

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070519\
 Data File : BF115384.D
 Acq On : 5 Jul 2019 8:48
 Operator : HP/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 05 11:47:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 11:41:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	148379	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	619490	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	318330	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	625620	20.00	ng	0.00
76) Chrysene-d12	14.06	240	503905	20.00	ng	0.00
87) Perylene-d12	15.56	264	550399	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	223057	23.20	ng	-0.01
7) Phenol-d6	6.50	99	285276	24.44	ng	-0.02
23) Nitrobenzene-d5	7.45	82	210841	20.94	ng	-0.01
42) 2,4,6-Tribromophenol	10.72	330	79585	23.71	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	519664	27.73	ng	0.00
79) Terphenyl-d14	13.00	244	622493	26.27	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.70	88	51238	11.291	ng	99
3) Pyridine	3.45	79	144027	11.261	ng	99
4) n-Nitrosodimethylamine	3.38	42	57448	11.457	ng	94
6) Aniline	6.55	93	190142	11.855	ng	99
8) 2-Chlorophenol	6.67	128	123082	11.384	ng	98
9) Benzaldehyde	6.44	77	98770	12.972	ng	99
10) Phenol	6.52	94	153189	11.206	ng	99
11) bis(2-Chloroethyl)ether	6.62	93	121099	12.017	ng	99
12) 1,3-Dichlorobenzene	6.83	146	137833	11.487	ng	97
13) 1,4-Dichlorobenzene	6.91	146	138565	11.516	ng	98
14) 1,2-Dichlorobenzene	7.06	146	132332	11.876	ng	98
15) Benzyl Alcohol	7.02	79	111056	13.068	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.17	45	173821	11.893	ng	97
17) 2-Methylphenol	7.13	107	102907	11.531	ng	99
18) Hexachloroethane	7.41	117	47816	11.023	ng	94
19) n-Nitroso-di-n-propylamine	7.30	70	93980	12.578	ng	99
20) 3+4-Methylphenols	7.29	107	133102	12.917	ng	96
22) Acetophenone	7.29	105	180158	12.703	ng	# 98
24) Nitrobenzene	7.47	77	124568	11.228	ng	96
25) Isophorone	7.71	82	253696	12.298	ng	99
26) 2-Nitrophenol	7.79	139	37384	6.823	ng	96
27) 2,4-Dimethylphenol	7.82	122	104696	11.671	ng	96
28) bis(2-Chloroethoxy)methane	7.92	93	160247	12.290	ng	98
29) 2,4-Dichlorophenol	8.02	162	101731	10.989	ng	98
30) 1,2,4-Trichlorobenzene	8.12	180	117130	11.454	ng	98
31) Naphthalene	8.20	128	374968	12.331	ng	99
32) Benzoic acid	7.89	122	47751	7.457	ng	98
33) 4-Chloroaniline	8.24	127	156587	11.267	ng	99
34) Hexachlorobutadiene	8.32	225	66779	11.917	ng	98
35) Caprolactam	8.57	113	32341	10.391	ng	97
36) 4-Chloro-3-methylphenol	8.71	107	109841	11.716	ng	100
37) 2-Methylnaphthalene	8.89	142	249790	12.183	ng	99
38) 1-Methylnaphthalene	8.99	142	239394	12.225	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	107915	11.997	ng	99

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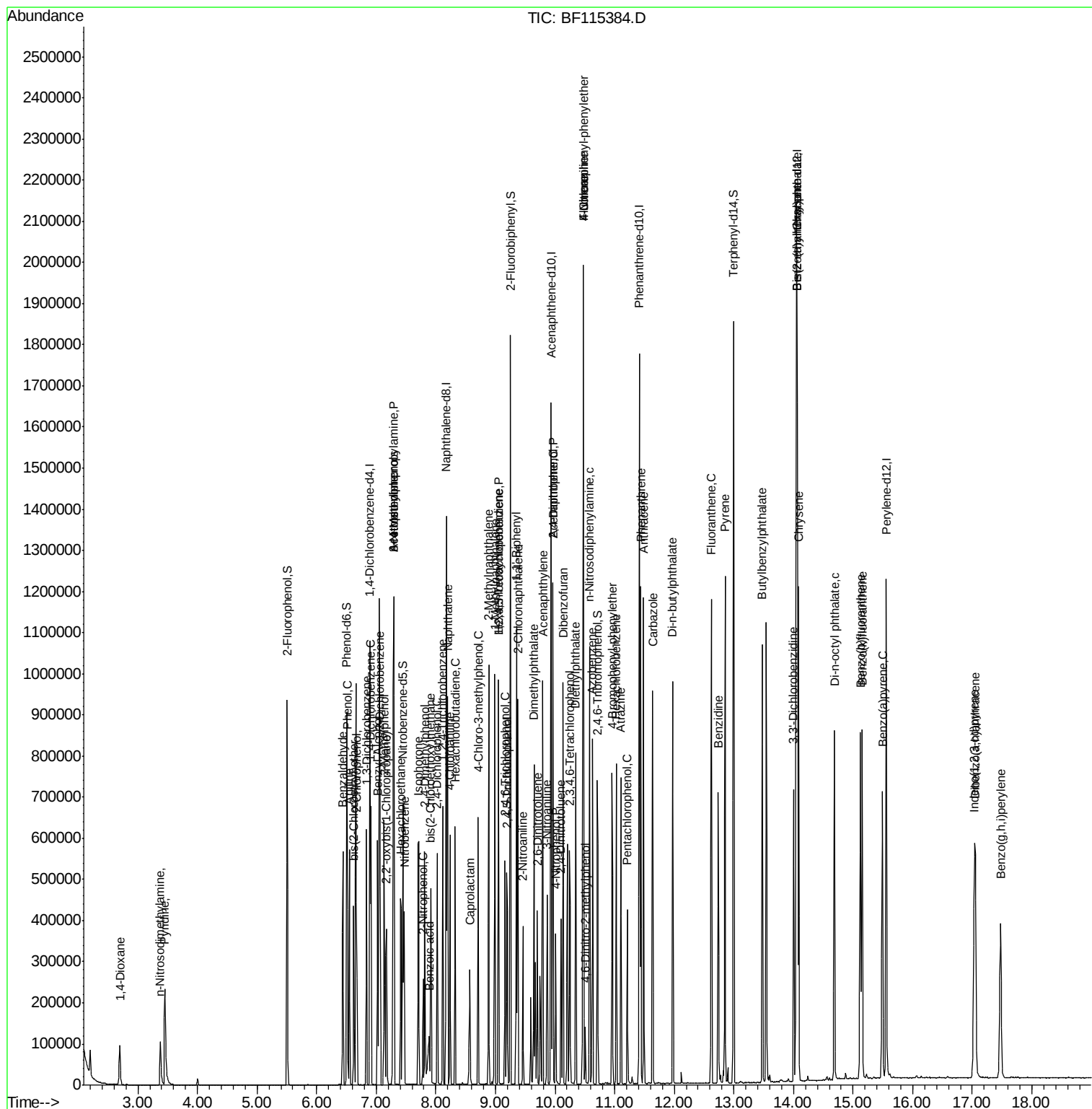
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	55381	10.383	ng	97
43) 2,4,6-Trichlorophenol	9.16	196	70154	10.102	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	74978	10.484	ng	94
46) 1,1'-Biphenyl	9.35	154	308567	12.114	ng	96
47) 2-Chloronaphthalene	9.37	162	242169	11.721	ng	98
48) 2-Nitroaniline	9.46	65	53465	8.876	ng	95
49) Acenaphthylene	9.79	152	382343	11.878	ng	98
50) Dimethylphthalate	9.65	163	284923	12.166	ng	99
51) 2,6-Dinitrotoluene	9.70	165	50806	9.396	ng	94
52) Acenaphthene	9.96	154	234454	11.639	ng	99
53) 3-Nitroaniline	9.87	138	60027	9.097	ng	# 96
54) 2,4-Dinitrophenol	9.97	184	10368	4.347	ng	# 1
55) Dibenzofuran	10.13	168	341667	11.818	ng	97
56) 4-Nitrophenol	10.01	139	44083	8.333	ng	90
57) 2,4-Dinitrotoluene	10.10	165	59211	8.481	ng	99
58) Fluorene	10.47	166	268398	12.473	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	66616	11.108	ng	98
60) Diethylphthalate	10.35	149	282952	12.019	ng	98
61) 4-Chlorophenyl-phenylether	10.47	204	133128	12.974	ng	96
62) 4-Nitroaniline	10.47	138	59687	9.017	ng	99
63) Azobenzene	10.63	77	292770	13.314	ng	97
65) 4,6-Dinitro-2-methylphenol	10.51	198	16456	5.282	ng	97
66) n-Nitrosodiphenylamine	10.58	169	229860	11.793	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	79000	11.647	ng	93
68) Hexachlorobenzene	11.03	284	91394	12.413	ng	98
69) Atrazine	11.10	200	73738	11.761	ng	98
70) Pentachlorophenol	11.22	266	48773	10.398	ng	95
71) Phenanthrene	11.44	178	411906	12.228	ng	98
72) Anthracene	11.49	178	410443	12.071	ng	98
73) Carbazole	11.64	167	371866	12.248	ng	98
74) Di-n-butylphthalate	11.97	149	450808	12.849	ng	98
75) Fluoranthene	12.62	202	434421	12.926	ng	97
77) Benzidine	12.74	184	235013	10.503	ng	97
78) Pyrene	12.85	202	445076	11.493	ng	97
80) Butylbenzylphthalate	13.47	149	174230	10.195	ng	95
81) Benzo(a)anthracene	14.04	228	399387	11.046	ng	97
82) 3,3'-Dichlorobenzidine	14.00	252	138331	10.595	ng	97
83) Chrysene	14.09	228	389104	11.748	ng	96
84) Bis(2-ethylhexyl)phthalate	14.04	149	256030	11.433	ng	98
85) Di-n-octyl phthalate	14.69	149	416117	11.060	ng	100
86) Indeno(1,2,3-cd)pyrene	17.03	276	379872	9.693	ng	# 100
88) Benzo(b)fluoranthene	15.12	252	381992	11.123	ng	99
89) Benzo(k)fluoranthene	15.15	252	339302	11.017	ng	99
90) Benzo(a)pyrene	15.49	252	334461	10.805	ng	98
91) Dibenzo(a,h)anthracene	17.05	278	321186	11.115	ng	98
92) Benzo(g,h,i)perylene	17.47	276	299259	10.232	ng	99

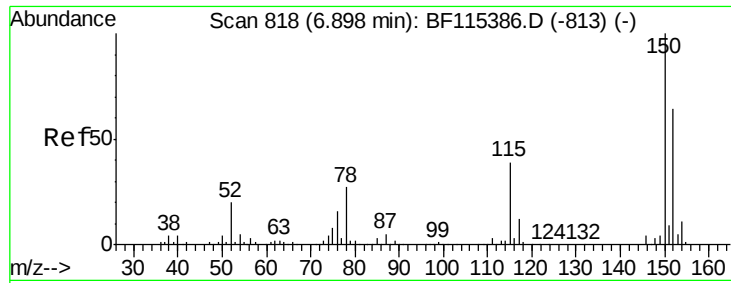
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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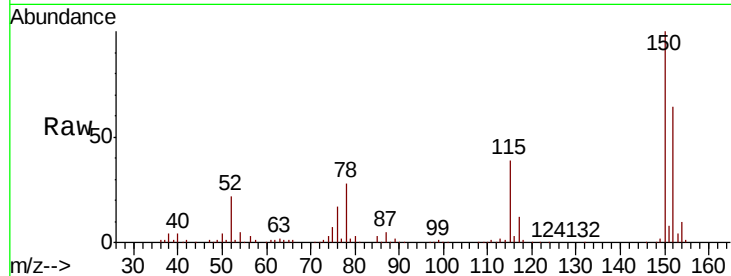


#1

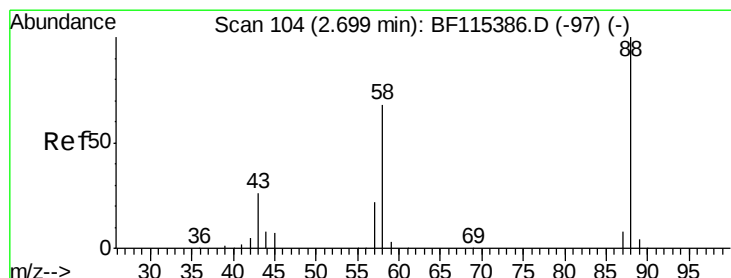
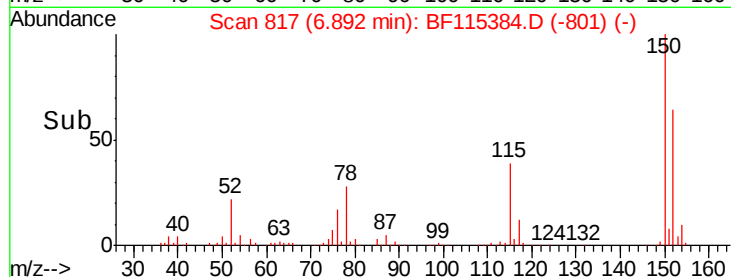
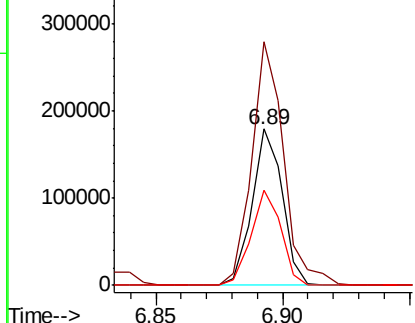
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF115384.D
 Acq: 5 Jul 2019 8:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 148379
 Ion Ratio Lower Upper
 152 100
 150 155.9 124.7 187.1
 115 60.9 48.1 72.1



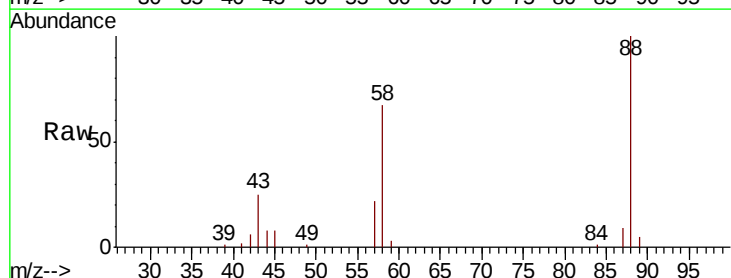
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



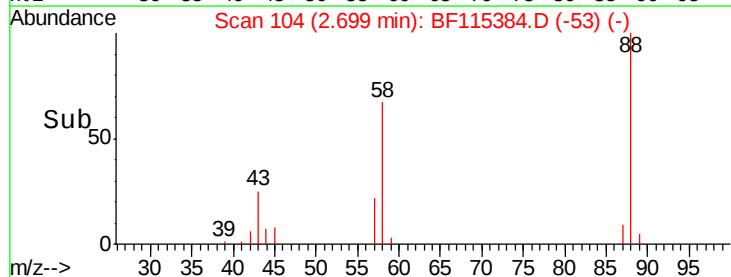
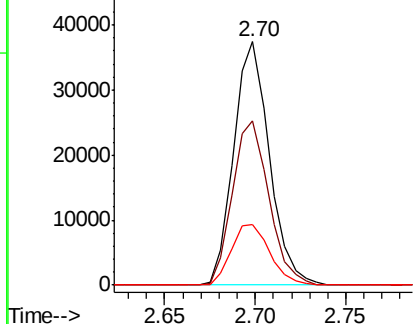
#2

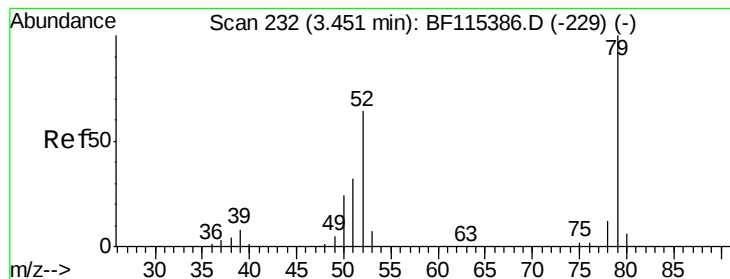
1,4-Dioxane
 Concen: 11.291 ng
 RT: 2.70 min Scan# 104
 Delta R.T. 0.00 min
 Lab File: BF115384.D
 Acq: 5 Jul 2019 8:48

Tgt Ion: 88 Resp: 51238
 Ion Ratio Lower Upper
 88 100
 58 68.8 54.6 82.0
 43 27.0 21.4 32.0



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: 11.261 ng

RT: 3.45 min Scan# 232

Delta R.T. 0.00 min

Lab File: BF115384.D

Acq: 5 Jul 2019 8:48

Instrument :

BNA_F

ClientSampleId :

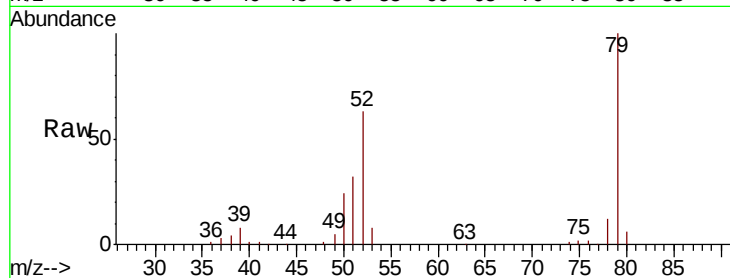
Tot Ion: 79 Resp: 144027

Ion Ratio Lower Upper

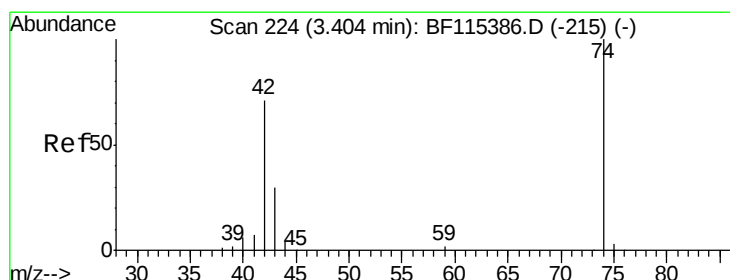
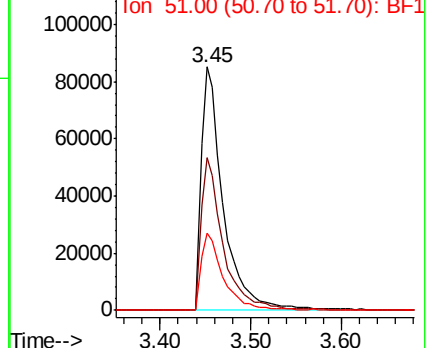
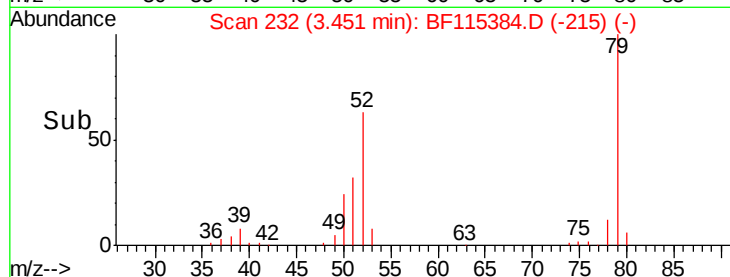
79 100

52 63.0 50.9 76.3

51 31.6 25.8 38.6



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: 11.457 ng

RT: 3.38 min Scan# 219

Delta R.T. -0.03 min

Lab File: BF115384.D

Acq: 5 Jul 2019 8:48

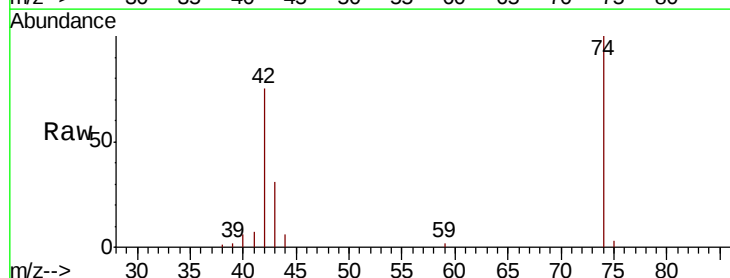
Tgt Ion: 42 Resp: 57448

Ion Ratio Lower Upper

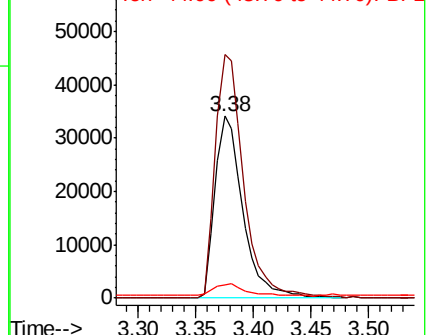
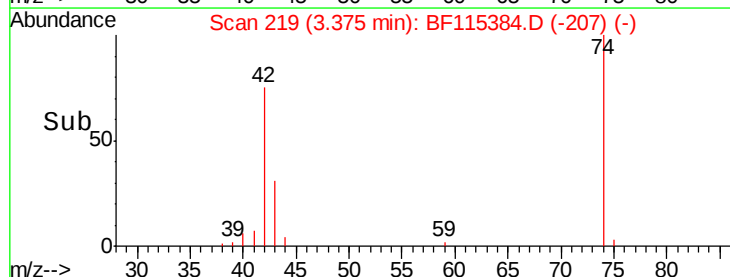
42 100

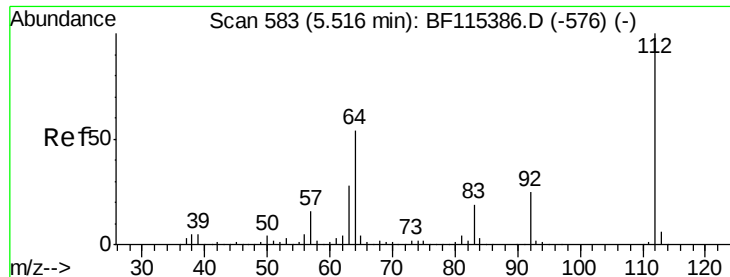
74 134.0 112.8 169.2

44 7.4 5.4 8.0



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: 23.198 ng

RT: 5.50 min Scan# 581

Delta R.T. -0.01 min

Lab File: BF115384.D

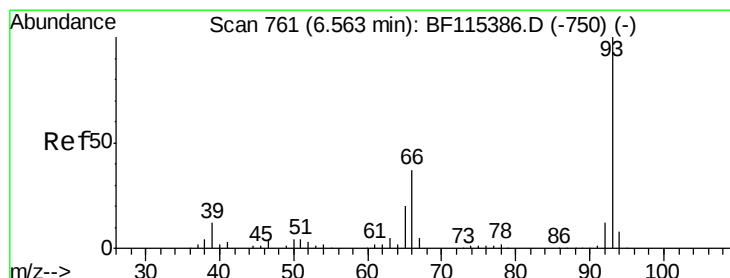
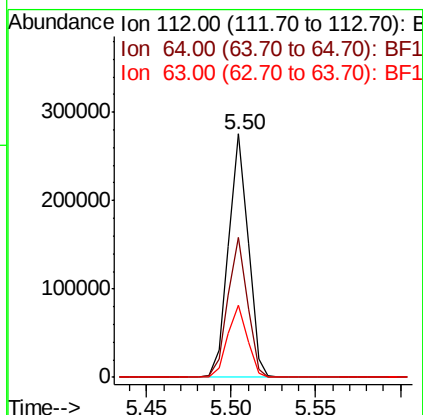
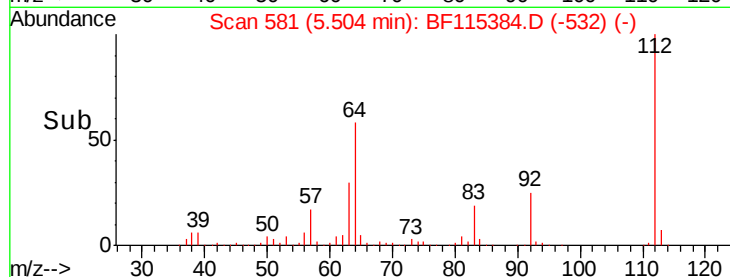
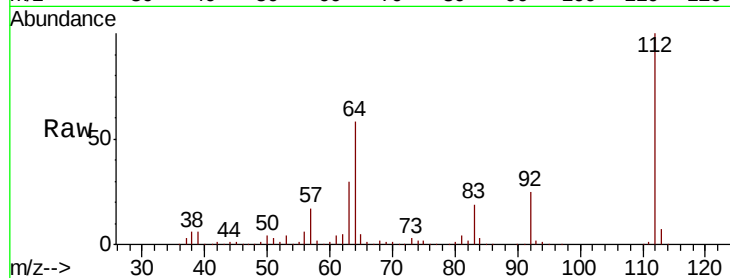
Acq: 5 Jul 2019 8:48

Instrument :

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Tot Ion:	112	Resp:	223057
Ion	Ratio	Lower	Upper
112	100		
64	57.7	43.0	64.6
63	29.7	22.2	33.2



#6

Aniline

Concen: 11.855 ng

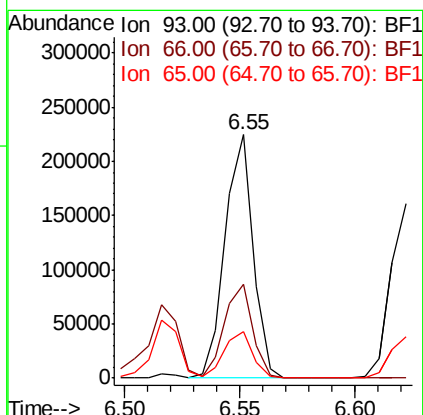
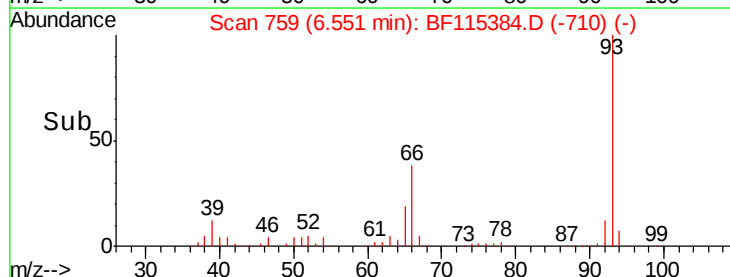
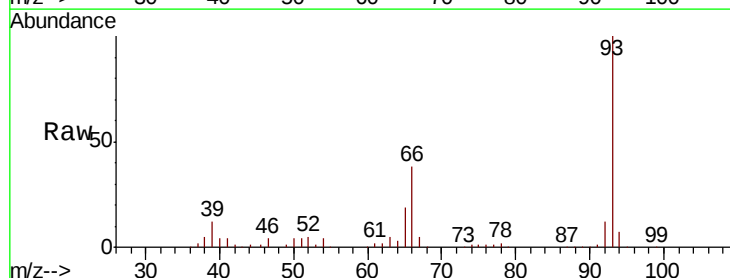
RT: 6.55 min Scan# 759

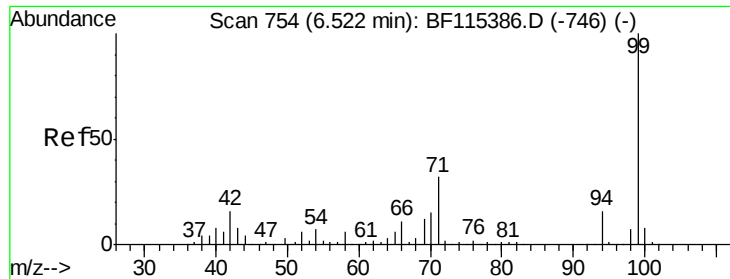
Delta R.T. -0.01 min

Lab File: BF115384.D

Acq: 5 Jul 2019 8:48

Tgt Ion:	93	Resp:	190142
Ion	Ratio	Lower	Upper
93	100		
66	38.4	30.8	46.2
65	19.2	16.0	24.0





#7

Phenol-d6

Concen: 24.444 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.02 min

Lab File: BF115384.D

Acq: 5 Jul 2019 8:48

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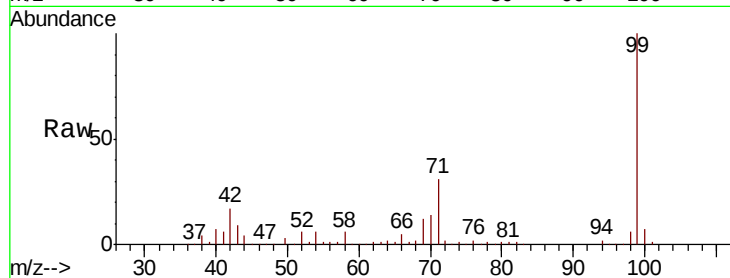
Tot Ion: 99 Resp: 285276

Ion Ratio Lower Upper

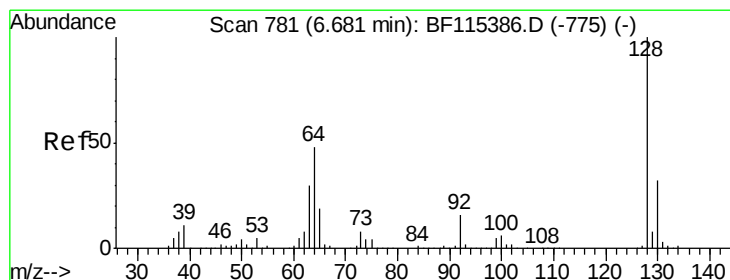
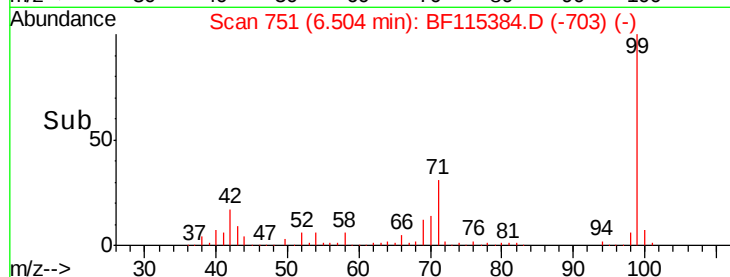
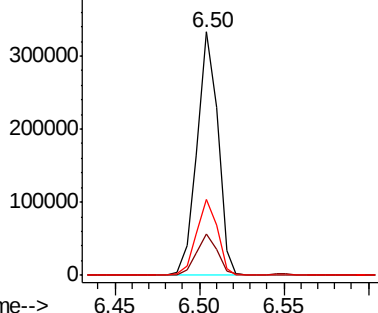
99 100

42 17.1 13.1 19.7

71 31.3 25.9 38.9



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: 11.384 ng

RT: 6.67 min Scan# 780

Delta R.T. -0.01 min

Lab File: BF115384.D

Acq: 5 Jul 2019 8:48

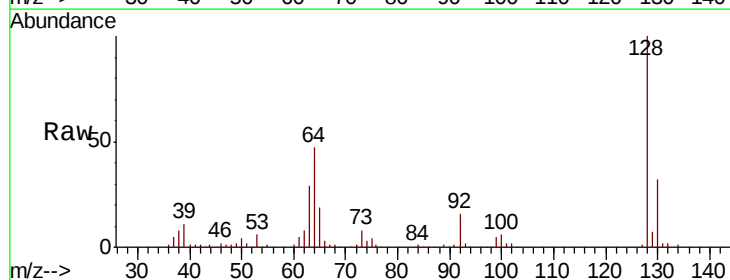
Tgt Ion: 128 Resp: 123082

Ion Ratio Lower Upper

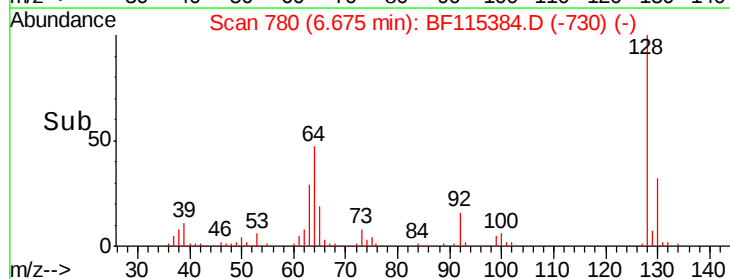
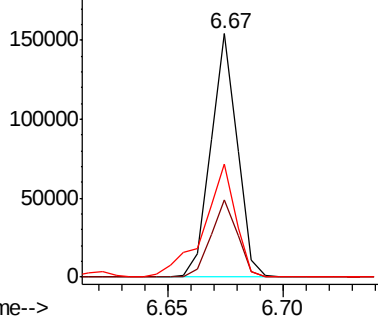
128 100

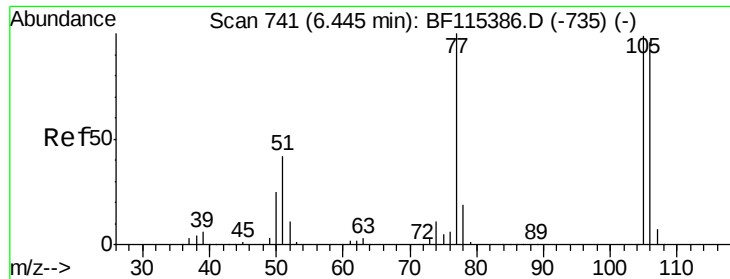
130 31.8 12.4 52.4

64 46.6 28.8 68.8



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: 12.972 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

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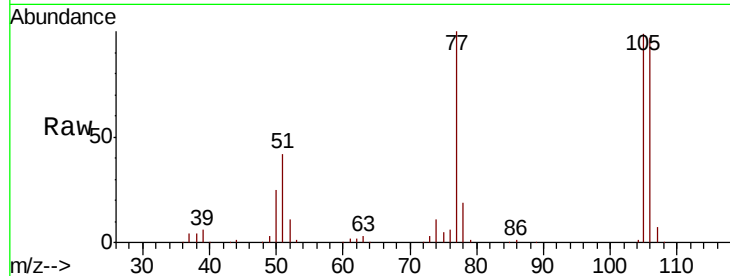
Tot Ion: 77 Resp: 98770

Ion Ratio Lower Upper

77 100

105 98.5 79.0 119.0

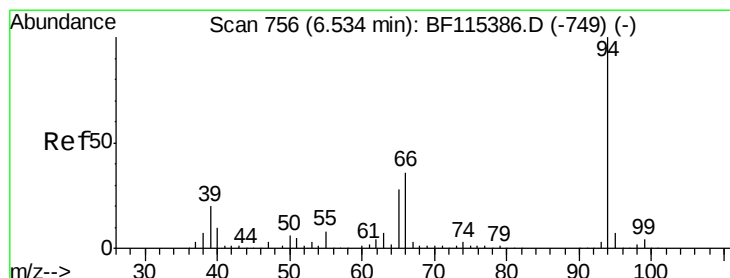
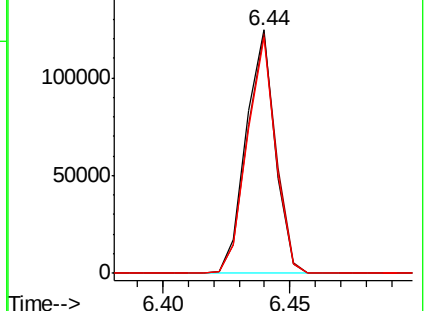
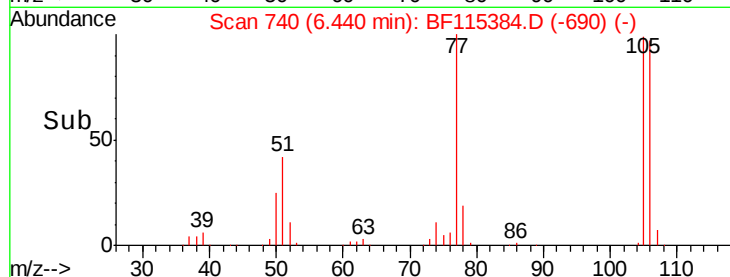
106 96.8 75.7 115.7



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: 11.206 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF115384.D

Acq: 5 Jul 2019 8:48

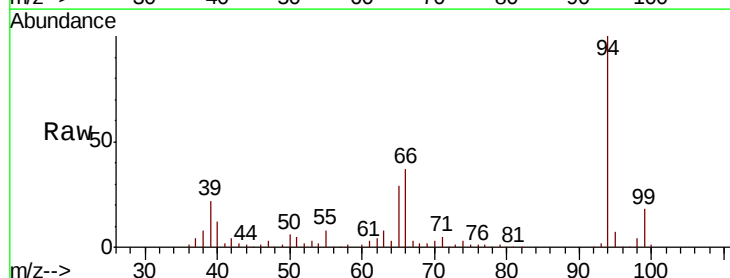
Tgt Ion: 94 Resp: 153189

Ion Ratio Lower Upper

94 100

65 28.7 8.0 48.0

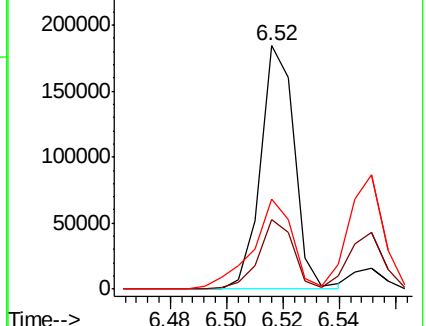
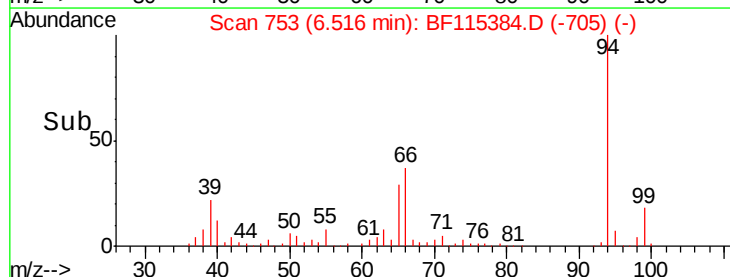
66 36.7 16.2 56.2

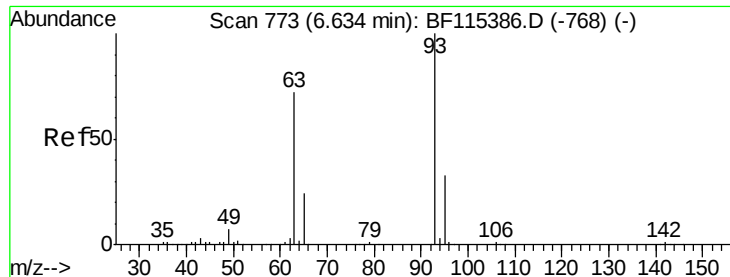


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

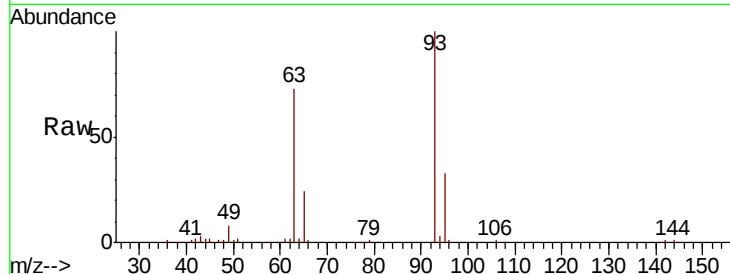




#11
bis(2-Chloroethyl)ether
Concen: 12.017 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF115384.D
Acq: 5 Jul 2019 8:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	93	Resp	121099
Ion Ratio	Lower	Upper	
93	100		
63	73.0	51.5	91.5
95	33.1	12.9	52.9

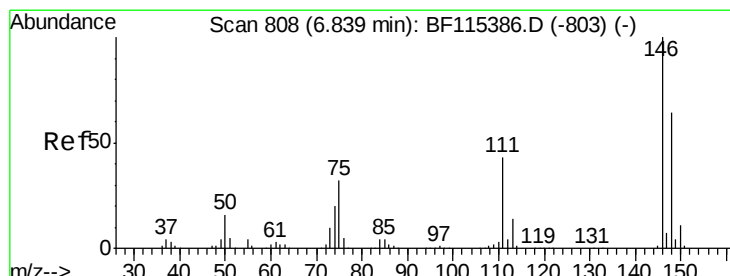
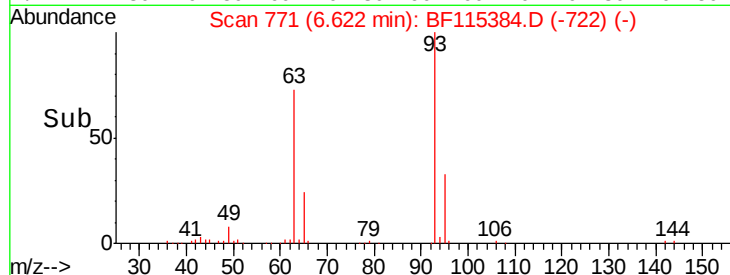
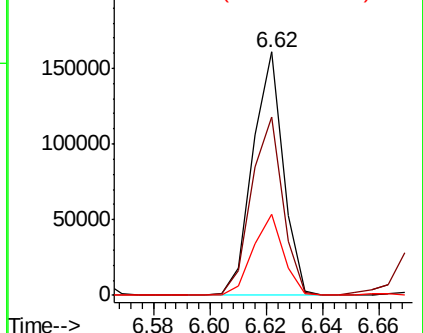


Abundance

Ion 93.00 (92.70 to 93.70): BF1

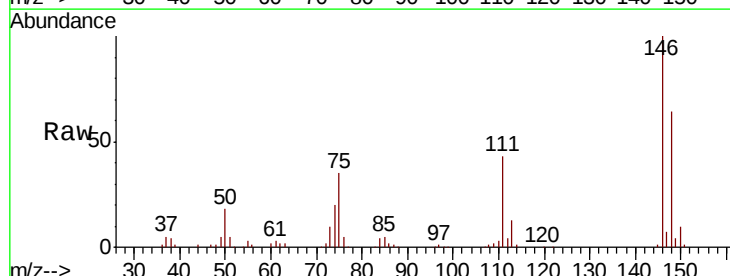
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 11.487 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF115384.D
Acq: 5 Jul 2019 8:48

Tgt Ion	146	Resp	137833
Ion Ratio	Lower	Upper	
146	100		
148	64.3	50.8	76.2
75	35.5	25.9	38.9

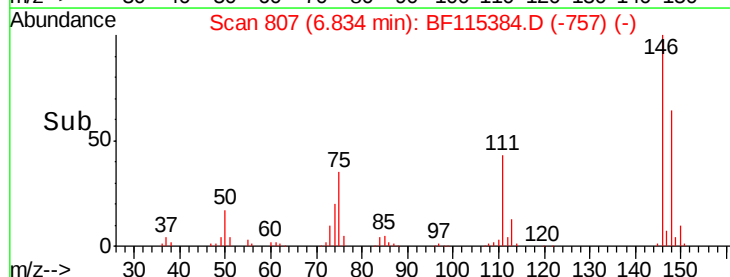
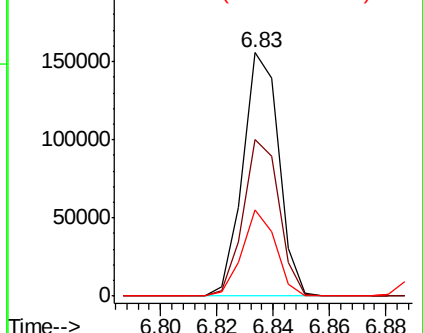


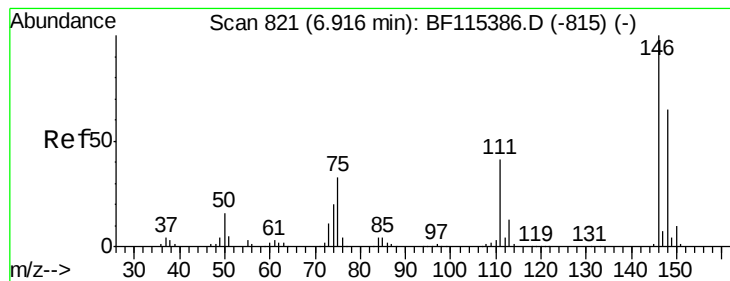
Abundance

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: 11.516 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF115384.D

Acq: 5 Jul 2019 8:48

Instrument :

BNA_F

ClientSampleId :

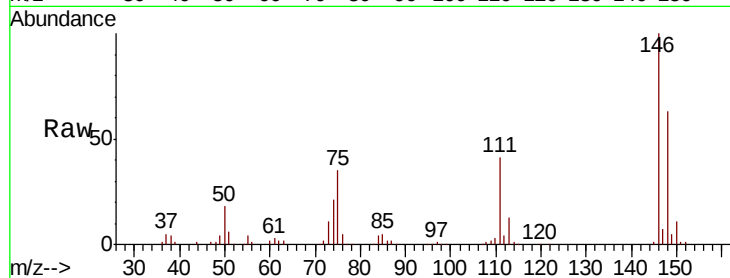
Tot Ion:146 Resp: 138565

Ion Ratio Lower Upper

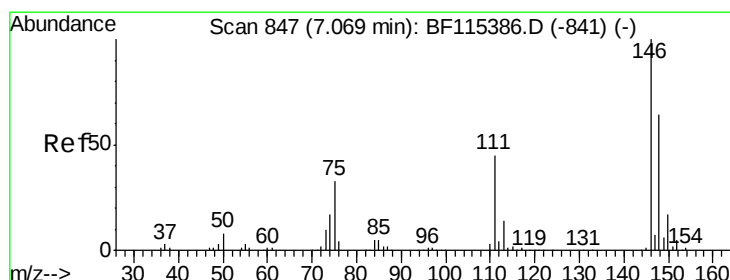
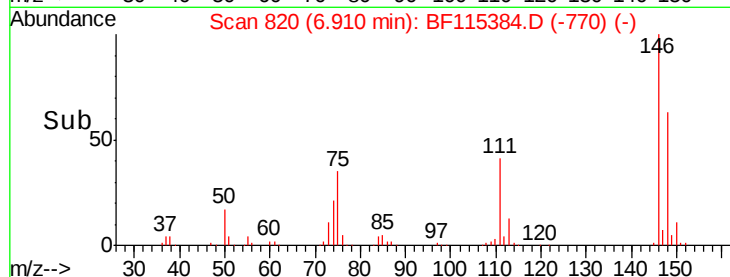
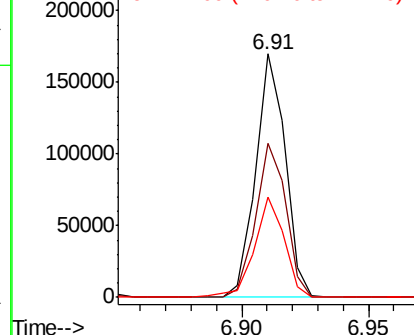
146 100

148 63.5 52.3 78.5

111 41.1 33.0 49.4



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: 11.876 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF115384.D

Acq: 5 Jul 2019 8:48

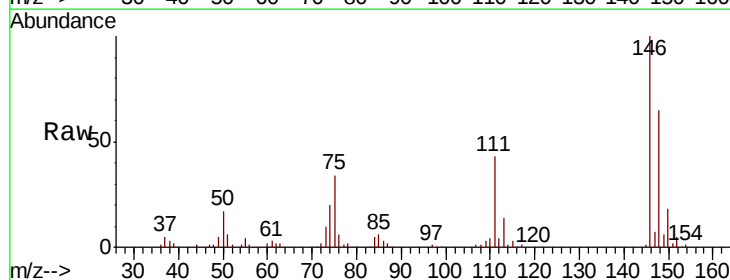
Tgt Ion:146 Resp: 132332

Ion Ratio Lower Upper

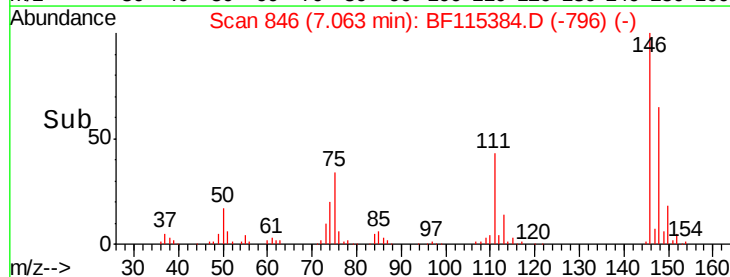
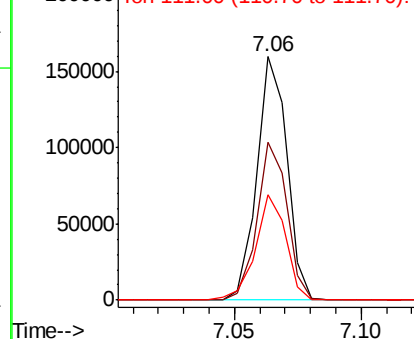
146 100

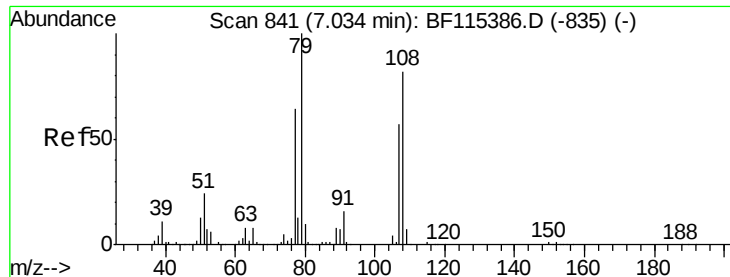
148 64.6 51.3 76.9

111 43.2 36.2 54.2



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: 13.068 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF115384.D

Acq: 5 Jul 2019 8:48

Instrument :

BNA_F

ClientSampleId :

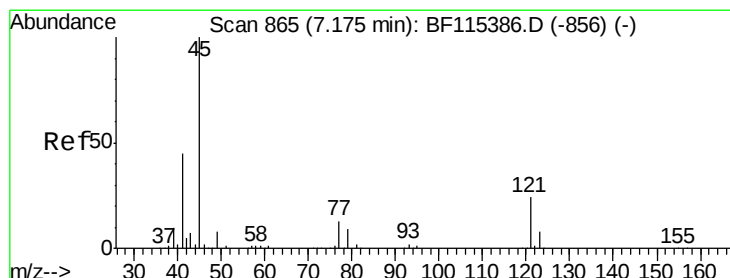
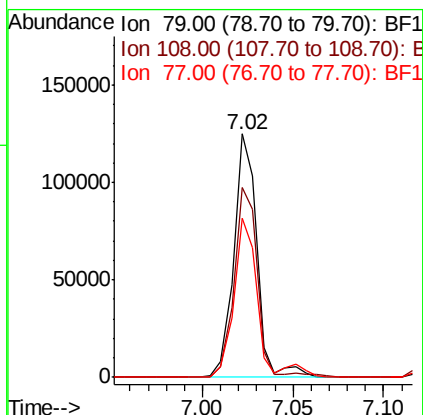
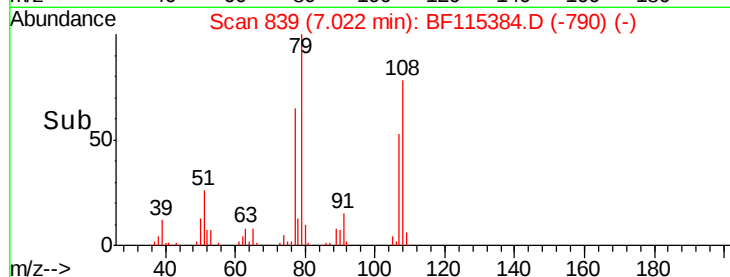
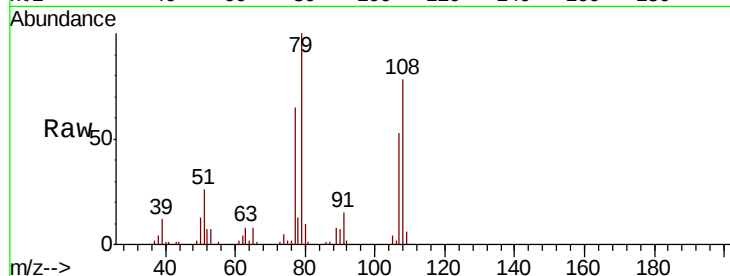
Tot Ion: 79 Resp: 111056

Ion Ratio Lower Upper

79 100

108 77.8 65.4 98.2

77 65.3 51.5 77.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 11.893 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF115384.D

Acq: 5 Jul 2019 8:48

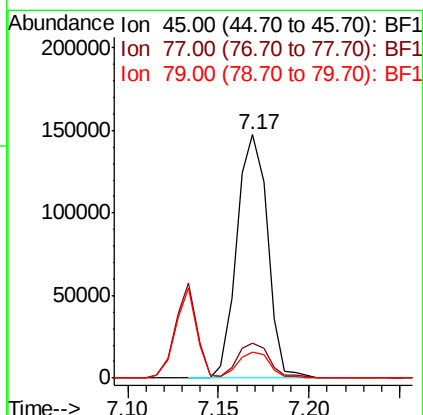
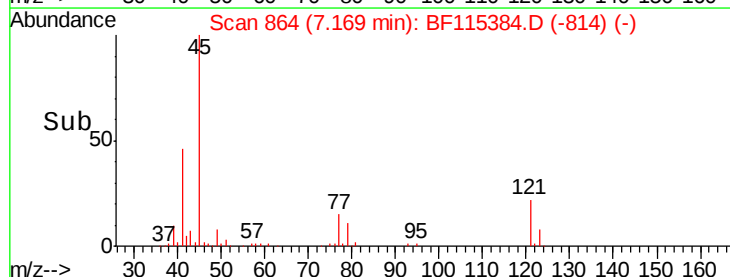
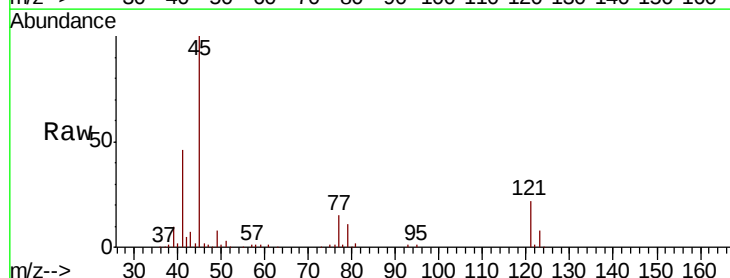
Tgt Ion: 45 Resp: 173821

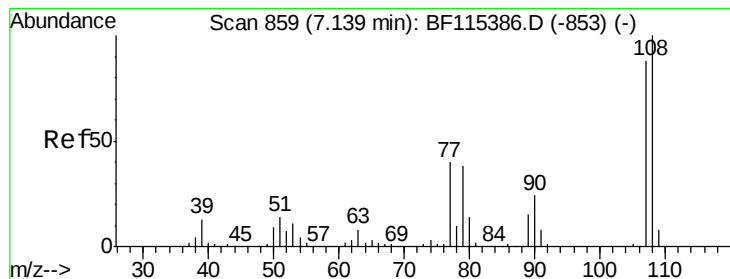
Ion Ratio Lower Upper

45 100

77 14.6 0.0 36.0

79 10.9 0.0 32.0

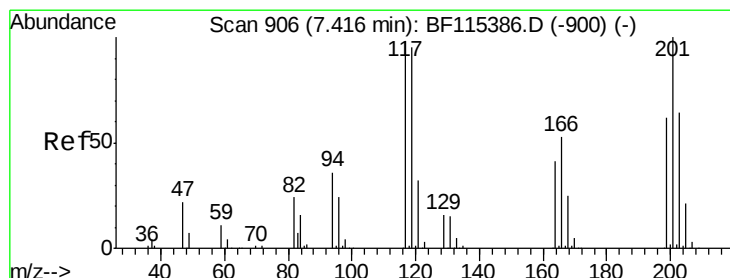
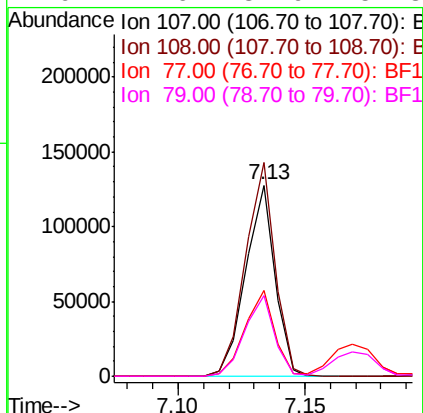
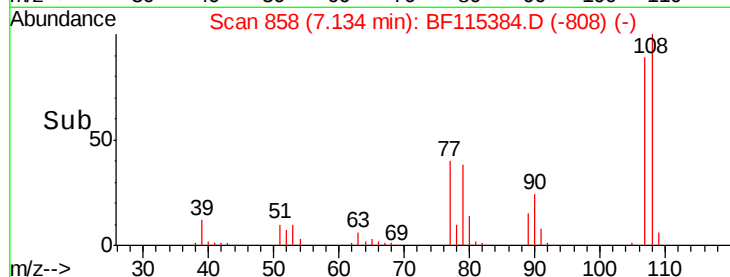
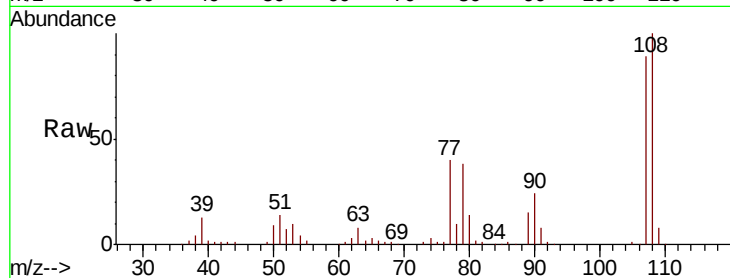




#17
2-Methylphenol
Concen: 11.531 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF115384.D
Acq: 5 Jul 2019 8:48

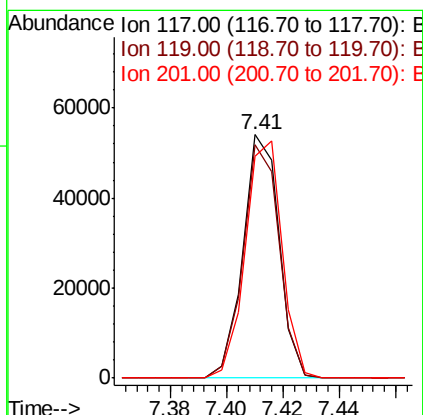
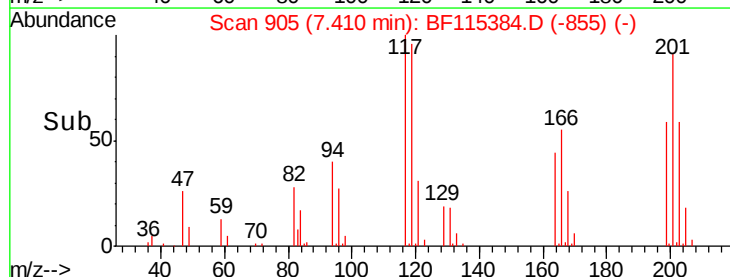
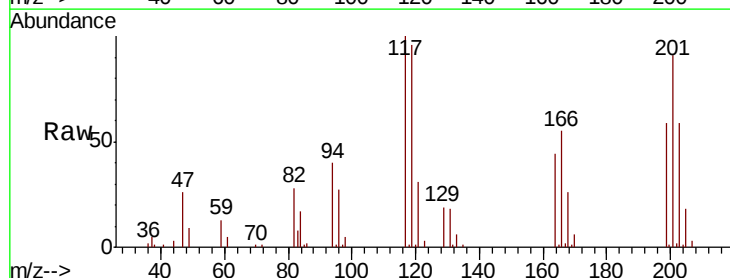
Instrument :
BNA_F
ClientSampled :

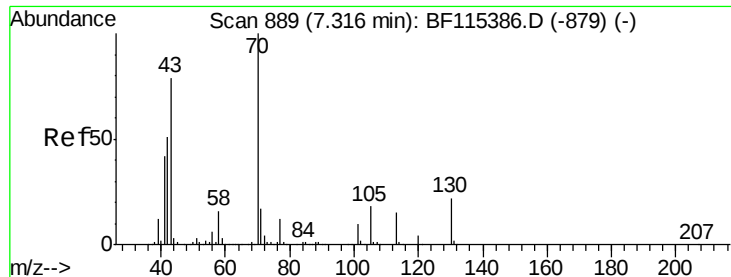
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.0	90.7	136.1
77	45.0	36.3	54.5
79	42.6	34.9	52.3



#18
Hexachloroethane
Concen: 11.023 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF115384.D
Acq: 5 Jul 2019 8:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	77.1	115.7
201	90.9	81.3	121.9

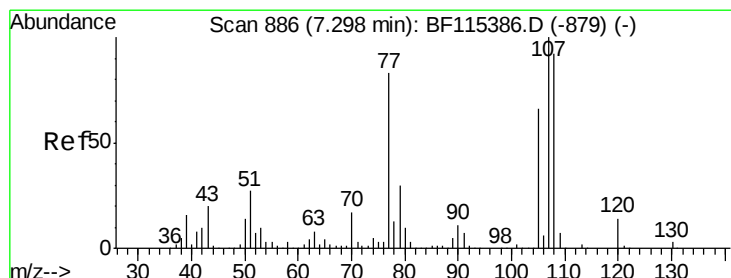
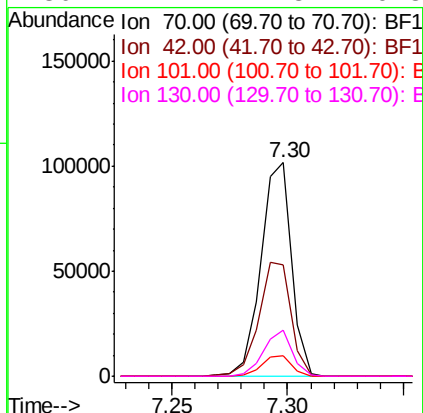
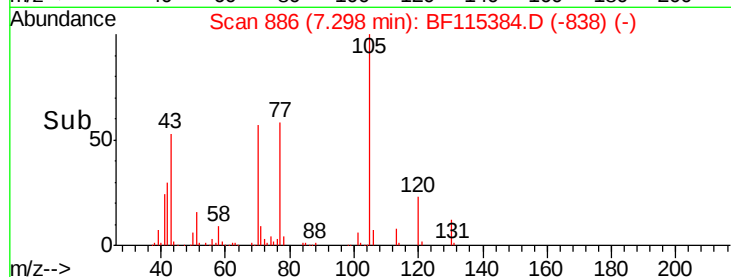
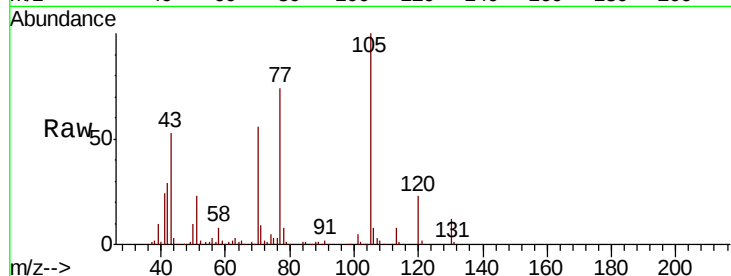




#19
n-Nitroso-di-n-propylamine
Concen: 12.578 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.02 min
Lab File: BF115384.D
Acq: 5 Jul 2019 8:48

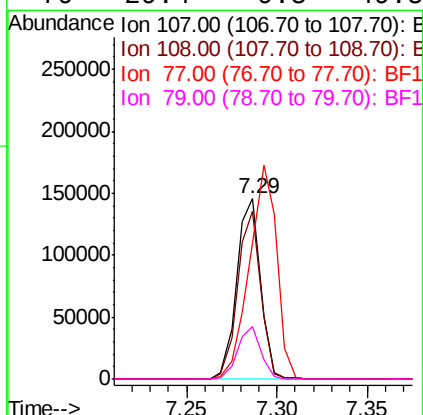
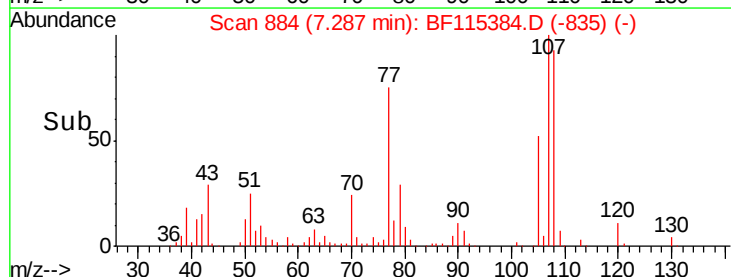
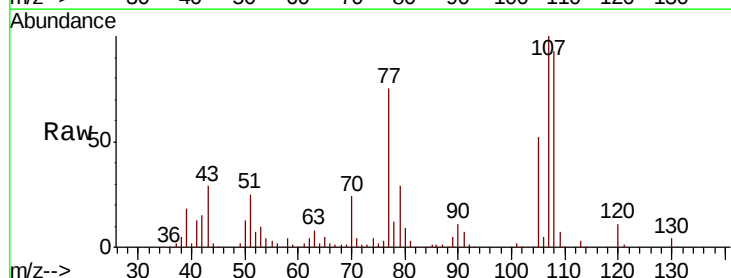
Instrument :
BNA_F
ClientSampleId :

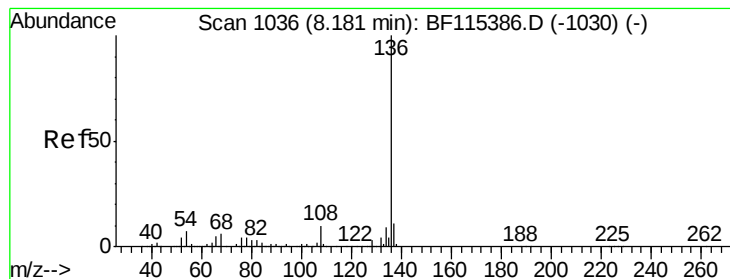
Tot Ion:	70	Resp:	93980
Ion	Ratio	Lower	Upper
70	100		
42	52.0	41.1	61.7
101	9.8	8.0	12.0
130	21.4	17.8	26.8



#20
3+4-Methylphenols
Concen: 12.917 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF115384.D
Acq: 5 Jul 2019 8:48

Tgt Ion:	107	Resp:	133102
Ion	Ratio	Lower	Upper
107	100		
108	93.1	72.5	112.5
77	75.4	62.7	102.7
79	29.4	9.5	49.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF115384.D

Acq: 5 Jul 2019 8:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 619490

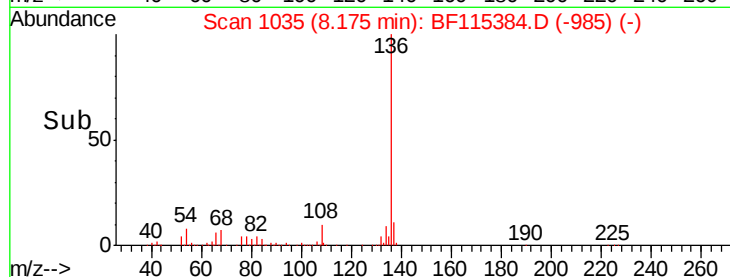
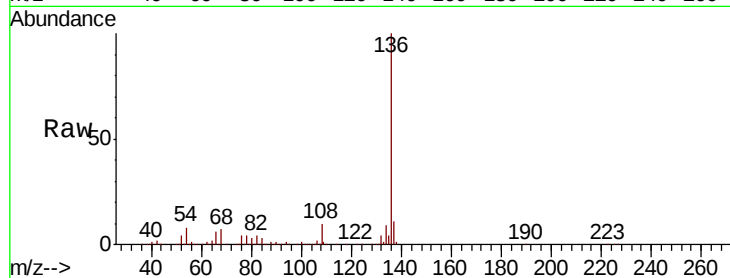
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 7.7 5.6 8.4

68 6.6 4.9 7.3



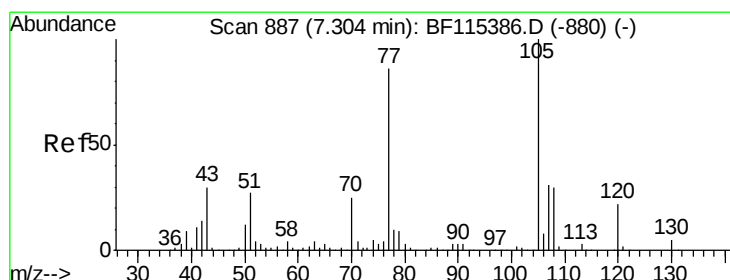
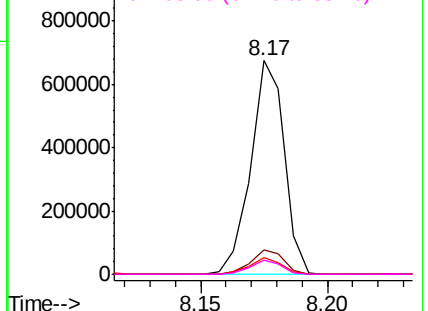
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 12.703 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF115384.D

Acq: 5 Jul 2019 8:48

Tgt Ion:105 Resp: 180158

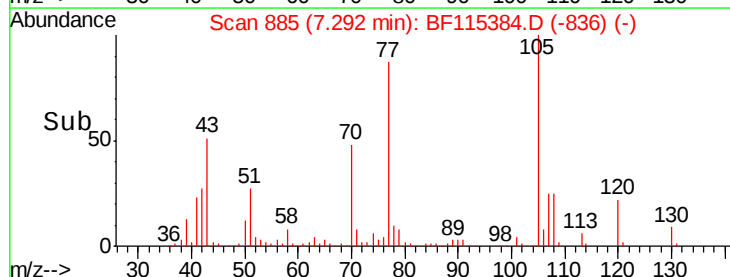
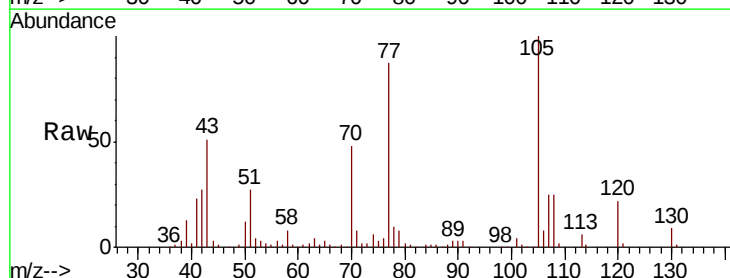
Ion Ratio Lower Upper

105 100

71 8.2 3.3 4.9#

51 27.2 21.5 32.3

120 21.6 17.8 26.6



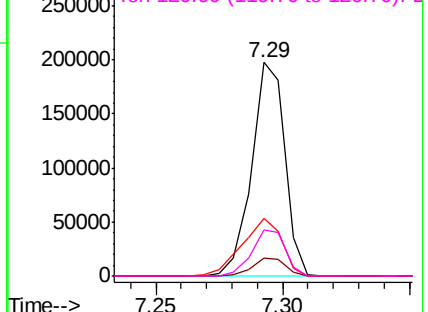
Abundance

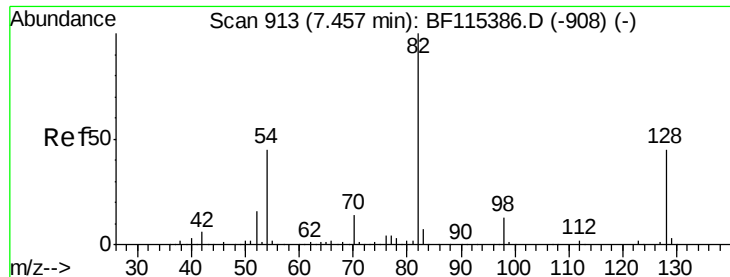
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 20.937 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF115384.D

Acq: 5 Jul 2019 8:48

Instrument :

BNA_F

ClientSampleId :

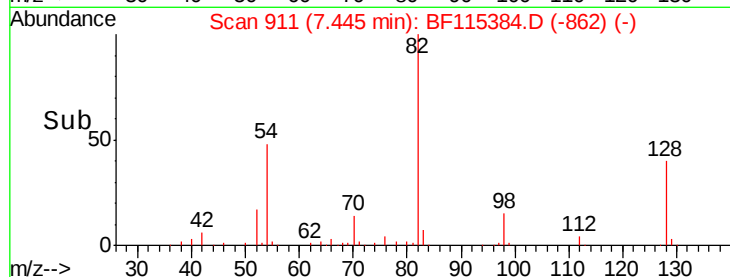
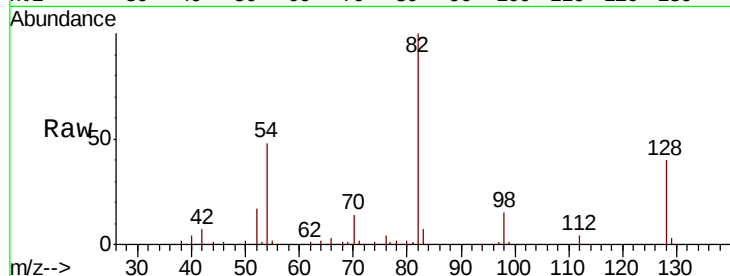
Tot Ion: 82 Resp: 210841

Ion Ratio Lower Upper

82 100

128 40.1 35.7 53.5

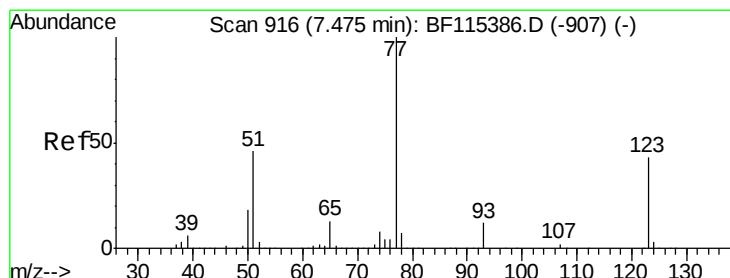
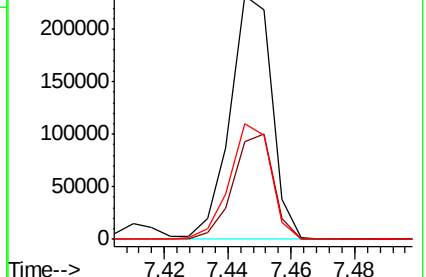
54 47.7 36.3 54.5



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 11.228 ng

RT: 7.47 min Scan# 915

Delta R.T. -0.01 min

Lab File: BF115384.D

Acq: 5 Jul 2019 8:48

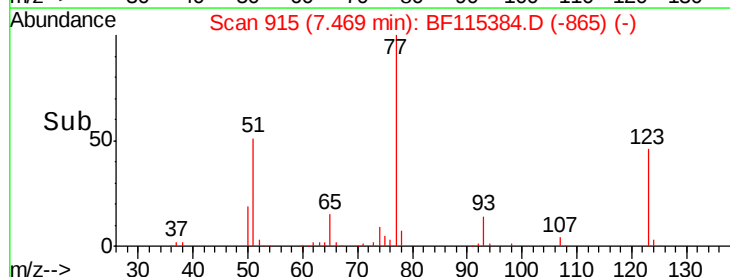
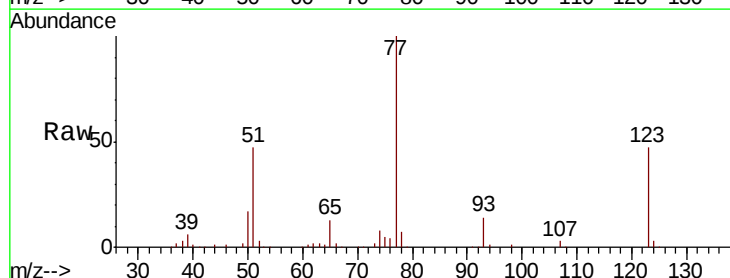
Tgt Ion: 77 Resp: 124568

Ion Ratio Lower Upper

77 100

123 46.8 35.0 52.6

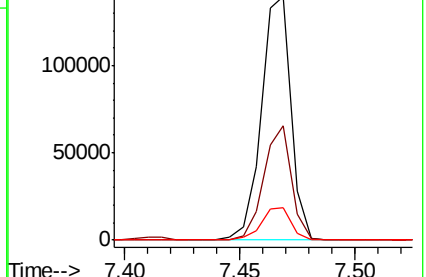
65 13.1 10.8 16.2

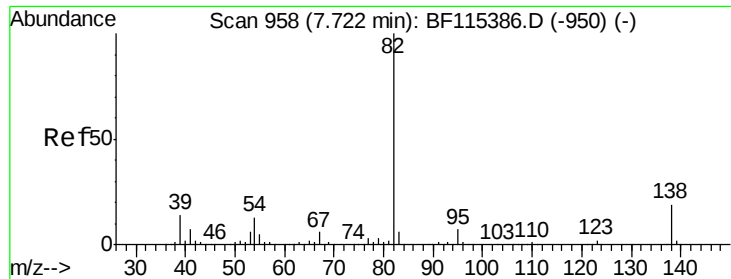


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 12.298 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF115384.D

Acq: 5 Jul 2019 8:48

Instrument :

BNA_F

ClientSampleId :

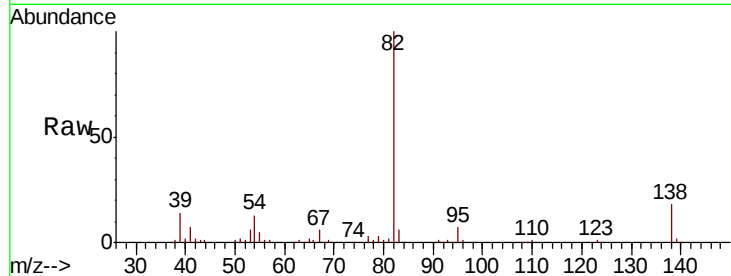
Tot Ion: 82 Resp: 253696

Ion Ratio Lower Upper

82 100

95 6.5 5.4 8.0

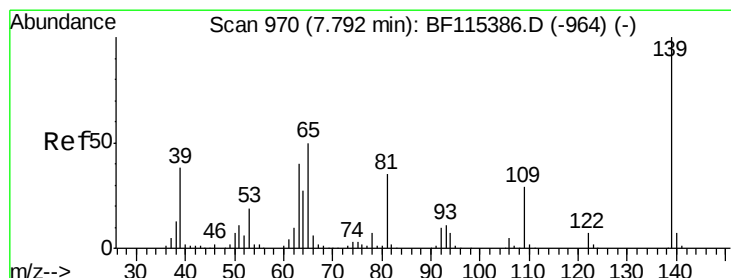
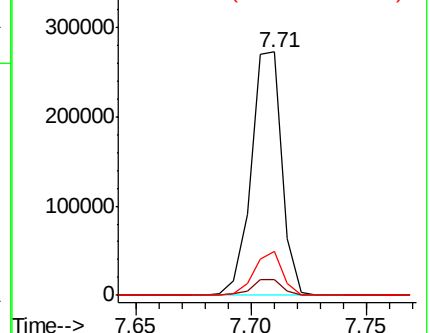
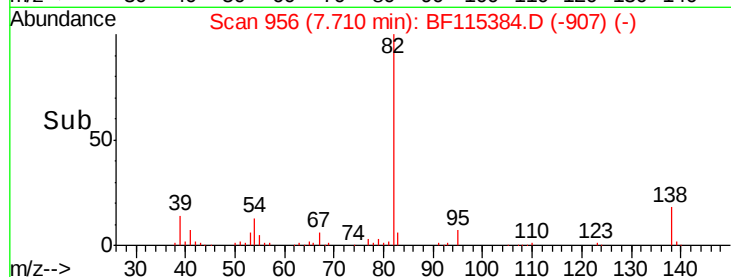
138 18.3 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 6.823 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.01 min

Lab File: BF115384.D

Acq: 5 Jul 2019 8:48

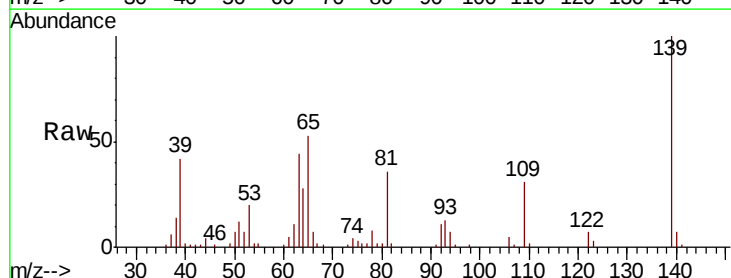
Tgt Ion: 139 Resp: 37384

Ion Ratio Lower Upper

139 100

109 31.2 22.9 34.3

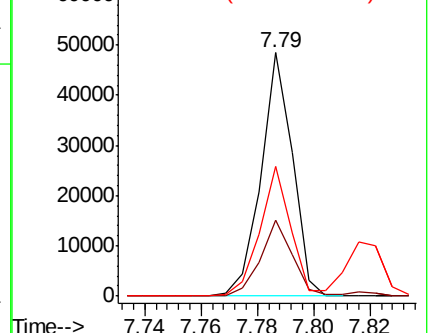
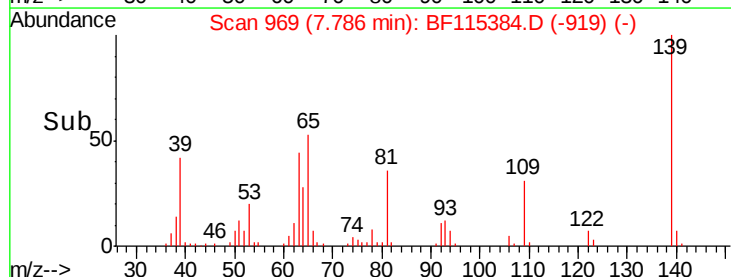
65 53.1 40.2 60.4

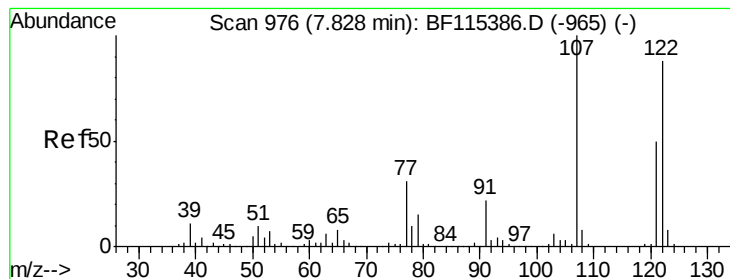


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 11.671 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF115384.D

Acq: 5 Jul 2019 8:48

Instrument :

BNA_F

ClientSampleId :

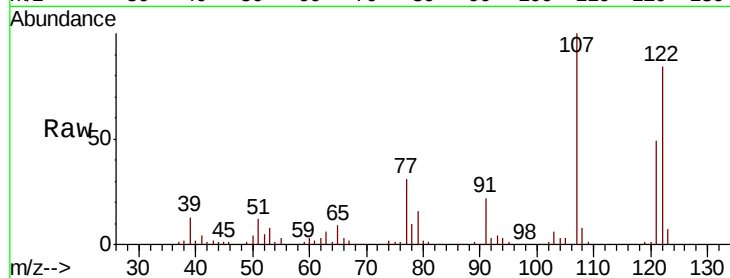
Tot Ion:122 Resp: 104696

Ion Ratio Lower Upper

122 100

107 119.2 91.0 136.6

121 58.0 45.9 68.9

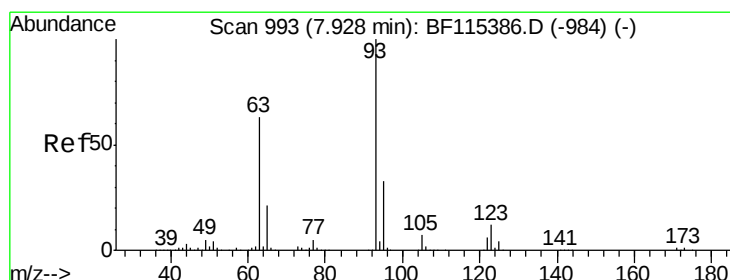
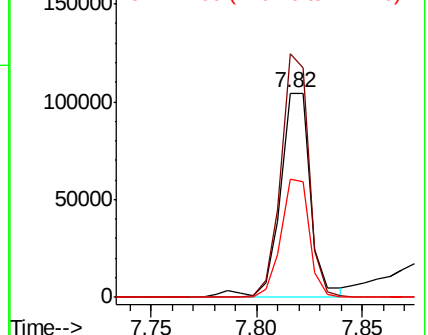
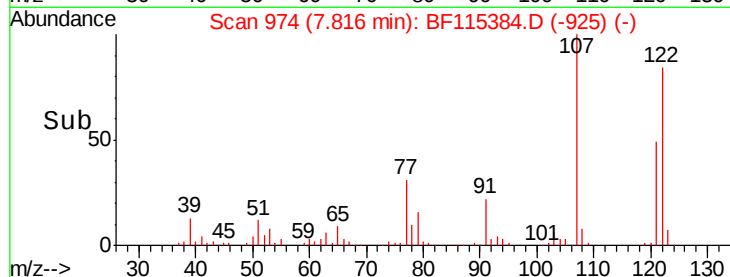


Abundance

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: 12.290 ng

RT: 7.92 min Scan# 992

Delta R.T. -0.01 min

Lab File: BF115384.D

Acq: 5 Jul 2019 8:48

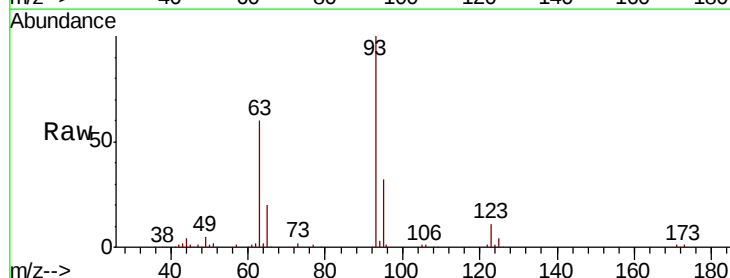
Tgt Ion: 93 Resp: 160247

Ion Ratio Lower Upper

93 100

95 31.9 26.6 39.8

123 11.5 10.0 15.0

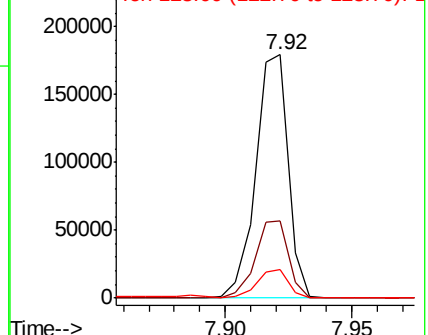
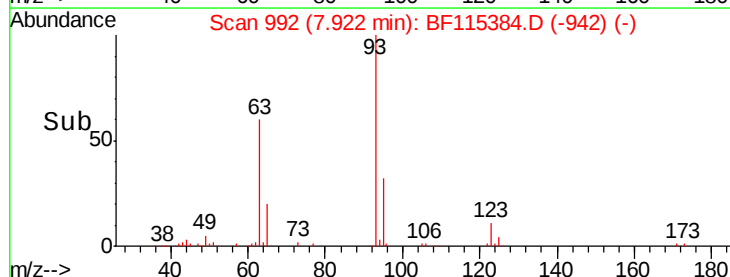


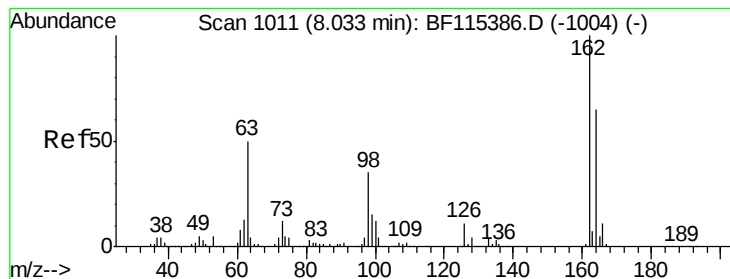
Abundance

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: 10.989 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF115384.D

Acq: 5 Jul 2019 8:48

Instrument :

BNA_F

ClientSampleId :

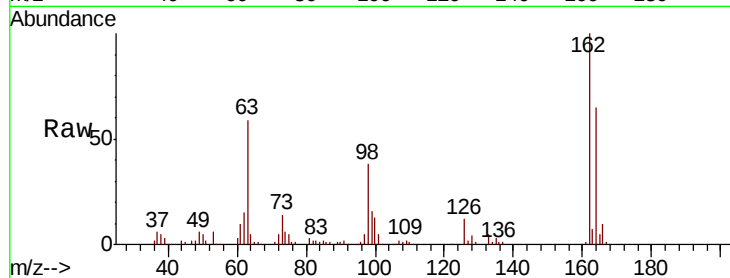
Tot Ion:162 Resp: 101731

Ion Ratio Lower Upper

162 100

164 64.7 44.6 84.6

98 38.1 15.0 55.0

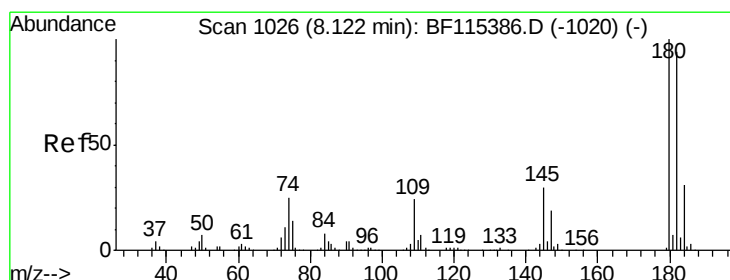
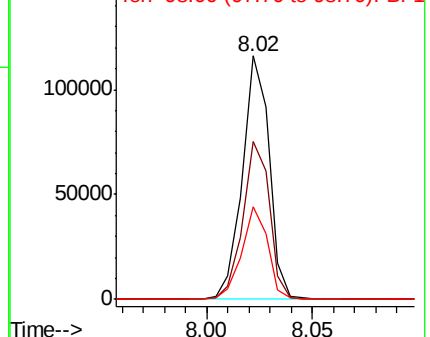
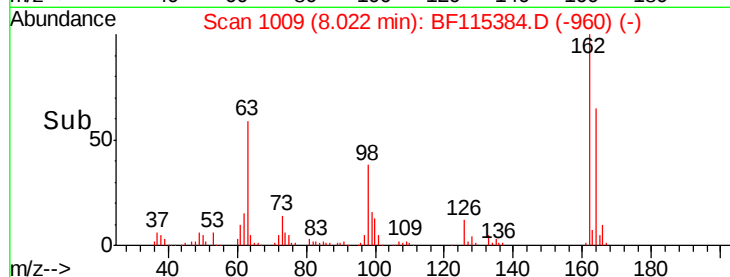


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 11.454 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF115384.D

Acq: 5 Jul 2019 8:48

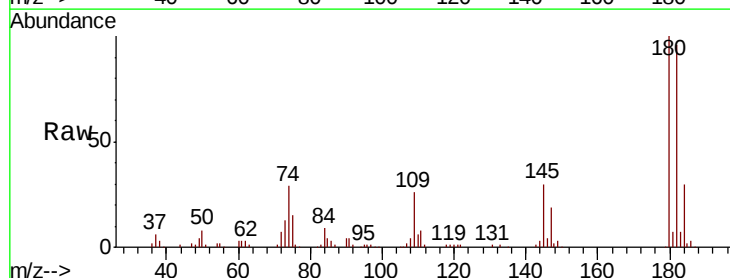
Tgt Ion:180 Resp: 117130

Ion Ratio Lower Upper

180 100

182 96.4 75.6 113.4

145 30.0 23.8 35.6

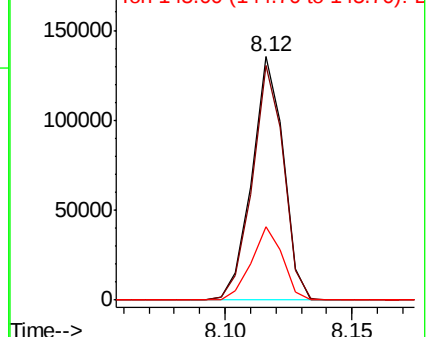
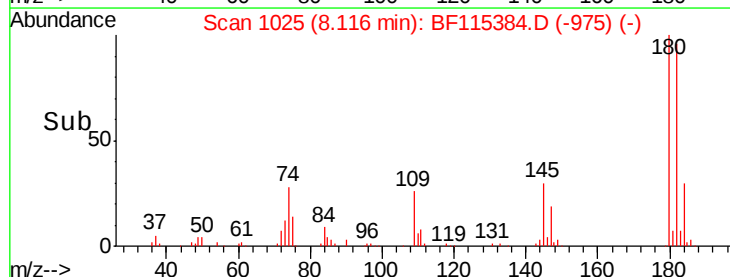


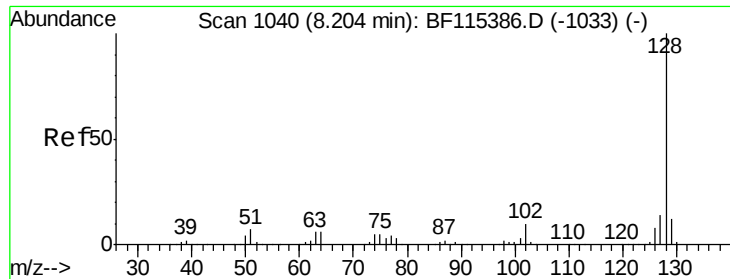
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

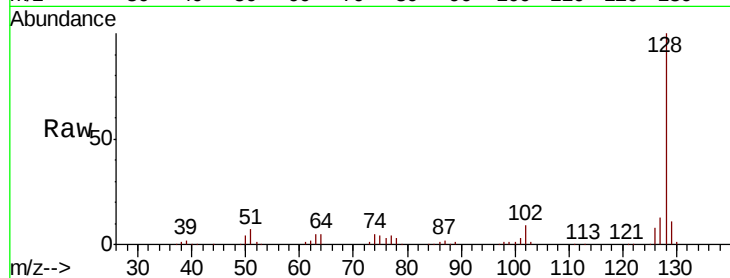




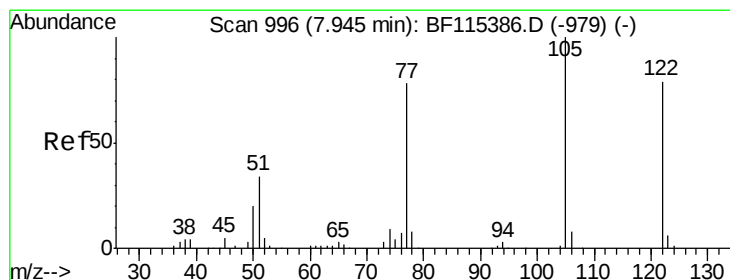
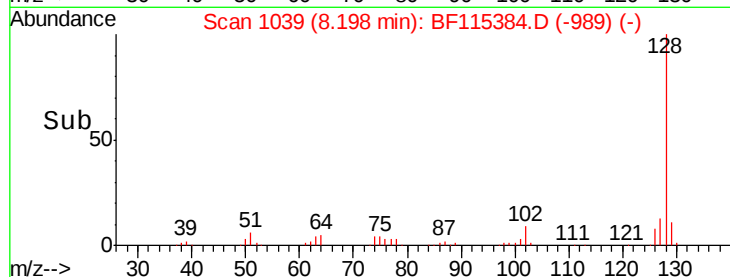
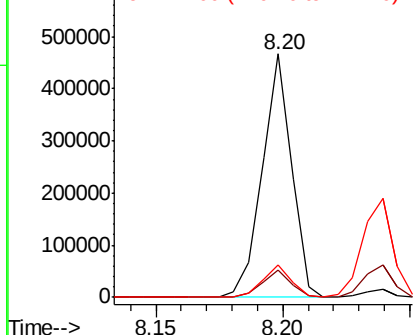
#31
Naphthalene
Concen: 12.331 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF115384.D
Acq: 5 Jul 2019 8:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 374968
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.2
127 13.2 11.2 16.8

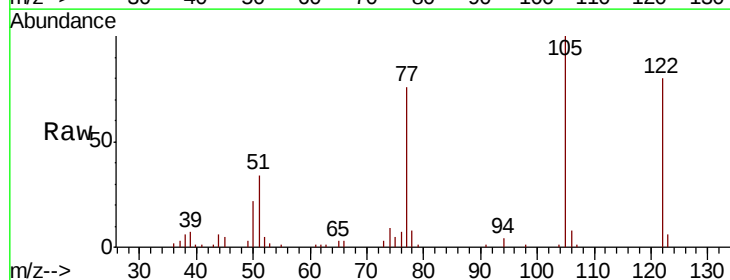


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

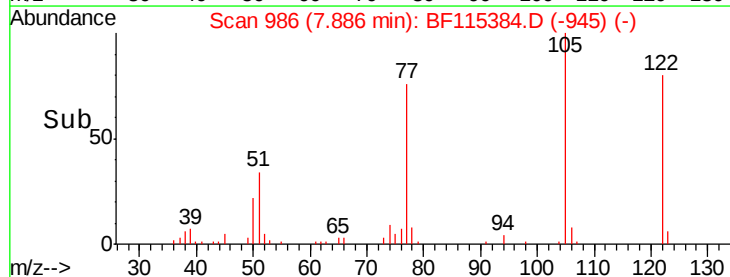
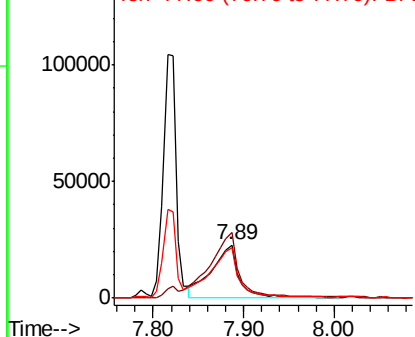


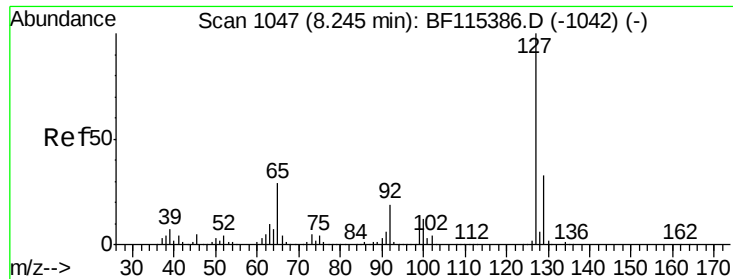
#32
Benzoic acid
Concen: 7.457 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.06 min
Lab File: BF115384.D
Acq: 5 Jul 2019 8:48

Tgt Ion:122 Resp: 47751
Ion Ratio Lower Upper
122 100
105 124.3 105.1 145.1
77 94.9 77.8 117.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

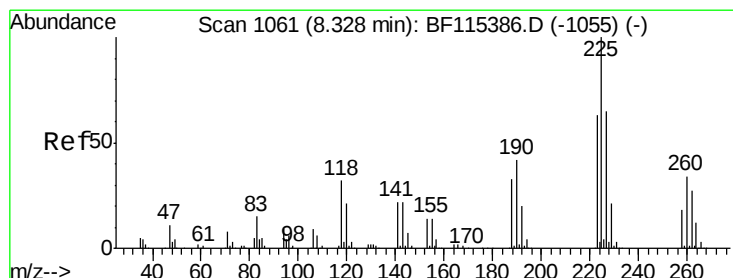
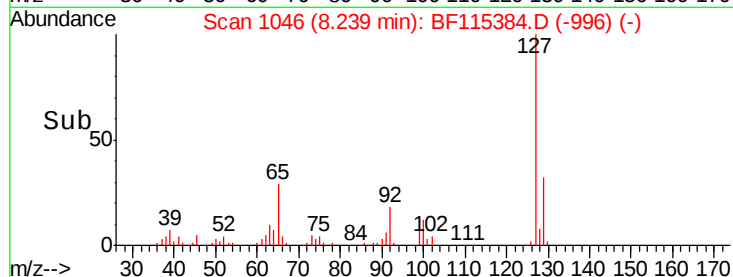
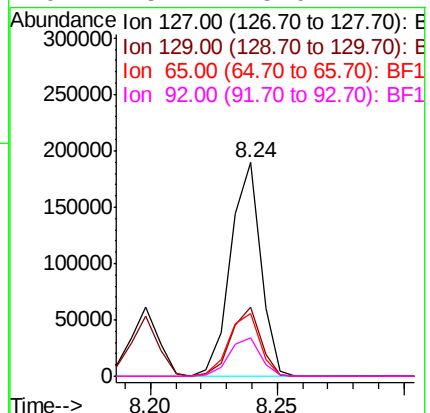
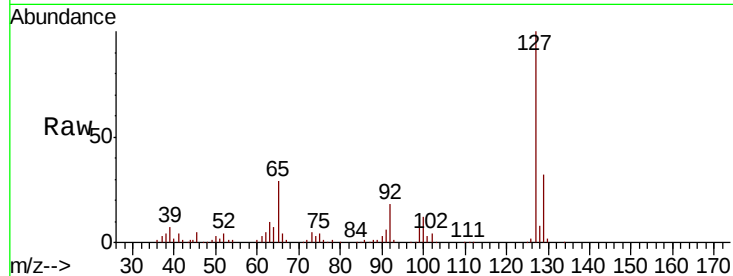




#33
4-Chloroaniline
Concen: 11.267 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF115384.D
Acq: 5 Jul 2019 8:48

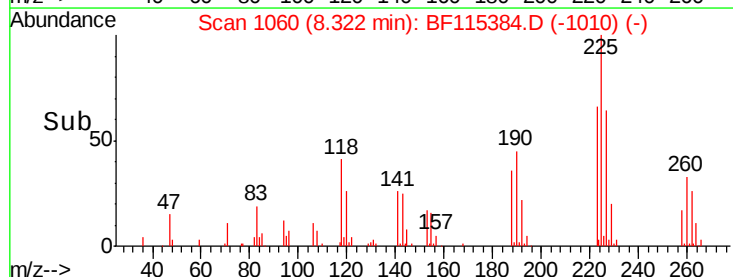
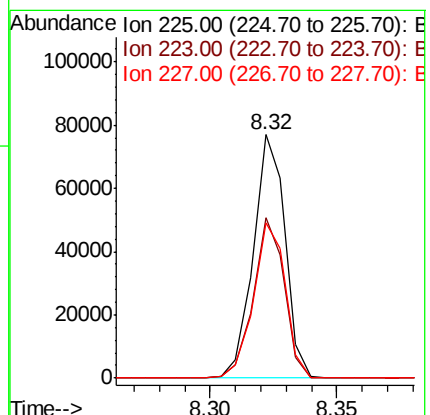
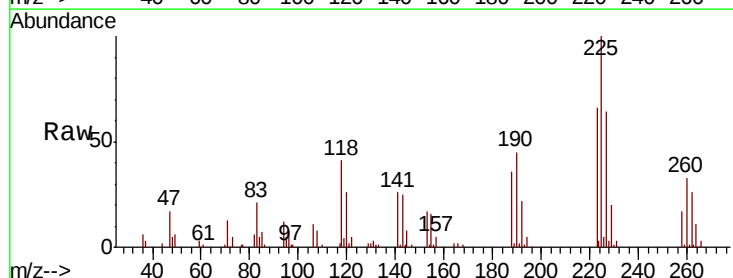
Instrument :
BNA_F
ClientSampleId :

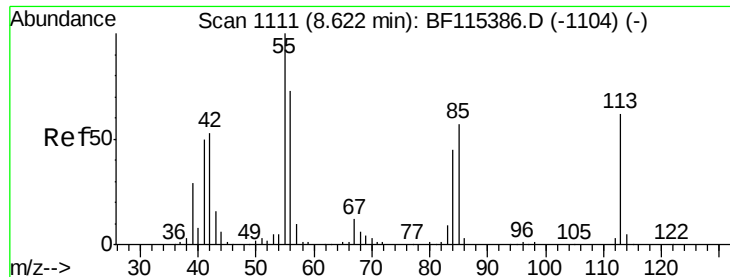
Tot Ion:	127	Resp:	156587
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.5	39.7
65	29.1	23.3	34.9
92	18.1	15.0	22.4



#34
Hexachlorobutadiene
Concen: 11.917 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF115384.D
Acq: 5 Jul 2019 8:48

Tgt Ion:	225	Resp:	66779
Ion	Ratio	Lower	Upper
225	100		
223	65.8	50.7	76.1
227	64.0	52.1	78.1

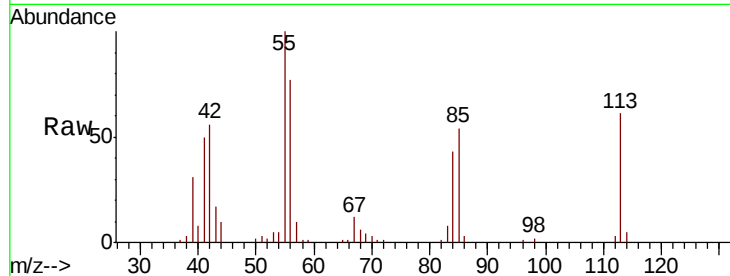




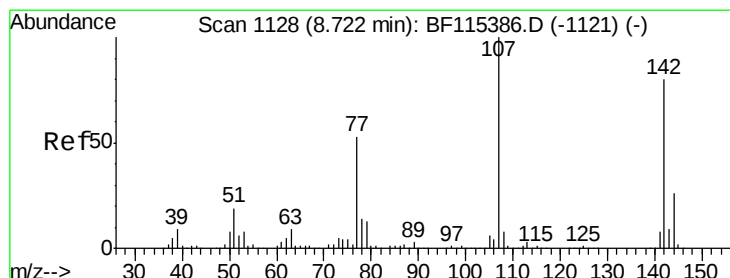
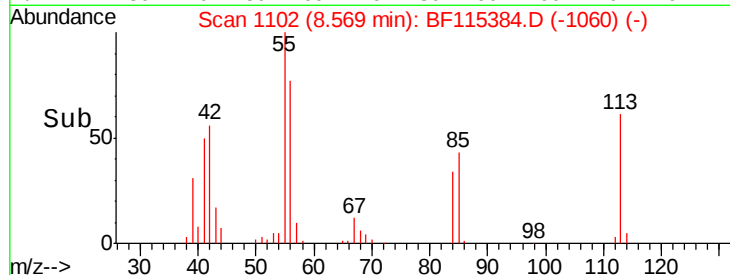
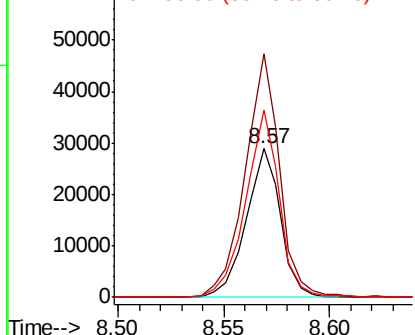
#35
Caprolactam
Concen: 10.391 ng
RT: 8.57 min Scan# 1102
Delta R.T. -0.05 min
Lab File: BF115384.D
Acq: 5 Jul 2019 8:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 32341
Ion Ratio Lower Upper
113 100
55 163.7 141.9 181.9
56 125.6 98.7 138.7

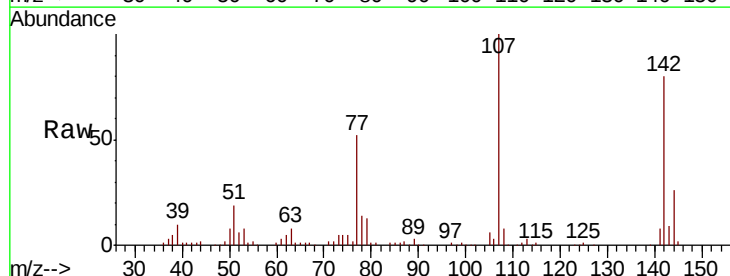


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

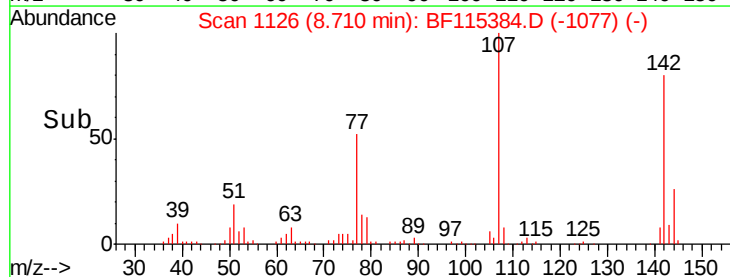
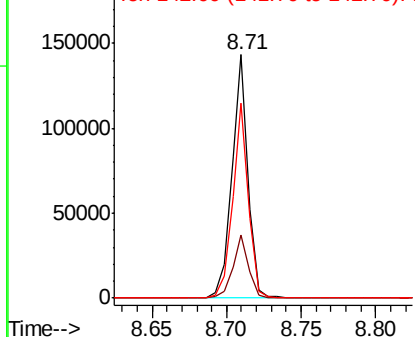


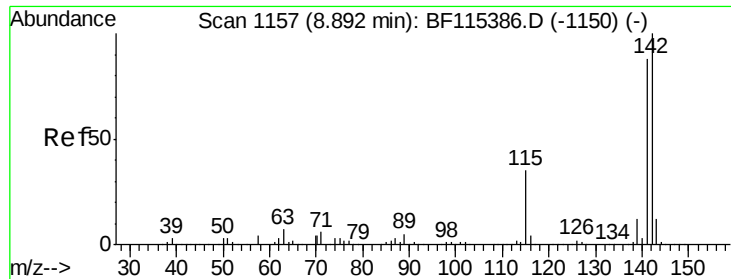
#36
4-Chloro-3-methylphenol
Concen: 11.716 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF115384.D
Acq: 5 Jul 2019 8:48

Tgt Ion:107 Resp: 109841
Ion Ratio Lower Upper
107 100
144 25.8 20.8 31.2
142 79.8 64.0 96.0



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

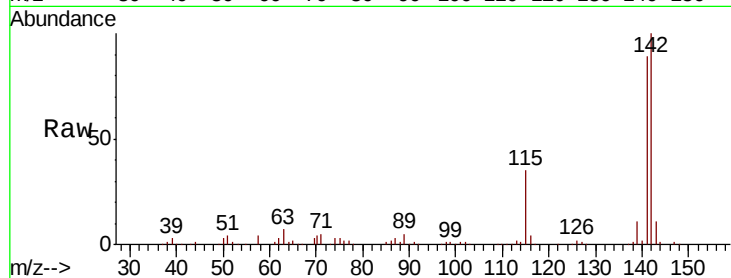




#37
2-Methylnaphthalene
Concen: 12.183 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF115384.D
Acq: 5 Jul 2019 8:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.6	106.0
115	34.7	27.8	41.8

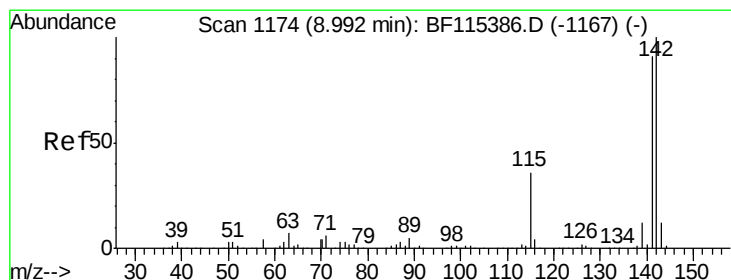
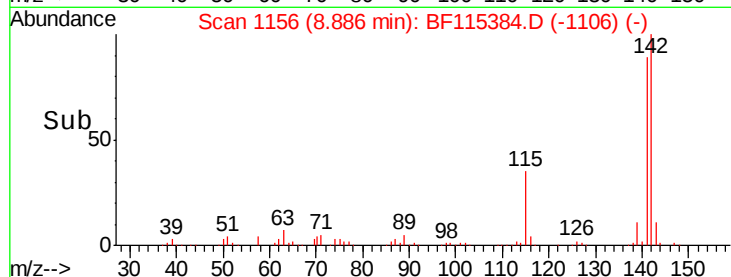
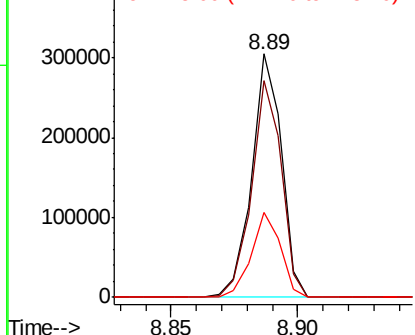


Abundance

Ion 142.00 (141.70 to 142.70): E

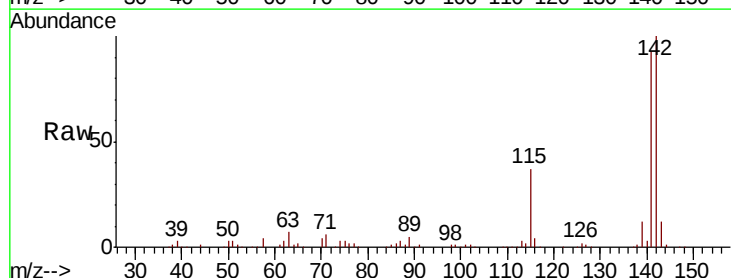
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 12.225 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF115384.D
Acq: 5 Jul 2019 8:48

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	72.7	109.1
116	3.8	3.0	4.4

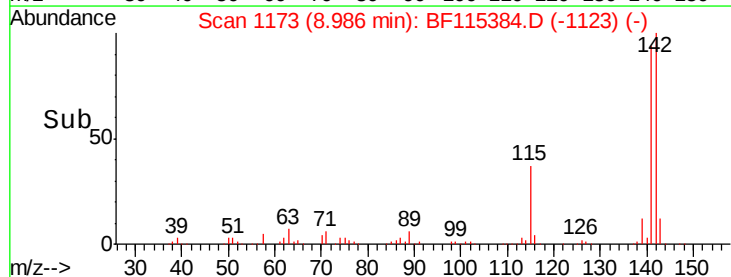
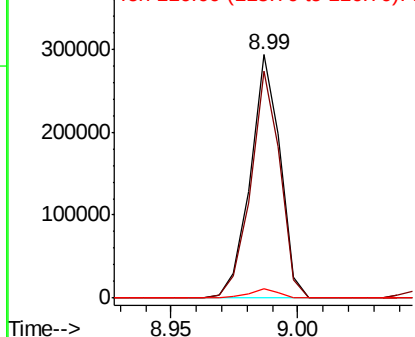


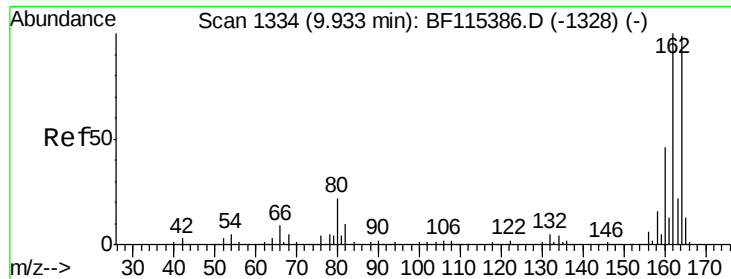
Abundance

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

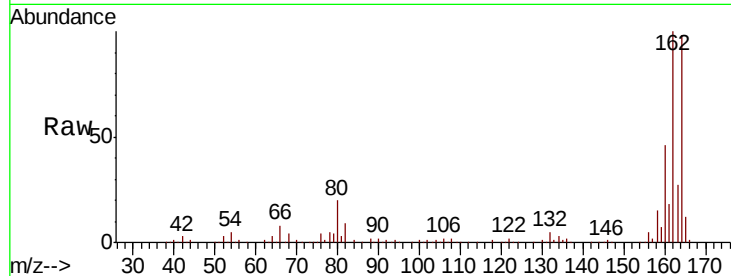




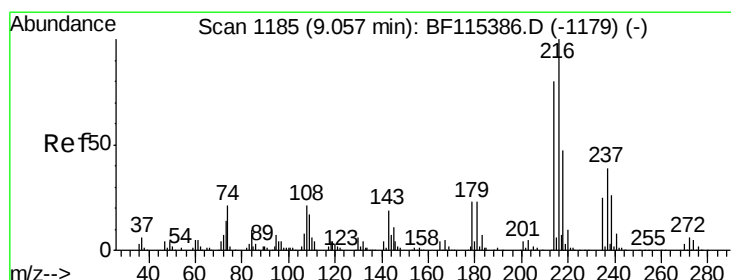
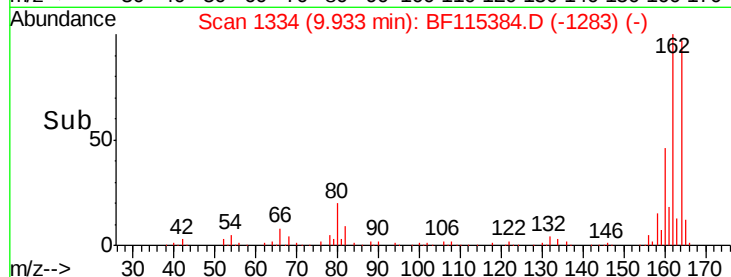
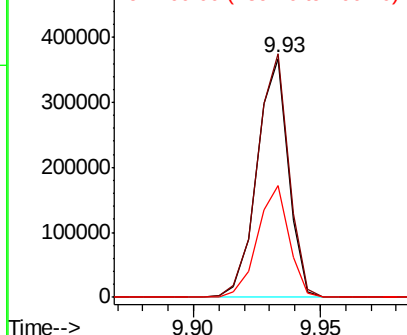
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF115384.D
Acq: 5 Jul 2019 8:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 318330
Ion Ratio Lower Upper
164 100
162 101.9 80.6 121.0
160 46.7 37.0 55.6

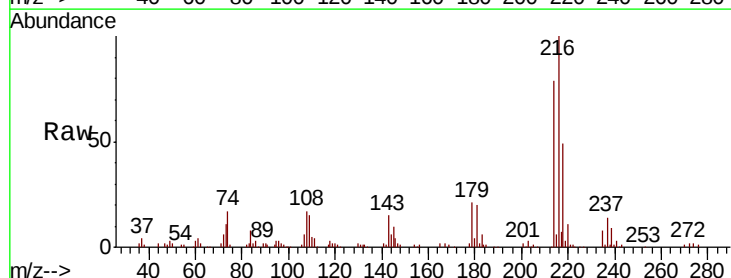


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

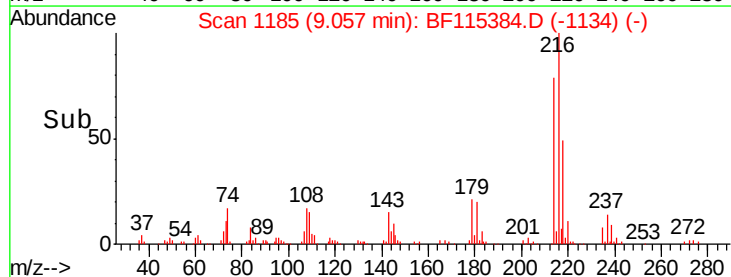
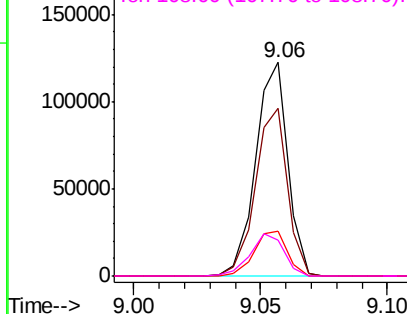


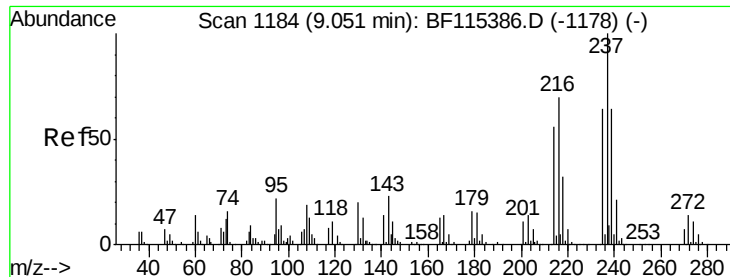
#40
1,2,4,5-Tetrachlorobenzene
Concen: 11.997 ng
RT: 9.06 min Scan# 1185
Delta R.T. 0.00 min
Lab File: BF115384.D
Acq: 5 Jul 2019 8:48

Tgt Ion:216 Resp: 107915
Ion Ratio Lower Upper
216 100
214 78.7 63.7 95.5
179 21.7 17.8 26.8
108 20.9 16.7 25.1



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: 10.383 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF115384.D

Acq: 5 Jul 2019 8:48

Instrument :

BNA_F

ClientSampleId :

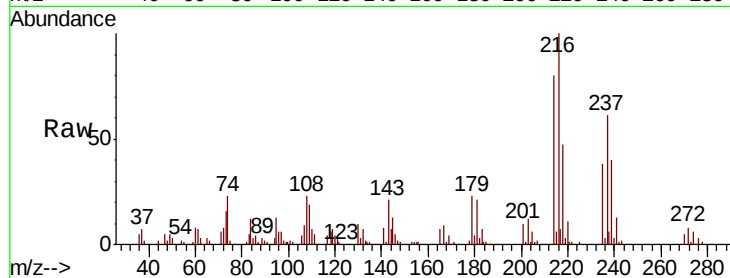
Tot Ion:237 Resp: 55381

Ion Ratio Lower Upper

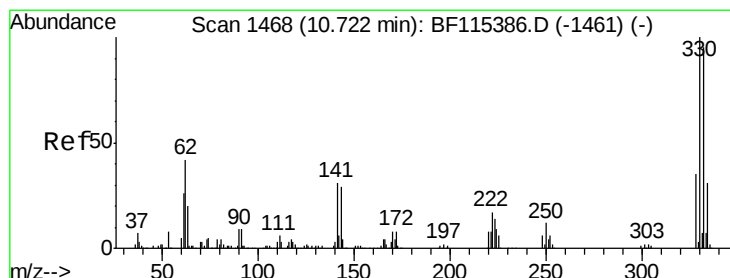
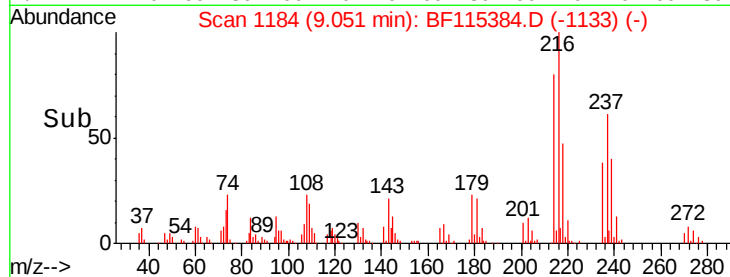
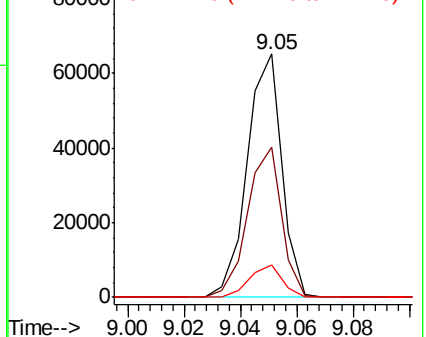
237 100

235 61.9 44.4 84.4

272 13.3 0.0 33.7



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: 23.708 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BF115384.D

Acq: 5 Jul 2019 8:48

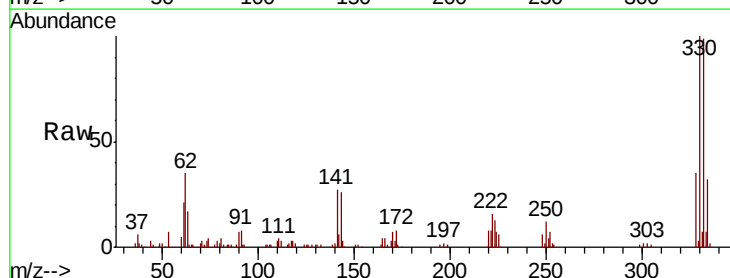
Tgt Ion:330 Resp: 79585

Ion Ratio Lower Upper

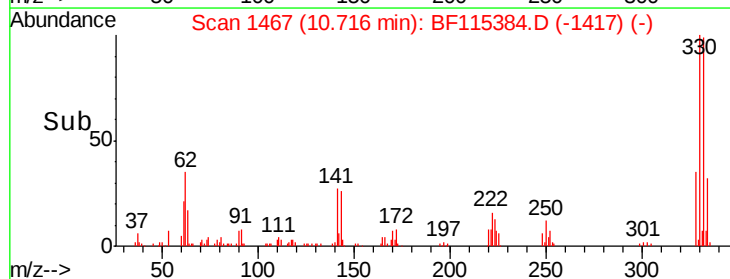
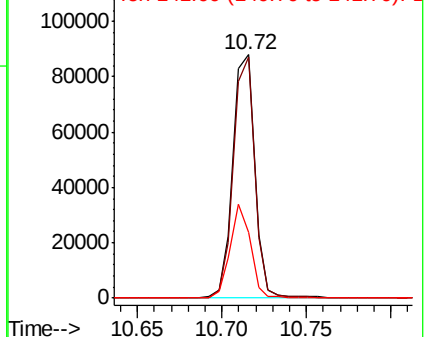
330 100

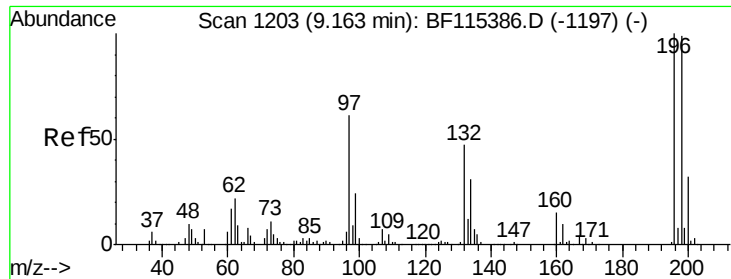
332 95.9 76.3 114.5

141 35.7 27.0 40.4



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

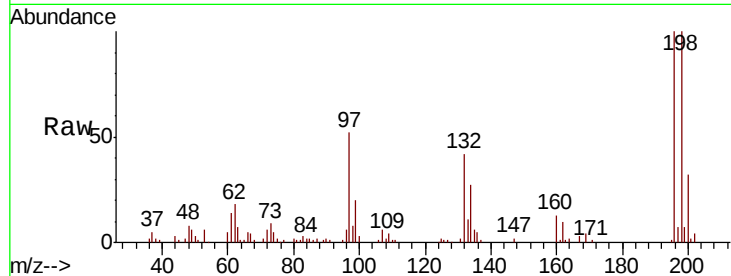




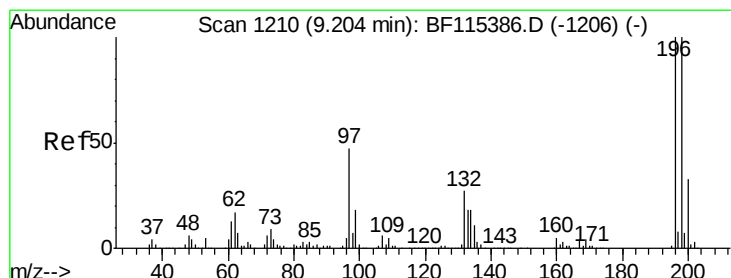
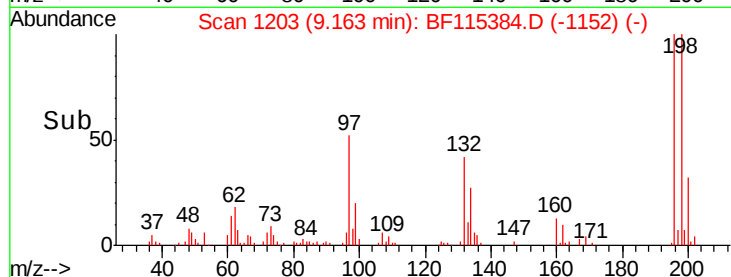
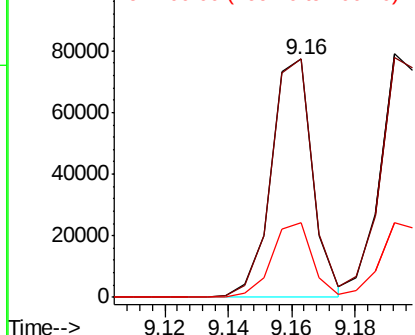
#43
 2,4,6-Trichlorophenol
 Concen: 10.102 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF115384.D
 Acq: 5 Jul 2019 8:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 70154
 Ion Ratio Lower Upper
 196 100
 198 100.1 79.5 119.3
 200 31.6 25.8 38.8

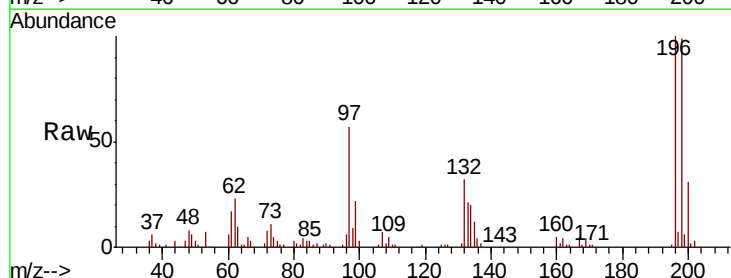


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

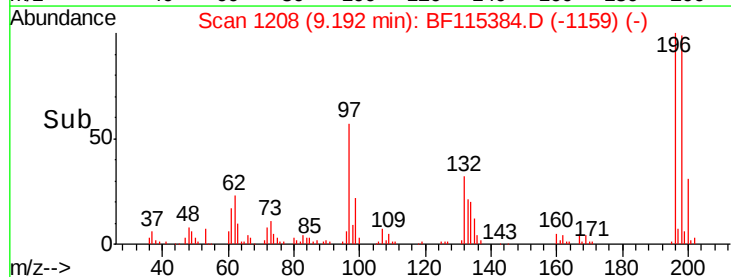
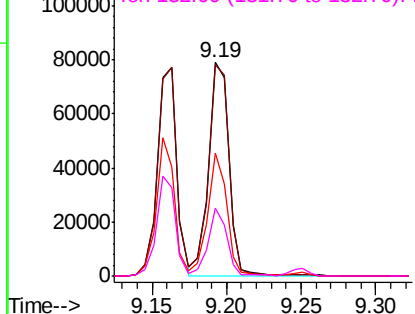


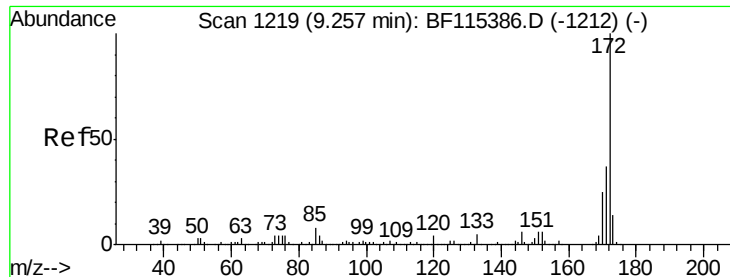
#44
 2,4,5-Trichlorophenol
 Concen: 10.484 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF115384.D
 Acq: 5 Jul 2019 8:48

Tgt Ion:196 Resp: 74978
 Ion Ratio Lower Upper
 196 100
 198 98.7 80.3 120.5
 97 57.5 38.3 57.5
 132 31.8 22.2 33.2



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

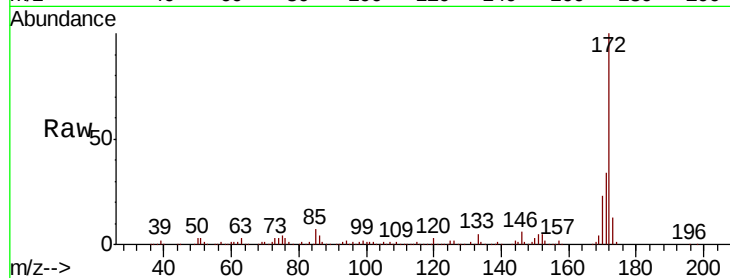




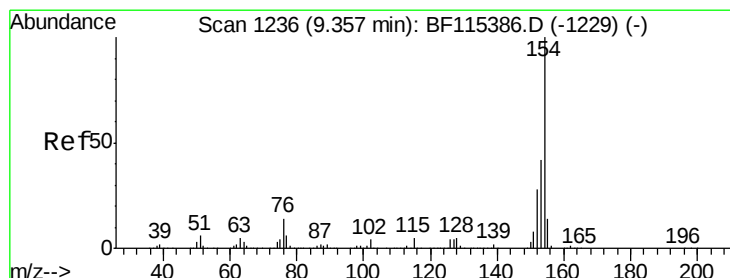
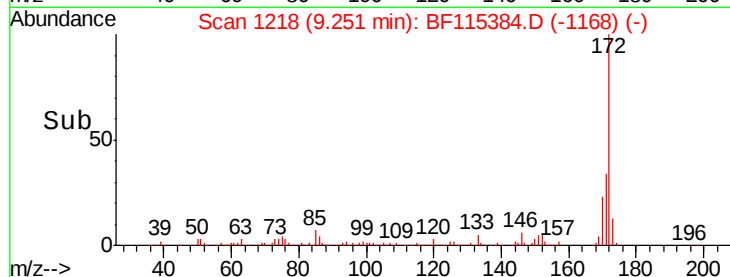
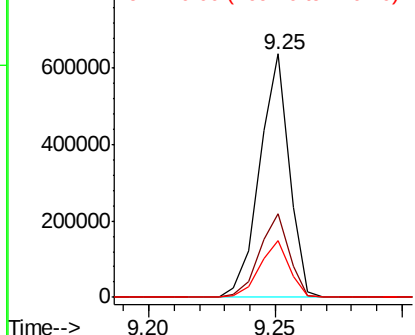
#45
2-Fluorobiphenyl
Concen: 27.729 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF115384.D
Acq: 5 Jul 2019 8:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.2	29.8	44.8
170	23.4	20.2	30.4

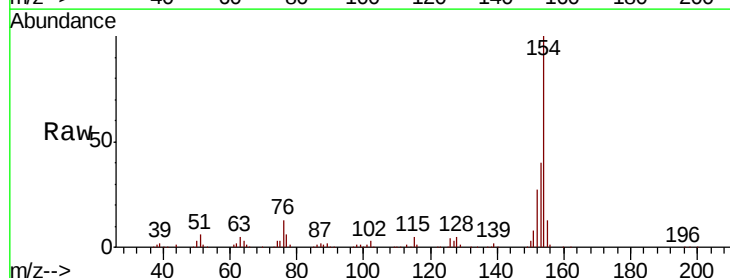


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

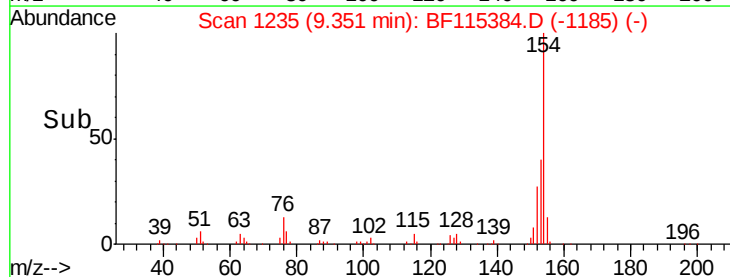
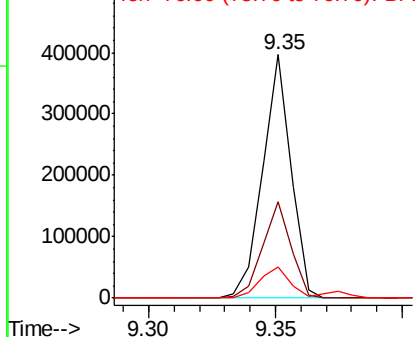


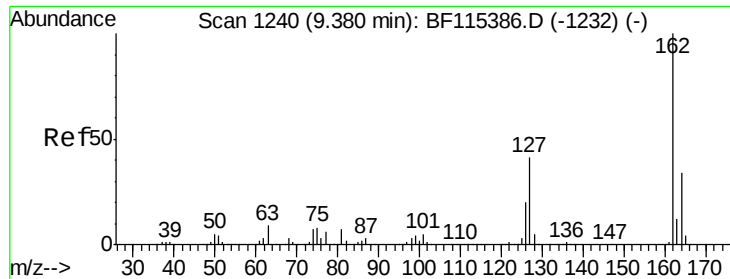
#46
1,1'-Biphenyl
Concen: 12.114 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.01 min
Lab File: BF115384.D
Acq: 5 Jul 2019 8:48

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.6	21.9	61.9
76	13.0	0.0	34.3



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

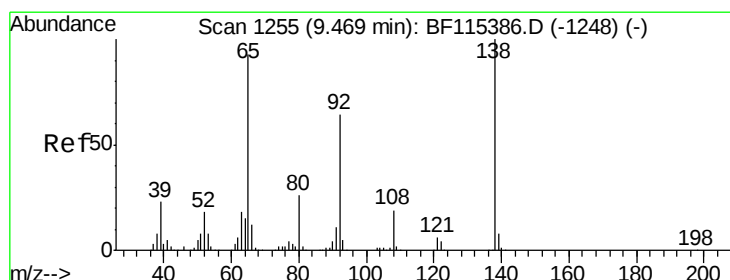
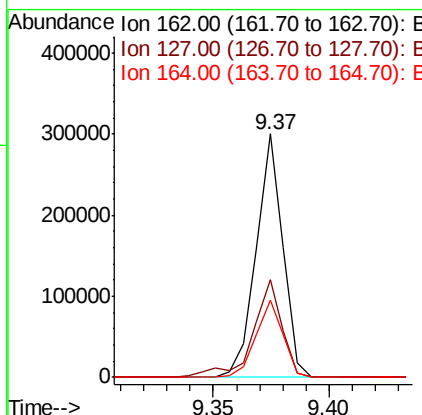
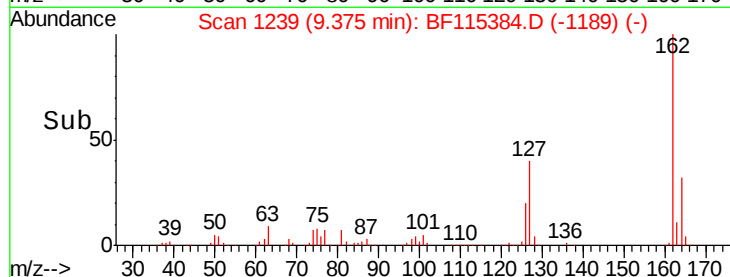
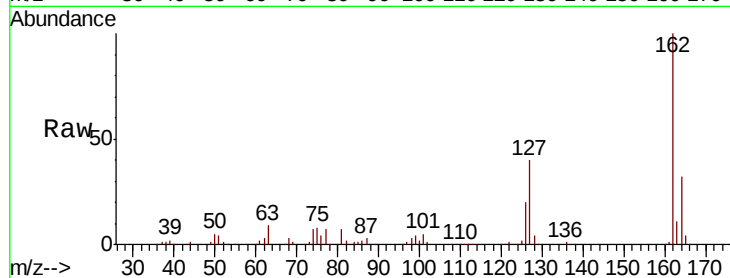




#47
 2-Chloronaphthalene
 Concen: 11.721 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BF115384.D
 Acq: 5 Jul 2019 8:48

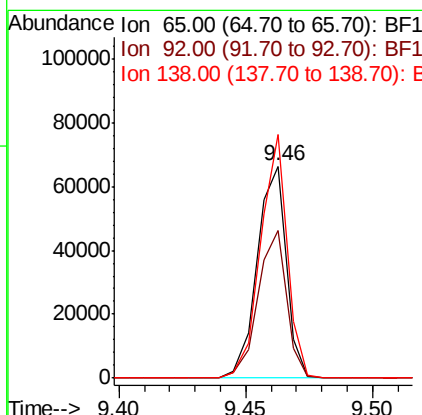
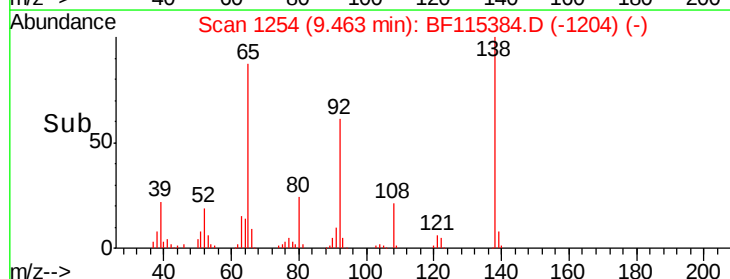
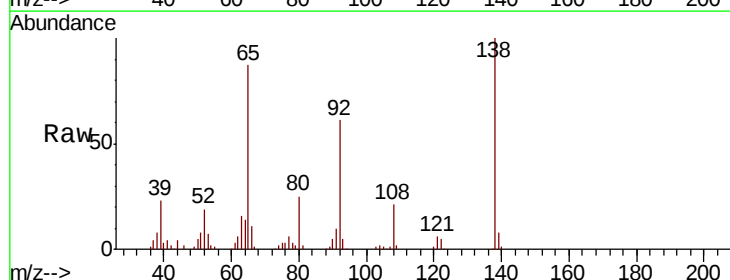
Instrument :
 BNA_F
 ClientSampleId :

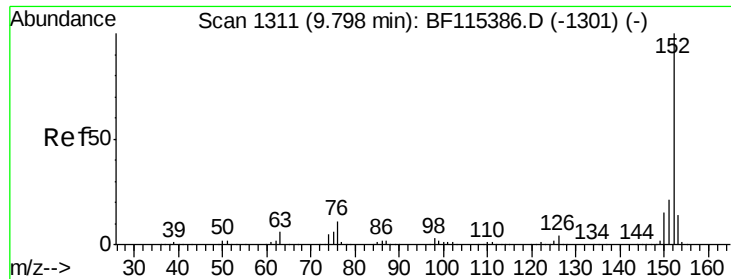
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.4	32.8	49.2
164	31.6	27.0	40.6



#48
 2-Nitroaniline
 Concen: 8.876 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.01 min
 Lab File: BF115384.D
 Acq: 5 Jul 2019 8:48

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.9	55.4	83.0
138	115.0	85.8	128.8





#49

Acenaphthylene

Concen: 11.878 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF115384.D

Acq: 5 Jul 2019 8:48

Instrument :

BNA_F

ClientSampleId :

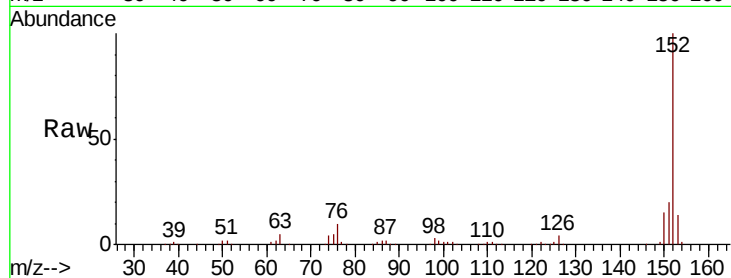
Tot Ion:152 Resp: 382343

Ion Ratio Lower Upper

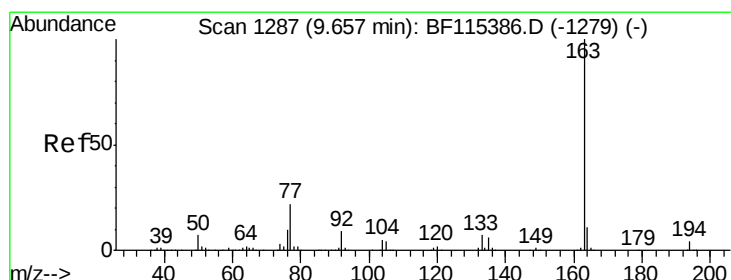
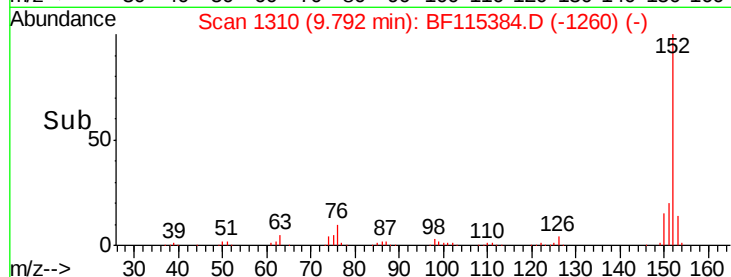
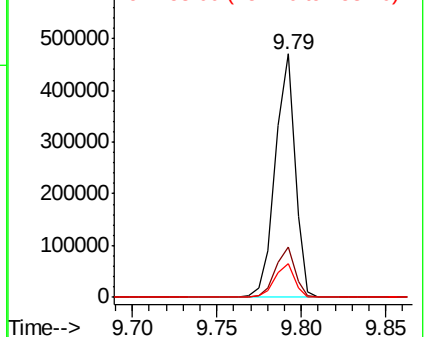
152 100

151 20.5 17.0 25.4

153 13.6 11.4 17.2



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: 12.166 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF115384.D

Acq: 5 Jul 2019 8:48

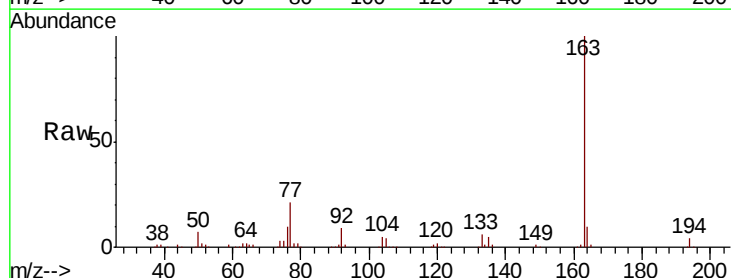
Tgt Ion:163 Resp: 284923

Ion Ratio Lower Upper

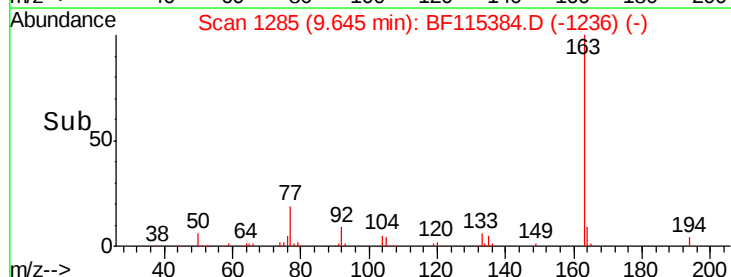
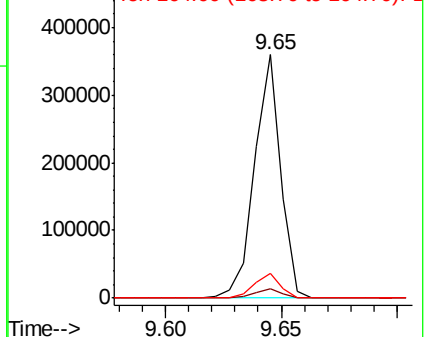
163 100

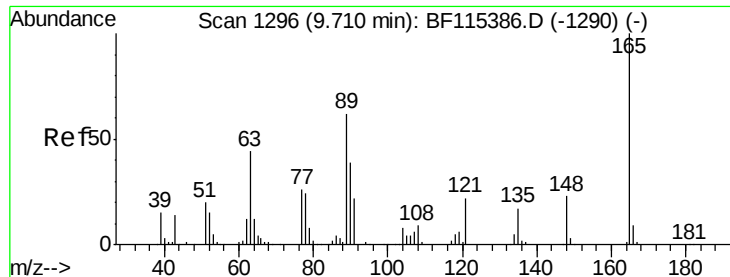
194 3.8 3.2 4.8

164 10.0 8.5 12.7



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

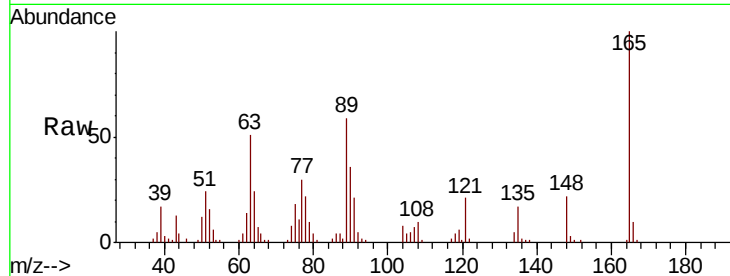




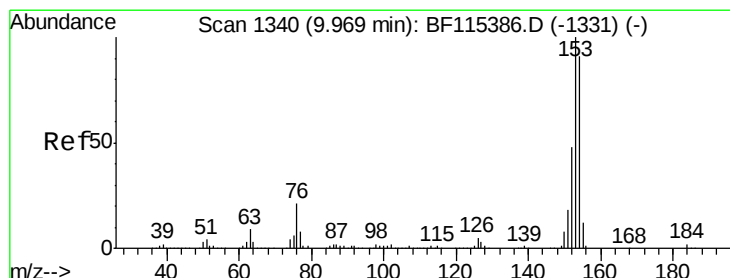
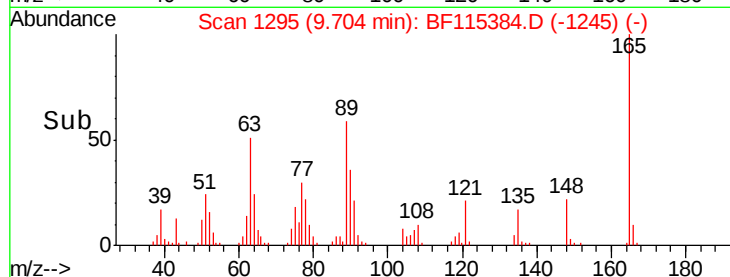
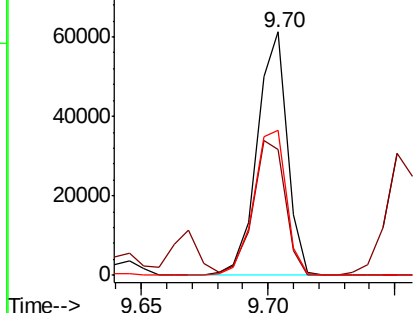
#51
2,6-Dinitrotoluene
Concen: 9.396 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF115384.D
Acq: 5 Jul 2019 8:48

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.5	45.8	68.6
89	59.4	49.9	74.9

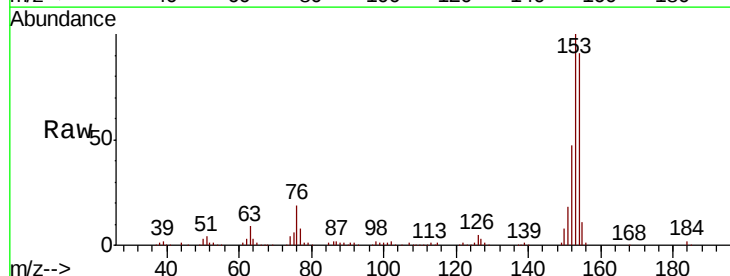


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

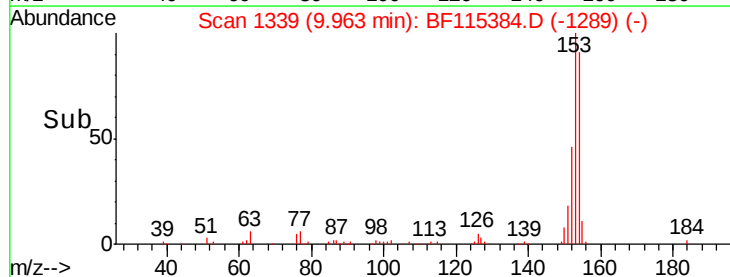
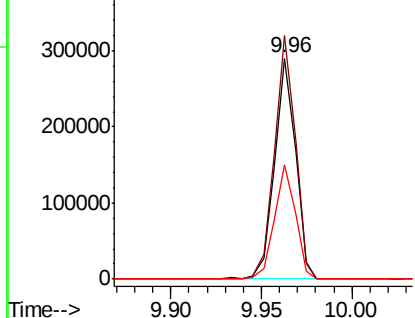


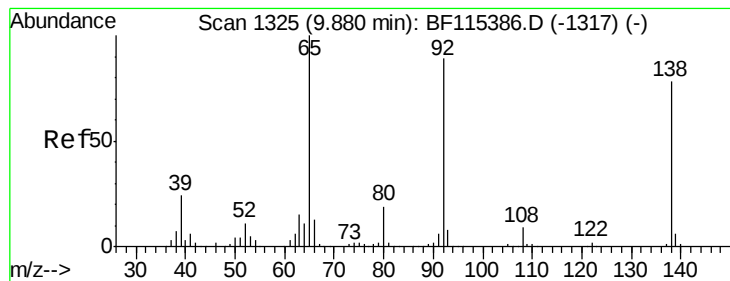
#52
Acenaphthene
Concen: 11.639 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF115384.D
Acq: 5 Jul 2019 8:48

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.4	87.9	131.9
152	52.1	42.2	63.2



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





#53

3-Nitroaniline

Concen: 9.097 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF115384.D

Acq: 5 Jul 2019 8:48

Instrument :

BNA_F

ClientSampleId :

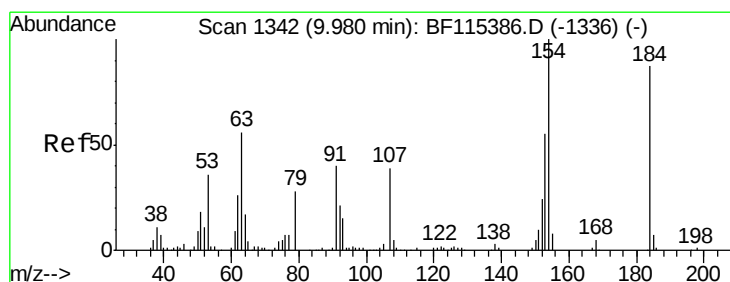
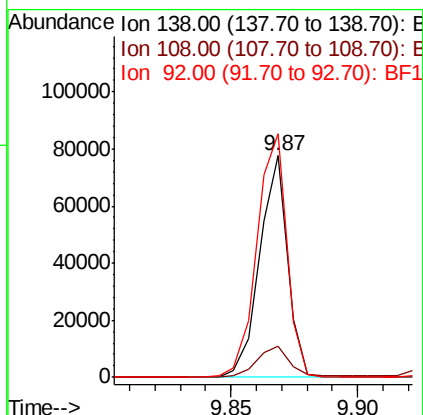
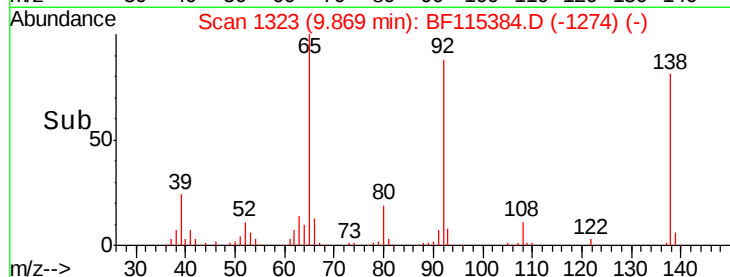
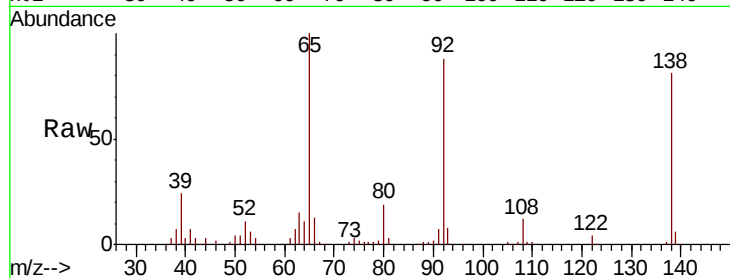
Tot Ion:138 Resp: 60027

Ion Ratio Lower Upper

138 100

108 14.3 9.0 13.4#

92 109.8 90.5 135.7



#54

2,4-Dinitrophenol

Concen: 4.347 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF115384.D

Acq: 5 Jul 2019 8:48

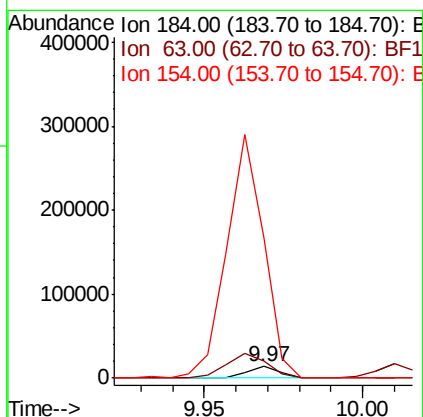
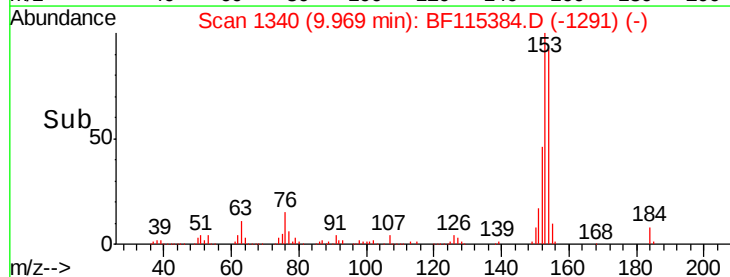
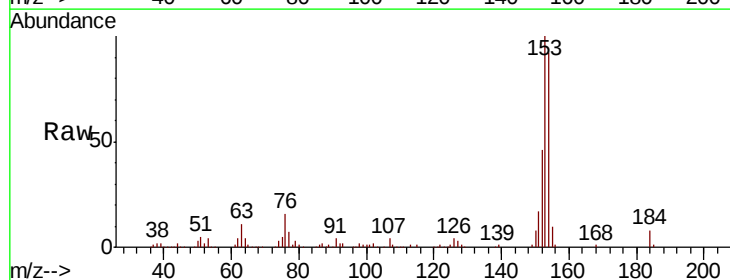
Tgt Ion:184 Resp: 10368

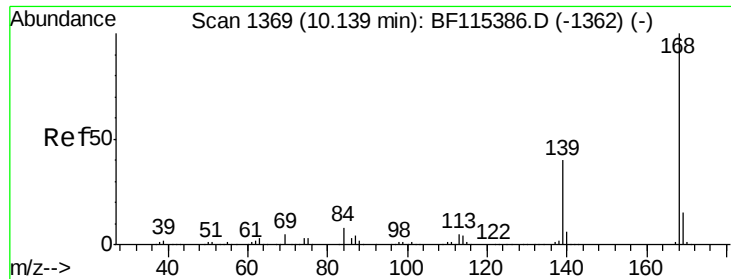
Ion Ratio Lower Upper

184 100

63 146.1 52.1 78.1#

154 1210.8 97.7 146.5#

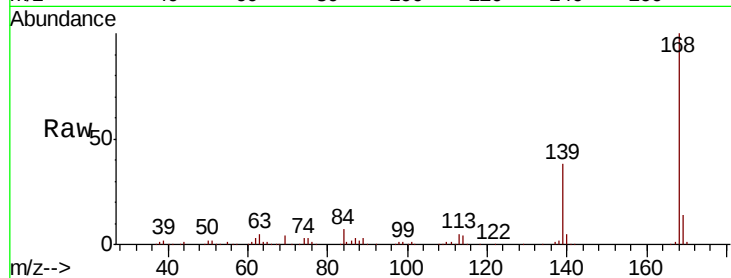




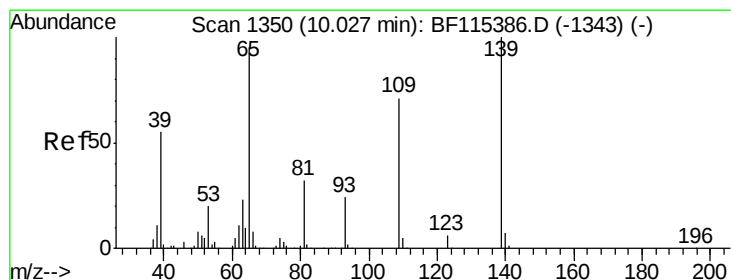
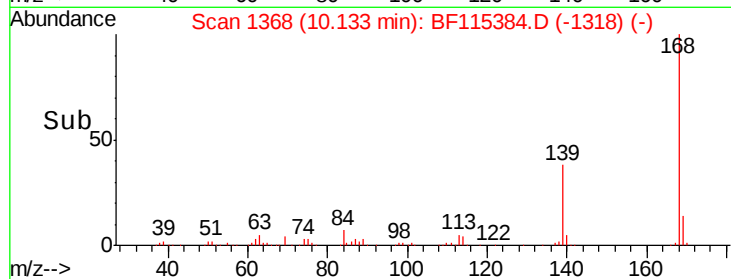
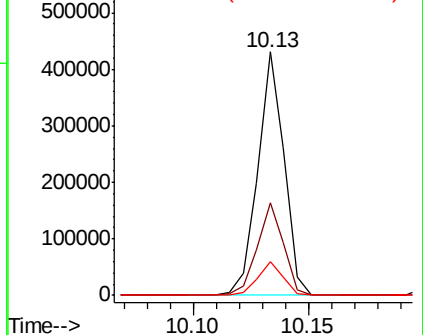
#55
Dibenzofuran
Concen: 11.818 ng
RT: 10.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BF115384.D
Acq: 5 Jul 2019 8:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 341667
Ion Ratio Lower Upper
168 100
139 38.2 32.2 48.2
169 13.6 11.7 17.5

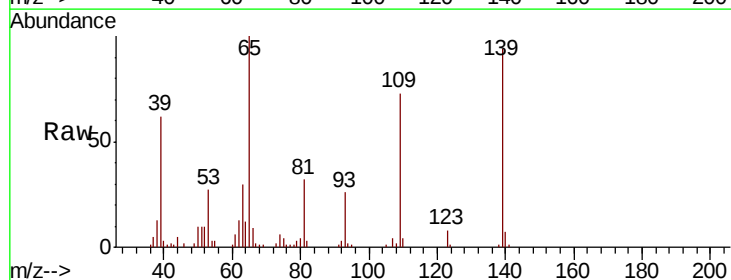


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

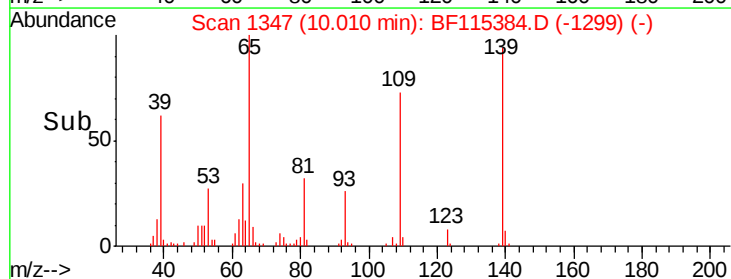
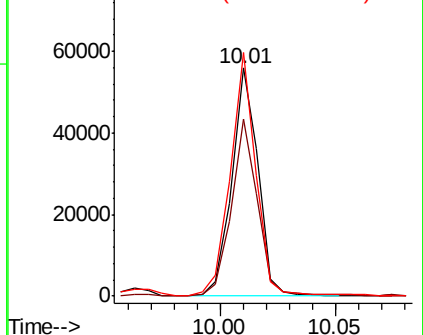


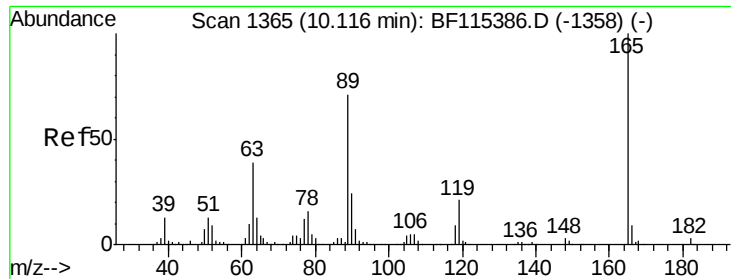
#56
4-Nitrophenol
Concen: 8.333 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF115384.D
Acq: 5 Jul 2019 8:48

Tgt Ion:139 Resp: 44083
Ion Ratio Lower Upper
139 100
109 77.5 51.1 91.1
65 106.8 75.2 115.2



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

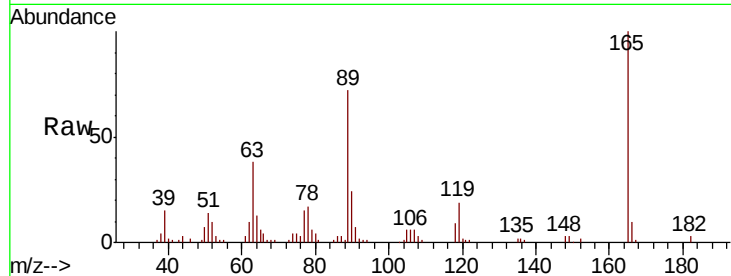




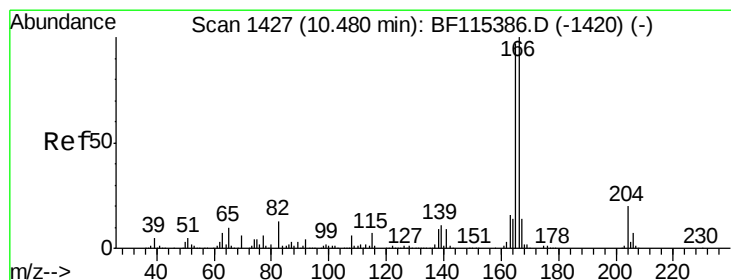
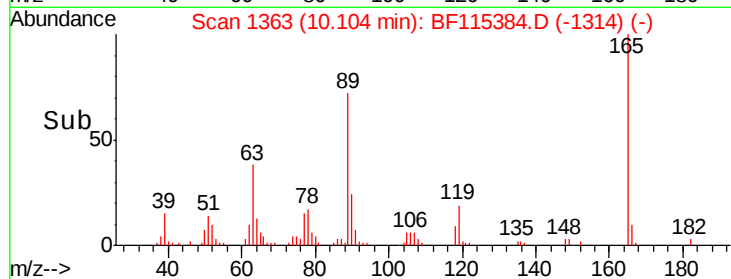
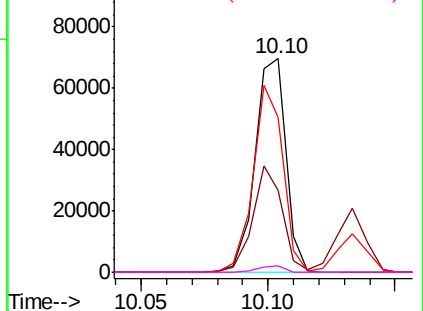
#57
2,4-Dinitrotoluene
Concen: 8.481 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF115384.D
Acq: 5 Jul 2019 8:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 59211
Ion Ratio Lower Upper
165 100
63 38.2 31.4 47.0
89 72.5 57.1 85.7
182 2.8 2.2 3.2

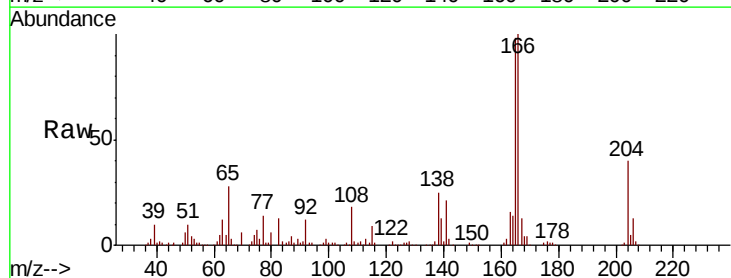


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

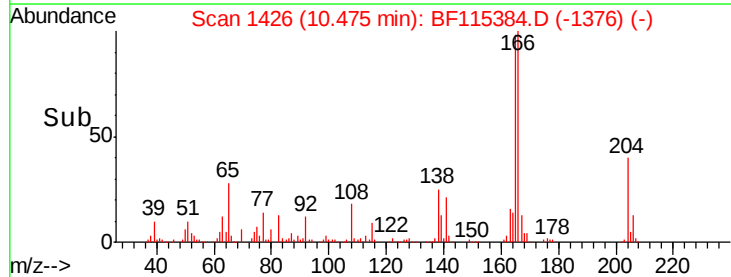
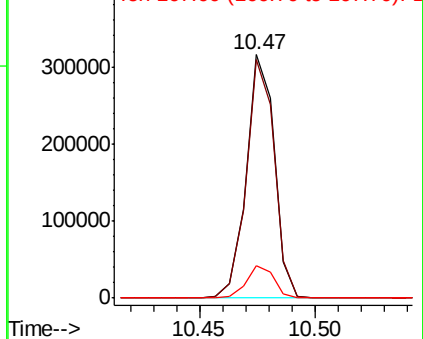


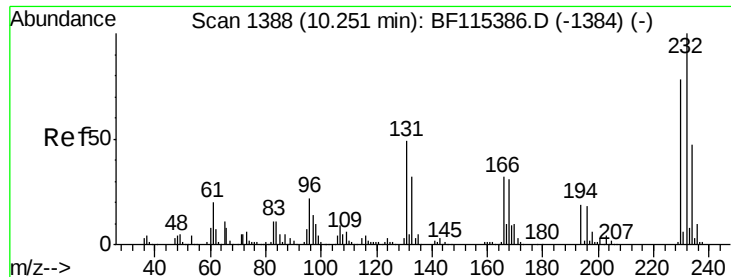
#58
Fluorene
Concen: 12.473 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF115384.D
Acq: 5 Jul 2019 8:48

Tgt Ion:166 Resp: 268398
Ion Ratio Lower Upper
166 100
165 98.1 77.8 116.6
167 13.1 11.0 16.6



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

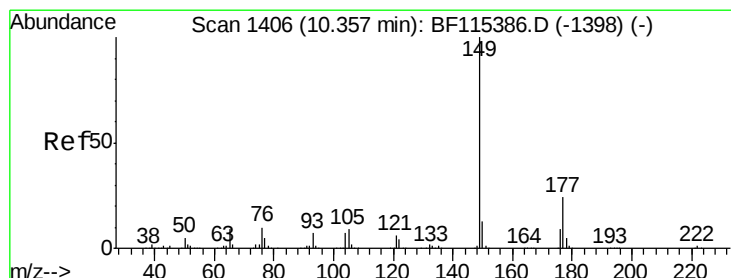
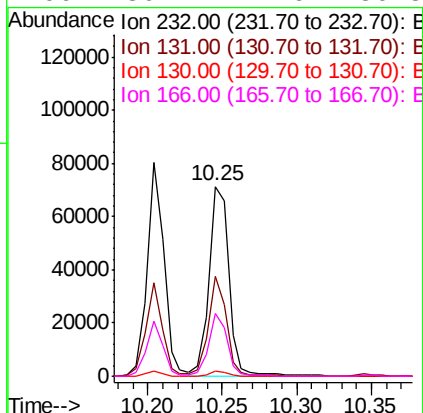
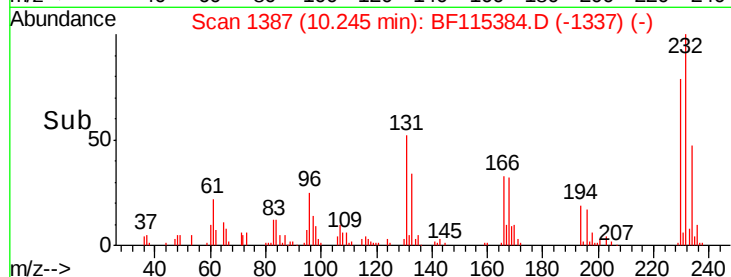
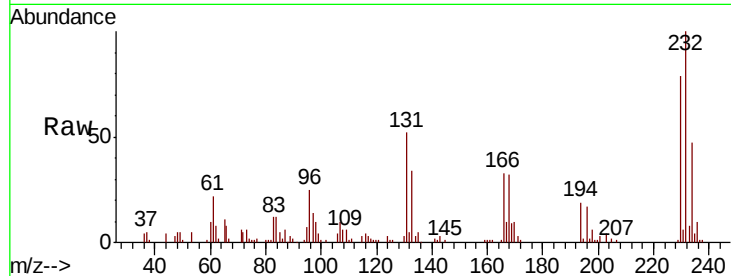




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 11.108 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: BF115384.D
 Acq: 5 Jul 2019 8:48

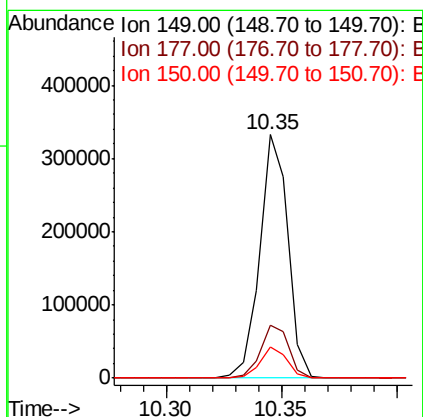
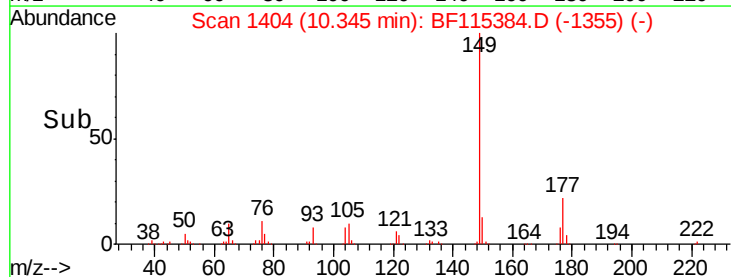
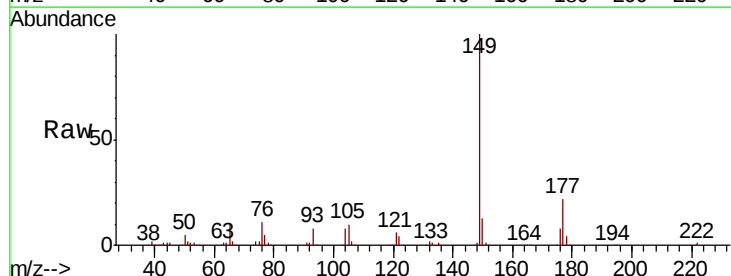
Instrument :
 BNA_F
 ClientSampleId :

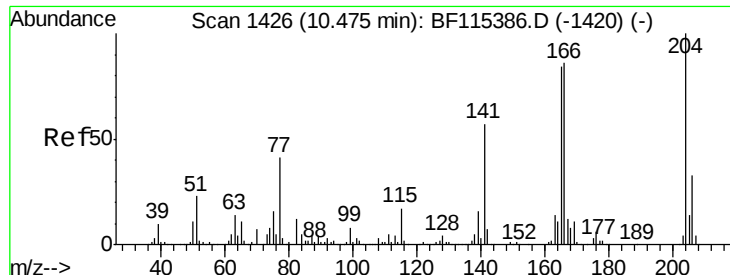
Tot Ion:232 Resp: 66616
 Ion Ratio Lower Upper
 232 100
 131 47.4 36.6 55.0
 130 2.4 1.8 2.8
 166 30.4 24.6 36.8



#60
 Diethylphthalate
 Concen: 12.019 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. -0.01 min
 Lab File: BF115384.D
 Acq: 5 Jul 2019 8:48

Tgt Ion:149 Resp: 282952
 Ion Ratio Lower Upper
 149 100
 177 21.7 18.8 28.2
 150 12.7 10.2 15.2

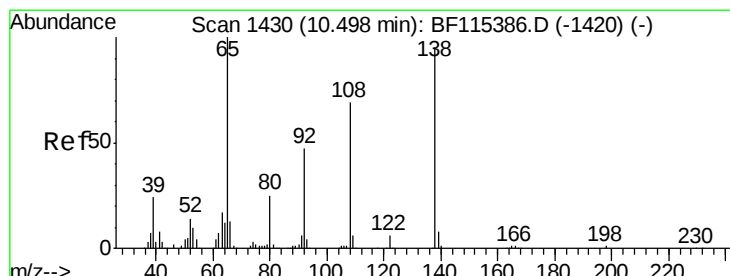
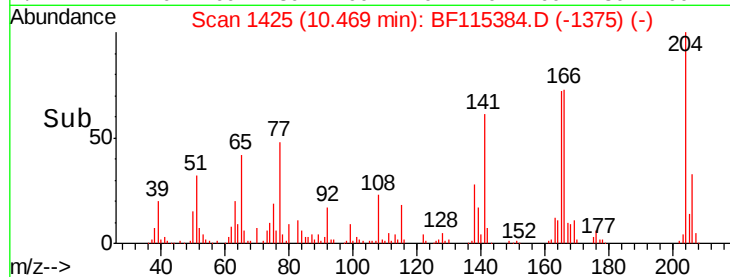
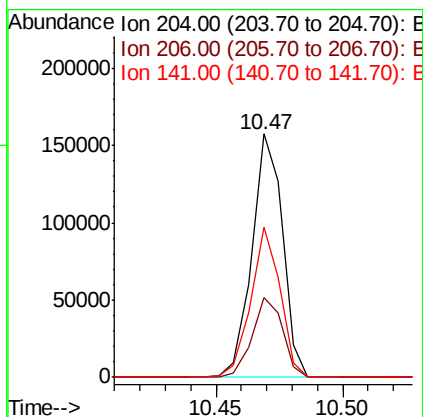
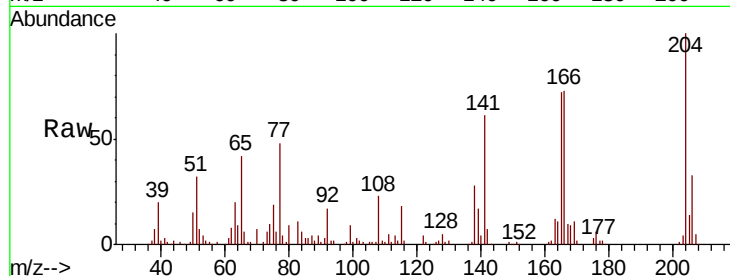




#61
 4-Chlorophenyl-phenylether
 Concen: 12.974 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: BF115384.D
 Acq: 5 Jul 2019 8:48

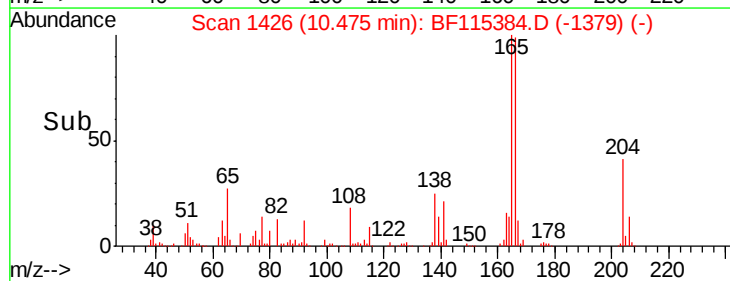
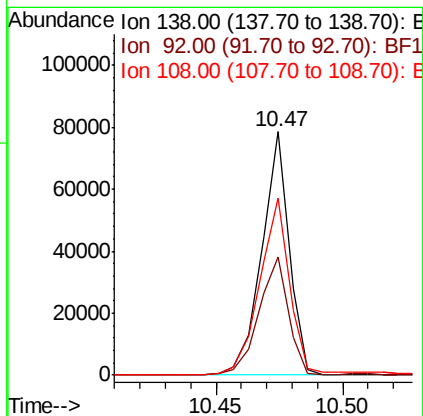
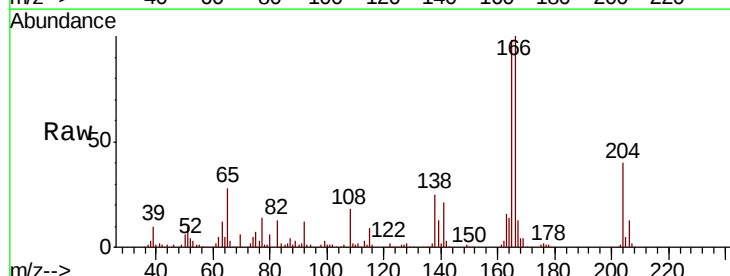
Instrument :
 BNA_F
 ClientSampled :

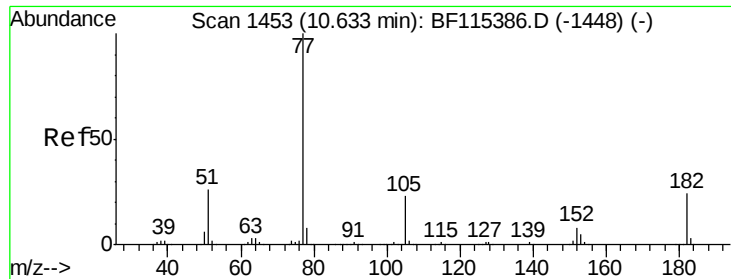
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.1	39.1
141	61.5	45.8	68.6



#62
 4-Nitroaniline
 Concen: 9.017 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.02 min
 Lab File: BF115384.D
 Acq: 5 Jul 2019 8:48

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.7	29.3	69.3
108	72.7	53.2	93.2

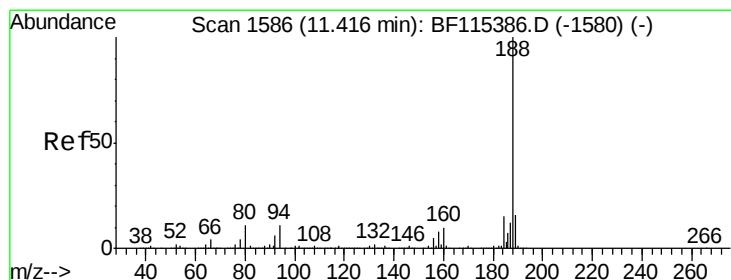
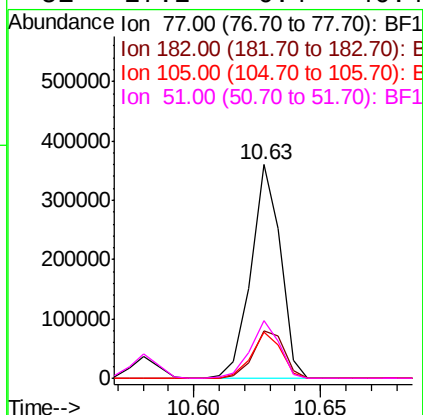
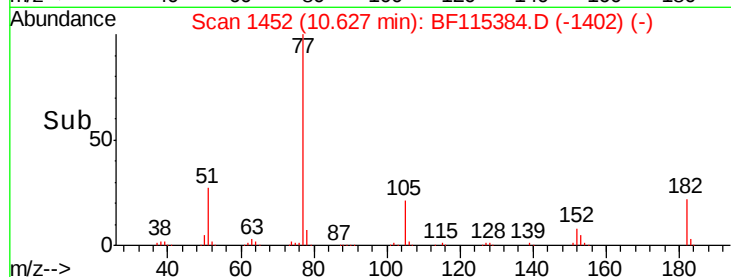
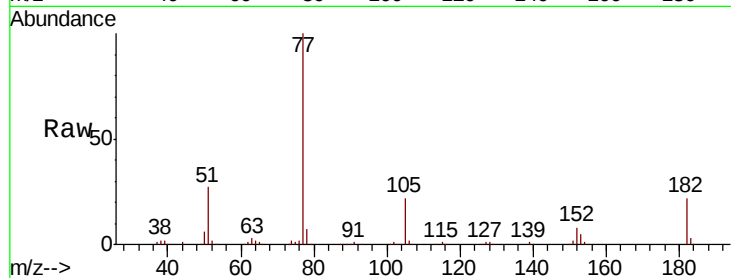




#63
Azobenzene
Concen: 13.314 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF115384.D
Acq: 5 Jul 2019 8:48

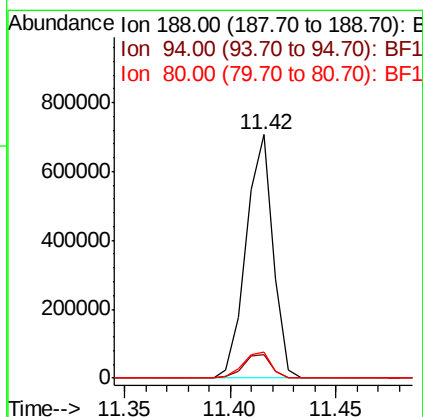
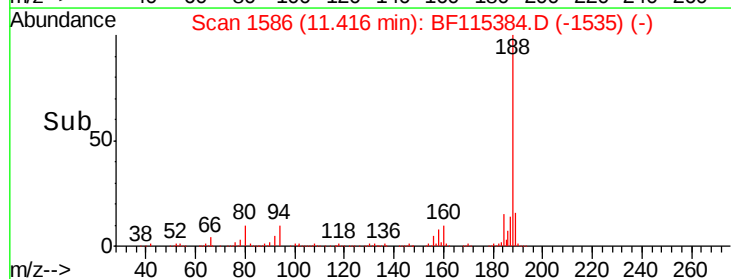
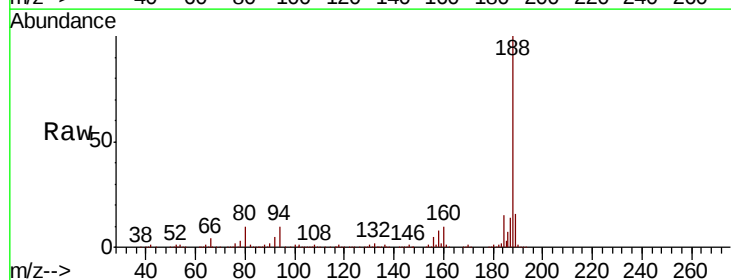
Instrument :
BNA_F
ClientSampled :

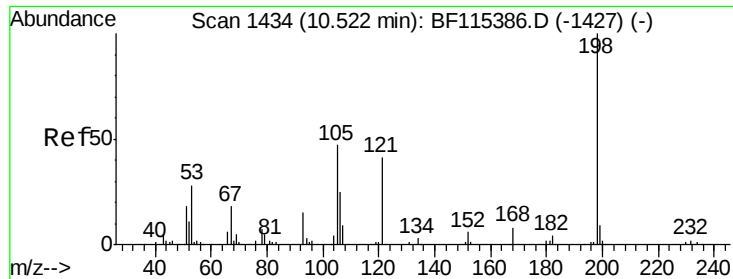
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	22.0	4.1	44.1	
105	21.8	2.6	42.6	
51	27.2	6.4	46.4	



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF115384.D
Acq: 5 Jul 2019 8:48

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.6	8.5	12.7	
80	10.5	9.1	13.7	





#65

4,6-Dinitro-2-methylphenol

Concen: 5.282 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF115384.D

Acq: 5 Jul 2019 8:48

Instrument :

BNA_F

ClientSampleId :

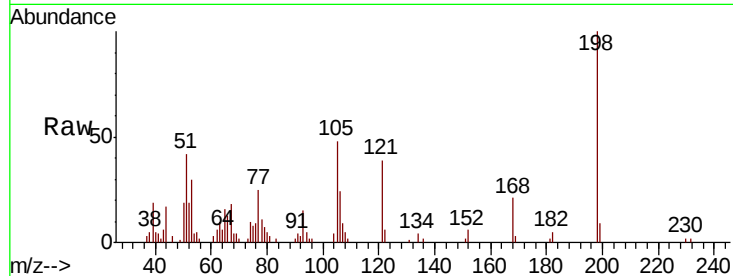
Tot Ion:198 Resp: 16456

Ion Ratio Lower Upper

198 100

51 41.8 25.4 65.4

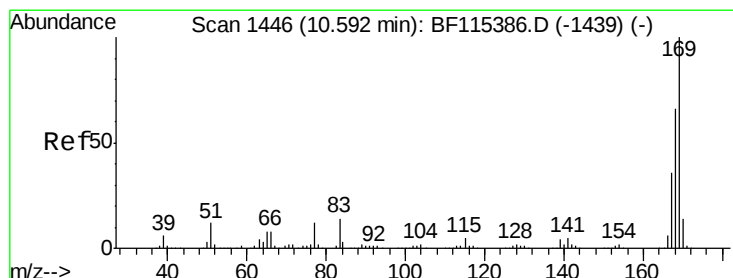
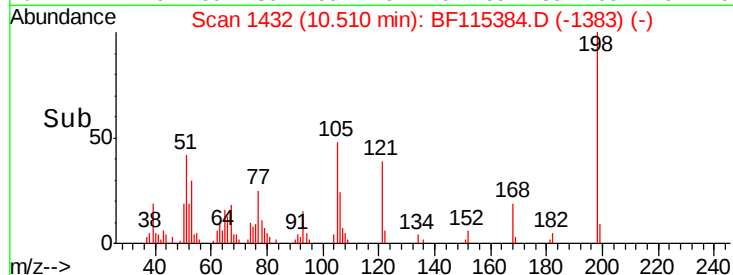
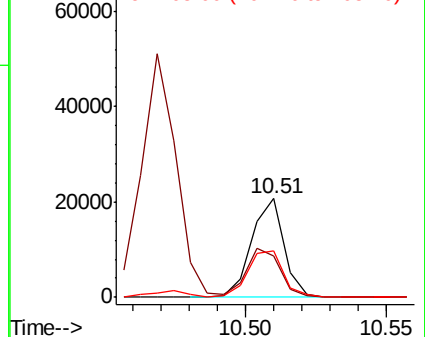
105 47.5 27.9 67.9



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: 11.793 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BF115384.D

Acq: 5 Jul 2019 8:48

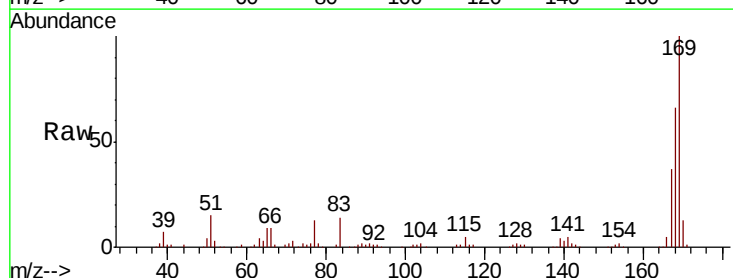
Tgt Ion:169 Resp: 229860

Ion Ratio Lower Upper

169 100

168 66.4 52.6 79.0

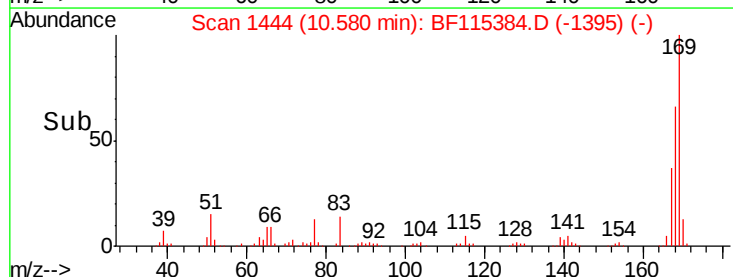
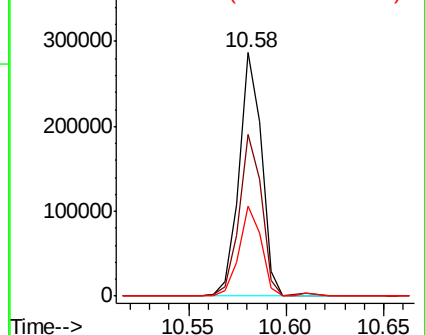
167 37.0 29.2 43.8

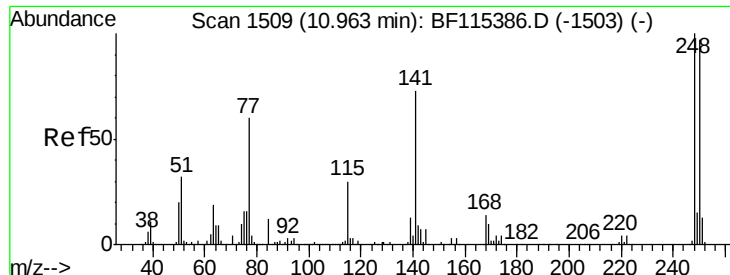


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

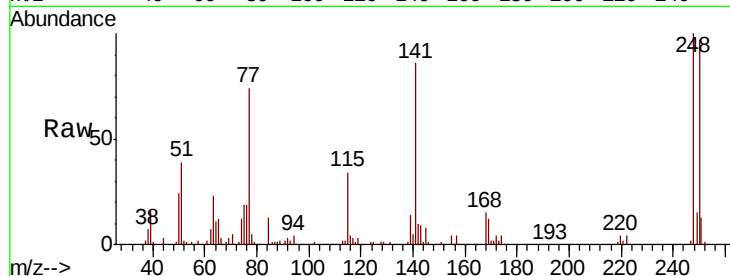




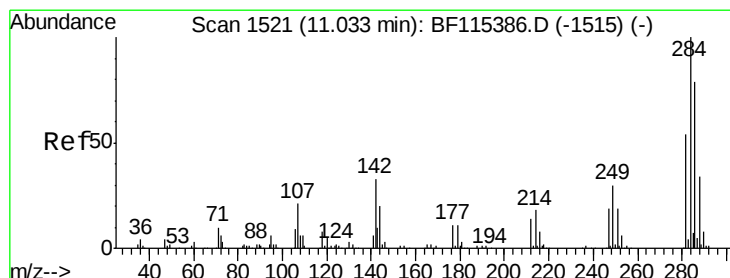
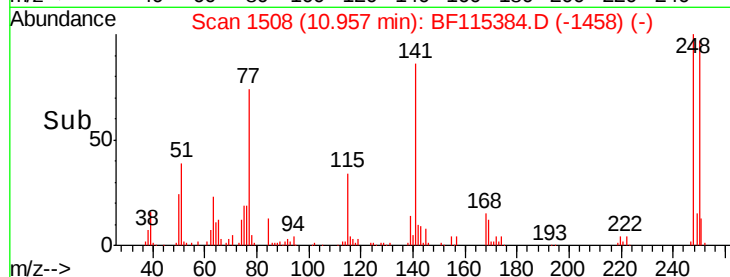
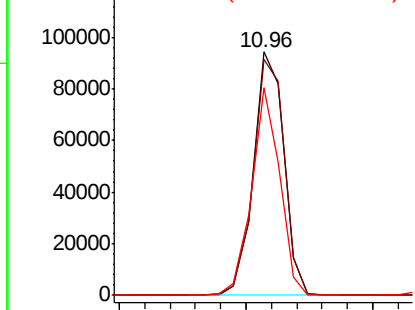
#67
4-Bromophenyl-phenylether
Concen: 11.647 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BF115384.D
Acq: 5 Jul 2019 8:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 79000
Ion Ratio Lower Upper
248 100
250 97.1 77.3 115.9
141 85.5 58.5 87.7

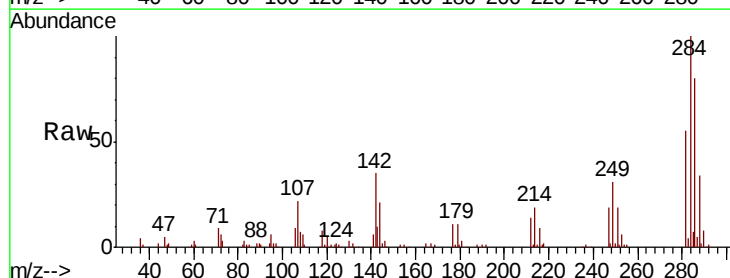


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

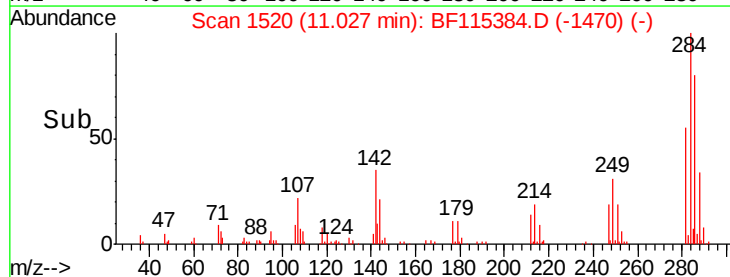
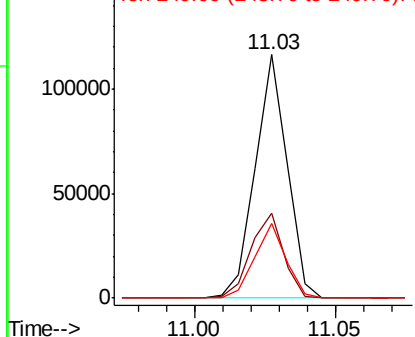


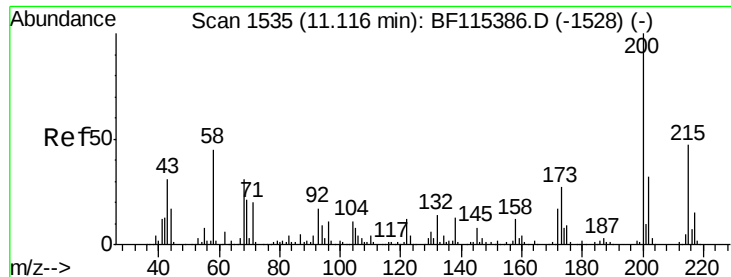
#68
Hexachlorobenzene
Concen: 12.413 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.01 min
Lab File: BF115384.D
Acq: 5 Jul 2019 8:48

Tgt Ion:284 Resp: 91394
Ion Ratio Lower Upper
284 100
142 34.9 26.5 39.7
249 30.6 24.2 36.2



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: 11.761 ng

RT: 11.10 min Scan# 1533

Delta R.T. -0.01 min

Lab File: BF115384.D

Acq: 5 Jul 2019 8:48

Instrument :

BNA_F

ClientSampleId :

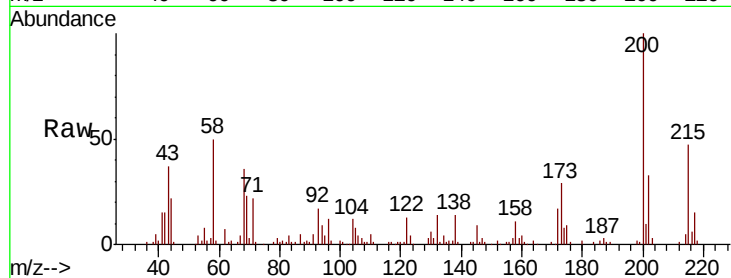
Tot Ion:200 Resp: 73738

Ion Ratio Lower Upper

200 100

173 28.6 7.1 47.1

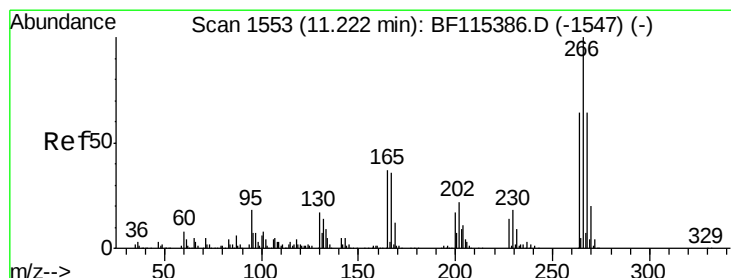
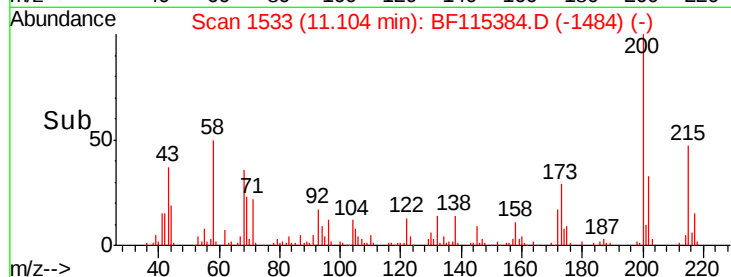
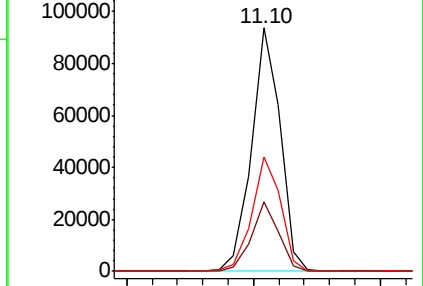
215 46.7 27.5 67.5



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 10.398 ng

RT: 11.22 min Scan# 1552

Delta R.T. -0.01 min

Lab File: BF115384.D

Acq: 5 Jul 2019 8:48

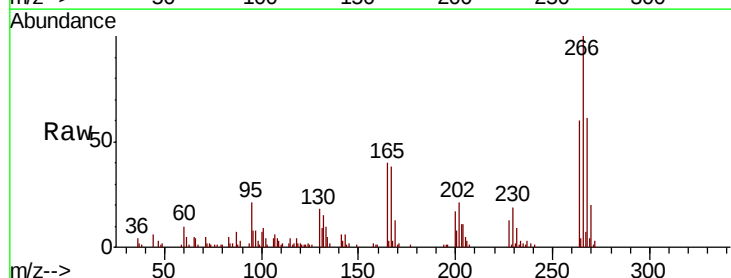
Tgt Ion:266 Resp: 48773

Ion Ratio Lower Upper

266 100

268 60.8 51.3 76.9

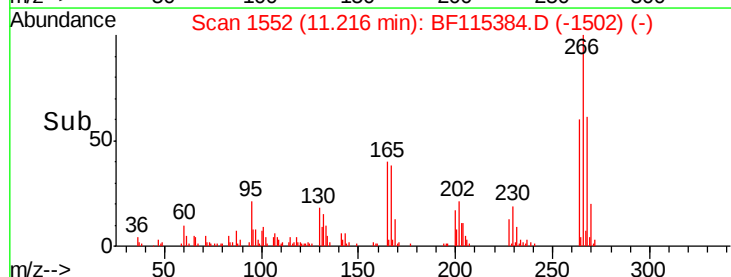
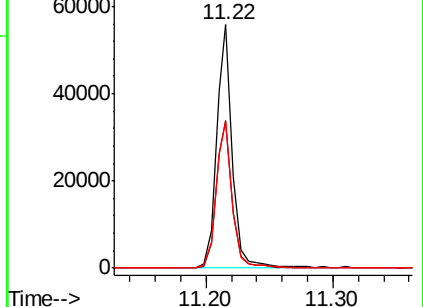
264 60.1 51.6 77.4

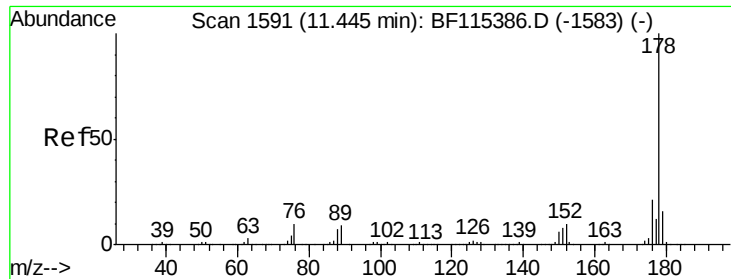


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

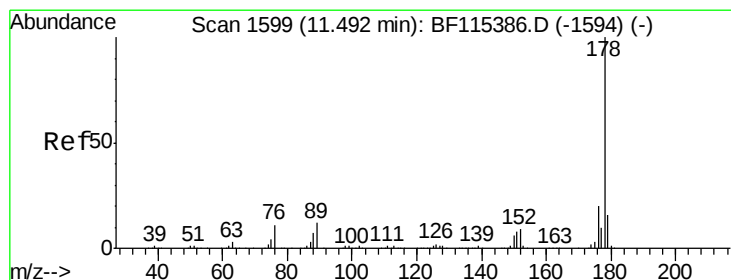
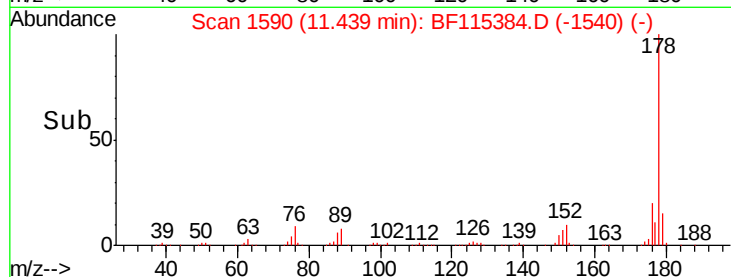
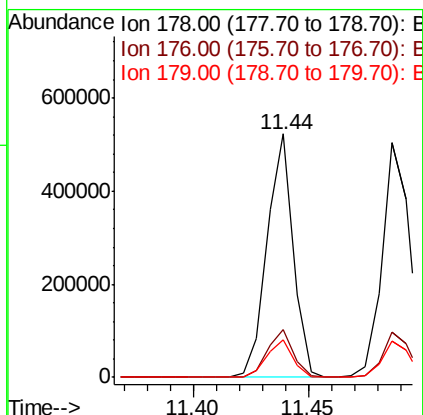
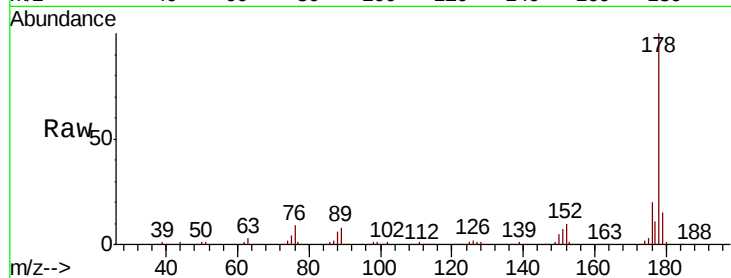




#71
Phenanthrene
Concen: 12.228 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF115384.D
Acq: 5 Jul 2019 8:48

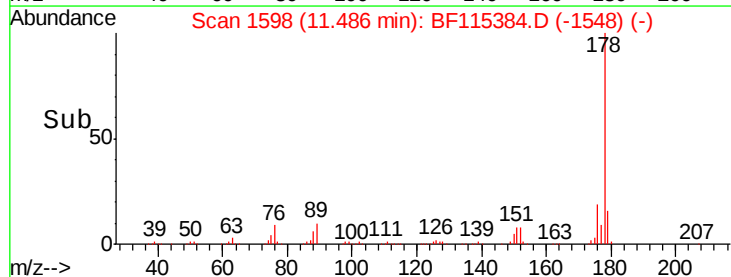
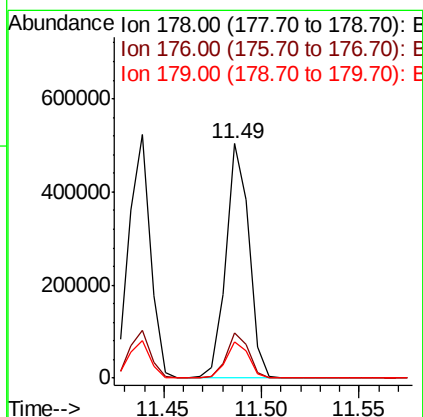
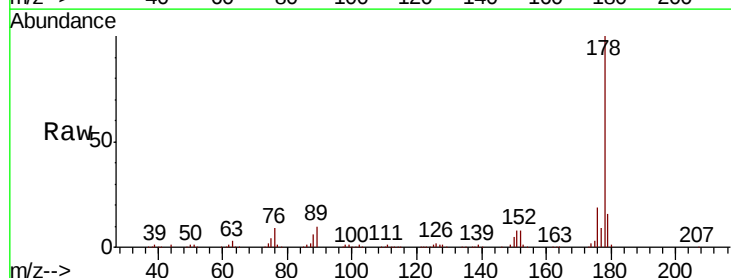
Instrument :
BNA_F
ClientSampleId :

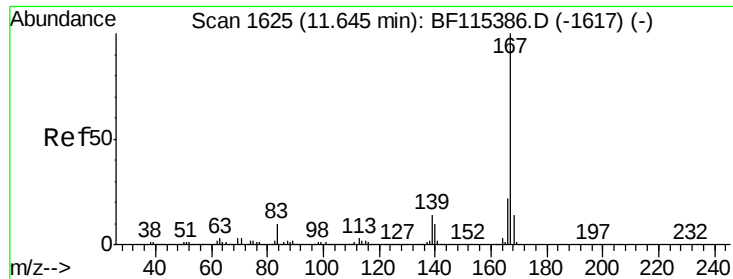
Tot Ion:178 Resp: 411906
Ion Ratio Lower Upper
178 100
176 19.7 16.6 25.0
179 15.3 13.0 19.6



#72
Anthracene
Concen: 12.071 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF115384.D
Acq: 5 Jul 2019 8:48

Tgt Ion:178 Resp: 410443
Ion Ratio Lower Upper
178 100
176 19.2 16.0 24.0
179 15.8 13.1 19.7

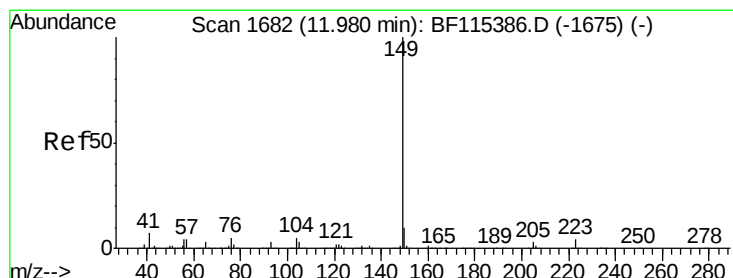
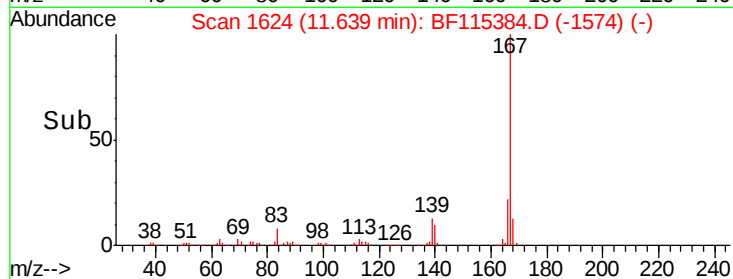
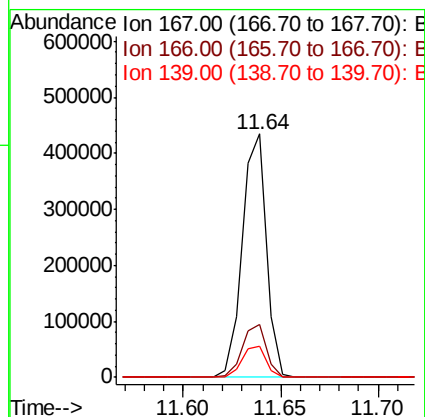
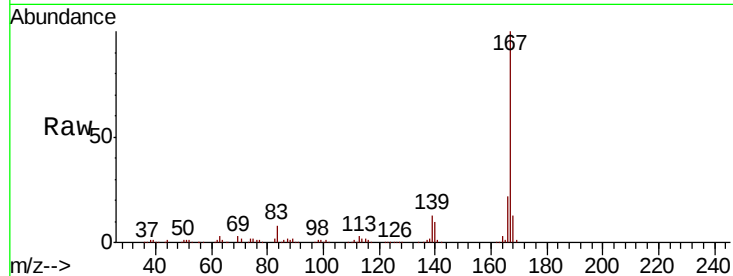




#73
 Carbazole
 Concen: 12.248 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BF115384.D
 Acq: 5 Jul 2019 8:48

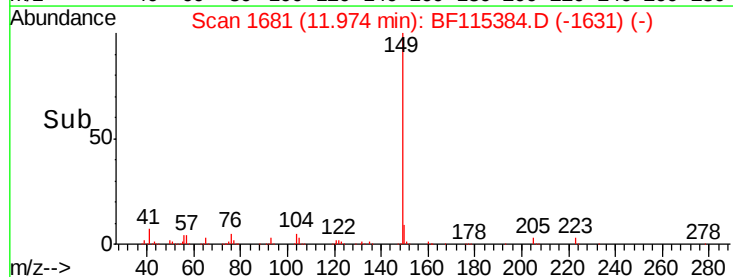
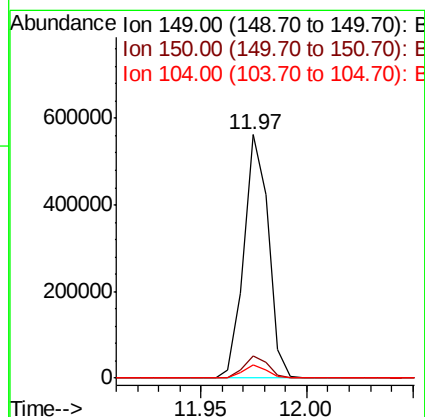
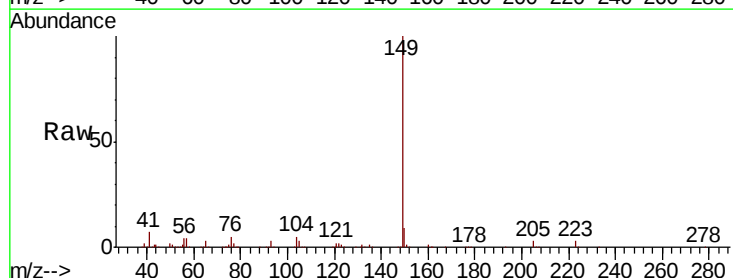
Instrument :
 BNA_F
 ClientSampleId :

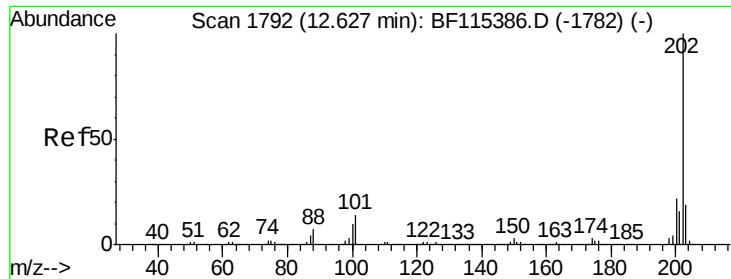
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.9	26.9
139	12.8	11.0	16.6



#74
 Di-n-butylphthalate
 Concen: 12.849 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BF115384.D
 Acq: 5 Jul 2019 8:48

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	8.0	12.0
104	5.3	4.4	6.6

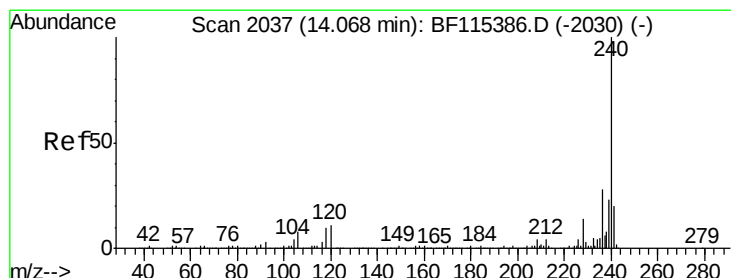
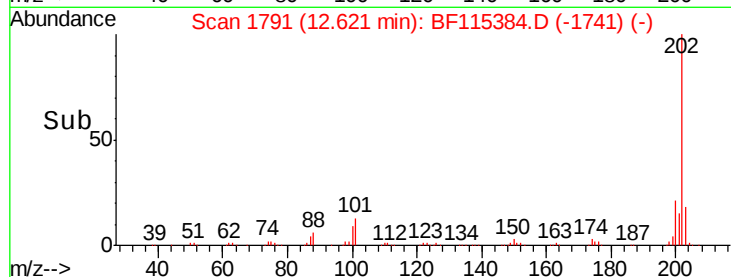
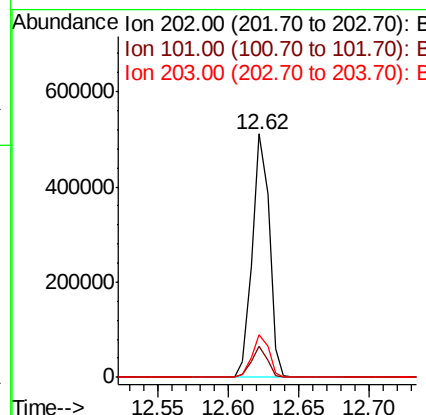
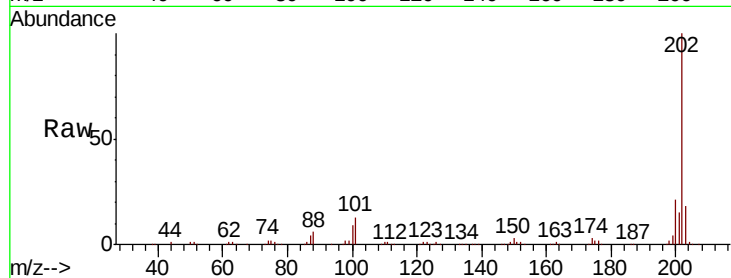




#75
Fluoranthene
Concen: 12.926 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF115384.D
Acq: 5 Jul 2019 8:48

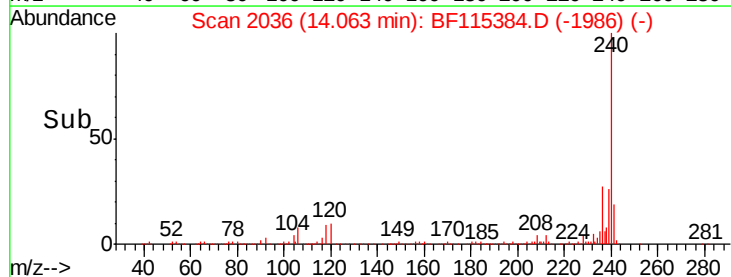
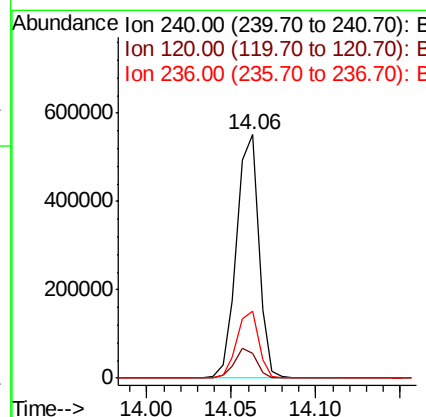
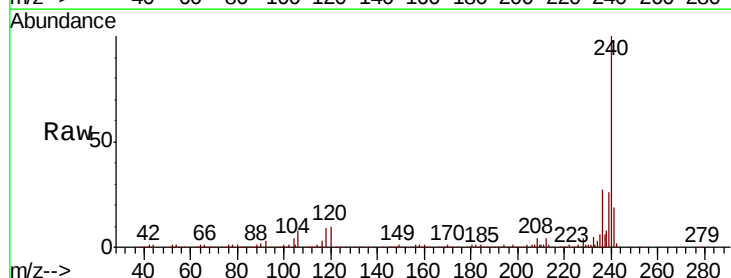
Instrument :
BNA_F
ClientSampleId :

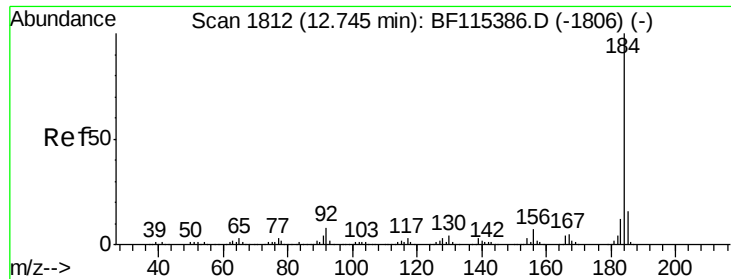
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	34.0
203	17.6	0.0	38.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF115384.D
Acq: 5 Jul 2019 8:48

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.3	9.1	13.7
236	27.4	22.5	33.7





#77

Benzidine

Concen: 10.503 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BF115384.D

Acq: 5 Jul 2019 8:48

Instrument :

BNA_F

ClientSampleId :

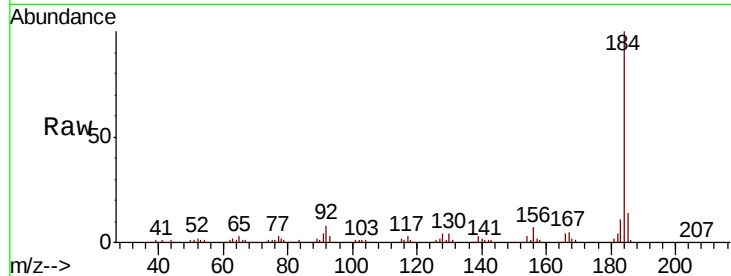
Tot Ion:184 Resp: 235013

Ion Ratio Lower Upper

184 100

185 14.2 12.6 18.8

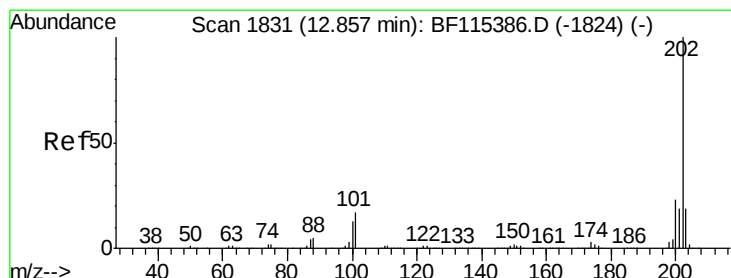
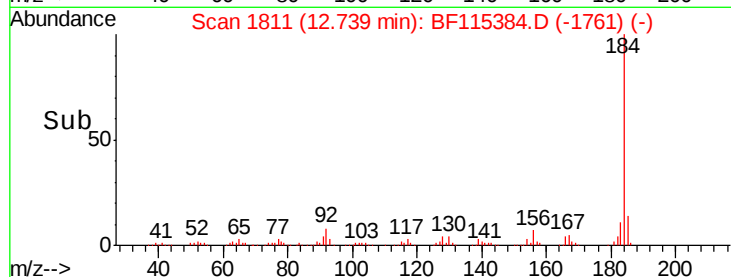
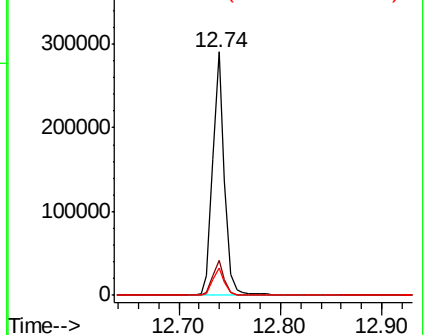
183 11.0 9.4 14.0



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: 11.493 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF115384.D

Acq: 5 Jul 2019 8:48

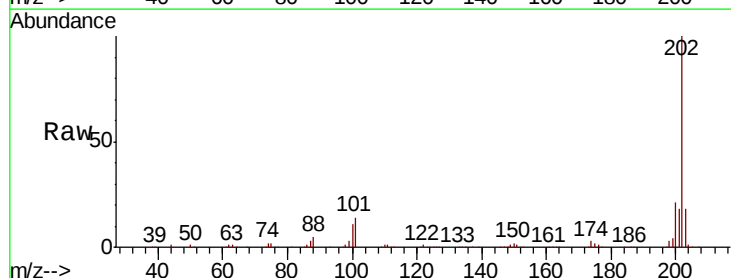
Tgt Ion:202 Resp: 445076

Ion Ratio Lower Upper

202 100

200 21.2 18.2 27.4

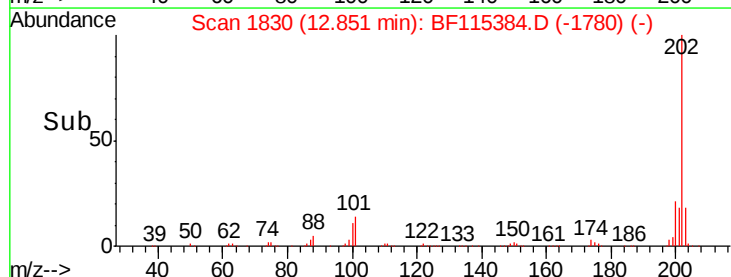
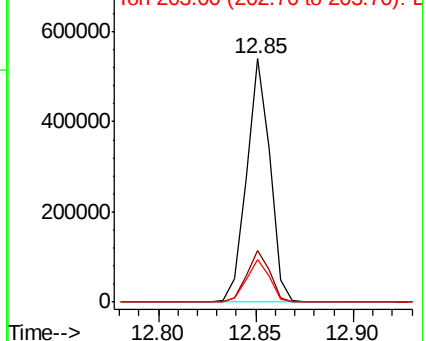
203 17.7 14.8 22.2

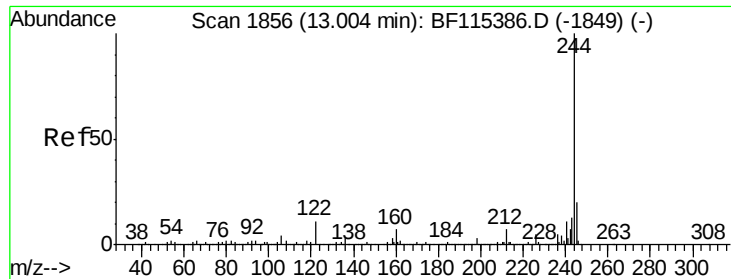


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 26.265 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF115384.D

Acq: 5 Jul 2019 8:48

Instrument :

BNA_F

ClientSampleId :

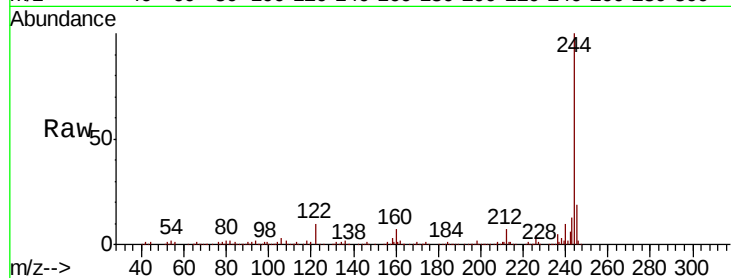
Tot Ion:244 Resp: 622493

Ion Ratio Lower Upper

244 100

212 6.5 5.7 8.5

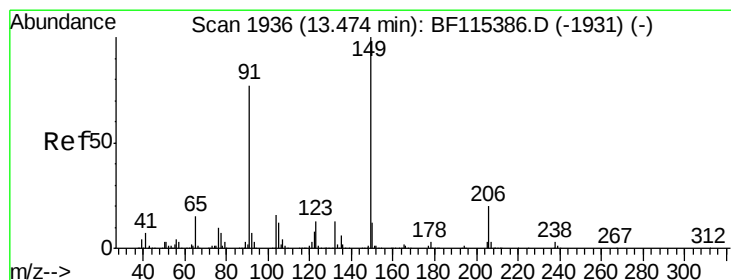
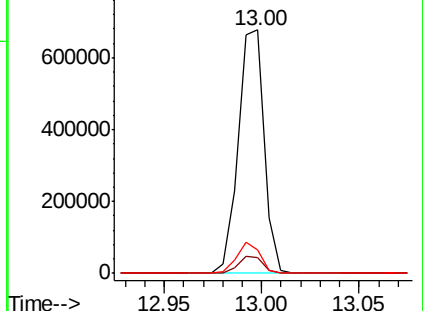
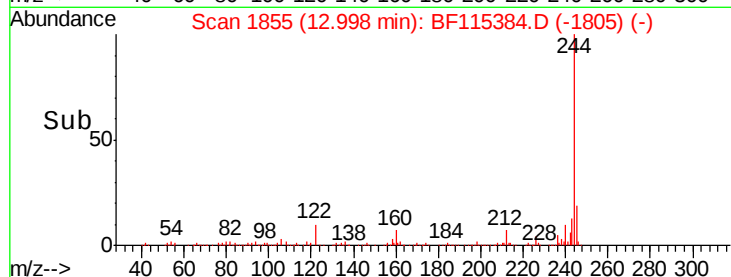
122 9.8 9.1 13.7



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: 10.195 ng

RT: 13.47 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BF115384.D

Acq: 5 Jul 2019 8:48

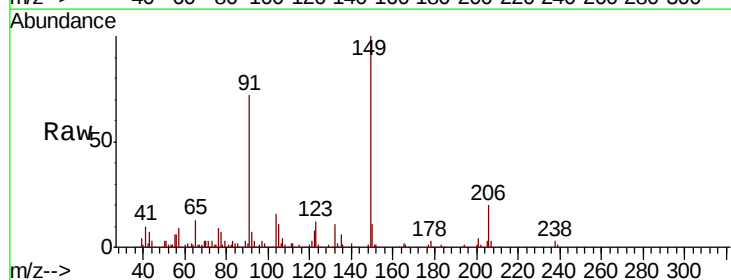
Tgt Ion:149 Resp: 174230

Ion Ratio Lower Upper

149 100

91 71.8 61.4 92.0

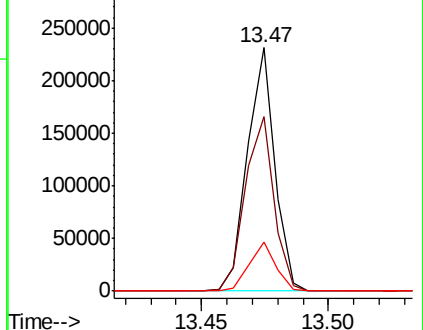
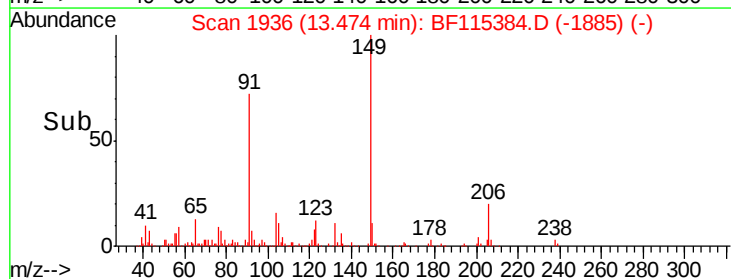
206 20.4 16.1 24.1

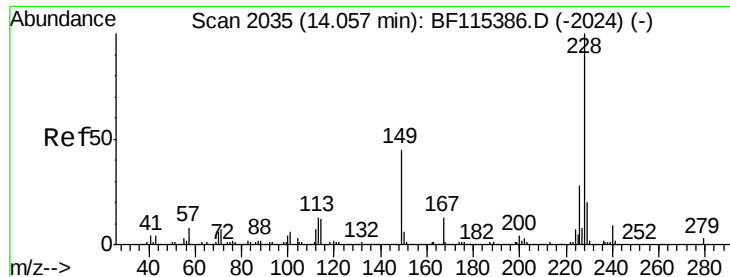


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 11.046 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF115384.D

Acq: 5 Jul 2019 8:48

Instrument :

BNA_F

ClientSampleId :

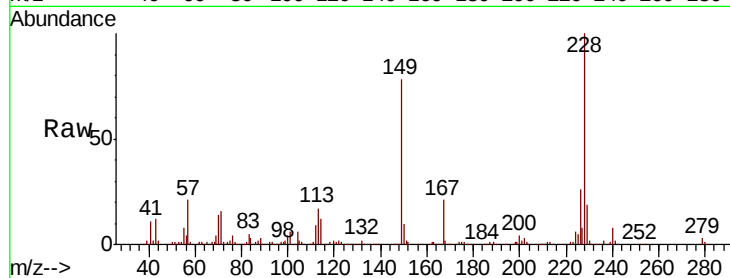
Tot Ion:228 Resp: 399387

Ion Ratio Lower Upper

228 100

226 26.4 22.7 34.1

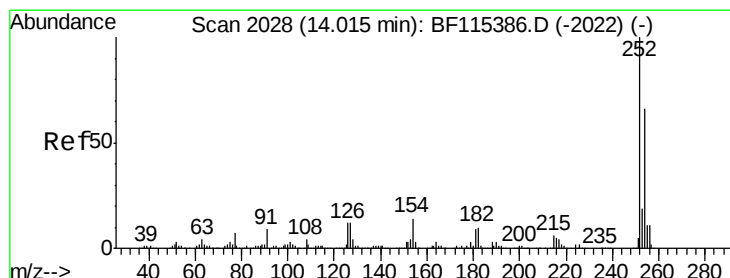
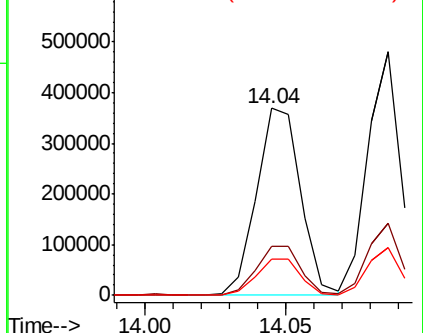
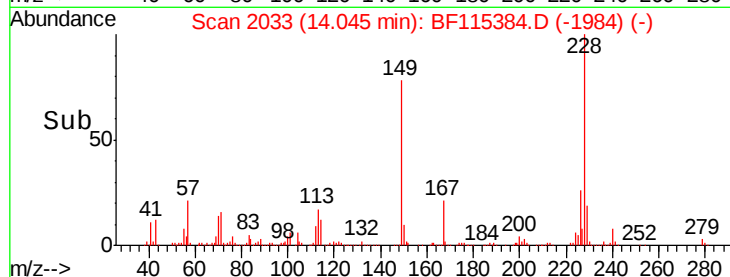
229 19.3 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 10.595 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF115384.D

Acq: 5 Jul 2019 8:48

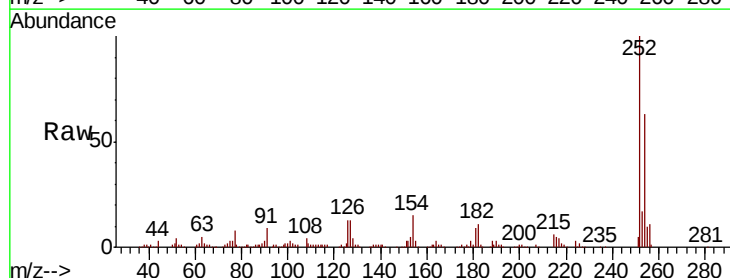
Tgt Ion:252 Resp: 138331

Ion Ratio Lower Upper

252 100

254 63.4 53.0 79.4

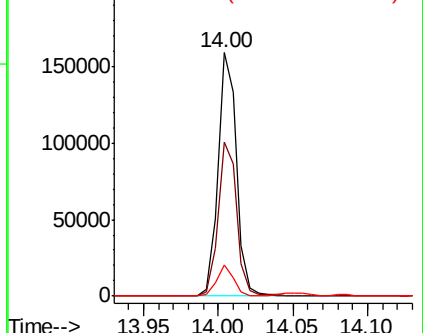
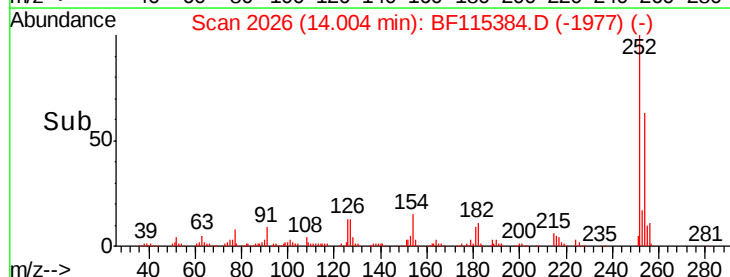
126 12.8 9.8 14.8

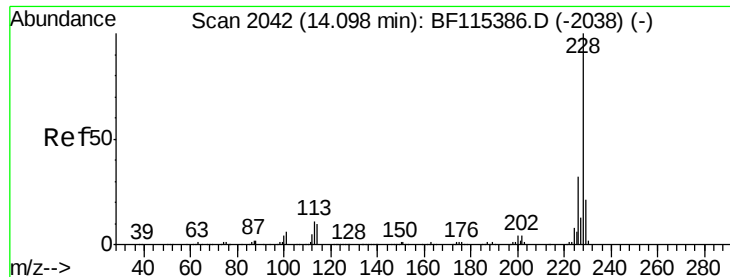


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 11.748 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.01 min

Lab File: BF115384.D

Acq: 5 Jul 2019 8:48

Instrument :

BNA_F

ClientSampleId :

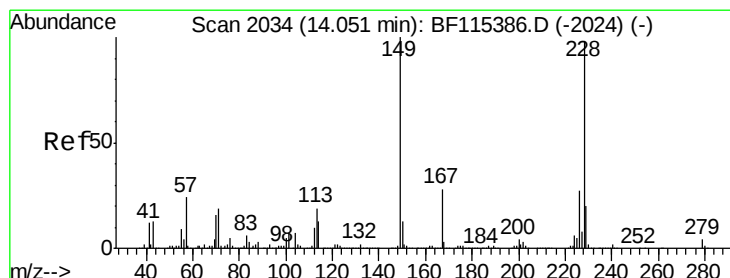
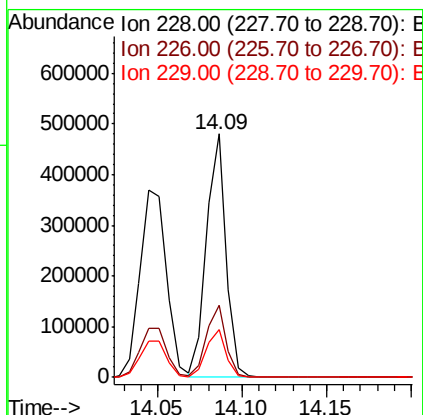
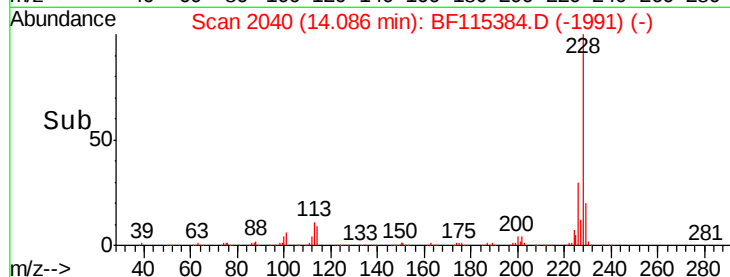
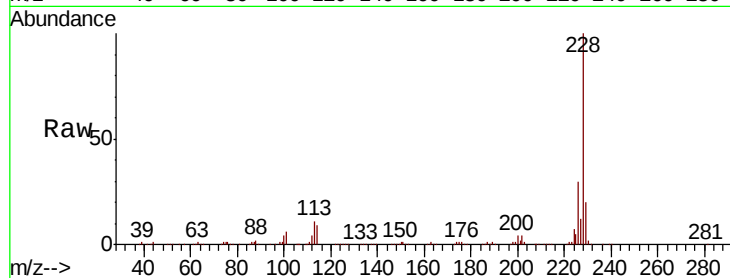
Tot Ion:228 Resp: 389104

Ion Ratio Lower Upper

228 100

226 29.7 25.7 38.5

229 19.7 16.6 25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 11.433 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF115384.D

Acq: 5 Jul 2019 8:48

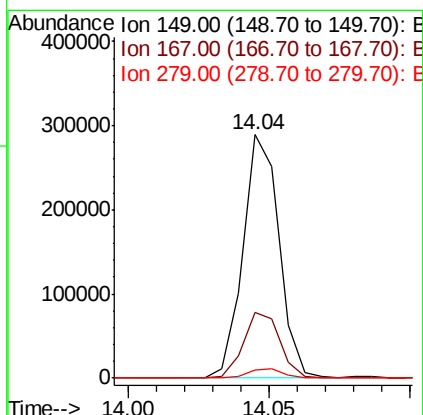
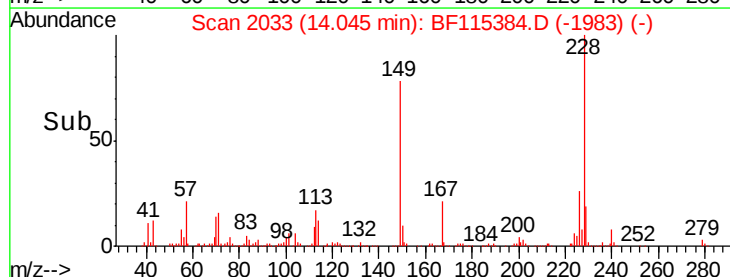
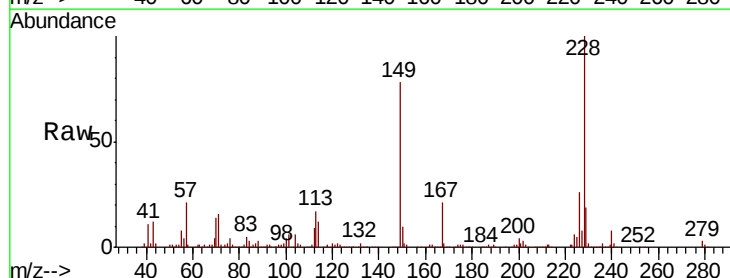
Tgt Ion:149 Resp: 256030

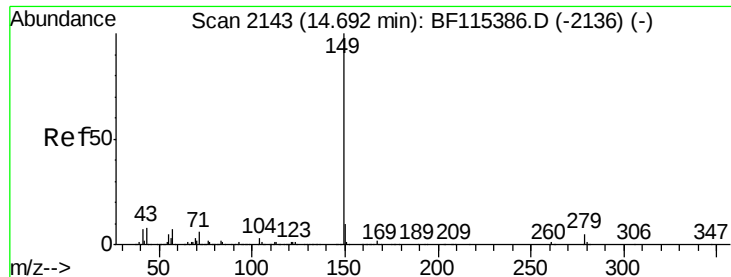
Ion Ratio Lower Upper

149 100

167 26.8 22.3 33.5

279 3.5 3.4 5.2

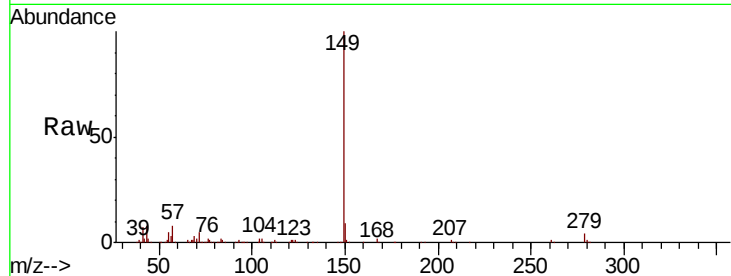




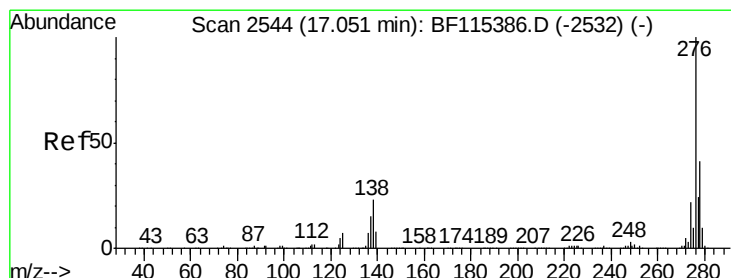
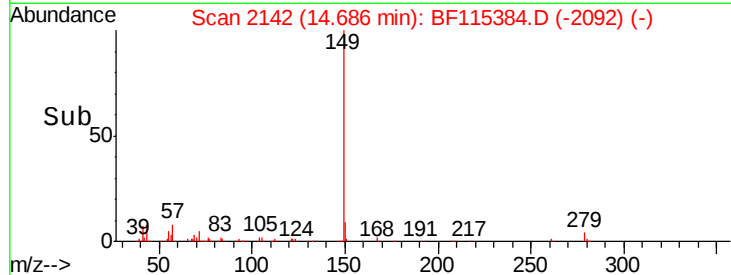
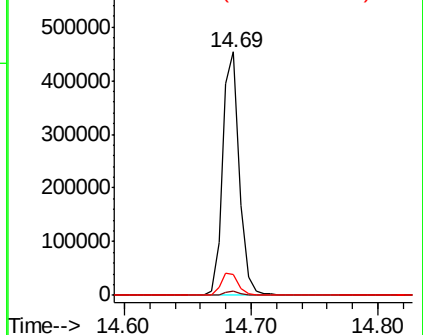
#85
Di-n-octyl phthalate
Concen: 11.060 ng
RT: 14.69 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BF115384.D
Acq: 5 Jul 2019 8:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 416117
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 9.5 7.6 11.4

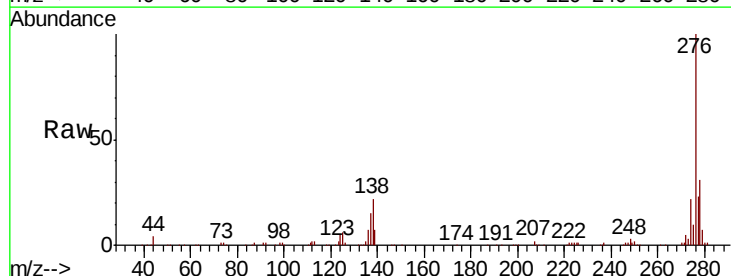


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

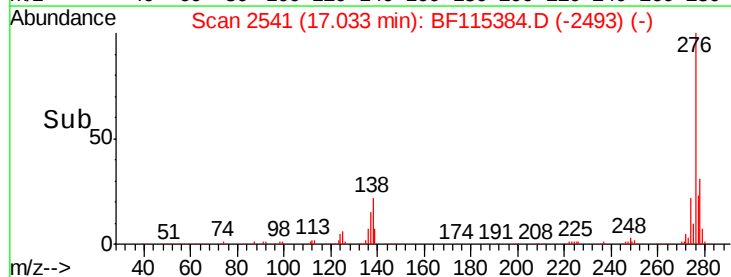
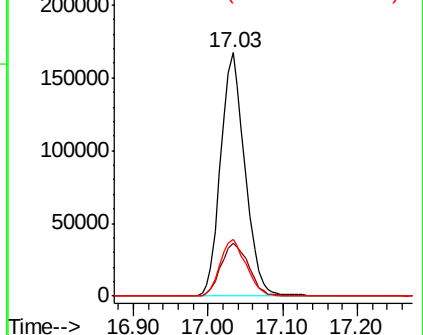


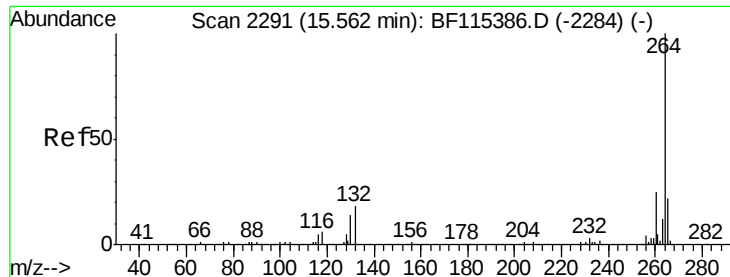
#86
Indeno(1,2,3-cd)pyrene
Concen: 9.693 ng
RT: 17.03 min Scan# 2541
Delta R.T. -0.02 min
Lab File: BF115384.D
Acq: 5 Jul 2019 8:48

Tgt Ion:276 Resp: 379872
Ion Ratio Lower Upper
276 100
138 24.6 0.0 0.0#
277 24.6 0.0 0.0#



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



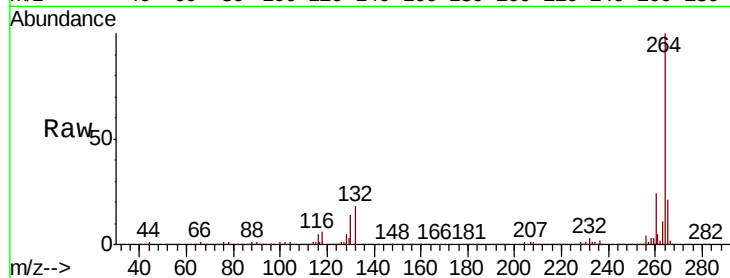


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. -0.01 min
Lab File: BF115384.D
Acq: 5 Jul 2019 8:48

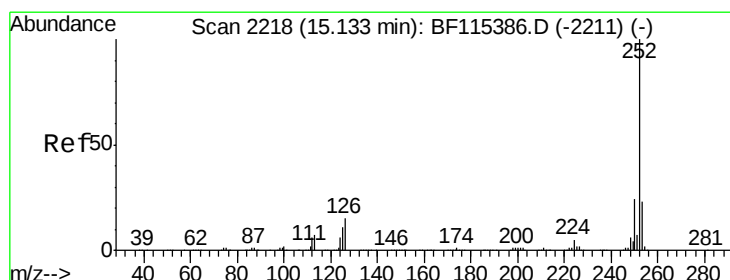
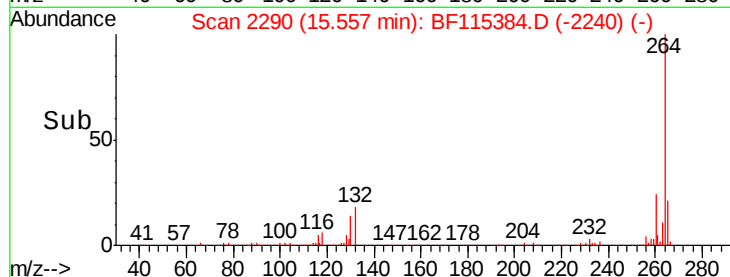
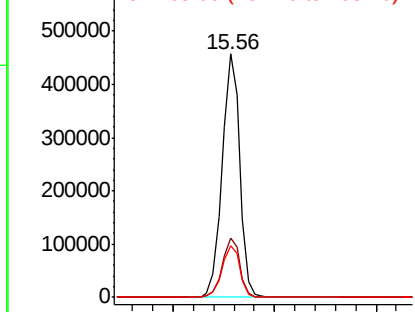
Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 550399

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.9	29.9
265	21.4	17.4	26.2



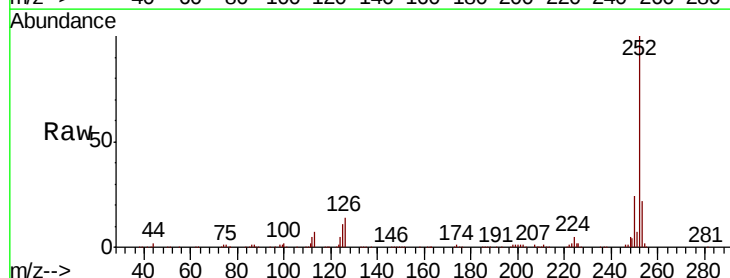
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



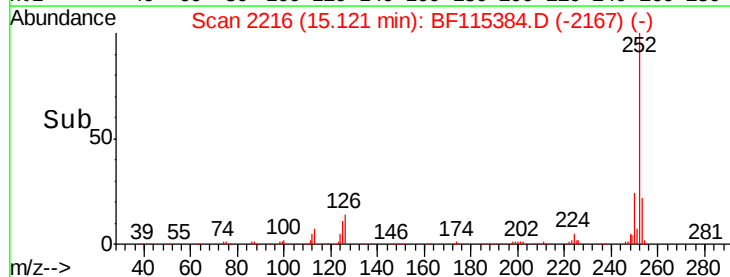
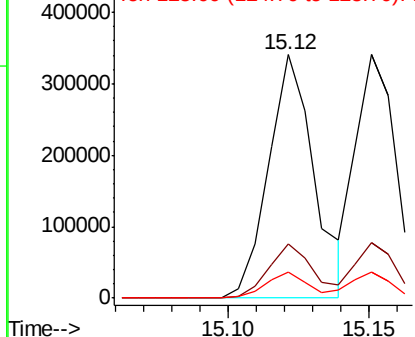
#88
Benzo(b)fluoranthene
Concen: 11.123 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BF115384.D
Acq: 5 Jul 2019 8:48

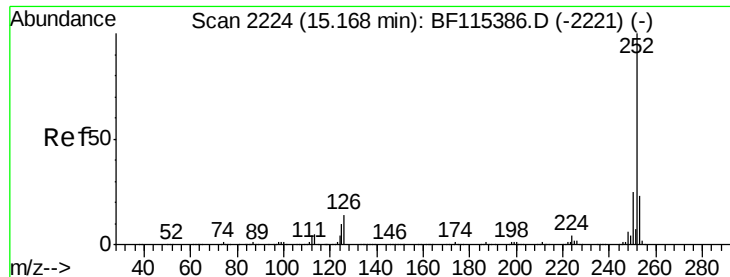
Tgt Ion:252 Resp: 381992

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	10.8	9.0	13.6



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

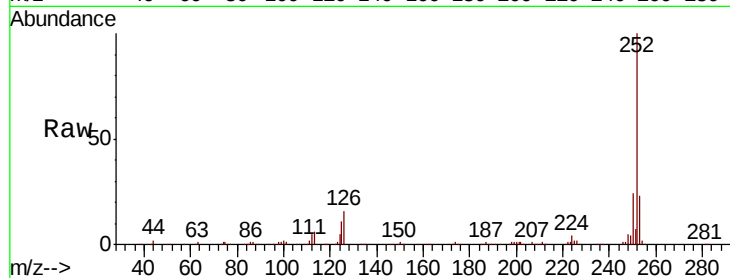




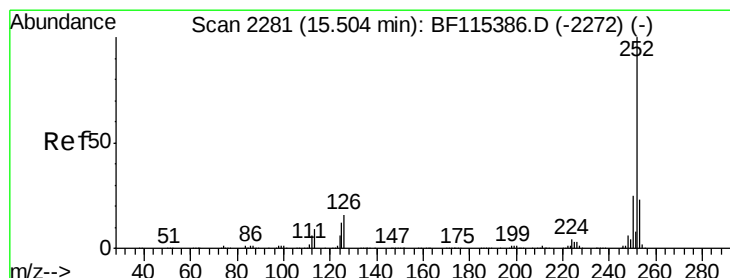
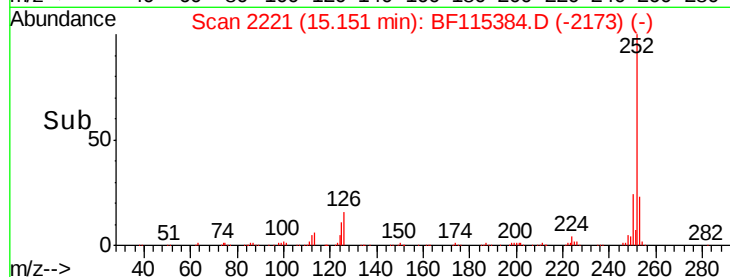
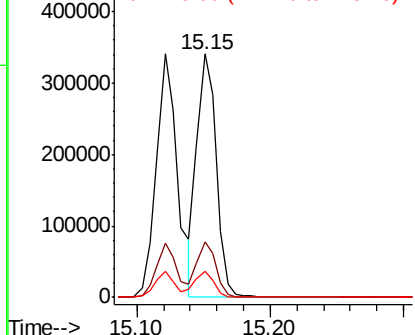
#89
Benzo(k)fluoranthene
Concen: 11.017 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.02 min
Lab File: BF115384.D
Acq: 5 Jul 2019 8:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 339302
Ion Ratio Lower Upper
252 100
253 22.7 18.3 27.5
125 10.9 8.3 12.5

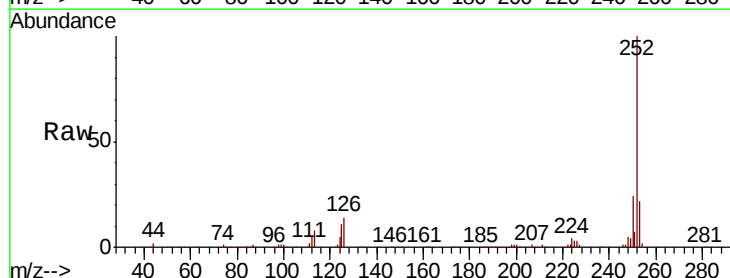


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

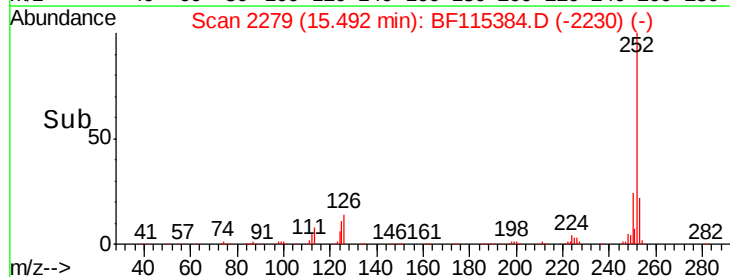
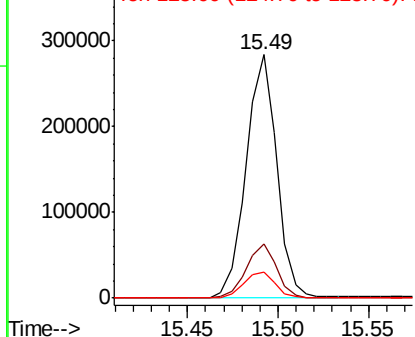


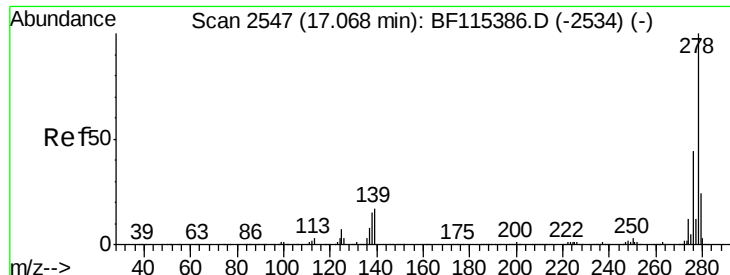
#90
Benzo(a)pyrene
Concen: 10.805 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF115384.D
Acq: 5 Jul 2019 8:48

Tgt Ion:252 Resp: 334461
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.2
125 10.8 10.0 15.0



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

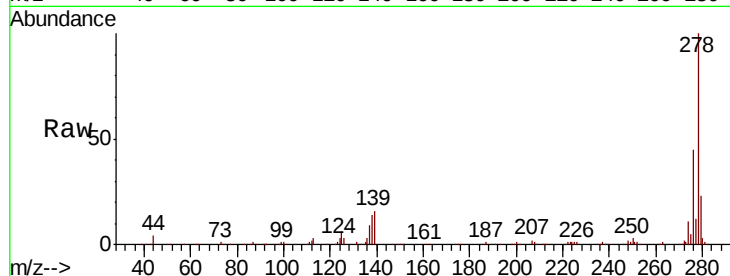




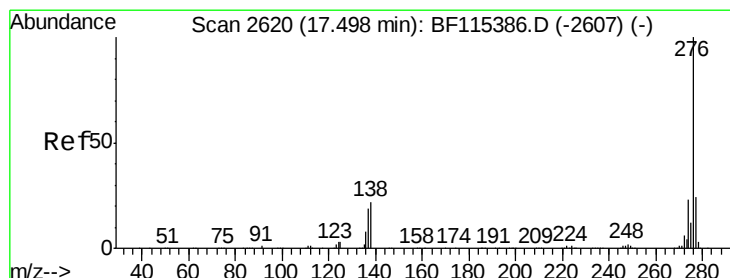
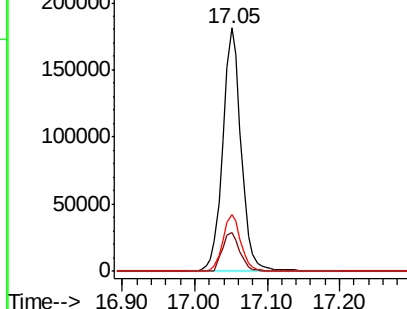
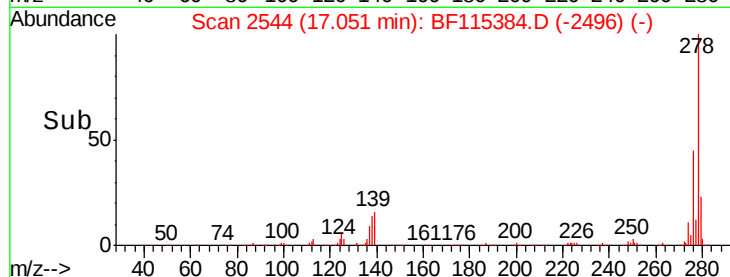
#91
Dibenzo(a,h)anthracene
Concen: 11.115 ng
RT: 17.05 min Scan# 2544
Delta R.T. -0.02 min
Lab File: BF115384.D
Acq: 5 Jul 2019 8:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 321186
Ion Ratio Lower Upper
278 100
139 16.0 13.4 20.2
279 23.3 19.4 29.0

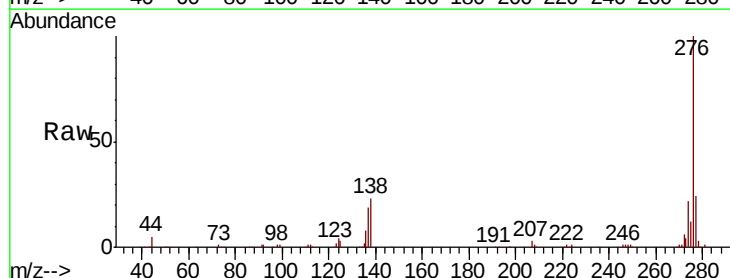


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 10.232 ng
RT: 17.47 min Scan# 2616
Delta R.T. -0.02 min
Lab File: BF115384.D
Acq: 5 Jul 2019 8:48

Tgt Ion:276 Resp: 299259
Ion Ratio Lower Upper
276 100
277 24.0 19.4 29.2
138 22.6 17.8 26.6



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

