

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112319\
 Data File : BF117959.D
 Acq On : 23 Nov 2019 16:27
 Operator : JU
 Sample : K5972-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 25 07:51:53 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	6.90	152	118382	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	452266	20.00	ng	-0.02
39) Acenaphthene-d10	9.96	164	235270	20.00	ng	-0.02
64) Phenanthrene-d10	11.45	188	447184	20.00	ng	-0.02
76) Chrysene-d12	14.10	240	355370	20.00	ng	-0.02
87) Perylene-d12	15.60	264	346394	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	653752	97.75	ng	-0.01
7) Phenol-d6	6.53	99	830988	103.02	ng	-0.02
23) Nitrobenzene-d5	7.47	82	503940	66.24	ng	-0.02
42) 2,4,6-Tribromophenol	10.75	330	258352	103.72	ng	-0.02
45) 2-Fluorobiphenyl	9.27	172	957863	73.04	ng	-0.02
79) Terphenyl-d14	13.04	244	1052389	54.12	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.72	88	110800	35.443	ng	96
3) Pyridine	3.49	79	286669	34.958	ng	97
4) n-Nitrosodimethylamine	3.43	42	137959	38.540	ng	91
6) Aniline	6.56	93	195294	18.321	ng	100
8) 2-Chlorophenol	6.69	128	282297	38.900	ng	99
9) Benzaldehyde	6.45	77	137990	23.080	ng	96
10) Phenol	6.54	94	345942	41.270	ng	98
11) bis(2-Chloroethyl)ether	6.63	93	246616	36.637	ng	98
12) 1,3-Dichlorobenzene	6.85	146	316857	37.087	ng	98
13) 1,4-Dichlorobenzene	6.92	146	323260	37.433	ng	99
14) 1,2-Dichlorobenzene	7.07	146	306881	37.156	ng	99
15) Benzyl Alcohol	7.04	79	250642	40.246	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.18	45	315282	30.422	ng	93
17) 2-Methylphenol	7.15	107	234661	38.184	ng	98
18) Hexachloroethane	7.42	117	125445	39.542	ng	97
19) n-Nitroso-di-n-propylamine	7.32	70	188947	37.968	ng	96
20) 3+4-Methylphenols	7.30	107	296202	38.828	ng	# 84
22) Acetophenone	7.31	105	406139	39.970	ng	96
24) Nitrobenzene	7.49	77	293542	37.400	ng	100
25) Isophorone	7.73	82	520935	37.358	ng	97
26) 2-Nitrophenol	7.80	139	160744	42.078	ng	95
27) 2,4-Dimethylphenol	7.84	122	247737	41.734	ng	98
28) bis(2-Chloroethoxy)methane	7.93	93	313181	35.393	ng	100
29) 2,4-Dichlorophenol	8.05	162	239536	37.201	ng	97
30) 1,2,4-Trichlorobenzene	8.13	180	267009	35.750	ng	100
31) Naphthalene	8.22	128	895352	42.466	ng	99
32) Benzoic acid	7.95	122	189880	38.202	ng	# 83
33) 4-Chloroaniline	8.26	127	115453	12.231	ng	98
34) Hexachlorobutadiene	8.33	225	154263	35.327	ng	99
35) Caprolactam	8.62	113	68628	33.536	ng	90
36) 4-Chloro-3-methylphenol	8.74	107	257308	39.376	ng	90
37) 2-Methylnaphthalene	8.91	142	618347	43.405	ng	99
38) 1-Methylnaphthalene	9.01	142	555317	41.232	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	241600	35.361	ng	99

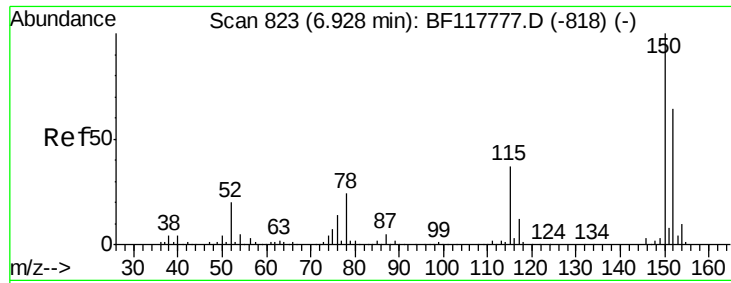
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112319\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	313427	81.858	nq	99
43) 2,4,6-Trichlorophenol	9.19	196	174589	35.675	nq	99
44) 2,4,5-Trichlorophenol	9.23	196	182928	36.001	nq	98
46) 1,1'-Biphenyl	9.37	154	677923	38.839	nq	98
47) 2-Chloronaphthalene	9.40	162	509891	35.509	nq	97
48) 2-Nitroaniline	9.49	65	150810	34.788	nq	96
49) Acenaphthylene	9.82	152	833262	39.802	nq	98
50) Dimethylphthalate	9.67	163	755569	45.797	nq	99
51) 2,6-Dinitrotoluene	9.73	165	134311	37.249	nq	95
52) Acenaphthene	9.99	154	565425	42.161	nq	99
53) 3-Nitroaniline	9.90	138	80622	18.686	nq	97
54) 2,4-Dinitrophenol	10.02	184	145967	78.896	nq	93
55) Dibenzofuran	10.16	168	721009	38.825	nq	99
56) 4-Nitrophenol	10.06	139	250438	77.764	nq	93
57) 2,4-Dinitrotoluene	10.14	165	181376	39.544	nq	99
58) Fluorene	10.51	166	564288	39.211	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.28	232	150887	36.141	nq	# 87
60) Diethylphthalate	10.37	149	597232	37.131	nq	99
61) 4-Chlorophenyl-phenylether	10.50	204	273217	37.410	nq	95
62) 4-Nitroaniline	10.52	138	144448	33.437	nq	95
63) Azobenzene	10.66	77	541969	37.037	nq	99
65) 4,6-Dinitro-2-methylphenol	10.55	198	96606	46.276	nq	79
66) n-Nitrosodiphenylamine	10.62	169	494229	37.976	nq	99
67) 4-Bromophenyl-phenylether	10.99	248	172243	35.698	nq	93
68) Hexachlorobenzene	11.06	284	191560	34.048	nq	96
69) Atrazine	11.15	200	182003	42.513	nq	97
70) Pentachlorophenol	11.25	266	230991	70.273	nq	99
71) Phenanthrene	11.47	178	859256	38.218	nq	98
72) Anthracene	11.53	178	892588	40.042	nq	98
73) Carbazole	11.68	167	782817	40.187	nq	100
74) Di-n-butylphthalate	12.01	149	951356	39.226	nq	99
75) Fluoranthene	12.67	202	890454	43.190	nq	99
77) Benzidine	12.79	184	324671	27.892	nq	98
78) Pyrene	12.90	202	925211	32.216	nq	98
80) Butylbenzylphthalate	13.51	149	429843	34.847	nq	92
81) Benzo(a)anthracene	14.09	228	850994	36.238	nq	99
82) 3,3'-Dichlorobenzidine	14.04	252	143834	17.510	nq	97
83) Chrysene	14.13	228	797925	35.065	nq	98
84) Bis(2-ethylhexyl)phthalate	14.07	149	594501	39.754	nq	99
85) Di-n-octyl phthalate	14.69	149	990557	45.088	nq	98
86) Indeno(1,2,3-cd)pyrene	17.13	276	739824	38.200	nq	98
88) Benzo(b)fluoranthene	15.16	252	803604	35.707	nq	99
89) Benzo(k)fluoranthene	15.19	252	731642	34.503	nq	99
90) Benzo(a)pyrene	15.54	252	678500	34.285	nq	99
91) Dibenzo(a,h)anthracene	17.15	278	620052	36.402	nq	98
92) Benzo(g,h,i)perylene	17.59	276	613166	36.141	nq	100

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

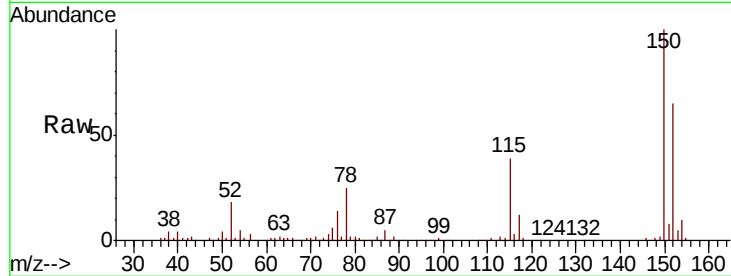


#1

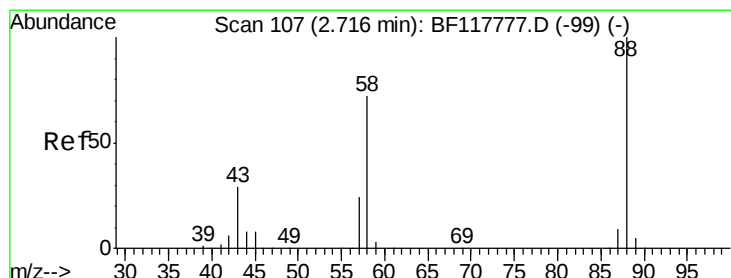
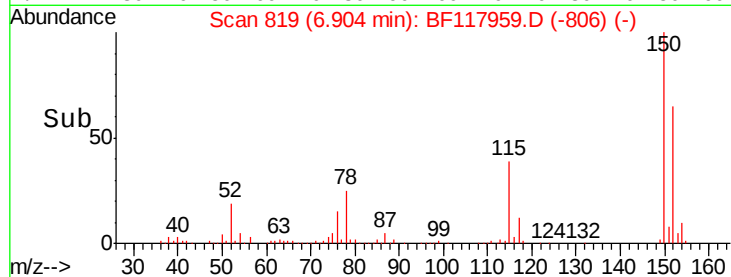
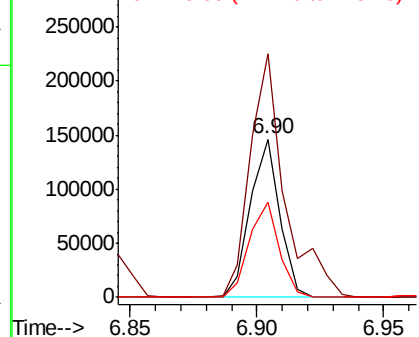
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 118382
Ion Ratio Lower Upper
152 100
150 154.3 125.3 187.9
115 60.2 47.0 70.4



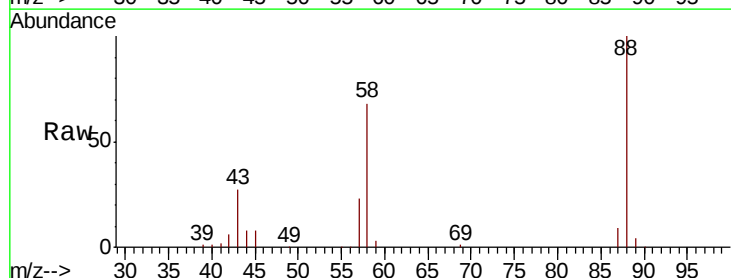
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



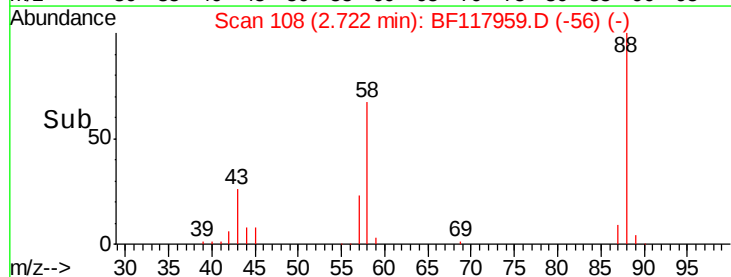
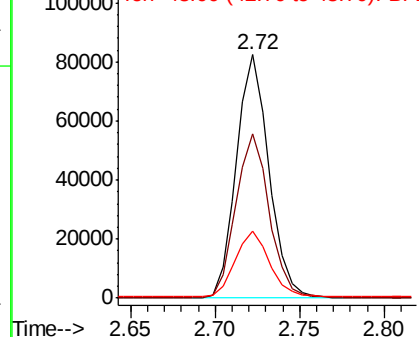
#2

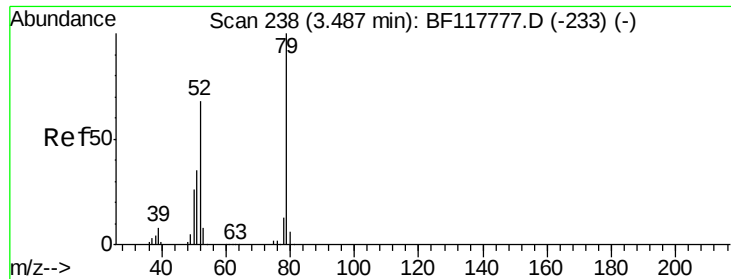
1,4-Dioxane
Concen: 35.443 ng
RT: 2.72 min Scan# 108
Delta R.T. 0.01 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Tgt Ion: 88 Resp: 110800
Ion Ratio Lower Upper
88 100
58 69.2 58.2 87.2
43 28.0 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: 34.958 ng

RT: 3.49 min Scan# 238

Delta R.T. -0.00 min

Lab File: BF117959.D

Acq: 23 Nov 2019 16:27

Instrument :

BNA_F

ClientSampleId :

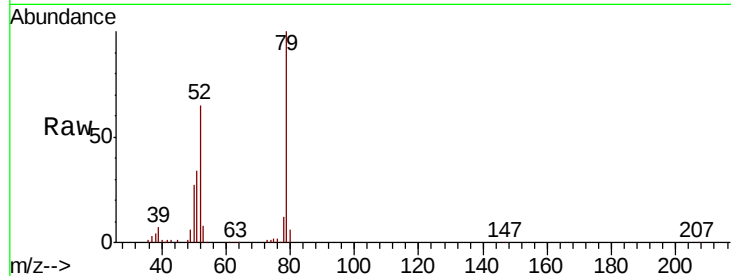
Tot Ion: 79 Resp: 286669

Ion Ratio Lower Upper

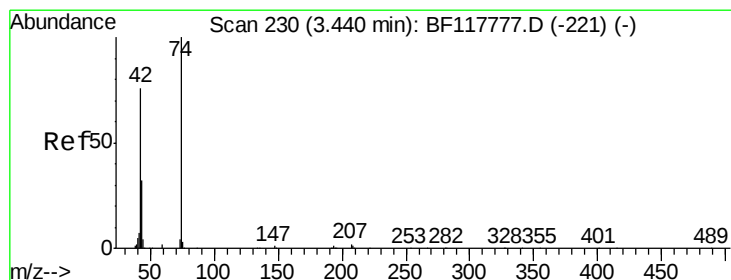
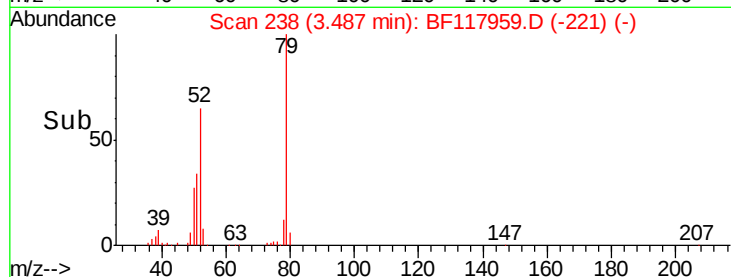
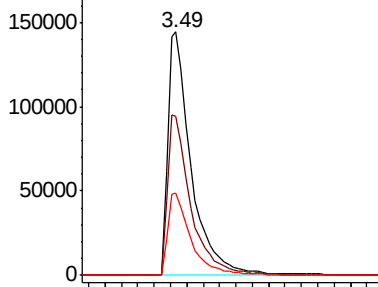
79 100

52 65.5 54.8 82.2

51 34.0 28.2 42.4



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 38.540 ng

RT: 3.43 min Scan# 228

Delta R.T. -0.01 min

Lab File: BF117959.D

Acq: 23 Nov 2019 16:27

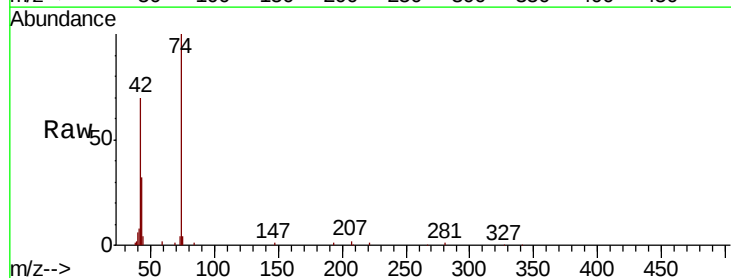
Tgt Ion: 42 Resp: 137959

Ion Ratio Lower Upper

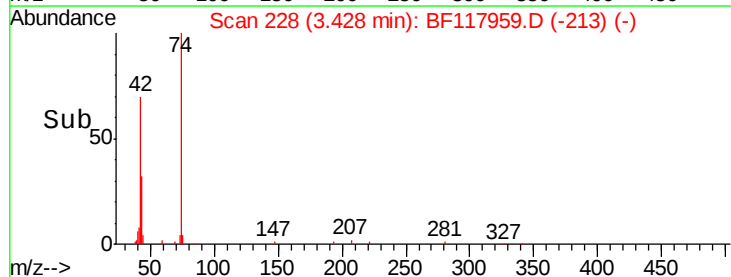
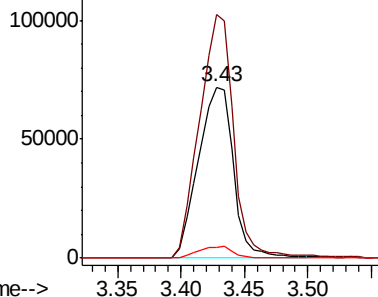
42 100

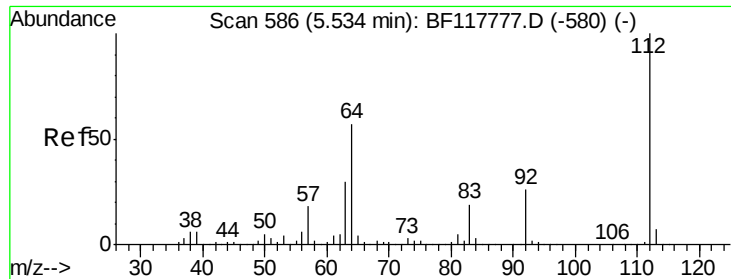
74 142.3 105.1 157.7

44 6.0 4.6 7.0



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 97.752 ng

RT: 5.52 min Scan# 584

Delta R.T. -0.01 min

Lab File: BF117959.D

Acq: 23 Nov 2019 16:27

Instrument :

BNA_F

ClientSampled :

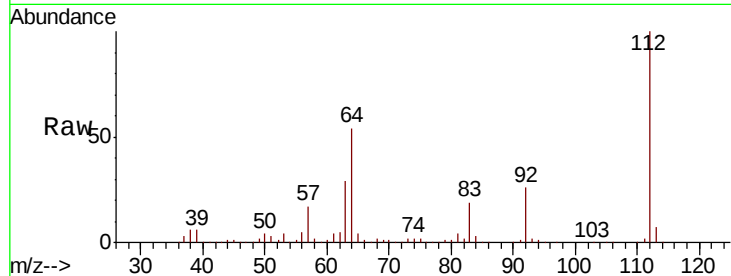
Tot Ion:112 Resp: 653752

Ion Ratio Lower Upper

112 100

64 53.9 45.6 68.4

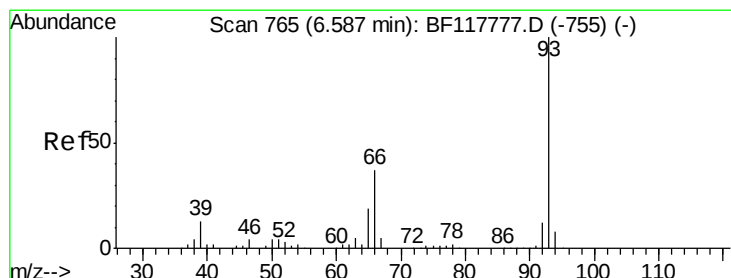
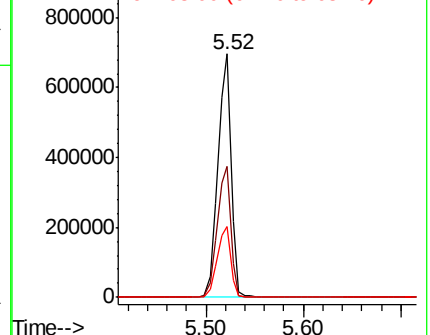
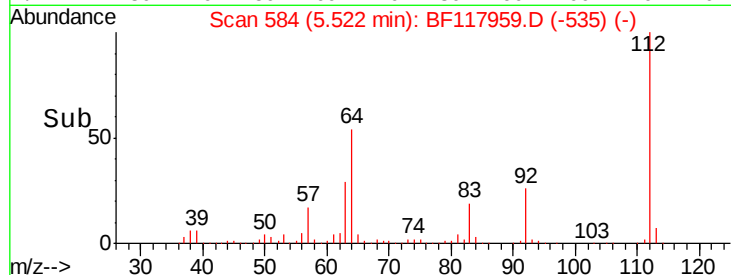
63 29.2 24.1 36.1



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: 18.321 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.02 min

Lab File: BF117959.D

Acq: 23 Nov 2019 16:27

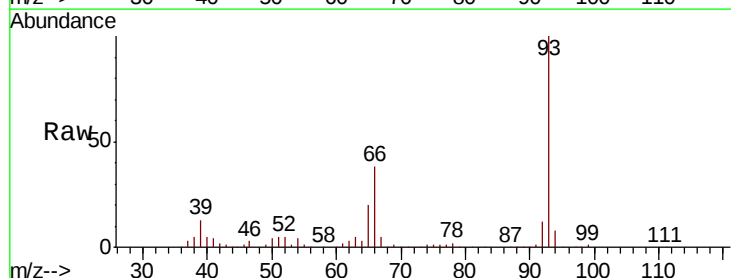
Tgt Ion: 93 Resp: 195294

Ion Ratio Lower Upper

93 100

66 38.3 30.6 45.8

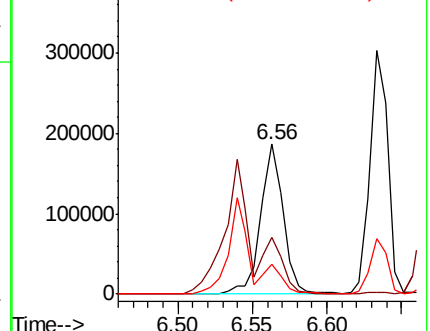
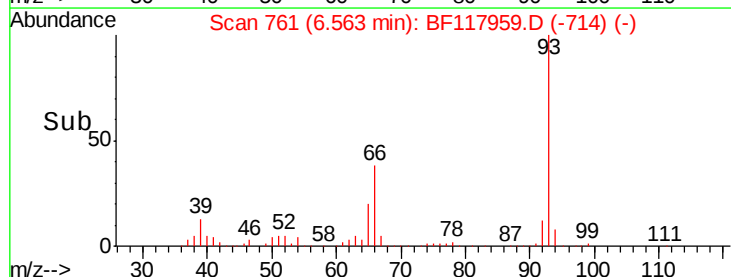
65 19.7 15.6 23.4

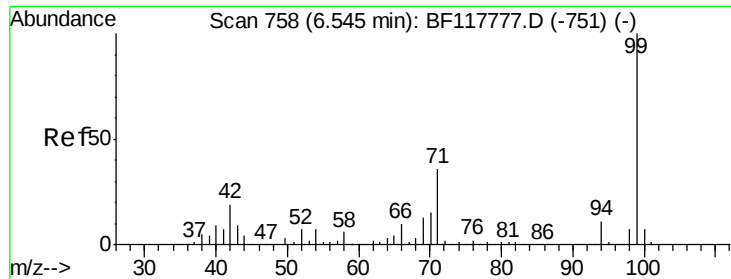


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 103.016 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF117959.D

Acq: 23 Nov 2019 16:27

Instrument :

BNA_F

ClientSampled :

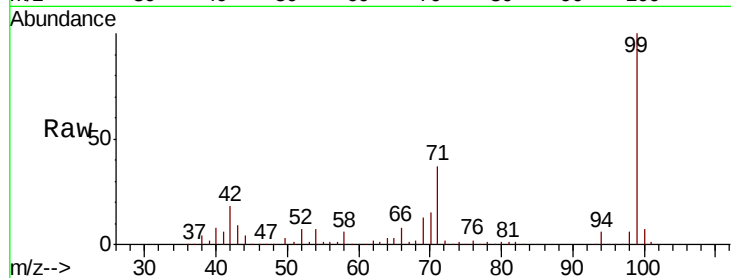
Tot Ion: 99 Resp: 830988

Ion Ratio Lower Upper

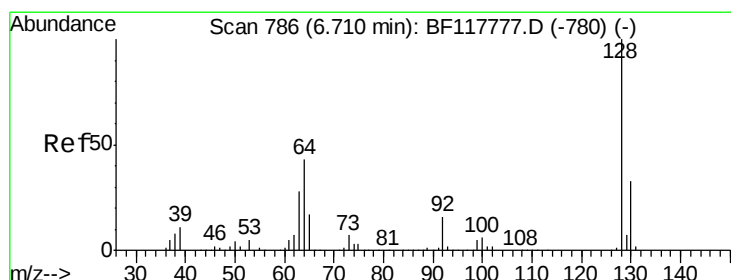
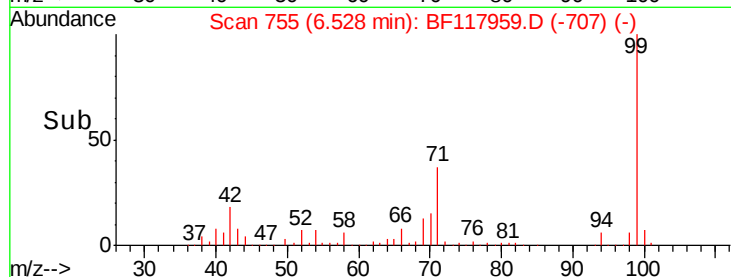
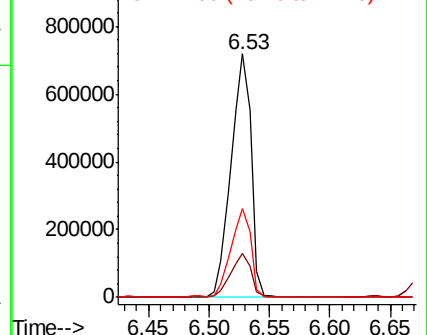
99 100

42 17.9 14.9 22.3

71 36.7 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: 38.900 ng

RT: 6.69 min Scan# 782

Delta R.T. -0.02 min

Lab File: BF117959.D

Acq: 23 Nov 2019 16:27

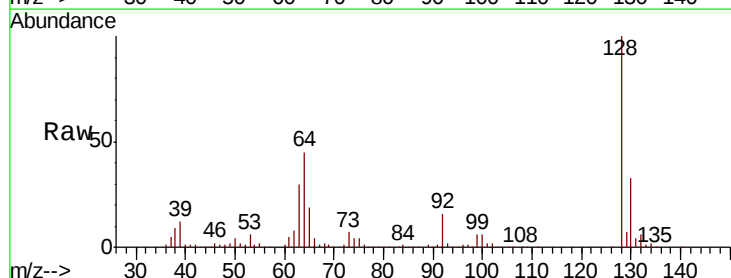
Tgt Ion: 128 Resp: 282297

Ion Ratio Lower Upper

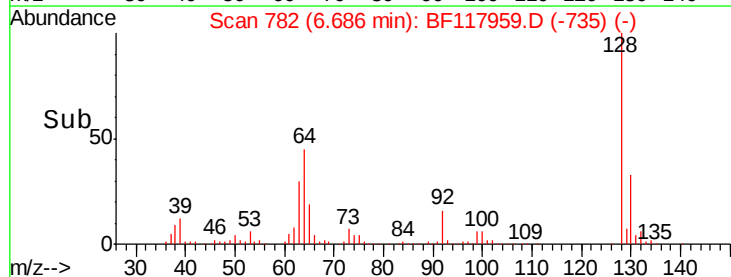
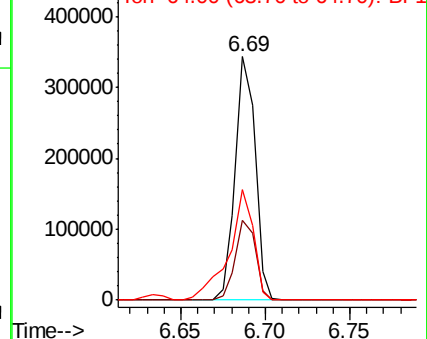
128 100

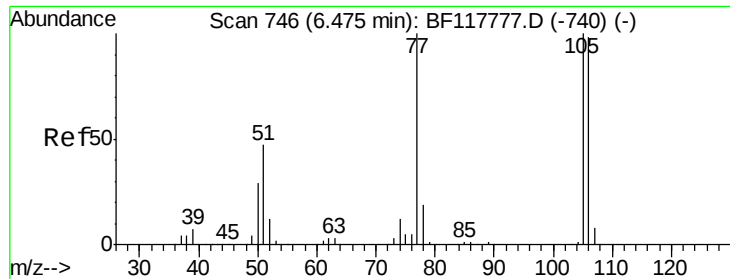
130 32.9 13.2 53.2

64 45.2 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: 23.080 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.02 min

Lab File: BF117959.D

Acq: 23 Nov 2019 16:27

Instrument :

BNA_F

ClientSampleId :

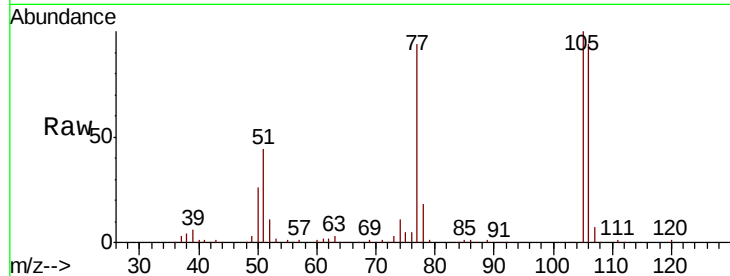
Tot Ion: 77 Resp: 137990

Ion Ratio Lower Upper

77 100

105 106.5 80.2 120.2

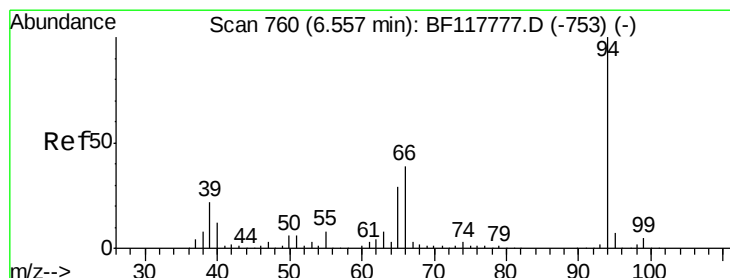
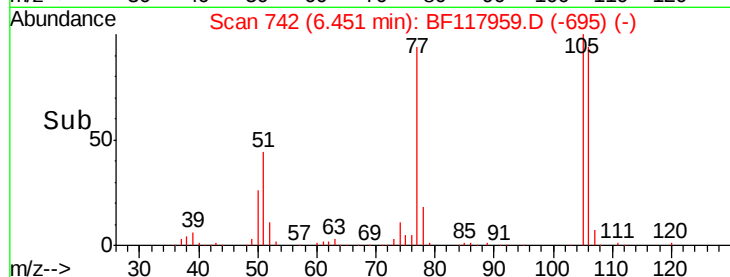
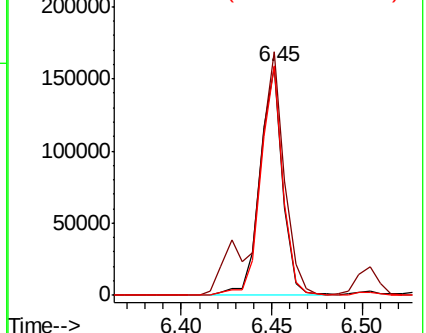
106 100.5 78.4 118.4



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 41.270 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.02 min

Lab File: BF117959.D

Acq: 23 Nov 2019 16:27

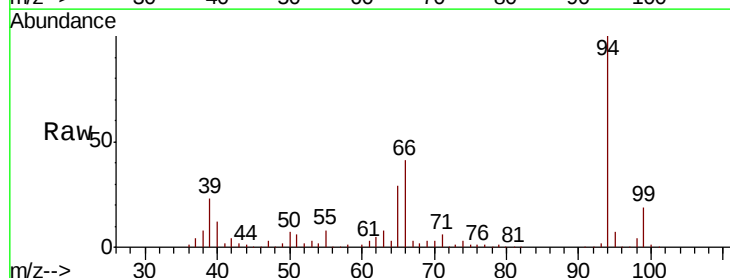
Tgt Ion: 94 Resp: 345942

Ion Ratio Lower Upper

94 100

65 29.3 8.9 48.9

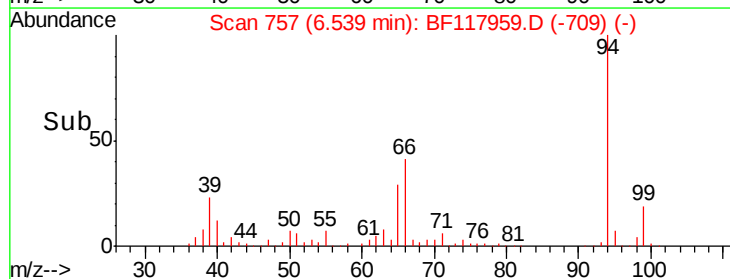
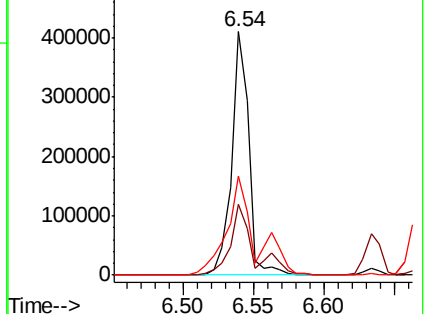
66 40.8 18.7 58.7

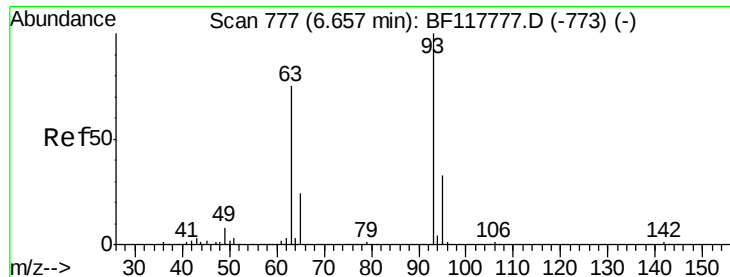


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

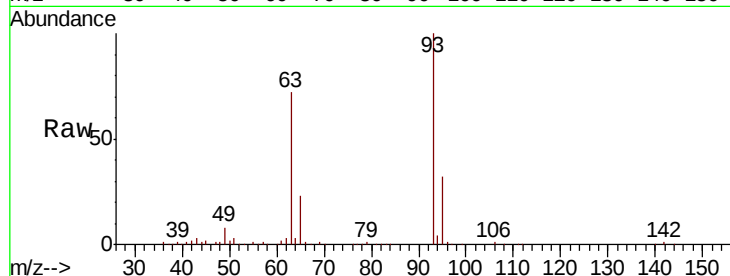




#11
bis(2-Chloroethyl)ether
Concen: 36.637 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.5	54.8	94.8
95	32.5	12.7	52.7

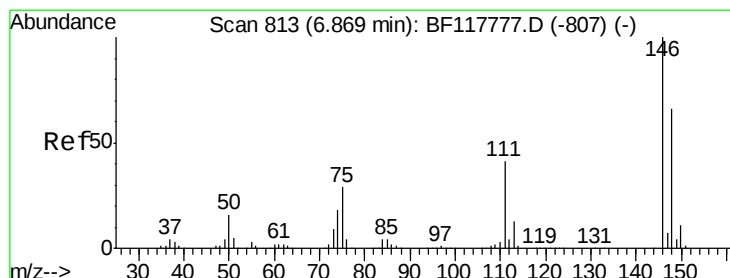
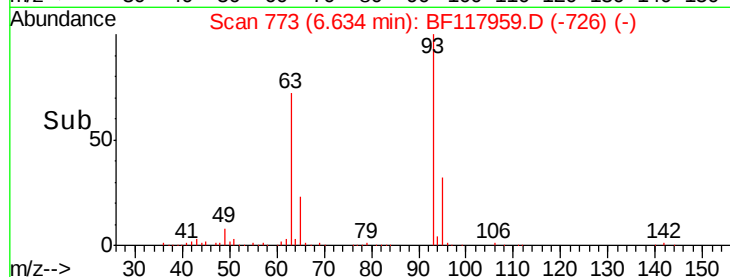
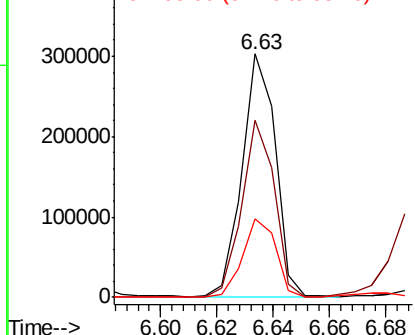


Abundance

Ion 93.00 (92.70 to 93.70): BF1

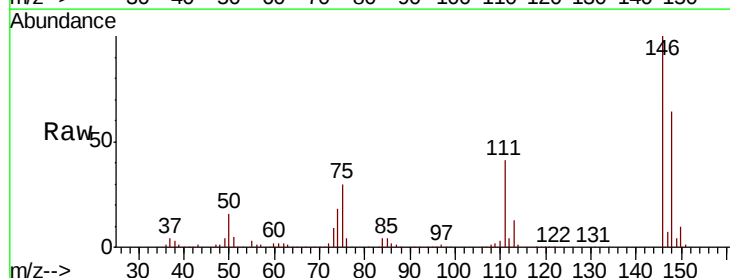
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 37.087 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.8	79.2
75	29.5	23.4	35.0

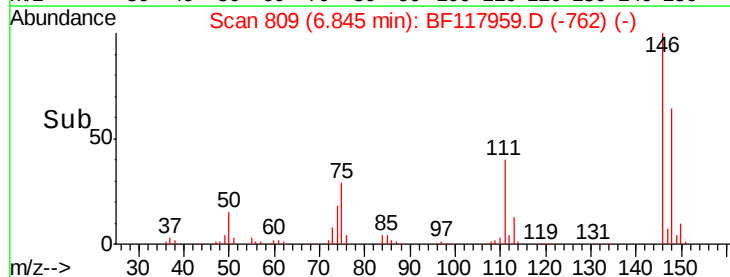
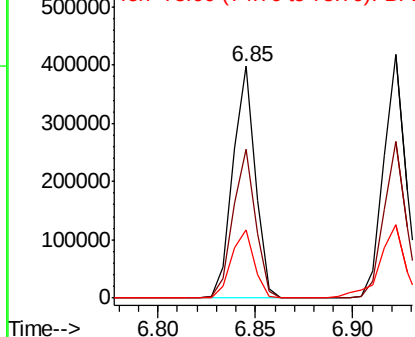


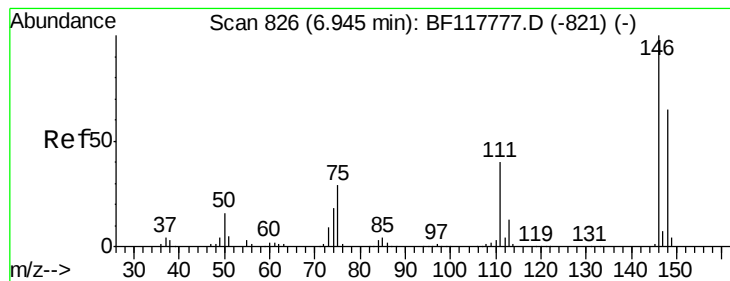
Abundance

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: 37.433 ng

RT: 6.92 min Scan# 822

Delta R.T. -0.02 min

Lab File: BF117959.D

Acq: 23 Nov 2019 16:27

Instrument :

BNA_F

ClientSampled :

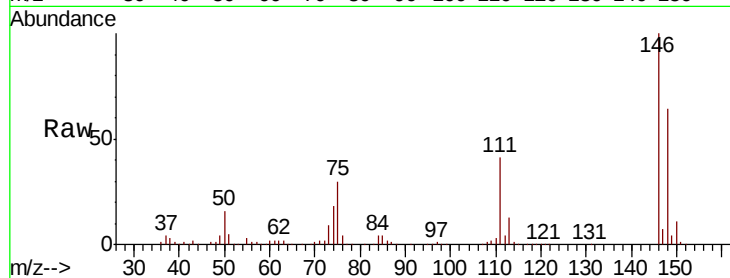
Tot Ion:146 Resp: 323260

Ion Ratio Lower Upper

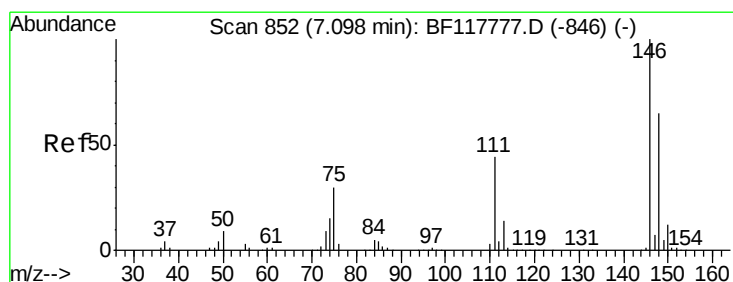
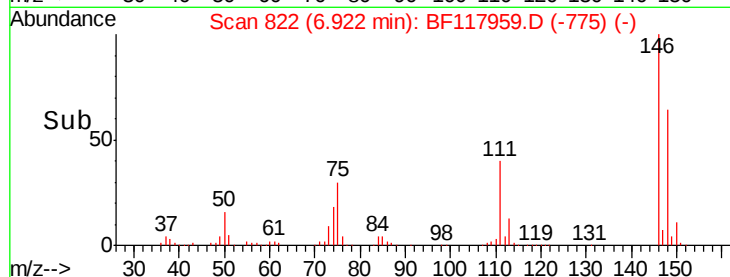
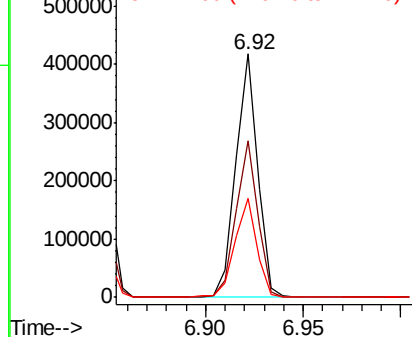
146 100

148 64.3 52.3 78.5

111 40.5 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: 37.156 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.02 min

Lab File: BF117959.D

Acq: 23 Nov 2019 16:27

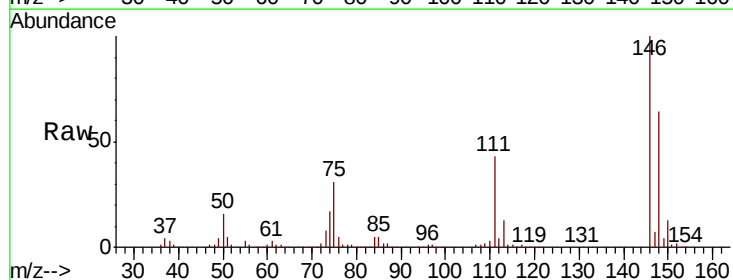
Tgt Ion:146 Resp: 306881

Ion Ratio Lower Upper

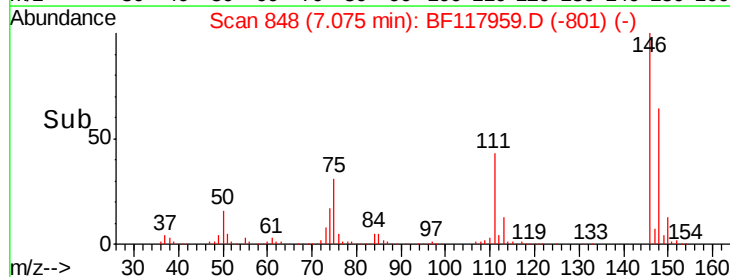
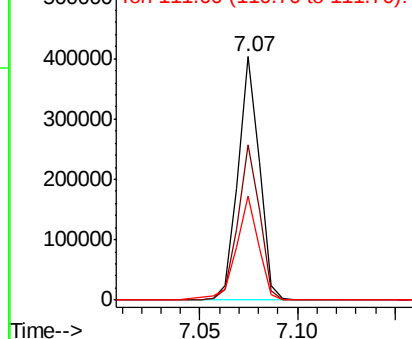
146 100

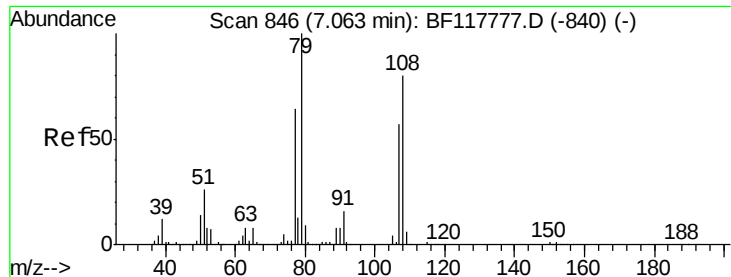
148 63.9 51.8 77.8

111 42.7 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: 40.246 ng

RT: 7.04 min Scan# 842

Delta R.T. -0.02 min

Lab File: BF117959.D

Acq: 23 Nov 2019 16:27

Instrument :

BNA_F

ClientSampleId :

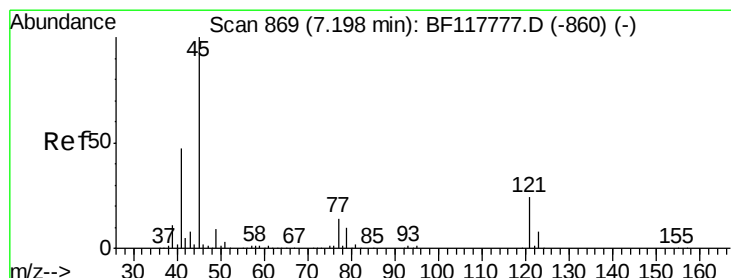
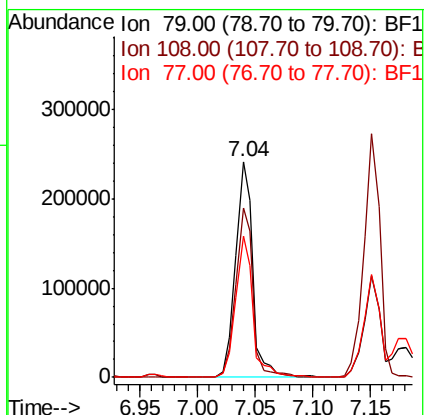
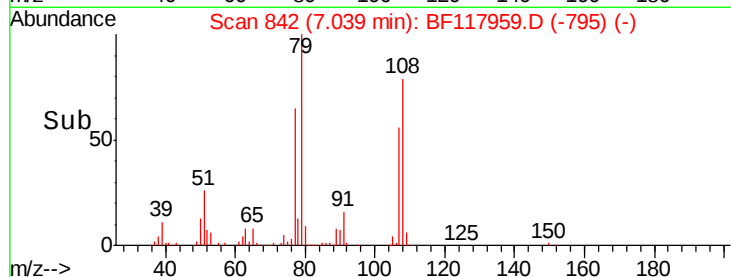
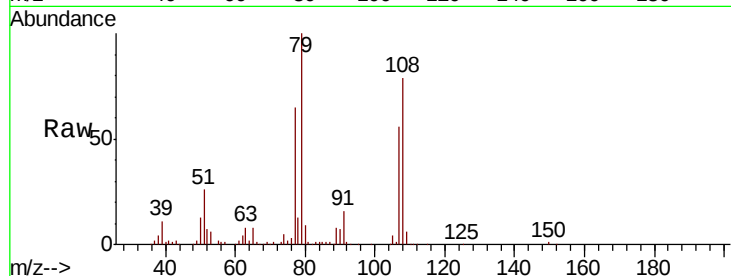
Tot Ion: 79 Resp: 250642

Ion Ratio Lower Upper

79 100

108 78.6 64.1 96.1

77 65.2 51.3 76.9



#16

2,2'-oxybis(1-chloropropane)

Concen: 30.422 ng

RT: 7.18 min Scan# 866

Delta R.T. -0.02 min

Lab File: BF117959.D

Acq: 23 Nov 2019 16:27

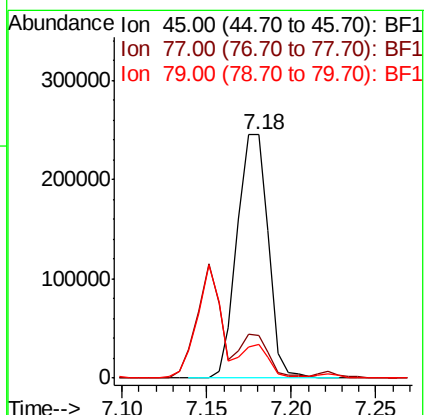
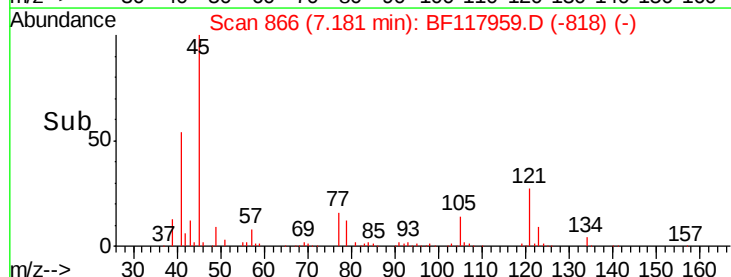
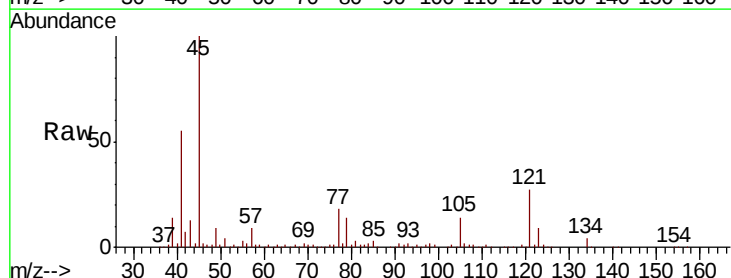
Tgt Ion: 45 Resp: 315282

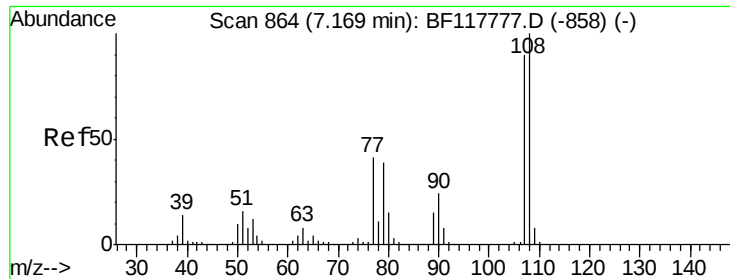
Ion Ratio Lower Upper

45 100

77 17.7 0.0 35.0

79 13.6 0.0 31.1

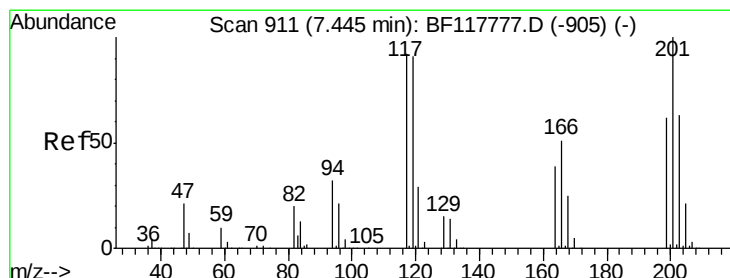
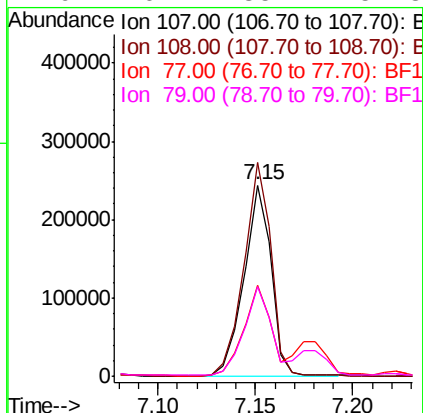
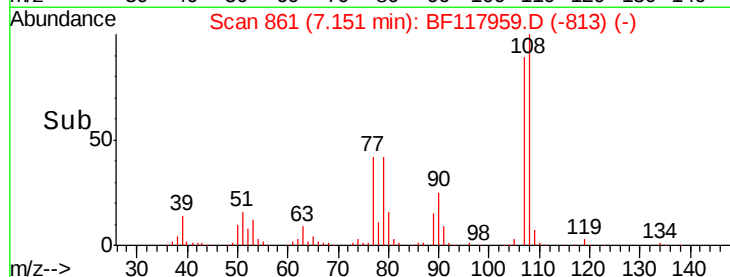
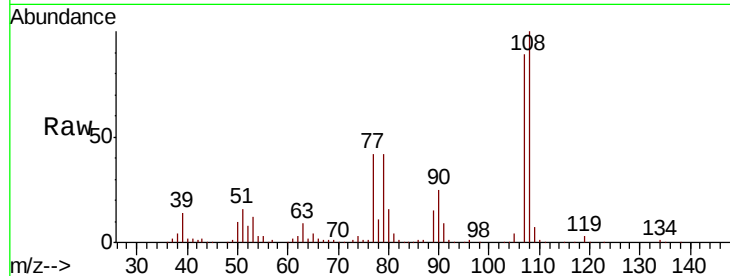




#17
2-Methylphenol
Concen: 38.184 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

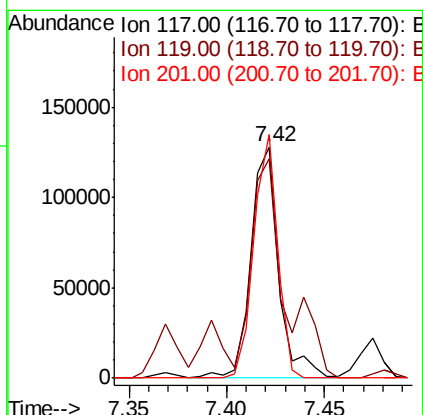
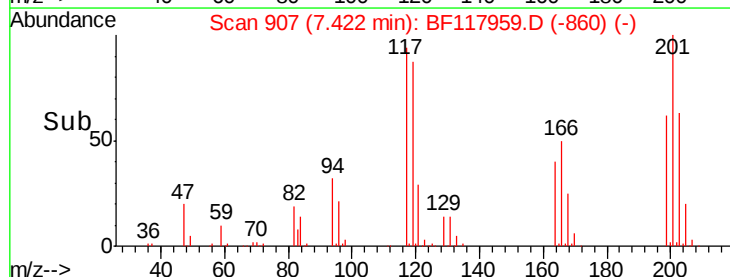
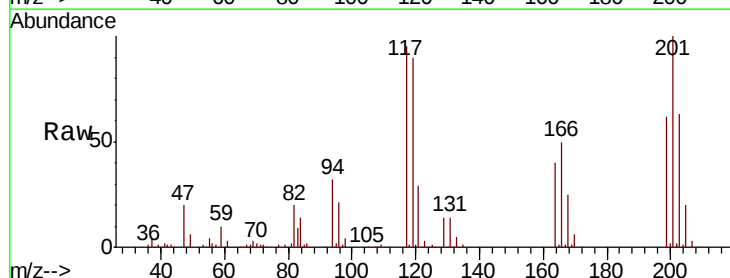
Instrument :
BNA_F
ClientSampleId :

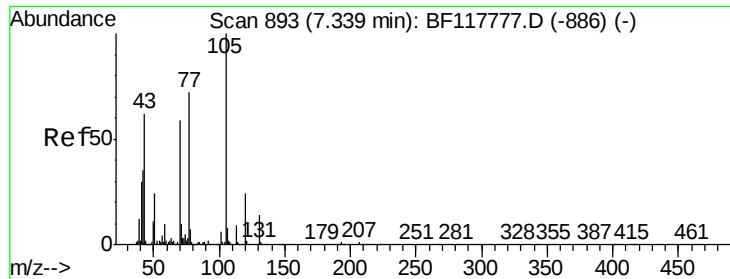
Tot Ion	Ratio	Lower	Upper
107	100		
108	111.8	89.1	133.7
77	47.4	36.6	54.8
79	46.7	35.2	52.8



#18
Hexachloroethane
Concen: 39.542 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	78.7	118.1
201	105.4	86.5	129.7

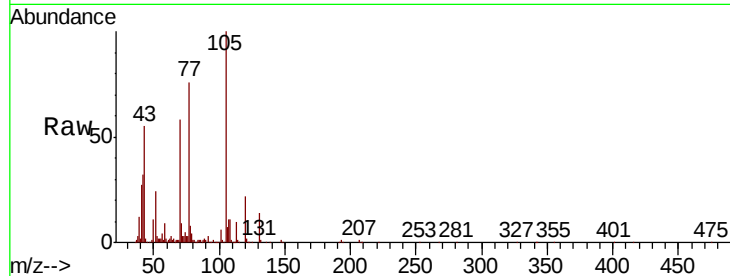




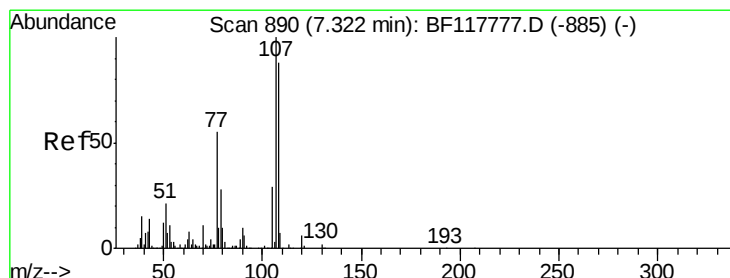
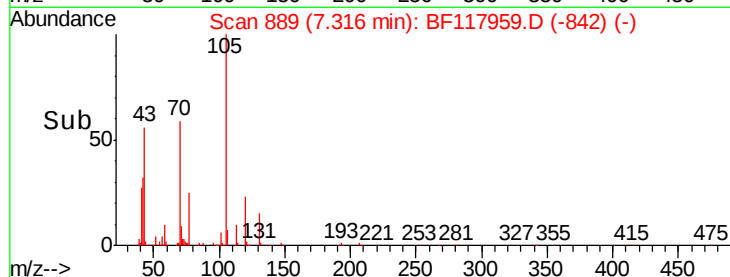
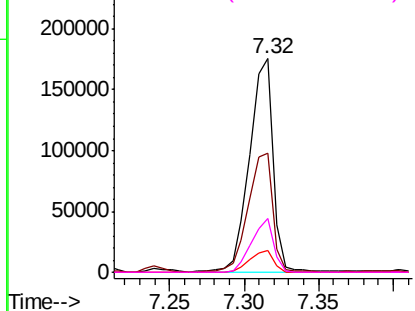
#19
n-Nitroso-di-n-propylamine
Concen: 37.968 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:	70	Resp:	188947
Ion	Ratio	Lower	Upper
70	100		
42	55.6	47.4	71.2
101	10.2	8.4	12.6
130	25.1	18.8	28.2

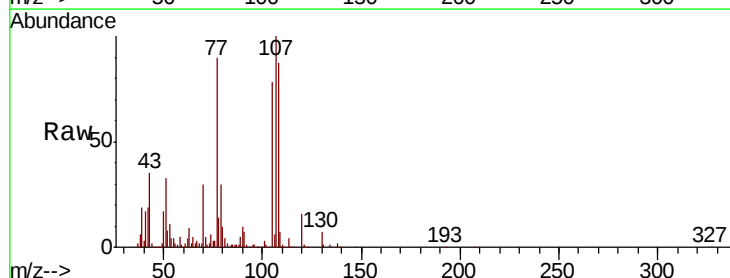


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

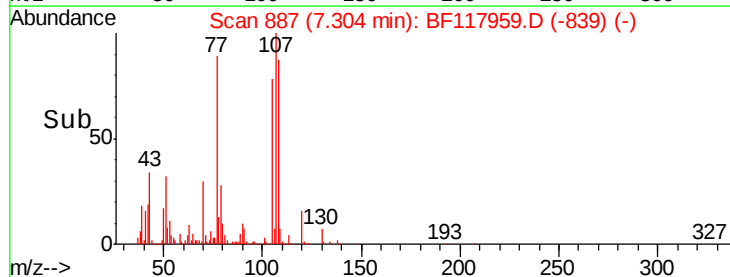
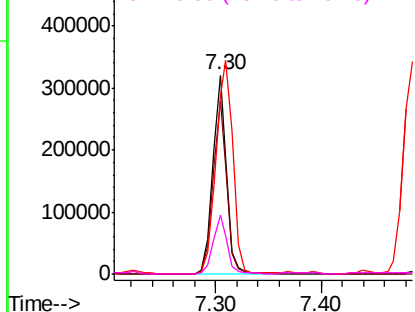


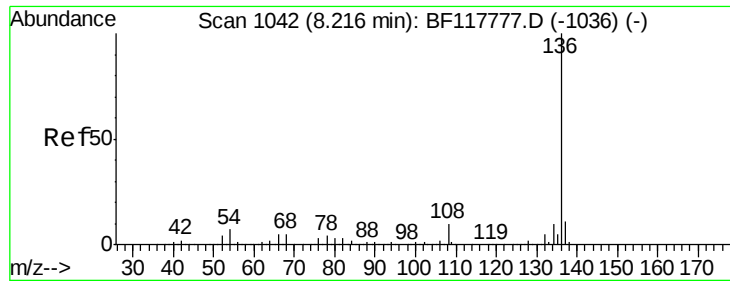
#20
3+4-Methylphenols
Concen: 38.828 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Tgt Ion:	107	Resp:	296202
Ion	Ratio	Lower	Upper
107	100		
108	87.1	68.4	108.4
77	89.6	35.2	75.2#
79	29.9	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: 8.19 min Scan# 1038

Delta R.T. -0.02 min

Lab File: BF117959.D

Acq: 23 Nov 2019 16:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 452266

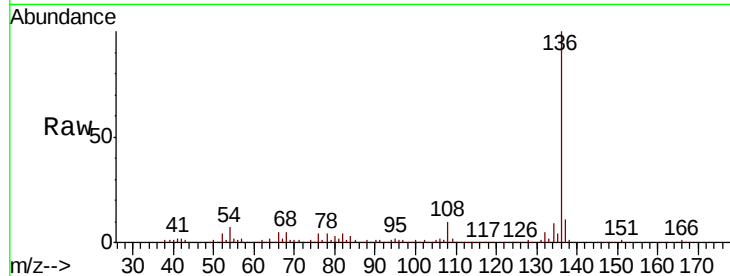
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.4

54 7.0 5.4 8.2

68 5.3 4.3 6.5

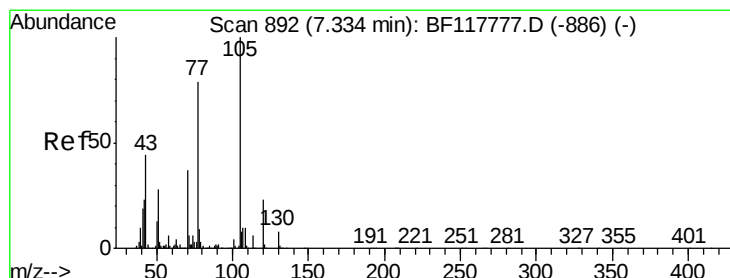
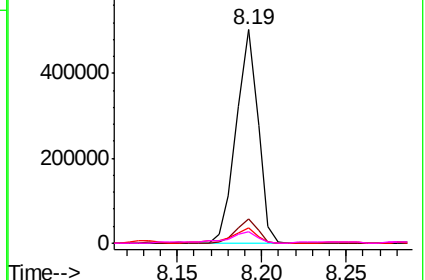
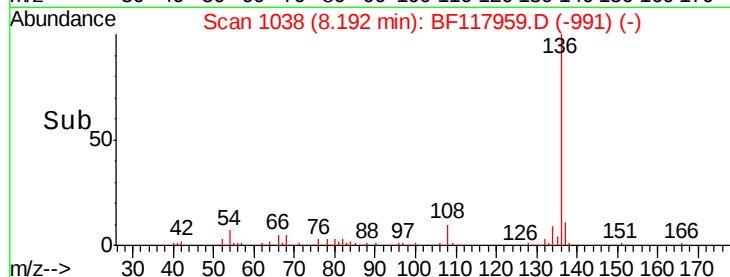


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.970 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.02 min

Lab File: BF117959.D

Acq: 23 Nov 2019 16:27

Tgt Ion:105 Resp: 406139

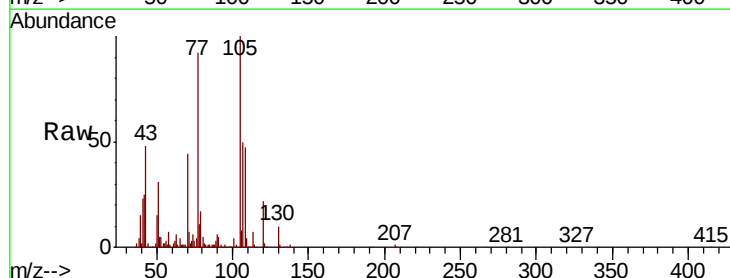
Ion Ratio Lower Upper

105 100

71 7.2 4.9 7.3

51 31.5 22.7 34.1

120 22.1 18.5 27.7

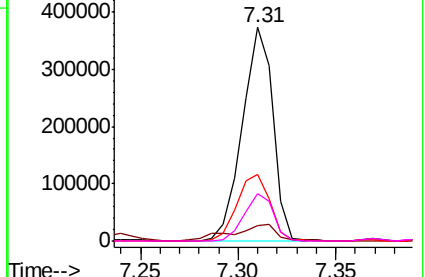
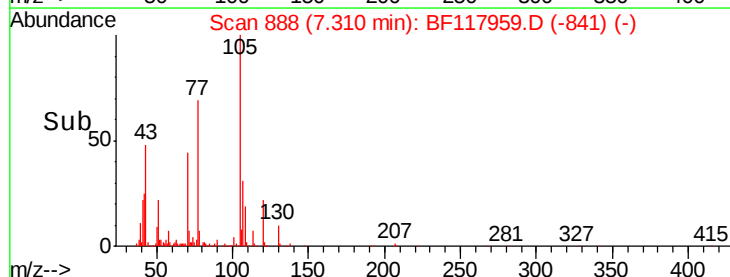


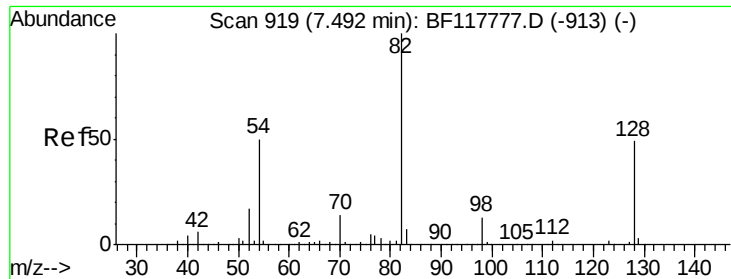
Abundance Ion 105.00 (104.70 to 105.70): E

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

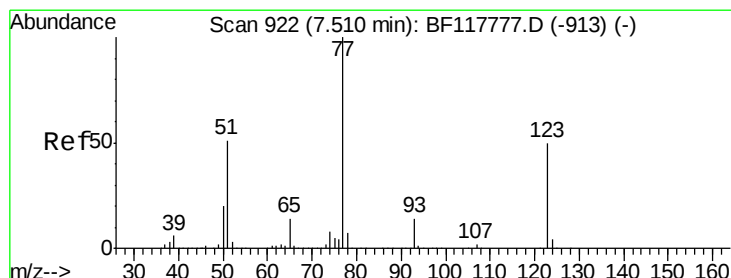
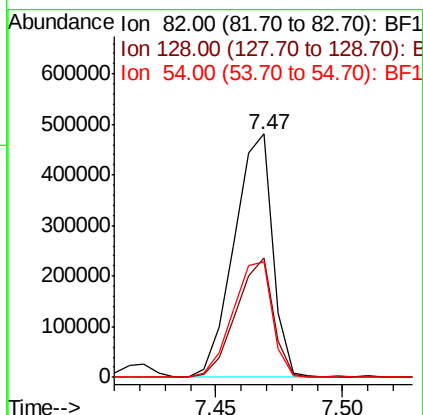
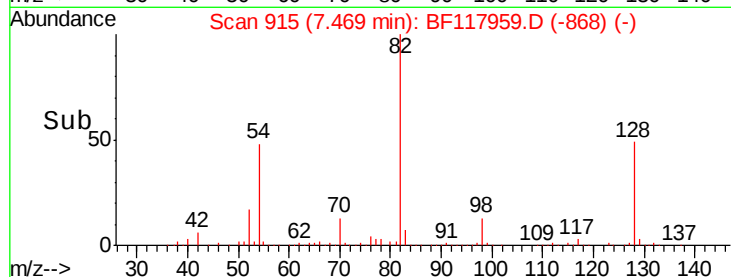
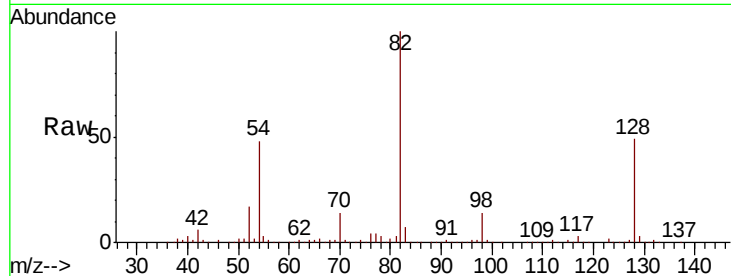




#23
Nitrobenzene-d5
Concen: 66.238 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

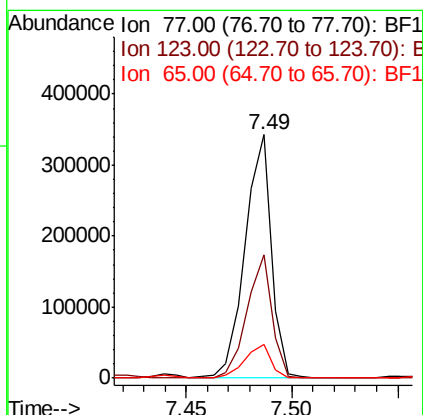
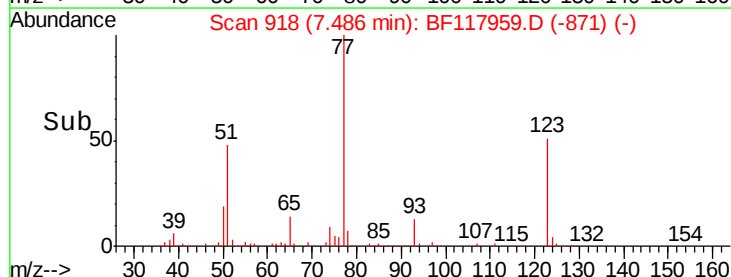
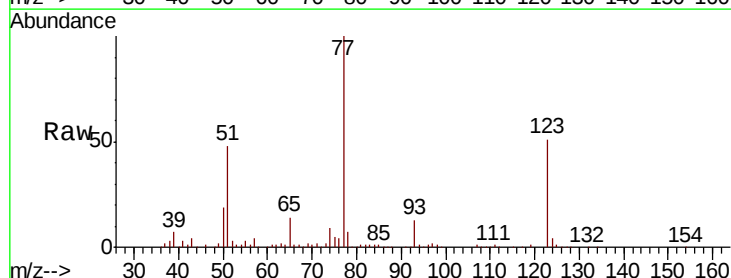
Instrument :
BNA_F
ClientSampleId :

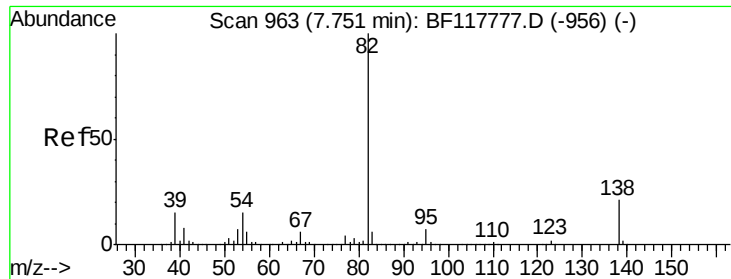
Tot Ion: 82 Resp: 503940
Ion Ratio Lower Upper
82 100
128 49.0 38.9 58.3
54 47.5 39.8 59.6



#24
Nitrobenzene
Concen: 37.400 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Tgt Ion: 77 Resp: 293542
Ion Ratio Lower Upper
77 100
123 50.5 40.3 60.5
65 13.9 10.9 16.3

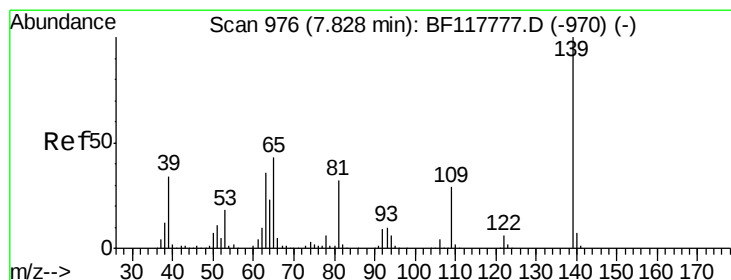
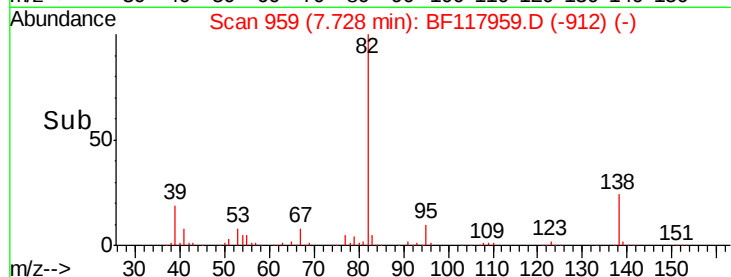
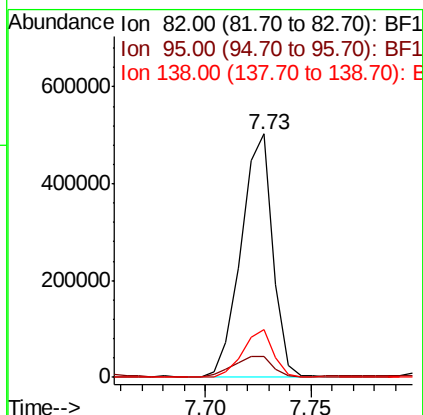
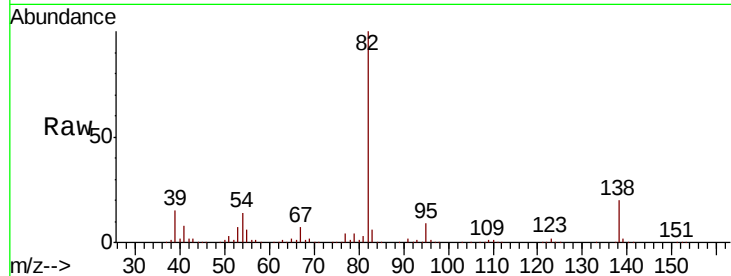




#25
Isophorone
Concen: 37.358 ng
RT: 7.73 min Scan# 959
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

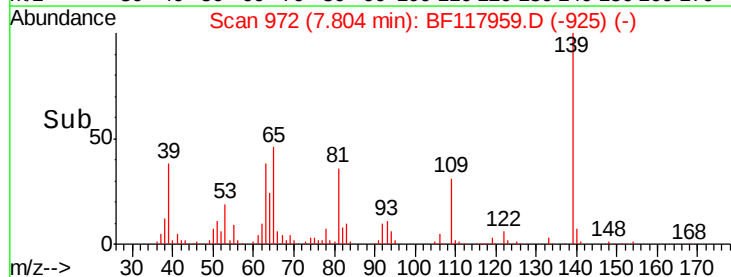
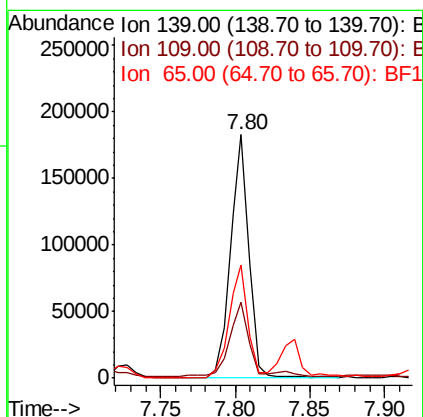
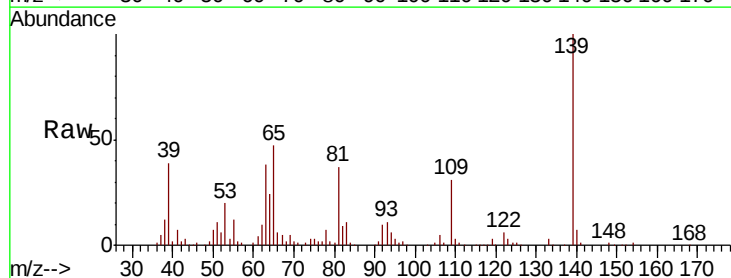
Instrument :
BNA_F
ClientSampleId :

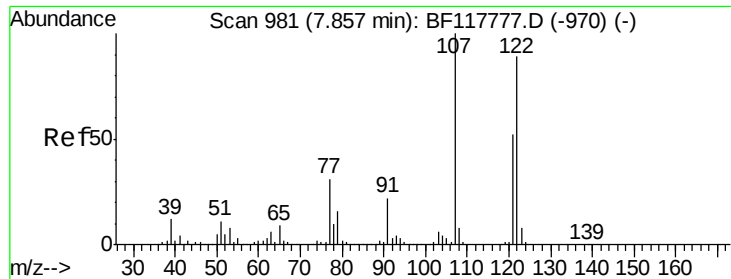
Tot Ion	Ratio	Lower	Upper
82	100		
95	8.5	5.8	8.8
138	19.5	16.5	24.7



#26
2-Nitrophenol
Concen: 42.078 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Tgt Ion	Ratio	Lower	Upper
139	100		
109	31.4	23.0	34.4
65	46.7	34.7	52.1





#27

2,4-Dimethylphenol

Concen: 41.734 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.02 min

Lab File: BF117959.D

Acq: 23 Nov 2019 16:27

Instrument :

BNA_F

ClientSampleId :

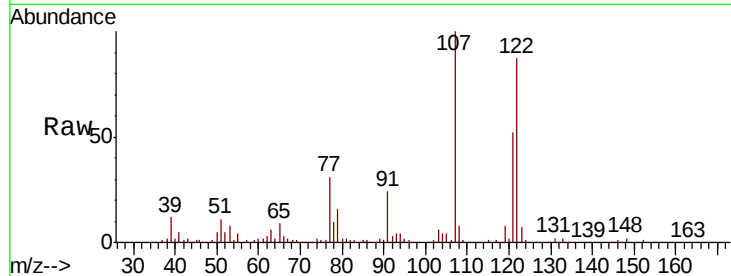
Tot Ion:122 Resp: 247737

Ion Ratio Lower Upper

122 100

107 114.9 90.0 135.0

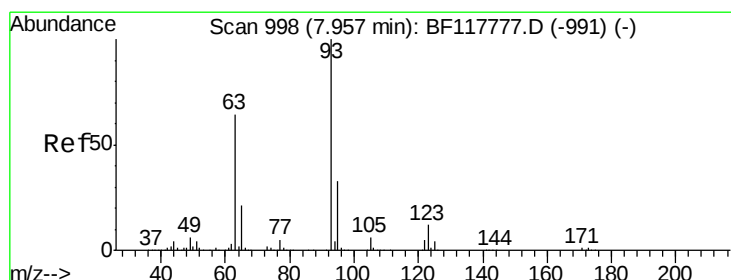
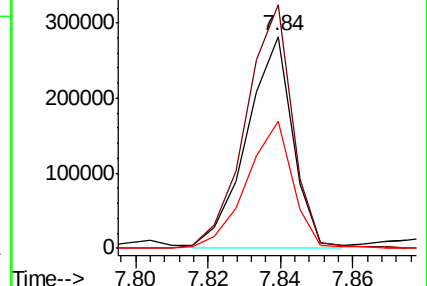
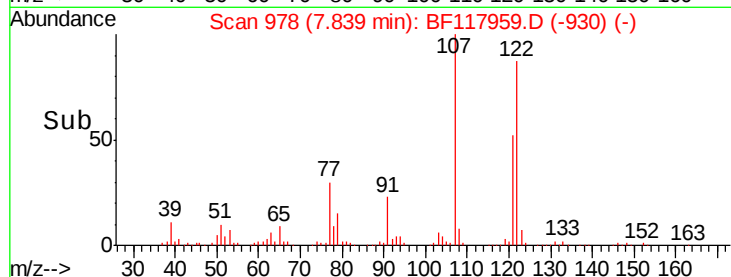
121 59.9 46.7 70.1



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: 35.393 ng

RT: 7.93 min Scan# 994

Delta R.T. -0.02 min

Lab File: BF117959.D

Acq: 23 Nov 2019 16:27

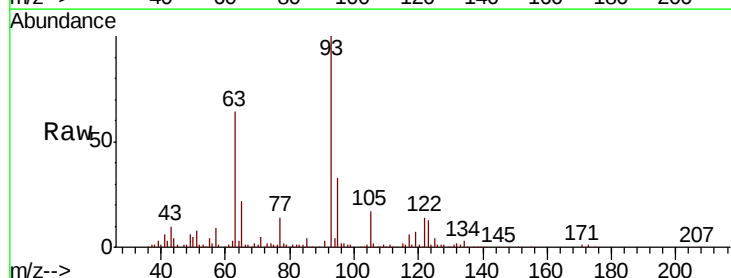
Tgt Ion: 93 Resp: 313181

Ion Ratio Lower Upper

93 100

95 33.2 26.6 40.0

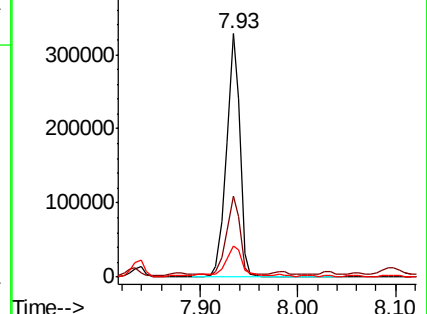
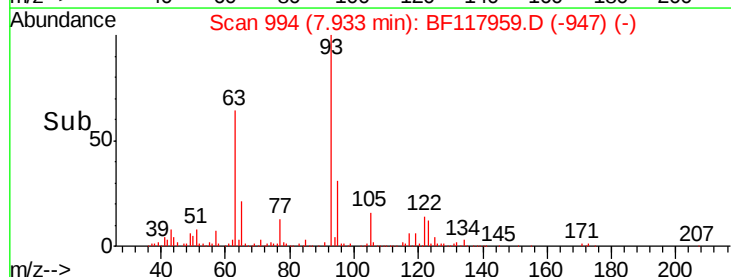
123 12.6 10.3 15.5

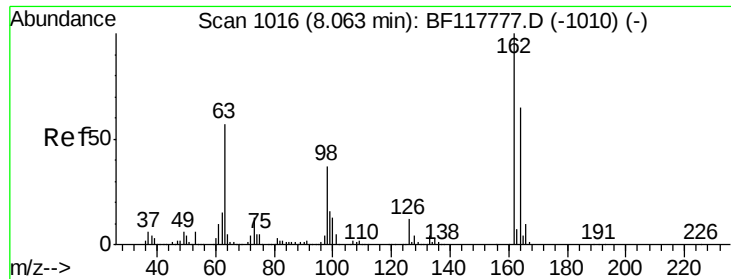


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

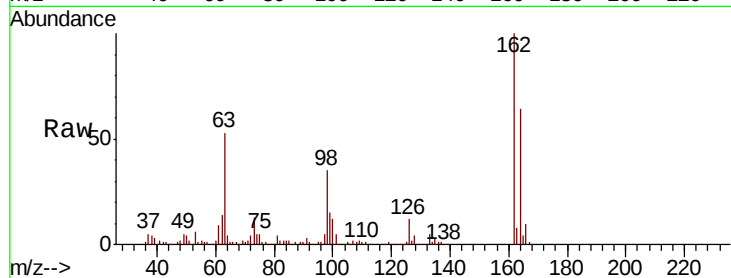




#29
2,4-Dichlorophenol
Concen: 37.201 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	45.1	85.1
98	34.7	17.2	57.2

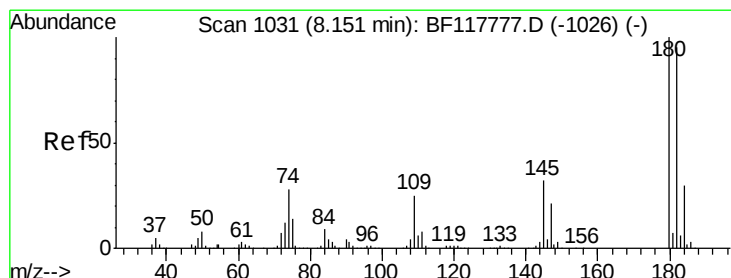
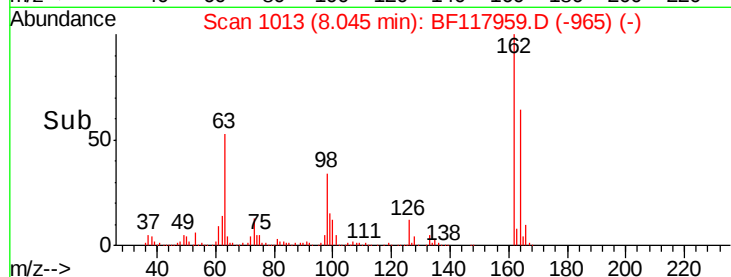
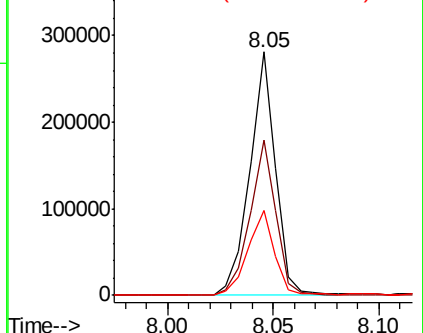


Abundance

Ion 162.00 (161.70 to 162.70): E

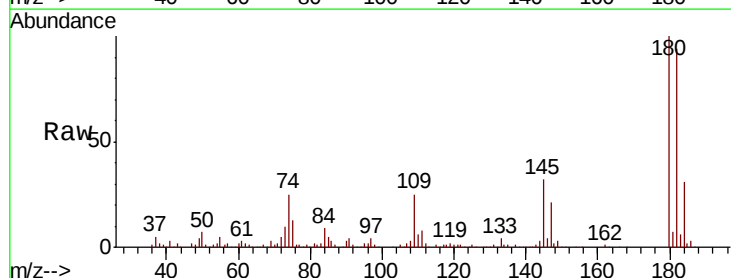
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 35.750 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	75.8	113.6
145	31.9	25.5	38.3

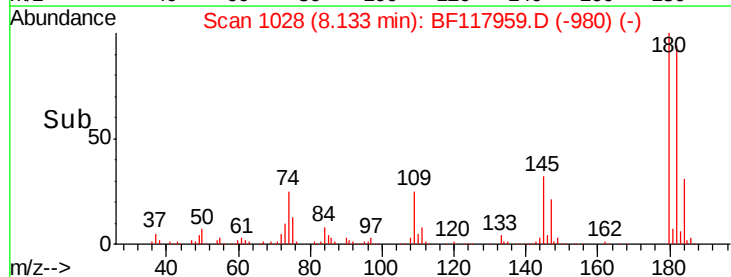
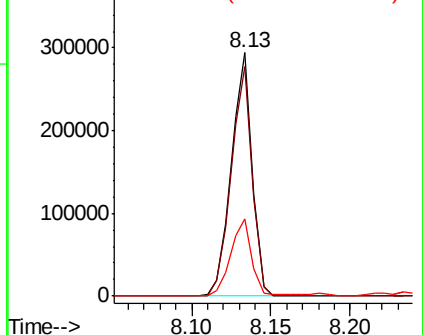


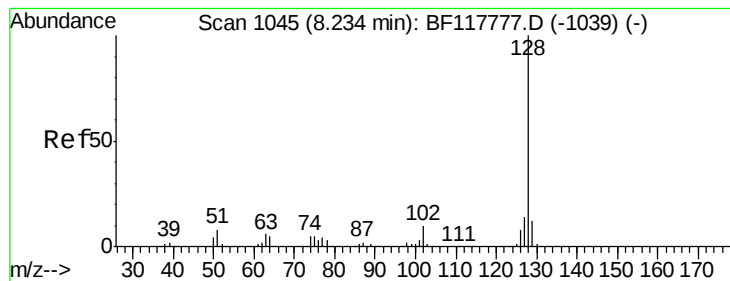
Abundance

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: 42.466 ng

RT: 8.22 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BF117959.D

Acq: 23 Nov 2019 16:27

Instrument :

BNA_F

ClientSampleId :

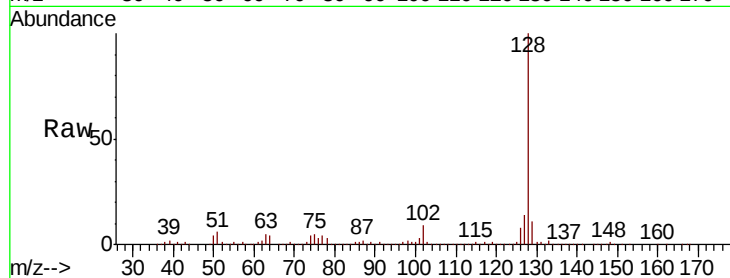
Tot Ion:128 Resp: 895352

Ion Ratio Lower Upper

128 100

129 11.3 9.5 14.3

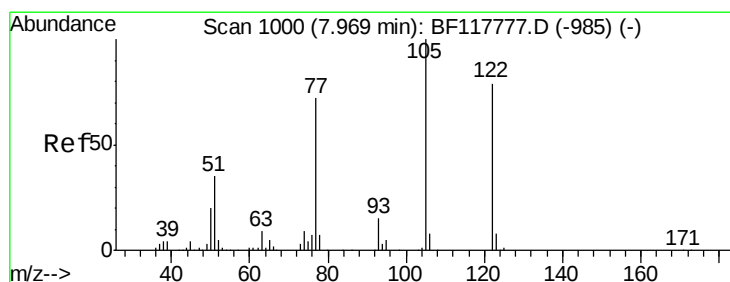
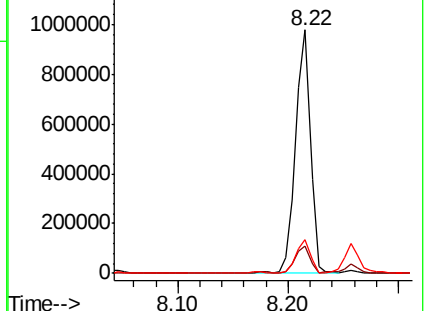
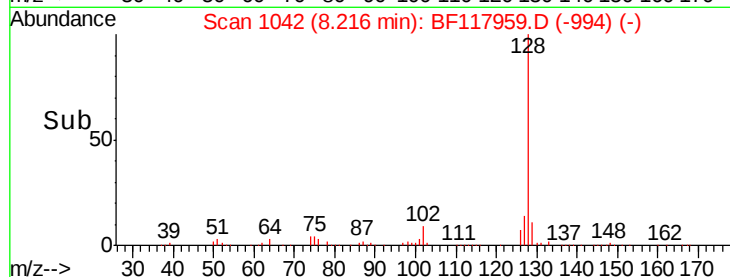
127 13.8 11.3 16.9



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: 38.202 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.02 min

Lab File: BF117959.D

Acq: 23 Nov 2019 16:27

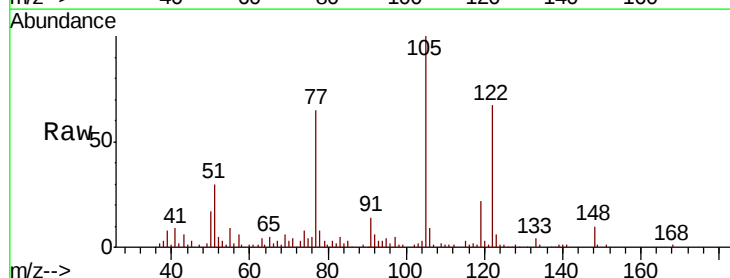
Tgt Ion:122 Resp: 189880

Ion Ratio Lower Upper

122 100

105 149.6 102.7 142.7#

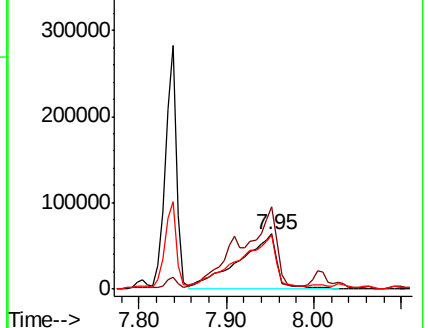
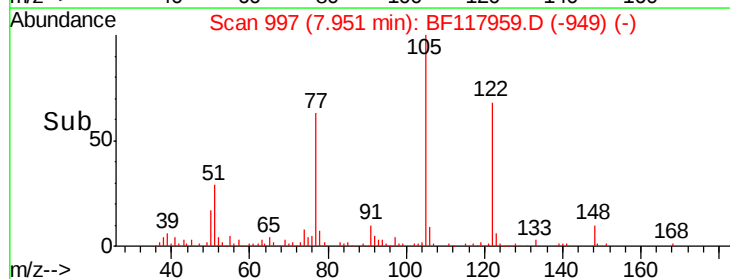
77 97.6 70.5 110.5

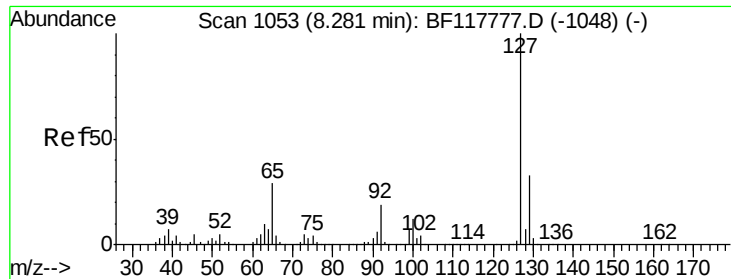


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

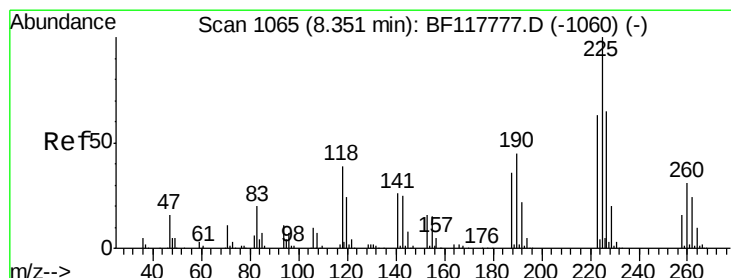
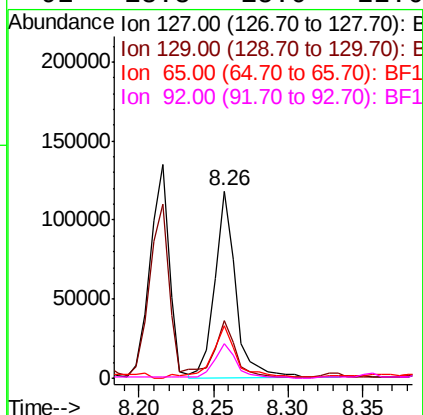
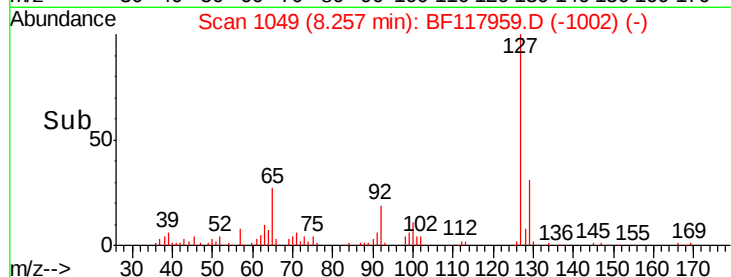
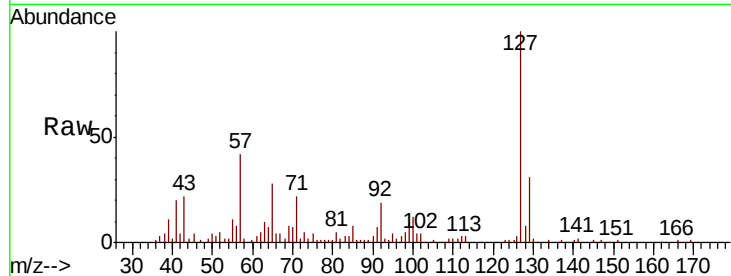




#33
4-Chloroaniline
Concen: 12.231 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

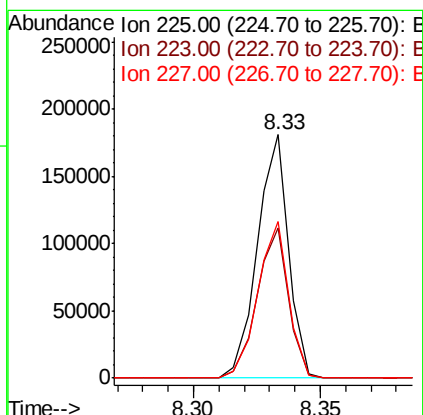
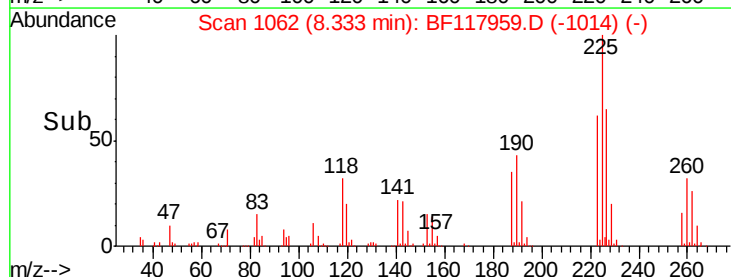
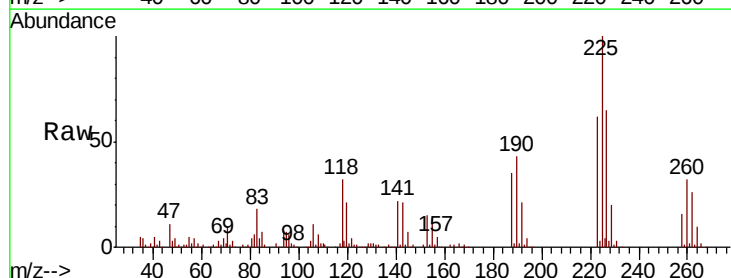
Instrument :
BNA_F
ClientSampleId :

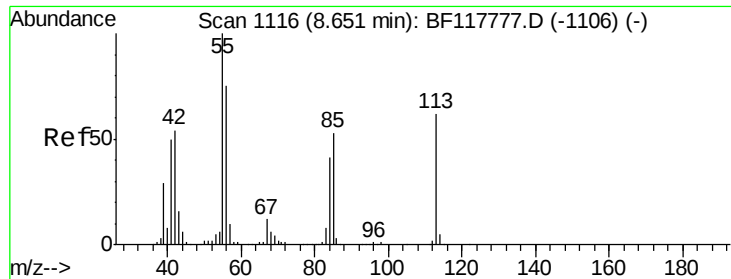
Tot Ion:	127	Resp:	115453
Ion	Ratio	Lower	Upper
127	100		
129	30.8	26.5	39.7
65	27.8	22.9	34.3
92	18.8	15.0	22.6



#34
Hexachlorobutadiene
Concen: 35.327 ng
RT: 8.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Tgt Ion:	225	Resp:	154263
Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.0	75.0
227	64.5	51.8	77.6

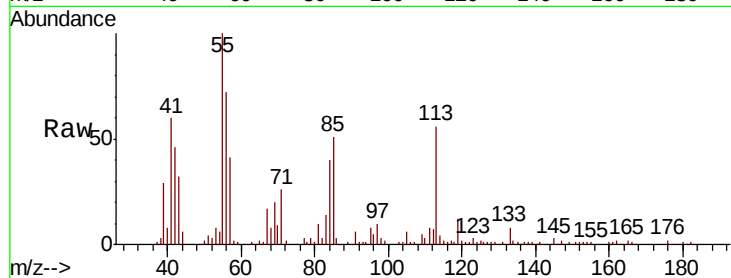




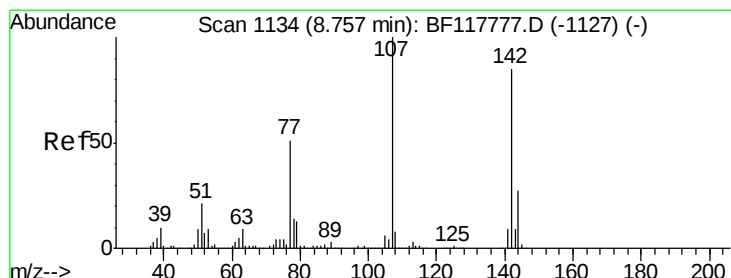
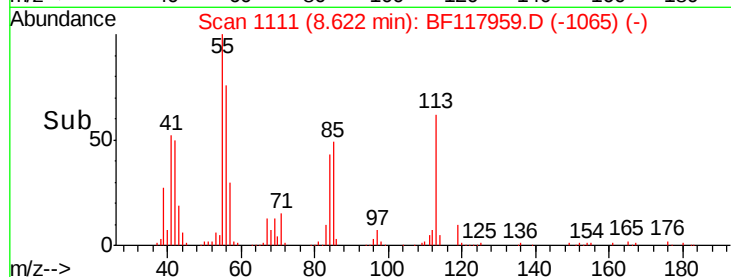
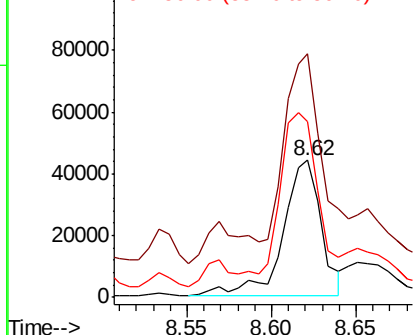
#35
Caprolactam
Concen: 33.536 ng
RT: 8.62 min Scan# 1111
Delta R.T. -0.03 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 68628
Ion Ratio Lower Upper
113 100
55 177.5 141.1 181.1
56 128.0 100.5 140.5

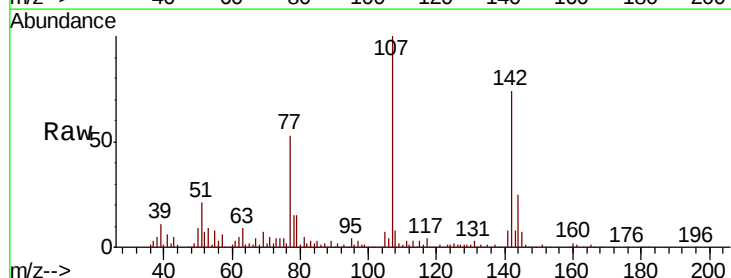


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

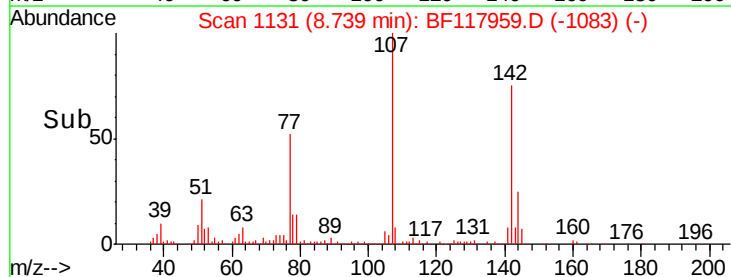
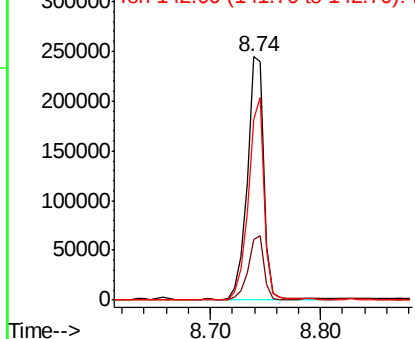


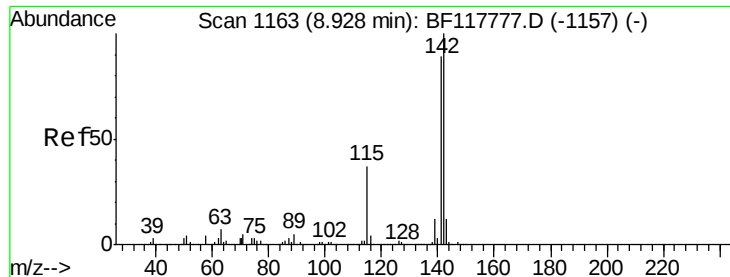
#36
4-Chloro-3-methylphenol
Concen: 39.376 ng
RT: 8.74 min Scan# 1131
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Tgt Ion:107 Resp: 257308
Ion Ratio Lower Upper
107 100
144 25.1 21.9 32.9
142 74.3 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

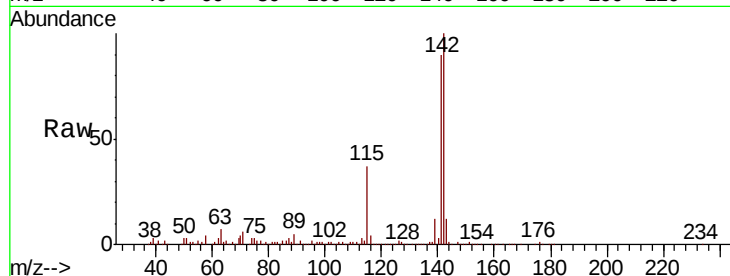




#37
2-Methylnaphthalene
Concen: 43.405 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.1	106.7
115	36.9	29.2	43.8

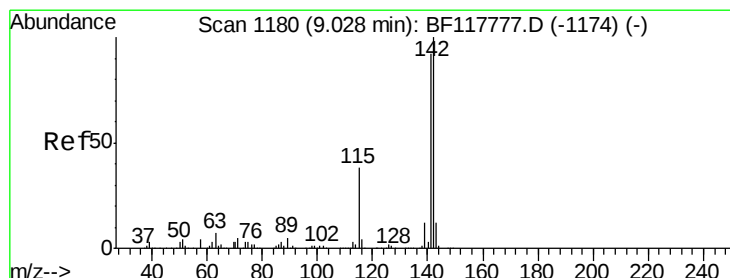
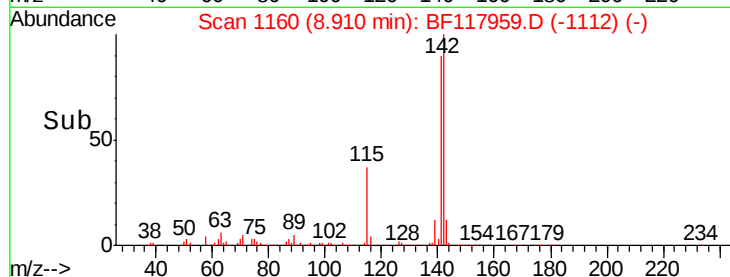
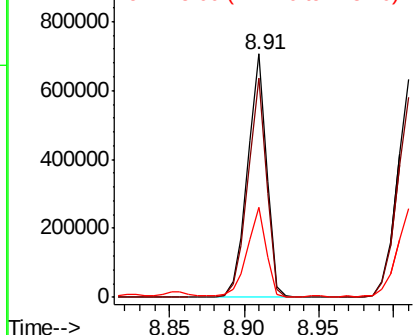


Abundance

Ion 142.00 (141.70 to 142.70): E

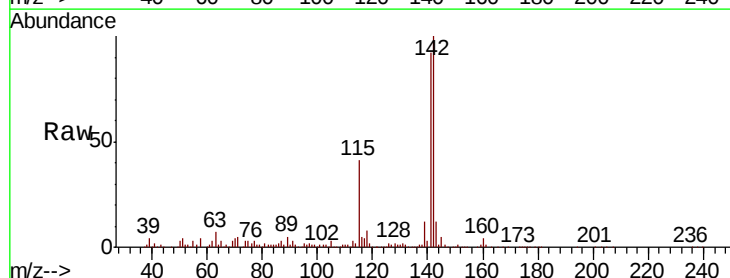
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 41.232 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.5	110.3
116	4.6	3.2	4.8

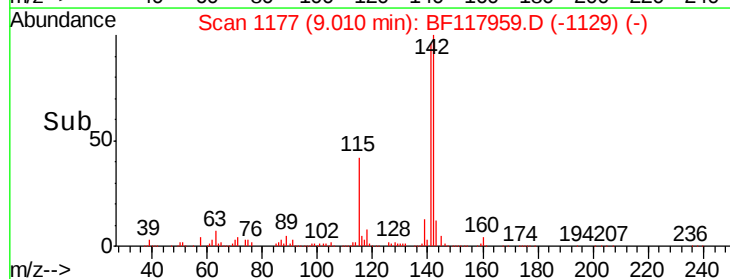
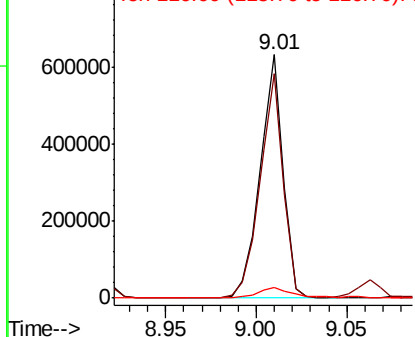


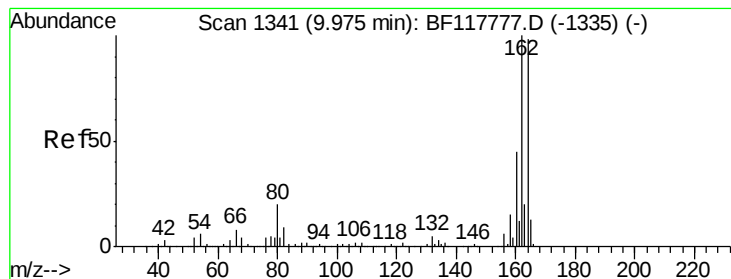
Abundance

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: 9.96 min Scan# 1338

Delta R.T. -0.02 min

Lab File: BF117959.D

Acq: 23 Nov 2019 16:27

Instrument :

BNA_F

ClientSampleId :

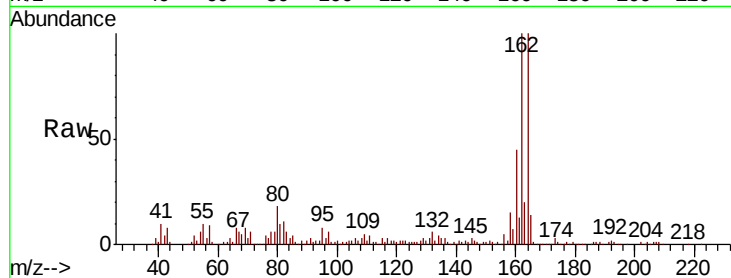
Tot Ion:164 Resp: 235270

Ion Ratio Lower Upper

164 100

162 100.3 81.3 121.9

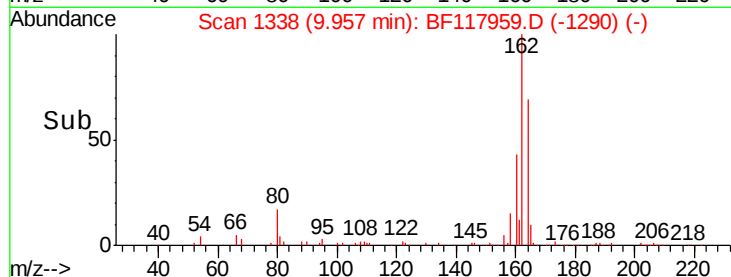
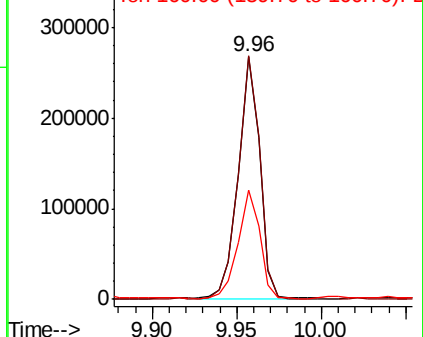
160 44.9 36.6 55.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.361 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.02 min

Lab File: BF117959.D

Acq: 23 Nov 2019 16:27

Tgt Ion:216 Resp: 241600

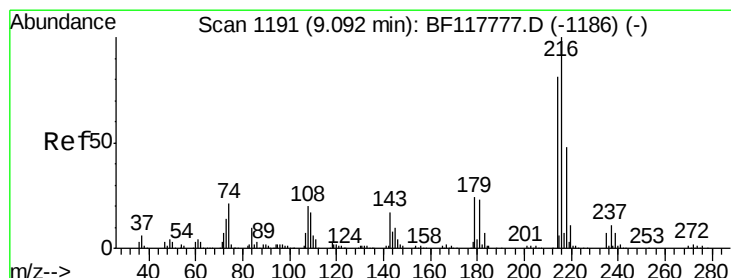
Ion Ratio Lower Upper

216 100

214 79.3 63.4 95.0

179 23.1 18.2 27.4

108 22.8 16.0 24.0

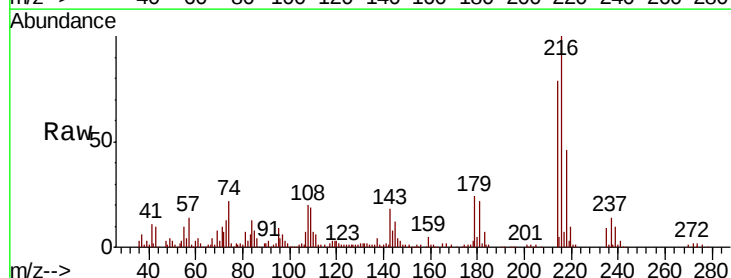
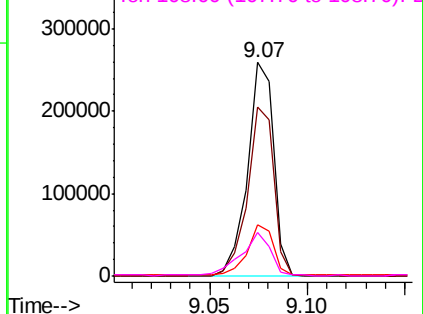


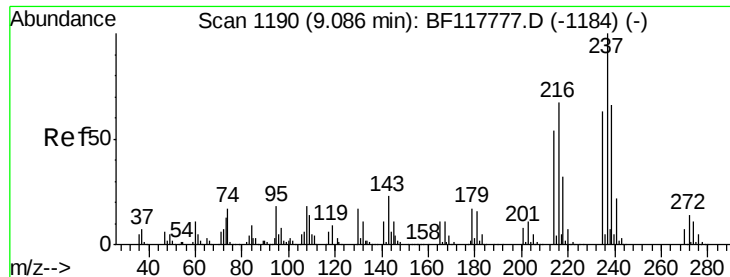
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 81.858 ng

RT: 9.06 min Scan# 1186

Delta R.T. -0.02 min

Lab File: BF117959.D

Acq: 23 Nov 2019 16:27

Instrument :

BNA_F

ClientSampled :

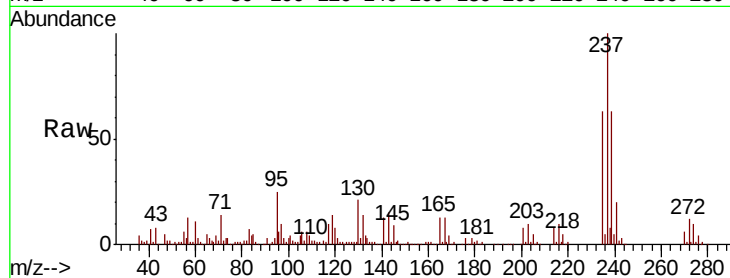
Tot Ion:237 Resp: 313427

Ion Ratio Lower Upper

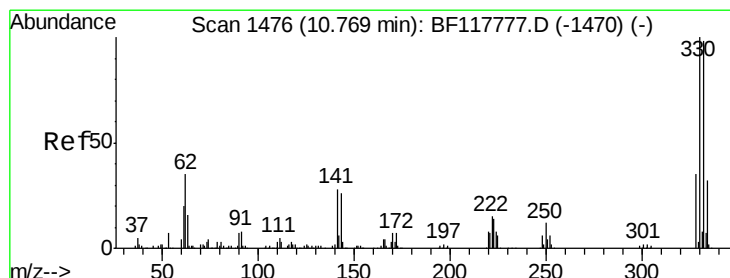
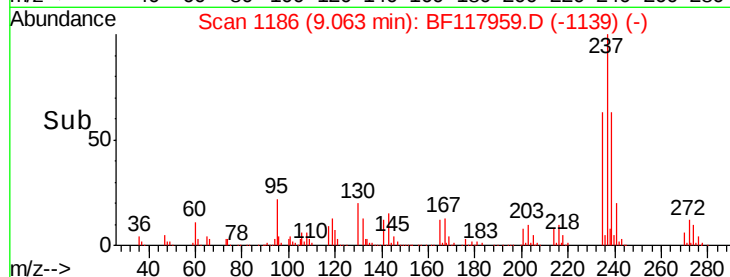
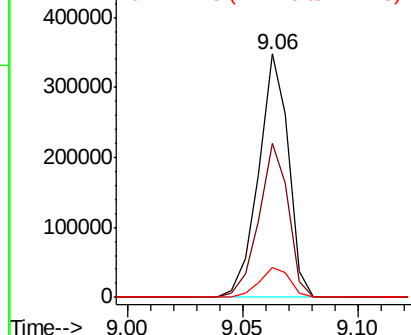
237 100

235 63.1 42.6 82.6

272 12.4 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: 103.723 ng

RT: 10.75 min Scan# 1473

Delta R.T. -0.02 min

Lab File: BF117959.D

Acq: 23 Nov 2019 16:27

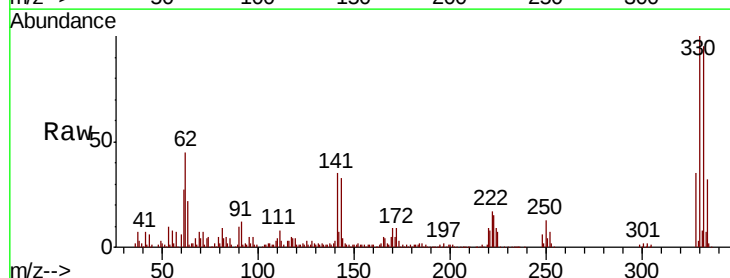
Tgt Ion:330 Resp: 258352

Ion Ratio Lower Upper

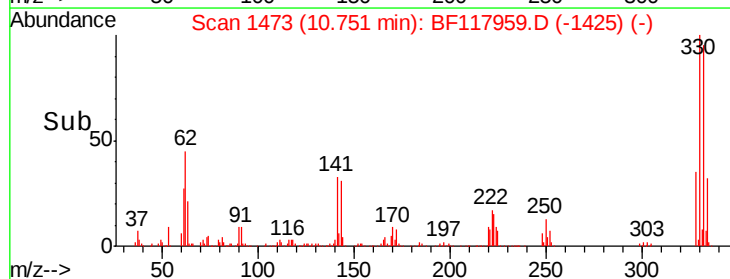
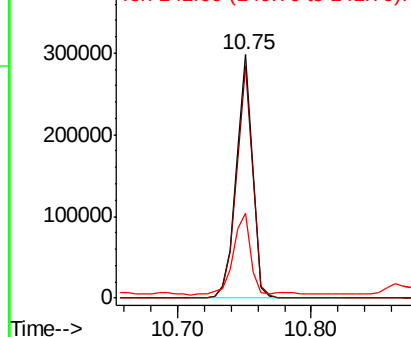
330 100

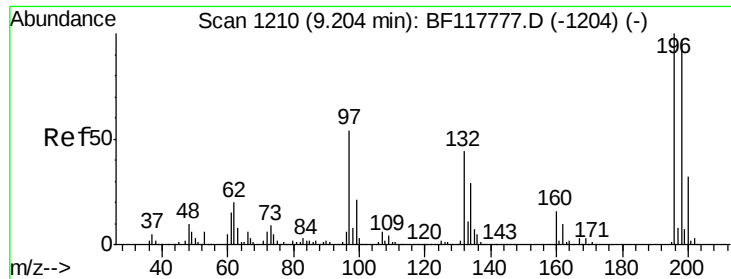
332 95.5 76.7 115.1

141 35.1 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

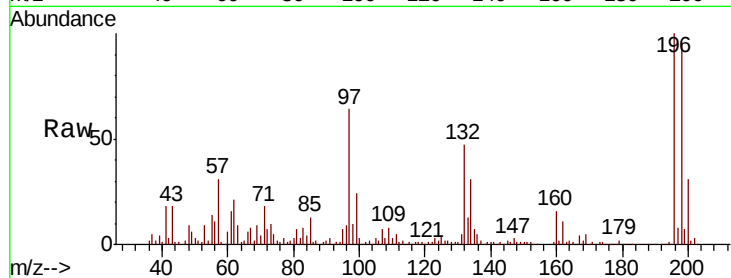




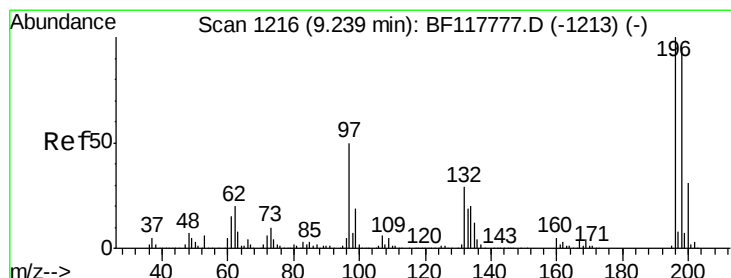
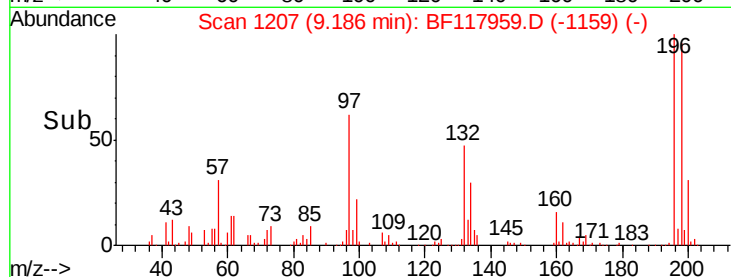
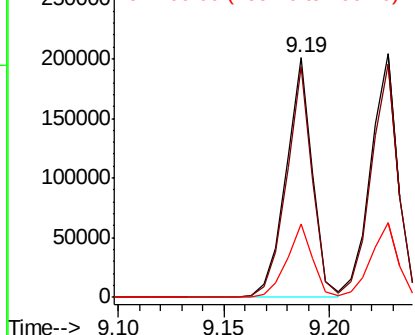
#43
 2,4,6-Trichlorophenol
 Concen: 35.675 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF117959.D
 Acq: 23 Nov 2019 16:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 174589
 Ion Ratio Lower Upper
 196 100
 198 96.3 77.8 116.6
 200 30.7 25.4 38.0

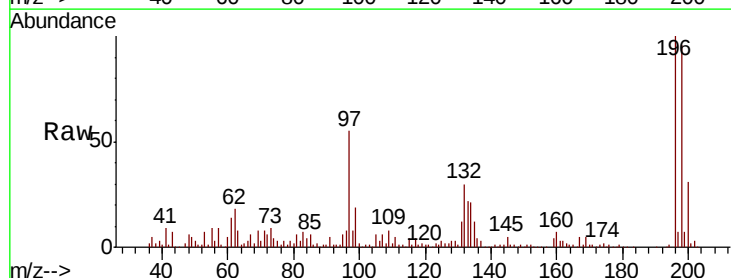


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

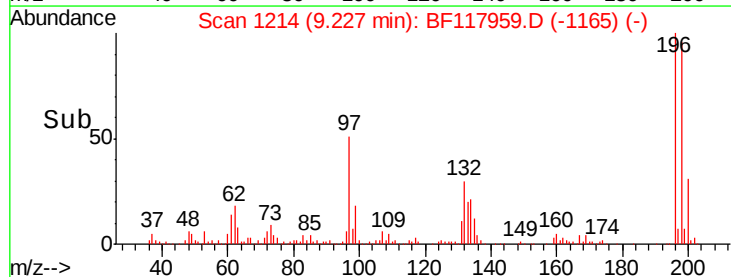
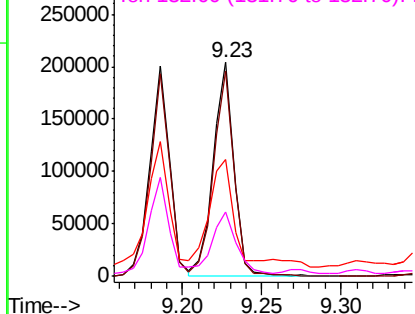


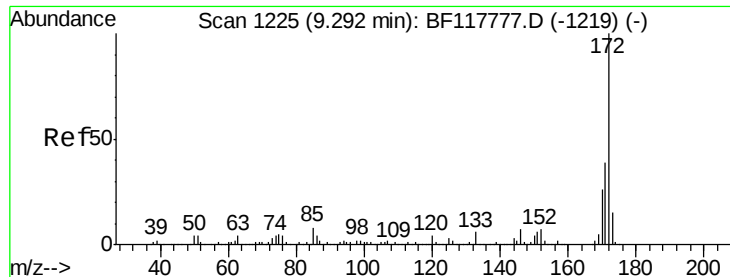
#44
 2,4,5-Trichlorophenol
 Concen: 36.001 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF117959.D
 Acq: 23 Nov 2019 16:27

Tgt Ion:196 Resp: 182928
 Ion Ratio Lower Upper
 196 100
 198 96.1 76.3 114.5
 97 54.8 40.0 60.0
 132 29.9 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

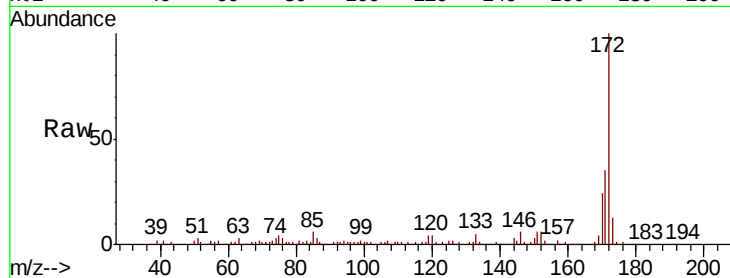




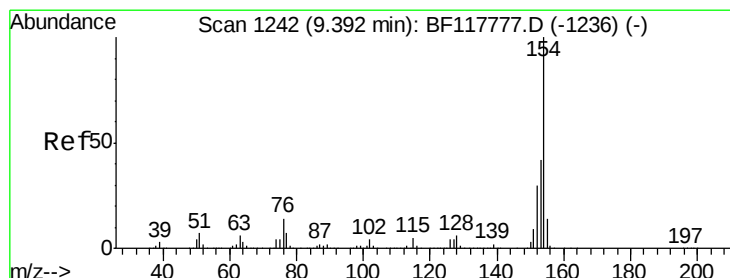
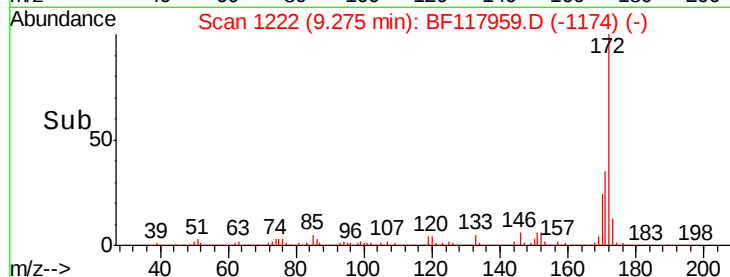
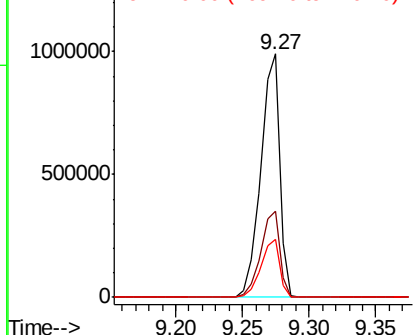
#45
2-Fluorobiphenyl
Concen: 73.041 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 957863
Ion Ratio Lower Upper
172 100
171 35.4 30.9 46.3
170 23.8 21.0 31.4

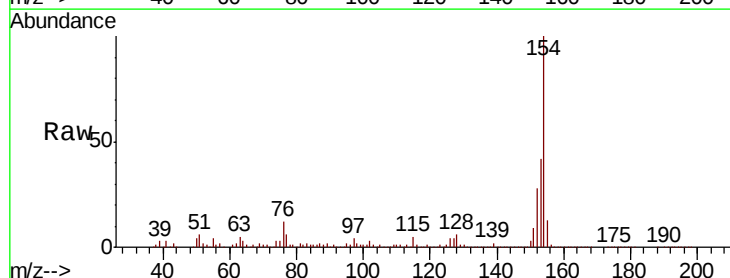


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

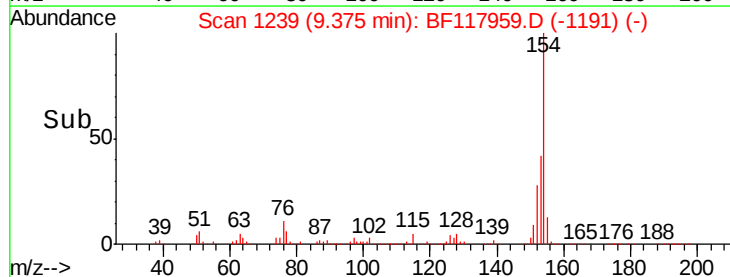
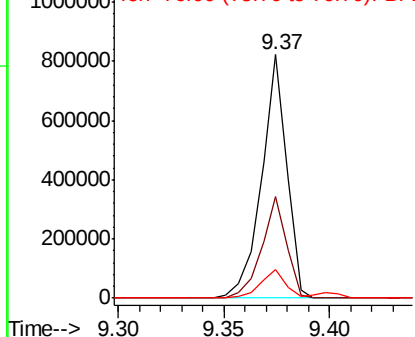


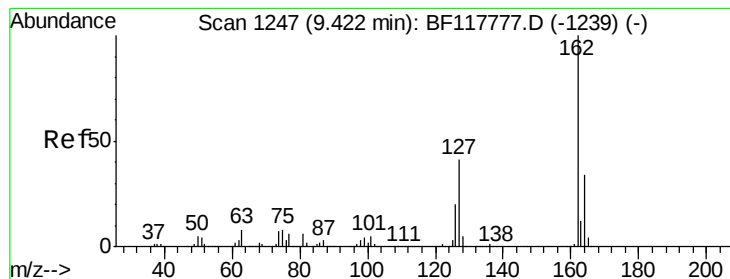
#46
1,1'-Biphenyl
Concen: 38.839 ng
RT: 9.37 min Scan# 1239
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Tgt Ion:154 Resp: 677923
Ion Ratio Lower Upper
154 100
153 41.6 21.9 61.9
76 11.5 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: 35.509 ng

RT: 9.40 min Scan# 1243

Delta R.T. -0.02 min

Lab File: BF117959.D

Acq: 23 Nov 2019 16:27

Instrument :

BNA_F

ClientSampleId :

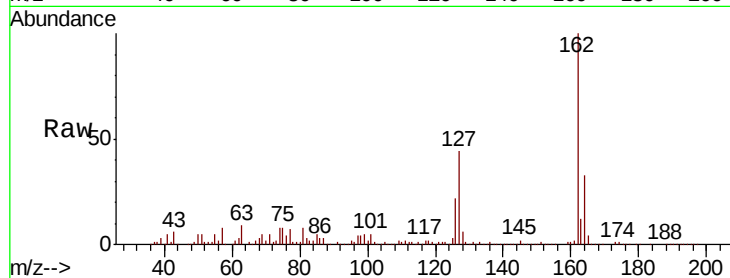
Tot Ion:162 Resp: 509891

Ion Ratio Lower Upper

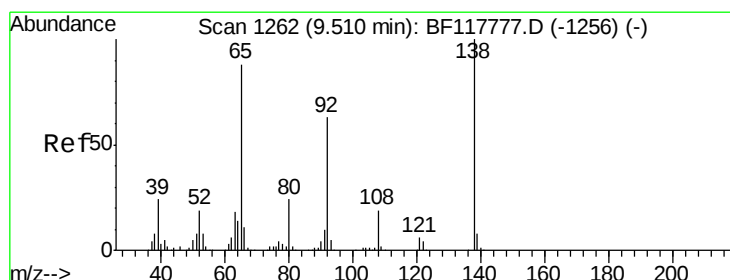
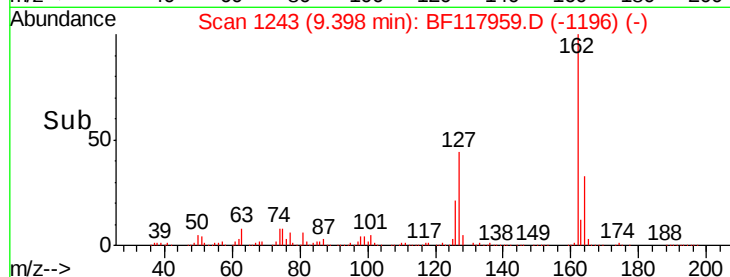
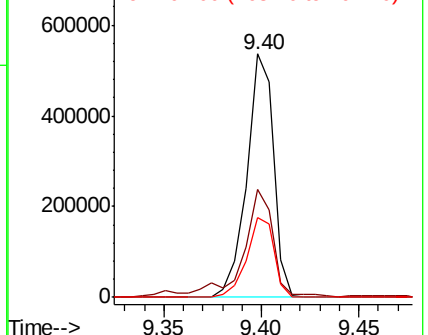
162 100

127 44.3 33.2 49.8

164 32.9 27.3 40.9



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



#48

2-Nitroaniline

Concen: 34.788 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF117959.D

Acq: 23 Nov 2019 16:27

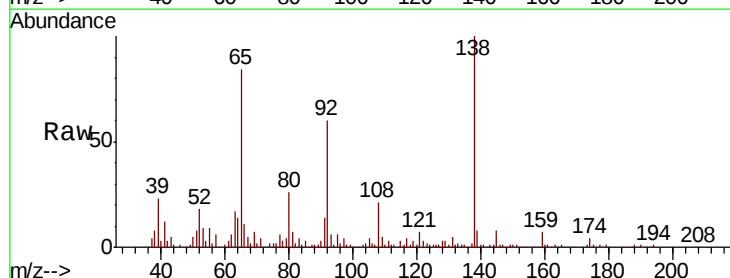
Tgt Ion: 65 Resp: 150810

Ion Ratio Lower Upper

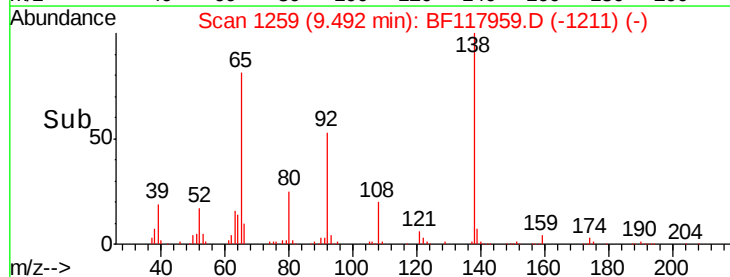
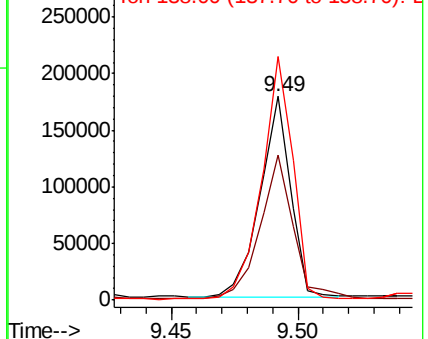
65 100

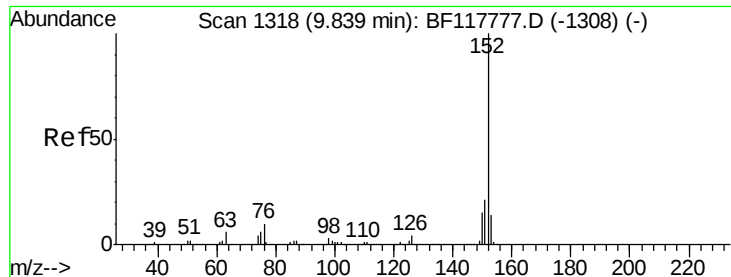
92 71.3 56.6 84.8

138 119.6 90.5 135.7



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





#49

Acenaphthylene

Concen: 39.802 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.02 min

Lab File: BF117959.D

Acq: 23 Nov 2019 16:27

Instrument :

BNA_F

ClientSampleId :

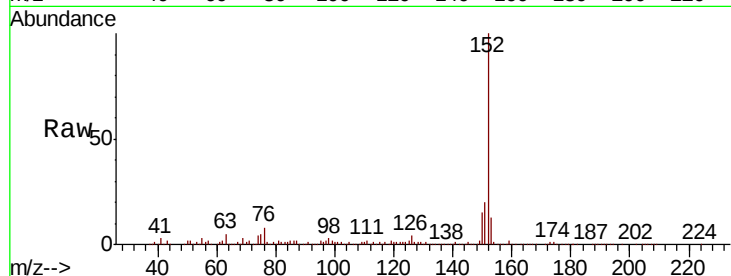
Tot Ion:152 Resp: 833262

Ion Ratio Lower Upper

152 100

151 20.2 17.0 25.6

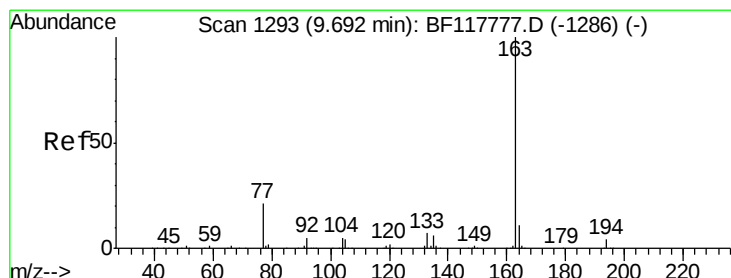
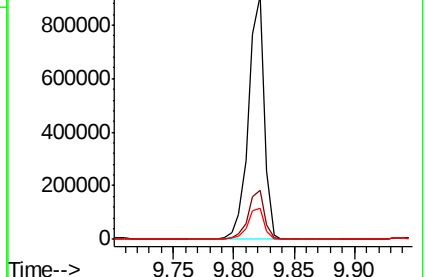
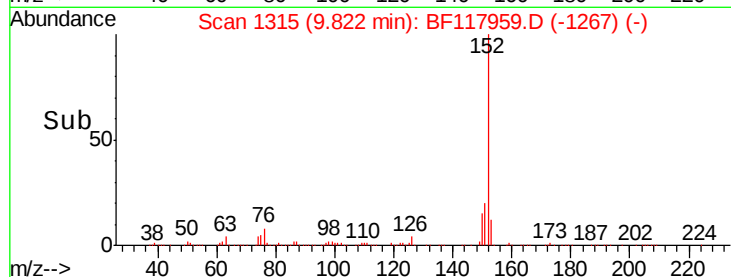
153 12.9 11.0 16.6



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: 45.797 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BF117959.D

Acq: 23 Nov 2019 16:27

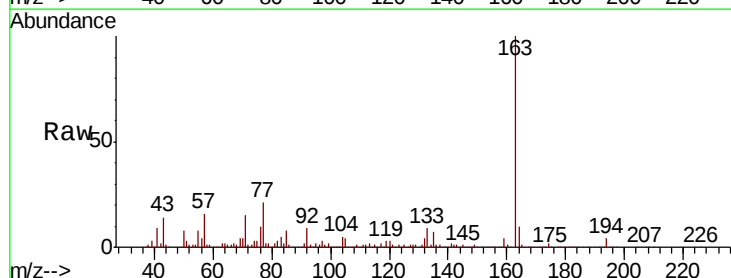
Tgt Ion:163 Resp: 755569

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

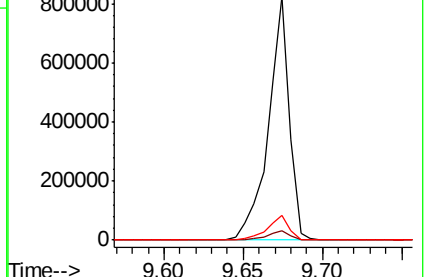
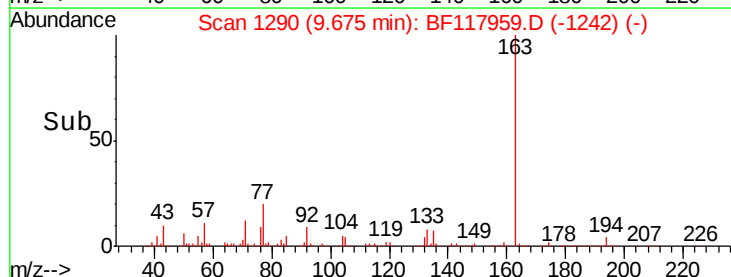
164 10.1 8.7 13.1

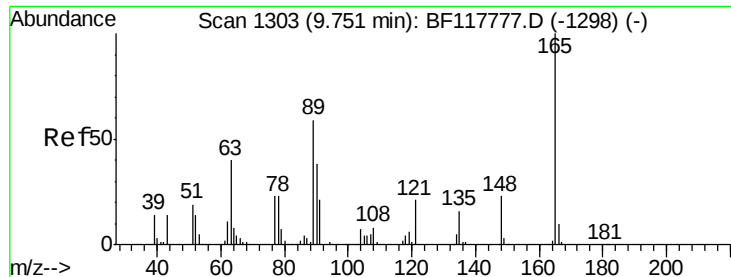


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 37.249 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.02 min

Lab File: BF117959.D

Acq: 23 Nov 2019 16:27

Instrument :

BNA_F

ClientSampleId :

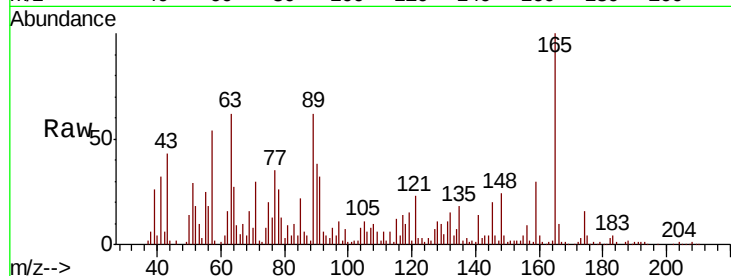
Tot Ion:165 Resp: 134311

Ion Ratio Lower Upper

165 100

63 62.5 46.0 69.0

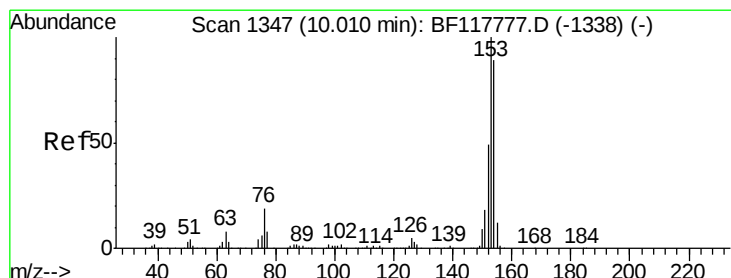
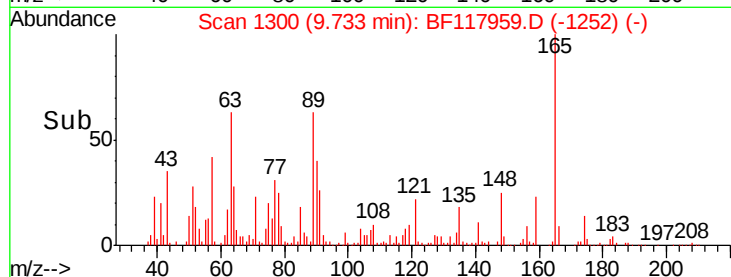
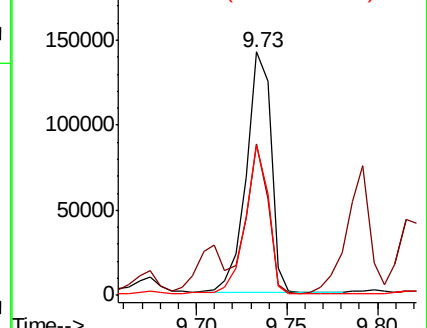
89 61.8 47.7 71.5



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: 42.161 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.02 min

Lab File: BF117959.D

Acq: 23 Nov 2019 16:27

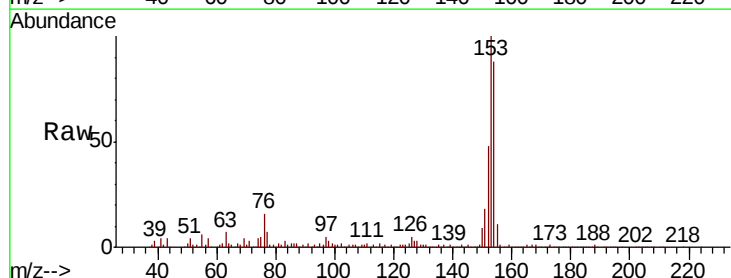
Tgt Ion:154 Resp: 565425

Ion Ratio Lower Upper

154 100

153 113.1 90.1 135.1

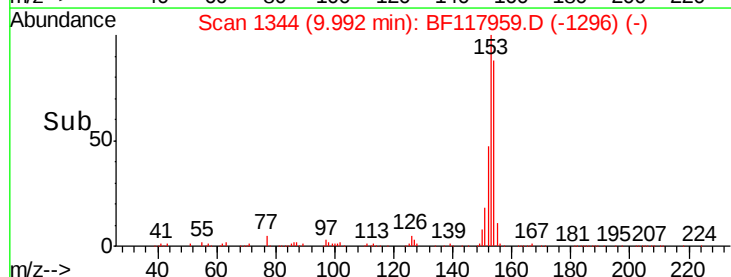
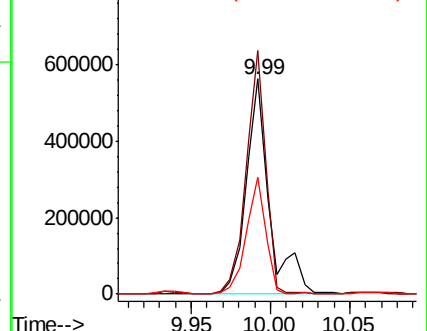
152 54.4 44.0 66.0

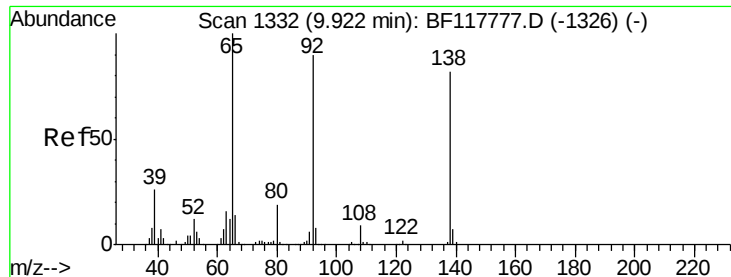


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

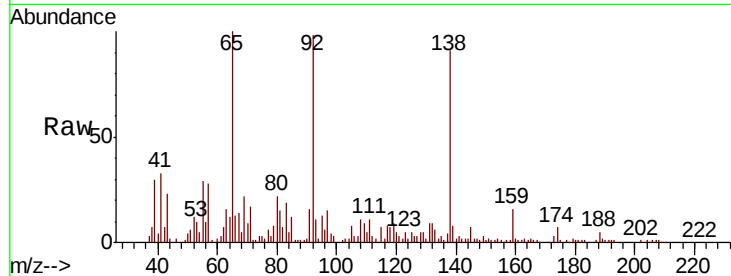




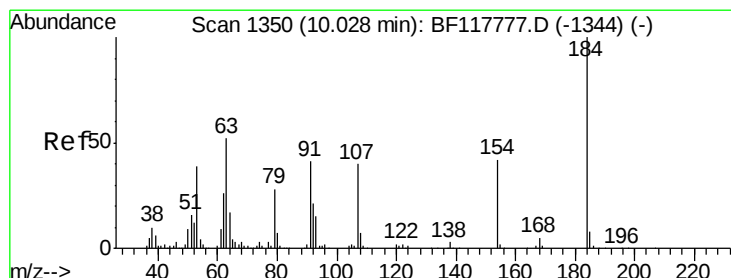
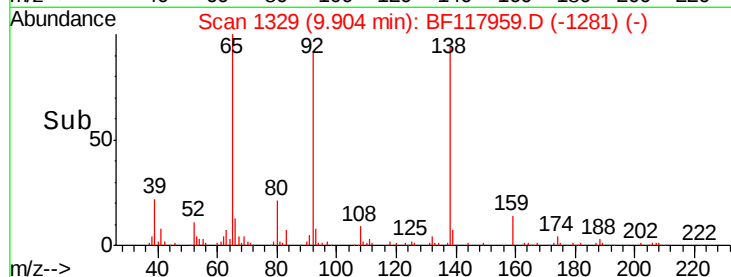
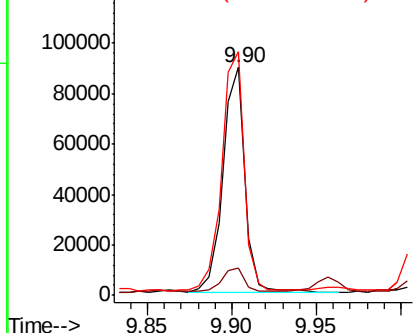
#53
3-Nitroaniline
Concen: 18.686 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 80622
Ion Ratio Lower Upper
138 100
108 12.2 8.6 12.8
92 106.9 87.9 131.9

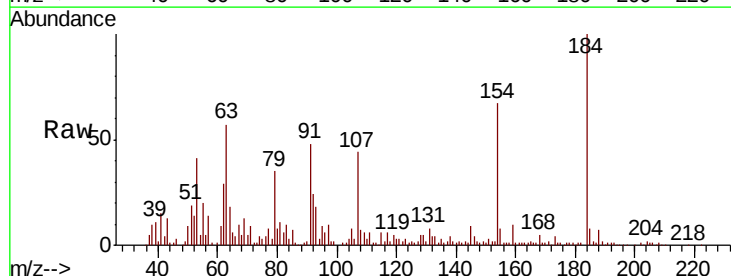


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

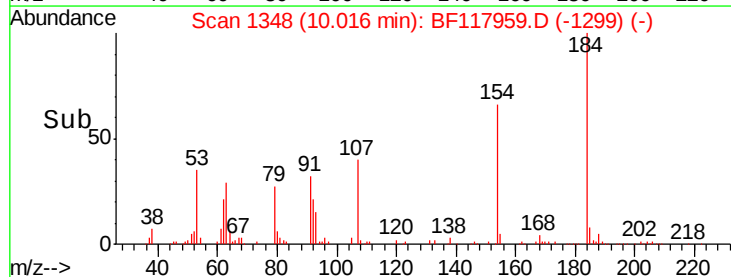
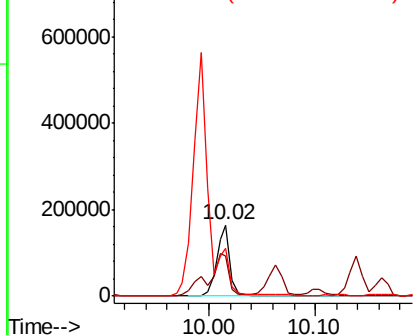


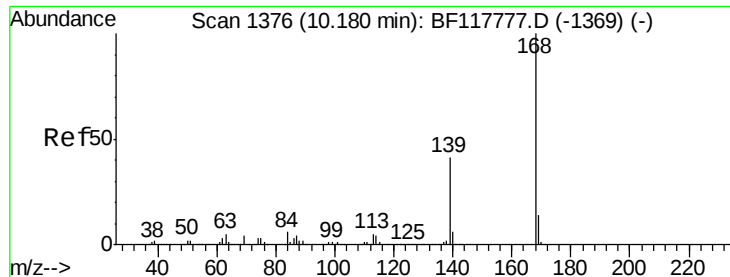
#54
2,4-Dinitrophenol
Concen: 78.896 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Tgt Ion:184 Resp: 145967
Ion Ratio Lower Upper
184 100
63 57.0 43.0 64.6
154 66.8 48.0 72.0



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





#55

Dibenzofuran

Concen: 38.825 ng

RT: 10.16 min Scan# 1373

Delta R.T. -0.02 min

Lab File: BF117959.D

Acq: 23 Nov 2019 16:27

Instrument :

BNA_F

ClientSampled :

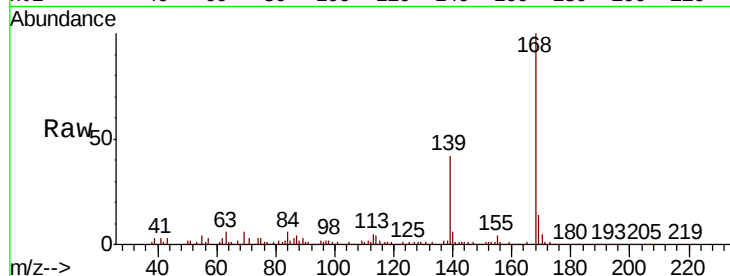
Tot Ion:168 Resp: 721009

Ion Ratio Lower Upper

168 100

139 42.2 33.0 49.6

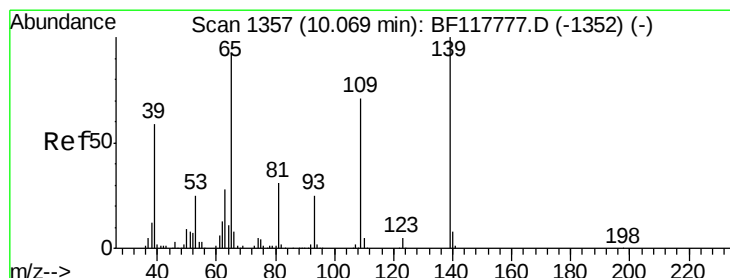
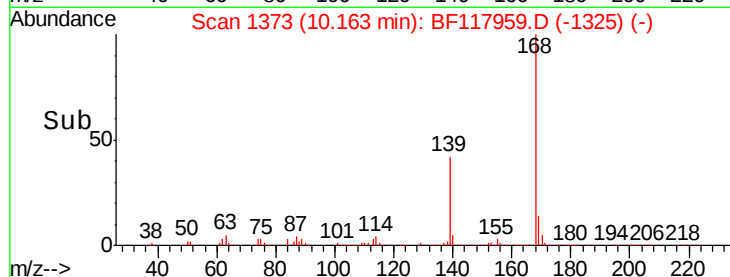
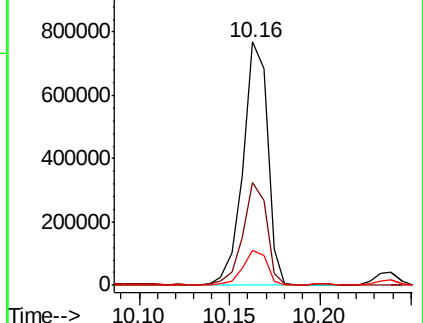
169 14.4 11.5 17.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 77.764 ng

RT: 10.06 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BF117959.D

Acq: 23 Nov 2019 16:27

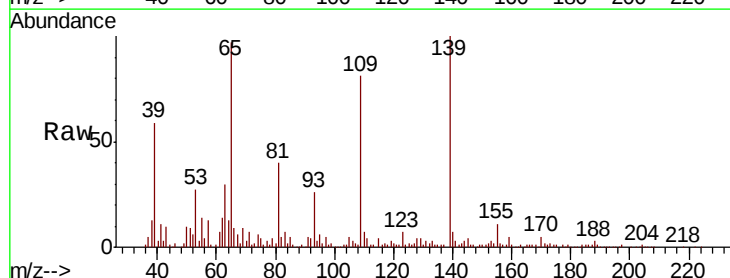
Tgt Ion:139 Resp: 250438

Ion Ratio Lower Upper

139 100

109 81.0 50.8 90.8

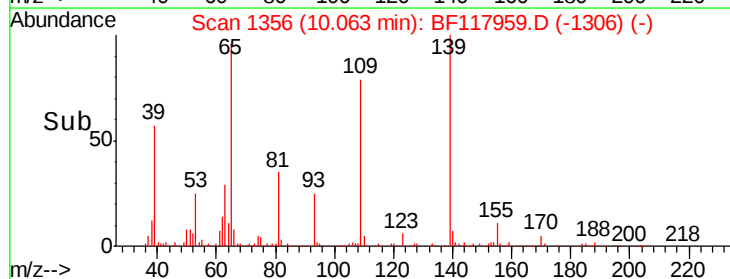
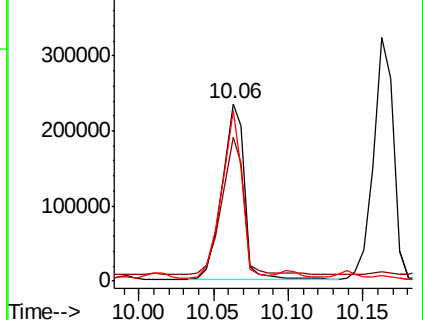
65 96.6 73.6 113.6

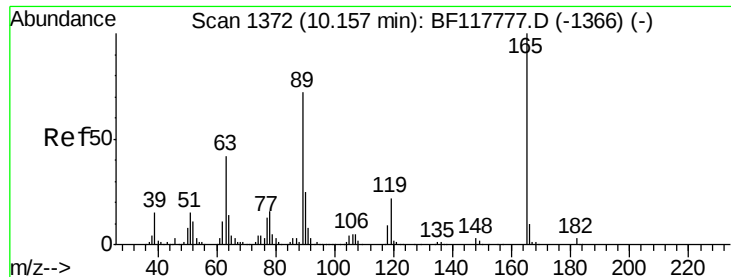


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

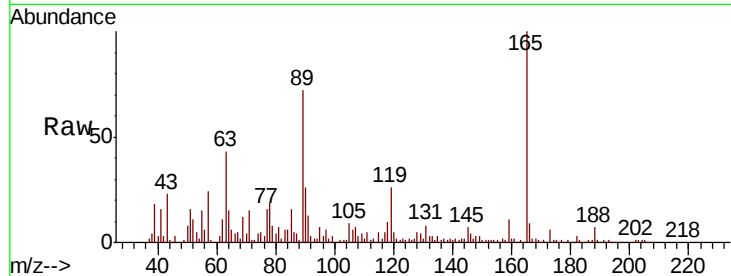




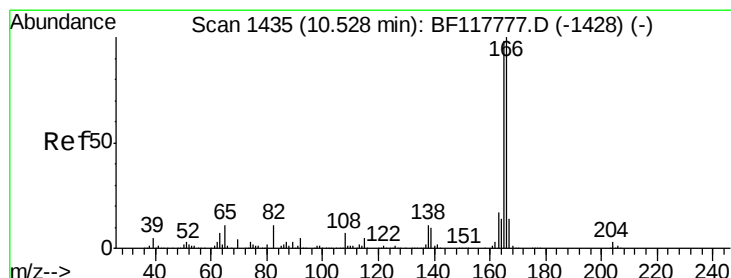
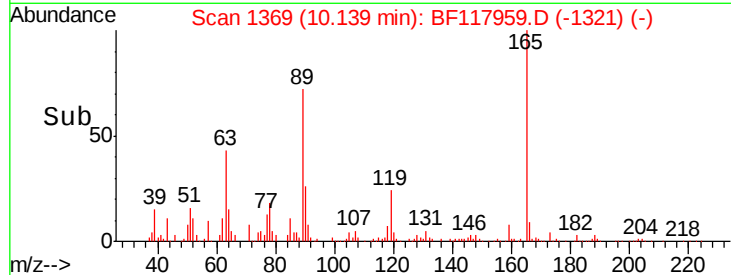
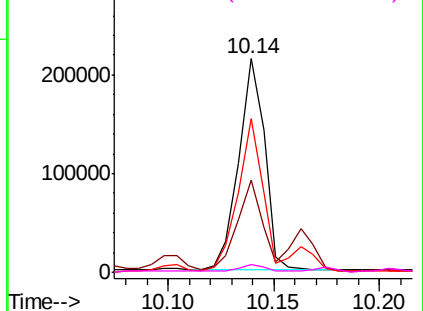
#57
2,4-Dinitrotoluene
Concen: 39.544 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.9	33.7	50.5
89	71.8	57.3	85.9
182	3.3	2.3	3.5

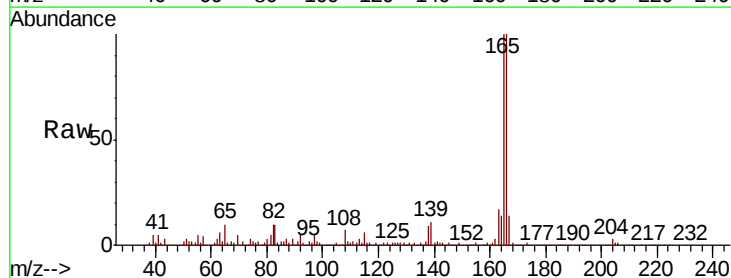


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

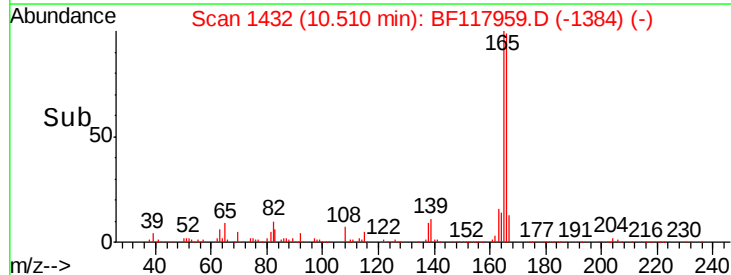
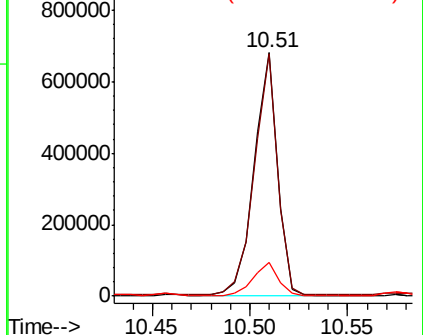


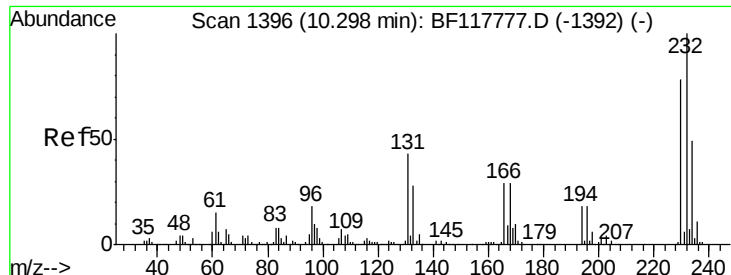
#58
Fluorene
Concen: 39.211 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.6	78.4	117.6
167	13.6	11.0	16.4



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

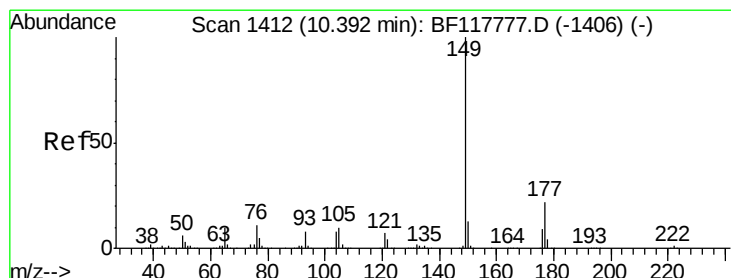
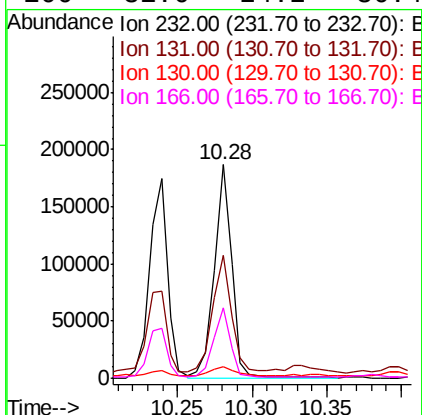
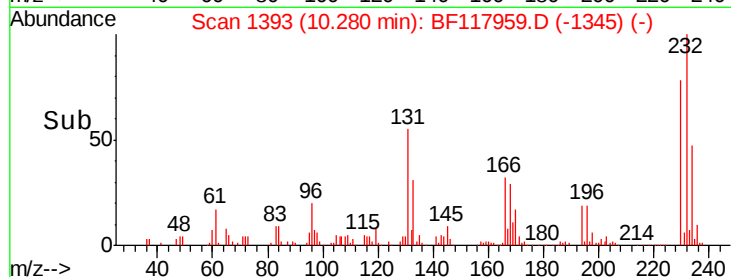
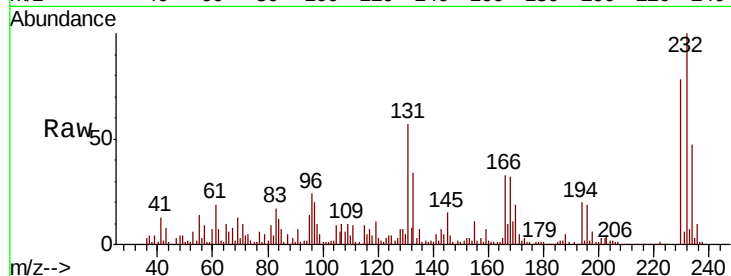




#59
2,3,4,6-Tetrachlorophenol
Concen: 36.141 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

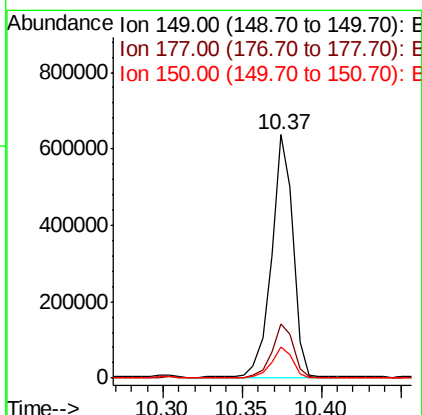
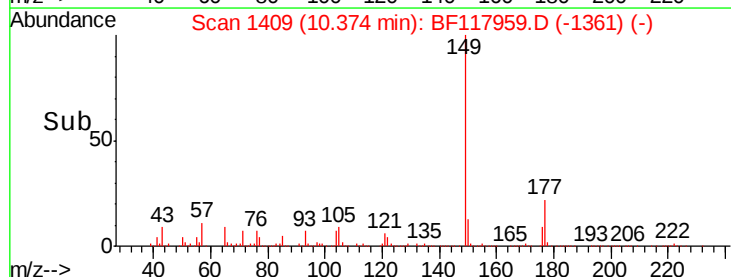
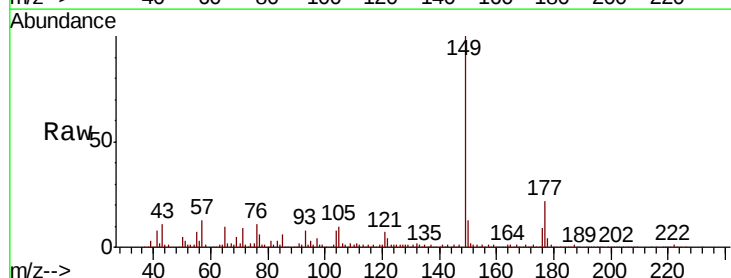
Instrument :
BNA_F
ClientSampleId :

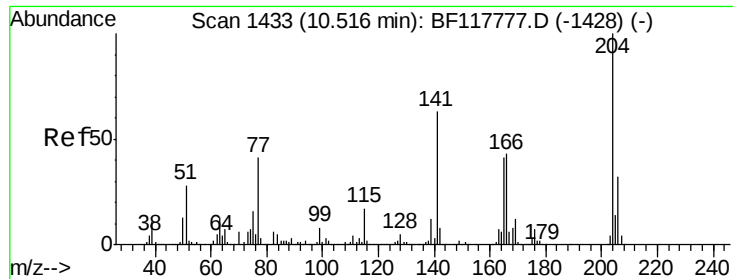
Tot Ion:232 Resp: 150887
Ion Ratio Lower Upper
232 100
131 59.7 37.6 56.4#
130 6.1 1.9 2.9#
166 31.6 24.2 36.4



#60
Diethylphthalate
Concen: 37.131 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Tgt Ion:149 Resp: 597232
Ion Ratio Lower Upper
149 100
177 22.1 18.0 27.0
150 12.8 10.5 15.7

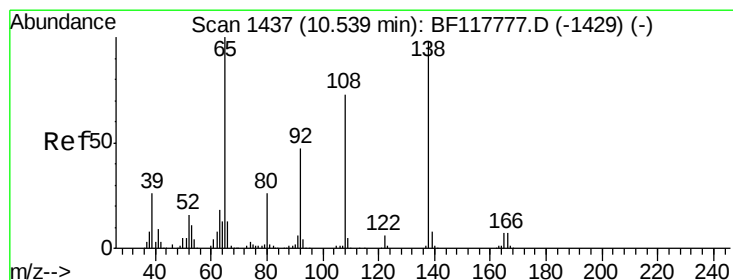
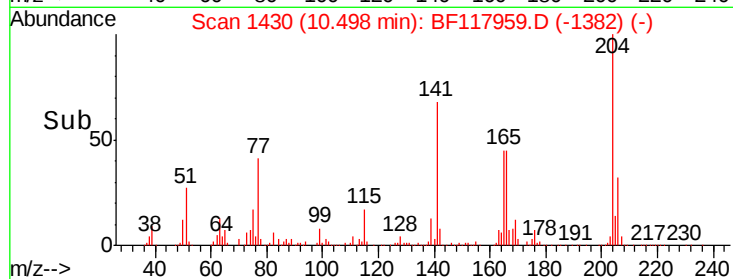
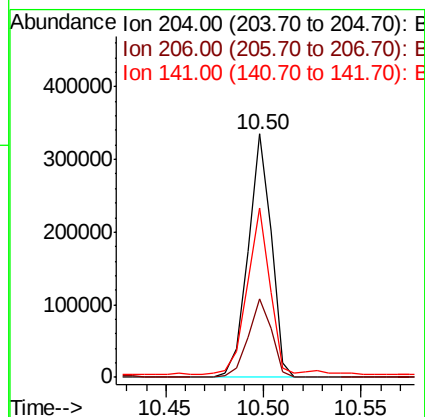
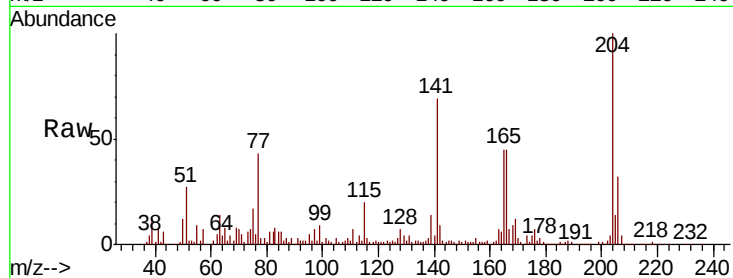




#61
4-Chlorophenyl-phenylether
Concen: 37.410 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

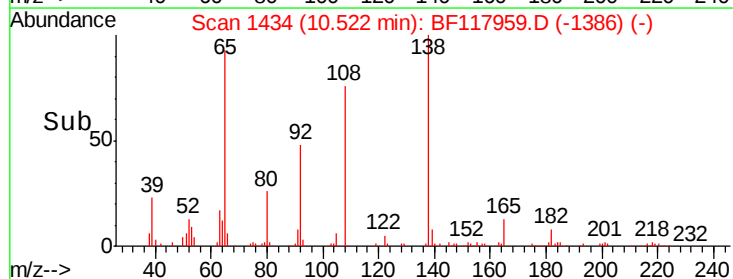
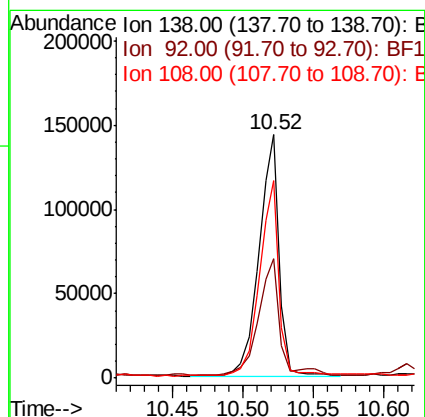
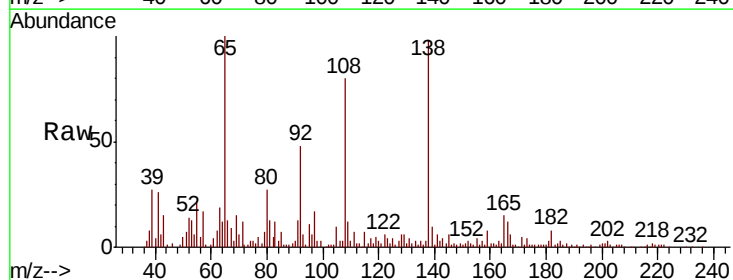
Instrument :
BNA_F
ClientSampled :

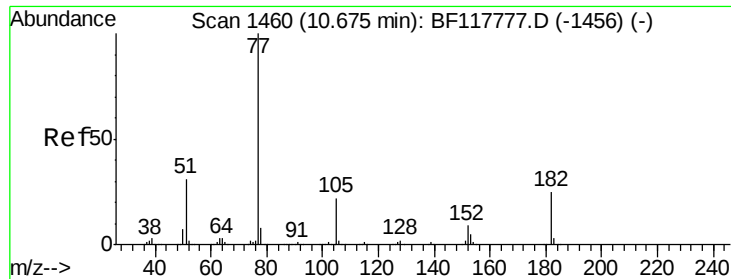
Tot Ion:204 Resp: 273217
Ion Ratio Lower Upper
204 100
206 32.1 25.6 38.4
141 69.4 50.7 76.1



#62
4-Nitroaniline
Concen: 33.437 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Tgt Ion:138 Resp: 144448
Ion Ratio Lower Upper
138 100
92 48.9 28.3 68.3
108 81.2 54.3 94.3





#63

Azobenzene

Concen: 37.037 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.02 min

Lab File: BF117959.D

Acq: 23 Nov 2019 16:27

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 541969

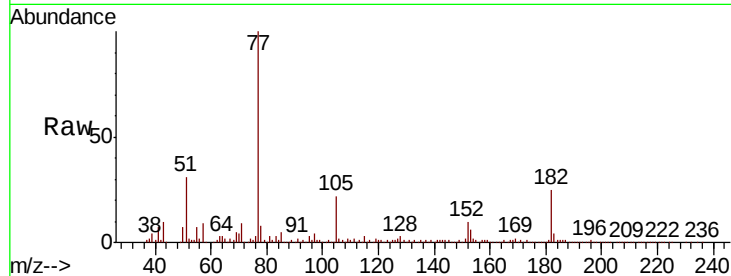
Ion Ratio Lower Upper

77 100

182 25.1 4.8 44.8

105 22.2 2.1 42.1

51 30.9 11.4 51.4

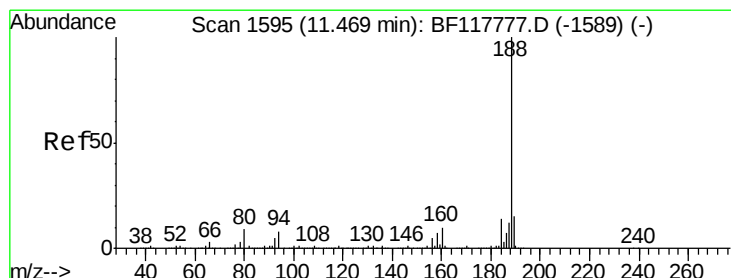
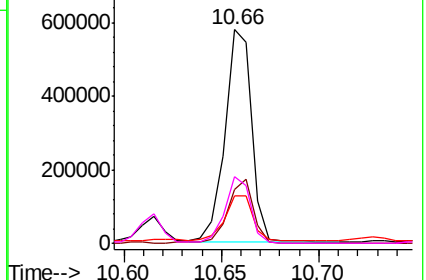
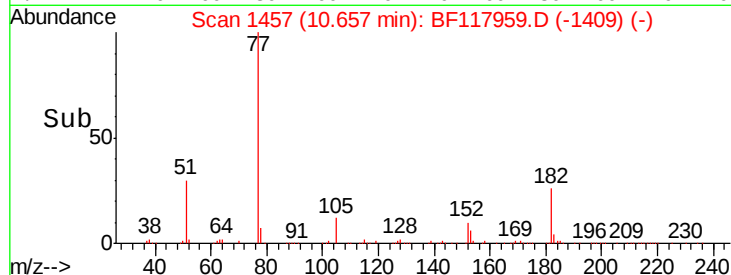


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.45 min Scan# 1592

Delta R.T. -0.02 min

Lab File: BF117959.D

Acq: 23 Nov 2019 16:27

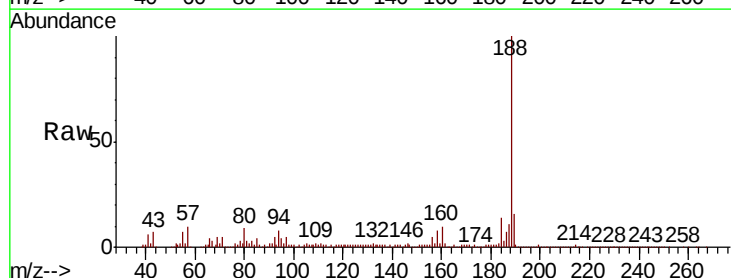
Tgt Ion: 188 Resp: 447184

Ion Ratio Lower Upper

188 100

94 8.1 6.6 10.0

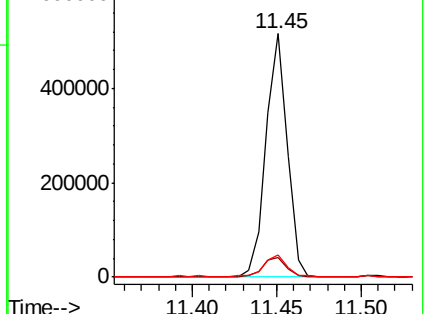
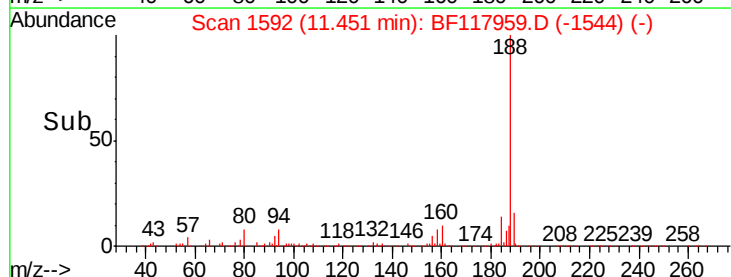
80 8.9 7.2 10.8

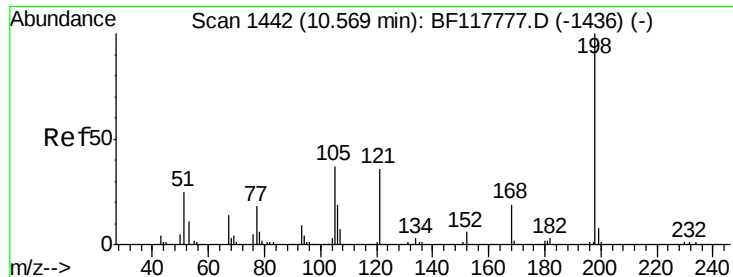


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 46.276 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.02 min

Lab File: BF117959.D

Acq: 23 Nov 2019 16:27

Instrument :

BNA_F

ClientSampled :

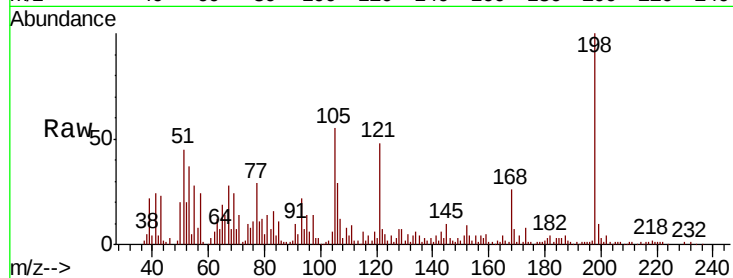
Tot Ion:198 Resp: 96606

Ion Ratio Lower Upper

198 100

51 45.2 16.0 56.0

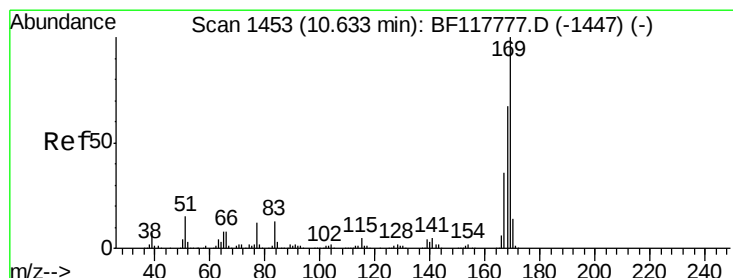
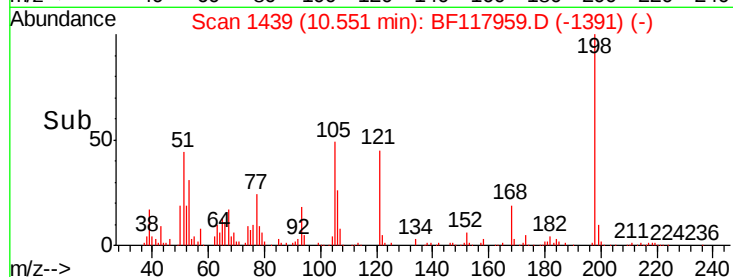
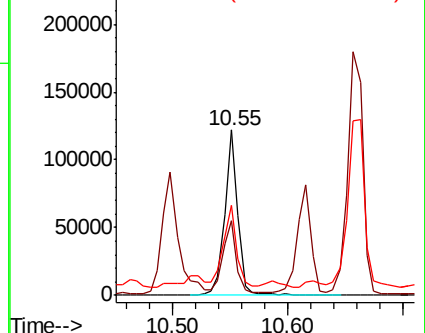
105 54.9 19.1 59.1



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: 37.976 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.02 min

Lab File: BF117959.D

Acq: 23 Nov 2019 16:27

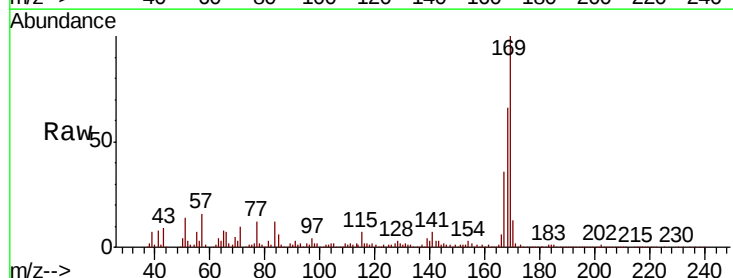
Tgt Ion:169 Resp: 494229

Ion Ratio Lower Upper

169 100

168 66.0 53.5 80.3

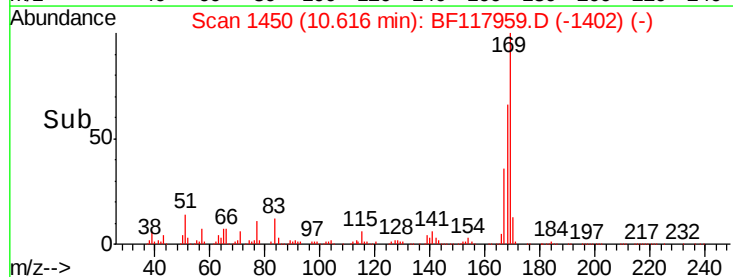
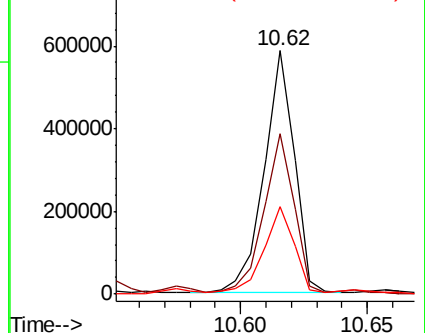
167 36.1 29.0 43.4

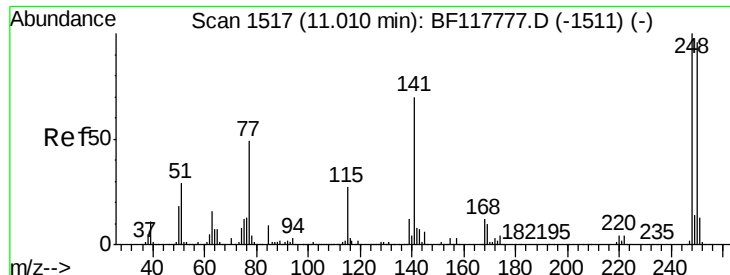


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

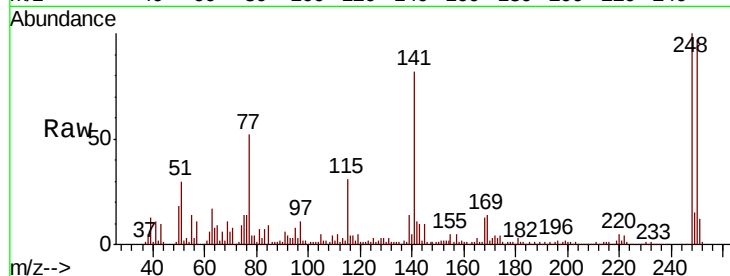




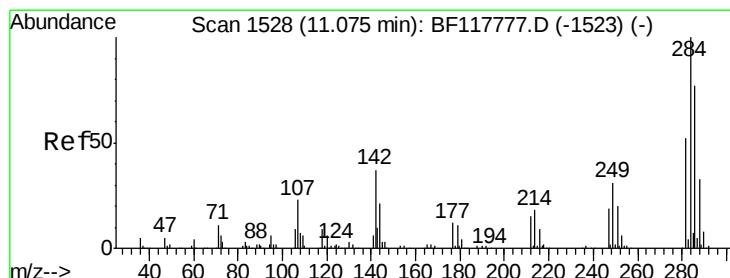
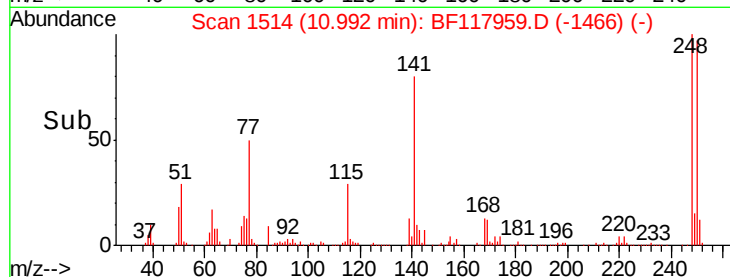
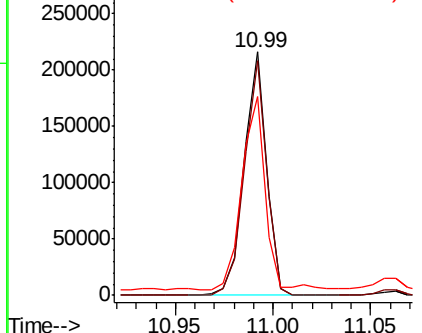
#67
4-Bromophenyl-phenylether
Concen: 35.698 ng
RT: 10.99 min Scan# 1514
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 172243
Ion Ratio Lower Upper
248 100
250 96.6 76.6 115.0
141 81.7 55.9 83.9

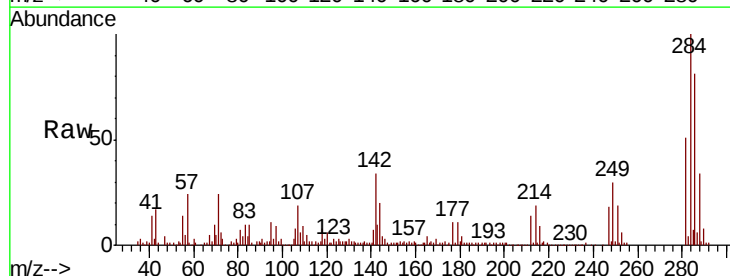


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

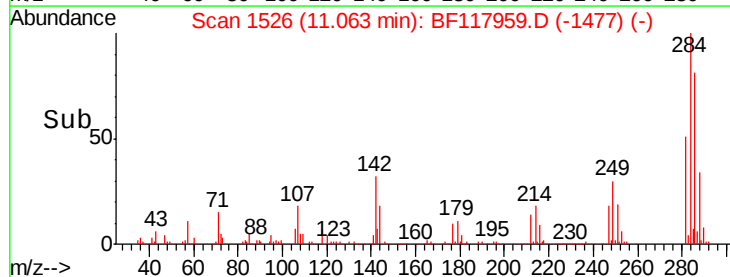
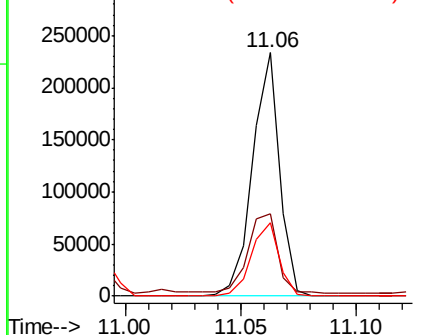


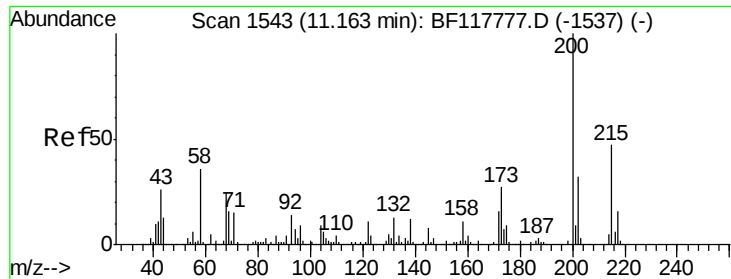
#68
Hexachlorobenzene
Concen: 34.048 ng
RT: 11.06 min Scan# 1526
Delta R.T. -0.01 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Tgt Ion:284 Resp: 191560
Ion Ratio Lower Upper
284 100
142 33.6 29.4 44.2
249 29.9 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

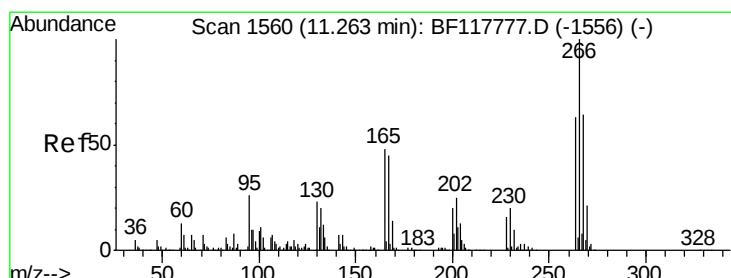
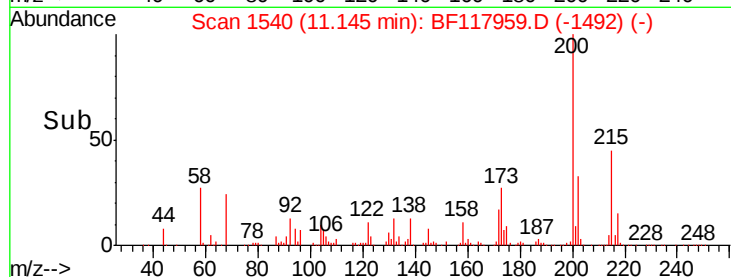
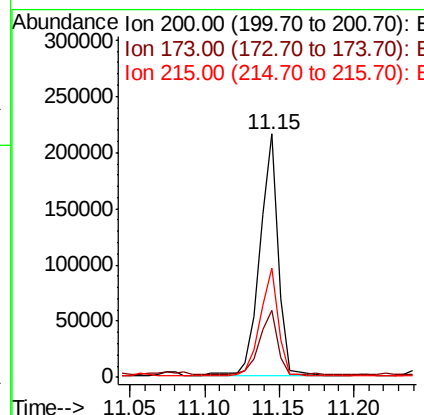
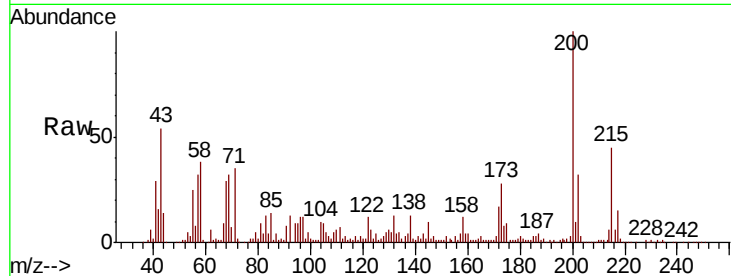




#69
 Atrazine
 Concen: 42.513 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. -0.02 min
 Lab File: BF117959.D
 Acq: 23 Nov 2019 16:27

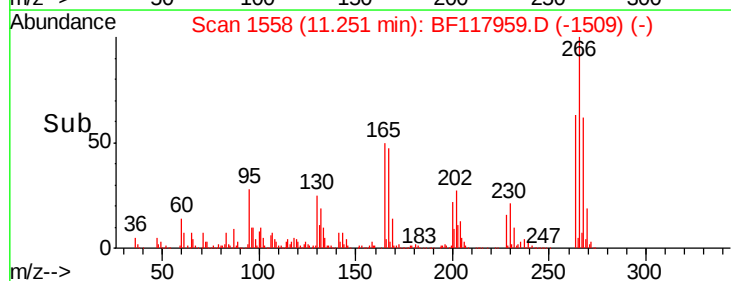
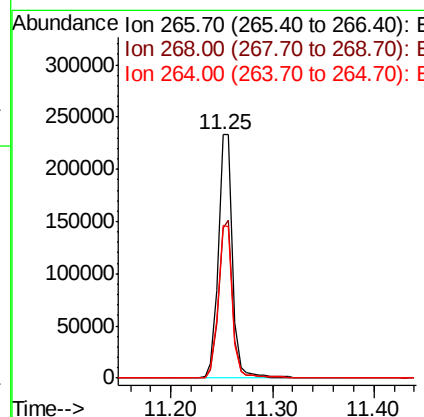
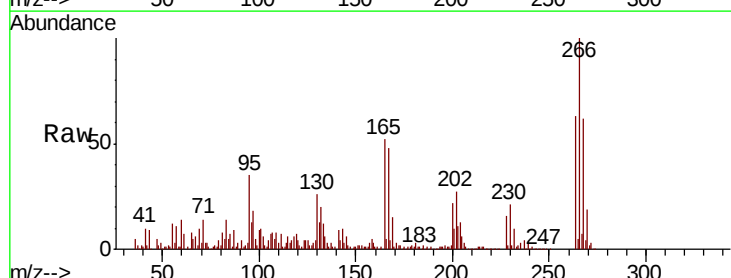
Instrument :
 BNA_F
 ClientSampleId :

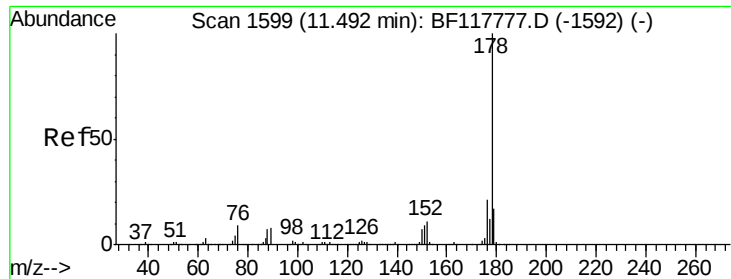
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.6	6.7	46.7
215	44.9	27.5	67.5



#70
 Pentachlorophenol
 Concen: 70.273 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BF117959.D
 Acq: 23 Nov 2019 16:27

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.9	50.8	76.2
264	62.8	50.7	76.1

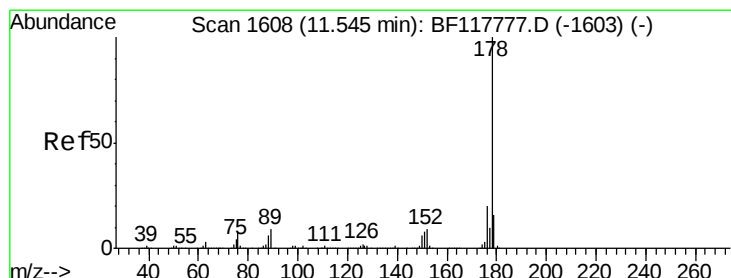
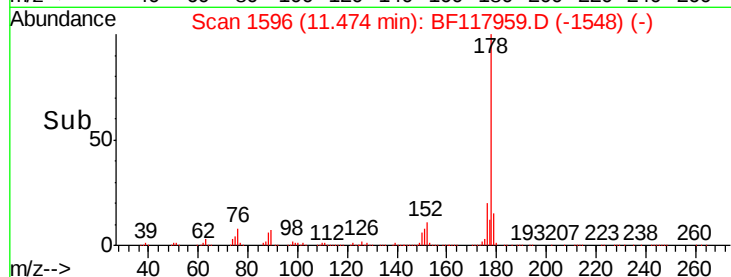
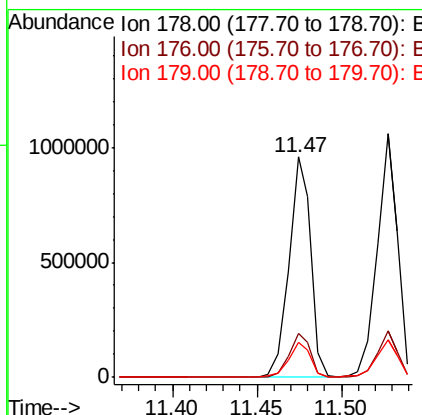
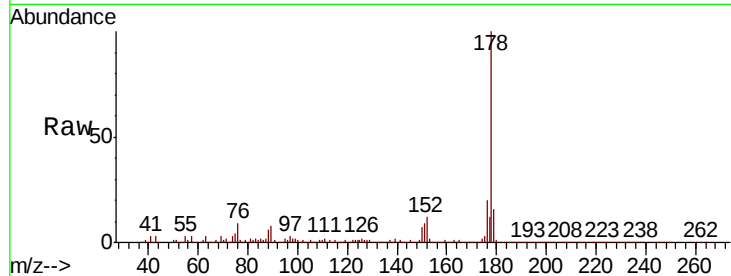




#71
Phenanthrene
Concen: 38.218 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

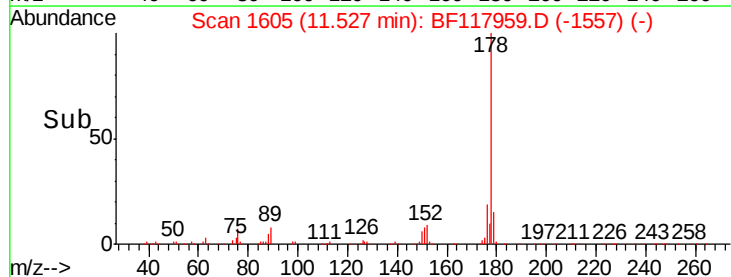
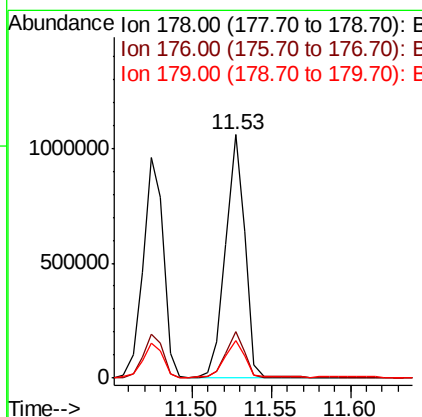
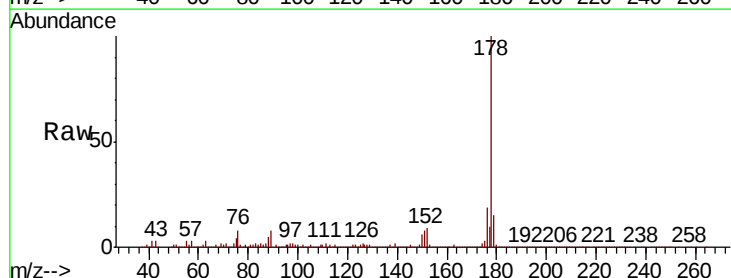
Instrument :
BNA_F
ClientSampleId :

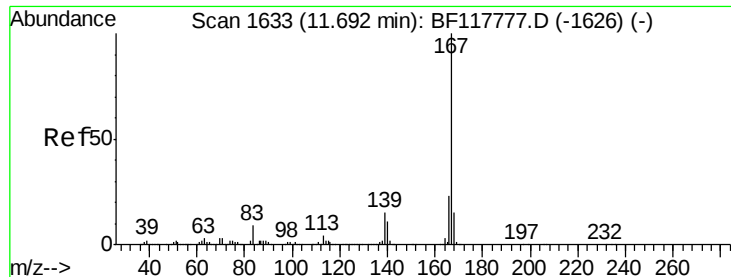
Tot Ion:178 Resp: 859256
Ion Ratio Lower Upper
178 100
176 20.2 16.6 25.0
179 15.7 13.2 19.8



#72
Anthracene
Concen: 40.042 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Tgt Ion:178 Resp: 892588
Ion Ratio Lower Upper
178 100
176 19.1 16.1 24.1
179 15.5 13.0 19.4

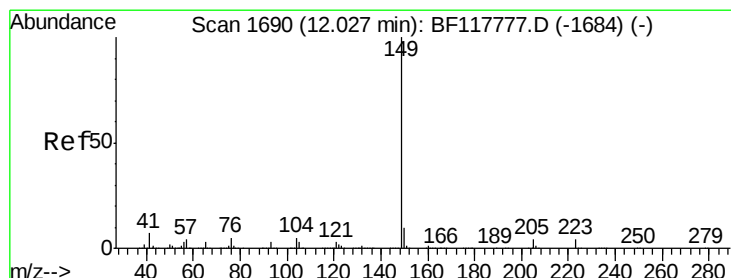
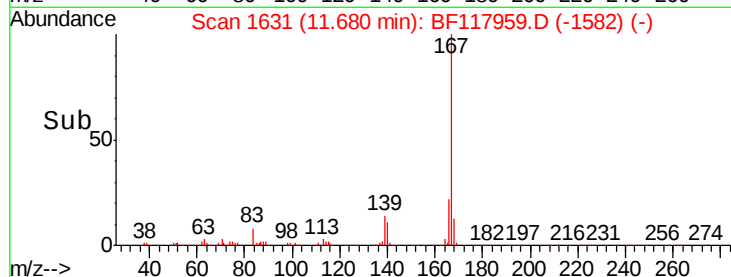
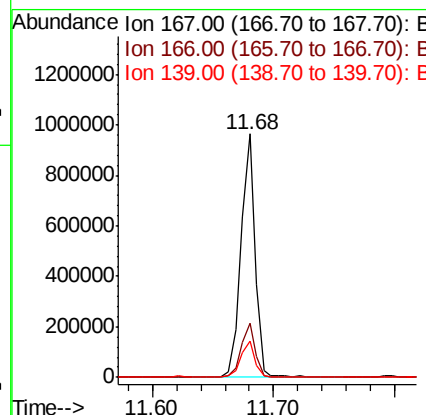
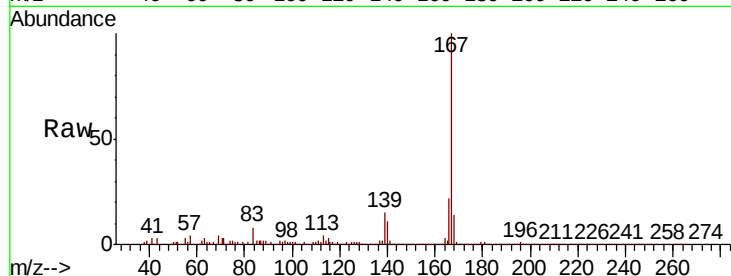




#73
 Carbazole
 Concen: 40.187 ng
 RT: 11.68 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BF117959.D
 Acq: 23 Nov 2019 16:27

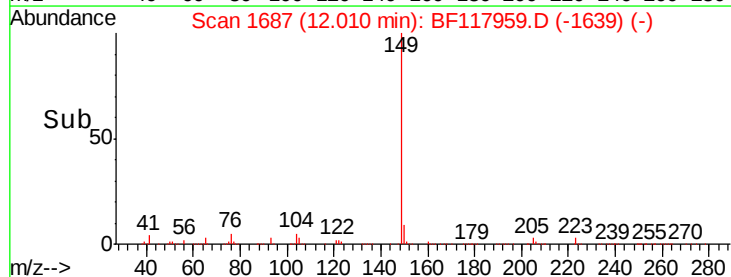
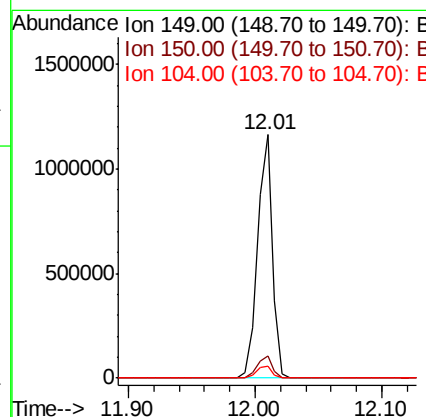
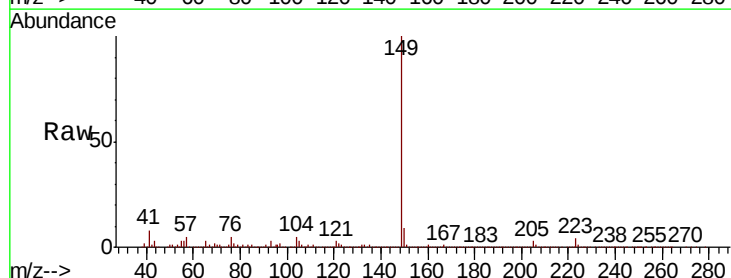
Instrument :
 BNA_F
 ClientSampleId :

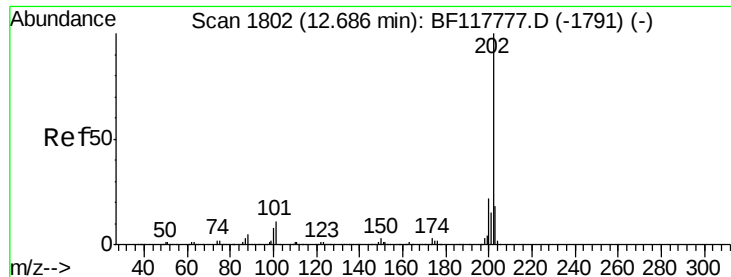
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.0	27.0
139	14.7	11.7	17.5



#74
 Di-n-butylphthalate
 Concen: 39.226 ng
 RT: 12.01 min Scan# 1687
 Delta R.T. -0.02 min
 Lab File: BF117959.D
 Acq: 23 Nov 2019 16:27

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.9	11.9
104	5.1	4.2	6.4





#75

Fluoranthene

Concen: 43.190 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.02 min

Lab File: BF117959.D

Acq: 23 Nov 2019 16:27

Instrument :

BNA_F

ClientSampled :

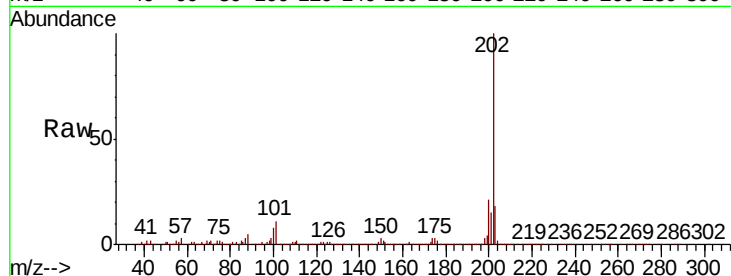
Tot Ion:202 Resp: 890454

Ion Ratio Lower Upper

202 100

101 11.1 0.0 31.1

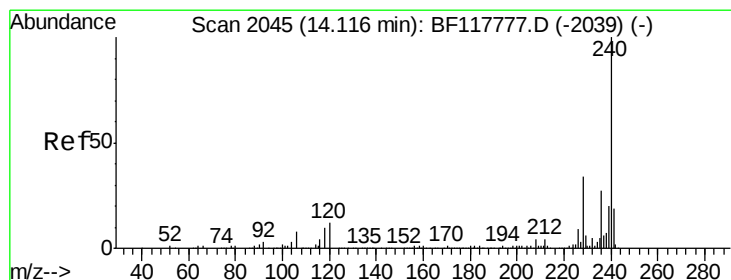
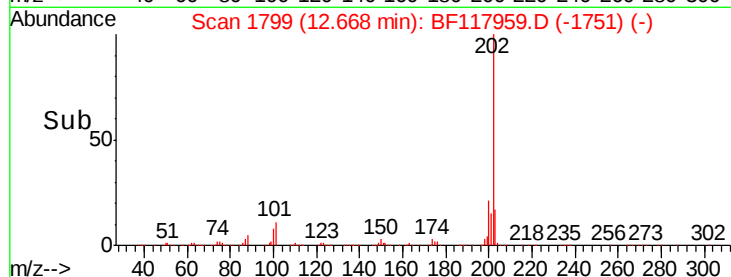
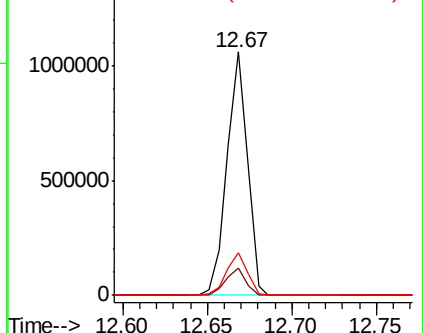
203 17.5 0.0 38.2



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: 14.10 min Scan# 2042

Delta R.T. -0.02 min

Lab File: BF117959.D

Acq: 23 Nov 2019 16:27

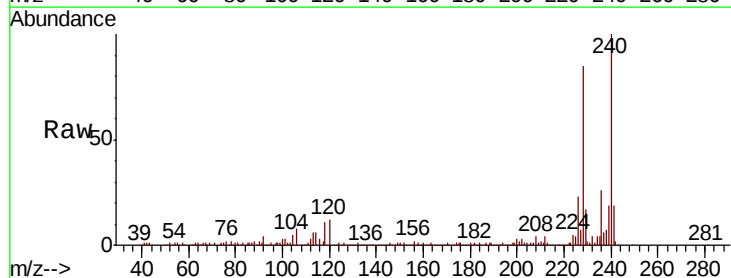
Tgt Ion:240 Resp: 355370

Ion Ratio Lower Upper

240 100

120 12.0 9.5 14.3

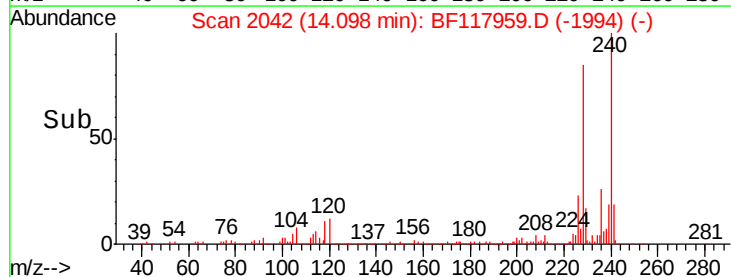
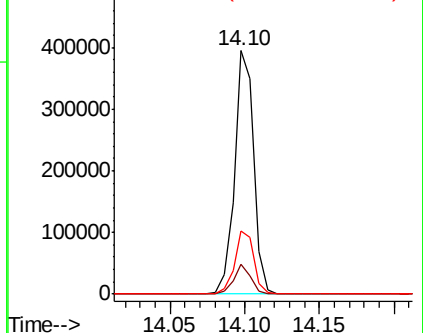
236 26.2 21.3 31.9

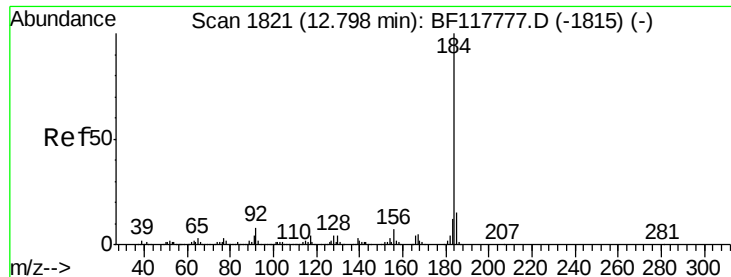


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 27.892 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF117959.D

Acq: 23 Nov 2019 16:27

Instrument :

BNA_F

ClientSampleId :

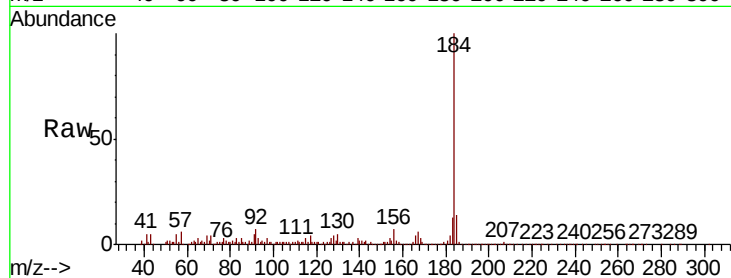
Tot Ion:184 Resp: 324671

Ion Ratio Lower Upper

184 100

185 14.2 12.2 18.4

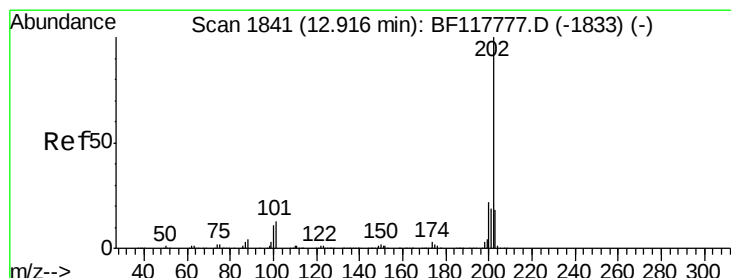
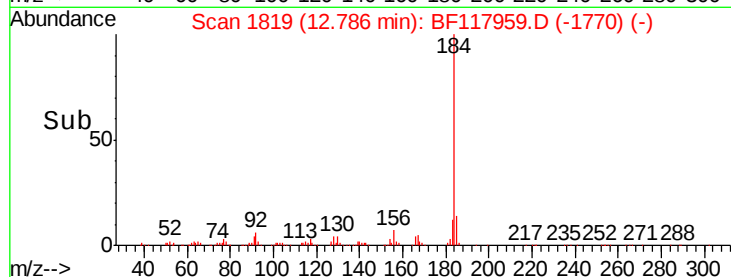
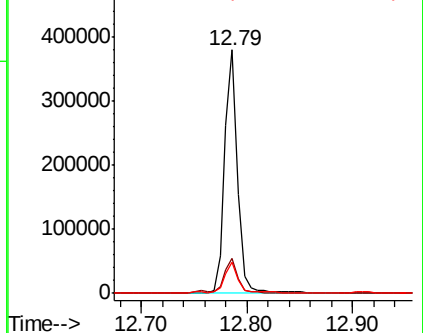
183 12.8 9.5 14.3



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: 32.216 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BF117959.D

Acq: 23 Nov 2019 16:27

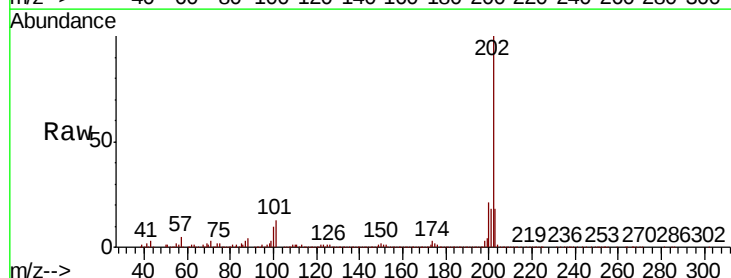
Tgt Ion:202 Resp: 925211

Ion Ratio Lower Upper

202 100

200 21.3 17.8 26.8

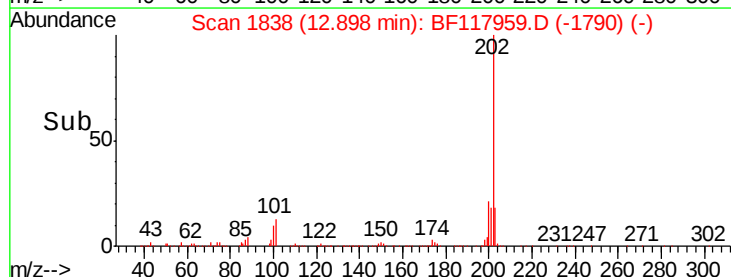
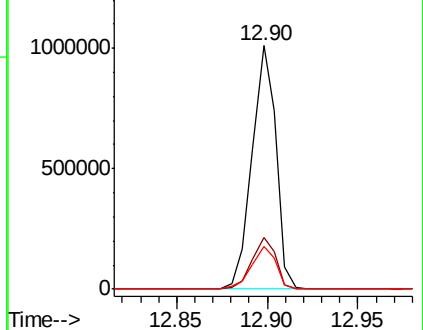
203 17.7 14.6 22.0

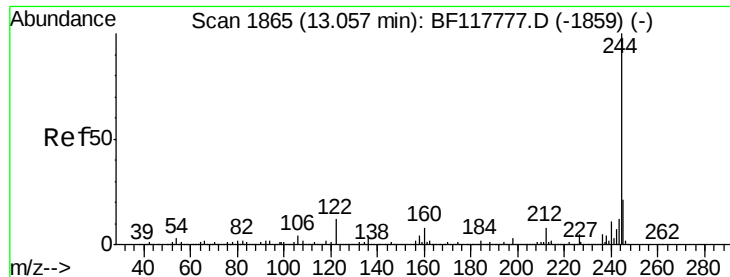


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 54.123 ng

RT: 13.04 min Scan# 1862

Delta R.T. -0.02 min

Lab File: BF117959.D

Acq: 23 Nov 2019 16:27

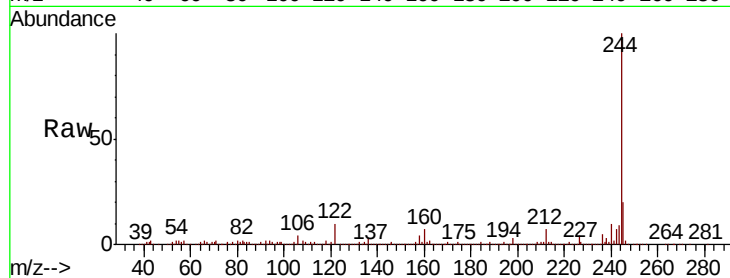
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 1052389

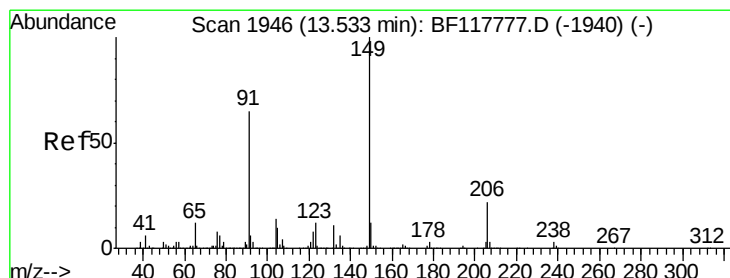
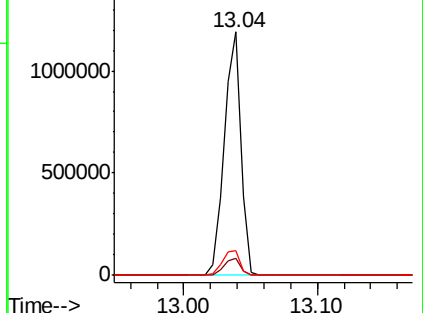
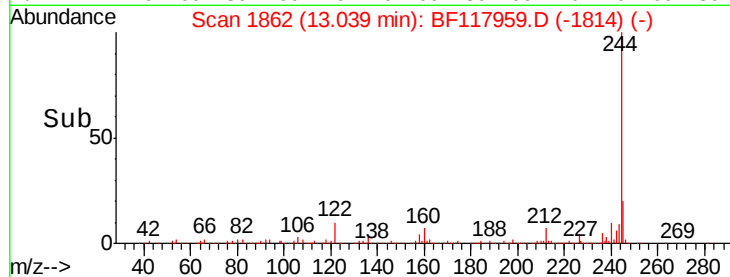
Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.3	9.5
122	10.1	9.4	14.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 34.847 ng

RT: 13.51 min Scan# 1942

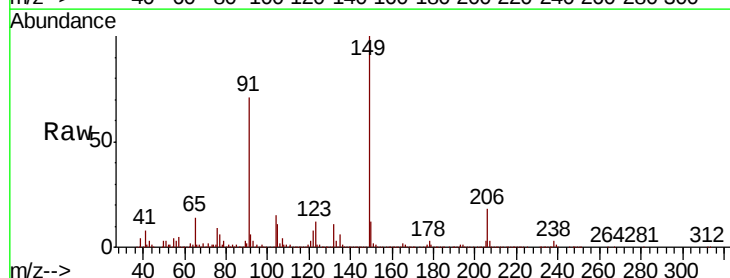
Delta R.T. -0.02 min

Lab File: BF117959.D

Acq: 23 Nov 2019 16:27

Tgt Ion:149 Resp: 429843

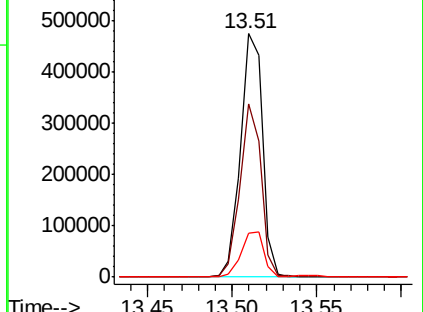
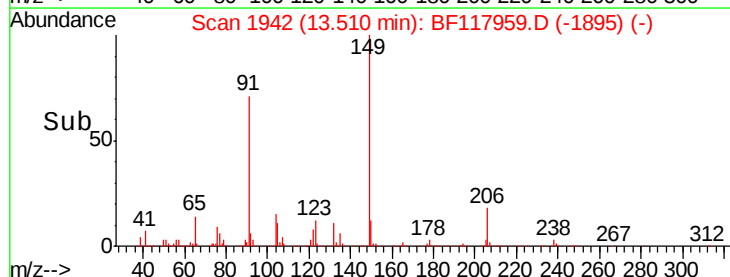
Ion	Ratio	Lower	Upper
149	100		
91	71.1	51.9	77.9
206	18.1	17.2	25.8

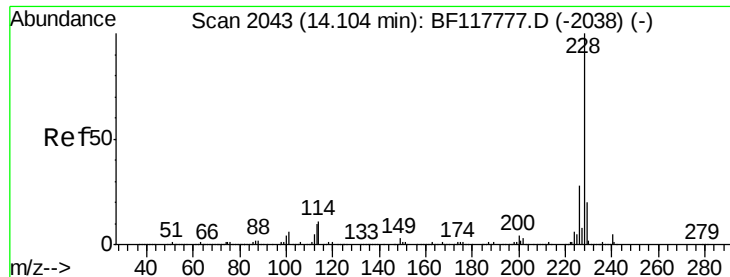


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 36.238 ng

RT: 14.09 min Scan# 2041

Delta R.T. -0.01 min

Lab File: BF117959.D

Acq: 23 Nov 2019 16:27

Instrument :

BNA_F

ClientSampleId :

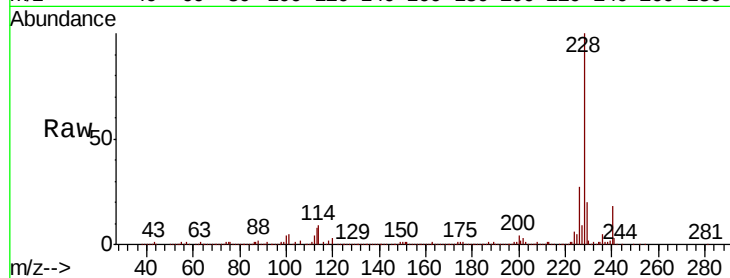
Tot Ion:228 Resp: 850994

Ion Ratio Lower Upper

228 100

226 27.0 22.2 33.2

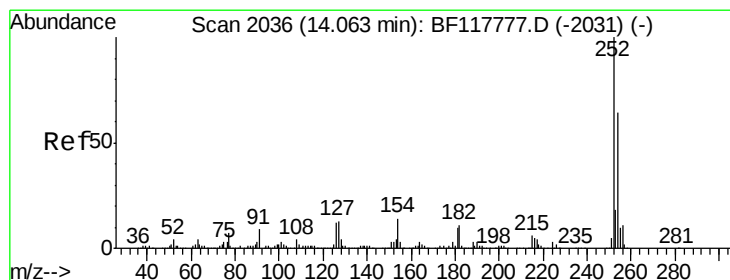
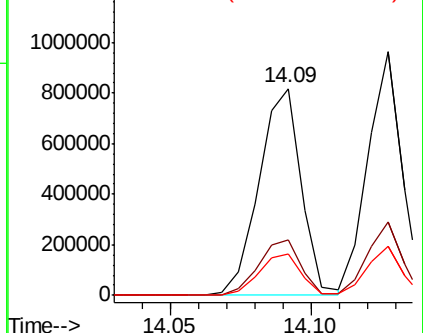
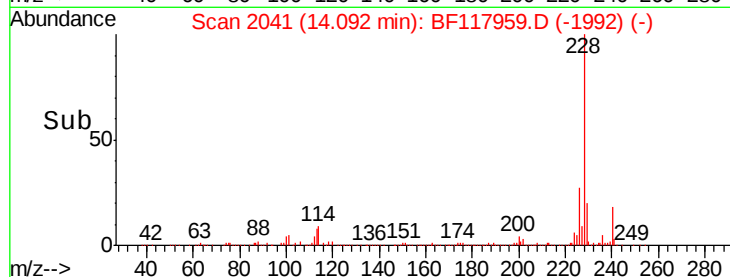
229 19.7 15.9 23.9



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: 17.510 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.02 min

Lab File: BF117959.D

Acq: 23 Nov 2019 16:27

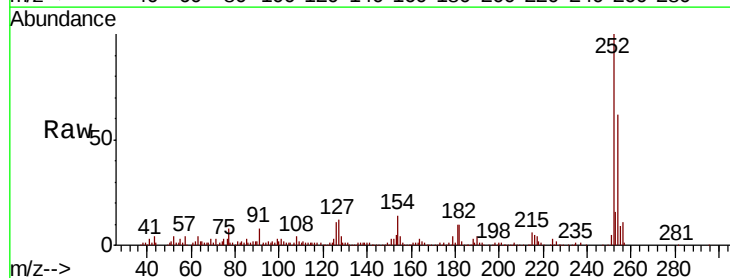
Tgt Ion:252 Resp: 143834

Ion Ratio Lower Upper

252 100

254 61.8 51.0 76.6

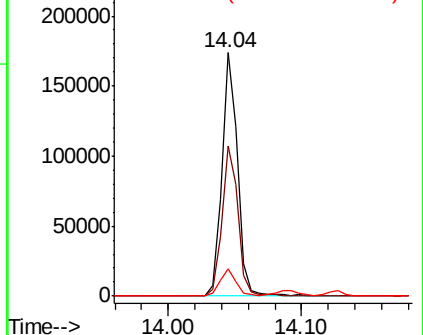
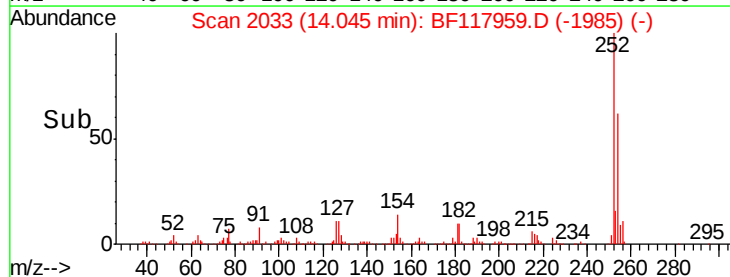
126 11.0 9.7 14.5

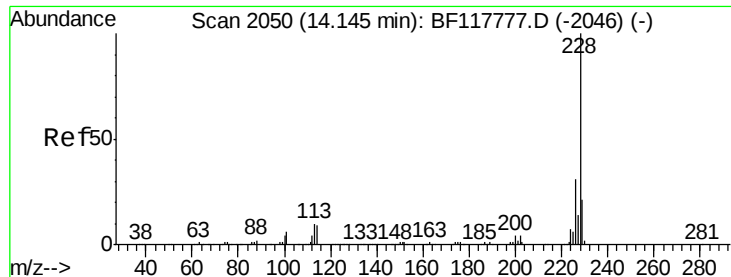


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 35.065 ng

RT: 14.13 min Scan# 2047

Delta R.T. -0.02 min

Lab File: BF117959.D

Acq: 23 Nov 2019 16:27

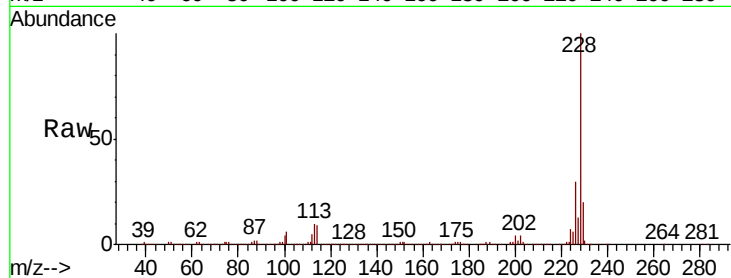
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 797925

Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.4
229	20.1	16.6	25.0

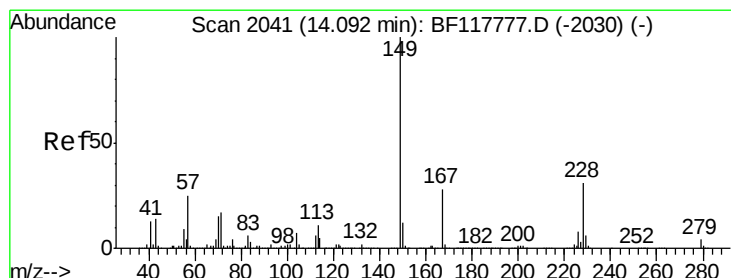
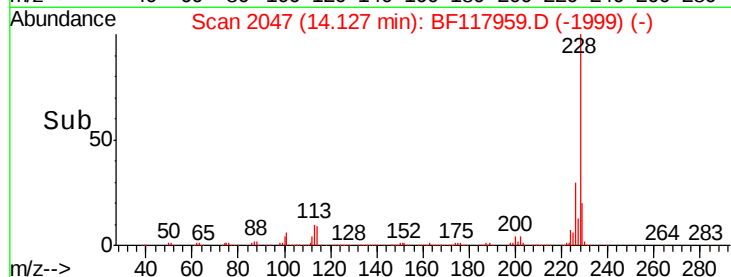
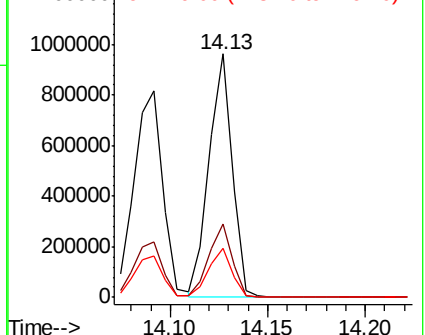


Abundance

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: 39.754 ng

RT: 14.07 min Scan# 2038

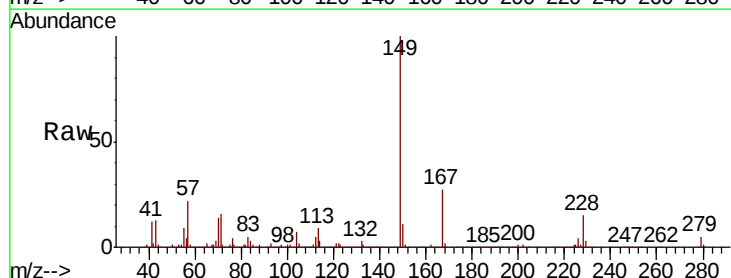
Delta R.T. -0.02 min

Lab File: BF117959.D

Acq: 23 Nov 2019 16:27

Tgt Ion:149 Resp: 594501

Ion	Ratio	Lower	Upper
149	100		
167	27.0	22.2	33.2
279	4.7	3.4	5.2

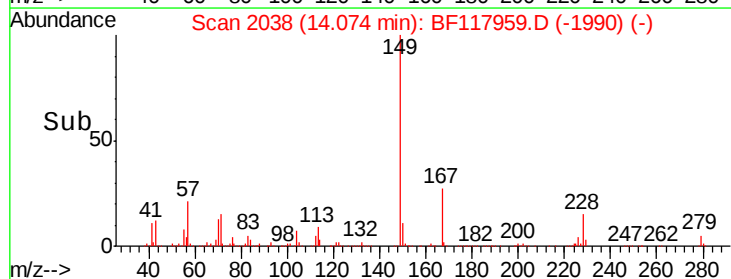
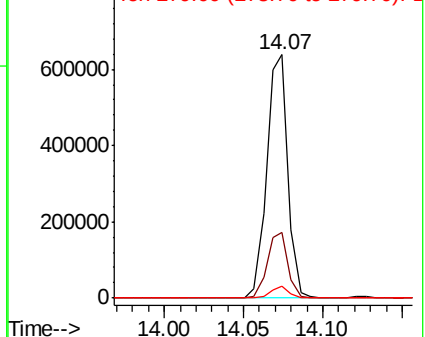


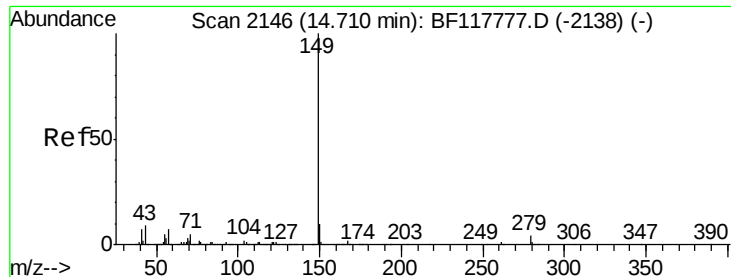
Abundance

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

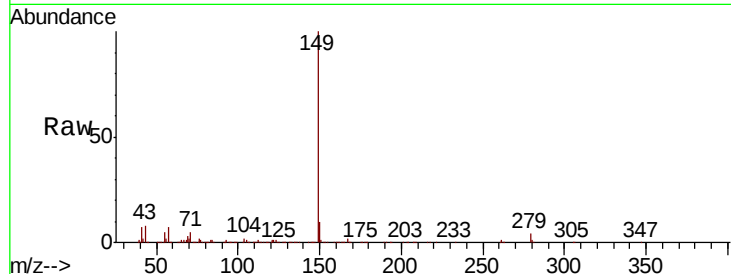




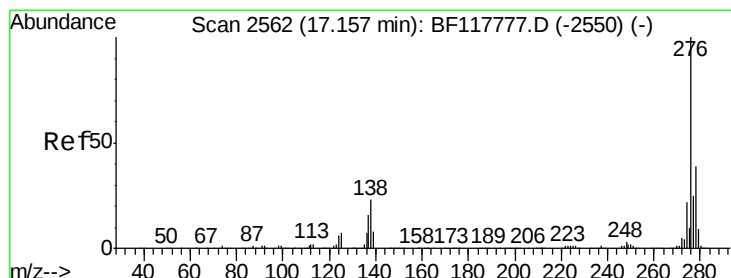
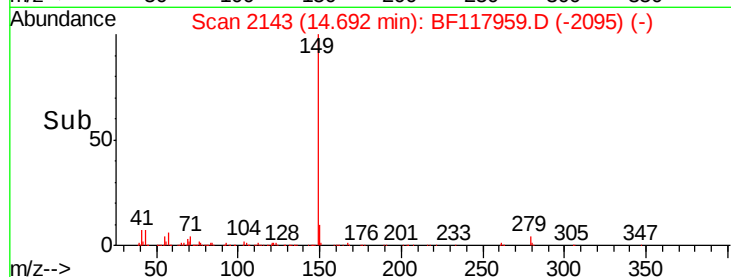
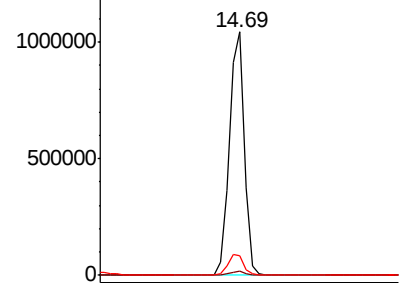
#85
Di-n-octyl phthalate
Concen: 45.088 ng
RT: 14.69 min Scan# 2143
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.5	7.4	11.2

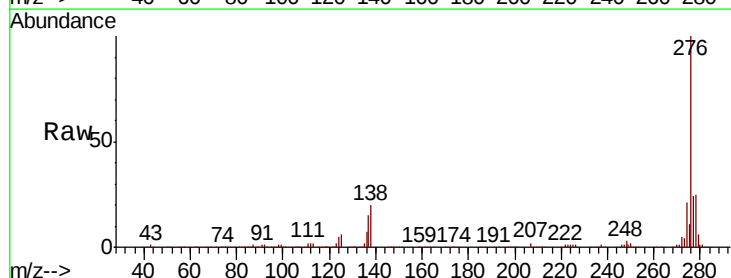


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

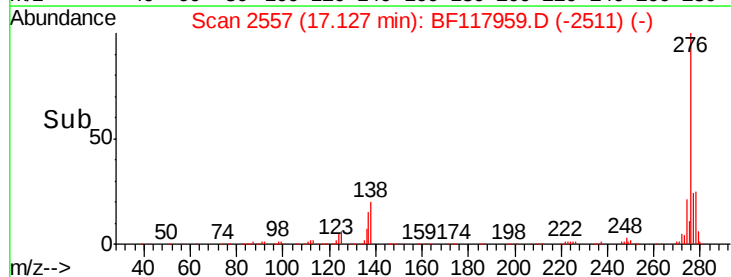
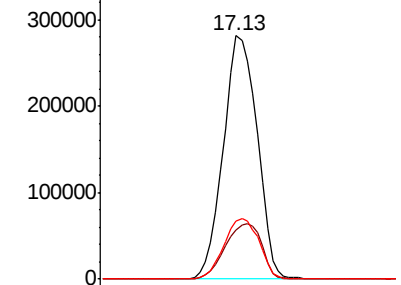


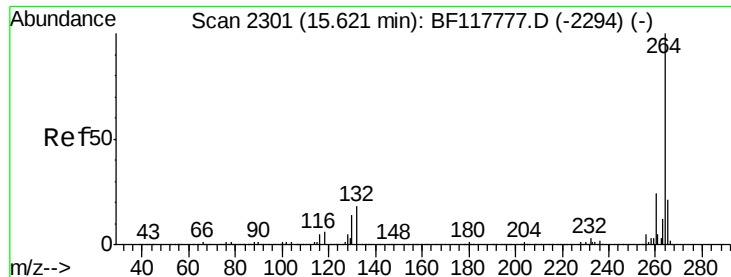
#86
Indeno(1,2,3-cd)pyrene
Concen: 38.200 ng
RT: 17.13 min Scan# 2557
Delta R.T. -0.03 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.6	20.9	31.3
277	25.9	20.3	30.5



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

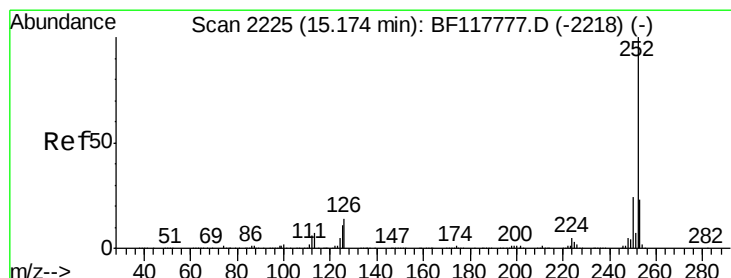
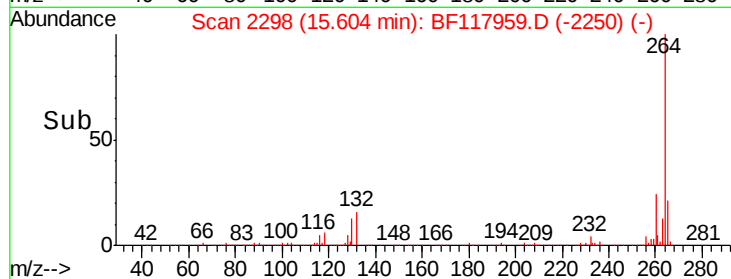
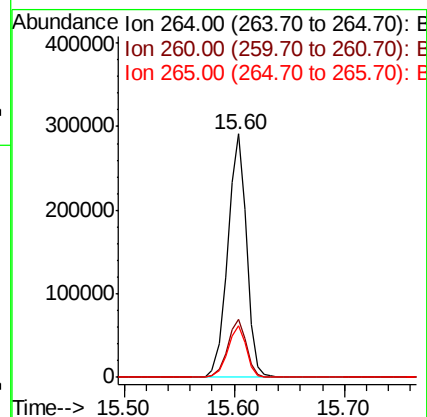
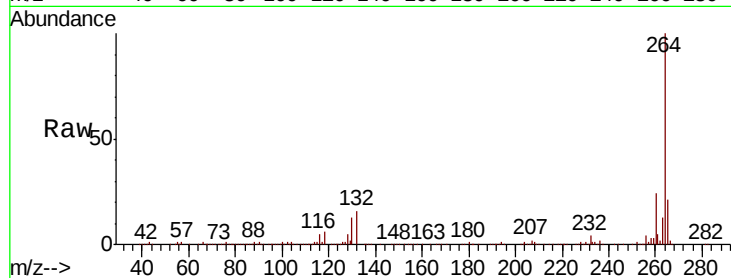




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.60 min Scan# 2298
 Delta R.T. -0.02 min
 Lab File: BF117959.D
 Acq: 23 Nov 2019 16:27

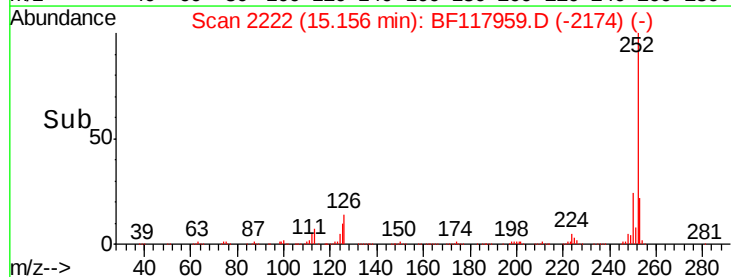
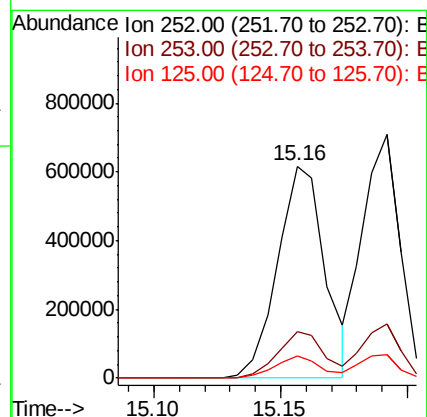
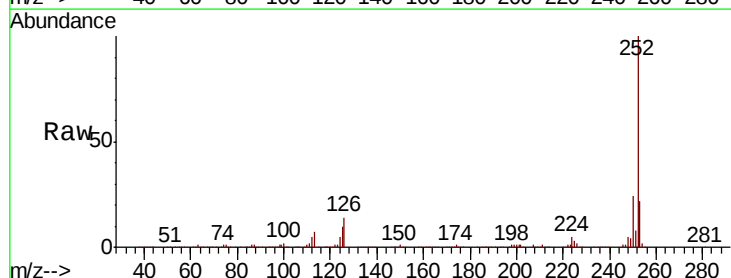
Instrument :
 BNA_F
 ClientSampleId :

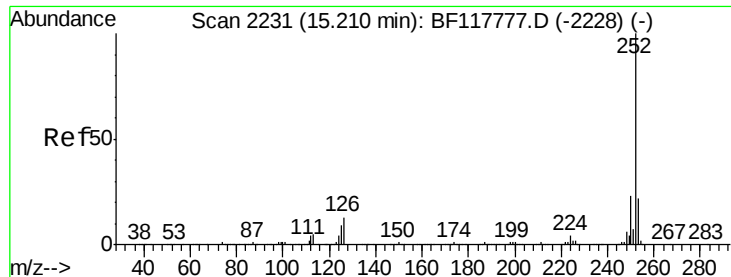
Tot Ion:264 Resp: 346394
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.0
 265 21.1 17.1 25.7



#88
 Benzo(b)fluoranthene
 Concen: 35.707 ng
 RT: 15.16 min Scan# 2222
 Delta R.T. -0.02 min
 Lab File: BF117959.D
 Acq: 23 Nov 2019 16:27

Tgt Ion:252 Resp: 803604
 Ion Ratio Lower Upper
 252 100
 253 22.0 18.0 27.0
 125 10.3 8.6 13.0

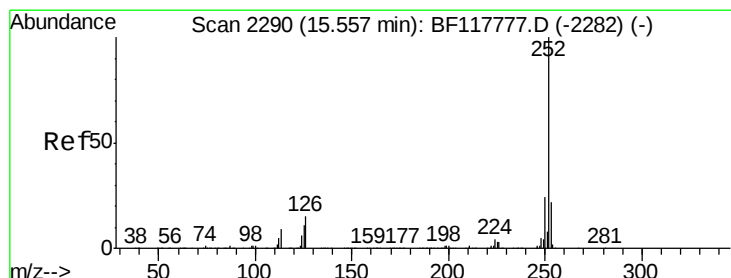
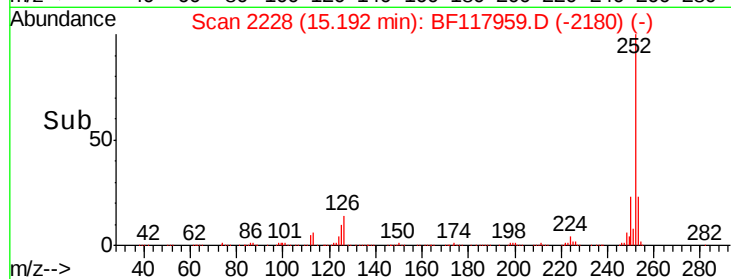
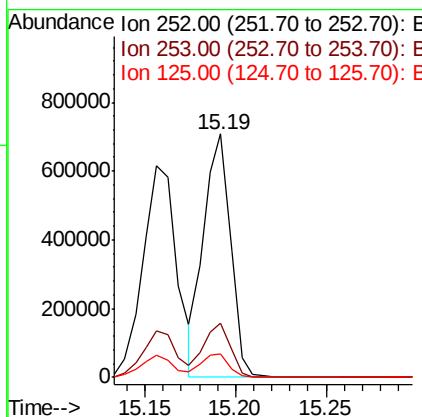
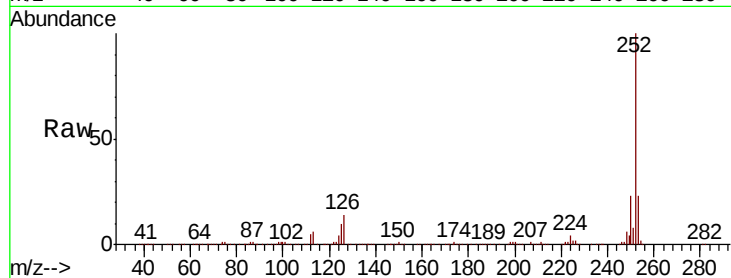




#89
Benzo(k)fluoranthene
Concen: 34.503 ng
RT: 15.19 min Scan# 2228
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

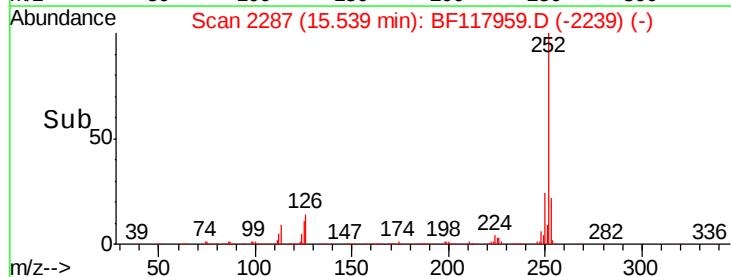
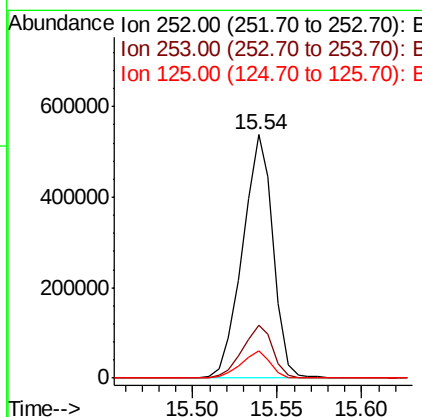
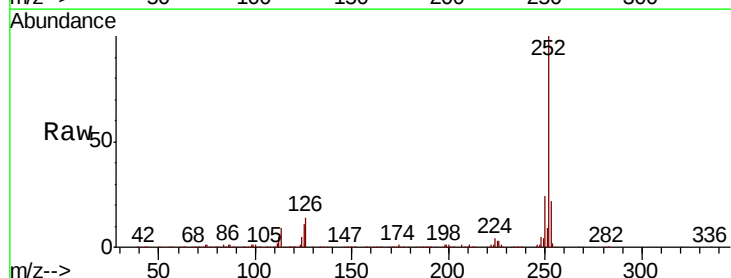
Instrument :
BNA_F
ClientSampled :

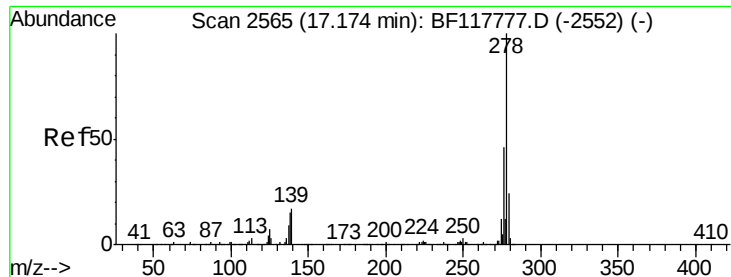
Tot Ion:252 Resp: 731642
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 9.7 7.9 11.9



#90
Benzo(a)pyrene
Concen: 34.285 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Tgt Ion:252 Resp: 678500
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.6
125 11.0 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 36.402 ng

RT: 17.15 min Scan# 2561

Delta R.T. -0.02 min

Lab File: BF117959.D

Acq: 23 Nov 2019 16:27

Instrument :

BNA_F

ClientSampled :

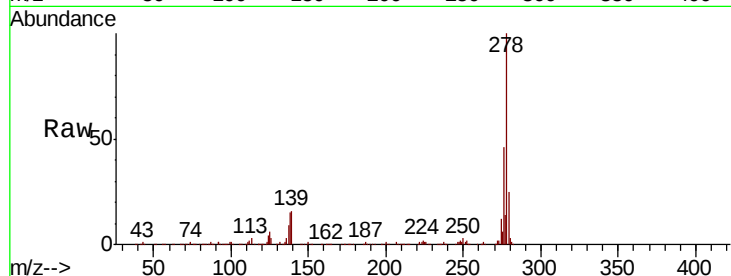
Tot Ion:278 Resp: 620052

Ion Ratio Lower Upper

278 100

139 15.5 13.8 20.8

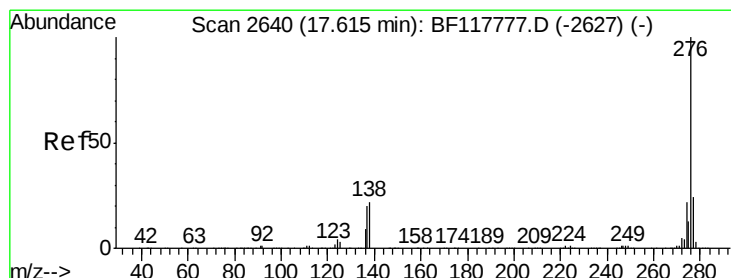
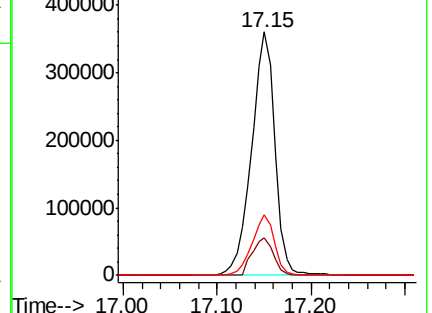
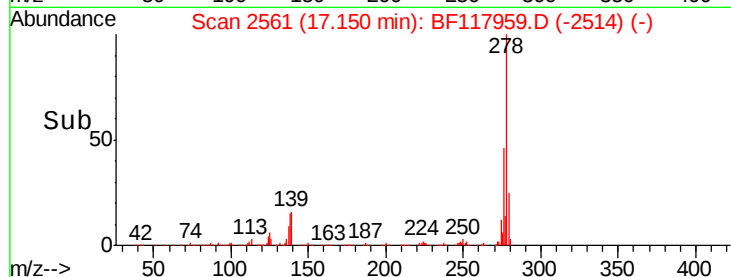
279 24.9 19.6 29.4



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: 36.141 ng

RT: 17.59 min Scan# 2636

Delta R.T. -0.02 min

Lab File: BF117959.D

Acq: 23 Nov 2019 16:27

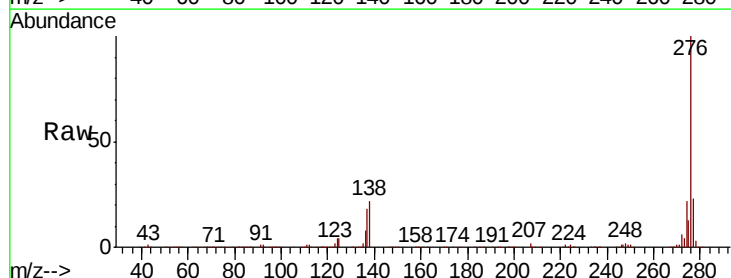
Tgt Ion:276 Resp: 613166

Ion Ratio Lower Upper

276 100

277 23.5 18.9 28.3

138 21.8 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

