

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112319\
 Data File : BF117952.D
 Acq On : 23 Nov 2019 13:20
 Operator : JU
 Sample : K5925-01MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 25 07:49:48 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	116998	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	571892	20.00	ng	-0.02
39) Acenaphthene-d10	9.96	164	300875	20.00	ng	-0.02
64) Phenanthrene-d10	11.45	188	502628	20.00	ng	-0.02
76) Chrysene-d12	14.10	240	444698	20.00	ng	-0.01
87) Perylene-d12	15.60	264	400101	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	791813	119.80	ng	-0.01
7) Phenol-d6	6.53	99	1052996	132.08	ng	-0.01
23) Nitrobenzene-d5	7.47	82	659096	68.51	ng	-0.02
42) 2,4,6-Tribromophenol	10.75	330	409719	128.63	ng	-0.02
45) 2-Fluorobiphenyl	9.27	172	1422028	84.79	ng	-0.02
79) Terphenyl-d14	13.04	244	1636226	67.25	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.72	88	123704	40.039	ng	98
3) Pyridine	3.48	79	341017	42.077	ng	98
4) n-Nitrosodimethylamine	3.43	42	160880	45.474	ng	97
6) Aniline	6.56	93	179013	16.992	ng	99
8) 2-Chlorophenol	6.69	128	361484	50.402	ng	96
9) Benzaldehyde	6.45	77	168666	30.447	ng	97
10) Phenol	6.55	94	429119	51.799	ng	99
11) bis(2-Chloroethyl)ether	6.64	93	312720	47.006	ng	96
12) 1,3-Dichlorobenzene	6.85	146	399178	47.275	ng	98
13) 1,4-Dichlorobenzene	6.92	146	406569	47.636	ng	99
14) 1,2-Dichlorobenzene	7.07	146	388547	47.601	ng	99
15) Benzyl Alcohol	7.05	79	321130	52.174	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.18	45	415112	40.528	ng	96
17) 2-Methylphenol	7.16	107	302160	49.749	ng	99
18) Hexachloroethane	7.42	117	146571	46.748	ng	97
19) n-Nitroso-di-n-propylamine	7.32	70	240371	48.873	ng	98
20) 3+4-Methylphenols	7.30	107	379054	50.276	ng	# 86
22) Acetophenone	7.32	105	499098	38.844	ng	# 97
24) Nitrobenzene	7.49	77	384902	38.782	ng	97
25) Isophorone	7.73	82	679627	38.544	ng	98
26) 2-Nitrophenol	7.80	139	210682	43.614	ng	94
27) 2,4-Dimethylphenol	7.84	122	330701	44.057	ng	99
28) bis(2-Chloroethoxy)methane	7.93	93	424456	37.934	ng	99
29) 2,4-Dichlorophenol	8.05	162	355308	43.638	ng	99
30) 1,2,4-Trichlorobenzene	8.13	180	418205	44.281	ng	98
31) Naphthalene	8.22	128	1266307	47.497	ng	99
32) Benzoic acid	7.96	122	260990	41.526	ng	99
33) 4-Chloroaniline	8.26	127	95423	7.995	ng	98
34) Hexachlorobutadiene	8.33	225	235037	42.565	ng	99
35) Caprolactam	8.63	113	87105	33.661	ng	93
36) 4-Chloro-3-methylphenol	8.75	107	398319	48.204	ng	98
37) 2-Methylnaphthalene	8.91	142	884043	49.075	ng	99
38) 1-Methylnaphthalene	9.01	142	846676	49.716	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	397011	45.436	ng	99

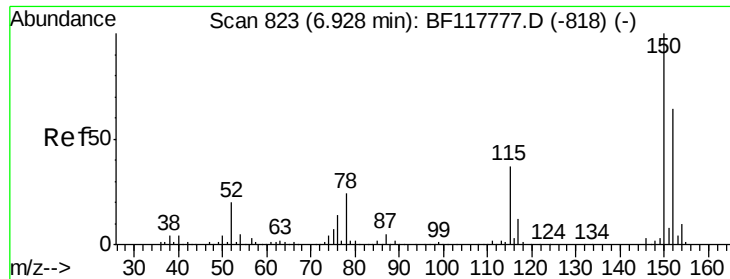
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112319\
 Data File : BF117952.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	507541	103.651	ng	99
43) 2,4,6-Trichlorophenol	9.19	196	288417	46.084	ng	97
44) 2,4,5-Trichlorophenol	9.23	196	307755	47.361	ng	99
46) 1,1'-Biphenyl	9.37	154	1075751	48.192	ng	98
47) 2-Chloronaphthalene	9.40	162	837180	45.590	ng	97
48) 2-Nitroaniline	9.49	65	250420	45.170	ng	95
49) Acenaphthylene	9.82	152	1320990	49.341	ng	98
50) Dimethylphthalate	9.67	163	1244329	58.977	ng	99
51) 2,6-Dinitrotoluene	9.74	165	229498	49.770	ng	# 83
52) Acenaphthene	9.99	154	905587	52.802	ng	99
53) 3-Nitroaniline	9.90	138	87301	15.822	ng	94
54) 2,4-Dinitrophenol	10.02	184	238675	98.864	ng	94
55) Dibenzofuran	10.16	168	1168645	49.207	ng	99
56) 4-Nitrophenol	10.07	139	365658	88.783	ng	97
57) 2,4-Dinitrotoluene	10.15	165	307210	52.374	ng	90
58) Fluorene	10.51	166	866626	47.089	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.28	232	254011	47.575	ng	99
60) Diethylphthalate	10.37	149	966409	46.982	ng	99
61) 4-Chlorophenyl-phenylether	10.50	204	436669	46.754	ng	99
62) 4-Nitroaniline	10.52	138	238164	43.110	ng	99
63) Azobenzene	10.66	77	783687	41.878	ng	99
65) 4,6-Dinitro-2-methylphenol	10.55	198	165410	70.494	ng	85
66) n-Nitrosodiphenylamine	10.62	169	814898	55.708	ng	99
67) 4-Bromophenyl-phenylether	10.99	248	282691	52.125	ng	97
68) Hexachlorobenzene	11.06	284	328317	51.918	ng	# 89
69) Atrazine	11.15	200	287152	59.675	ng	98
70) Pentachlorophenol	11.26	266	383152	103.707	ng	99
71) Phenanthrene	11.47	178	1223274	48.407	ng	99
72) Anthracene	11.53	178	1305124	52.090	ng	99
73) Carbazole	11.68	167	1284814	58.682	ng	100
74) Di-n-butylphthalate	12.01	149	1522507	55.850	ng	99
75) Fluoranthene	12.67	202	1241306	55.737	ng	99
77) Benzidine	12.79	184	389840	26.763	ng	98
78) Pyrene	12.90	202	1293931	36.004	ng	100
80) Butylbenzylphthalate	13.52	149	680631	44.095	ng	99
81) Benzo(a)anthracene	14.09	228	1345718	45.794	ng	99
82) 3,3'-Dichlorobenzidine	14.05	252	255641	24.870	ng	96
83) Chrysene	14.13	228	1326711	46.592	ng	98
84) Bis(2-ethylhexyl)phthalate	14.07	149	891499	47.639	ng	100
85) Di-n-octyl phthalate	14.69	149	1579241	57.444	ng	98
86) Indeno(1,2,3-cd)pyrene	17.14	276	1050642	43.352	ng	98
88) Benzo(b)fluoranthene	15.16	252	1309855	50.389	ng	99
89) Benzo(k)fluoranthene	15.19	252	1263139	51.572	ng	98
90) Benzo(a)pyrene	15.54	252	994039	43.487	ng	99
91) Dibenzo(a,h)anthracene	17.16	278	876831	44.567	ng	97
92) Benzo(g,h,i)perylene	17.60	276	876644	44.735	ng	99

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

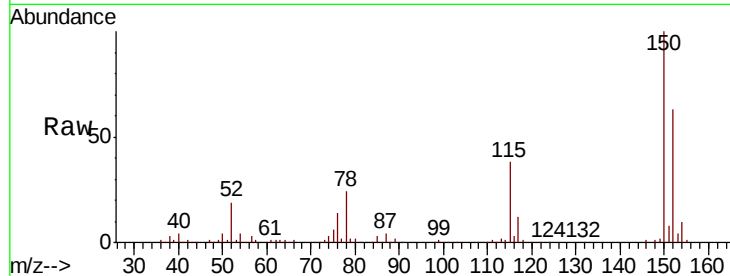


#1

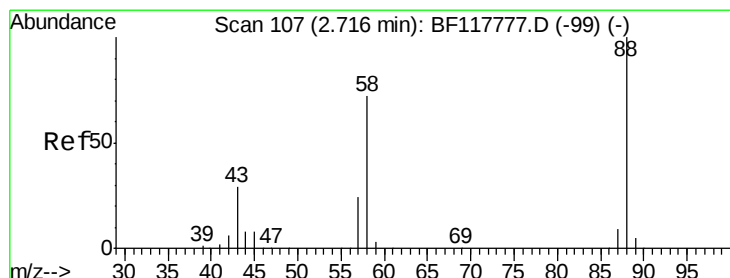
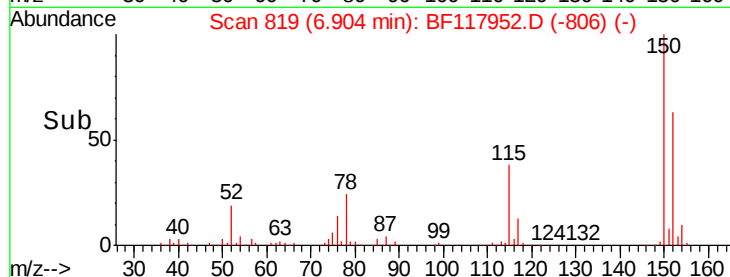
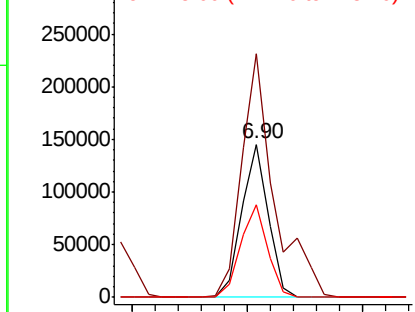
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 116998
Ion Ratio Lower Upper
152 100
150 159.2 125.3 187.9
115 60.7 47.0 70.4



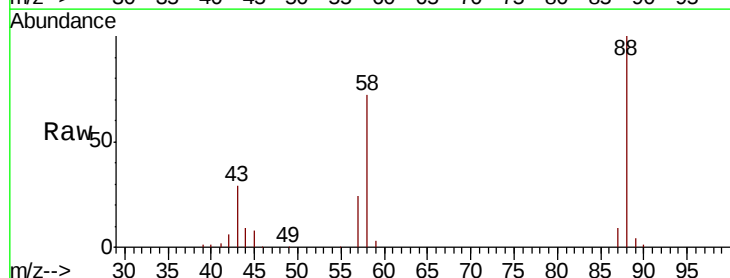
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



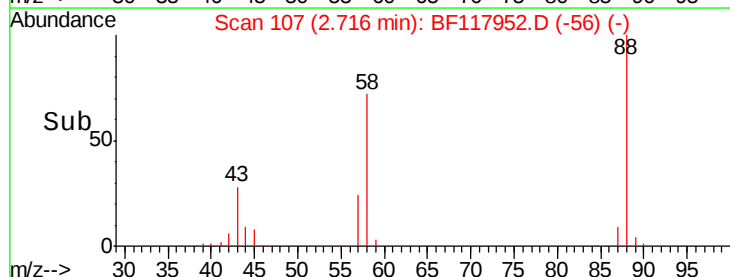
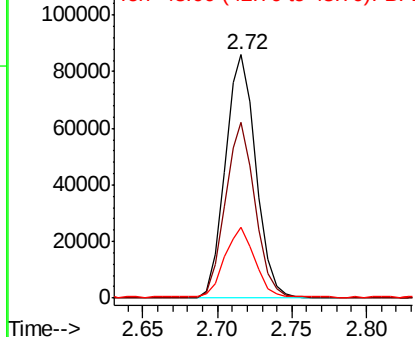
#2

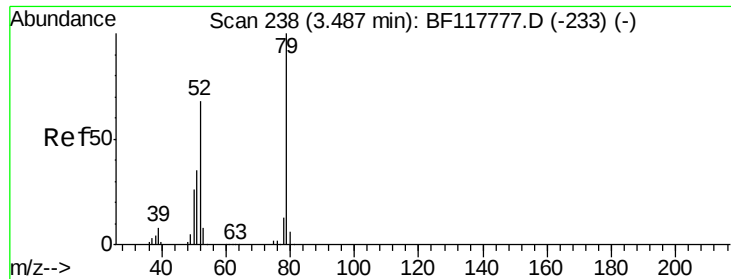
1,4-Dioxane
Concen: 40.039 ng
RT: 2.72 min Scan# 107
Delta R.T. -0.00 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Tgt Ion: 88 Resp: 123704
Ion Ratio Lower Upper
88 100
58 70.4 58.2 87.2
43 28.4 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

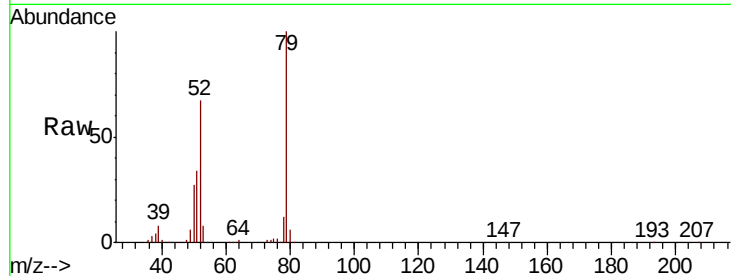




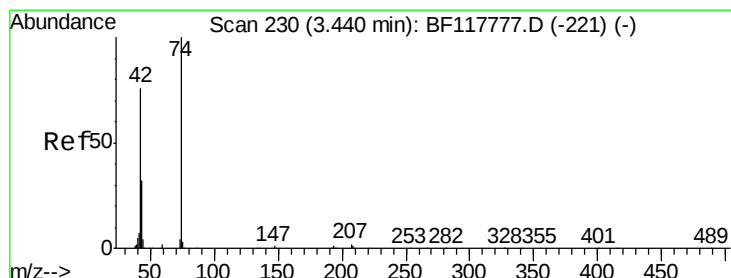
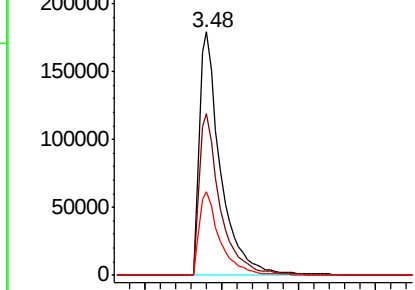
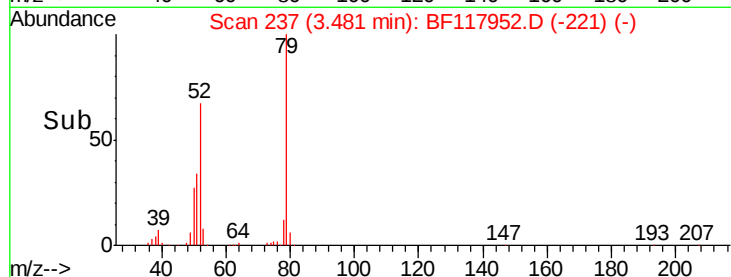
#3
 Pvridine
 Concen: 42.077 ng
 RT: 3.48 min Scan# 237
 Delta R.T. -0.01 min
 Lab File: BF117952.D
 Acq: 23 Nov 2019 13:20

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 79 Resp: 341017
 Ion Ratio Lower Upper
 79 100
 52 66.6 54.8 82.2
 51 34.5 28.2 42.4

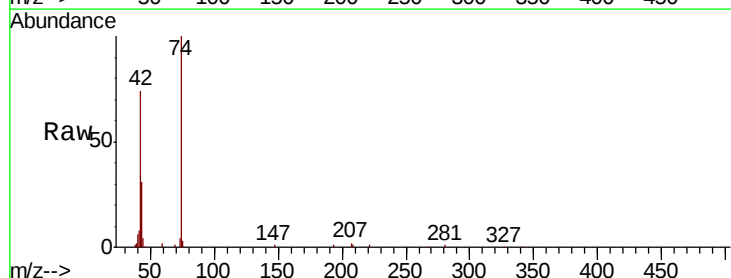


Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1

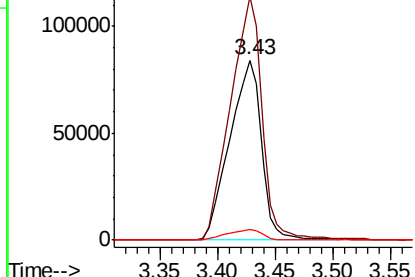
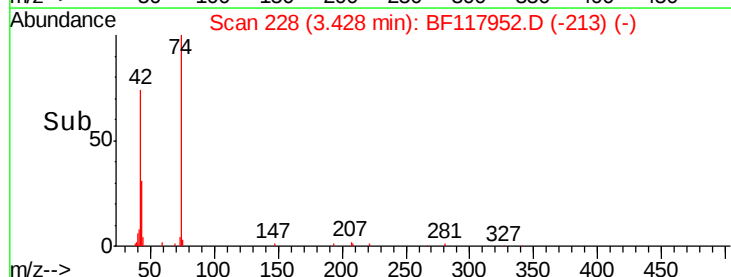


#4
 n-Nitrosodimethylamine
 Concen: 45.474 ng
 RT: 3.43 min Scan# 228
 Delta R.T. -0.01 min
 Lab File: BF117952.D
 Acq: 23 Nov 2019 13:20

Tgt Ion: 42 Resp: 160880
 Ion Ratio Lower Upper
 42 100
 74 135.4 105.1 157.7
 44 5.9 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: 119.796 ng

RT: 5.52 min Scan# 584

Delta R.T. -0.01 min

Lab File: BF117952.D

Acq: 23 Nov 2019 13:20

Instrument :

BNA_F

ClientSampled :

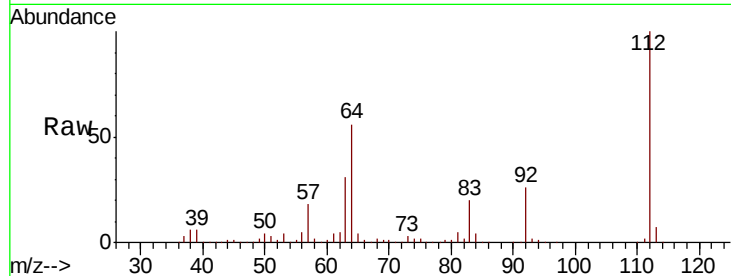
Tot Ion:112 Resp: 791813

Ion Ratio Lower Upper

112 100

64 56.0 45.6 68.4

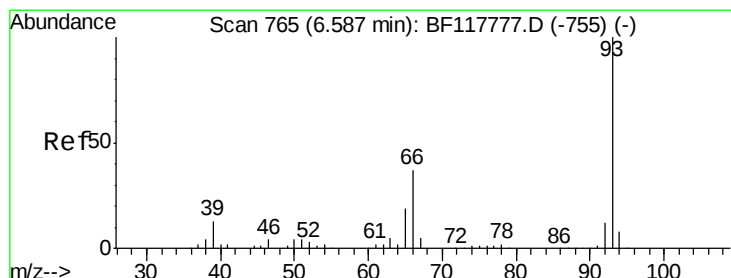
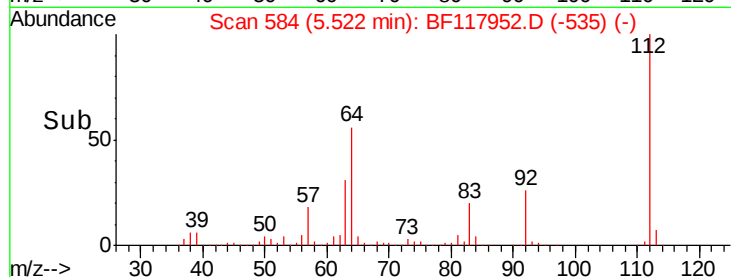
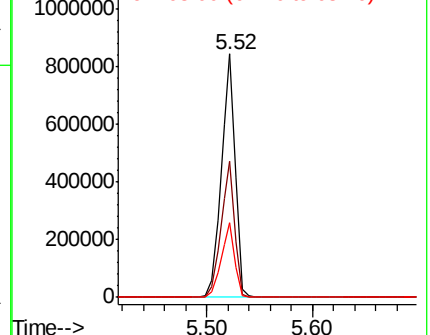
63 30.7 24.1 36.1



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 16.992 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.02 min

Lab File: BF117952.D

Acq: 23 Nov 2019 13:20

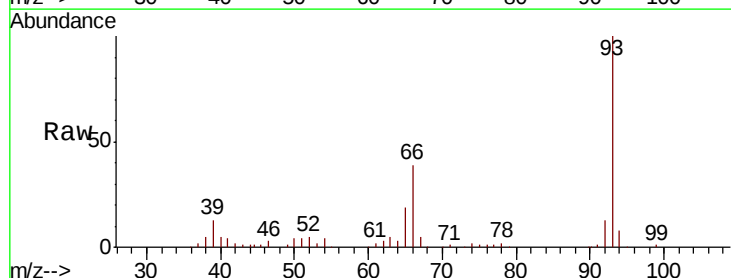
Tgt Ion: 93 Resp: 179013

Ion Ratio Lower Upper

93 100

66 39.0 30.6 45.8

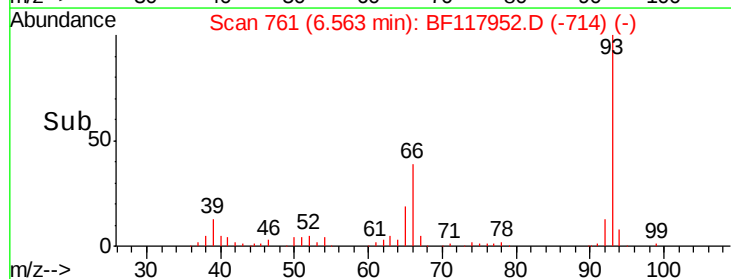
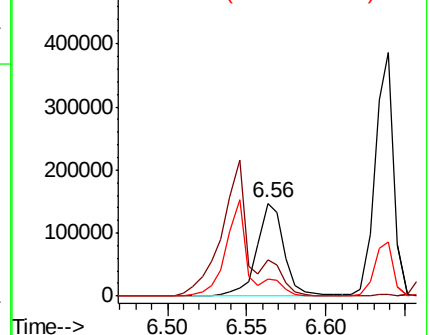
65 18.9 15.6 23.4

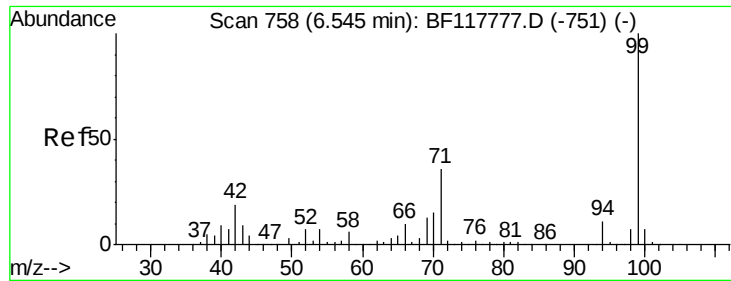


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 132.082 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF117952.D

Acq: 23 Nov 2019 13:20

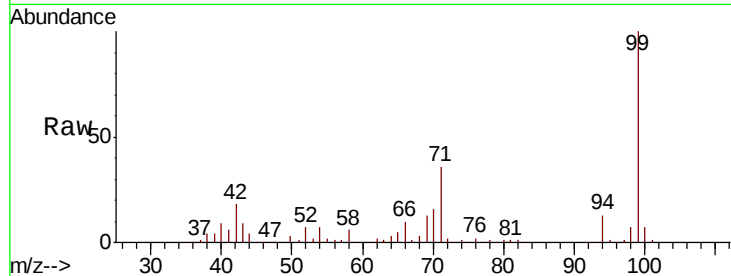
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1052996

Ion	Ratio	Lower	Upper
99	100		
42	18.0	14.9	22.3
71	36.2	28.6	43.0

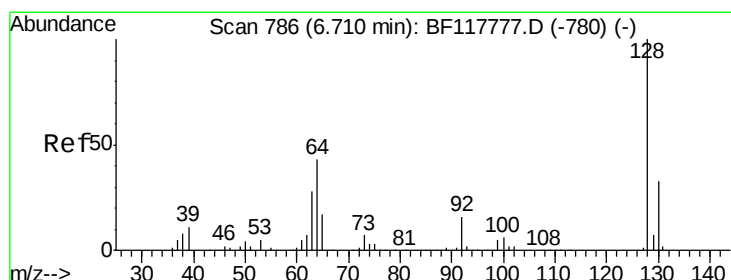
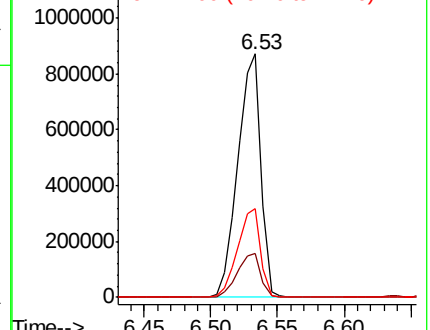
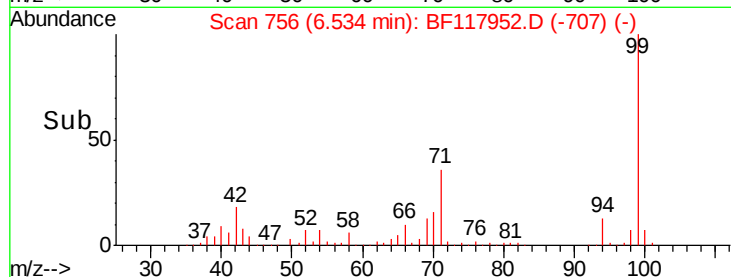


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 50.402 ng

RT: 6.69 min Scan# 783

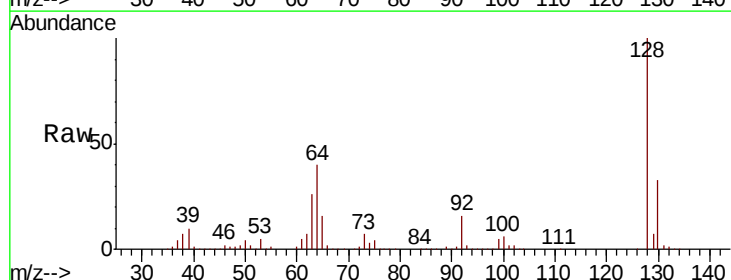
Delta R.T. -0.02 min

Lab File: BF117952.D

Acq: 23 Nov 2019 13:20

Tgt Ion: 128 Resp: 361484

Ion	Ratio	Lower	Upper
128	100		
130	32.9	13.2	53.2
64	39.8	23.7	63.7

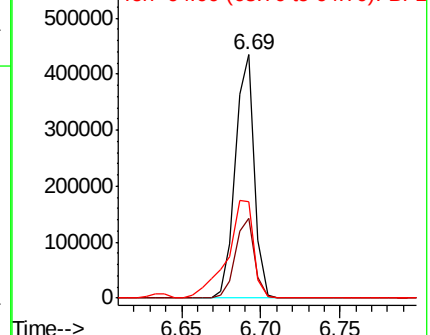
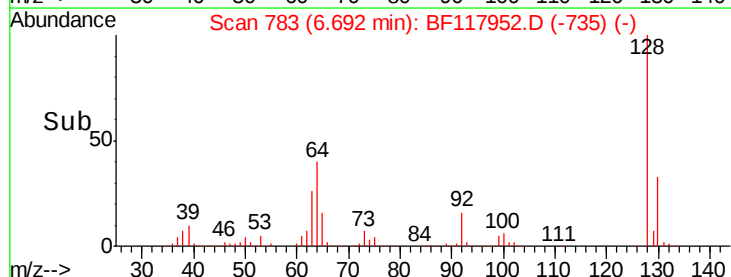


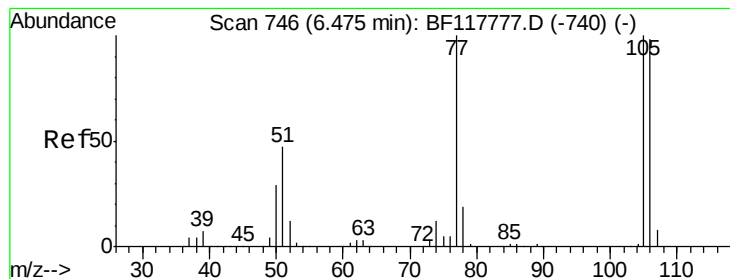
Abundance

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: 30.447 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.02 min

Lab File: BF117952.D

Acq: 23 Nov 2019 13:20

Instrument :

BNA_F

ClientSampleId :

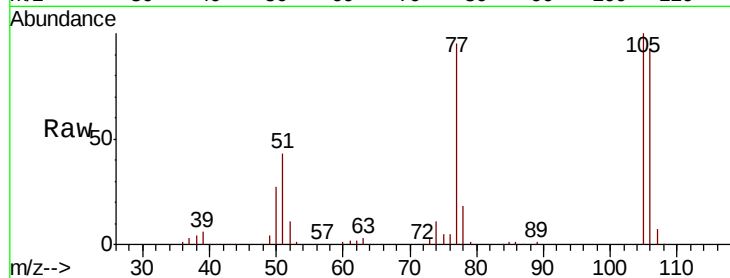
Tot Ion: 77 Resp: 168666

Ion Ratio Lower Upper

77 100

105 105.1 80.2 120.2

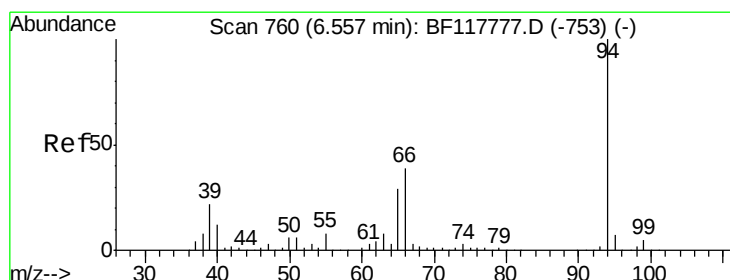
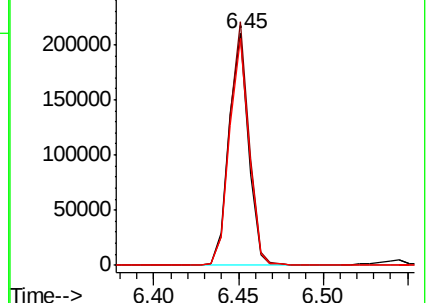
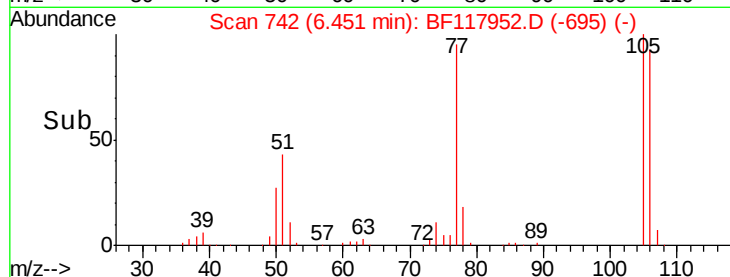
106 98.2 78.4 118.4



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: 51.799 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF117952.D

Acq: 23 Nov 2019 13:20

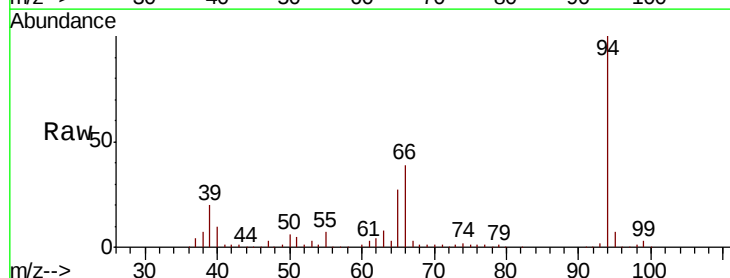
Tgt Ion: 94 Resp: 429119

Ion Ratio Lower Upper

94 100

65 27.3 8.9 48.9

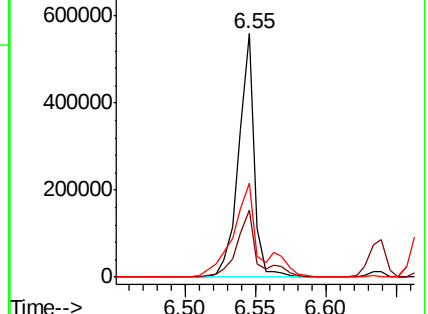
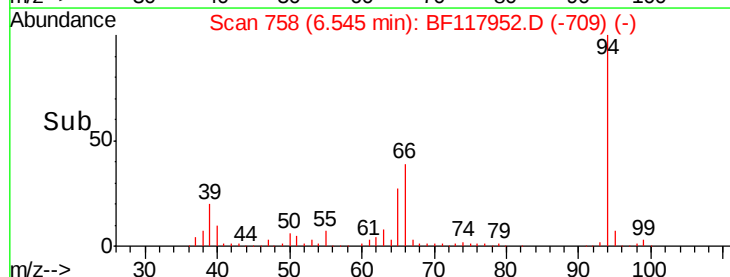
66 38.6 18.7 58.7

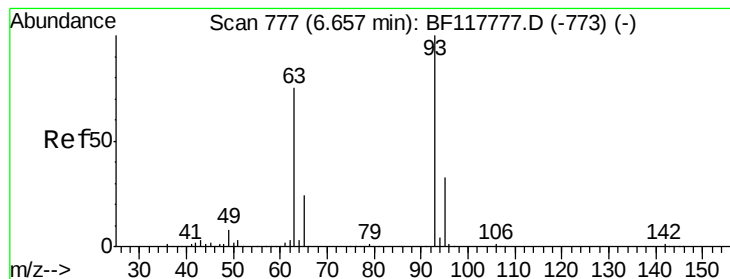


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 47.006 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.02 min

Lab File: BF117952.D

Acq: 23 Nov 2019 13:20

Instrument :

BNA_F

ClientSampled :

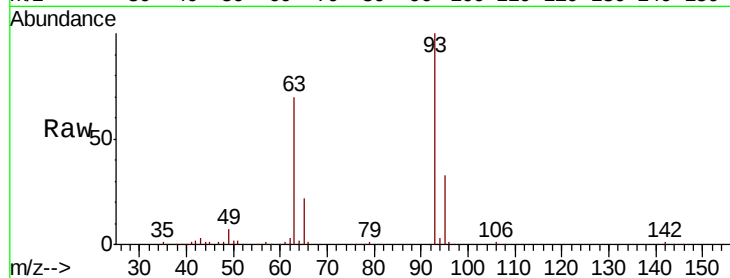
Tot Ion: 93 Resp: 312720

Ion Ratio Lower Upper

93 100

63 70.2 54.8 94.8

95 33.1 12.7 52.7

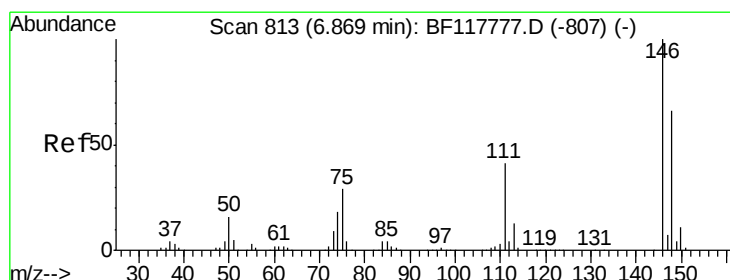
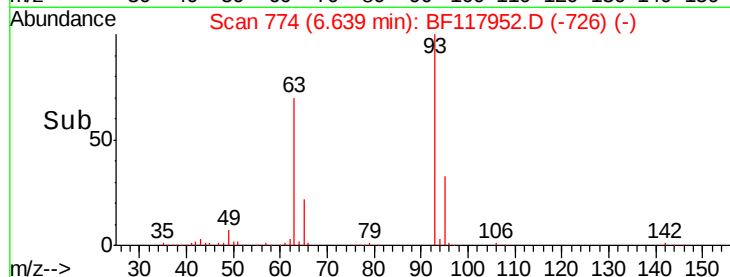
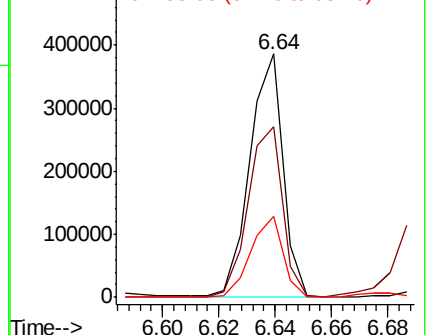


Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 47.275 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.02 min

Lab File: BF117952.D

Acq: 23 Nov 2019 13:20

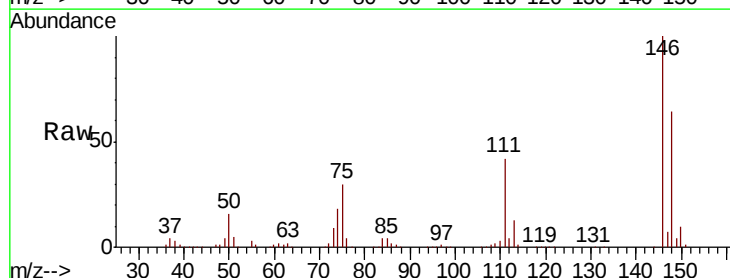
Tgt Ion: 146 Resp: 399178

Ion Ratio Lower Upper

146 100

148 64.3 52.8 79.2

75 30.3 23.4 35.0

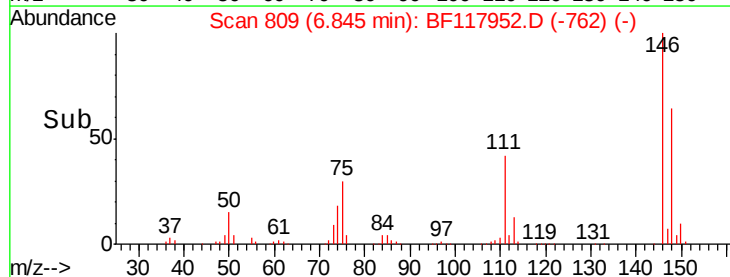
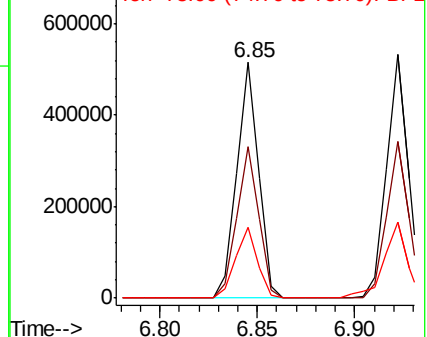


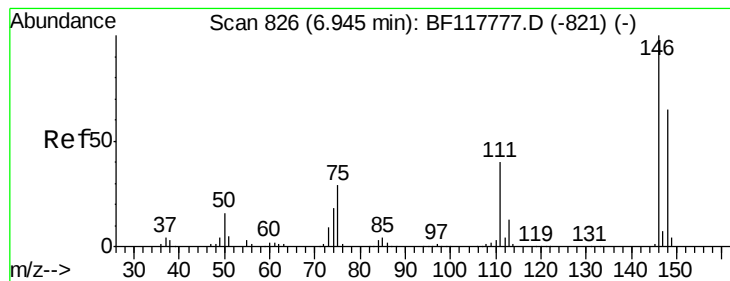
Abundance

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: 47.636 ng

RT: 6.92 min Scan# 822

Delta R.T. -0.02 min

Lab File: BF117952.D

Acq: 23 Nov 2019 13:20

Instrument :

BNA_F

ClientSampleId :

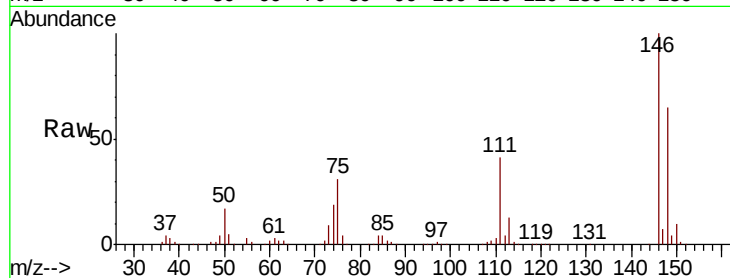
Tot Ion:146 Resp: 406569

Ion Ratio Lower Upper

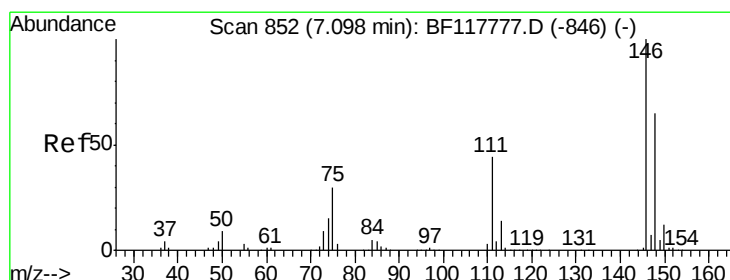
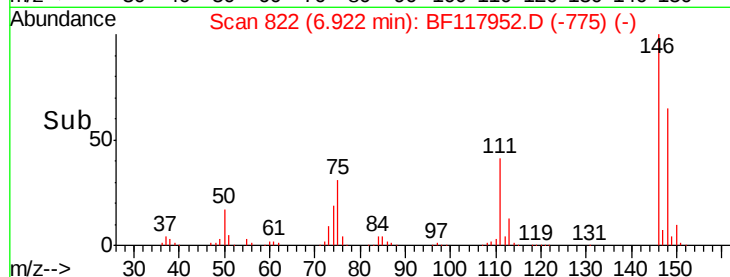
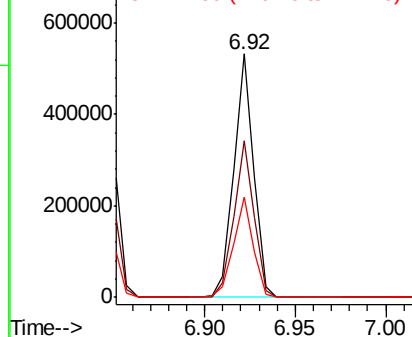
146 100

148 64.6 52.3 78.5

111 41.4 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: 47.601 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.02 min

Lab File: BF117952.D

Acq: 23 Nov 2019 13:20

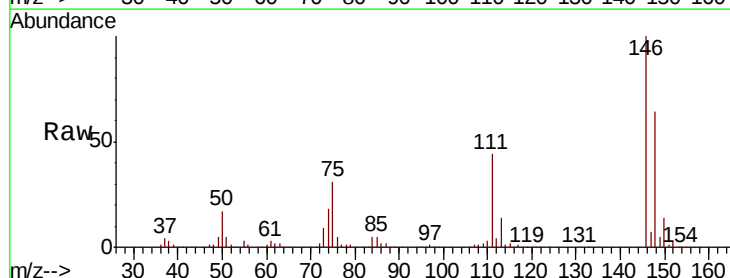
Tgt Ion:146 Resp: 388547

Ion Ratio Lower Upper

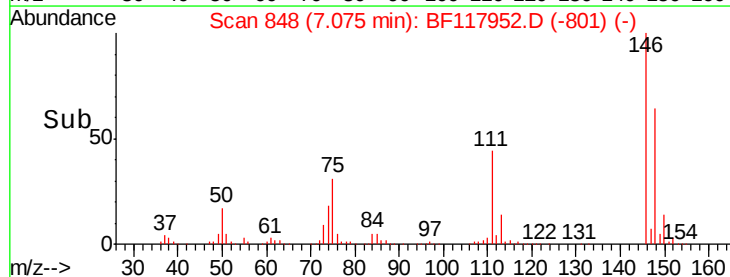
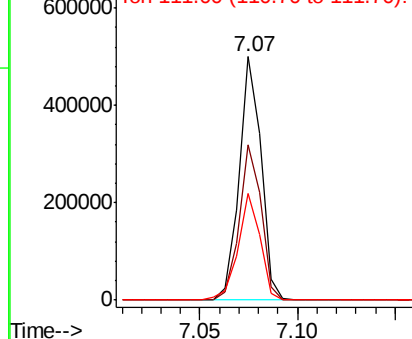
146 100

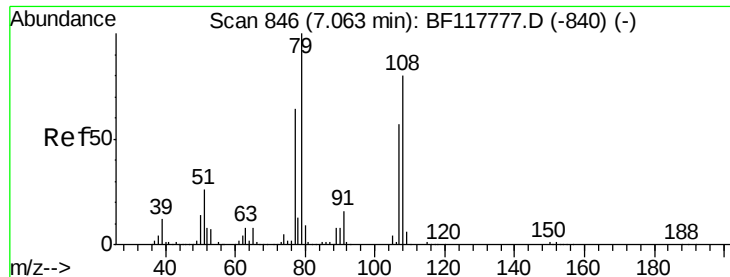
148 63.7 51.8 77.8

111 43.9 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: 52.174 ng

RT: 7.05 min Scan# 843

Delta R.T. -0.02 min

Lab File: BF117952.D

Acq: 23 Nov 2019 13:20

Instrument :

BNA_F

ClientSampleId :

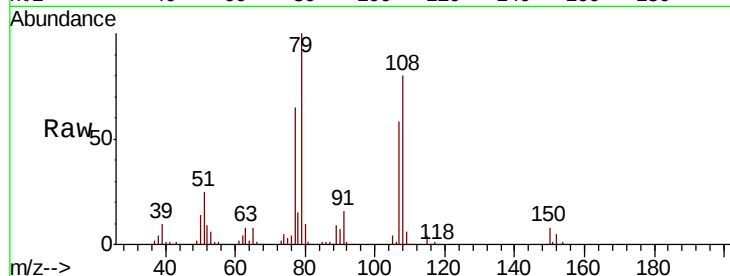
Tot Ion: 79 Resp: 321130

Ion Ratio Lower Upper

79 100

108 80.3 64.1 96.1

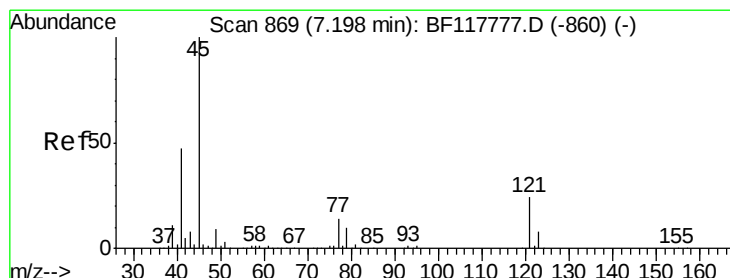
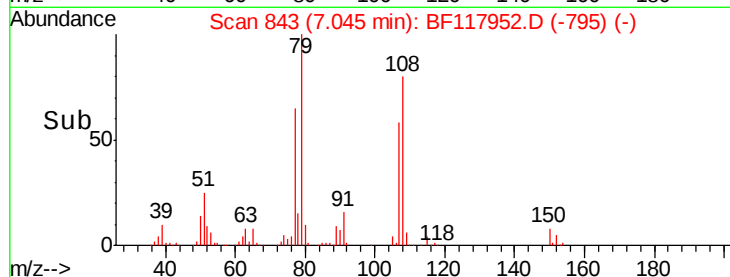
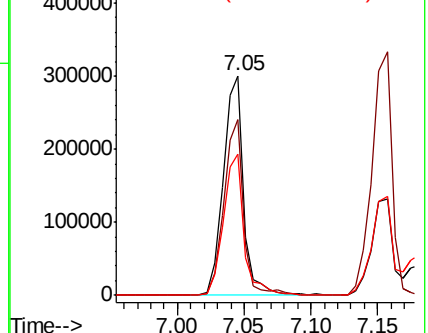
77 64.6 51.3 76.9



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.528 ng

RT: 7.18 min Scan# 866

Delta R.T. -0.02 min

Lab File: BF117952.D

Acq: 23 Nov 2019 13:20

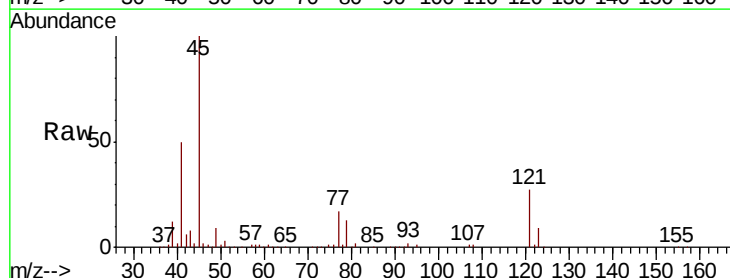
Tgt Ion: 45 Resp: 415112

Ion Ratio Lower Upper

45 100

77 16.7 0.0 35.0

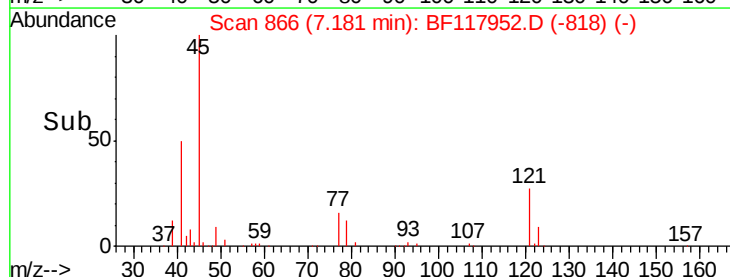
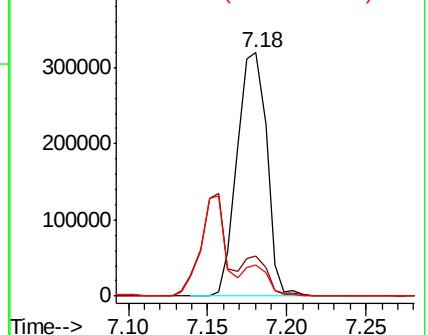
79 12.7 0.0 31.1

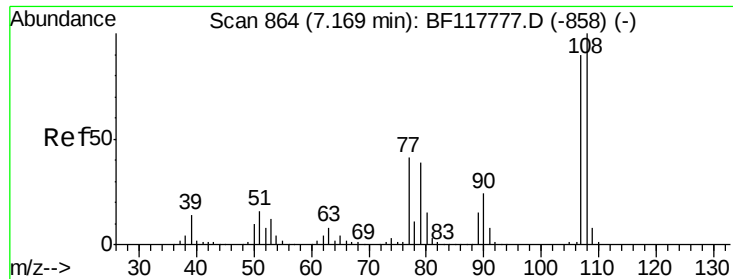


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

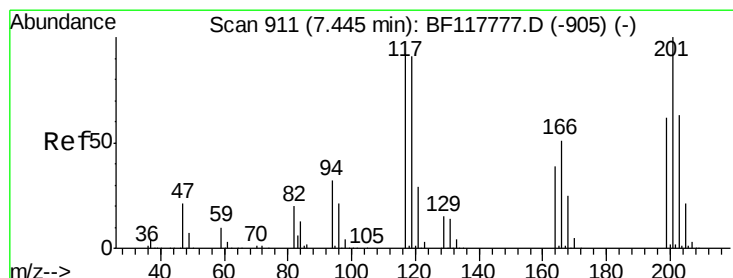
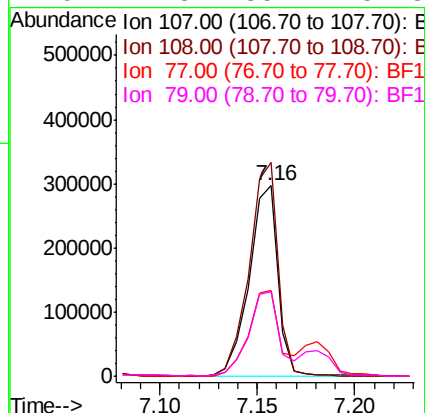
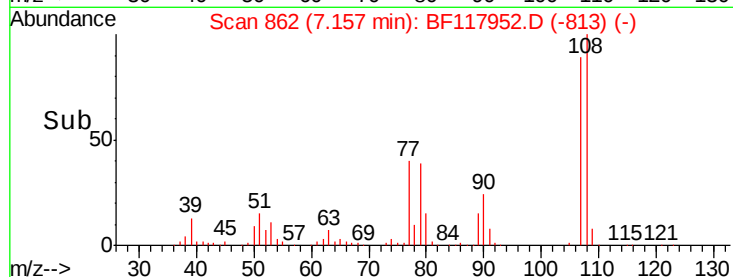
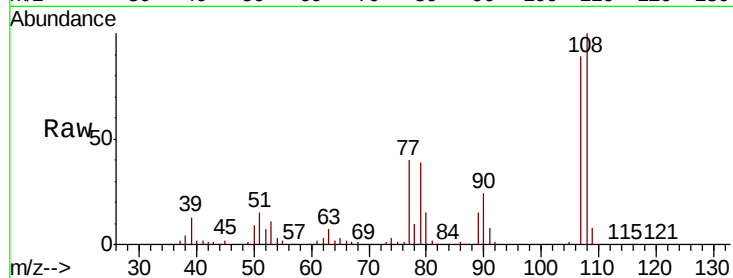




#17
2-Methylphenol
Concen: 49.749 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

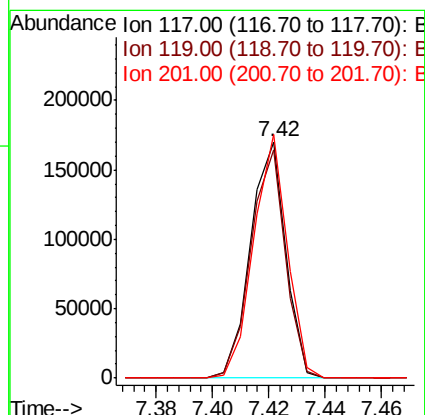
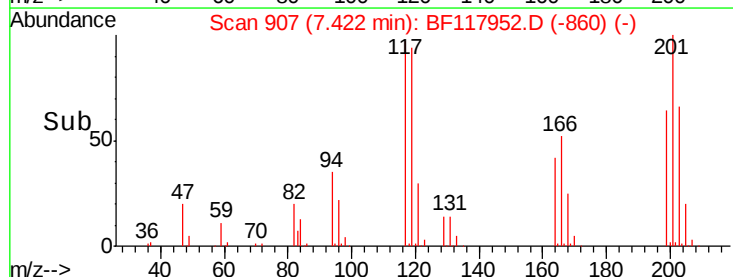
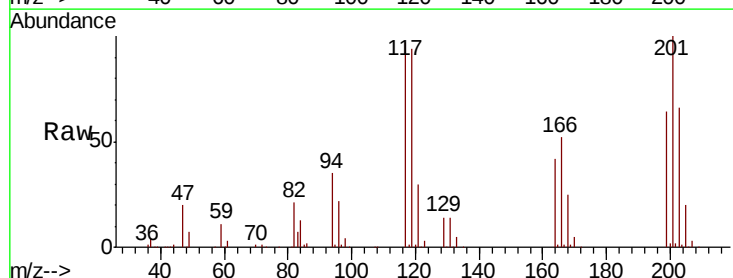
Instrument :
BNA_F
ClientSampled :

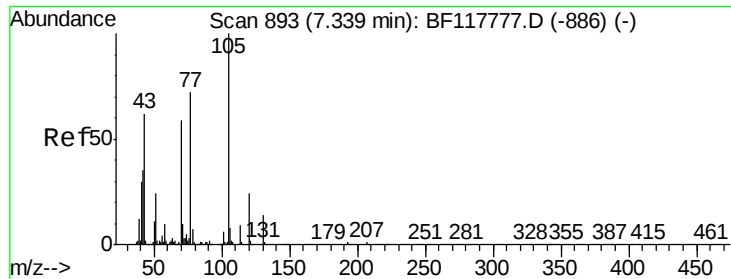
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.2	89.1	133.7
77	45.4	36.6	54.8
79	44.3	35.2	52.8



#18
Hexachloroethane
Concen: 46.748 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.0	78.7	118.1
201	103.2	86.5	129.7

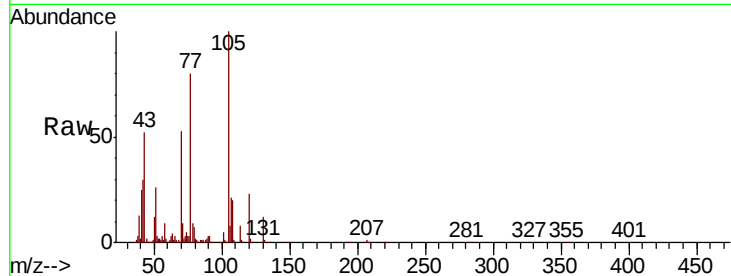




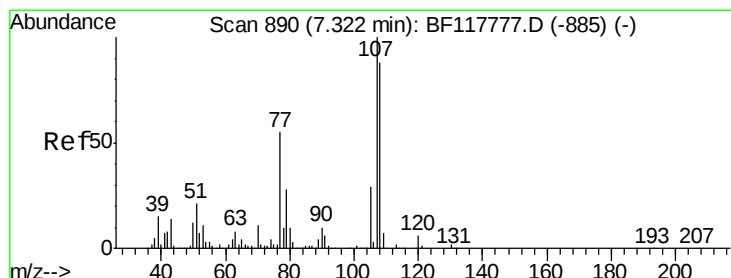
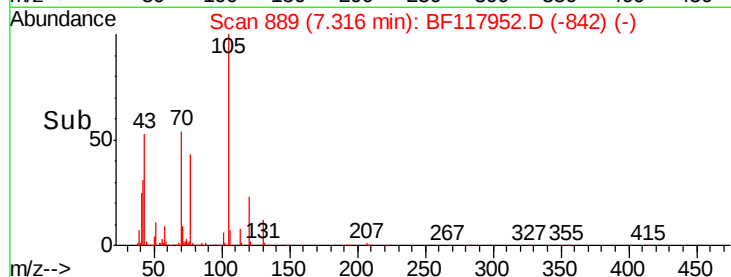
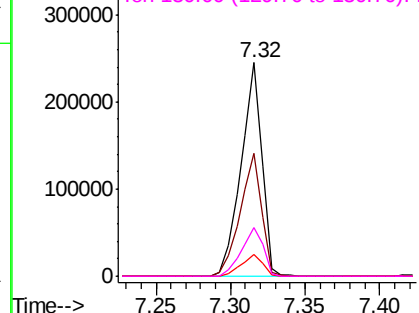
#19
n-Nitroso-di-n-propylamine
Concen: 48.873 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.02 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	240371
Ion	Ratio	Lower	Upper
70	100		
42	57.3	47.4	71.2
101	10.3	8.4	12.6
130	23.0	18.8	28.2

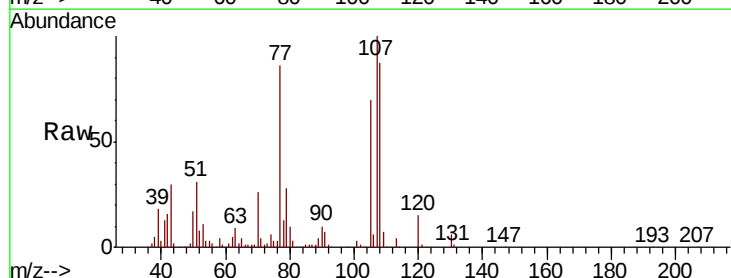


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

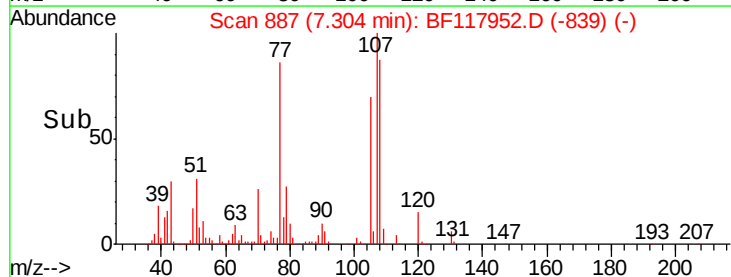
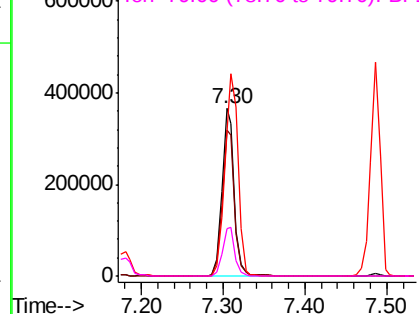


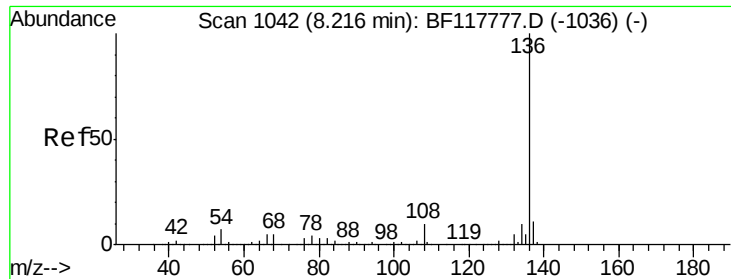
#20
3+4-Methylphenols
Concen: 50.276 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Tgt Ion:	107	Resp:	379054
Ion	Ratio	Lower	Upper
107	100		
108	87.3	68.4	108.4
77	86.4	35.2	75.2#
79	28.2	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

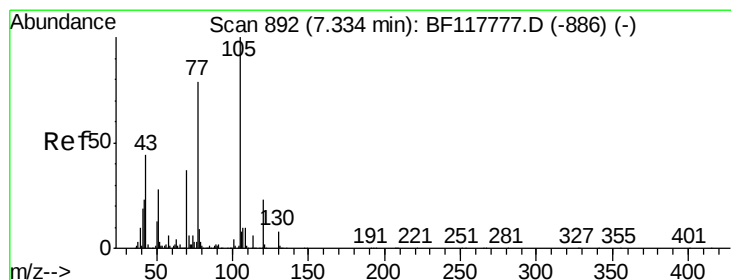
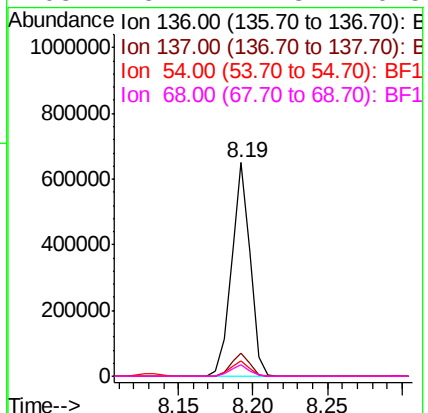
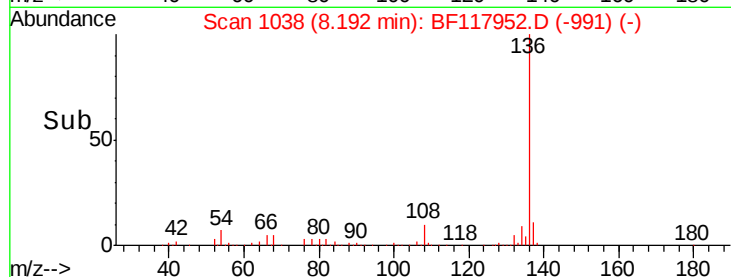
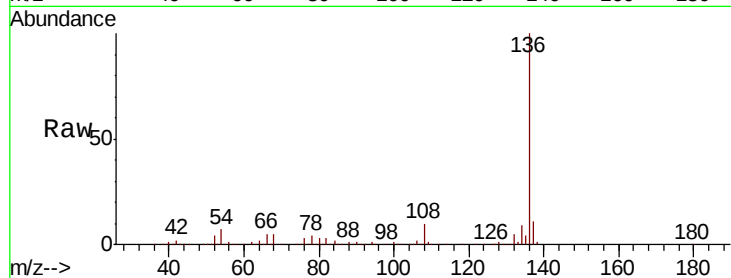




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

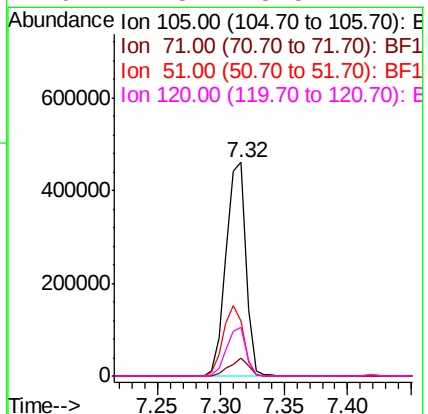
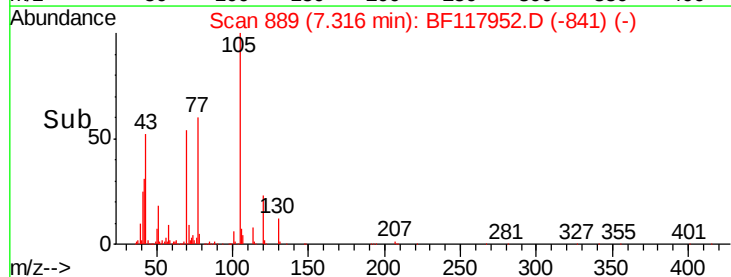
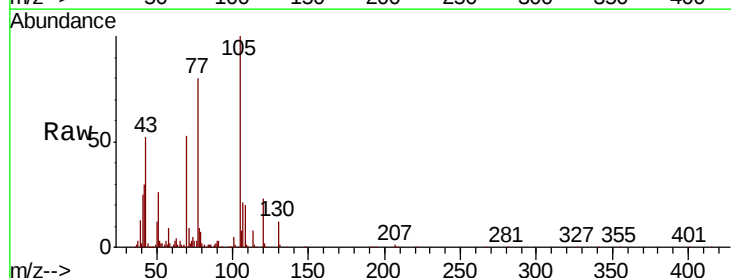
Instrument :
BNA_F
ClientSampleId :

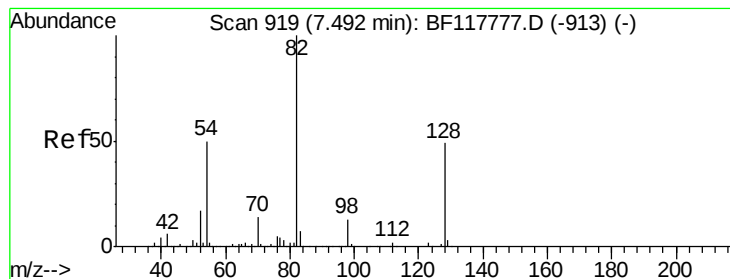
Tot Ion:136	Resp:	571892
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.0 13.4
54	7.1	5.4 8.2
68	5.4	4.3 6.5



#22
Acetophenone
Concen: 38.844 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.02 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Tgt Ion:105	Resp:	499098
Ion Ratio	Lower	Upper
105	100	
71	8.7	4.9 7.3#
51	25.9	22.7 34.1
120	22.8	18.5 27.7





#23

Nitrobenzene-d5

Concen: 68.510 ng

RT: 7.47 min Scan# 915

Delta R.T. -0.02 min

Lab File: BF117952.D

Acq: 23 Nov 2019 13:20

Instrument :

BNA_F

ClientSampled :

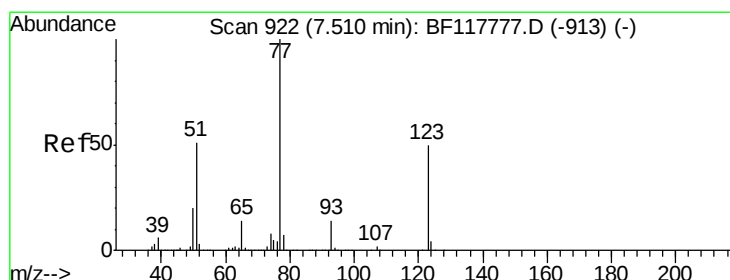
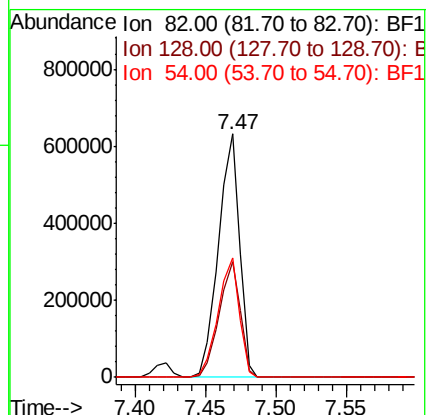
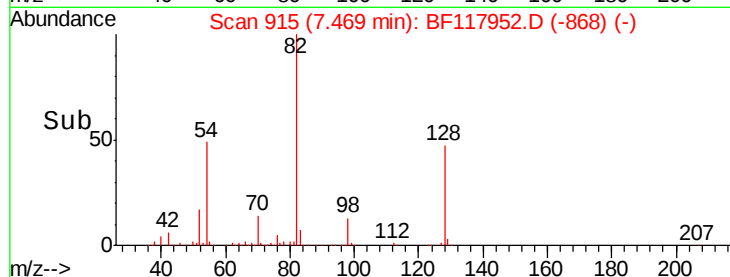
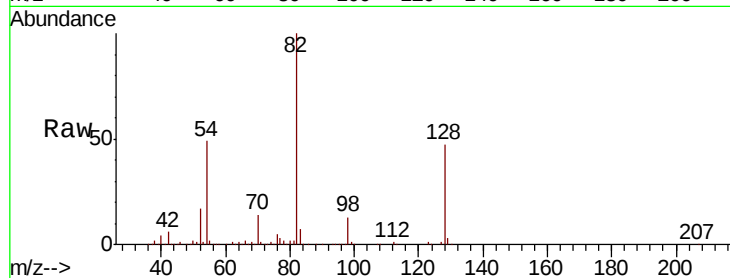
Tot Ion: 82 Resp: 659096

Ion Ratio Lower Upper

82 100

128 47.4 38.9 58.3

54 48.8 39.8 59.6



#24

Nitrobenzene

Concen: 38.782 ng

RT: 7.49 min Scan# 918

Delta R.T. -0.02 min

Lab File: BF117952.D

Acq: 23 Nov 2019 13:20

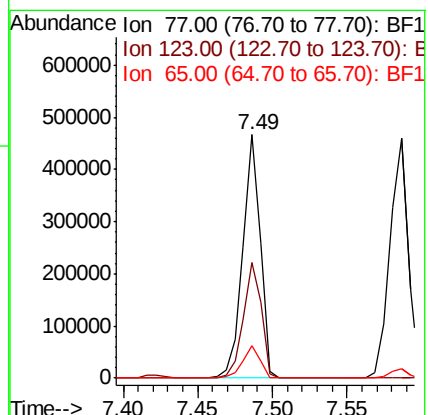
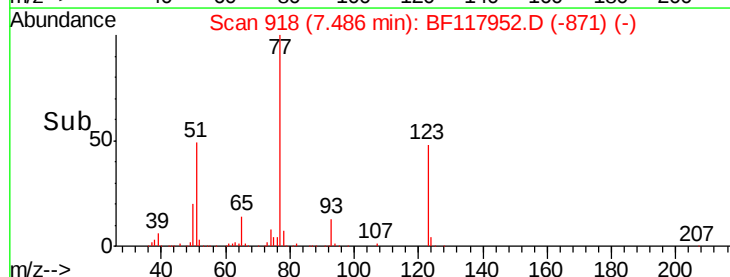
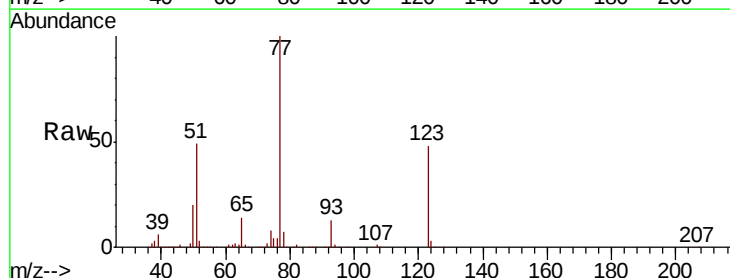
Tgt Ion: 77 Resp: 384902

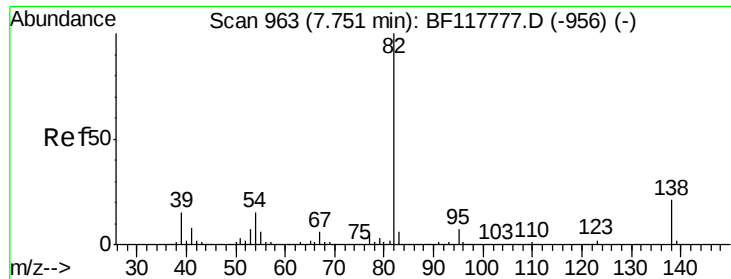
Ion Ratio Lower Upper

77 100

123 47.6 40.3 60.5

65 13.6 10.9 16.3

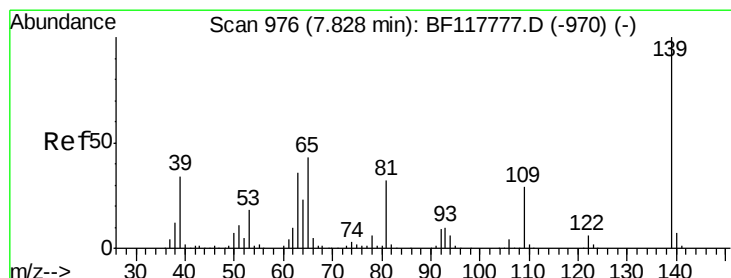
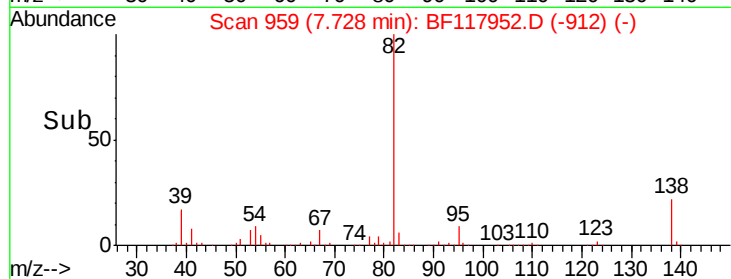
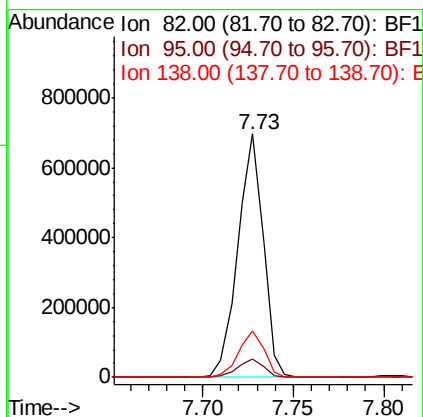
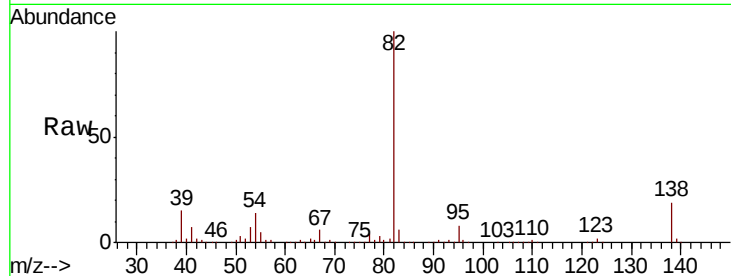




#25
Isophorone
Concen: 38.544 ng
RT: 7.73 min Scan# 959
Delta R.T. -0.02 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

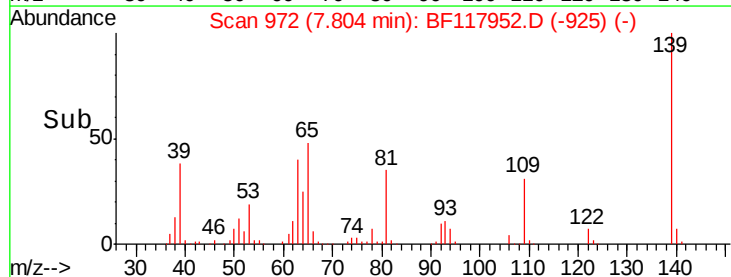
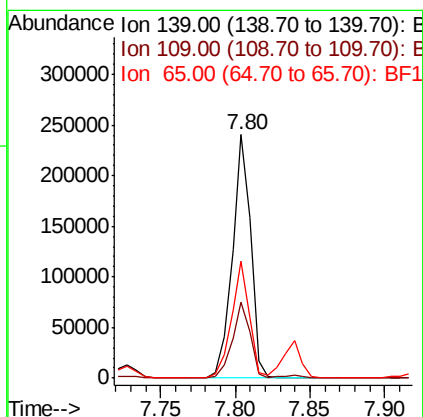
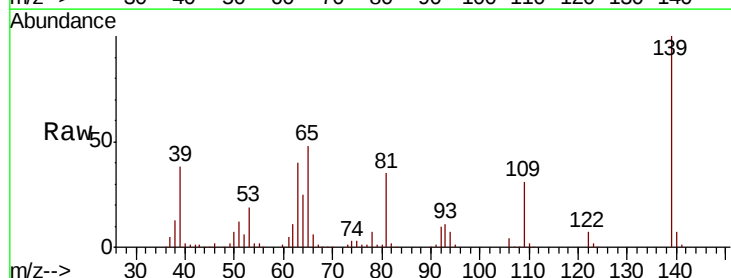
Instrument :
BNA_F
ClientSampleId :

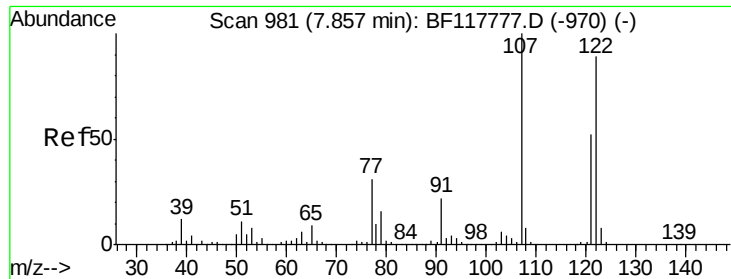
Tot Ion: 82 Resp: 679627
Ion Ratio Lower Upper
82 100
95 7.5 5.8 8.8
138 19.2 16.5 24.7



#26
2-Nitrophenol
Concen: 43.614 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.02 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Tgt Ion: 139 Resp: 210682
Ion Ratio Lower Upper
139 100
109 31.3 23.0 34.4
65 47.8 34.7 52.1





#27

2,4-Dimethylphenol

Concen: 44.057 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.02 min

Lab File: BF117952.D

Acq: 23 Nov 2019 13:20

Instrument :

BNA_F

ClientSampled :

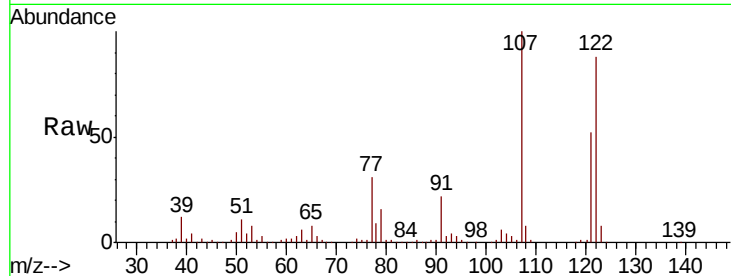
Tot Ion:122 Resp: 330701

Ion Ratio Lower Upper

122 100

107 114.3 90.0 135.0

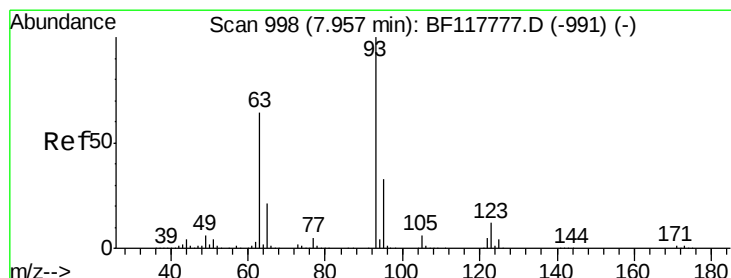
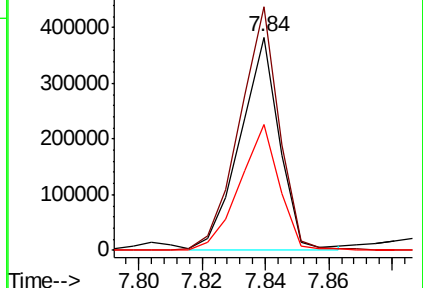
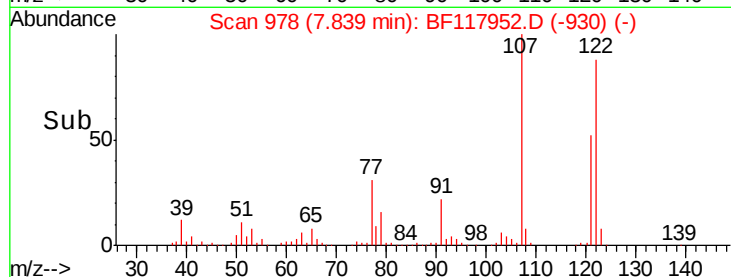
121 59.1 46.7 70.1



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: 37.934 ng

RT: 7.93 min Scan# 994

Delta R.T. -0.02 min

Lab File: BF117952.D

Acq: 23 Nov 2019 13:20

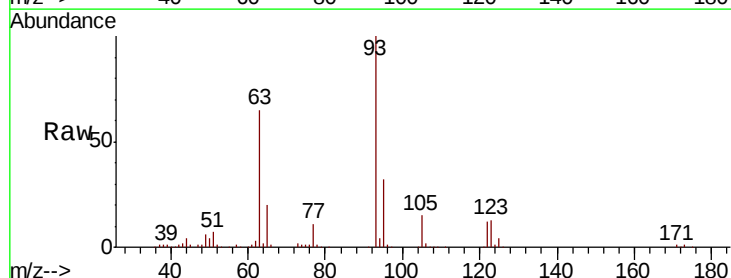
Tgt Ion: 93 Resp: 424456

Ion Ratio Lower Upper

93 100

95 32.5 26.6 40.0

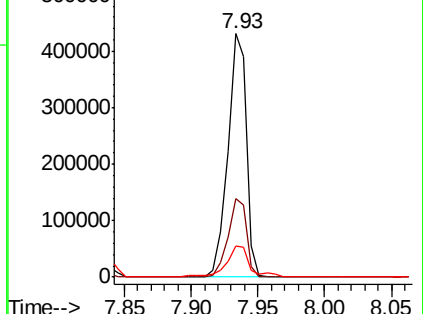
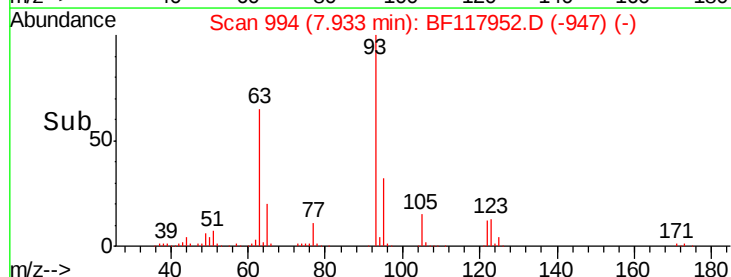
123 12.6 10.3 15.5



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

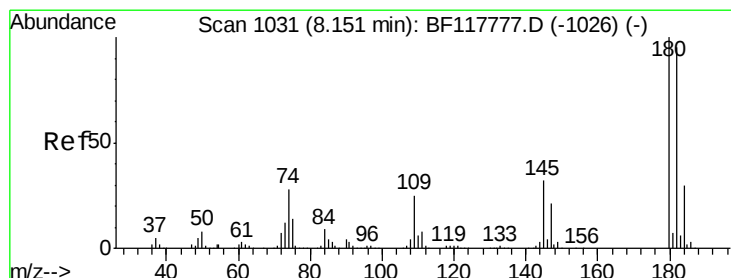
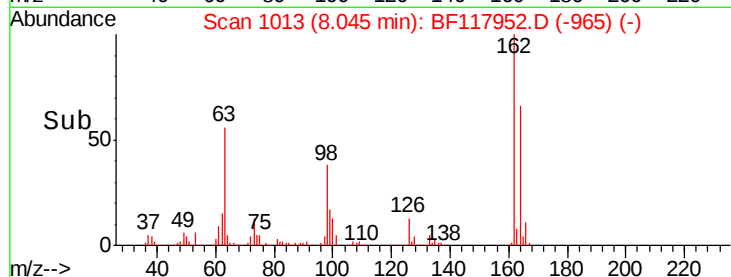
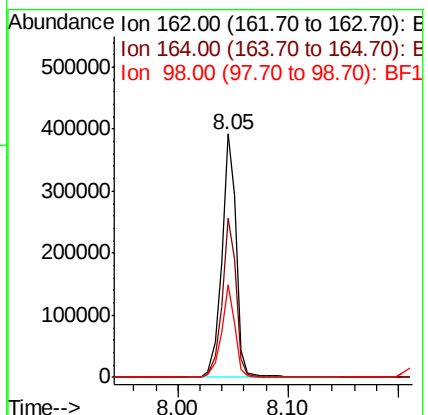
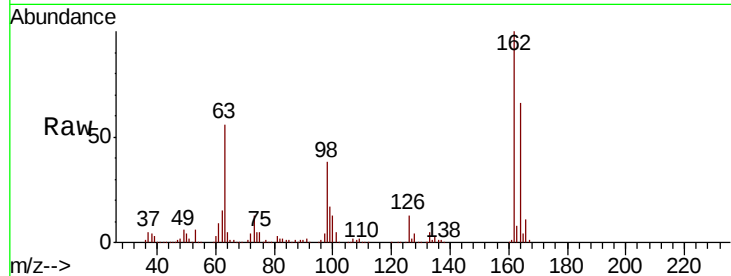




#29
2,4-Dichlorophenol
Concen: 43.638 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.02 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

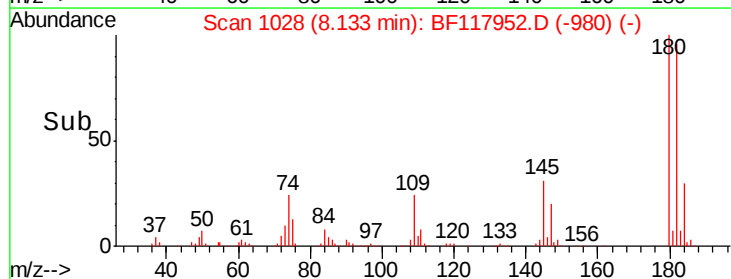
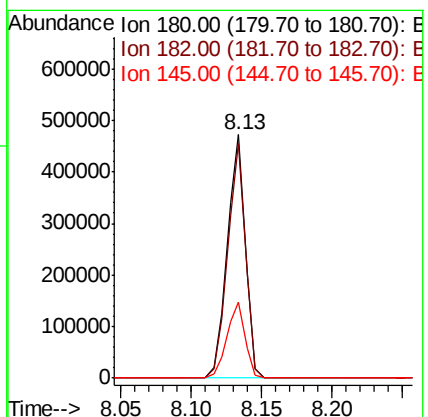
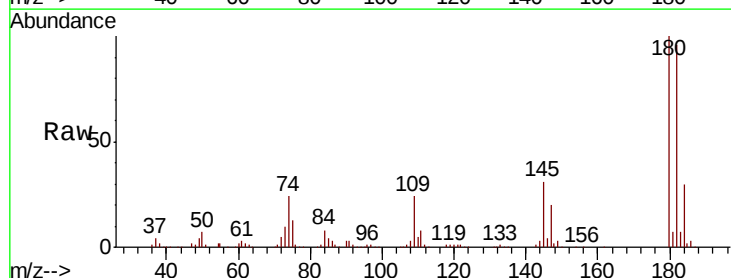
Instrument :
BNA_F
ClientSampled :

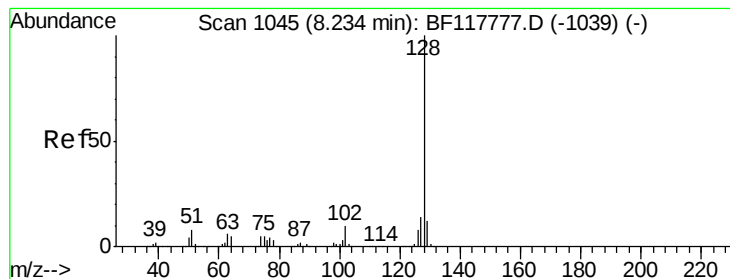
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.6	45.1	85.1
98	38.0	17.2	57.2



#30
1,2,4-Trichlorobenzene
Concen: 44.281 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	75.8	113.6
145	31.2	25.5	38.3





#31

Naphthalene

Concen: 47.497 ng

RT: 8.22 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BF117952.D

Acq: 23 Nov 2019 13:20

Instrument :

BNA_F

ClientSampleId :

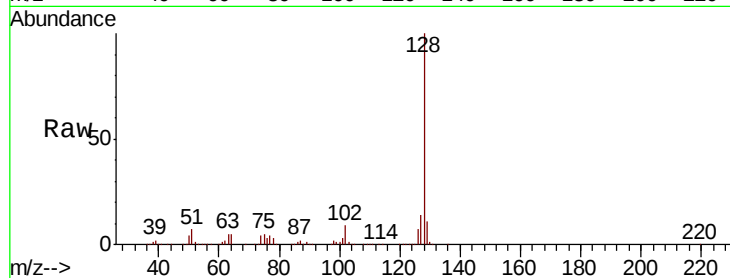
Tot Ion:128 Resp: 1266307

Ion Ratio Lower Upper

128 100

129 11.2 9.5 14.3

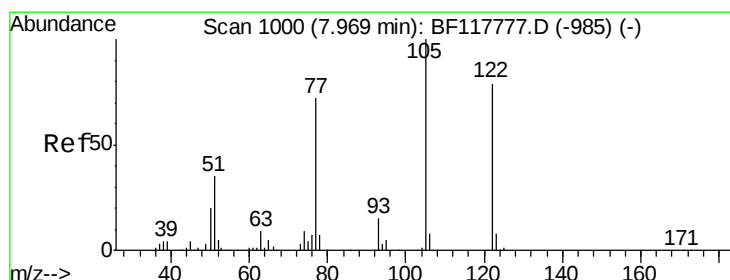
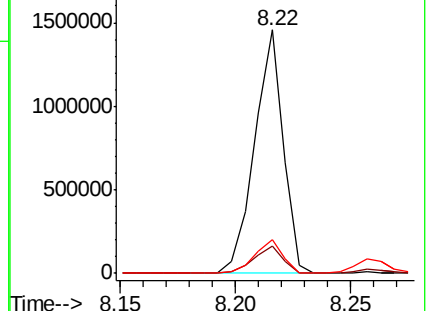
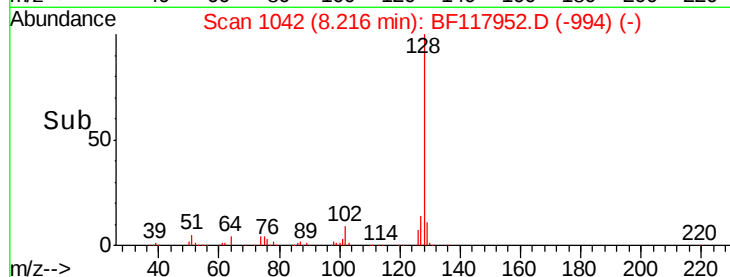
127 13.7 11.3 16.9



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: 41.526 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.01 min

Lab File: BF117952.D

Acq: 23 Nov 2019 13:20

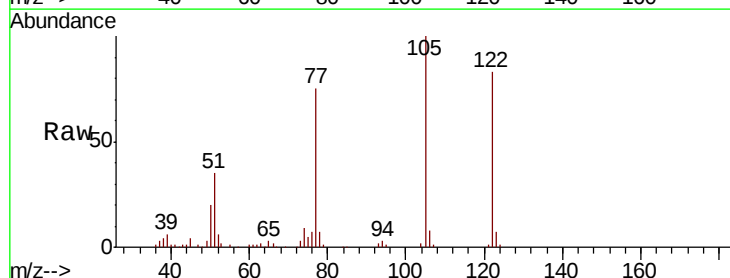
Tgt Ion:122 Resp: 260990

Ion Ratio Lower Upper

122 100

105 120.2 102.7 142.7

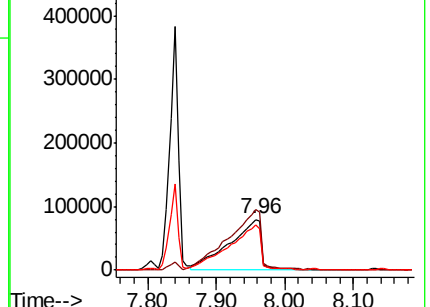
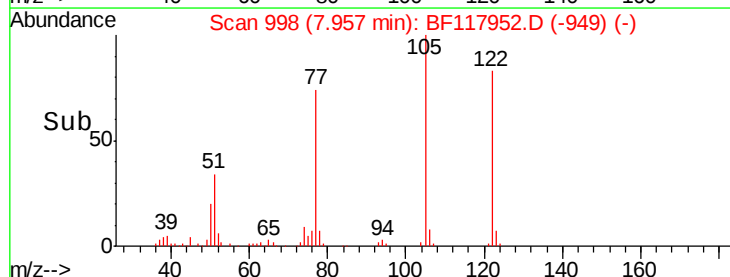
77 90.3 70.5 110.5

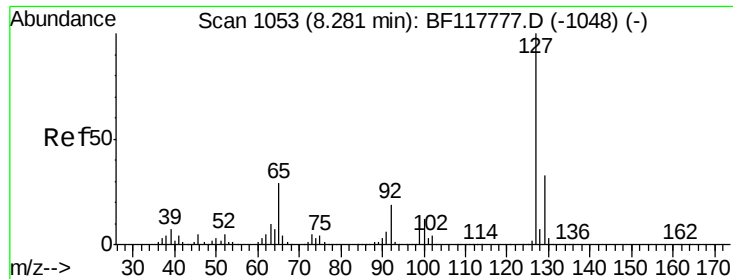


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

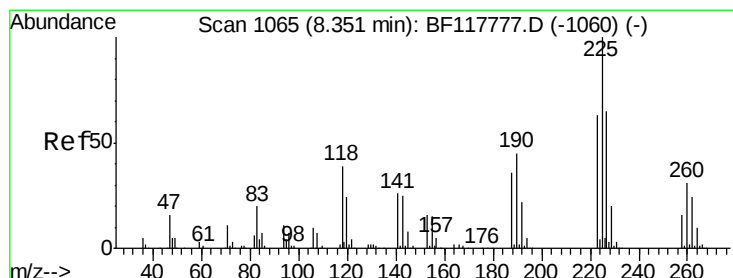
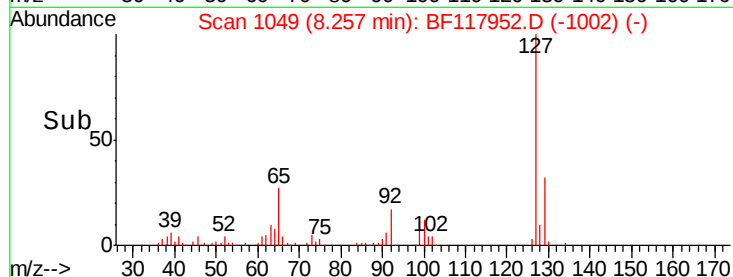
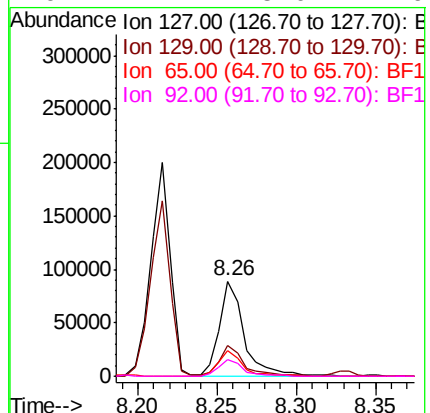
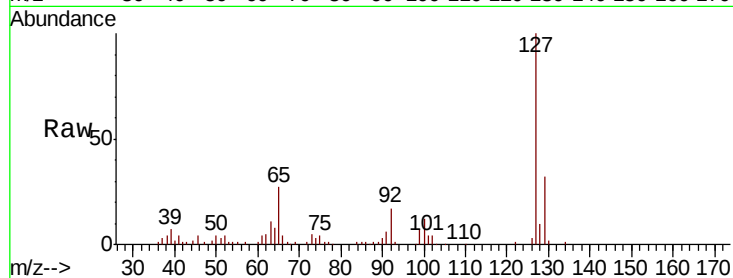




#33
 4-Chloroaniline
 Concen: 7.995 ng
 RT: 8.26 min Scan# 1049
 Delta R.T. -0.02 min
 Lab File: BF117952.D
 Acq: 23 Nov 2019 13:20

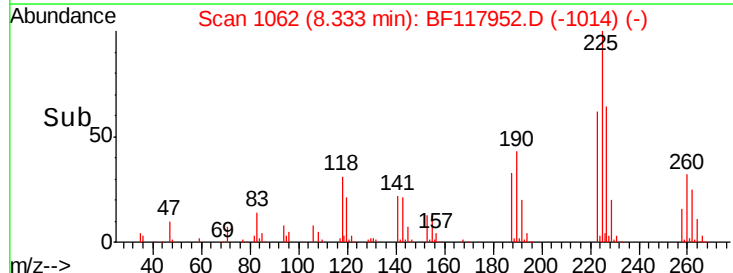
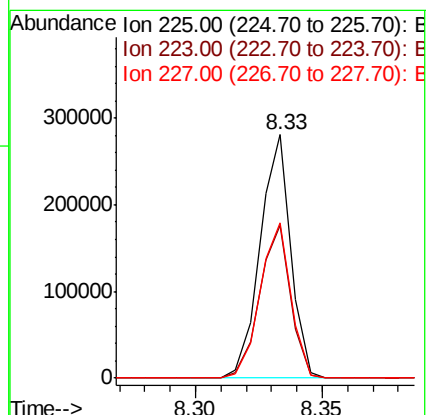
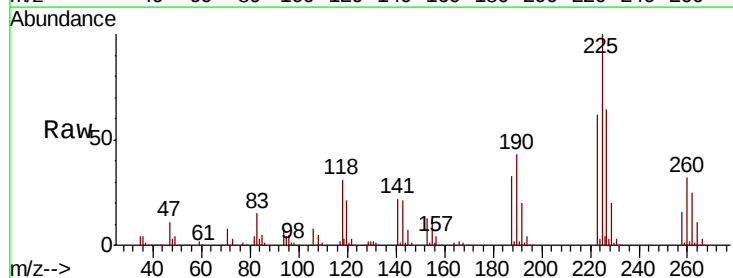
Instrument :
 BNA_F
 ClientSampleId :

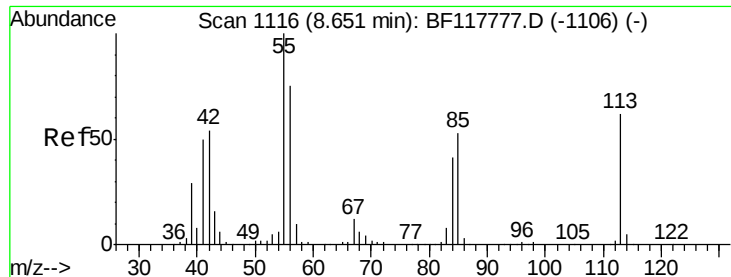
Tot Ion:	127	Resp:	95423
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.5	39.7
65	27.4	22.9	34.3
92	17.4	15.0	22.6



#34
 Hexachlorobutadiene
 Concen: 42.565 ng
 RT: 8.33 min Scan# 1062
 Delta R.T. -0.02 min
 Lab File: BF117952.D
 Acq: 23 Nov 2019 13:20

Tgt Ion:	225	Resp:	235037
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.0	75.0
227	63.8	51.8	77.6

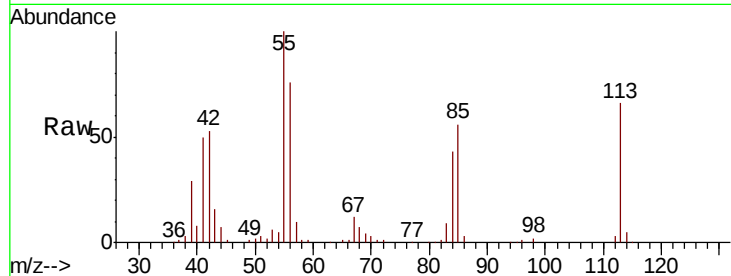




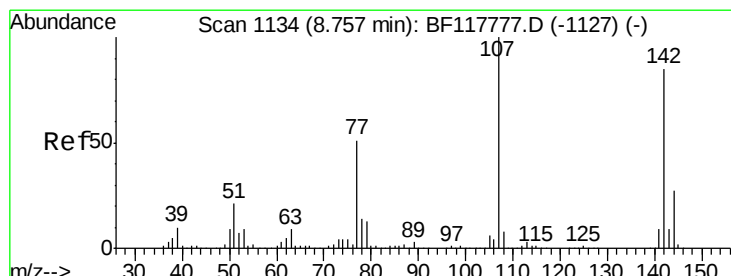
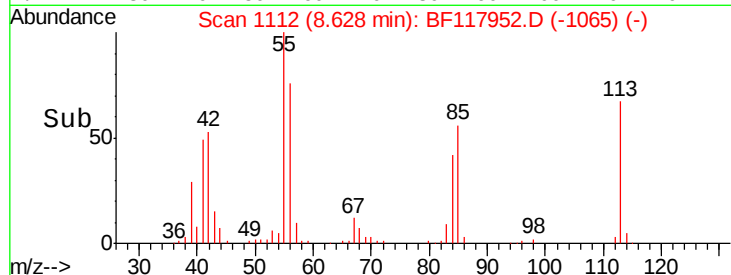
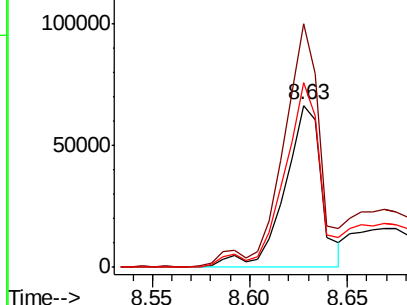
#35
 Caprolactam
 Concen: 33.661 ng
 RT: 8.63 min Scan# 1112
 Delta R.T. -0.02 min
 Lab File: BF117952.D
 Acq: 23 Nov 2019 13:20

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 87105
 Ion Ratio Lower Upper
 113 100
 55 150.4 141.1 181.1
 56 114.2 100.5 140.5

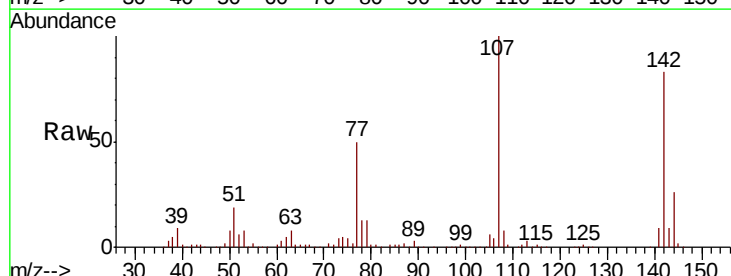


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

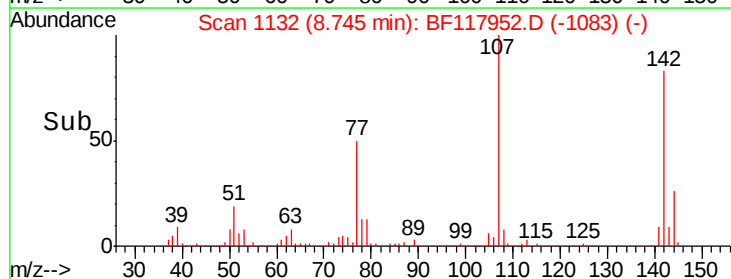
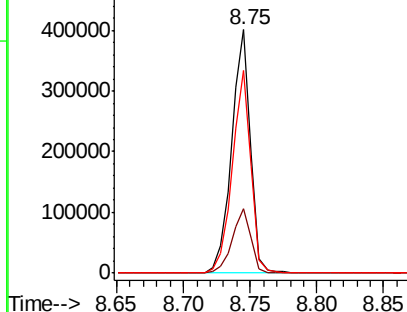


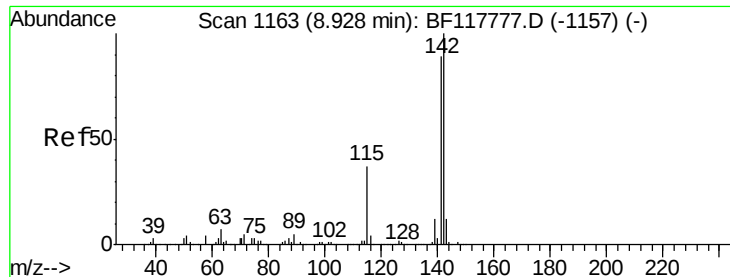
#36
 4-Chloro-3-methylphenol
 Concen: 48.204 ng
 RT: 8.75 min Scan# 1132
 Delta R.T. -0.01 min
 Lab File: BF117952.D
 Acq: 23 Nov 2019 13:20

Tgt Ion:107 Resp: 398319
 Ion Ratio Lower Upper
 107 100
 144 26.3 21.9 32.9
 142 83.0 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

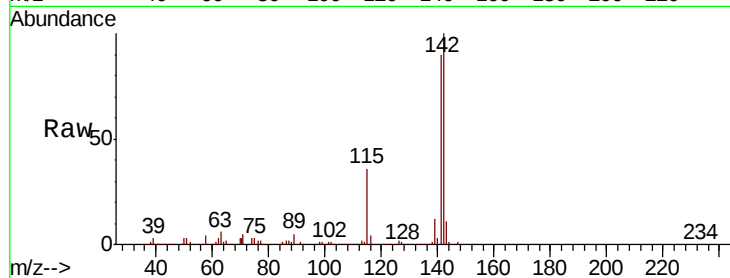




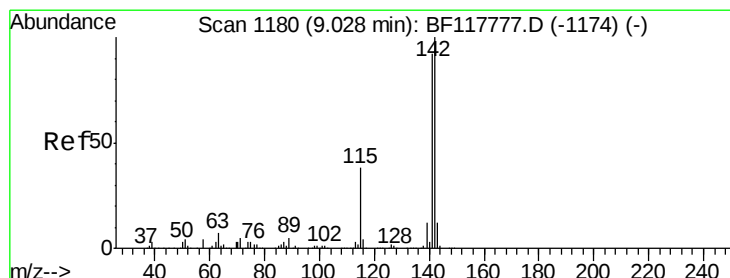
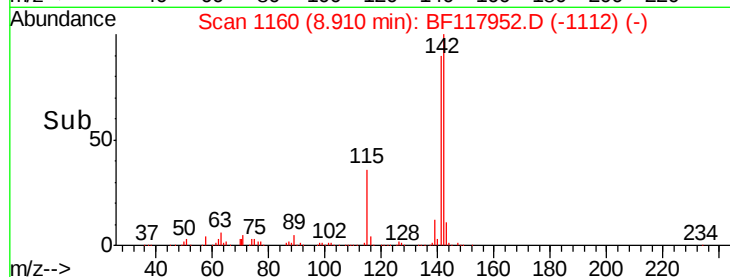
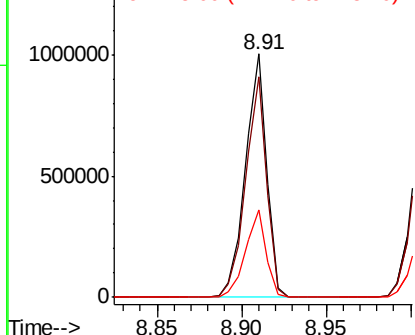
#37
2-Methylnaphthalene
Concen: 49.075 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.02 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 884043
Ion Ratio Lower Upper
142 100
141 90.4 71.1 106.7
115 36.0 29.2 43.8

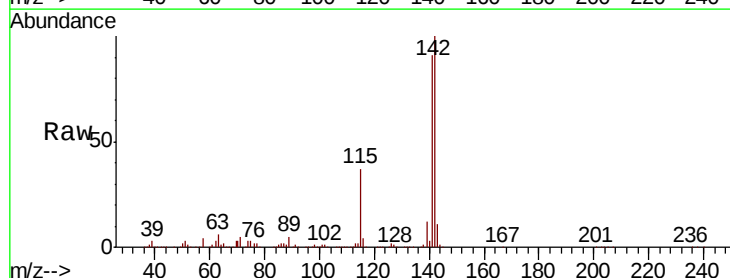


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

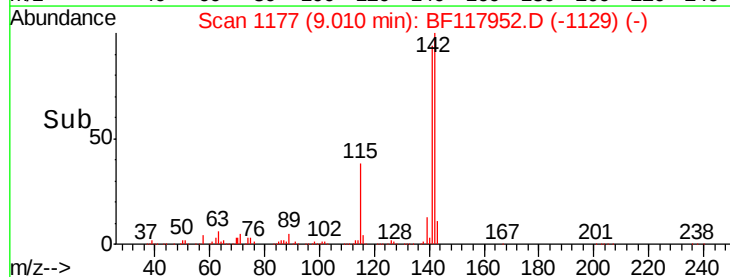
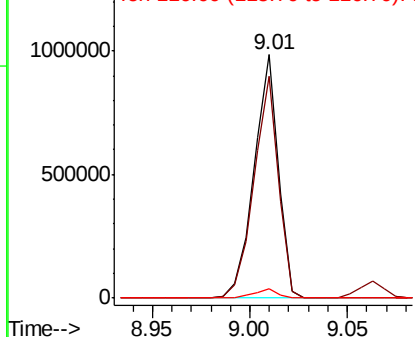


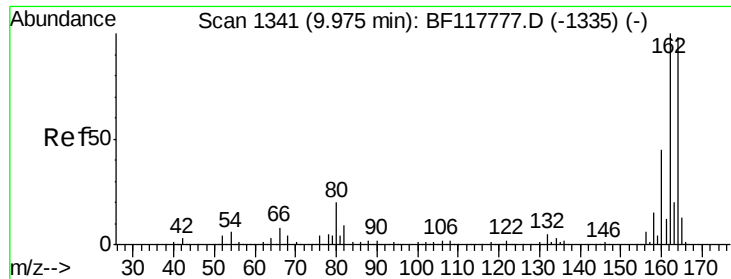
#38
1-Methylnaphthalene
Concen: 49.716 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.02 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Tgt Ion:142 Resp: 846676
Ion Ratio Lower Upper
142 100
141 91.0 73.5 110.3
116 3.7 3.2 4.8



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.02 min

Lab File: BF117952.D

Acq: 23 Nov 2019 13:20

Instrument :

BNA_F

ClientSampleId :

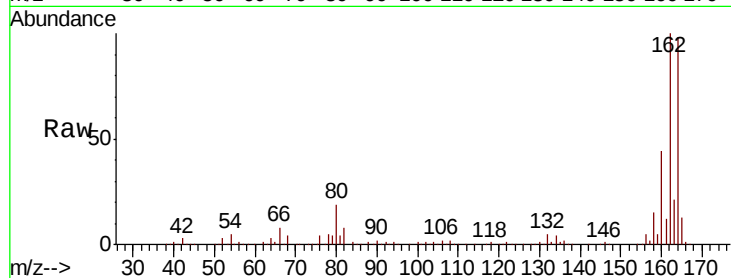
Tot Ion:164 Resp: 300875

Ion Ratio Lower Upper

164 100

162 101.8 81.3 121.9

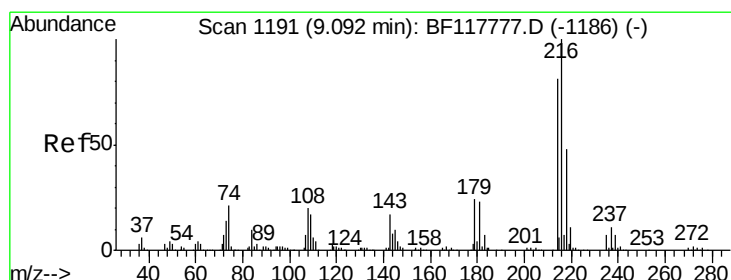
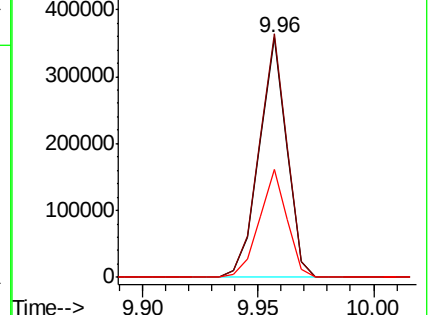
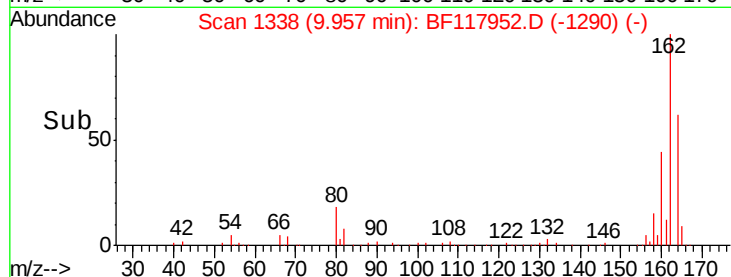
160 45.1 36.6 55.0



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: 45.436 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.02 min

Lab File: BF117952.D

Acq: 23 Nov 2019 13:20

Tgt Ion:216 Resp: 397011

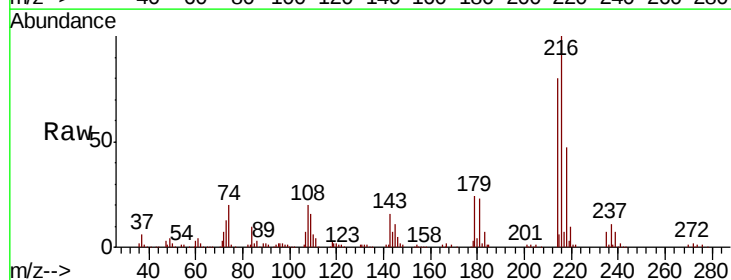
Ion Ratio Lower Upper

216 100

214 79.0 63.4 95.0

179 22.6 18.2 27.4

108 21.6 16.0 24.0

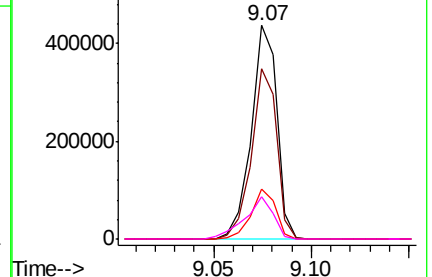
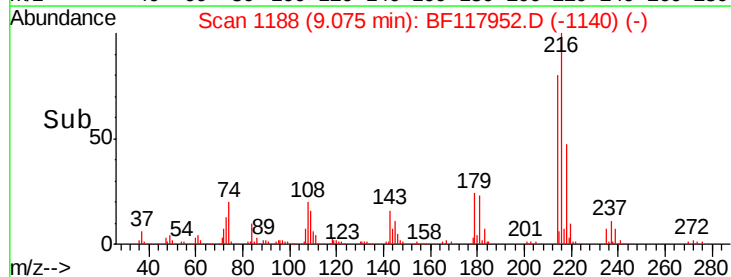


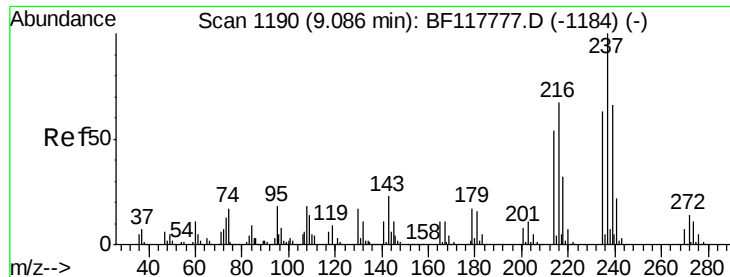
Abundance Ion 216.00 (215.70 to 216.70): E

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: 103.651 ng

RT: 9.06 min Scan# 1186

Delta R.T. -0.02 min

Lab File: BF117952.D

Acq: 23 Nov 2019 13:20

Instrument :

BNA_F

ClientSampleId :

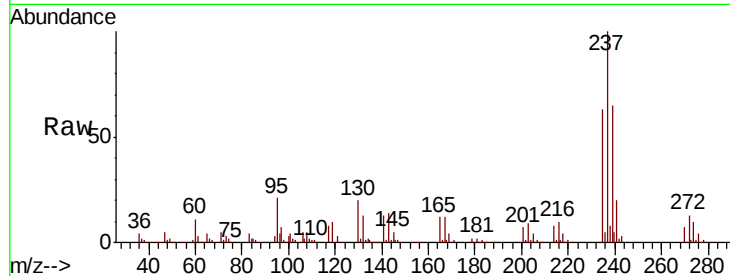
Tot Ion:237 Resp: 507541

Ion Ratio Lower Upper

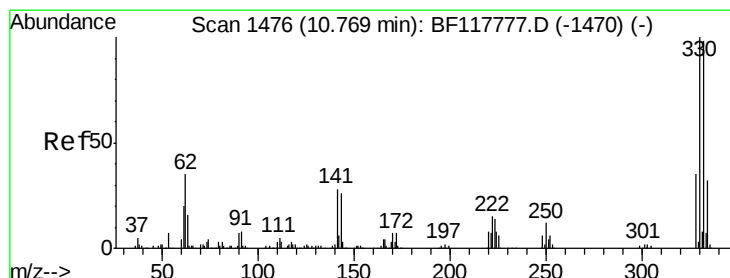
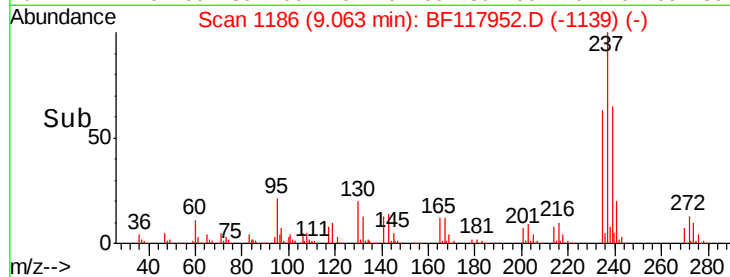
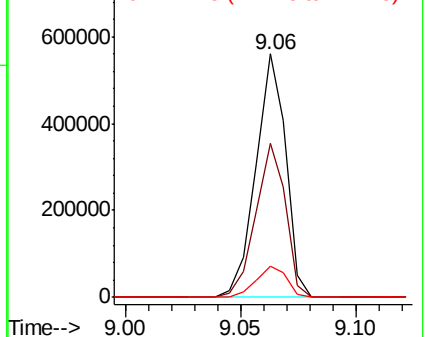
237 100

235 63.0 42.6 82.6

272 12.8 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: 128.627 ng

RT: 10.75 min Scan# 1473

Delta R.T. -0.02 min

Lab File: BF117952.D

Acq: 23 Nov 2019 13:20

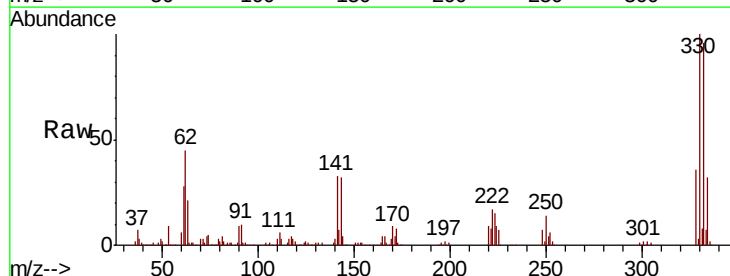
Tgt Ion:330 Resp: 409719

Ion Ratio Lower Upper

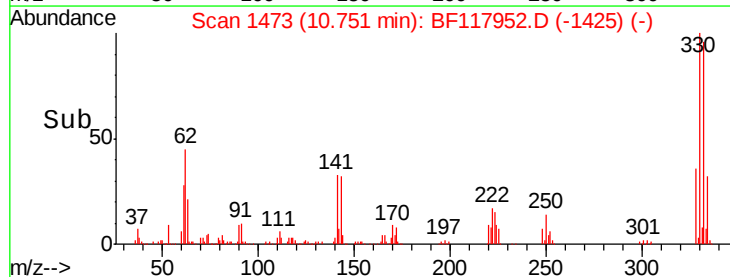
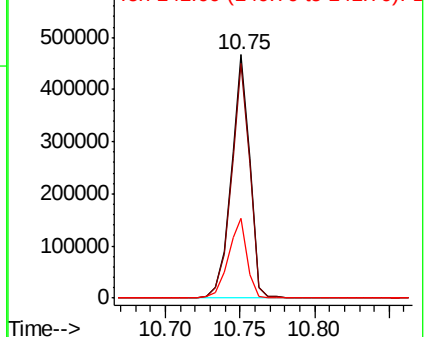
330 100

332 96.4 76.7 115.1

141 33.2 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

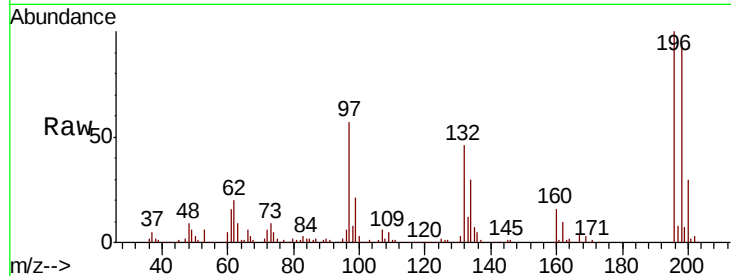




#43
 2,4,6-Trichlorophenol
 Concen: 46.084 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF117952.D
 Acq: 23 Nov 2019 13:20

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	288417
Ion Ratio	Lower	Upper	
196	100		
198	94.3	77.8	116.6
200	30.1	25.4	38.0

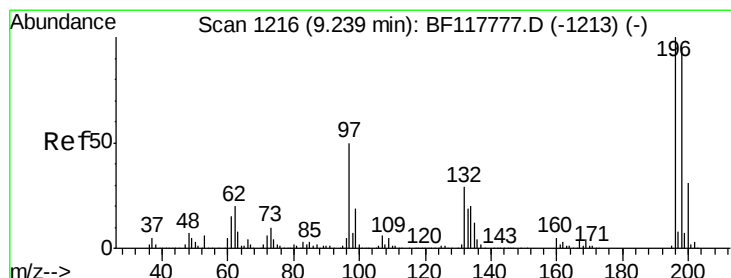
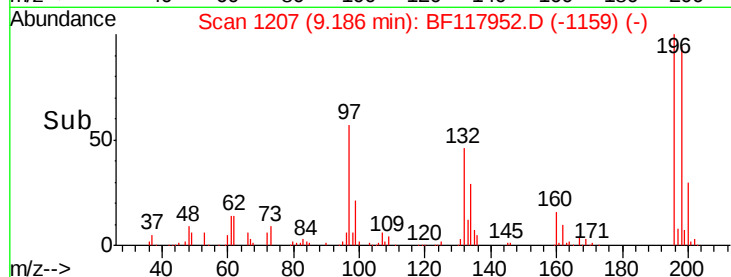
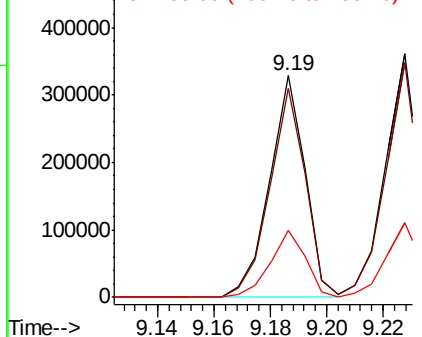


Abundance

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: 47.361 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF117952.D
 Acq: 23 Nov 2019 13:20

Tgt Ion	196	Resp	307755
Ion Ratio	Lower	Upper	
196	100		
198	96.1	76.3	114.5
97	48.3	40.0	60.0
132	29.0	23.6	35.4

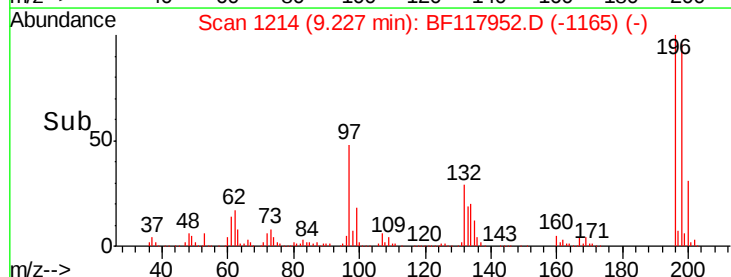
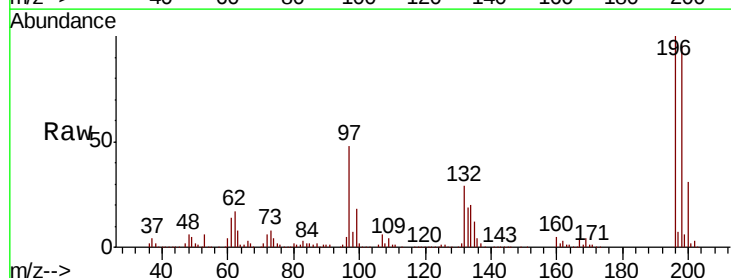
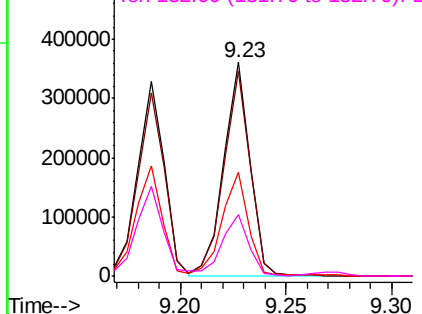
Abundance

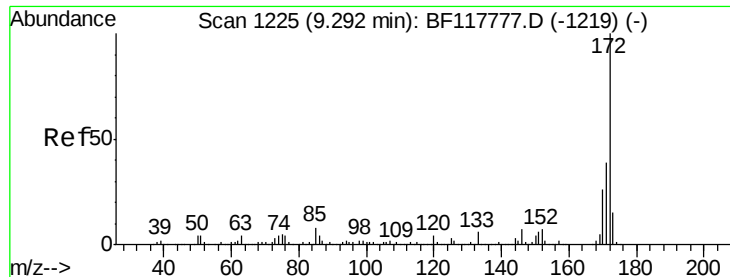
Ion 196.00 (195.70 to 196.70): E

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

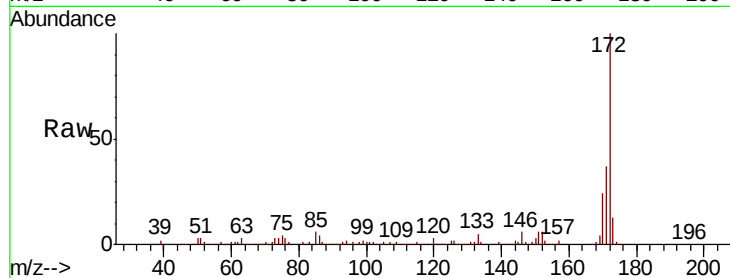




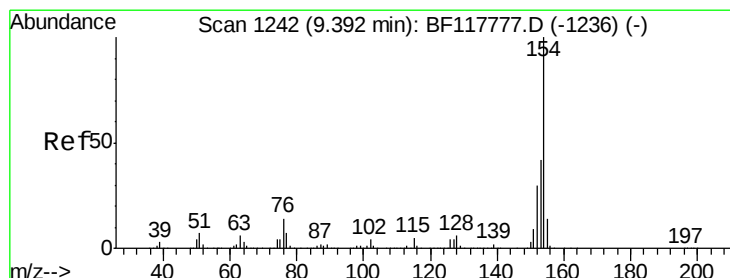
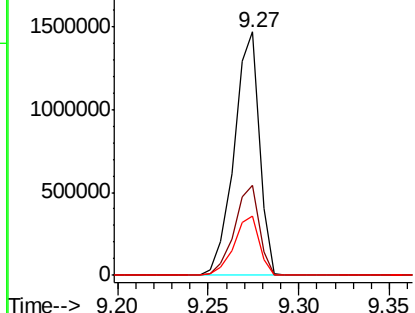
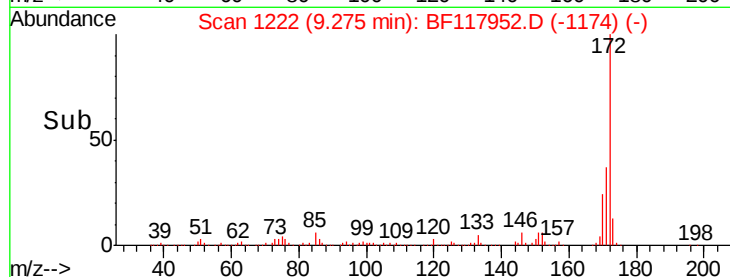
#45
2-Fluorobiphenyl
Concen: 84.792 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.02 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1422028
Ion Ratio Lower Upper
172 100
171 36.8 30.9 46.3
170 24.4 21.0 31.4

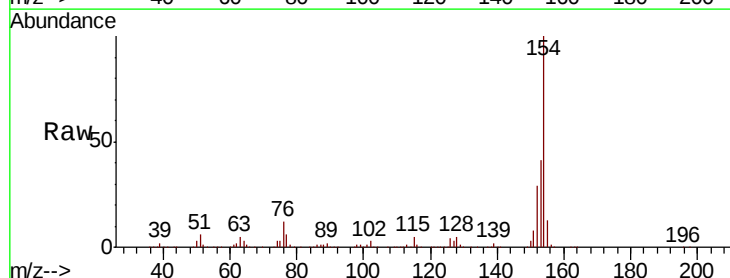


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

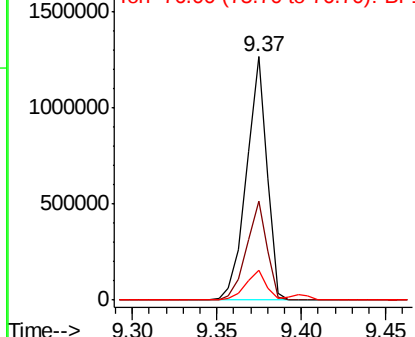
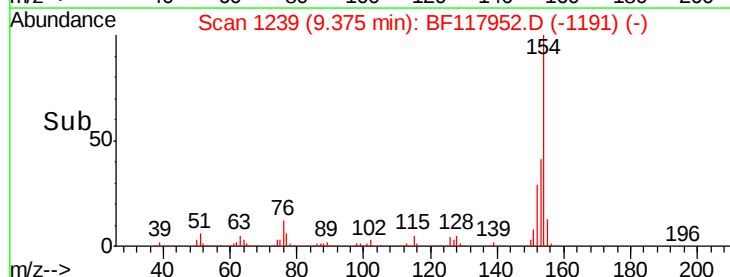


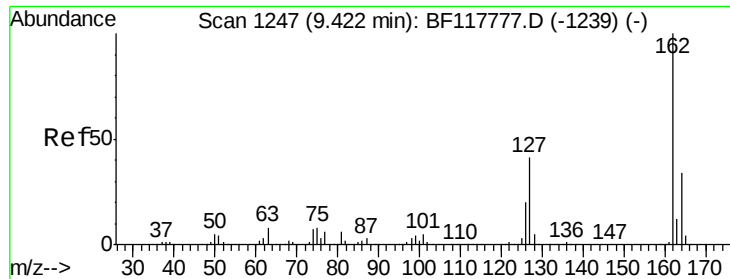
#46
1,1'-Biphenyl
Concen: 48.192 ng
RT: 9.37 min Scan# 1239
Delta R.T. -0.02 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Tgt Ion:154 Resp: 1075751
Ion Ratio Lower Upper
154 100
153 40.8 21.9 61.9
76 12.1 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

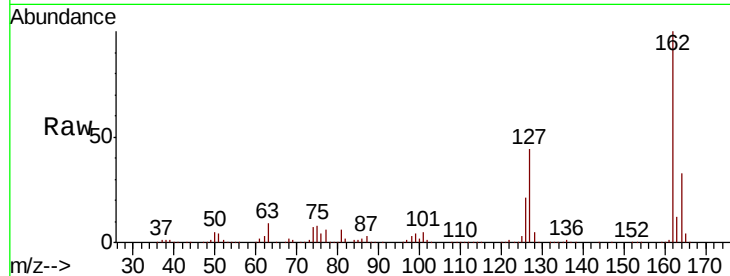




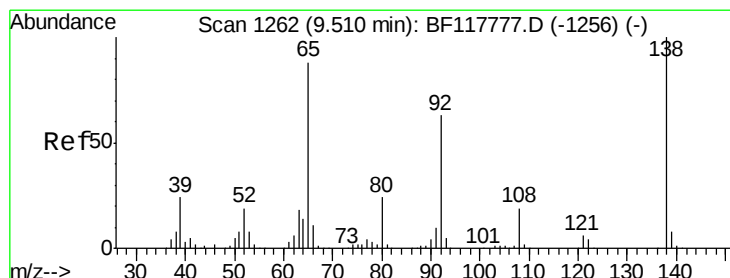
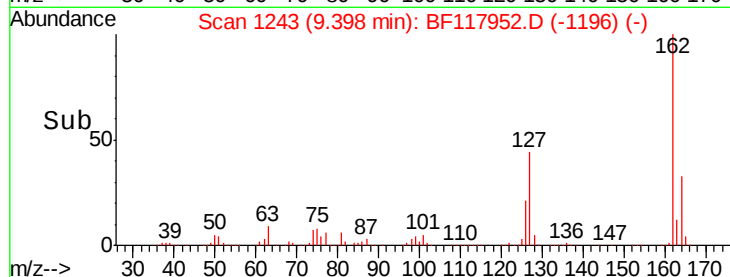
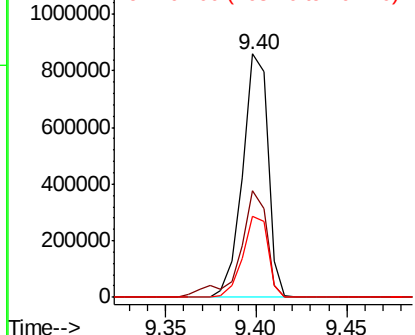
#47
 2-Chloronaphthalene
 Concen: 45.590 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. -0.02 min
 Lab File: BF117952.D
 Acq: 23 Nov 2019 13:20

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 837180
 Ion Ratio Lower Upper
 162 100
 127 43.6 33.2 49.8
 164 33.3 27.3 40.9

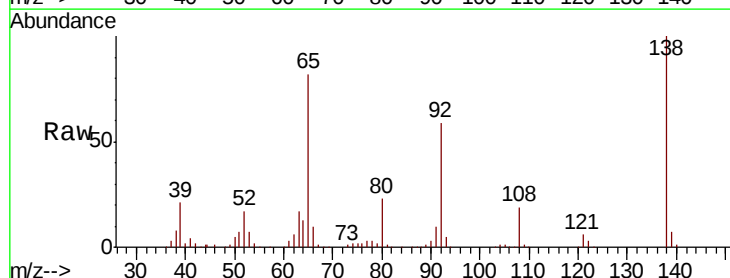


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

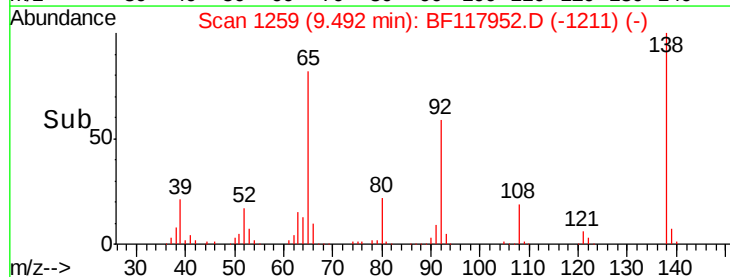
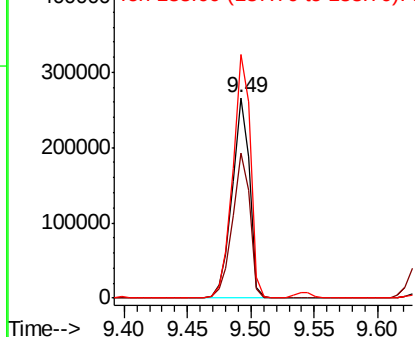


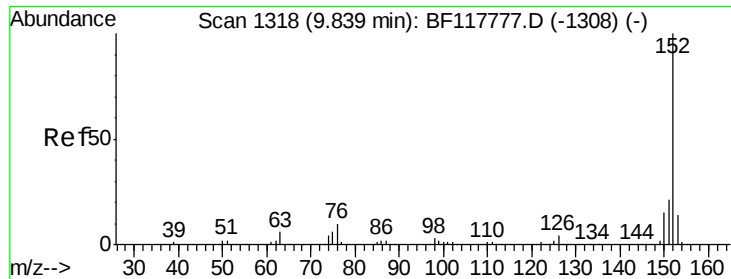
#48
 2-Nitroaniline
 Concen: 45.170 ng
 RT: 9.49 min Scan# 1259
 Delta R.T. -0.02 min
 Lab File: BF117952.D
 Acq: 23 Nov 2019 13:20

Tgt Ion: 65 Resp: 250420
 Ion Ratio Lower Upper
 65 100
 92 72.1 56.6 84.8
 138 121.3 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: 49.341 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.02 min

Lab File: BF117952.D

Acq: 23 Nov 2019 13:20

Instrument :

BNA_F

ClientSampleId :

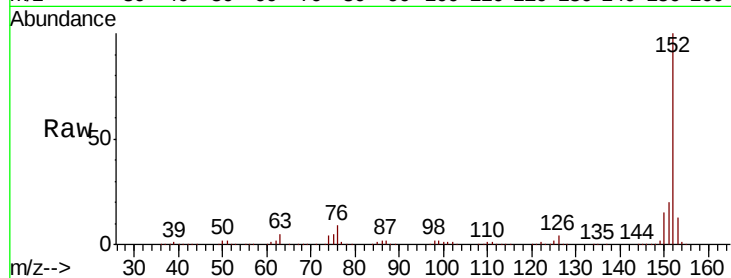
Tot Ion:152 Resp: 1320990

Ion Ratio Lower Upper

152 100

151 20.4 17.0 25.6

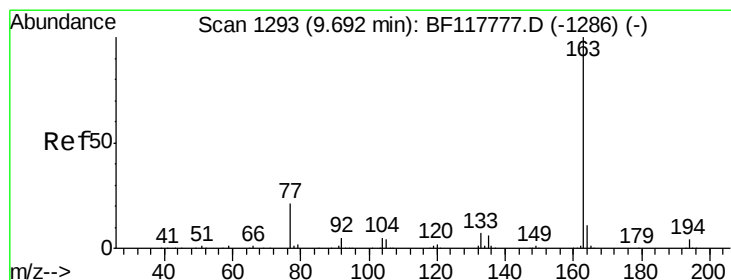
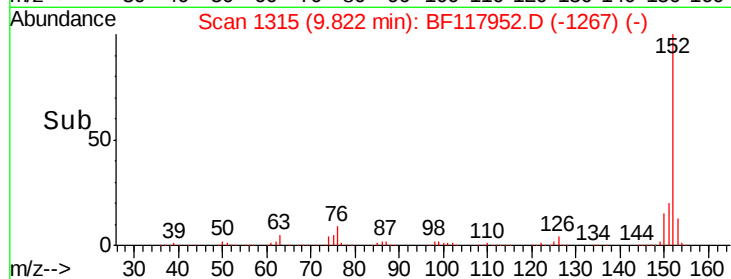
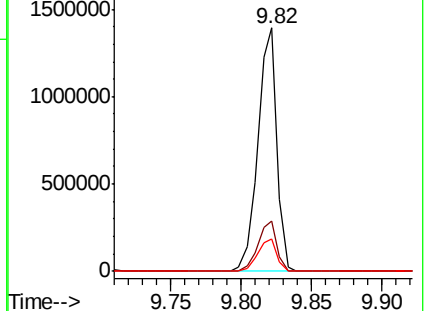
153 13.3 11.0 16.6



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: 58.977 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BF117952.D

Acq: 23 Nov 2019 13:20

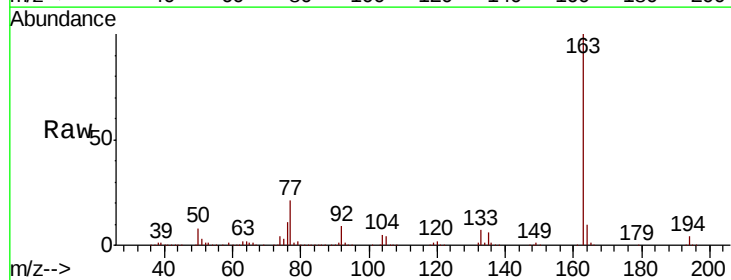
Tgt Ion:163 Resp: 1244329

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

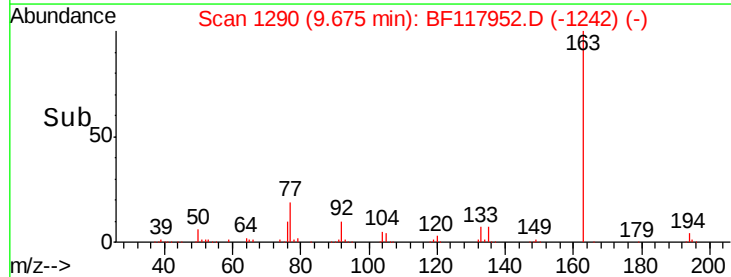
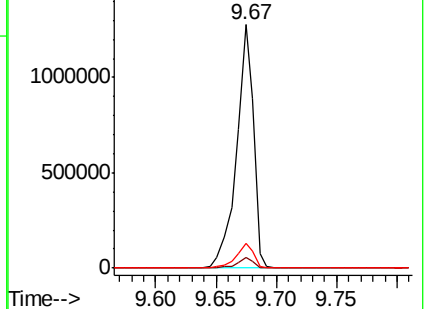
164 10.2 8.7 13.1

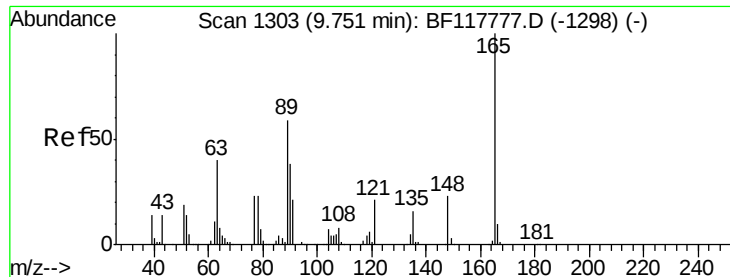


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

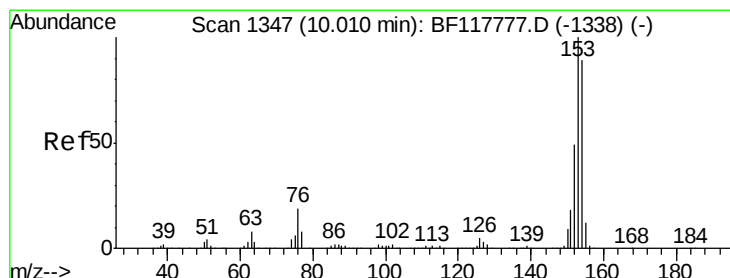
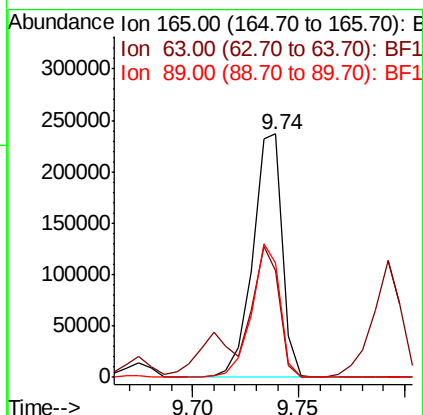
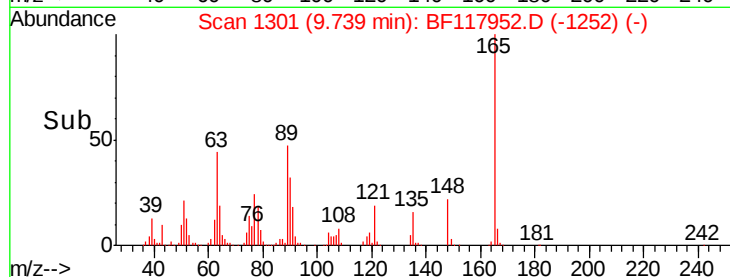
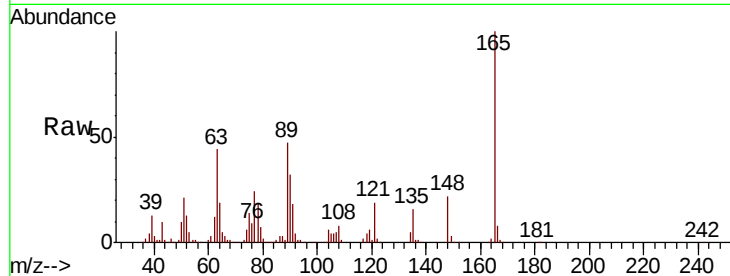




#51
2,6-Dinitrotoluene
Concen: 49.770 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

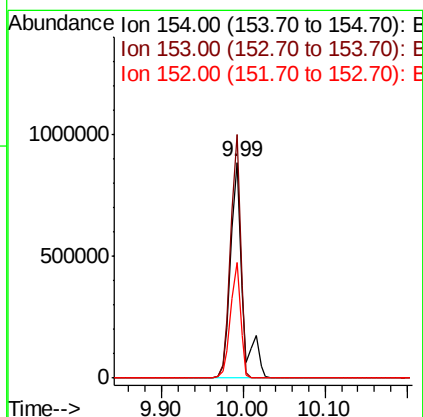
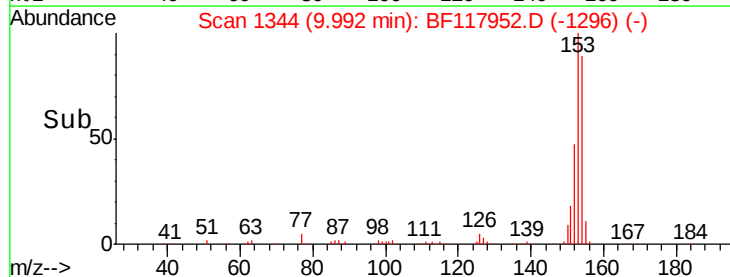
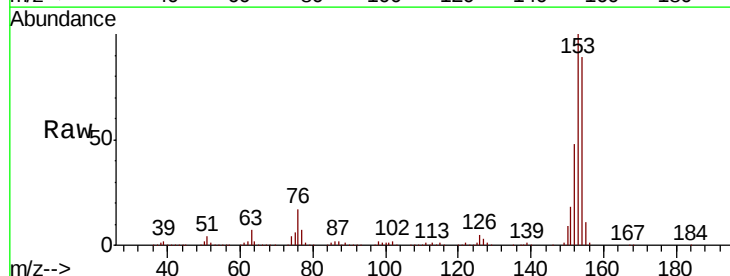
Instrument :
BNA_F
ClientSampleId :

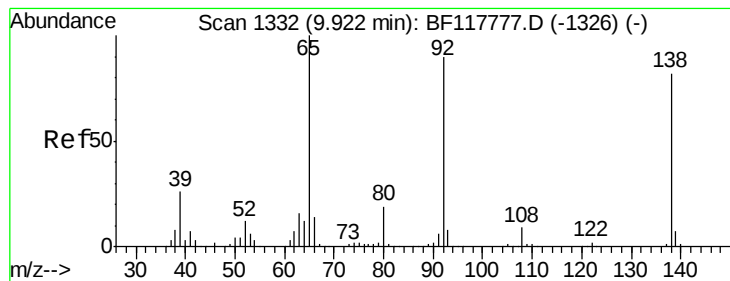
Tot Ion:165 Resp: 229498
Ion Ratio Lower Upper
165 100
63 43.9 46.0 69.0#
89 47.1 47.7 71.5#



#52
Acenaphthene
Concen: 52.802 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.02 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Tgt Ion:154 Resp: 905587
Ion Ratio Lower Upper
154 100
153 112.7 90.1 135.1
152 53.7 44.0 66.0





#53

3-Nitroaniline

Concen: 15.822 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.02 min

Lab File: BF117952.D

Acq: 23 Nov 2019 13:20

Instrument :

BNA_F

ClientSampled :

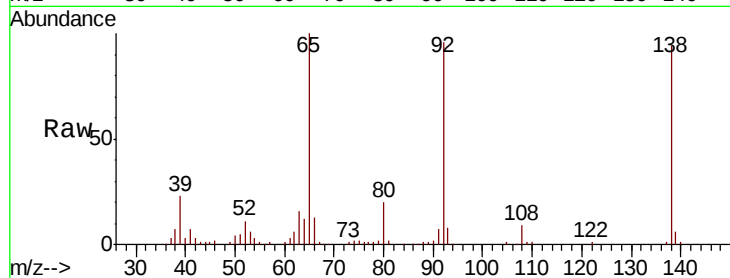
Tot Ion:138 Resp: 87301

Ion Ratio Lower Upper

138 100

108 10.0 8.6 12.8

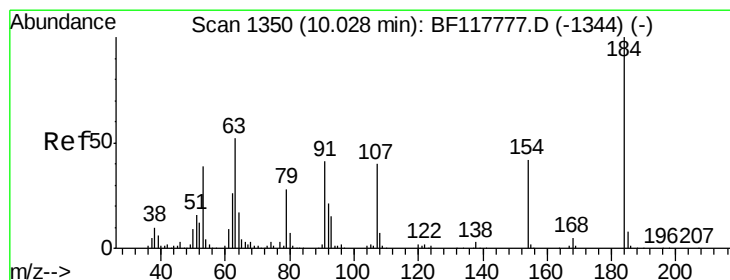
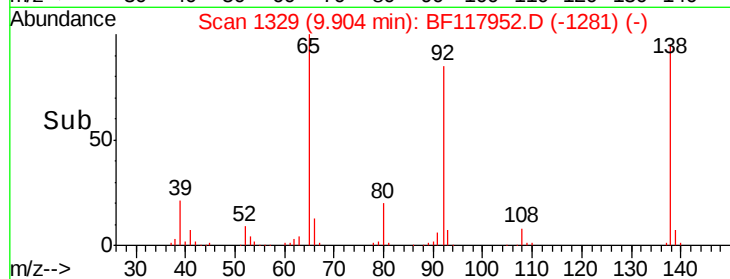
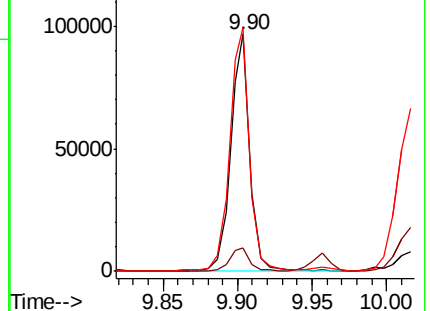
92 102.9 87.9 131.9



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: 98.864 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF117952.D

Acq: 23 Nov 2019 13:20

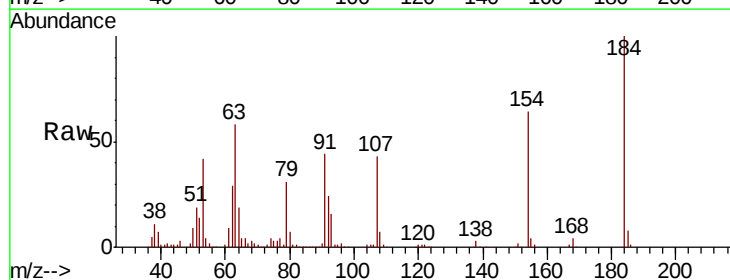
Tgt Ion:184 Resp: 238675

Ion Ratio Lower Upper

184 100

63 58.2 43.0 64.6

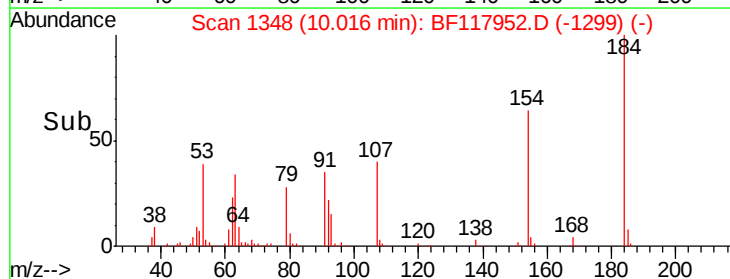
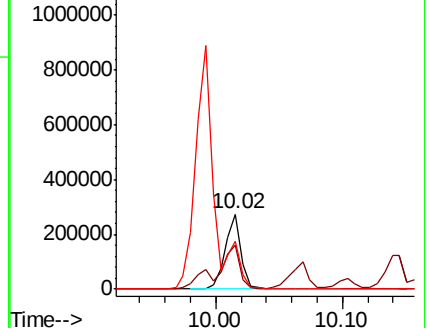
154 63.8 48.0 72.0



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

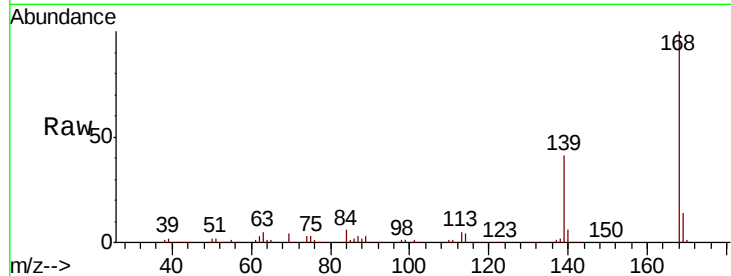




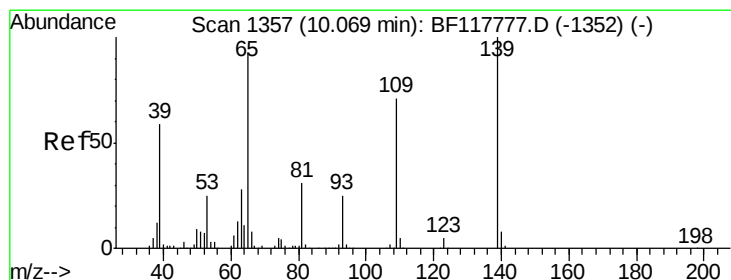
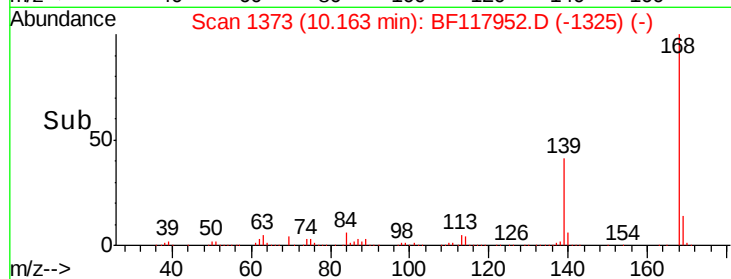
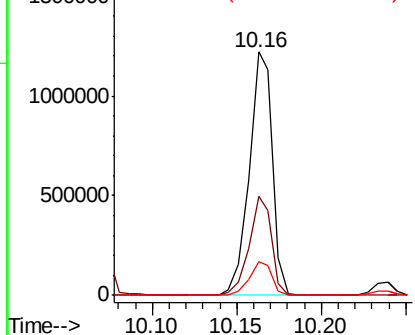
#55
Dibenzenofuran
Concen: 49.207 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.02 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1168645
Ion Ratio Lower Upper
168 100
139 40.5 33.0 49.6
169 13.8 11.5 17.3

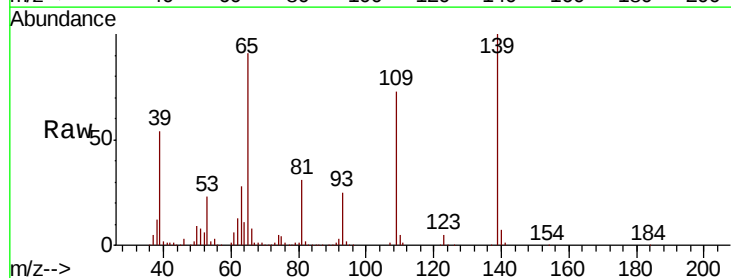


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

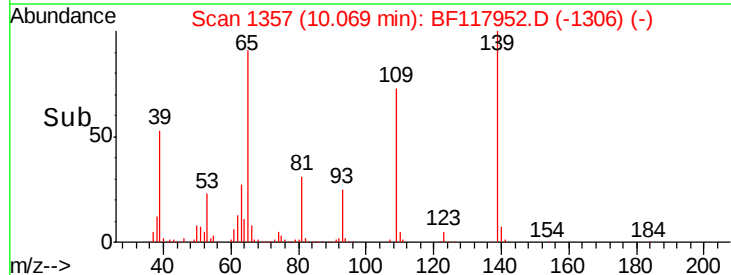
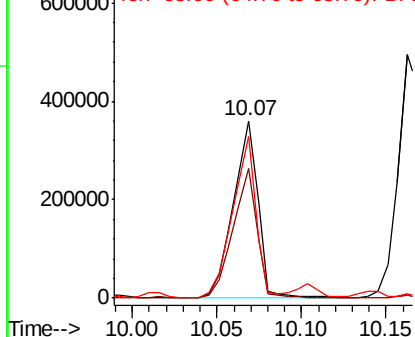


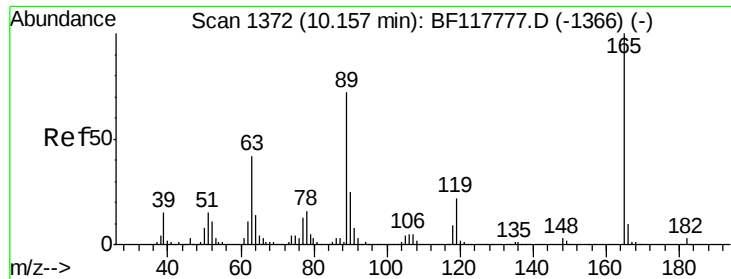
#56
4-Nitrophenol
Concen: 88.783 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Tgt Ion:139 Resp: 365658
Ion Ratio Lower Upper
139 100
109 73.3 50.8 90.8
65 90.9 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

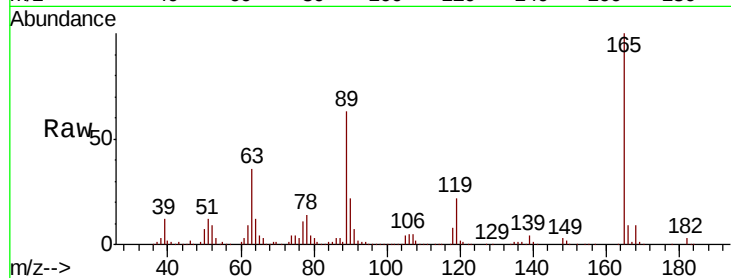




#57
2,4-Dinitrotoluene
Concen: 52.374 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	36.4	33.7	50.5
89	63.1	57.3	85.9
182	3.0	2.3	3.5



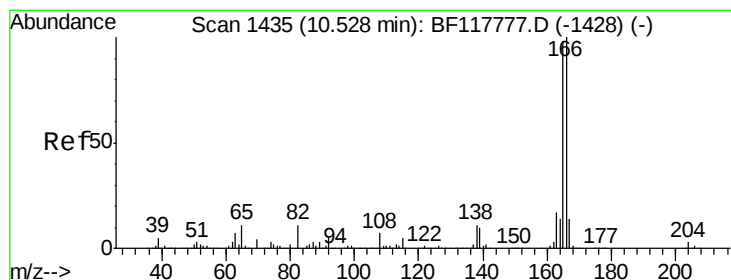
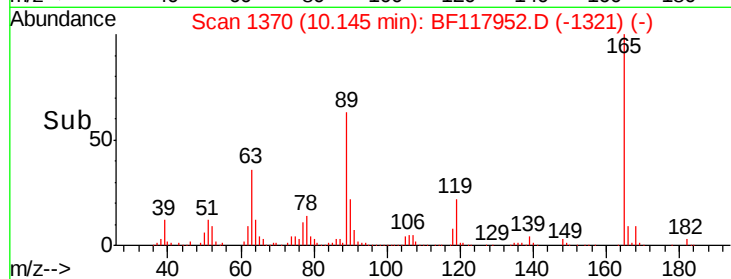
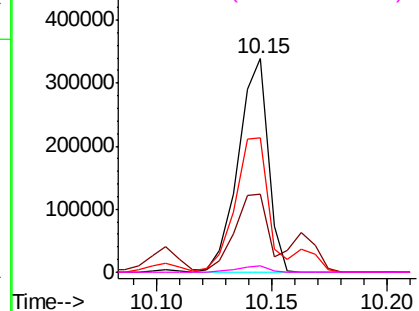
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

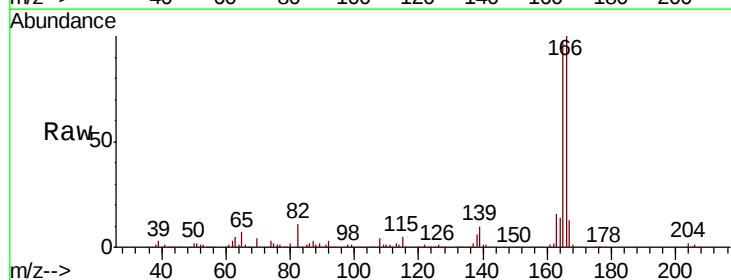
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 47.089 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.02 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.5	78.4	117.6
167	13.4	11.0	16.4

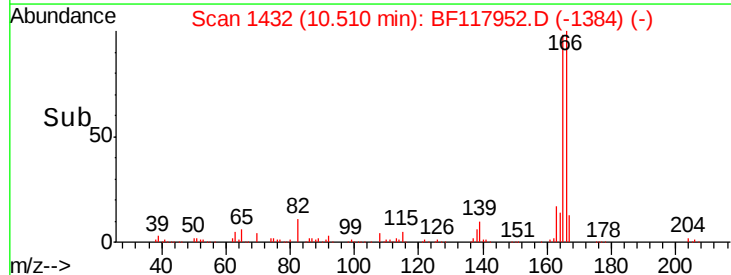
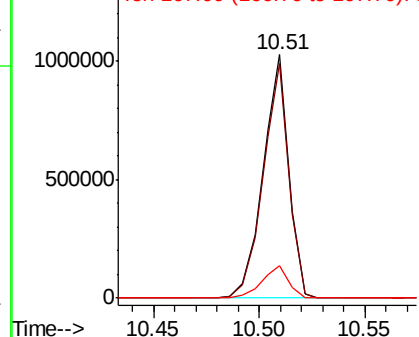


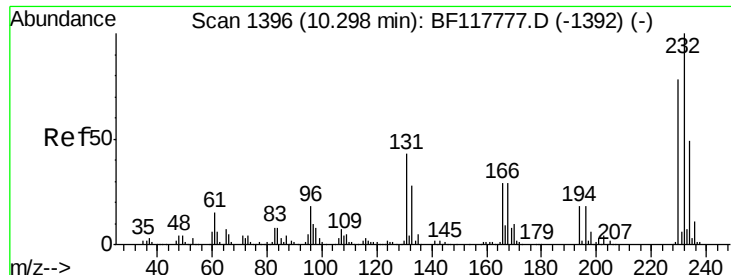
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

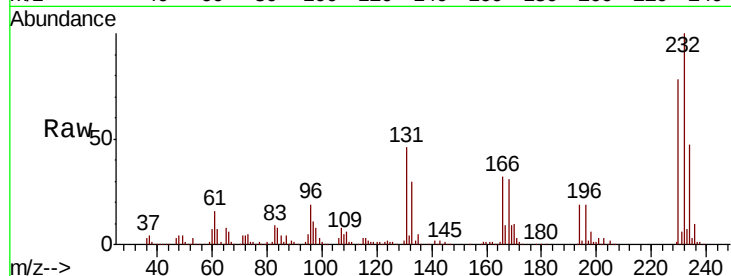




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.575 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.02 min
 Lab File: BF117952.D
 Acq: 23 Nov 2019 13:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.5	37.6	56.4
130	2.3	1.9	2.9
166	31.2	24.2	36.4



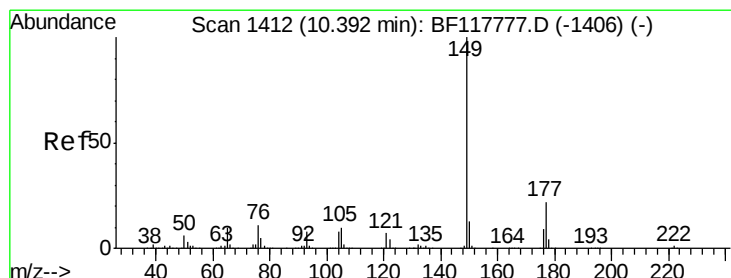
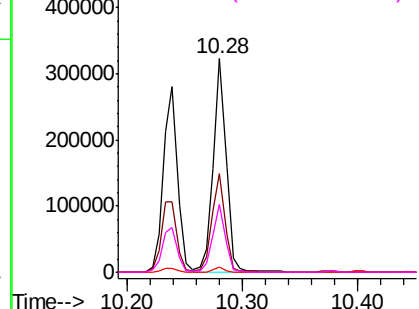
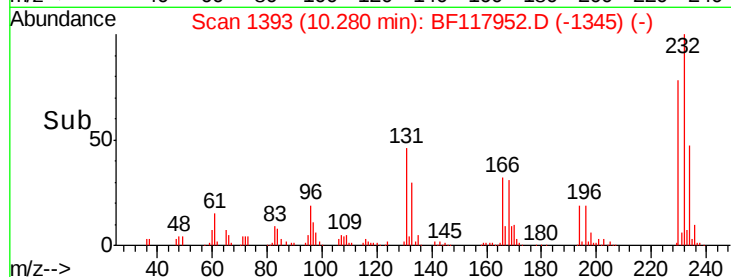
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

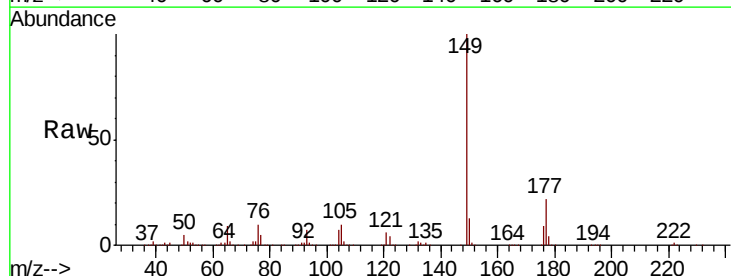
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 46.982 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.02 min
 Lab File: BF117952.D
 Acq: 23 Nov 2019 13:20

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.1	18.0	27.0
150	13.1	10.5	15.7

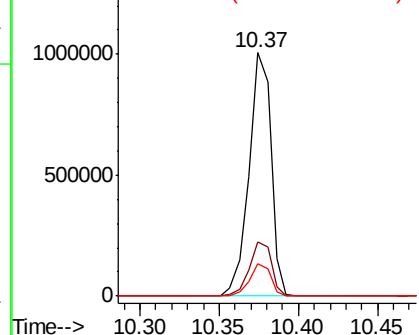
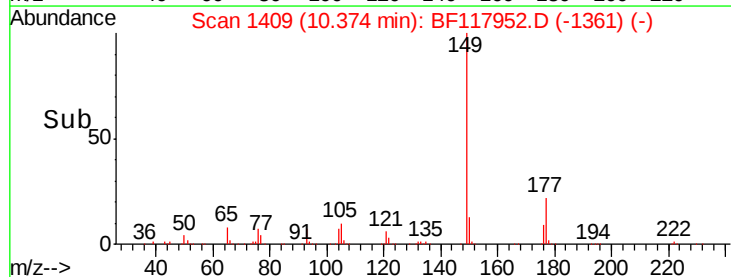


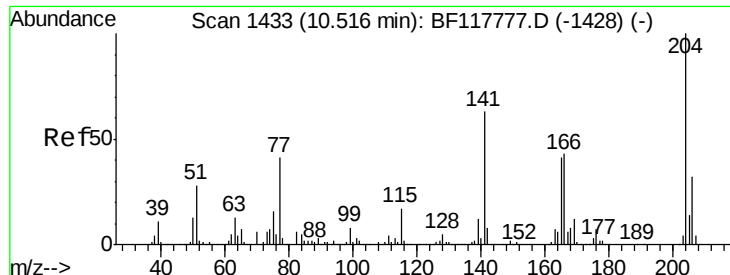
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

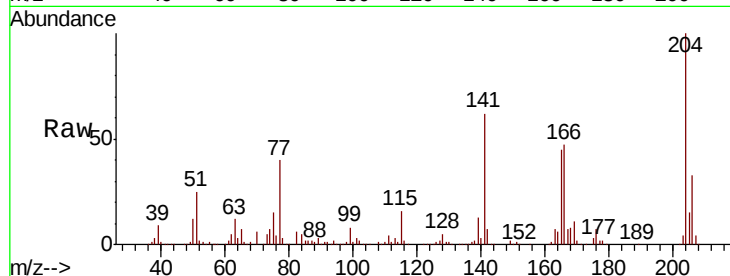




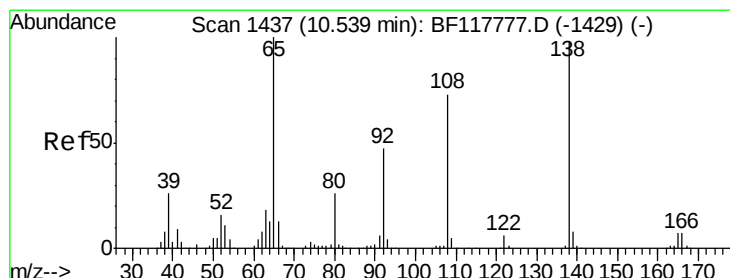
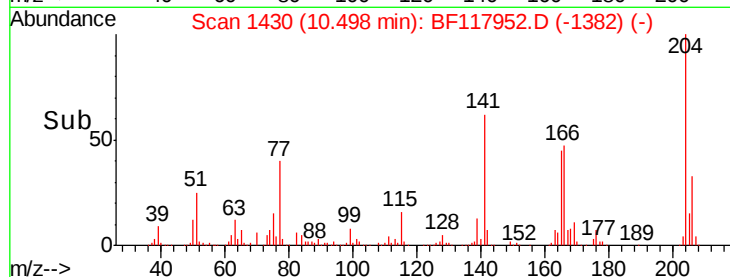
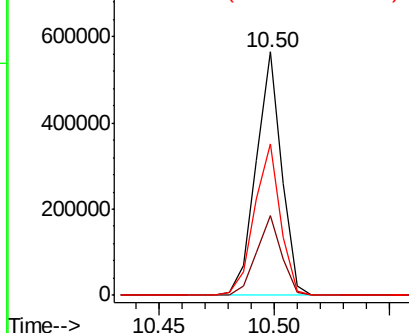
#61
4-Chlorophenyl-phenylether
Concen: 46.754 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 436669
Ion Ratio Lower Upper
204 100
206 32.7 25.6 38.4
141 62.2 50.7 76.1

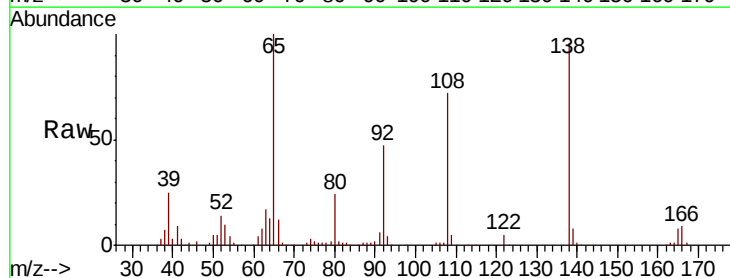


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

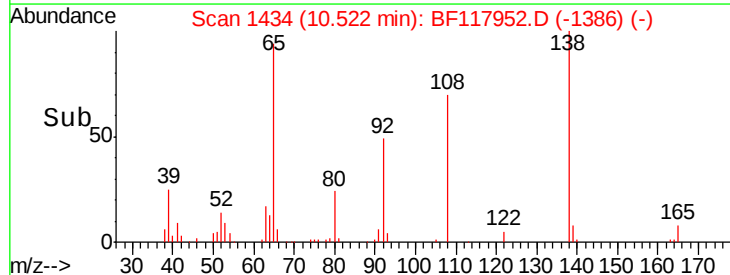
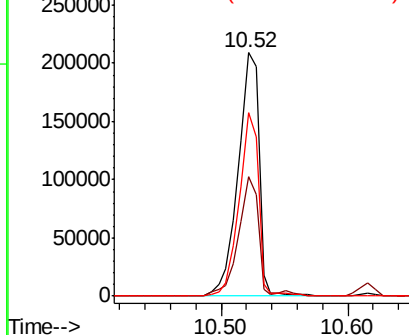


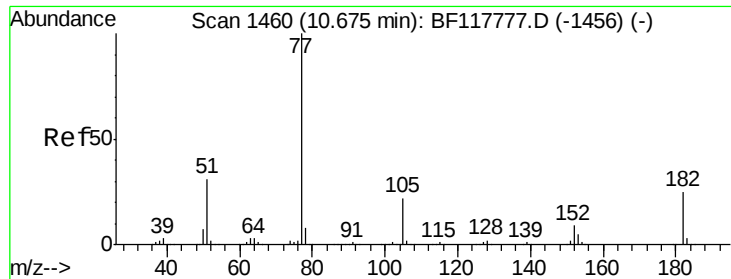
#62
4-Nitroaniline
Concen: 43.110 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.02 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Tgt Ion:138 Resp: 238164
Ion Ratio Lower Upper
138 100
92 49.0 28.3 68.3
108 75.1 54.3 94.3



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

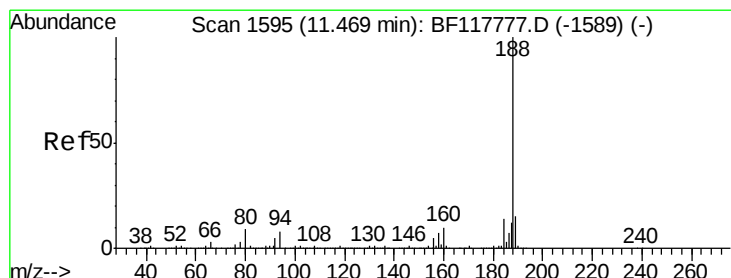
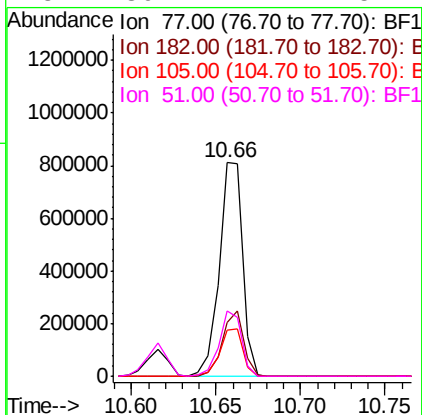
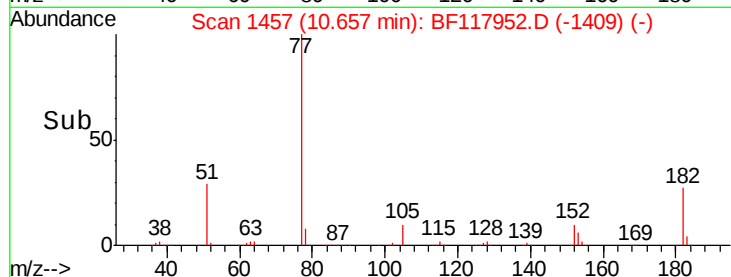
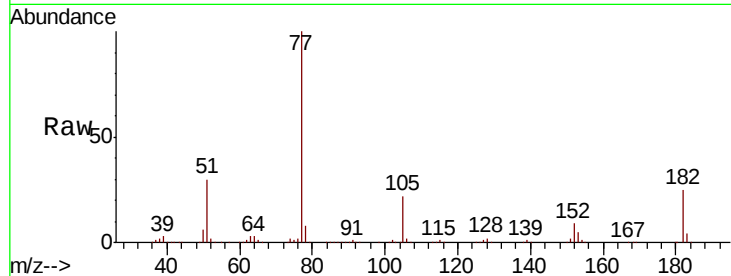




#63
Azobenzene
Concen: 41.878 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.02 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

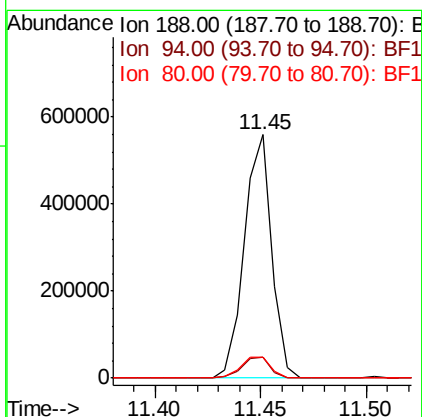
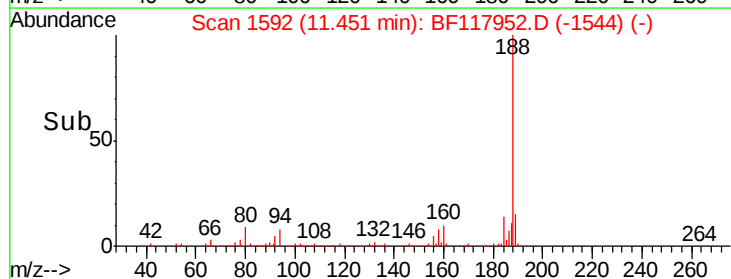
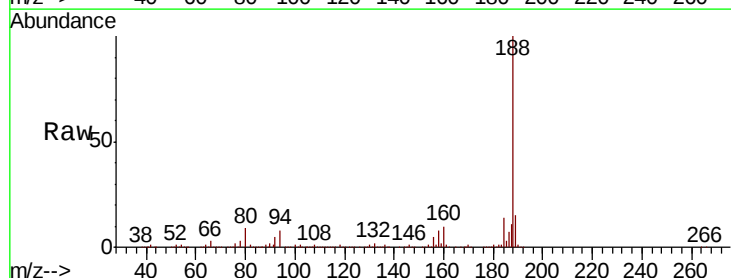
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	783687
Ion	Ratio	Lower	Upper
77	100		
182	25.2	4.8	44.8
105	21.7	2.1	42.1
51	30.4	11.4	51.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.02 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Tgt Ion:	188	Resp:	502628
Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.6	10.0
80	8.7	7.2	10.8





#65

4,6-Dinitro-2-methylphenol

Concen: 70.494 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.02 min

Lab File: BF117952.D

Acq: 23 Nov 2019 13:20

Instrument :

BNA_F

ClientSampleId :

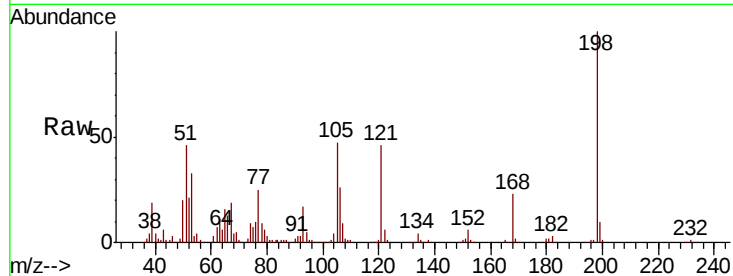
Tot Ion:198 Resp: 165410

Ion Ratio Lower Upper

198 100

51 46.0 16.0 56.0

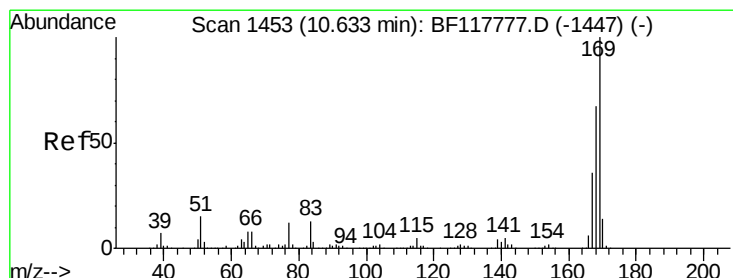
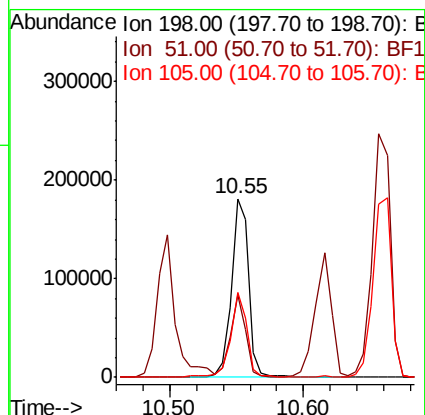
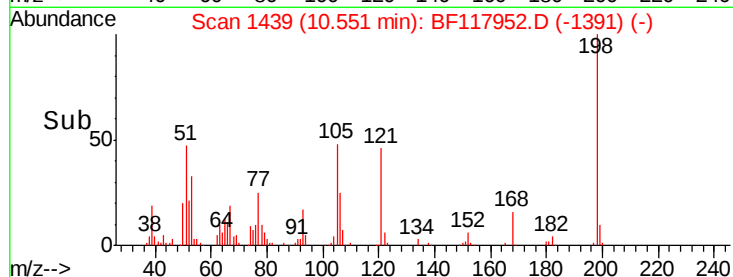
105 47.5 19.1 59.1



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: 55.708 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.02 min

Lab File: BF117952.D

Acq: 23 Nov 2019 13:20

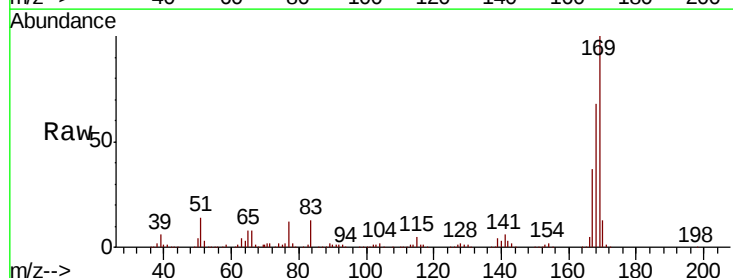
Tgt Ion:169 Resp: 814898

Ion Ratio Lower Upper

169 100

168 67.6 53.5 80.3

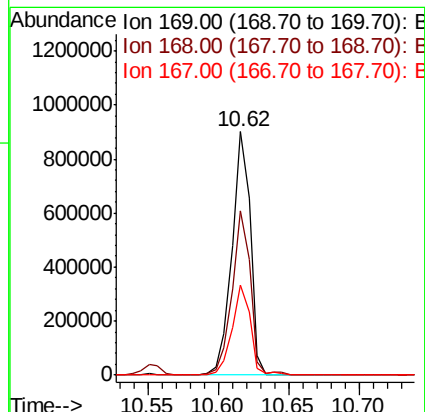
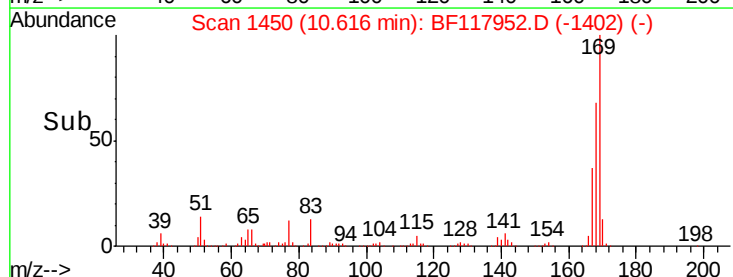
167 37.2 29.0 43.4



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

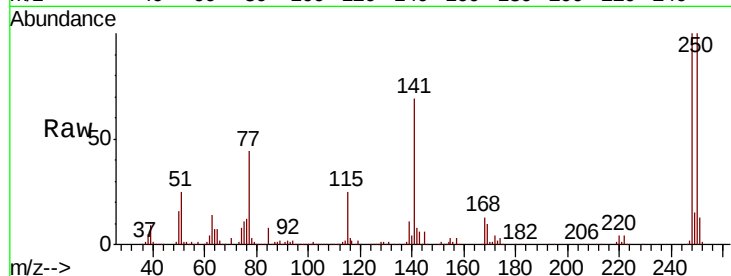




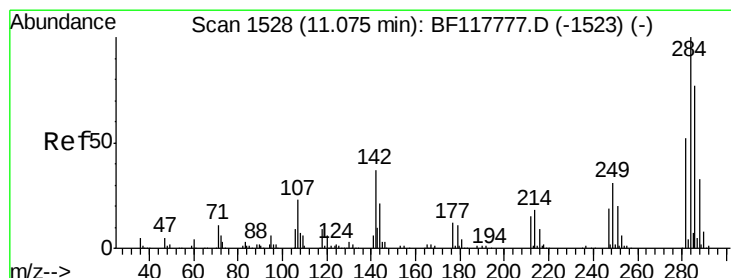
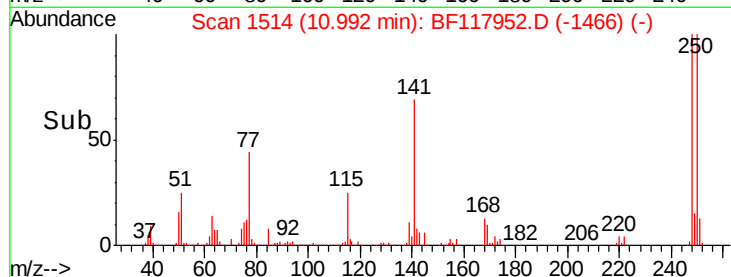
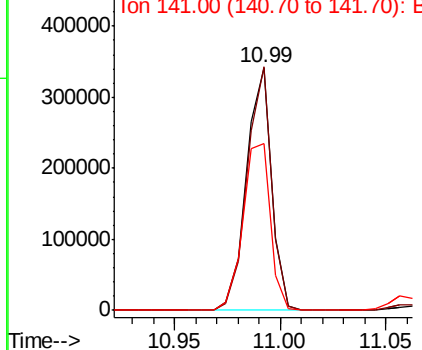
#67
4-Bromophenyl-phenylether
Concen: 52.125 ng
RT: 10.99 min Scan# 1514
Delta R.T. -0.02 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 282691
Ion Ratio Lower Upper
248 100
250 100.2 76.6 115.0
141 68.8 55.9 83.9

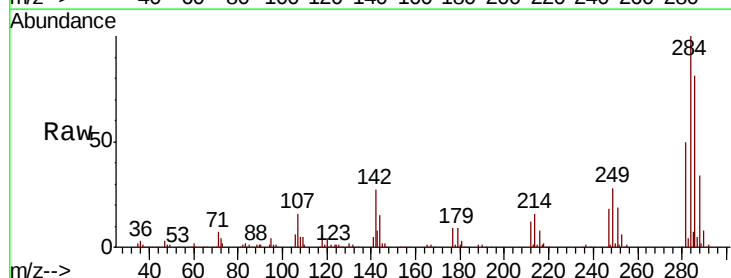


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

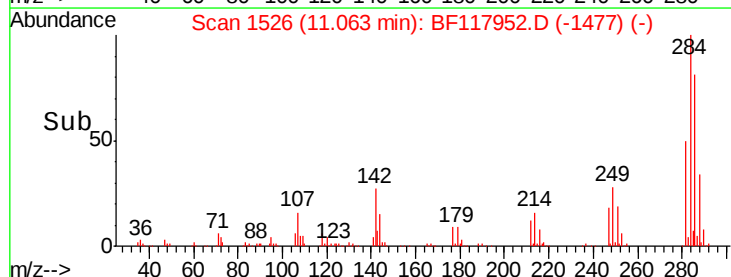
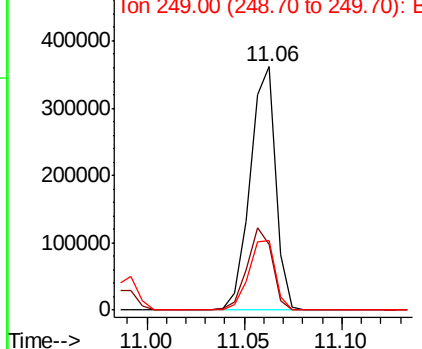


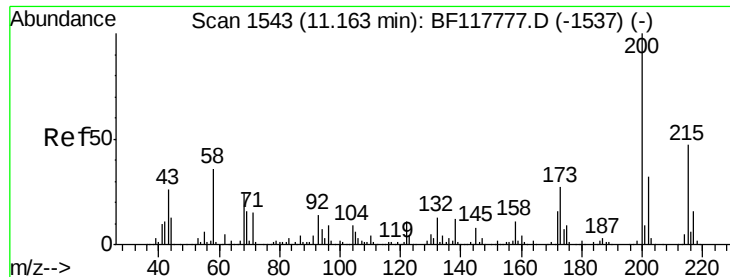
#68
Hexachlorobenzene
Concen: 51.918 ng
RT: 11.06 min Scan# 1526
Delta R.T. -0.01 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Tgt Ion:284 Resp: 328317
Ion Ratio Lower Upper
284 100
142 26.8 29.4 44.2#
249 28.3 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

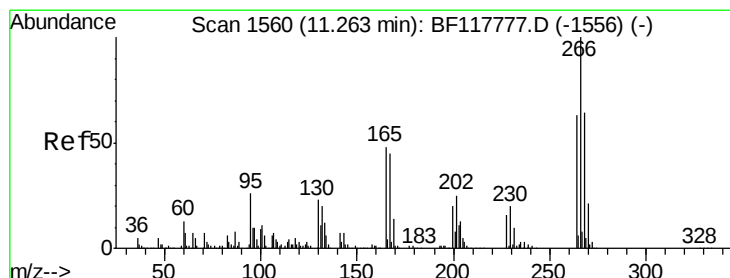
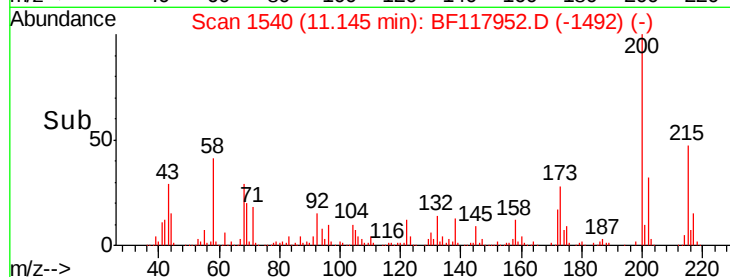
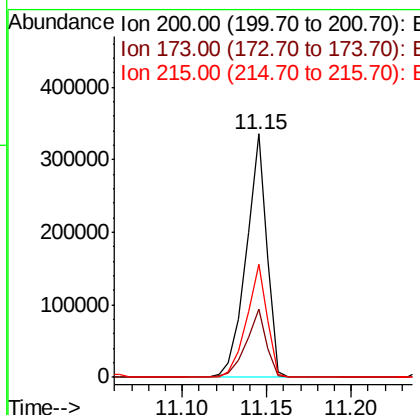
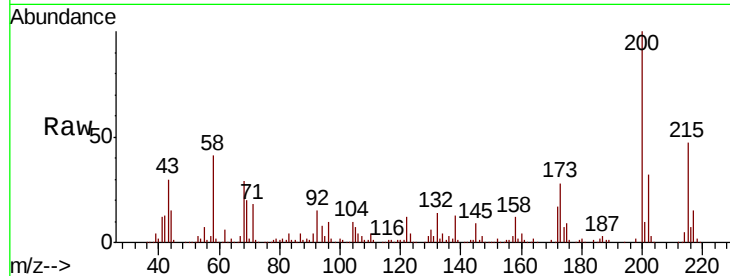




#69
 Atrazine
 Concen: 59.675 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. -0.02 min
 Lab File: BF117952.D
 Acq: 23 Nov 2019 13:20

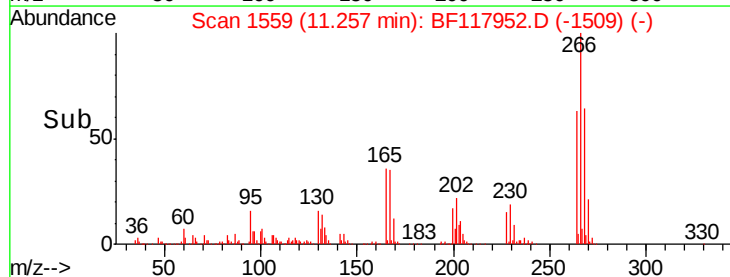
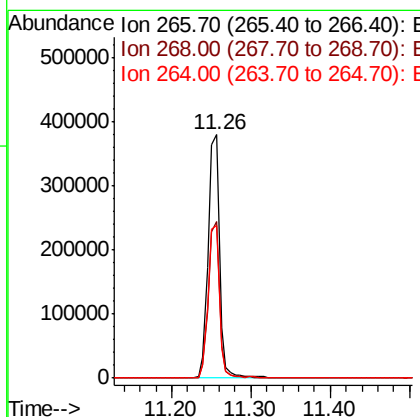
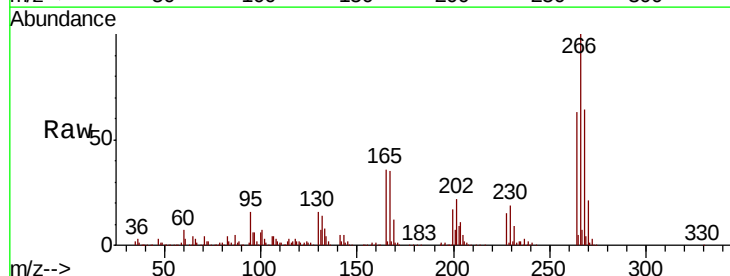
Instrument :
 BNA_F
 ClientSampleId :

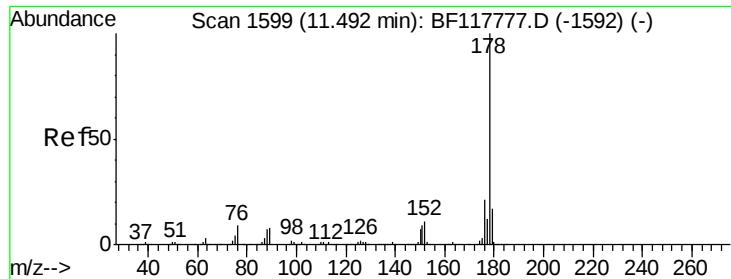
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.9	6.7	46.7
215	46.7	27.5	67.5



#70
 Pentachlorophenol
 Concen: 103.707 ng
 RT: 11.26 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BF117952.D
 Acq: 23 Nov 2019 13:20

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.1	50.8	76.2
264	62.9	50.7	76.1

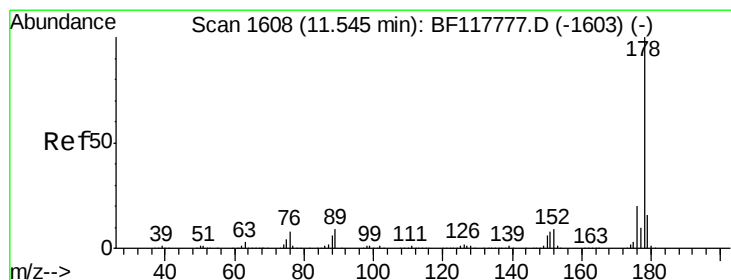
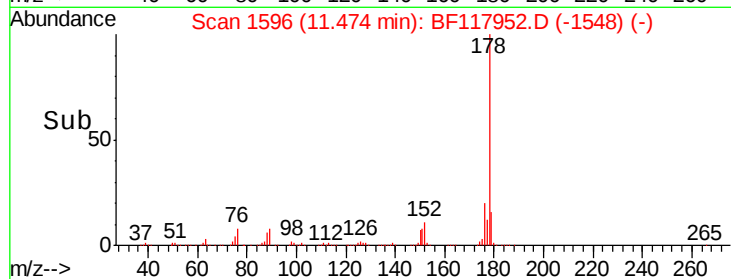
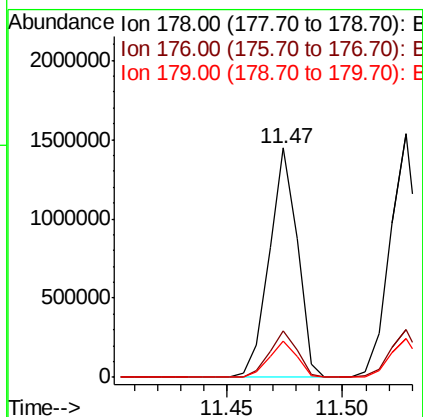
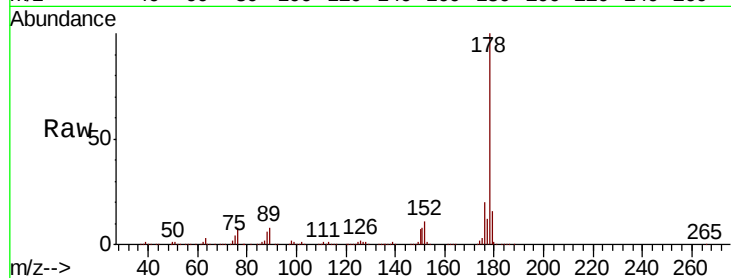




#71
Phenanthrene
Concen: 48.407 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.02 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

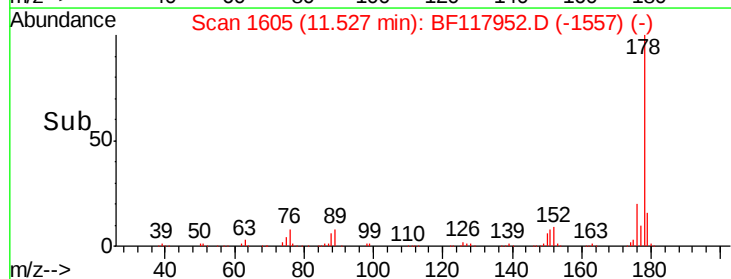
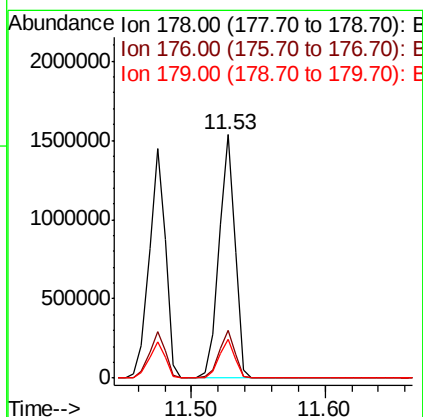
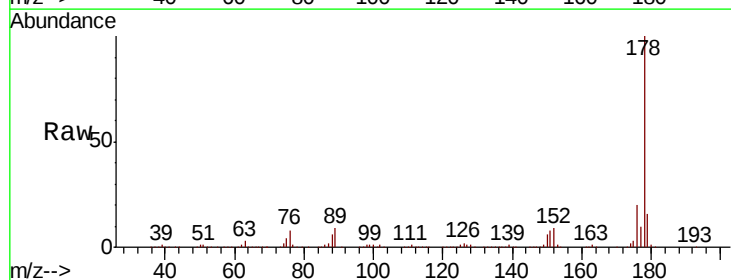
Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1223274
Ion Ratio Lower Upper
178 100
176 20.1 16.6 25.0
179 16.0 13.2 19.8



#72
Anthracene
Concen: 52.090 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.02 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Tgt Ion:178 Resp: 1305124
Ion Ratio Lower Upper
178 100
176 19.6 16.1 24.1
179 16.0 13.0 19.4

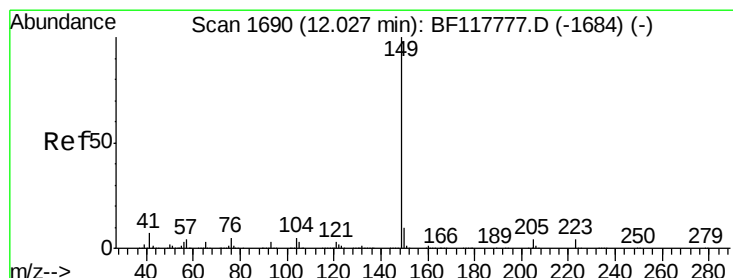
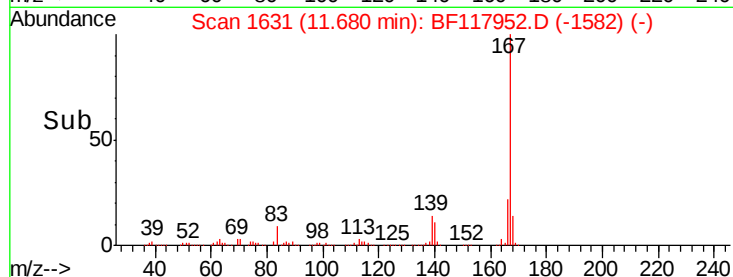
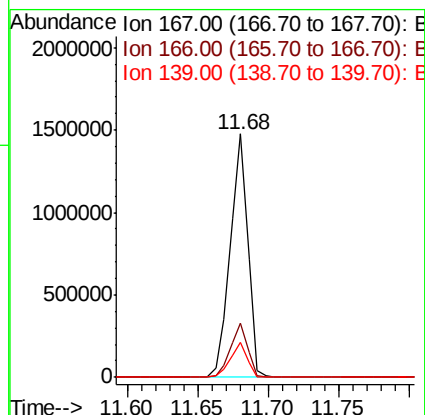
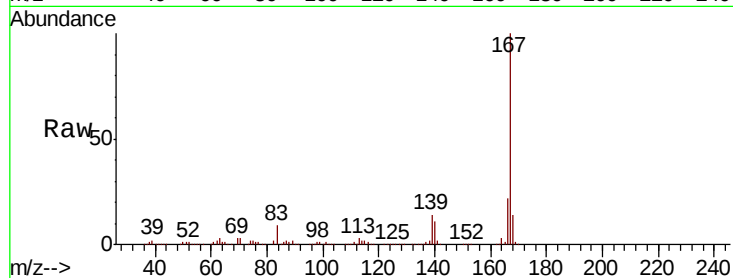




#73
 Carbazole
 Concen: 58.682 ng
 RT: 11.68 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BF117952.D
 Acq: 23 Nov 2019 13:20

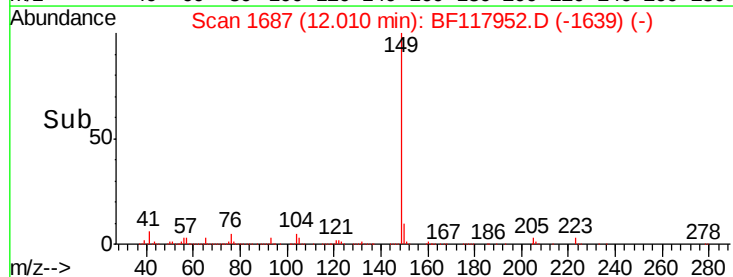
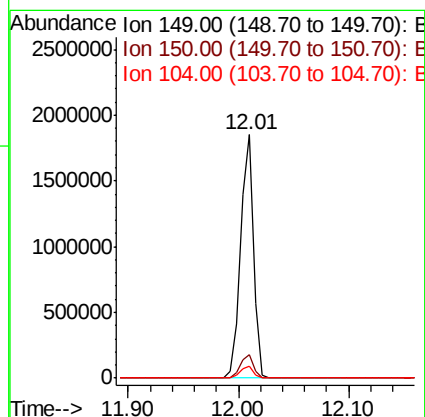
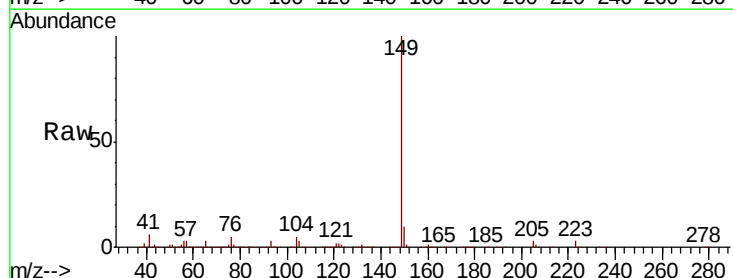
Instrument :
 BNA_F
 ClientSampleId :

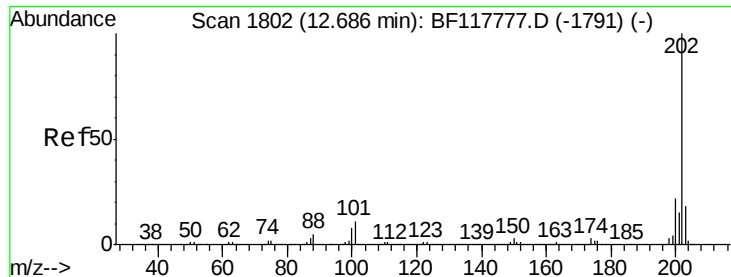
Tot Ion:167 Resp: 1284814
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.0 27.0
 139 14.5 11.7 17.5



#74
 Di-n-butylphthalate
 Concen: 55.850 ng
 RT: 12.01 min Scan# 1687
 Delta R.T. -0.02 min
 Lab File: BF117952.D
 Acq: 23 Nov 2019 13:20

Tgt Ion:149 Resp: 1522507
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.9 11.9
 104 4.9 4.2 6.4



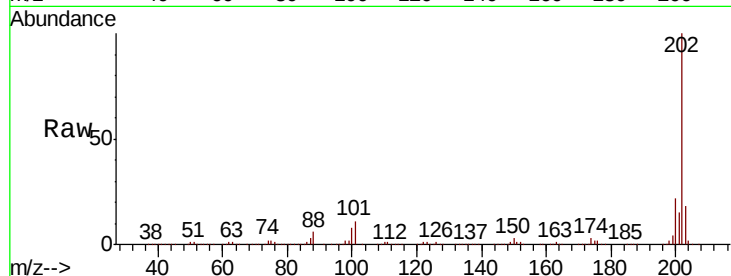


#75
 Fluoranthene
 Concen: 55.737 ng
 RT: 12.67 min Scan# 1799
 Delta R.T. -0.02 min
 Lab File: BF117952.D
 Acq: 23 Nov 2019 13:20

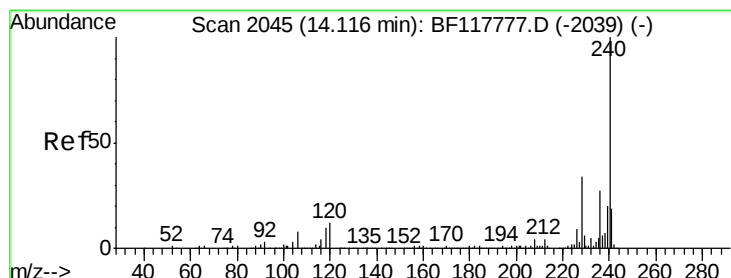
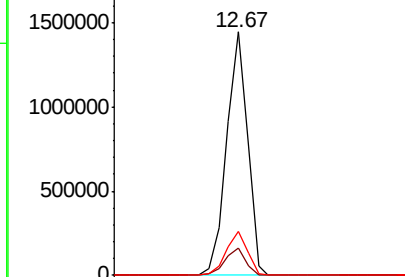
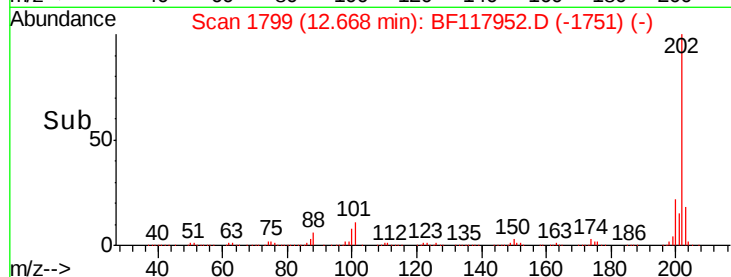
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1241306

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	31.1
203	17.9	0.0	38.2



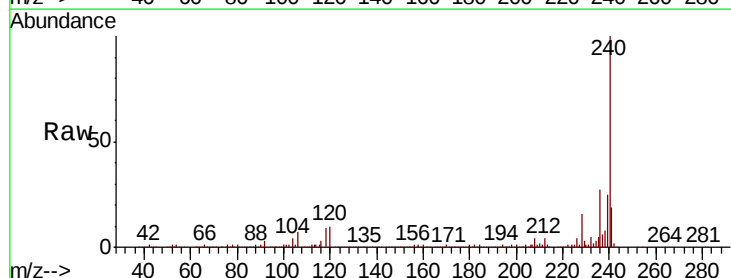
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E



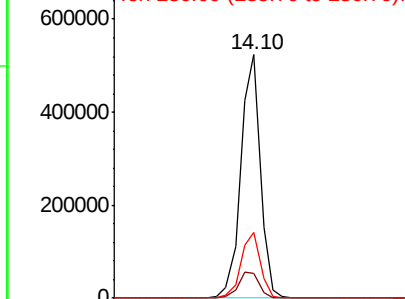
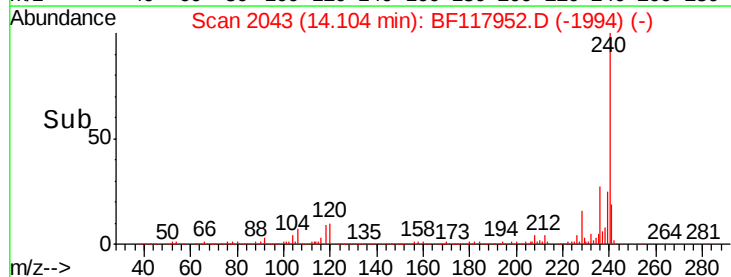
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. -0.01 min
 Lab File: BF117952.D
 Acq: 23 Nov 2019 13:20

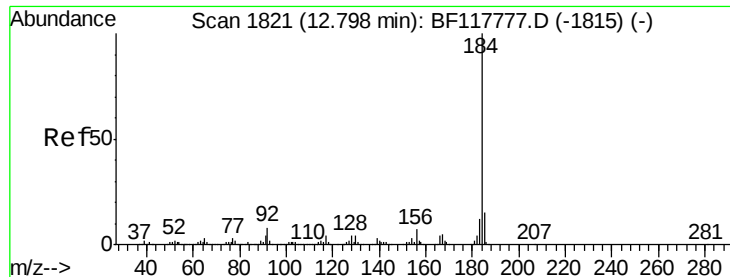
Tgt Ion:240 Resp: 444698

Ion	Ratio	Lower	Upper
240	100		
120	10.2	9.5	14.3
236	27.0	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: 26.763 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF117952.D

Acq: 23 Nov 2019 13:20

Instrument :

BNA_F

ClientSampleId :

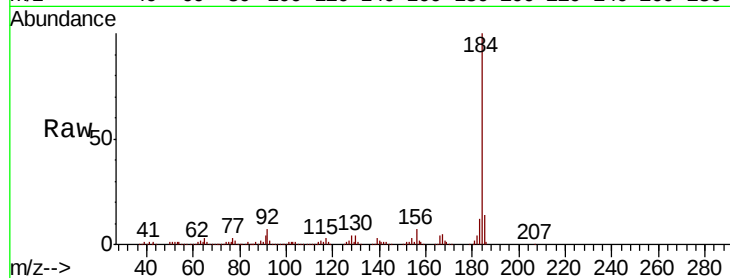
Tot Ion:184 Resp: 389840

Ion Ratio Lower Upper

184 100

185 14.2 12.2 18.4

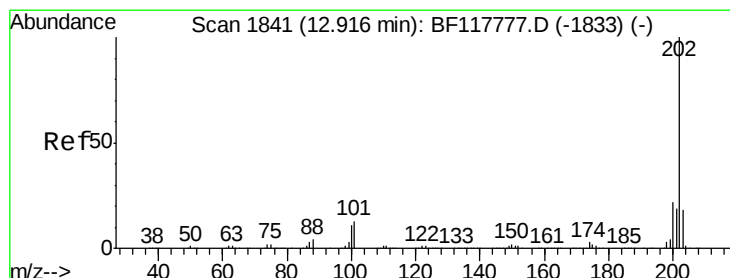
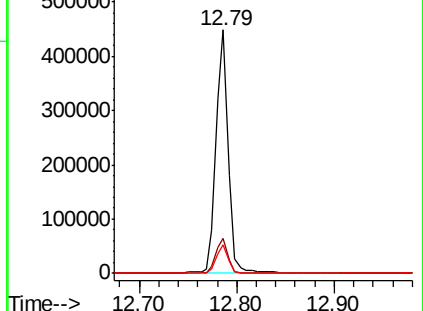
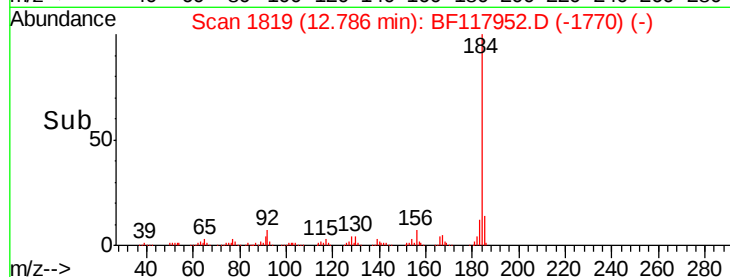
183 12.0 9.5 14.3



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: 36.004 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BF117952.D

Acq: 23 Nov 2019 13:20

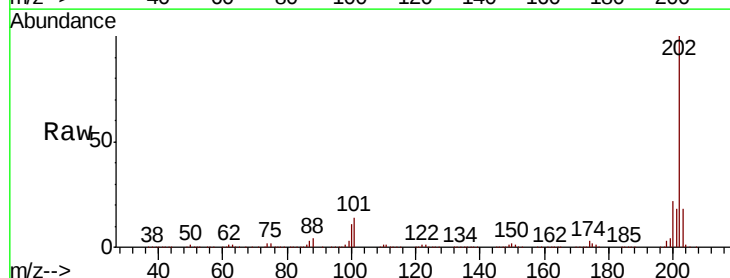
Tgt Ion:202 Resp: 1293931

Ion Ratio Lower Upper

202 100

200 22.5 17.8 26.8

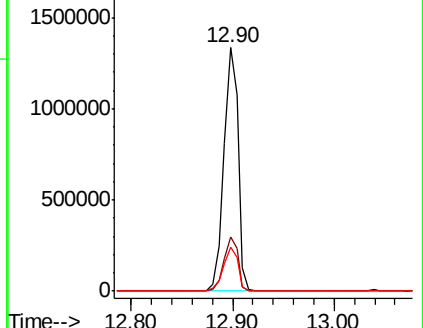
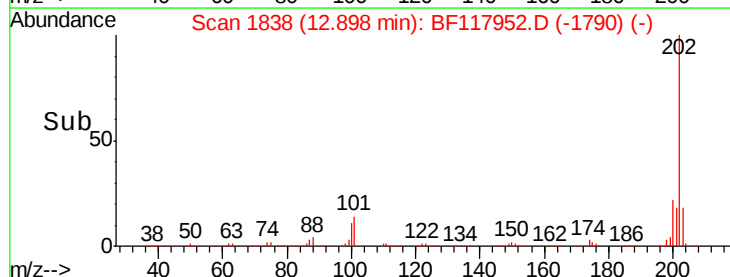
203 18.3 14.6 22.0

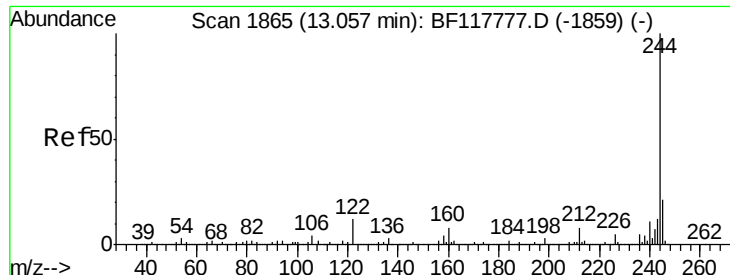


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 67.245 ng

RT: 13.04 min Scan# 1862

Delta R.T. -0.02 min

Lab File: BF117952.D

Acq: 23 Nov 2019 13:20

Instrument :

BNA_F

ClientSampled :

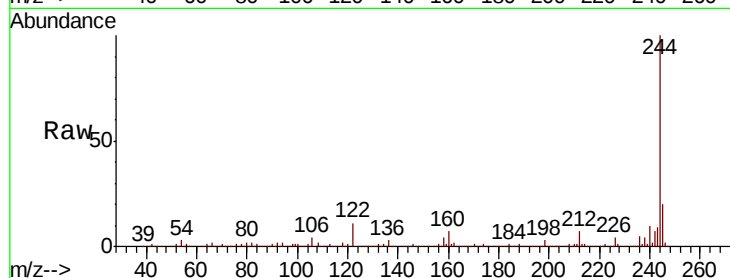
Tot Ion:244 Resp: 1636226

Ion Ratio Lower Upper

244 100

212 7.2 6.3 9.5

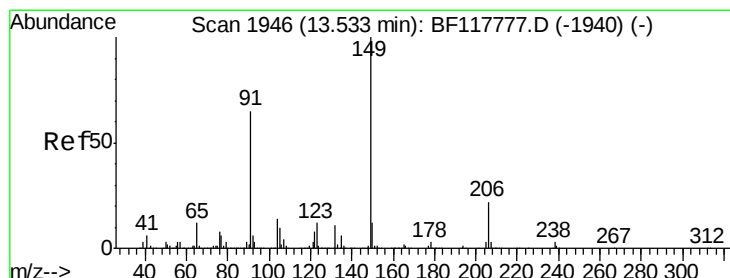
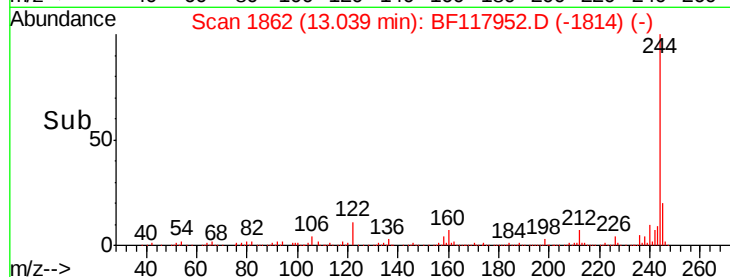
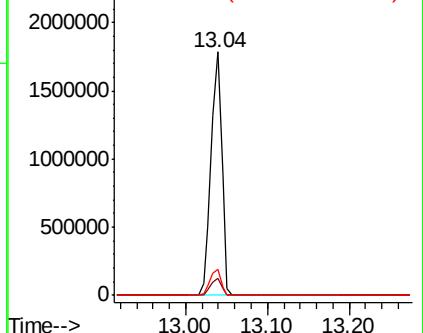
122 10.8 9.4 14.2



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: 44.095 ng

RT: 13.52 min Scan# 1943

Delta R.T. -0.02 min

Lab File: BF117952.D

Acq: 23 Nov 2019 13:20

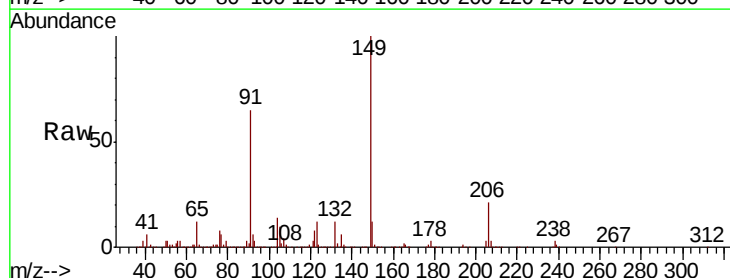
Tgt Ion:149 Resp: 680631

Ion Ratio Lower Upper

149 100

91 65.5 51.9 77.9

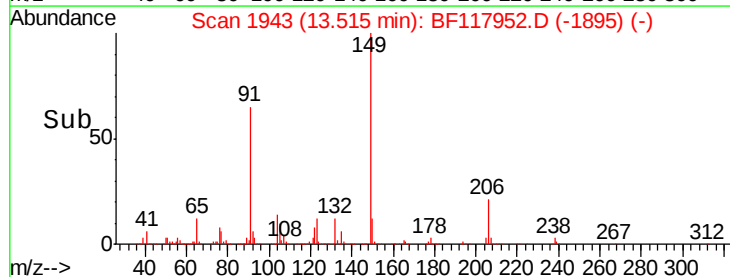
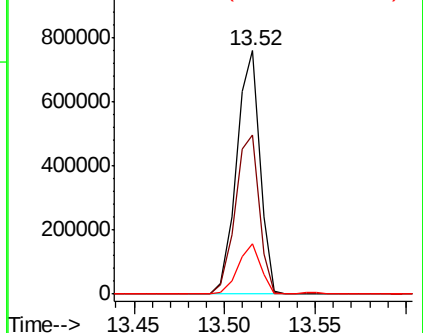
206 20.7 17.2 25.8



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

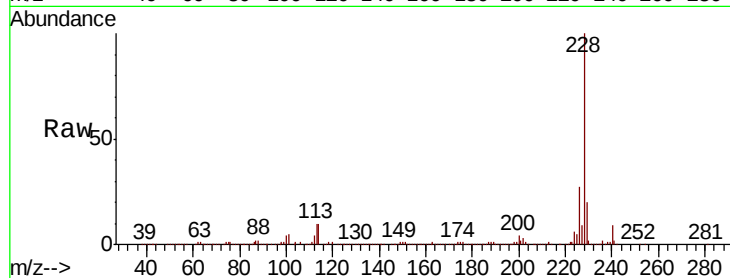




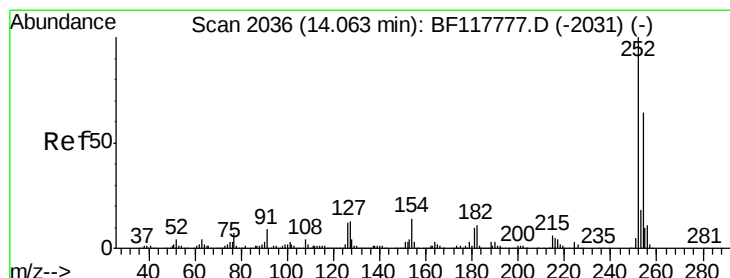
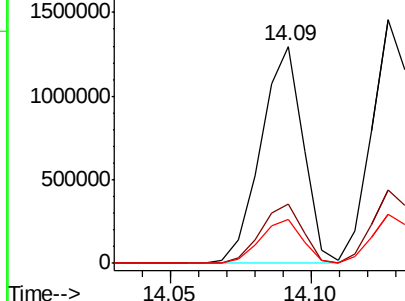
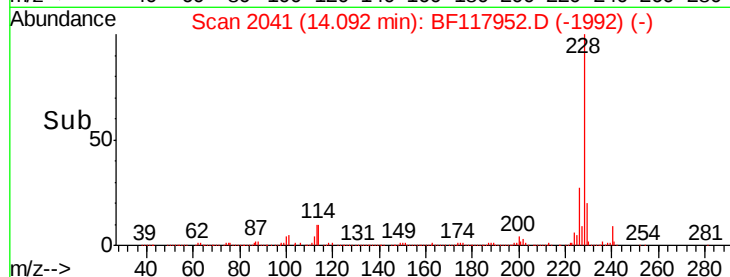
#81
Benzo(a)anthracene
Concen: 45.794 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 1345718
Ion Ratio Lower Upper
228 100
226 27.5 22.2 33.2
229 20.2 15.9 23.9

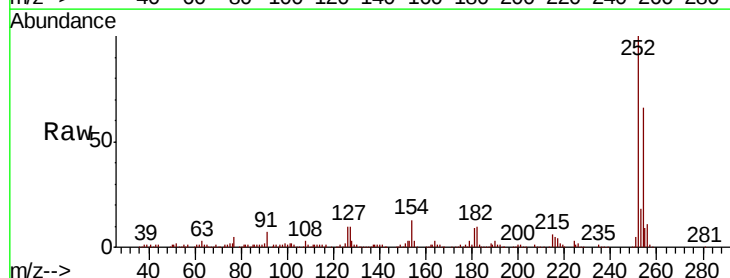


Abundance Ion 228.00 (227.70 to 228.70): E
2000000 Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

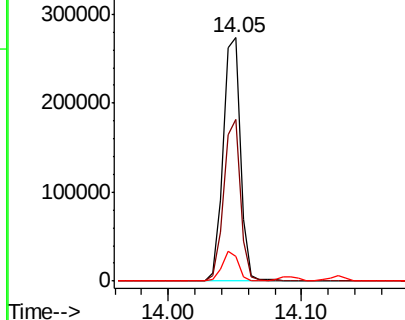
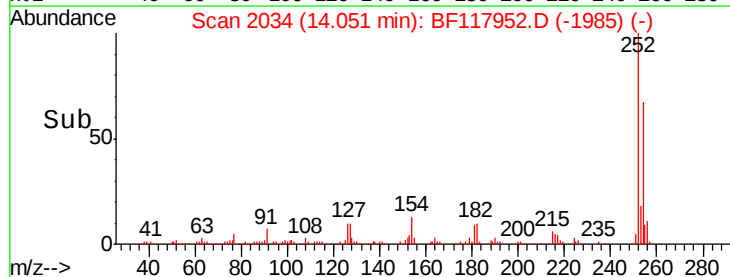


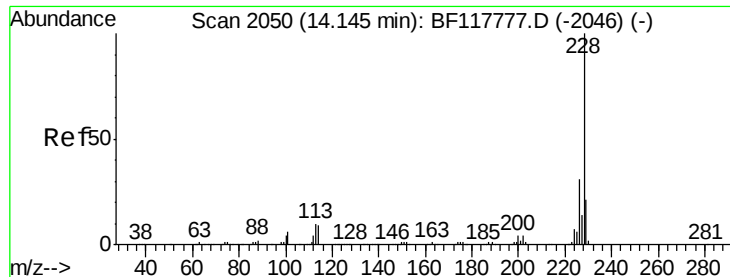
#82
3,3'-Dichlorobenzidine
Concen: 24.870 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Tgt Ion:252 Resp: 255641
Ion Ratio Lower Upper
252 100
254 66.4 51.0 76.6
126 9.9 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: 46.592 ng

RT: 14.13 min Scan# 2047

Delta R.T. -0.02 min

Lab File: BF117952.D

Acq: 23 Nov 2019 13:20

Instrument :

BNA_F

ClientSampleId :

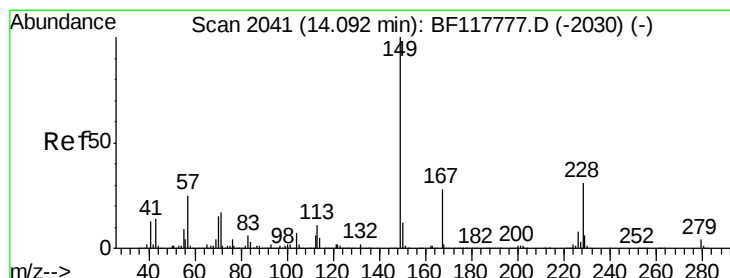
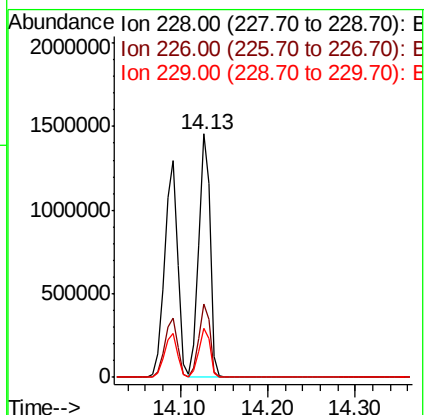
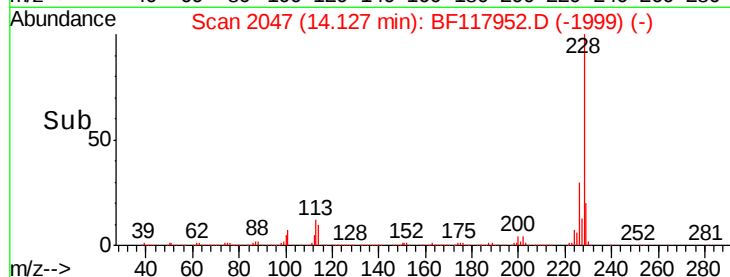
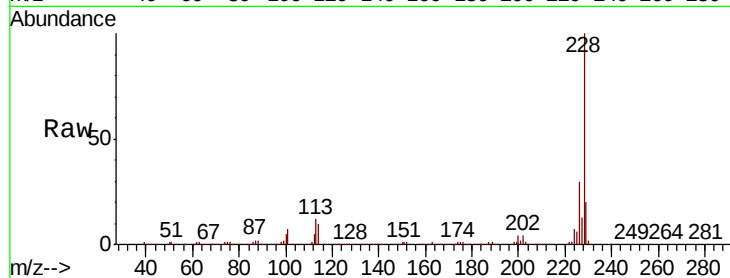
Tot Ion:228 Resp: 1326711

Ion Ratio Lower Upper

228 100

226 30.1 25.0 37.4

229 20.4 16.6 25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.639 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.02 min

Lab File: BF117952.D

Acq: 23 Nov 2019 13:20

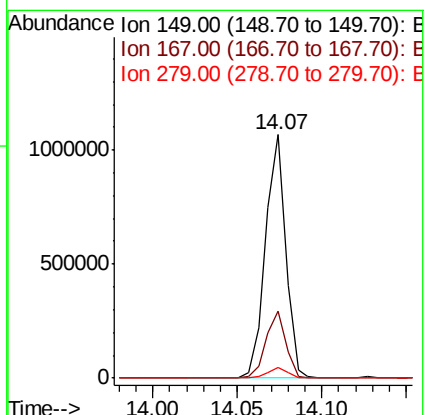
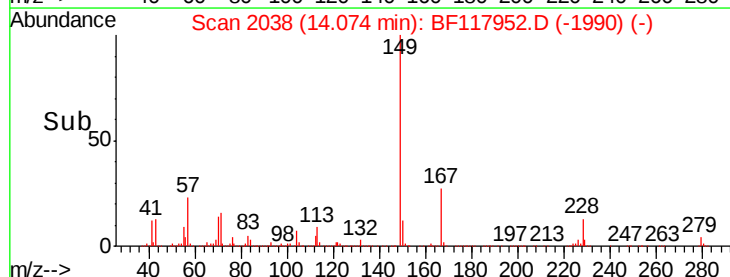
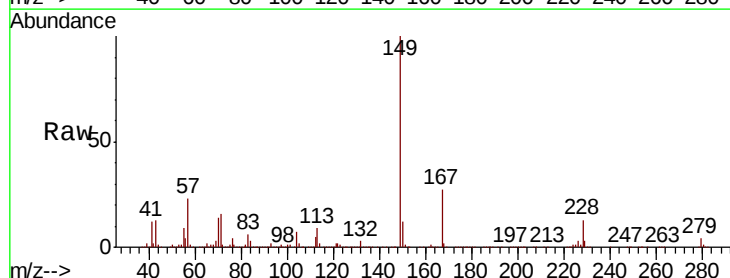
Tgt Ion:149 Resp: 891499

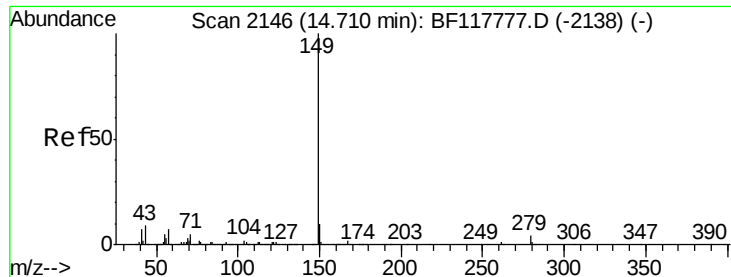
Ion Ratio Lower Upper

149 100

167 27.5 22.2 33.2

279 4.4 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 57.444 ng

RT: 14.69 min Scan# 2143

Delta R.T. -0.02 min

Lab File: BF117952.D

Acq: 23 Nov 2019 13:20

Instrument :

BNA_F

ClientSampleId :

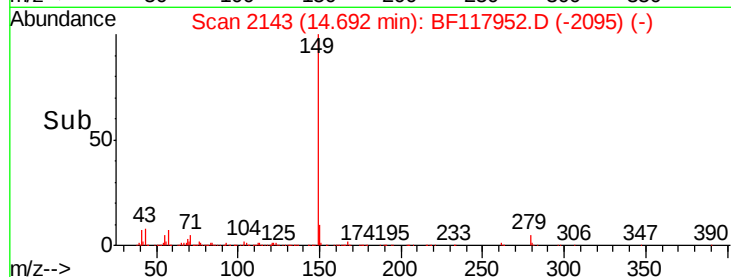
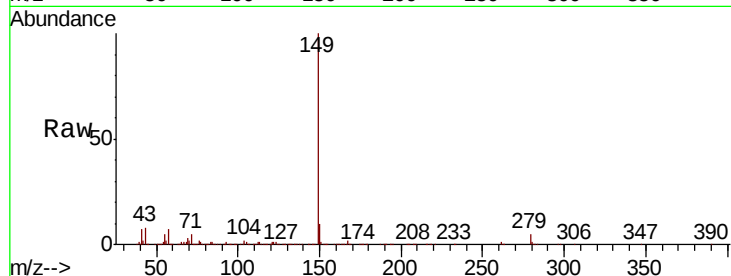
Tot Ion:149 Resp: 1579241

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

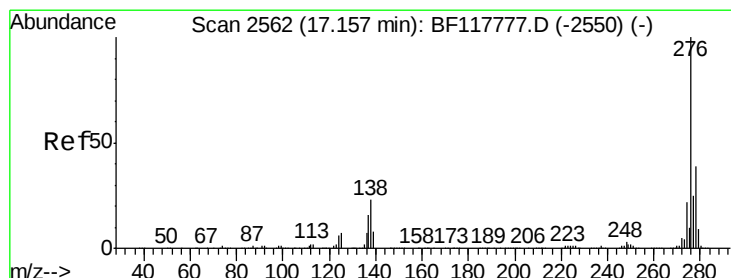
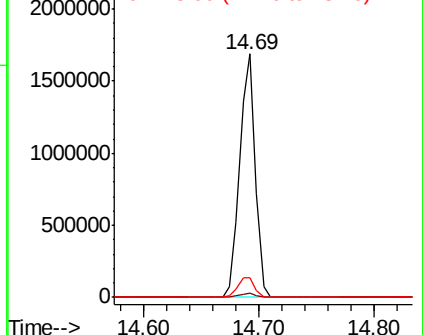
43 8.5 7.4 11.2



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: 43.352 ng

RT: 17.14 min Scan# 2559

Delta R.T. -0.02 min

Lab File: BF117952.D

Acq: 23 Nov 2019 13:20

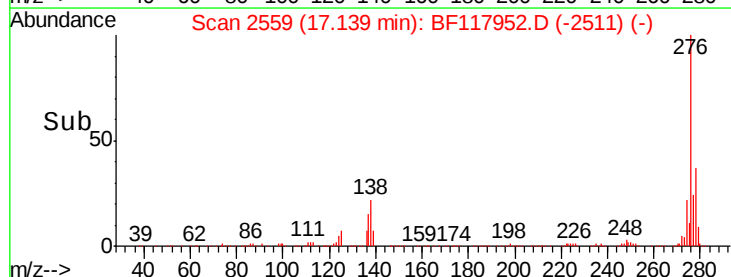
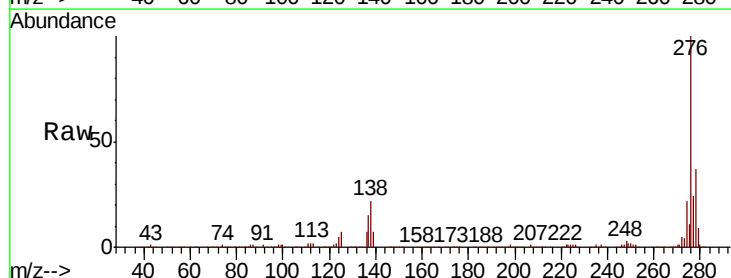
Tgt Ion:276 Resp: 1050642

Ion Ratio Lower Upper

276 100

138 24.7 20.9 31.3

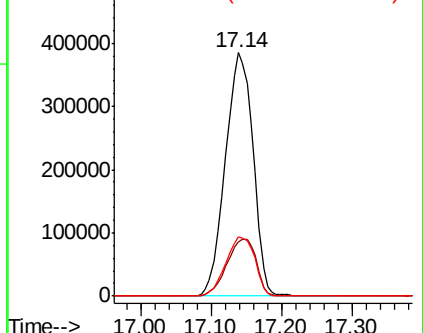
277 25.6 20.3 30.5

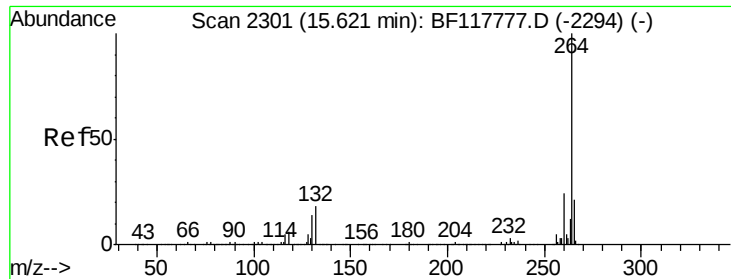


Abundance Ion 276.00 (275.70 to 276.70): E

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: BF117952.D

Acq: 23 Nov 2019 13:20

Instrument :

BNA_F

ClientSampleId :

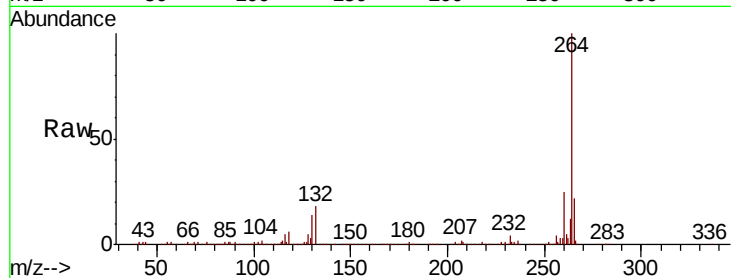
Tot Ion:264 Resp: 400101

Ion Ratio Lower Upper

264 100

260 25.0 19.4 29.0

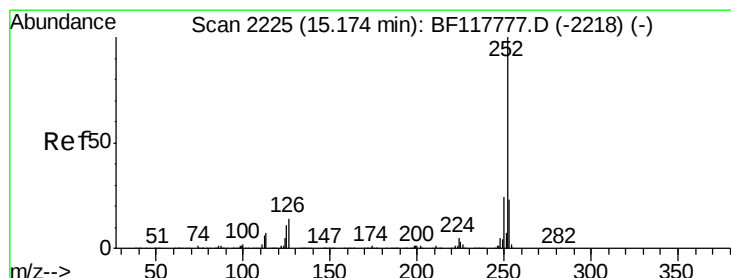
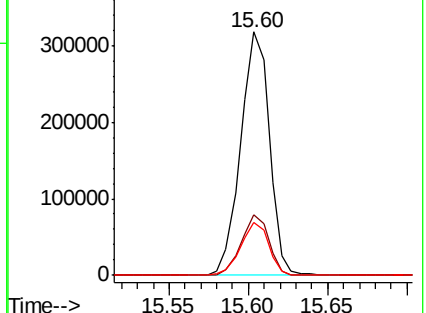
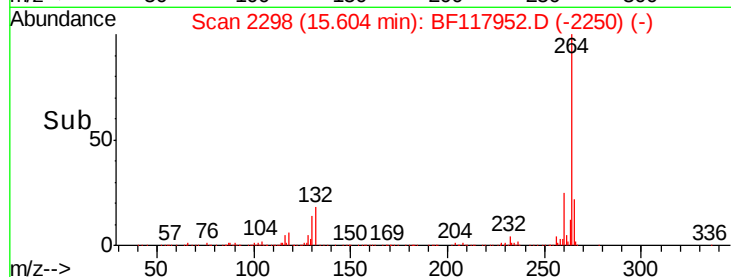
265 21.8 17.1 25.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 50.389 ng

RT: 15.16 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BF117952.D

Acq: 23 Nov 2019 13:20

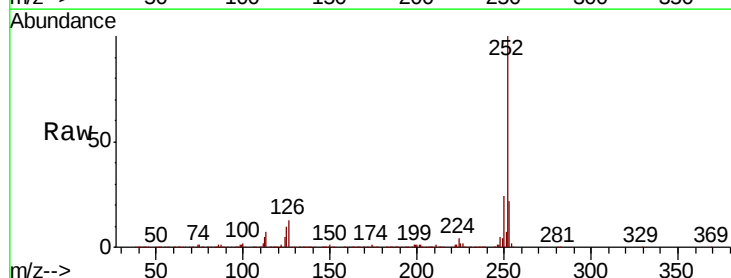
Tgt Ion:252 Resp: 1309855

Ion Ratio Lower Upper

252 100

253 22.0 18.0 27.0

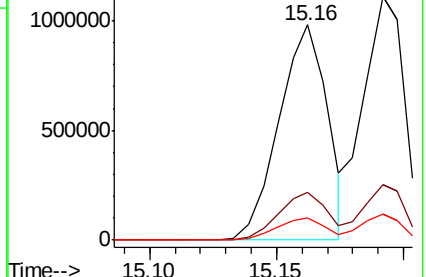
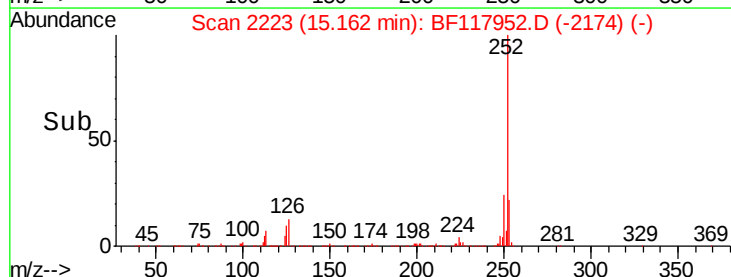
125 10.1 8.6 13.0

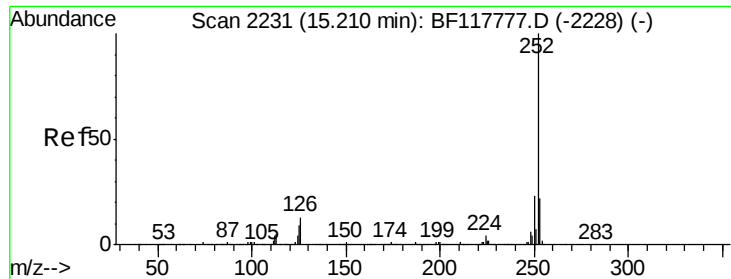


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

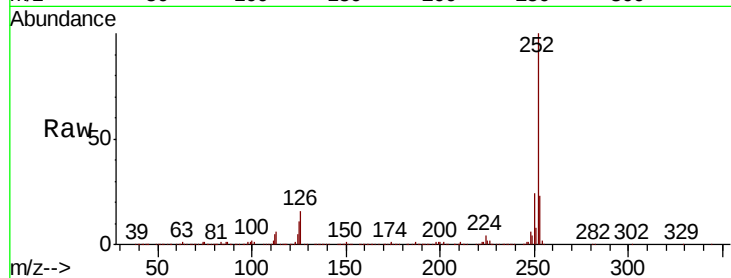




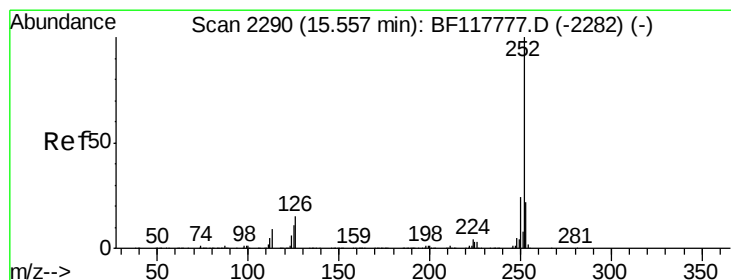
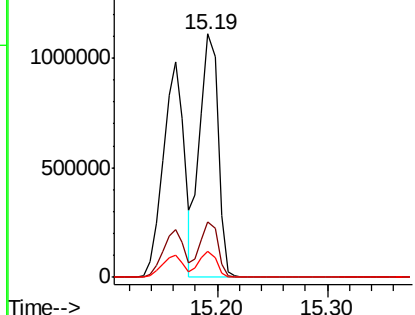
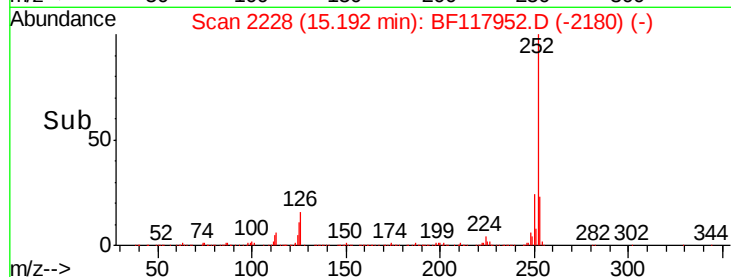
#89
Benzo(k)fluoranthene
Concen: 51.572 ng
RT: 15.19 min Scan# 2228
Delta R.T. -0.02 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 1263139
Ion Ratio Lower Upper
252 100
253 22.8 17.5 26.3
125 10.8 7.9 11.9

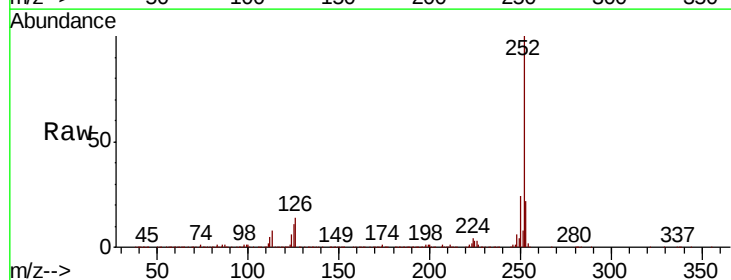


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

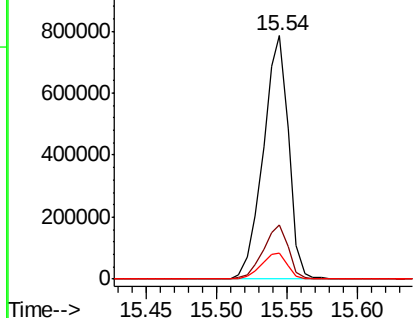
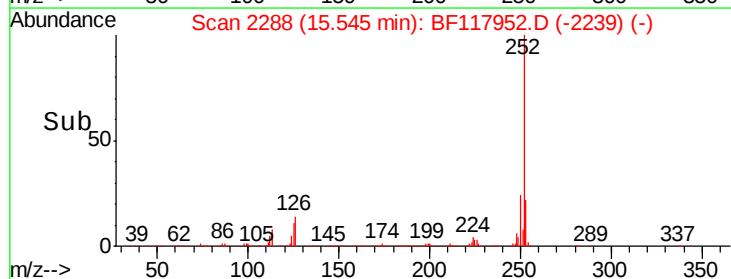


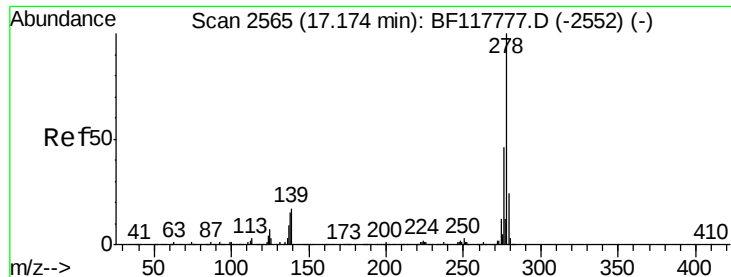
#90
Benzo(a)pyrene
Concen: 43.487 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Tgt Ion:252 Resp: 994039
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 10.6 9.2 13.8



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





#91

Dibenzo(a,h)anthracene

Concen: 44.567 ng

RT: 17.16 min Scan# 2563

Delta R.T. -0.01 min

Lab File: BF117952.D

Acq: 23 Nov 2019 13:20

Instrument :

BNA_F

ClientSampleId :

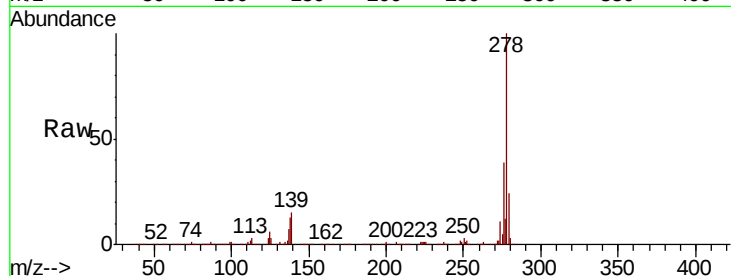
Tot Ion:278 Resp: 876831

Ion Ratio Lower Upper

278 100

139 15.0 13.8 20.8

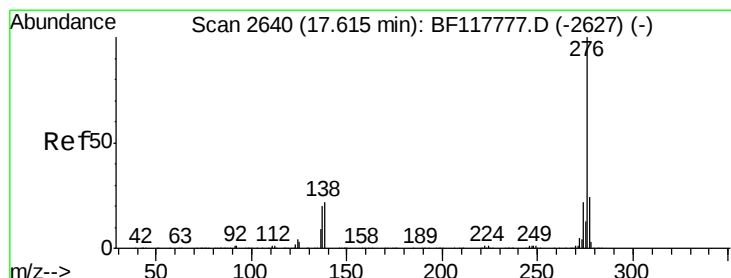
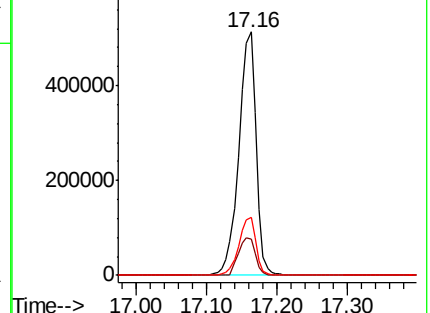
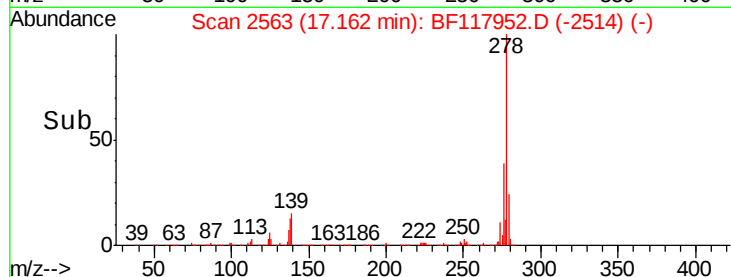
279 23.8 19.6 29.4



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: 44.735 ng

RT: 17.60 min Scan# 2638

Delta R.T. -0.01 min

Lab File: BF117952.D

Acq: 23 Nov 2019 13:20

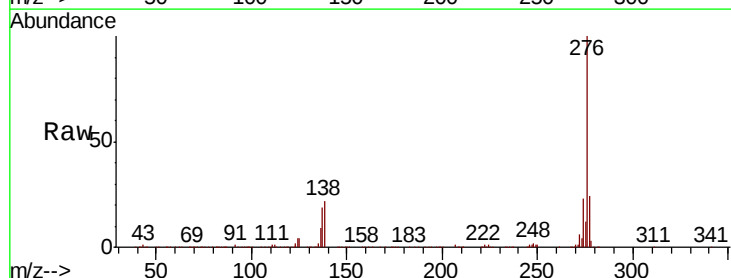
Tgt Ion:276 Resp: 876644

Ion Ratio Lower Upper

276 100

277 24.0 18.9 28.3

138 21.9 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

