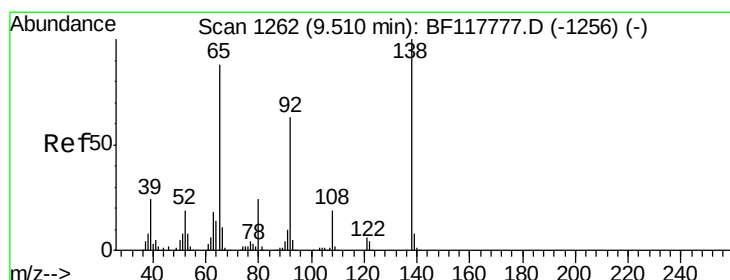
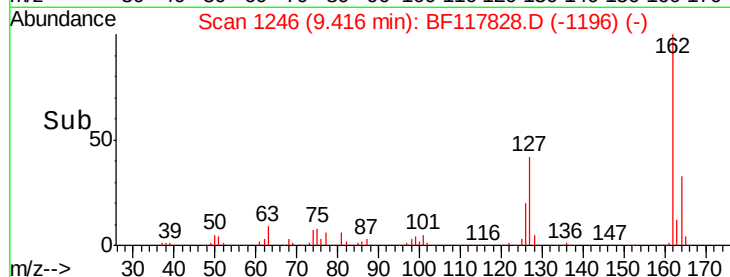
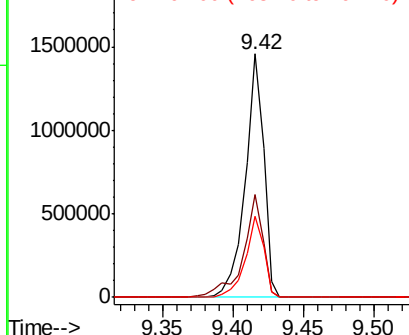
#47
 2-Chloronaphthalene
 Concen: 39.906 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.01 min
 Lab File: BF117828.D
 Acq: 18 Nov 2019 11:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1325293
 Ion Ratio Lower Upper
 162 100
 127 42.5 33.2 49.8
 164 33.3 27.3 40.9

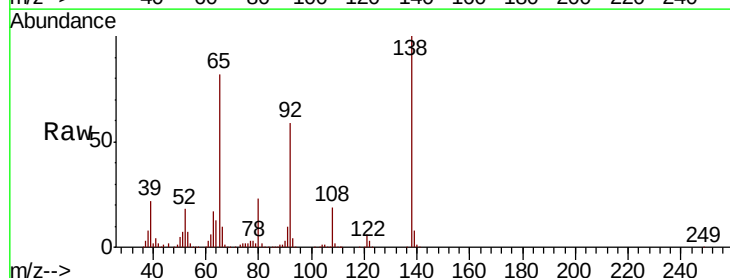


Abundance Ion 162.00 (161.70 to 162.70): E
 2000000
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

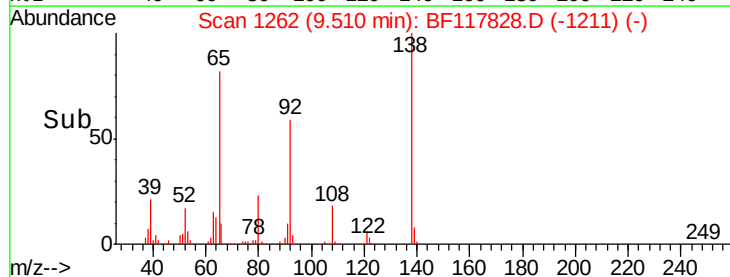
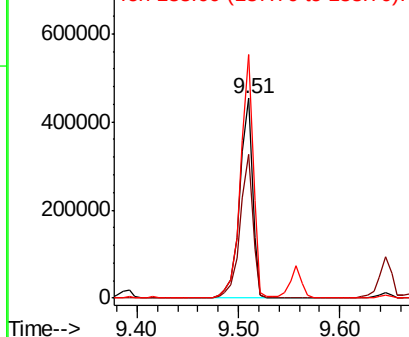


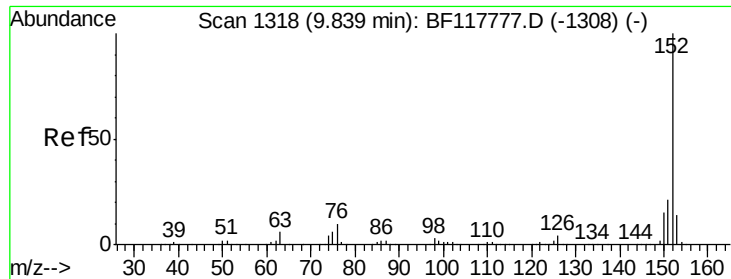
#48
 2-Nitroaniline
 Concen: 40.339 ng
 RT: 9.51 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: BF117828.D
 Acq: 18 Nov 2019 11:59

Tgt Ion: 65 Resp: 404450
 Ion Ratio Lower Upper
 65 100
 92 72.0 56.6 84.8
 138 122.0 90.5 135.7



Abundance Ion 65.00 (64.70 to 65.70): BF1
 600000
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.298 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF117828.D

Acq: 18 Nov 2019 11:59

Instrument :

BNA_F

ClientSampled :

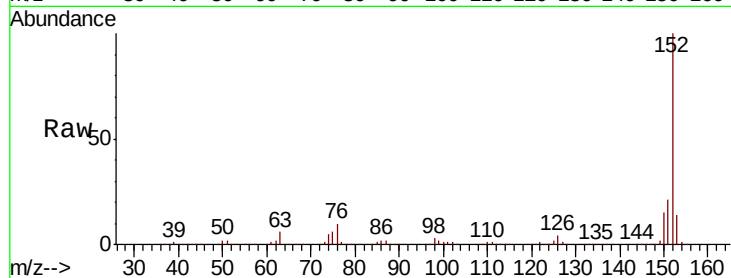
Tot Ion:152 Resp: 2048020

Ion Ratio Lower Upper

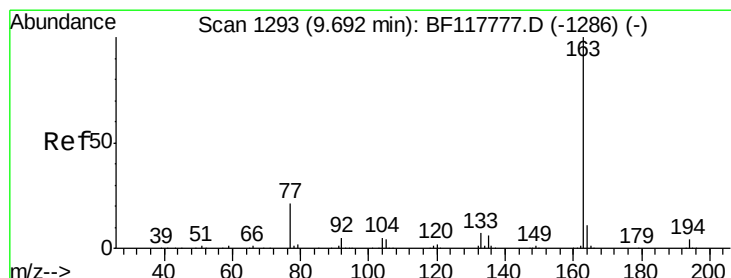
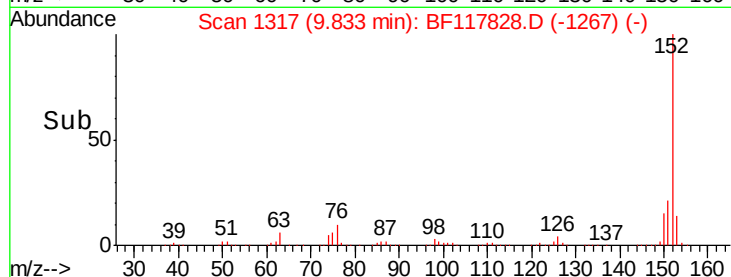
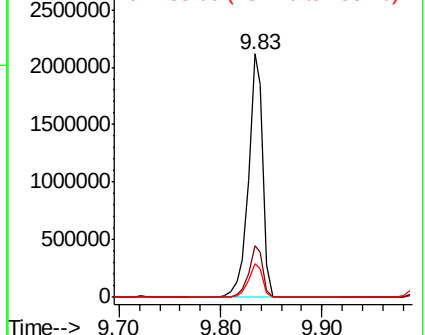
152 100

151 21.1 17.0 25.6

153 14.0 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.624 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BF117828.D

Acq: 18 Nov 2019 11:59

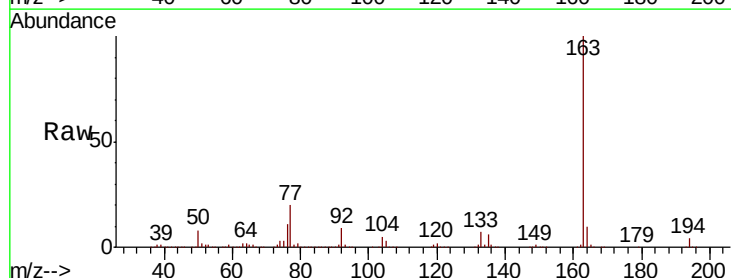
Tgt Ion:163 Resp: 1511934

Ion Ratio Lower Upper

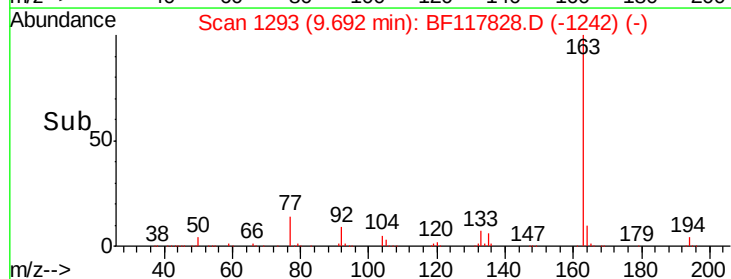
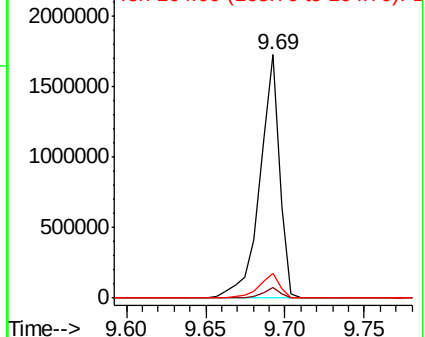
163 100

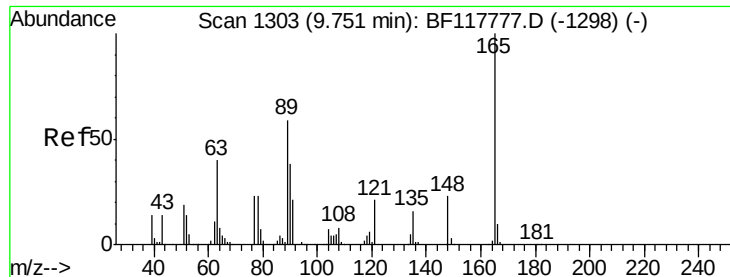
194 4.2 3.3 4.9

164 10.3 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.400 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BF117828.D

Acq: 18 Nov 2019 11:59

Instrument :

BNA_F

ClientSampleId :

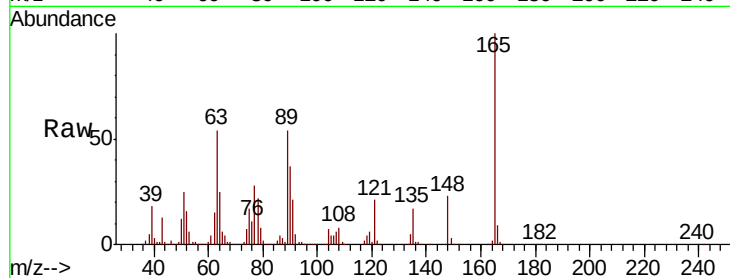
Tot Ion:165 Resp: 353586

Ion Ratio Lower Upper

165 100

63 53.9 46.0 69.0

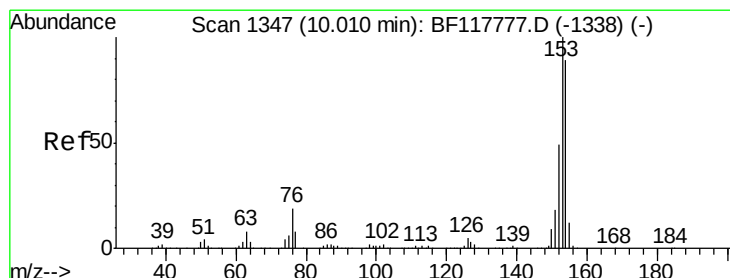
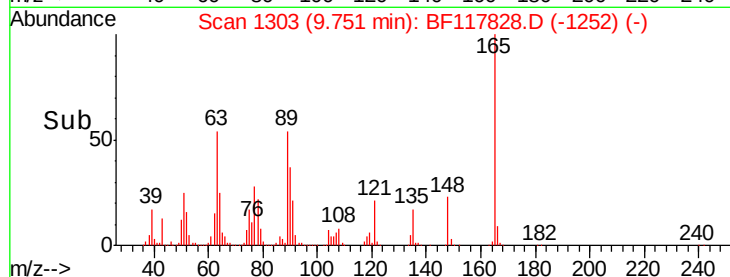
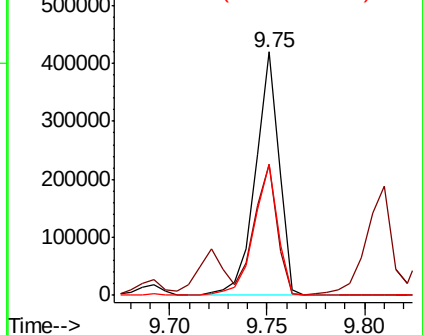
89 54.0 47.7 71.5



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: 44.655 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.00 min

Lab File: BF117828.D

Acq: 18 Nov 2019 11:59

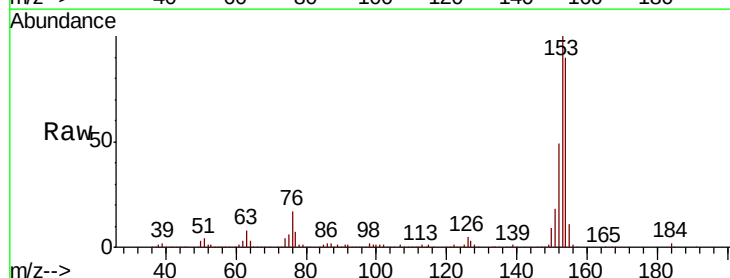
Tgt Ion:154 Resp: 1385071

Ion Ratio Lower Upper

154 100

153 111.4 90.1 135.1

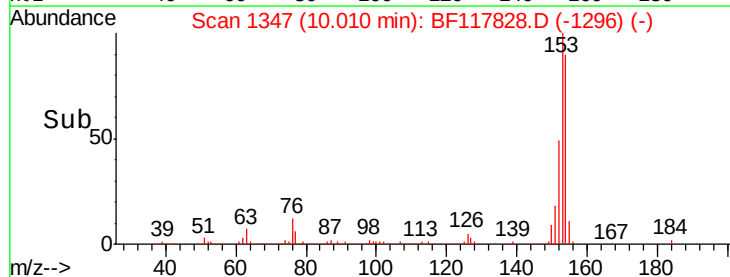
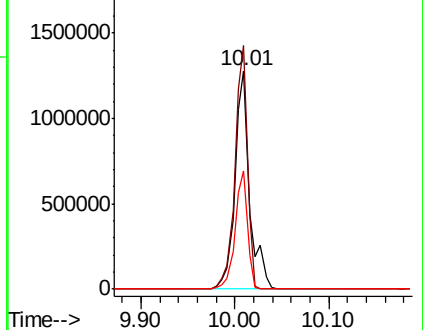
152 54.3 44.0 66.0

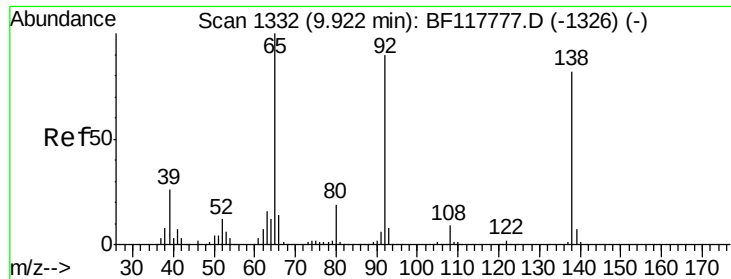


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

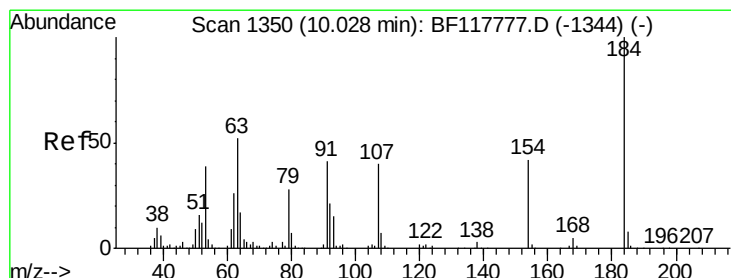
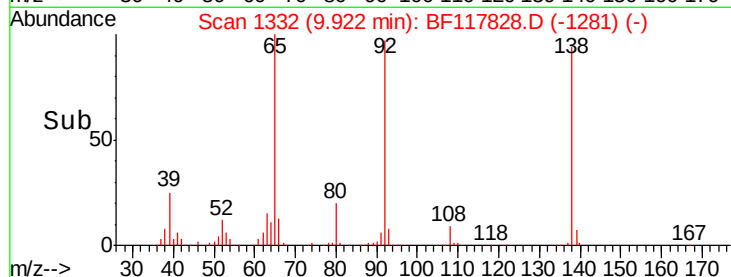
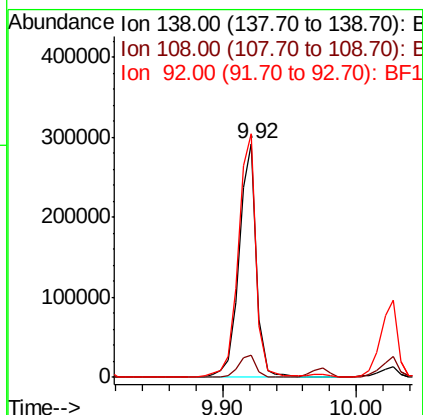
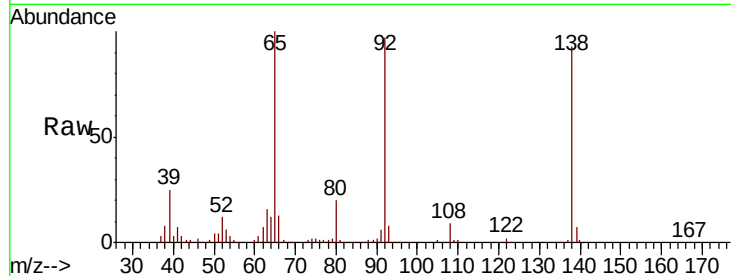




#53
3-Nitroaniline
Concen: 26.546 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

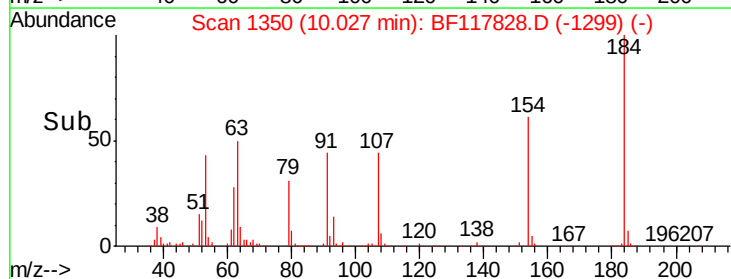
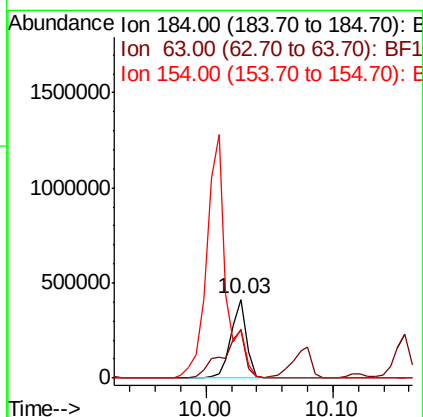
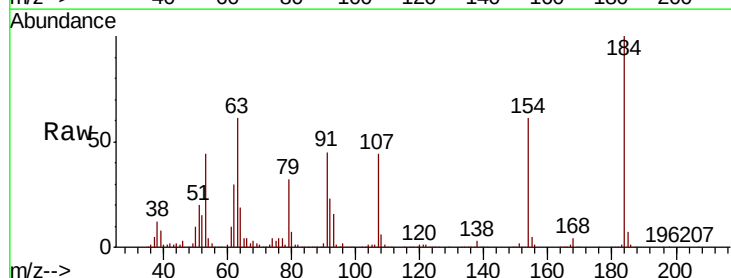
Instrument :
BNA_F
ClientSampleId :

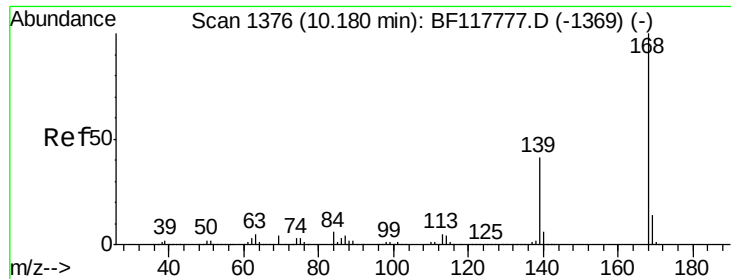
Tot Ion:138 Resp: 264895
Ion Ratio Lower Upper
138 100
108 9.6 8.6 12.8
92 104.2 87.9 131.9



#54
2,4-Dinitrophenol
Concen: 80.954 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Tgt Ion:184 Resp: 347286
Ion Ratio Lower Upper
184 100
63 60.9 43.0 64.6
154 61.5 48.0 72.0

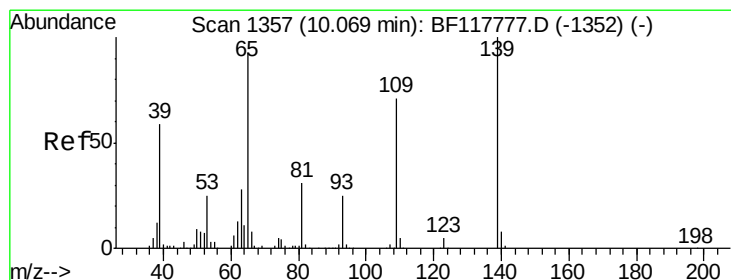
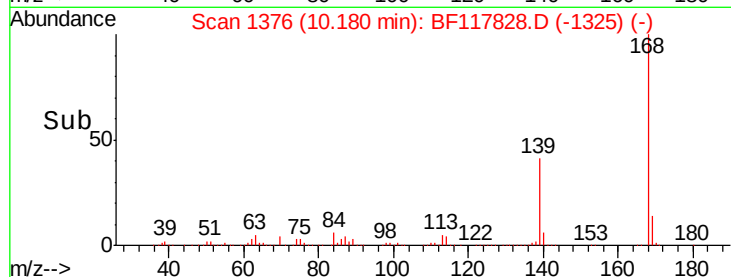
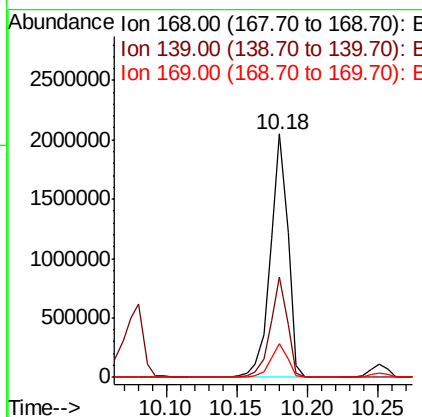
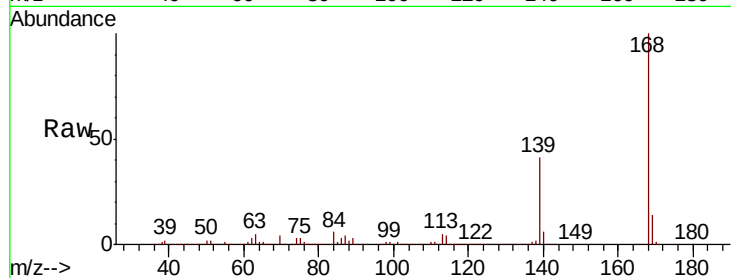




#55
Dibenzofuran
Concen: 41.682 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.00 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

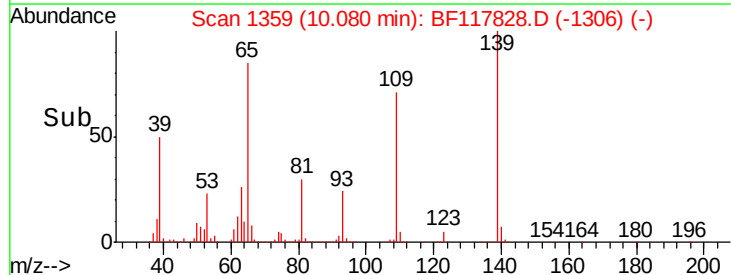
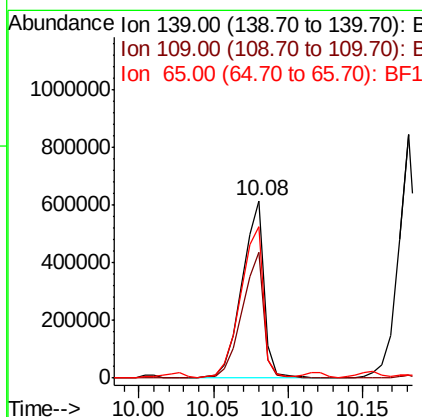
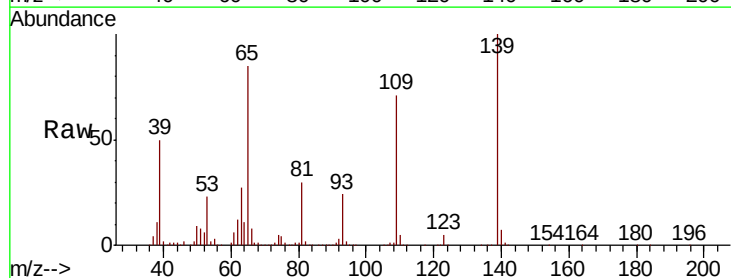
Instrument :
BNA_F
ClientSampleId :

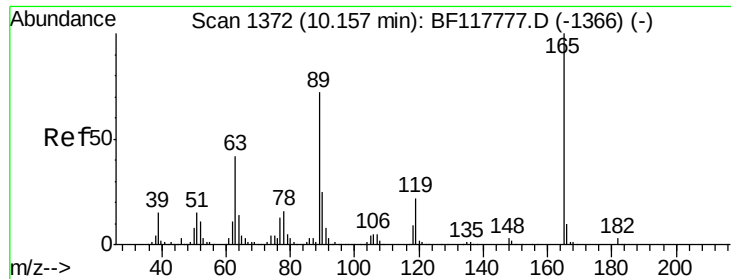
Tot Ion:168 Resp: 1790275
Ion Ratio Lower Upper
168 100
139 41.2 33.0 49.6
169 14.0 11.5 17.3



#56
4-Nitrophenol
Concen: 84.181 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.01 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Tgt Ion:139 Resp: 627013
Ion Ratio Lower Upper
139 100
109 70.7 50.8 90.8
65 85.2 73.6 113.6

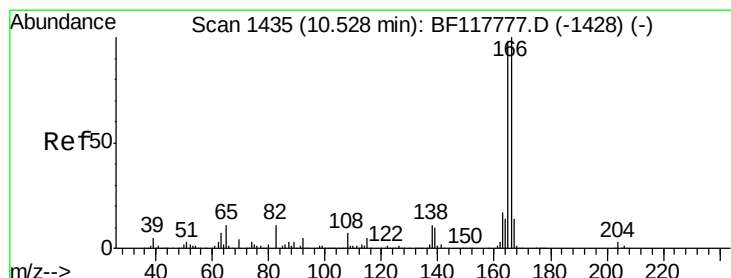
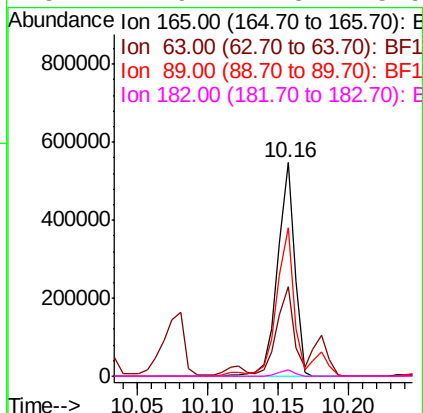
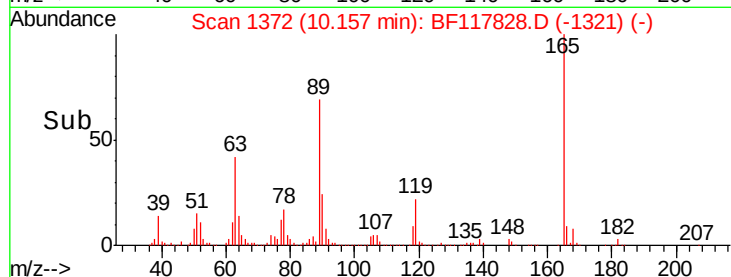
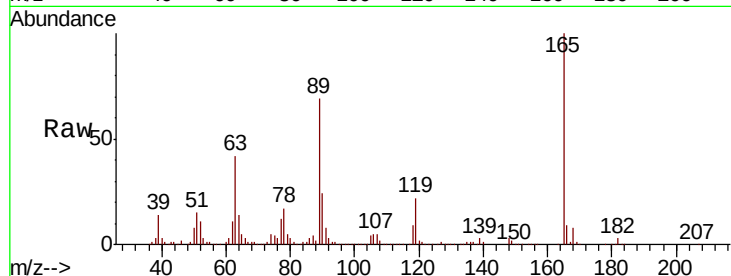




#57
2,4-Dinitrotoluene
Concen: 43.913 ng
RT: 10.16 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

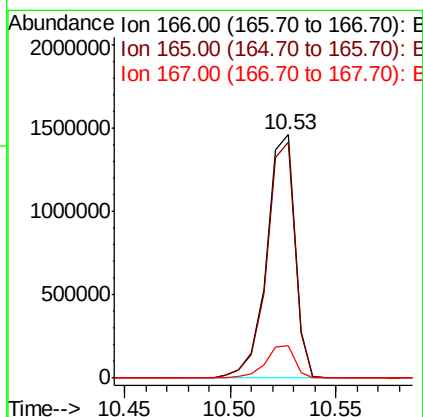
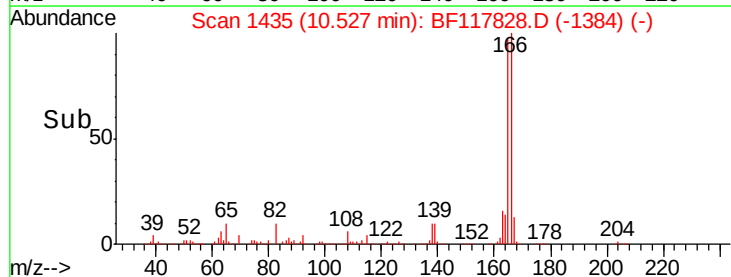
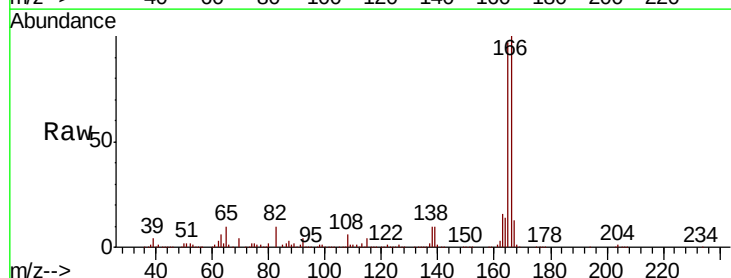
Instrument :
BNA_F
ClientSampleId :

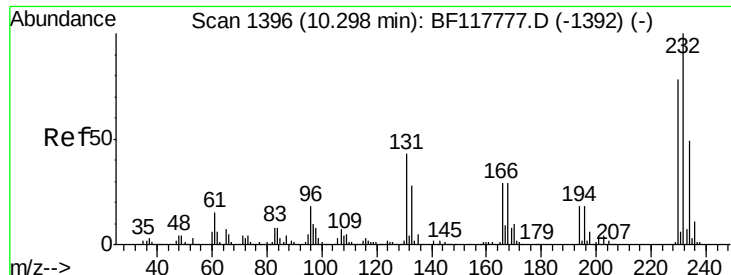
Tot Ion	Ratio	Lower	Upper
165	100		
63	42.1	33.7	50.5
89	69.5	57.3	85.9
182	2.9	2.3	3.5



#58
Fluorene
Concen: 40.924 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.8	78.4	117.6
167	13.3	11.0	16.4

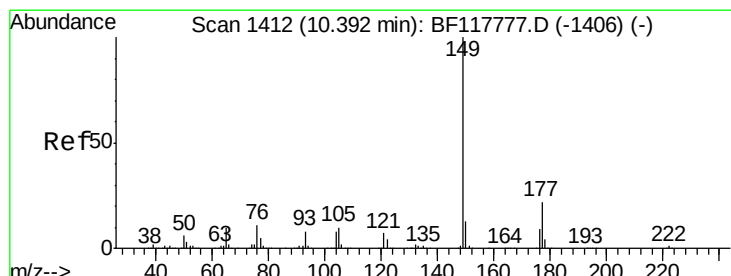
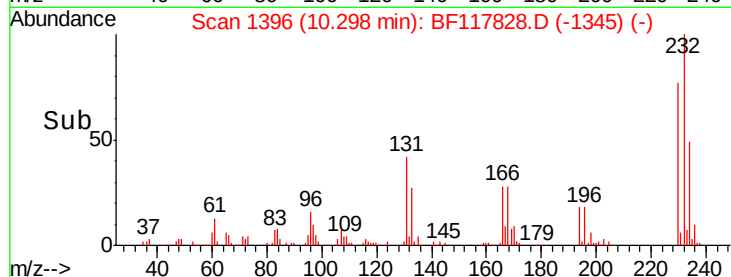
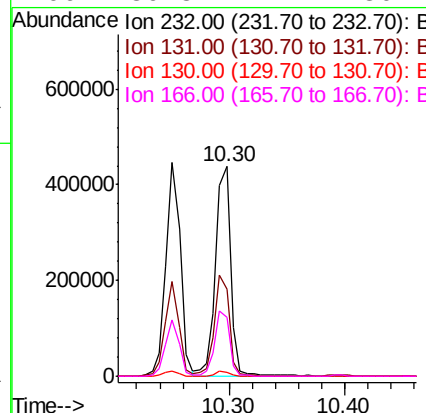
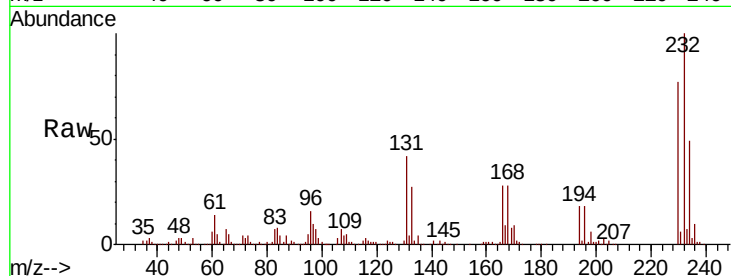




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.535 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.00 min
 Lab File: BF117828.D
 Acq: 18 Nov 2019 11:59

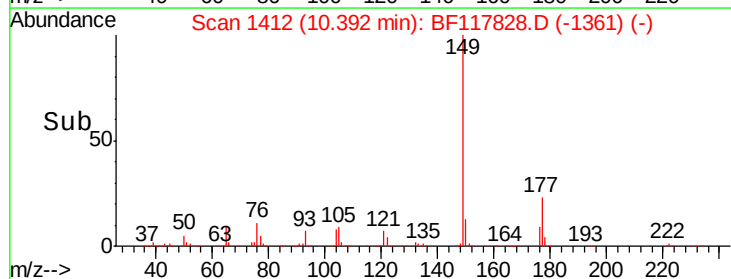
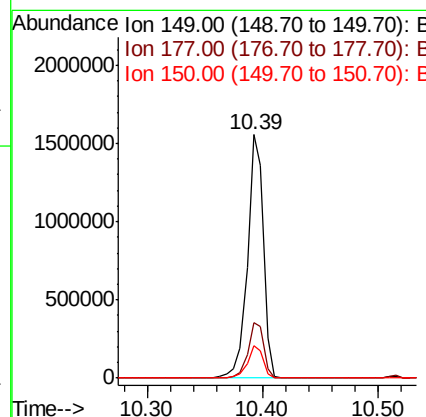
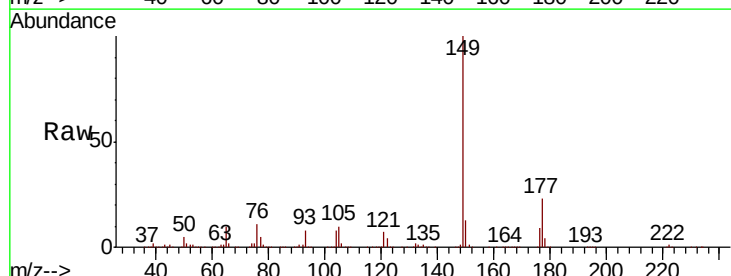
Instrument :
 BNA_F
 ClientSampleId :

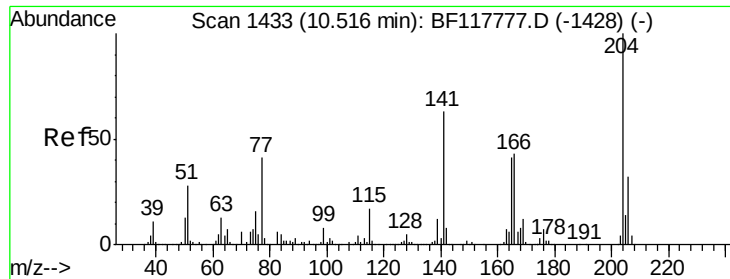
Tot Ion:	232	Resp:	401058
Ion	Ratio	Lower	Upper
232	100		
131	47.9	37.6	56.4
130	2.4	1.9	2.9
166	30.8	24.2	36.4



#60
 Diethylphthalate
 Concen: 39.809 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.00 min
 Lab File: BF117828.D
 Acq: 18 Nov 2019 11:59

Tgt Ion:	149	Resp:	1480930
Ion	Ratio	Lower	Upper
149	100		
177	22.7	18.0	27.0
150	13.1	10.5	15.7

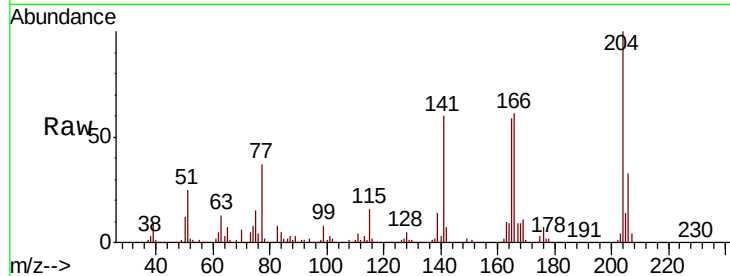




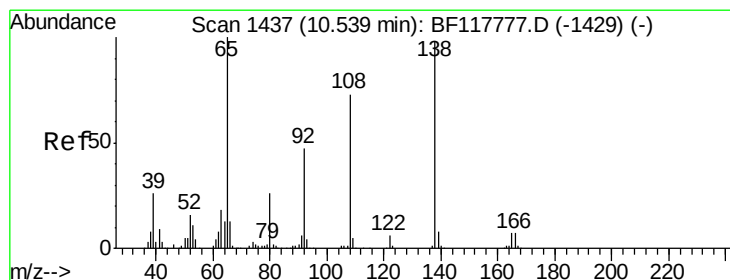
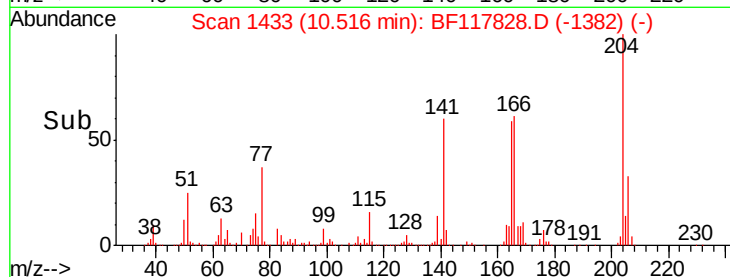
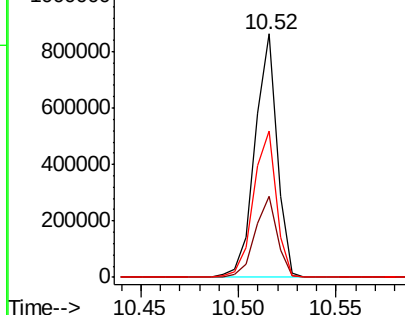
#61
4-Chlorophenyl-phenylether
Concen: 40.244 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	25.6	38.4
141	60.2	50.7	76.1

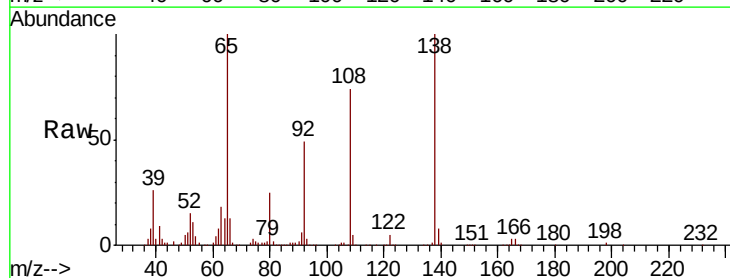


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

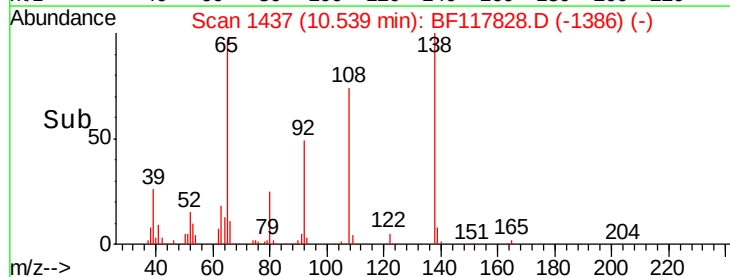
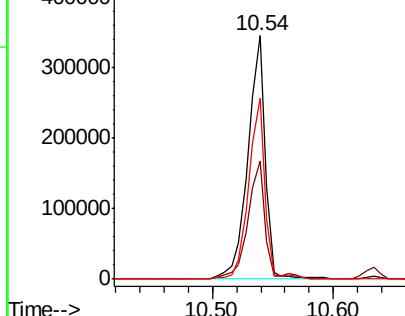


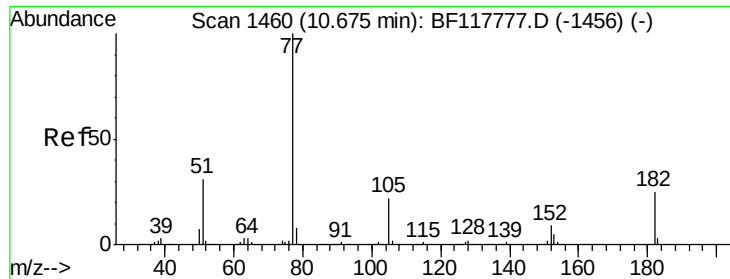
#62
4-Nitroaniline
Concen: 35.064 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.5	28.3	68.3
108	74.2	54.3	94.3



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

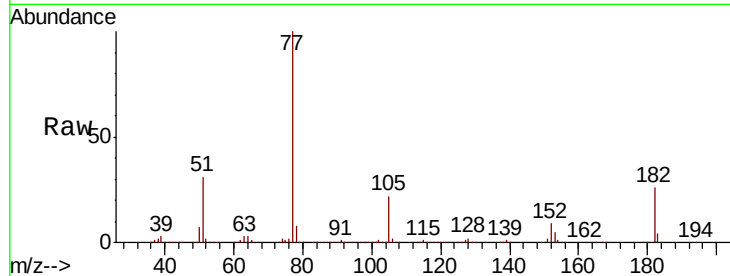




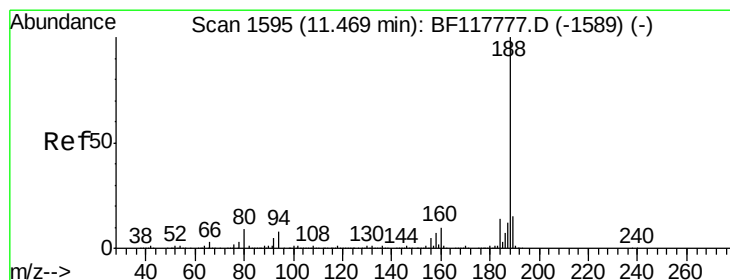
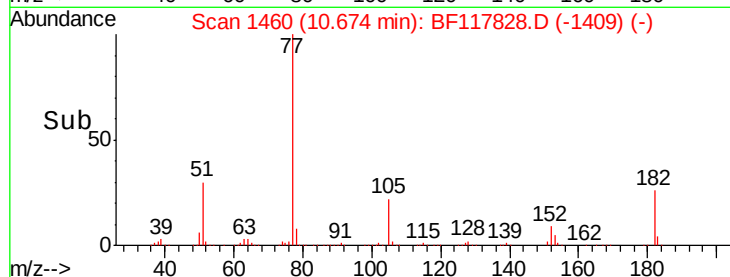
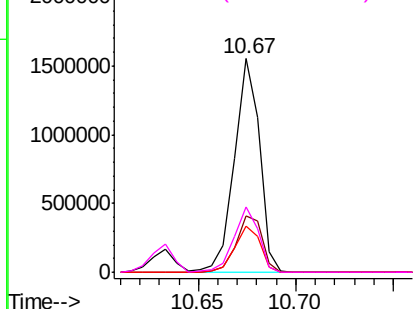
#63
Azobenzene
Concen: 40.853 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1382634
Ion Ratio Lower Upper
77 100
182 26.2 4.8 44.8
105 21.9 2.1 42.1
51 30.5 11.4 51.4

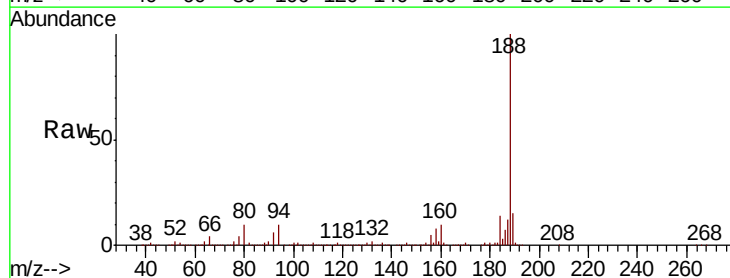


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

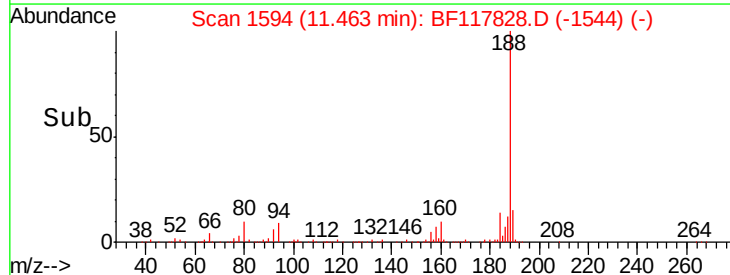
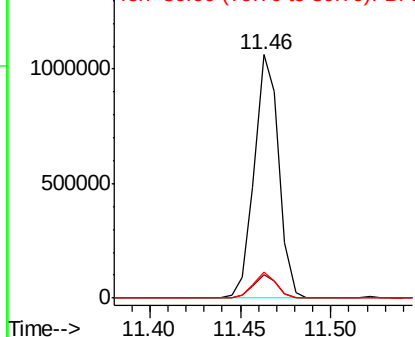


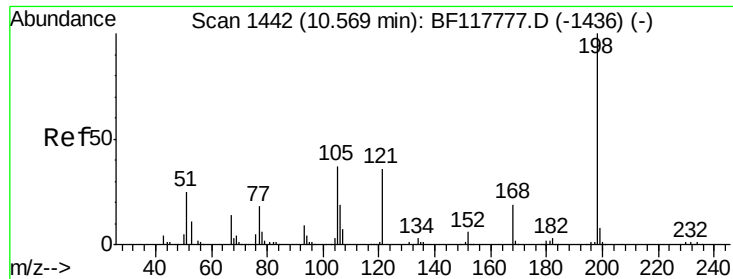
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Tgt Ion: 188 Resp: 996479
Ion Ratio Lower Upper
188 100
94 9.5 6.6 10.0
80 10.5 7.2 10.8



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

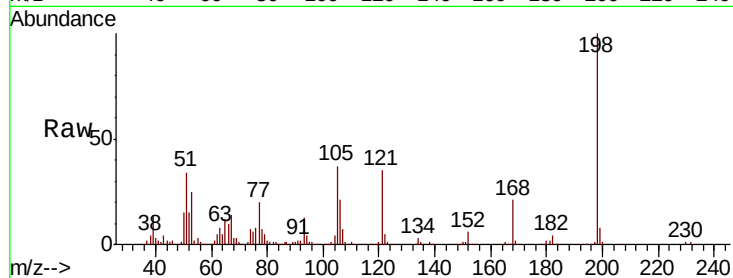




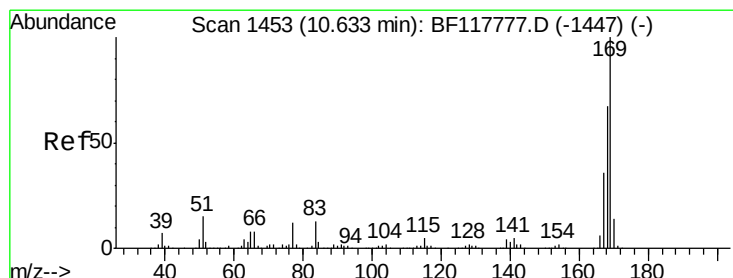
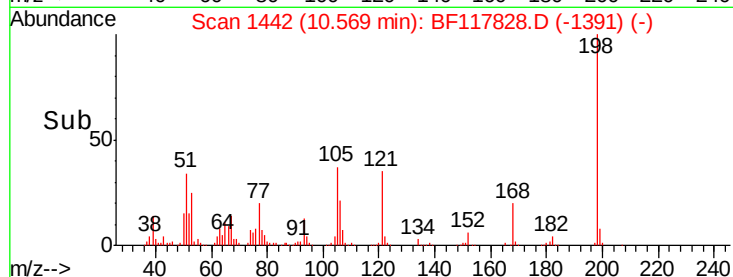
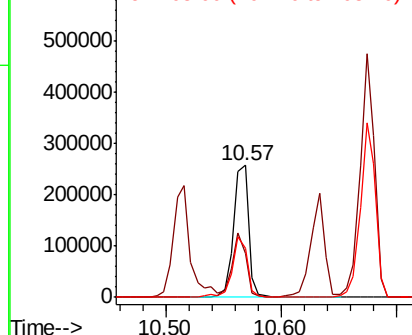
#65
4,6-Dinitro-2-methylphenol
Concen: 50.311 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 234043
Ion Ratio Lower Upper
198 100
51 33.8 16.0 56.0
105 37.3 19.1 59.1

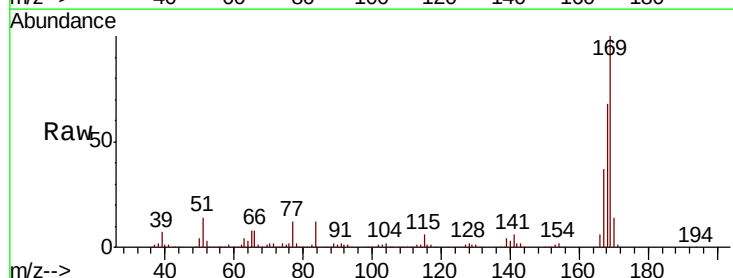


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

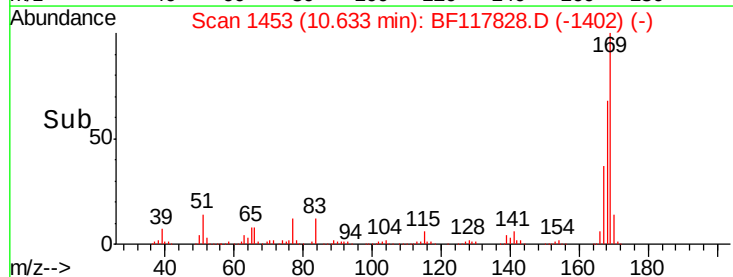
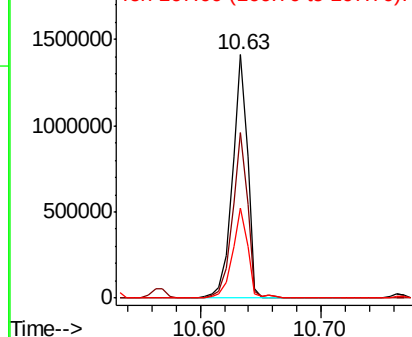


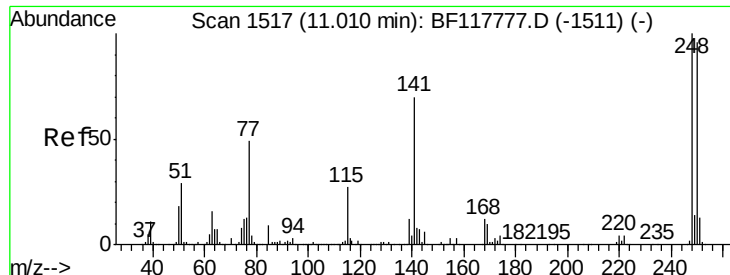
#66
n-Nitrosodiphenylamine
Concen: 42.063 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.00 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Tgt Ion:169 Resp: 1219857
Ion Ratio Lower Upper
169 100
168 67.8 53.5 80.3
167 37.1 29.0 43.4



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

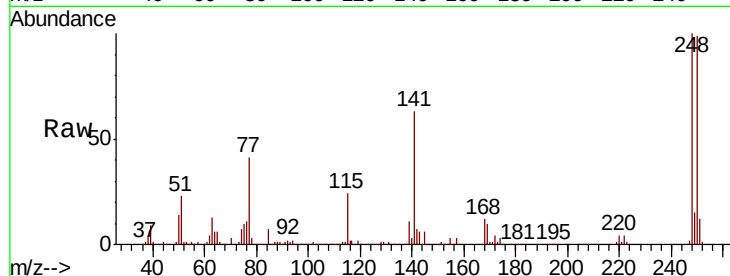




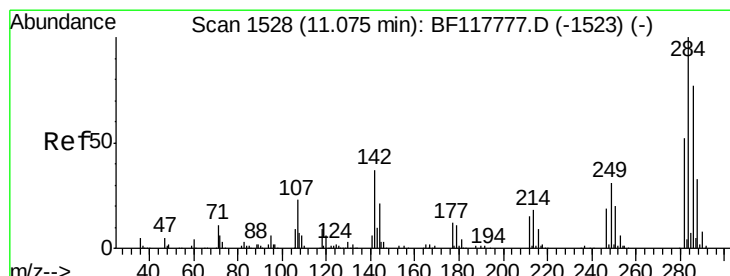
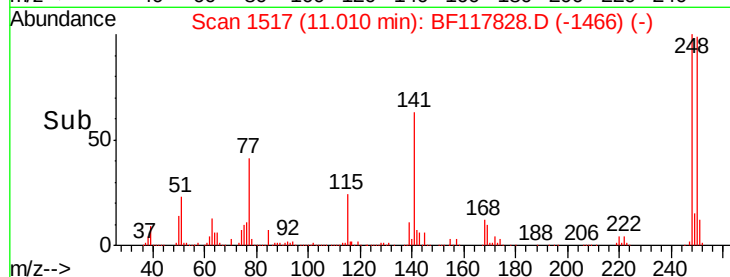
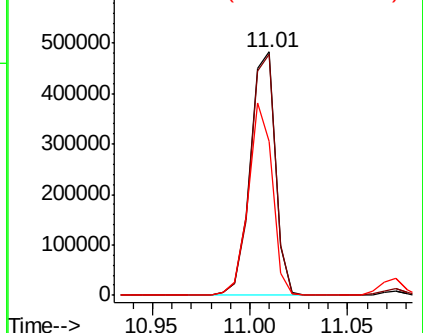
#67
4-Bromophenyl-phenylether
Concen: 40.209 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.00 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 432327
Ion Ratio Lower Upper
248 100
250 98.9 76.6 115.0
141 63.3 55.9 83.9

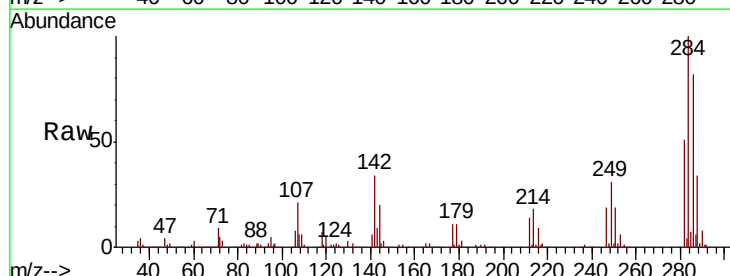


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

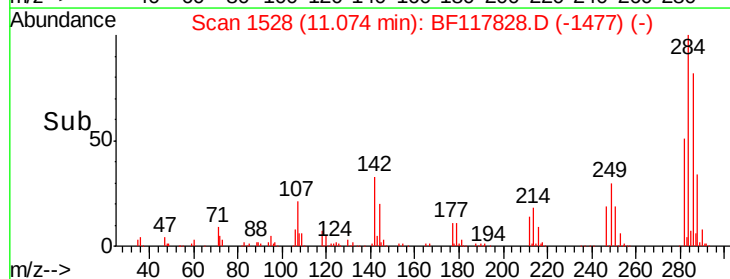
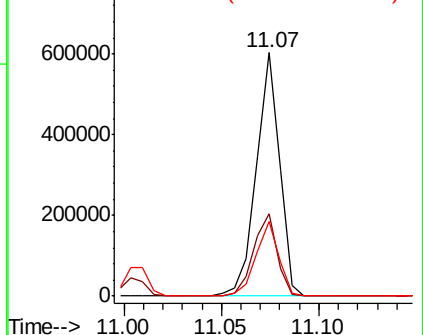


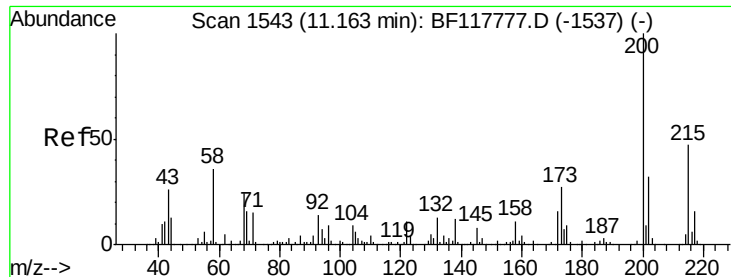
#68
Hexachlorobenzene
Concen: 39.768 ng
RT: 11.07 min Scan# 1528
Delta R.T. -0.00 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Tgt Ion:284 Resp: 498578
Ion Ratio Lower Upper
284 100
142 33.7 29.4 44.2
249 30.5 24.6 37.0



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

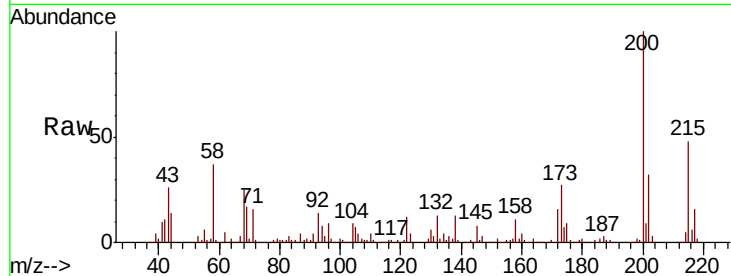




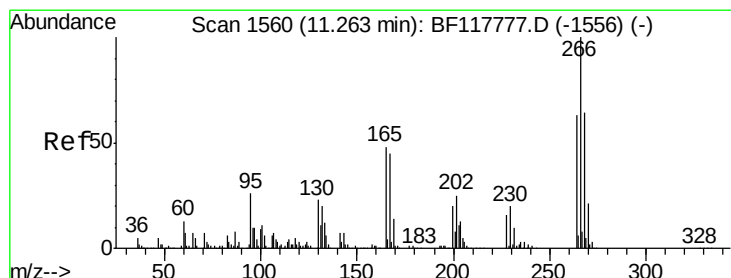
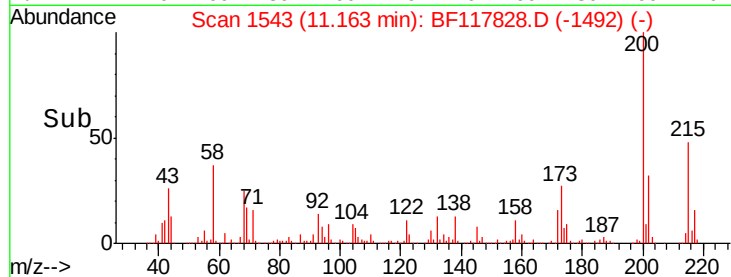
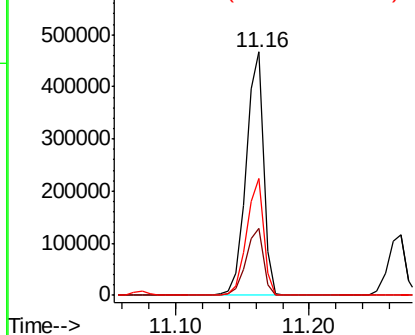
#69
 Atrazine
 Concen: 43.717 ng
 RT: 11.16 min Scan# 1543
 Delta R.T. -0.00 min
 Lab File: BF117828.D
 Acq: 18 Nov 2019 11:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:200 Resp: 417054
 Ion Ratio Lower Upper
 200 100
 173 27.4 6.7 46.7
 215 48.2 27.5 67.5

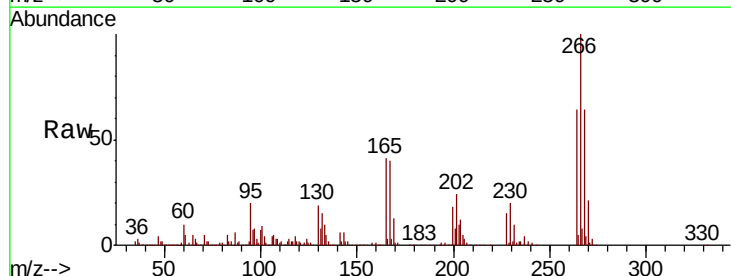


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

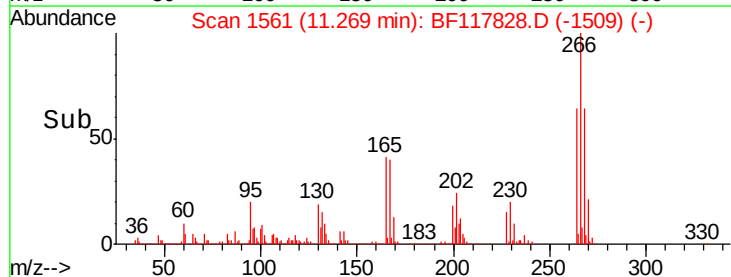
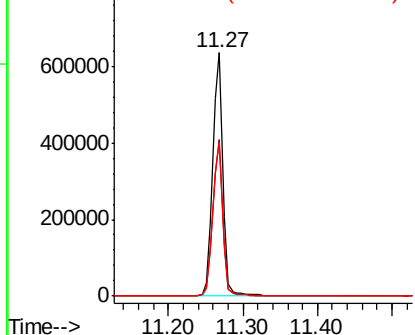


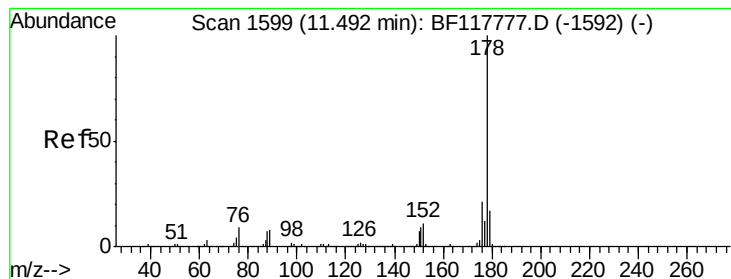
#70
 Pentachlorophenol
 Concen: 81.433 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. 0.01 min
 Lab File: BF117828.D
 Acq: 18 Nov 2019 11:59

Tgt Ion:266 Resp: 596464
 Ion Ratio Lower Upper
 266 100
 268 64.4 50.8 76.2
 264 63.5 50.7 76.1



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: 40.487 ng

RT: 11.49 min Scan# 1599

Delta R.T. -0.00 min

Lab File: BF117828.D

Acq: 18 Nov 2019 11:59

Instrument :

BNA_F

ClientSampleId :

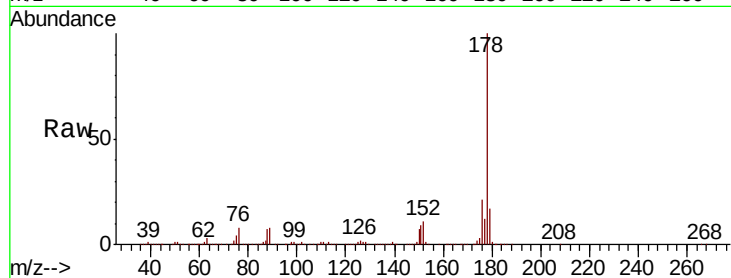
Tot Ion:178 Resp: 2028406

Ion Ratio Lower Upper

178 100

176 21.2 16.6 25.0

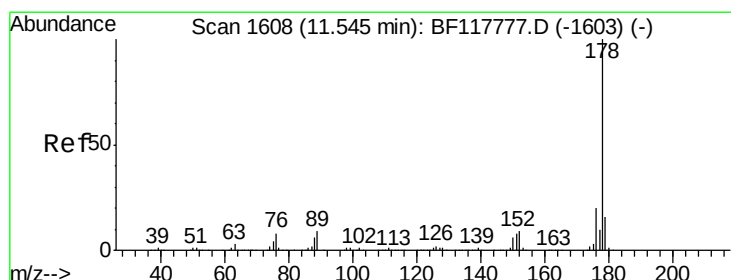
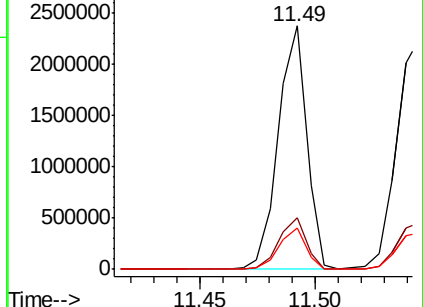
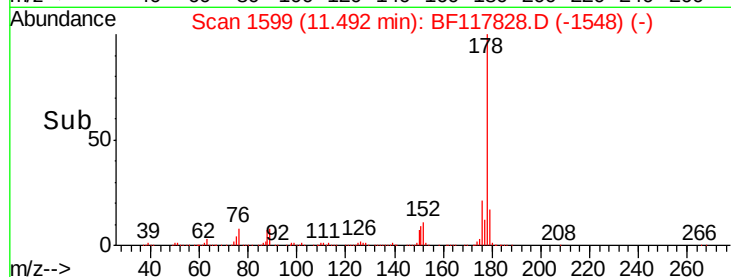
179 16.9 13.2 19.8



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: 42.064 ng

RT: 11.55 min Scan# 1608

Delta R.T. -0.00 min

Lab File: BF117828.D

Acq: 18 Nov 2019 11:59

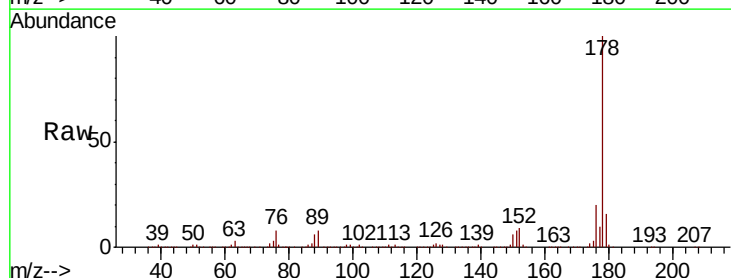
Tgt Ion:178 Resp: 2089424

Ion Ratio Lower Upper

178 100

176 19.9 16.1 24.1

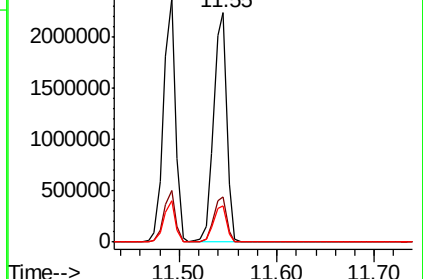
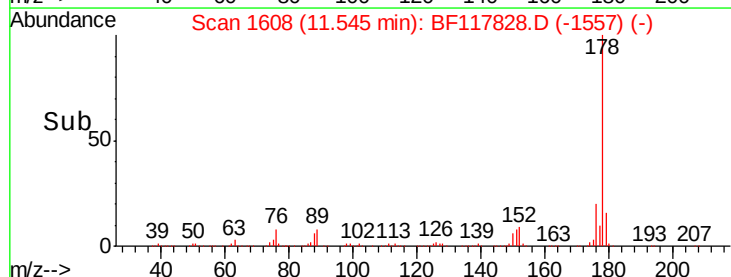
179 16.0 13.0 19.4

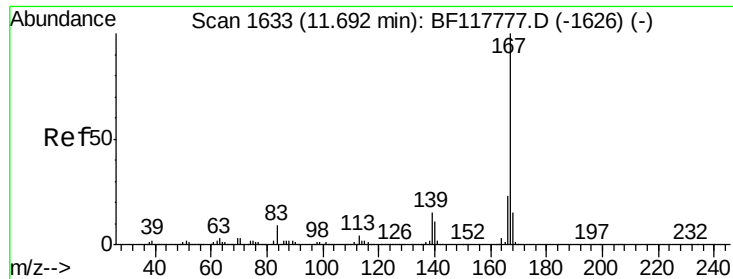


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 42.325 ng

RT: 11.69 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BF117828.D

Acq: 18 Nov 2019 11:59

Instrument :

BNA_F

ClientSampleId :

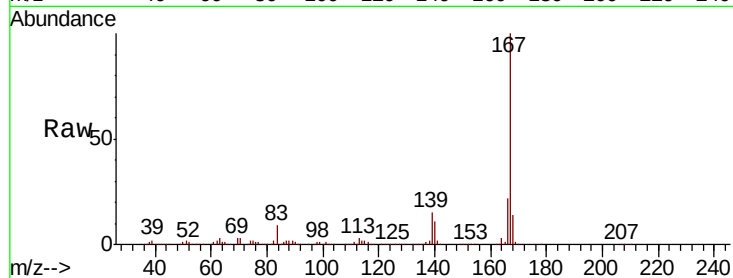
Tot Ion:167 Resp: 1837173

Ion Ratio Lower Upper

167 100

166 22.5 18.0 27.0

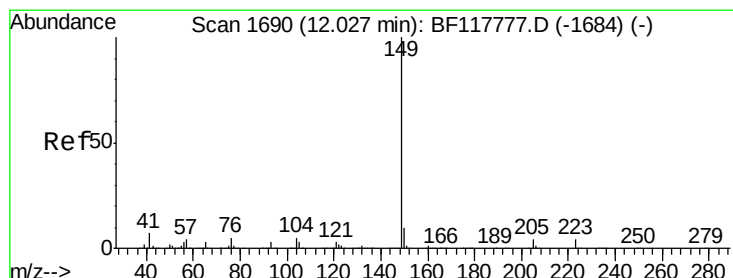
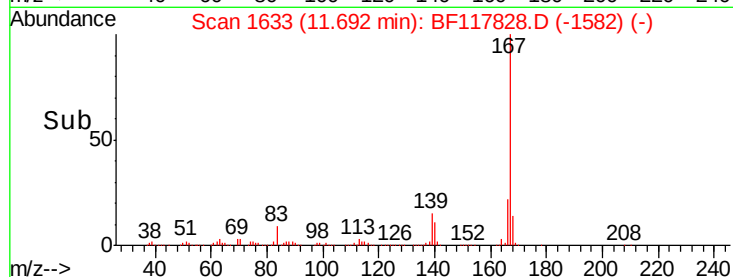
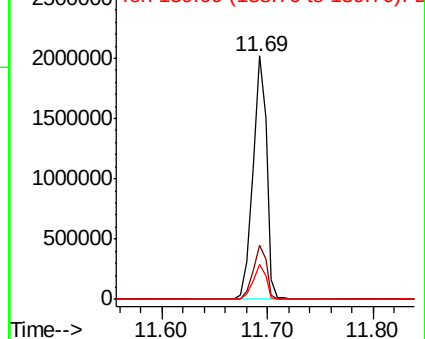
139 14.5 11.7 17.5



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: 39.575 ng

RT: 12.03 min Scan# 1690

Delta R.T. -0.00 min

Lab File: BF117828.D

Acq: 18 Nov 2019 11:59

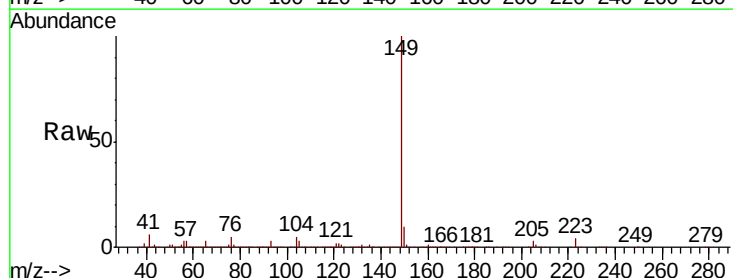
Tgt Ion:149 Resp: 2138815

Ion Ratio Lower Upper

149 100

150 9.7 7.9 11.9

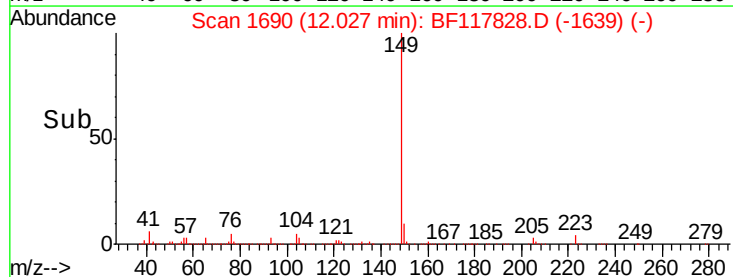
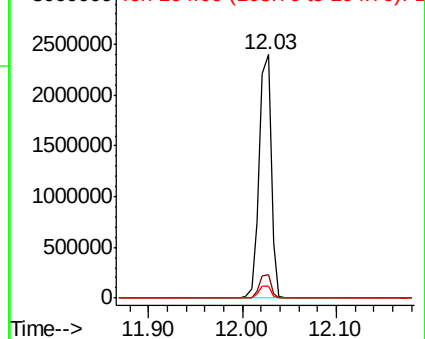
104 5.0 4.2 6.4

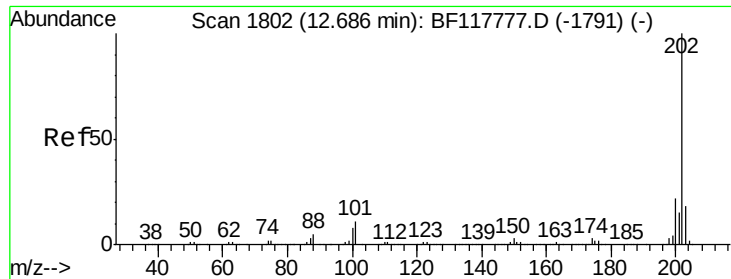


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



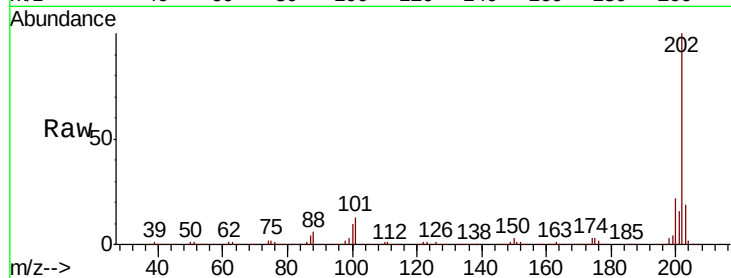


#75
 Fluoranthene
 Concen: 44.973 ng
 RT: 12.68 min Scan# 1801
 Delta R.T. -0.01 min
 Lab File: BF117828.D
 Acq: 18 Nov 2019 11:59

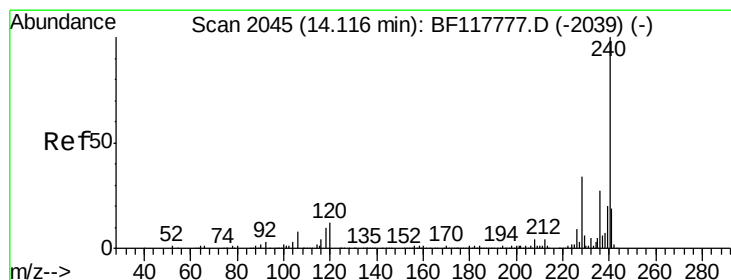
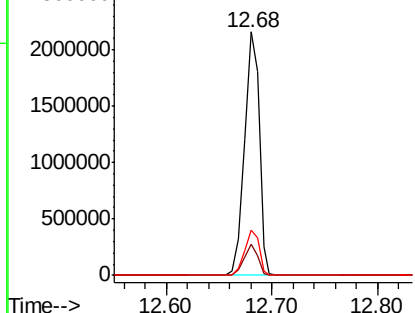
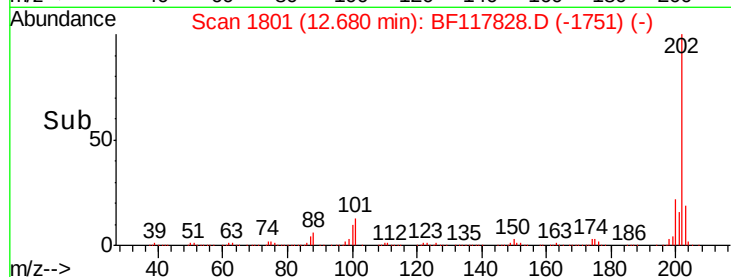
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:202 Resp: 2051970

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	31.1
203	18.8	0.0	38.2



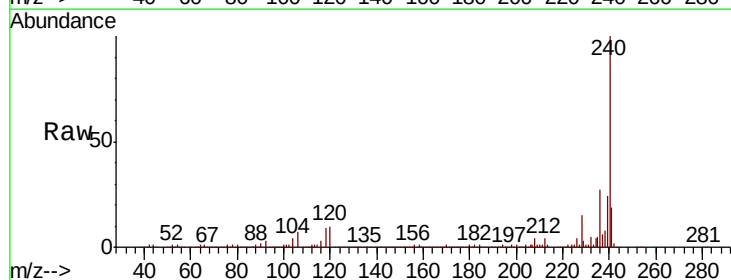
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E



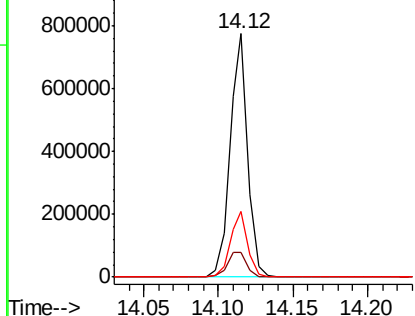
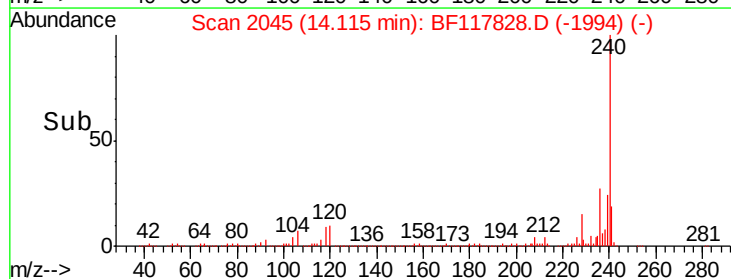
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.12 min Scan# 2045
 Delta R.T. -0.00 min
 Lab File: BF117828.D
 Acq: 18 Nov 2019 11:59

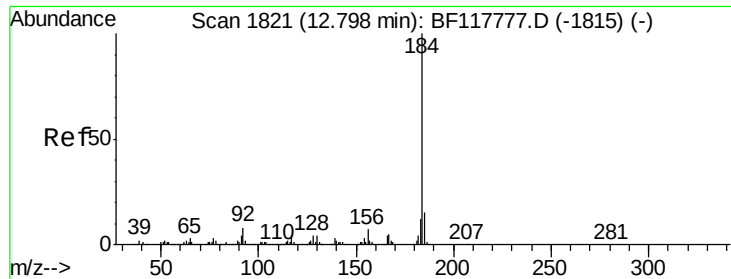
Tgt Ion:240 Resp: 642490

Ion	Ratio	Lower	Upper
240	100		
120	10.3	9.5	14.3
236	26.8	21.3	31.9



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: 10.351 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BF117828.D

Acq: 18 Nov 2019 11:59

Instrument :

BNA_F

ClientSampleId :

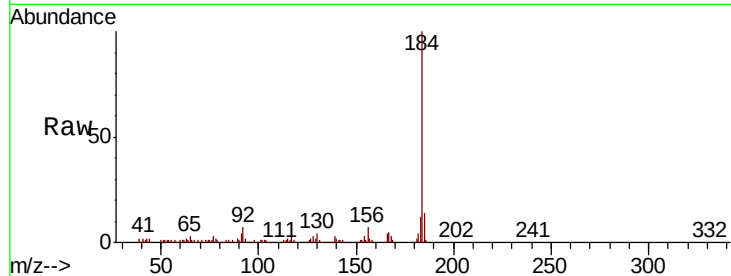
Tot Ion:184 Resp: 217840

Ion Ratio Lower Upper

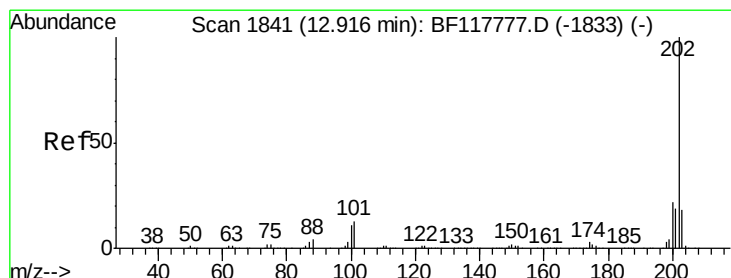
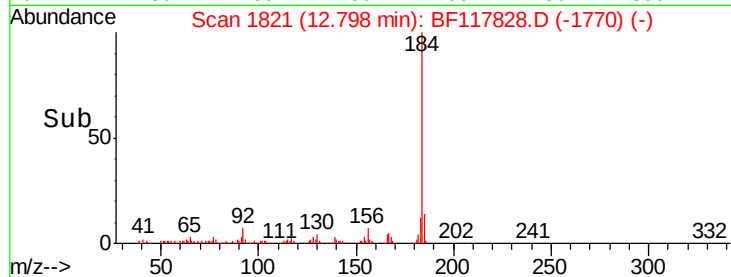
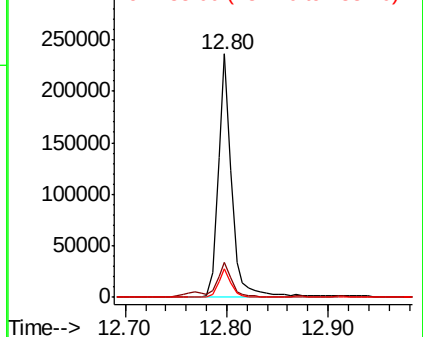
184 100

185 14.3 12.2 18.4

183 11.9 9.5 14.3



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.599 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.01 min

Lab File: BF117828.D

Acq: 18 Nov 2019 11:59

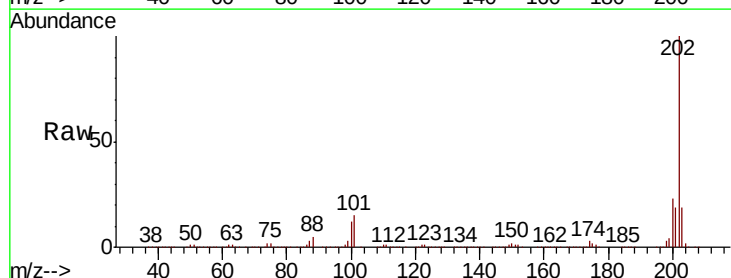
Tgt Ion:202 Resp: 2056114

Ion Ratio Lower Upper

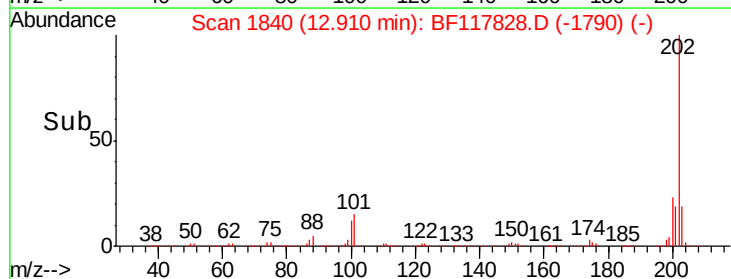
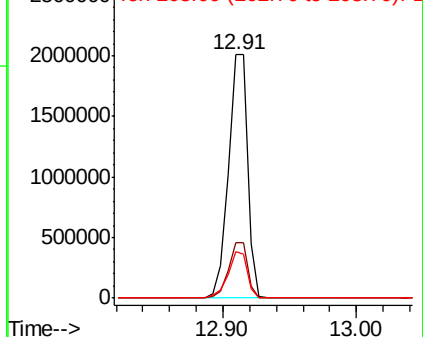
202 100

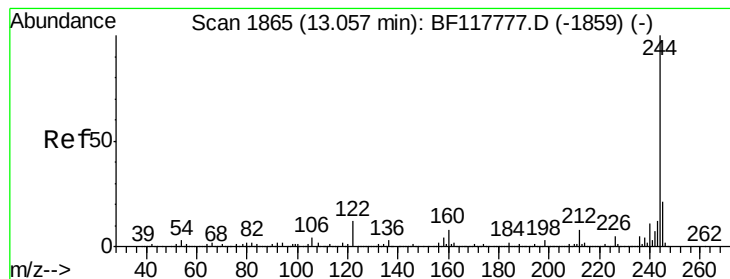
200 22.6 17.8 26.8

203 18.9 14.6 22.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 62.774 ng

RT: 13.05 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BF117828.D

Acq: 18 Nov 2019 11:59

Instrument :

BNA_F

ClientSampleId :

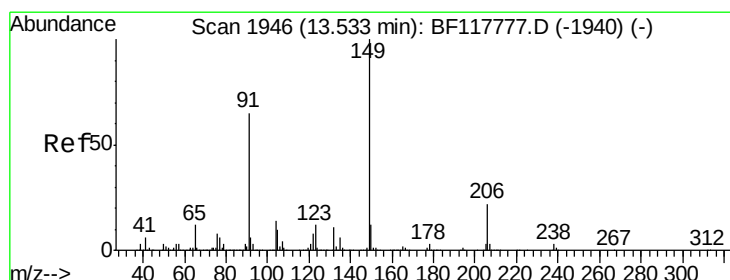
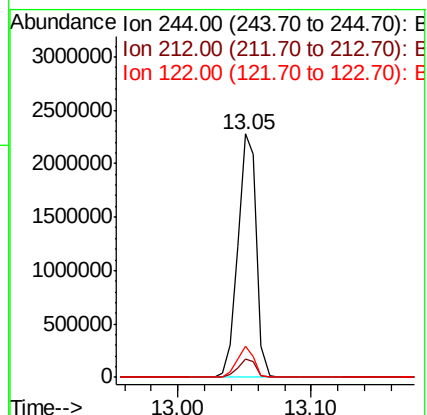
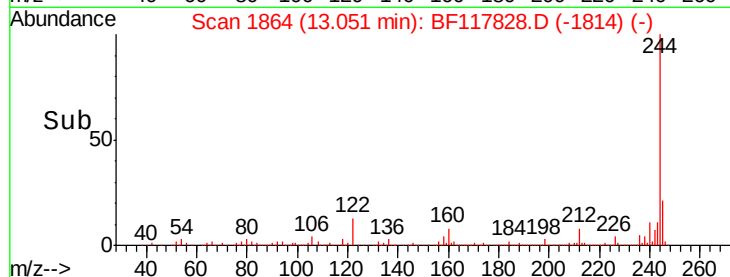
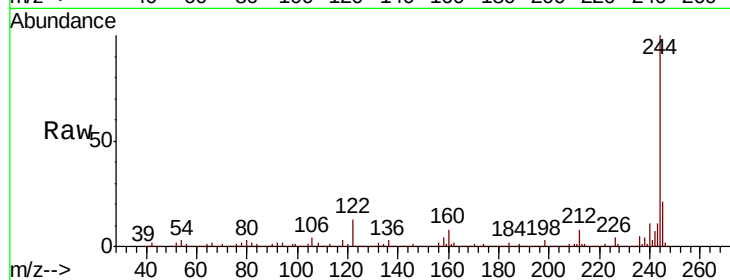
Tot Ion:244 Resp: 2206801

Ion Ratio Lower Upper

244 100

212 7.6 6.3 9.5

122 12.6 9.4 14.2



#80

Butylbenzylphthalate

Concen: 38.458 ng

RT: 13.53 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BF117828.D

Acq: 18 Nov 2019 11:59

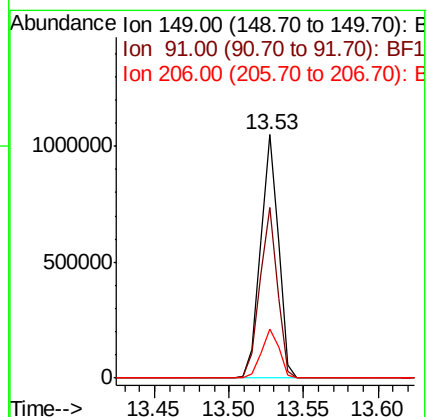
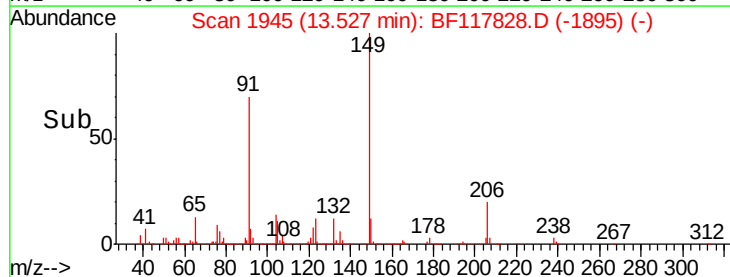
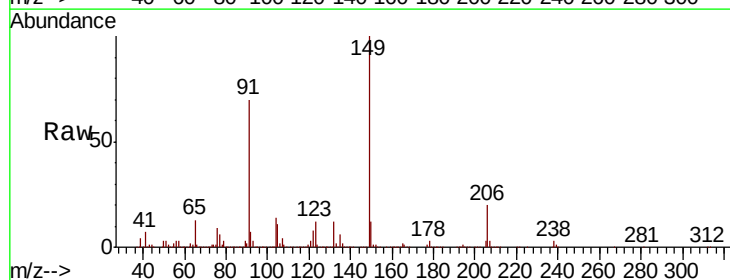
Tgt Ion:149 Resp: 857656

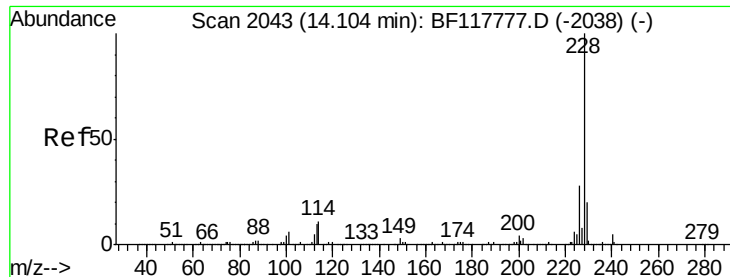
Ion Ratio Lower Upper

149 100

91 69.8 51.9 77.9

206 20.3 17.2 25.8





#81

Benzo(a)anthracene

Concen: 40.039 ng

RT: 14.10 min Scan# 2043

Delta R.T. -0.00 min

Lab File: BF117828.D

Acq: 18 Nov 2019 11:59

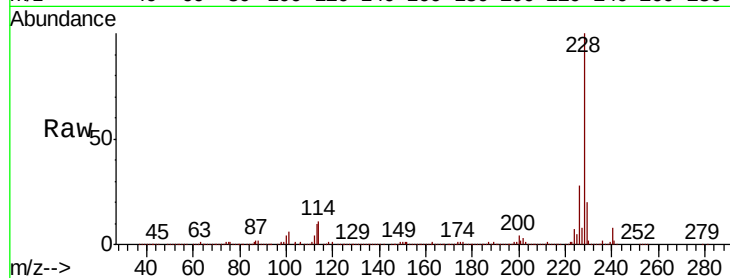
Instrument :

BNA_F

ClientSampled :

Tot Ion:228 Resp: 1699931

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.2	33.2
229	20.3	15.9	23.9

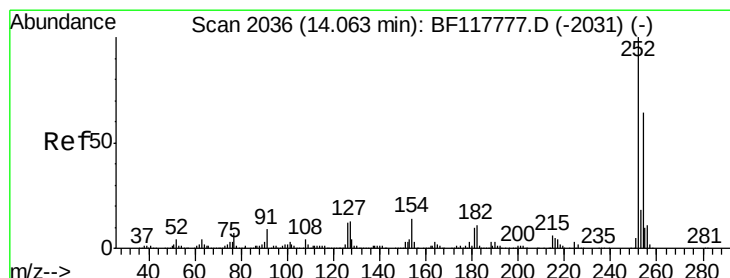
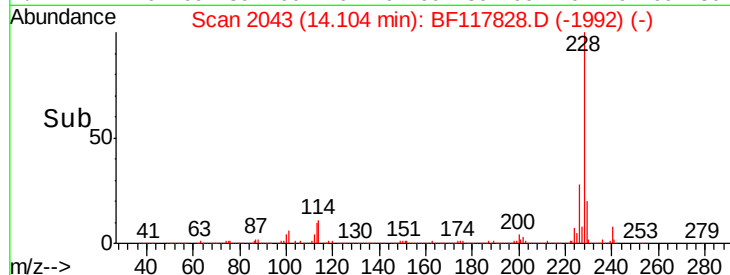
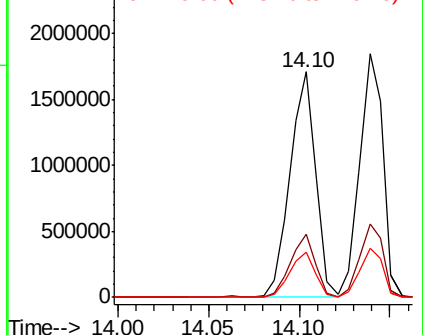


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 32.992 ng

RT: 14.06 min Scan# 2036

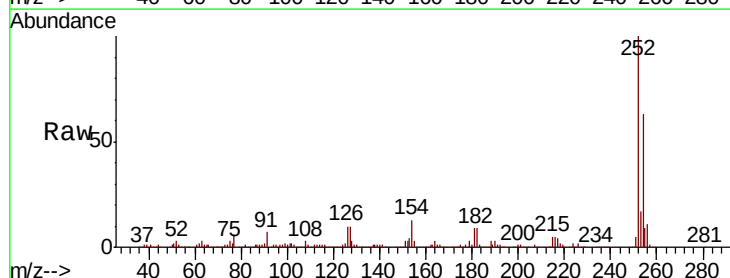
Delta R.T. -0.00 min

Lab File: BF117828.D

Acq: 18 Nov 2019 11:59

Tgt Ion:252 Resp: 489971

Ion	Ratio	Lower	Upper
252	100		
254	63.1	51.0	76.6
126	10.2	9.7	14.5

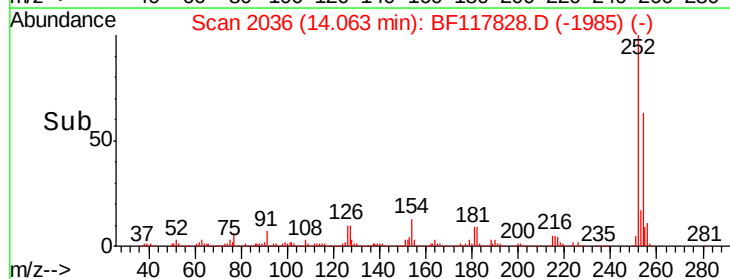
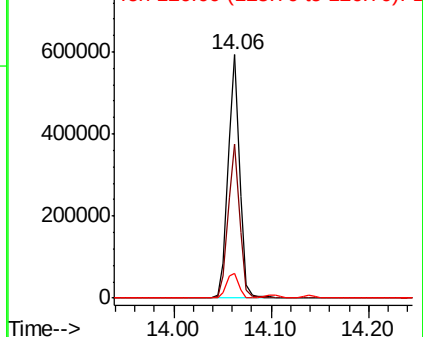


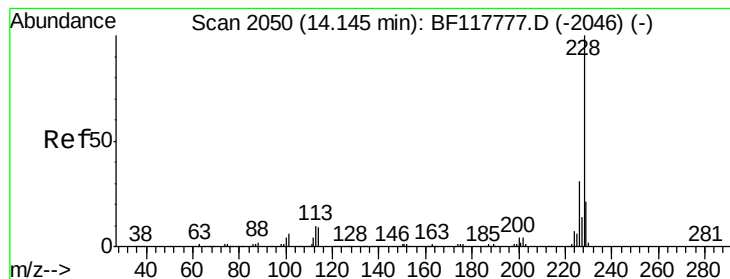
Abundance

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: 40.230 ng

RT: 14.14 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BF117828.D

Acq: 18 Nov 2019 11:59

Instrument :

BNA_F

ClientSampleId :

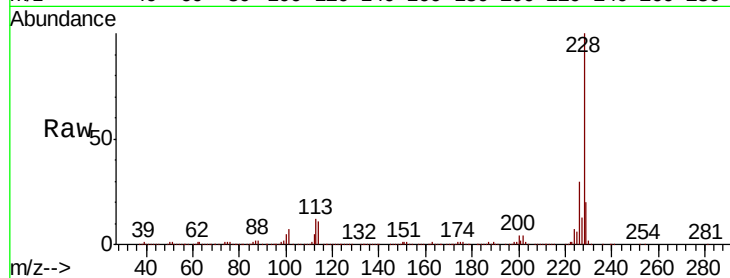
Tot Ion:228 Resp: 1655086

Ion Ratio Lower Upper

228 100

226 30.2 25.0 37.4

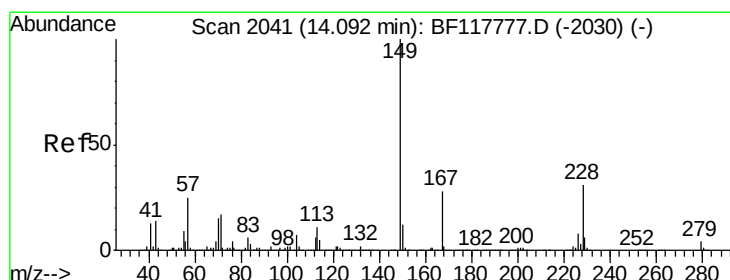
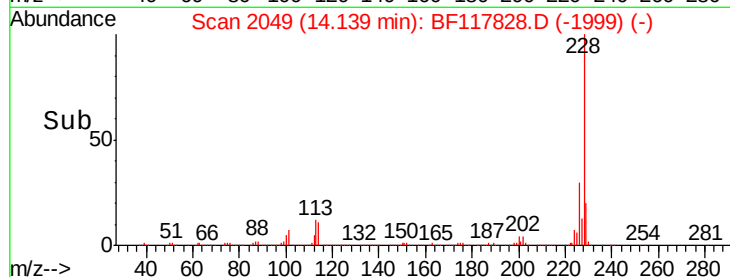
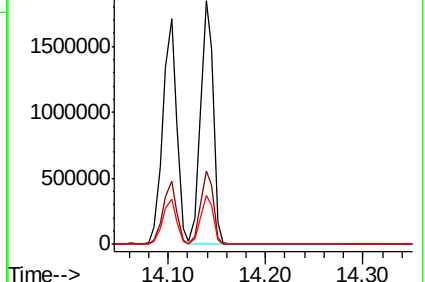
229 20.4 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.762 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.01 min

Lab File: BF117828.D

Acq: 18 Nov 2019 11:59

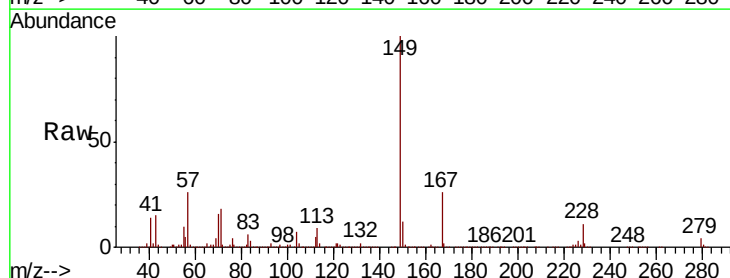
Tgt Ion:149 Resp: 1075029

Ion Ratio Lower Upper

149 100

167 26.4 22.2 33.2

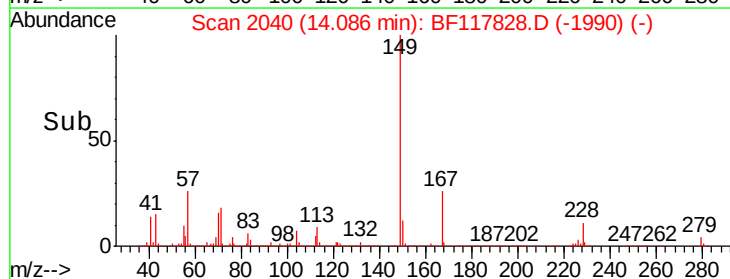
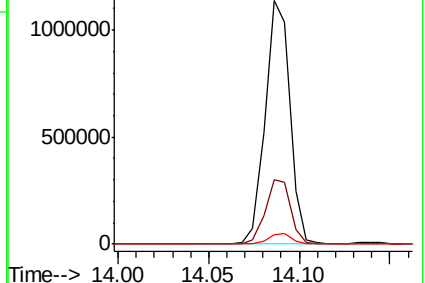
279 3.9 3.4 5.2

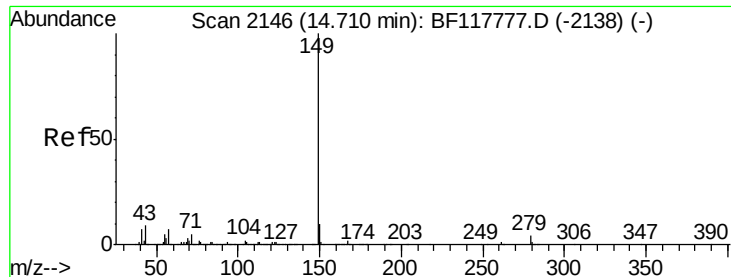


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

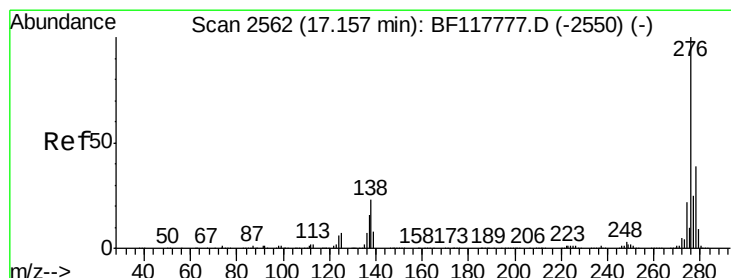
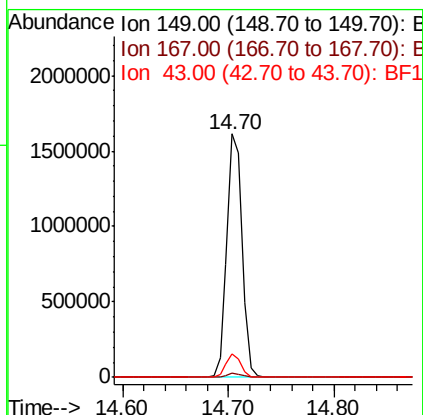
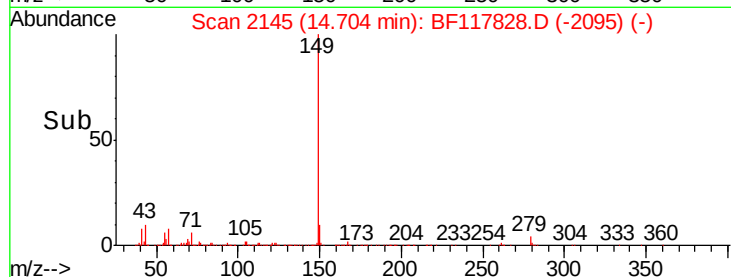
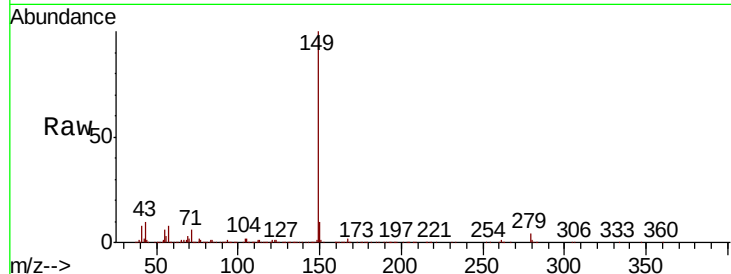




#85
Di-n-octyl phthalate
Concen: 40.665 ng
RT: 14.70 min Scan# 2145
Delta R.T. -0.01 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

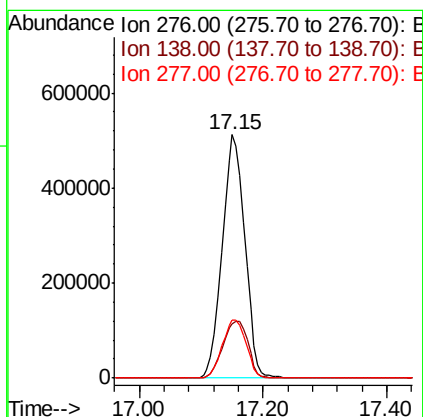
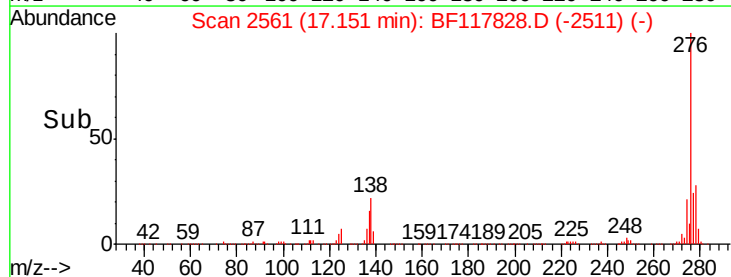
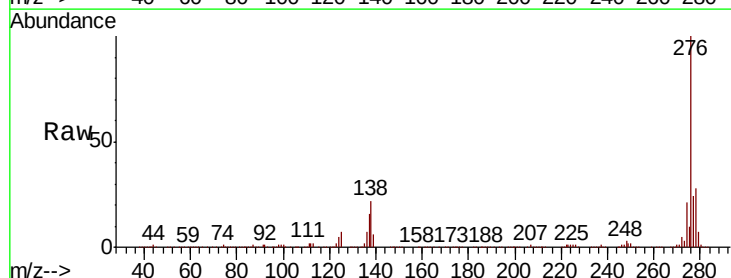
Instrument :
BNA_F
ClientSampleId :

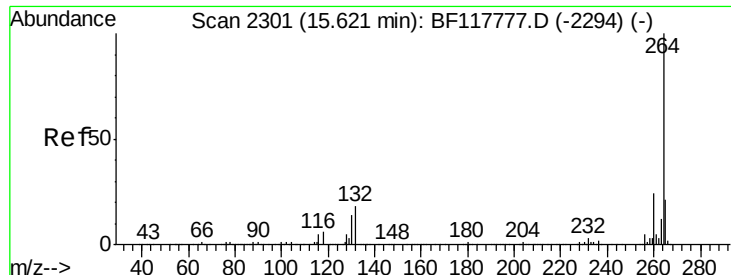
Tot Ion:149 Resp: 1615204
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.1 7.4 11.2



#86
Indeno(1,2,3-cd)pyrene
Concen: 37.269 ng
RT: 17.15 min Scan# 2561
Delta R.T. -0.01 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Tgt Ion:276 Resp: 1304967
Ion Ratio Lower Upper
276 100
138 26.1 20.9 31.3
277 25.4 20.3 30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.62 min Scan# 2301

Delta R.T. -0.00 min

Lab File: BF117828.D

Acq: 18 Nov 2019 11:59

Instrument :

BNA_F

ClientSampled :

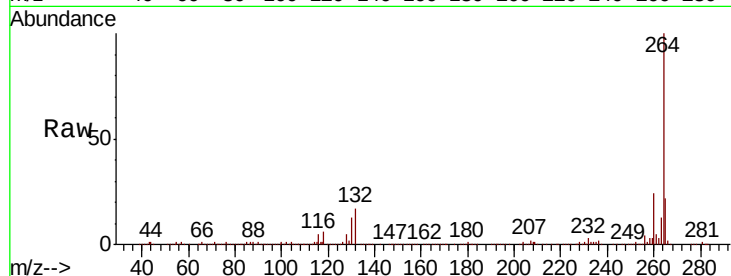
Tot Ion:264 Resp: 493663

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.0

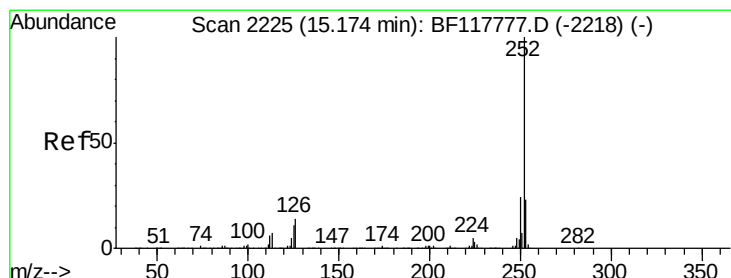
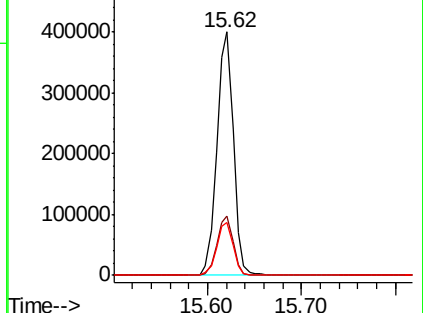
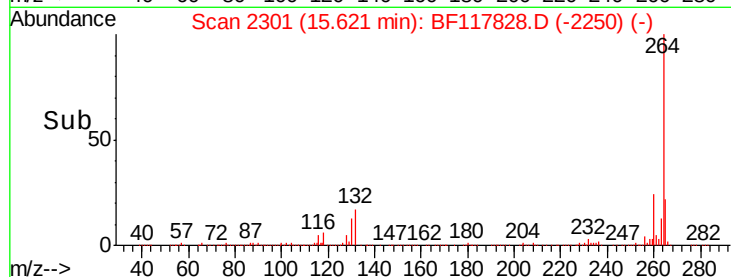
265 21.9 17.1 25.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.560 ng

RT: 15.17 min Scan# 2225

Delta R.T. -0.00 min

Lab File: BF117828.D

Acq: 18 Nov 2019 11:59

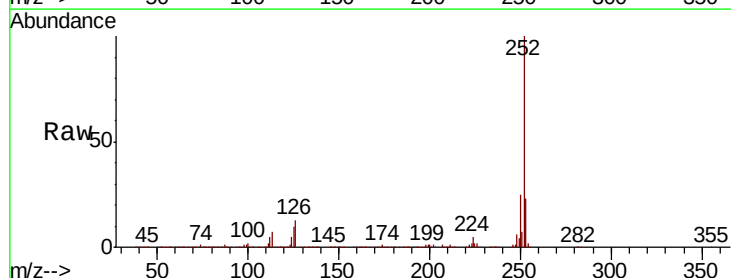
Tgt Ion:252 Resp: 1365059

Ion Ratio Lower Upper

252 100

253 22.7 18.0 27.0

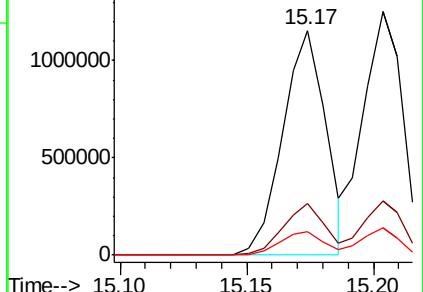
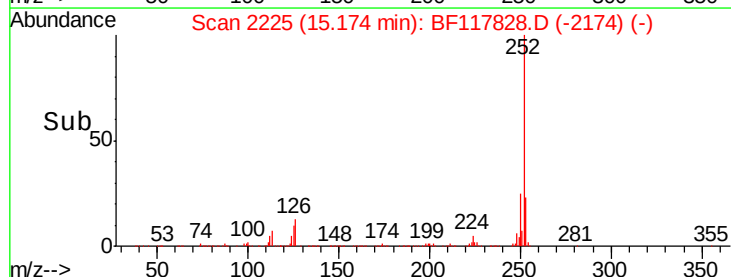
125 10.3 8.6 13.0

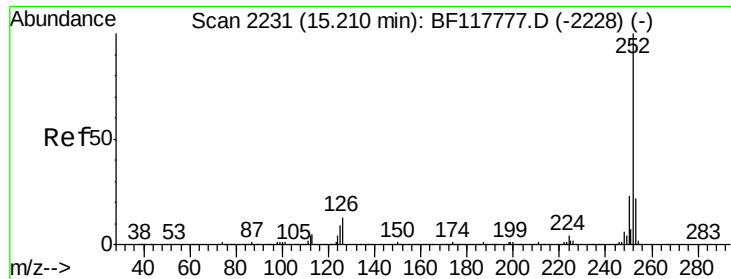


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

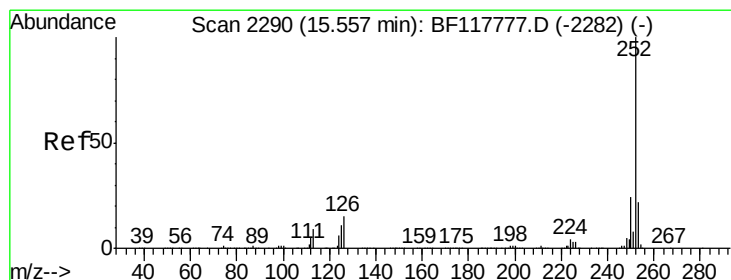
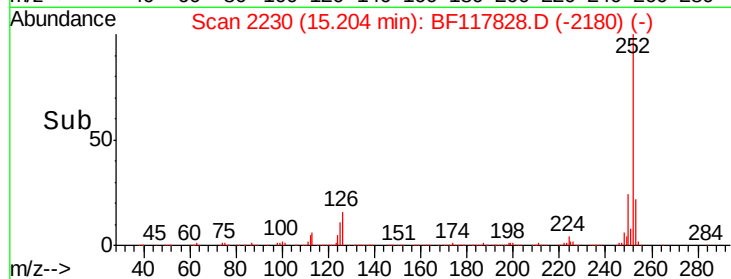
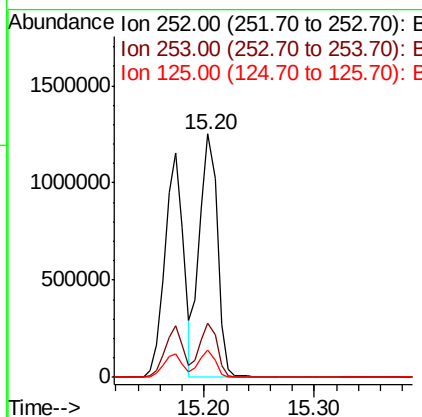
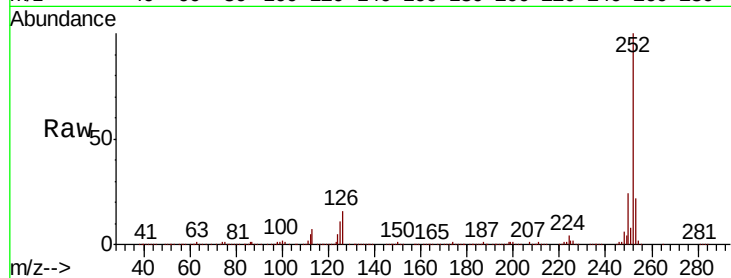




#89
Benzo(k)fluoranthene
Concen: 45.456 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

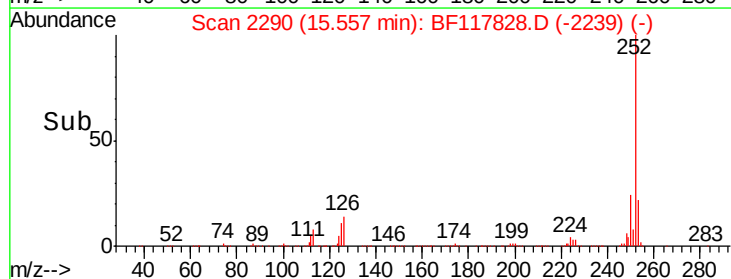
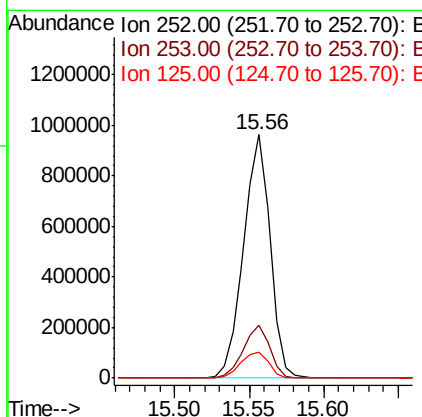
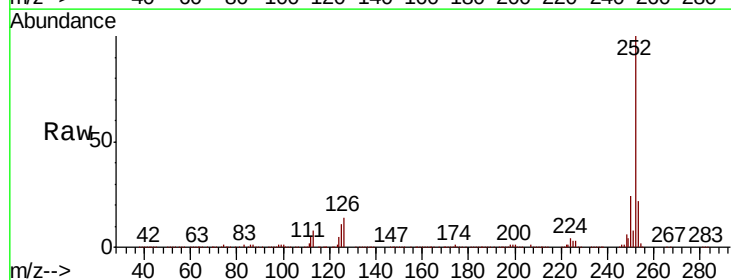
Instrument :
BNA_F
ClientSampleId :

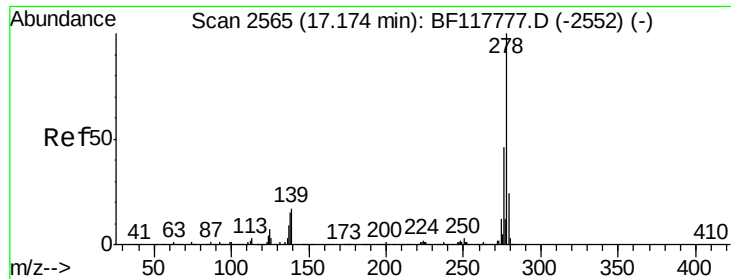
Tot Ion:252 Resp: 1373712
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 11.0 7.9 11.9



#90
Benzo(a)pyrene
Concen: 42.158 ng
RT: 15.56 min Scan# 2290
Delta R.T. -0.00 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Tgt Ion:252 Resp: 1188996
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 10.9 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 44.207 ng

RT: 17.17 min Scan# 2565

Delta R.T. -0.00 min

Lab File: BF117828.D

Acq: 18 Nov 2019 11:59

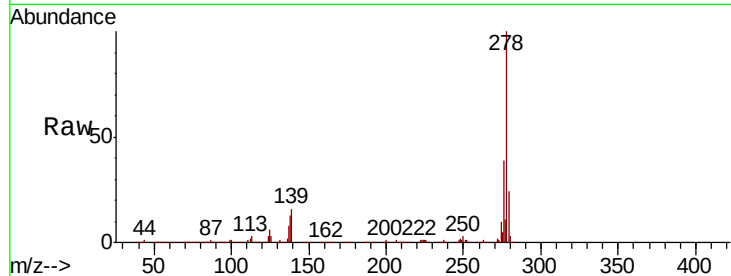
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 1073137

Ion	Ratio	Lower	Upper
278	100		
139	15.8	13.8	20.8
279	23.7	19.6	29.4

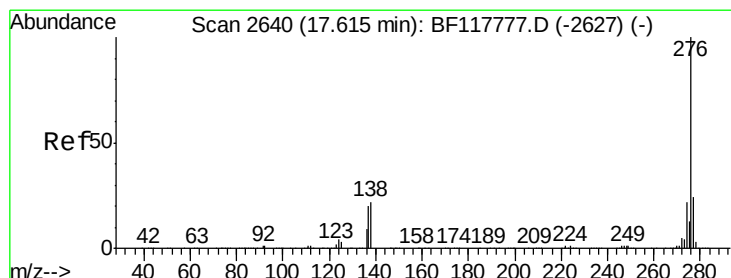
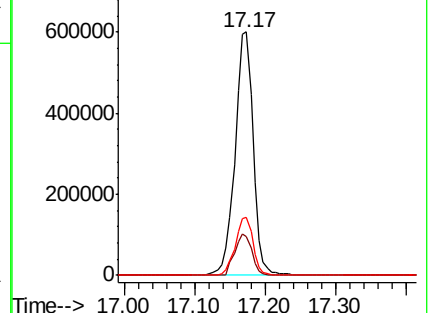
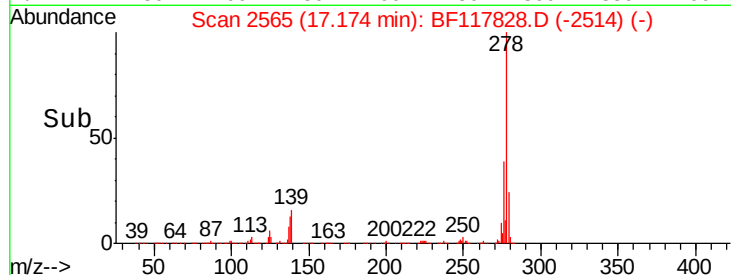


Abundance

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: 45.906 ng

RT: 17.62 min Scan# 2640

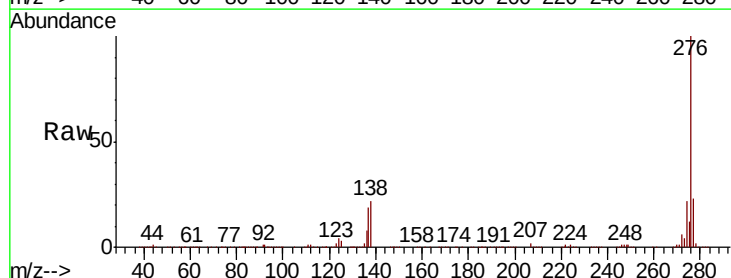
Delta R.T. -0.00 min

Lab File: BF117828.D

Acq: 18 Nov 2019 11:59

Tgt Ion:276 Resp: 1109946

Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.9	28.3
138	22.5	17.4	26.2



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

