

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051819\
 Data File : BF114384.D
 Acq On : 18 May 2019 12:11
 Operator : JU/SJ
 Sample : PB119803BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 20 04:08:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	245857	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	987994	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	478721	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	931891	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	653727	20.00	ng	-0.02
87) Perylene-d12	15.46	264	558355	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1608398	105.28	ng	0.00
7) Phenol-d6	6.49	99	2070268	114.57	ng	0.00
23) Nitrobenzene-d5	7.40	82	1130595	64.22	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	499394	100.90	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1979351	62.54	ng	-0.02
79) Terphenyl-d14	12.93	244	2002711	63.15	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	261755	31.171	ng	99
3) Pyridine	3.45	79	668336	28.886	ng	97
4) n-Nitrosodimethylamine	3.40	42	339439	30.423	ng	97
6) Aniline	6.50	93	595005	22.796	ng	# 6
8) 2-Chlorophenol	6.63	128	602225	36.924	ng	97
9) Benzaldehyde	6.39	77	208558	16.487	ng	99
10) Phenol	6.50	94	728632	34.278	ng	89
11) bis(2-Chloroethyl)ether	6.57	93	577478	35.785	ng	99
12) 1,3-Dichlorobenzene	6.77	146	618269	33.771	ng	98
13) 1,4-Dichlorobenzene	6.85	146	635945	34.472	ng	98
14) 1,2-Dichlorobenzene	7.00	146	584255	34.665	ng	98
15) Benzyl Alcohol	6.98	79	487616	34.600	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	1051324	33.600	ng	79
17) 2-Methylphenol	7.10	107	489738	36.554	ng	95
18) Hexachloroethane	7.35	117	235437	33.999	ng	100
19) n-Nitroso-di-n-propylamine	7.25	70	407059	35.541	ng	100
20) 3+4-Methylphenols	7.25	107	603477	38.986	ng	# 80
22) Acetophenone	7.25	105	797472	36.435	ng	93
24) Nitrobenzene	7.42	77	644350	35.935	ng	99
25) Isophorone	7.66	82	1159539	35.514	ng	99
26) 2-Nitrophenol	7.73	139	333003	38.279	ng	96
27) 2,4-Dimethylphenol	7.77	122	537988	39.375	ng	100
28) bis(2-Chloroethoxy)methane	7.86	93	739025	34.885	ng	100
29) 2,4-Dichlorophenol	7.98	162	495281	36.404	ng	100
30) 1,2,4-Trichlorobenzene	8.06	180	526404	34.026	ng	98
31) Naphthalene	8.14	128	1691031	36.641	ng	98
32) Benzoic acid	7.92	122	323090	35.334	ng	99
33) 4-Chloroaniline	8.19	127	447769	21.291	ng	99
34) Hexachlorobutadiene	8.25	225	288643	32.790	ng	97
35) Caprolactam	8.56	113	97428	21.962	ng	96
36) 4-Chloro-3-methylphenol	8.68	107	524325	38.286	ng	98
37) 2-Methylnaphthalene	8.83	142	1134786	38.111	ng	98
38) 1-Methylnaphthalene	8.93	142	1076918	38.405	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	508680	35.078	ng	100

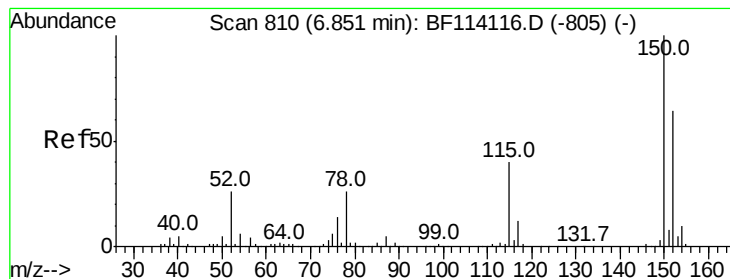
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051819\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	232066	36.817	nq	99
43) 2,4,6-Trichlorophenol	9.12	196	319793	32.061	nq	98
44) 2,4,5-Trichlorophenol	9.16	196	345808	33.806	nq	98
46) 1,1'-Biphenyl	9.29	154	1360620	35.182	nq	98
47) 2-Chloronaphthalene	9.32	162	1050563	33.753	nq	98
48) 2-Nitroaniline	9.42	65	366663	33.217	nq	97
49) Acenaphthylene	9.73	152	1666143	35.196	nq	99
50) Dimethylphthalate	9.59	163	1201566	34.191	nq	100
51) 2,6-Dinitrotoluene	9.66	165	275206	35.307	nq	95
52) Acenaphthene	9.90	154	972594	33.481	nq	99
53) 3-Nitroaniline	9.83	138	223970	23.147	nq	100
54) 2,4-Dinitrophenol	9.95	184	235429	61.748	nq	98
55) Dibenzofuran	10.07	168	1431846	33.615	nq	99
56) 4-Nitrophenol	10.01	139	337138	49.270	nq	94
57) 2,4-Dinitrotoluene	10.07	165	349981	33.081	nq	# 91
58) Fluorene	10.42	166	1149897	34.949	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	281375	31.879	nq	99
60) Diethylphthalate	10.29	149	1181844	33.098	nq	99
61) 4-Chlorophenyl-phenylether	10.40	204	549279	33.991	nq	96
62) 4-Nitroaniline	10.45	138	312484	30.734	nq	96
63) Azobenzene	10.57	77	1164745	33.700	nq	98
65) 4,6-Dinitro-2-methylphenol	10.48	198	163119	36.428	nq	88
66) n-Nitrosodiphenylamine	10.53	169	1027431	36.327	nq	98
67) 4-Bromophenyl-phenylether	10.90	248	344990	33.623	nq	95
68) Hexachlorobenzene	10.97	284	376964	33.210	nq	94
69) Atrazine	11.05	200	299134	33.986	nq	99
70) Pentachlorophenol	11.17	266	285132	52.991	nq	99
71) Phenanthrene	11.38	178	1630756	35.969	nq	99
72) Anthracene	11.43	178	1663856	36.538	nq	100
73) Carbazole	11.59	167	1592190	36.666	nq	99
74) Di-n-butylphthalate	11.91	149	1819178	36.363	nq	100
75) Fluoranthene	12.57	202	1740638	35.652	nq	98
77) Benzdine	12.69	184	579743	19.756	nq	96
78) Pyrene	12.80	202	1784927	33.941	nq	99
80) Butylbenzylphthalate	13.40	149	797351	36.022	nq	97
81) Benzo(a)anthracene	13.99	228	1492637	35.301	nq	100
82) 3,3'-Dichlorobenzidine	13.94	252	492495	30.025	nq	99
83) Chrysene	14.03	228	1480765	35.725	nq	98
84) Bis(2-ethylhexyl)phthalate	13.96	149	1068923	36.923	nq	99
85) Di-n-octyl phthalate	14.57	149	1807908	38.524	nq	98
86) Indeno(1,2,3-cd)pyrene	16.94	276	1266679	34.579	nq	99
88) Benzo(b)fluoranthene	15.04	252	1477750	41.311	nq	100
89) Benzo(k)fluoranthene	15.07	252	1378167	41.941	nq	99
90) Benzo(a)pyrene	15.40	252	1340452	42.579	nq	99
91) Dibenzo(a,h)anthracene	16.94	278	1053828	40.284	nq	99
92) Benzo(g,h,i)perylene	17.37	276	1078023	41.121	nq	99

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

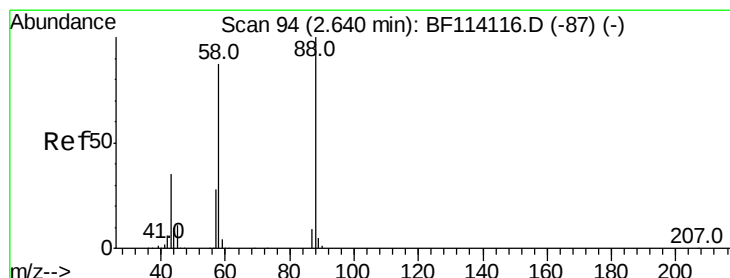
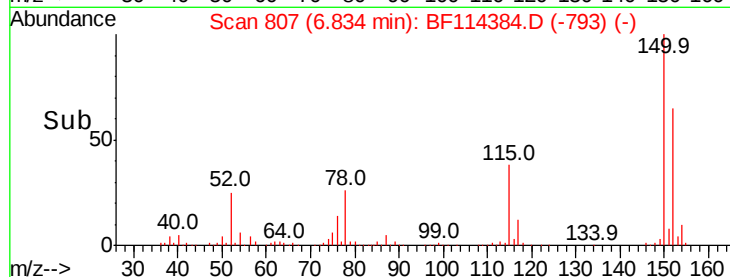
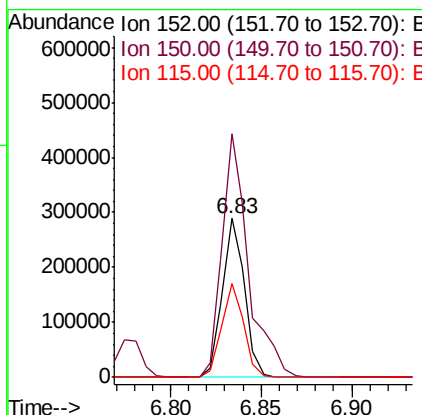
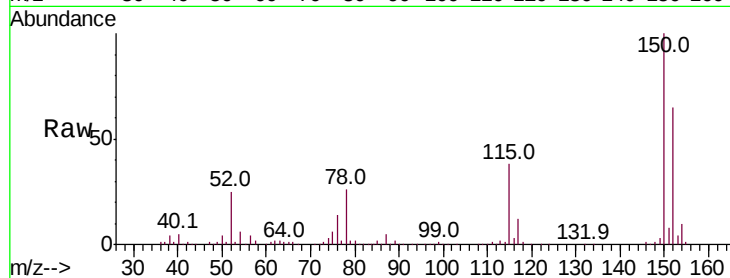


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF114384.D
Acq: 18 May 2019 12:11

Instrument :
BNA_F
ClientSampleId :

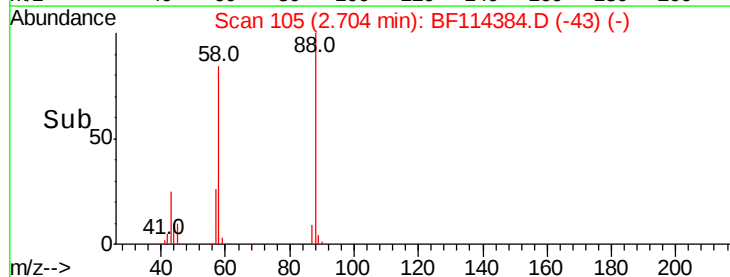
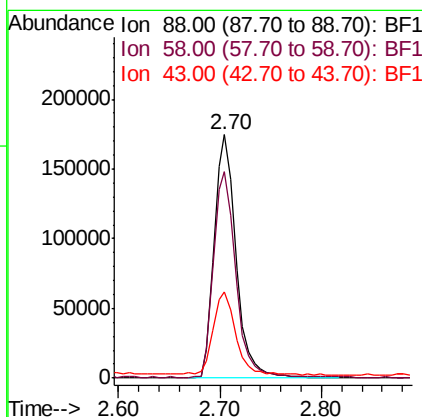
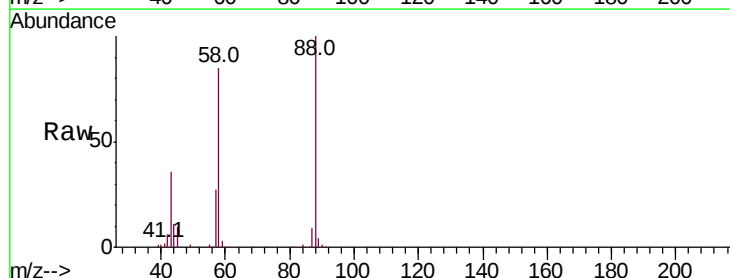
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	124.3	186.5
115	58.9	49.1	73.7

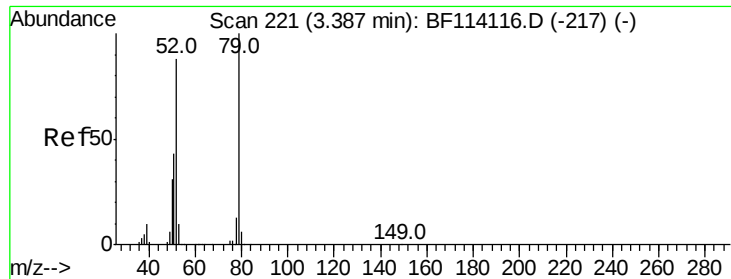


#2

1,4-Dioxane
Concen: 31.171 ng
RT: 2.70 min Scan# 105
Delta R.T. 0.06 min
Lab File: BF114384.D
Acq: 18 May 2019 12:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.3	68.7	103.1
43	34.4	28.2	42.2





#3

Pvridine

Concen: 28.886 ng

RT: 3.45 min Scan# 232

Delta R.T. 0.06 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

Instrument :

BNA_F

ClientSampled :

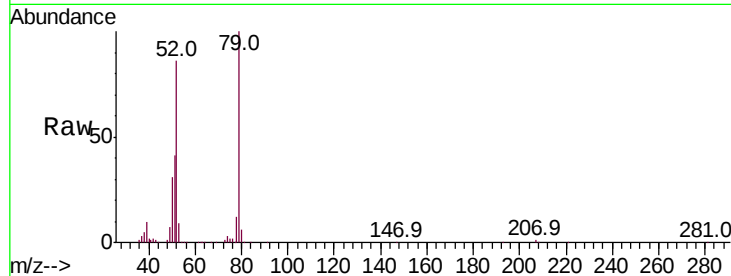
Tot Ion: 79 Resp: 668336

Ion Ratio Lower Upper

79 100

52 85.9 70.6 105.8

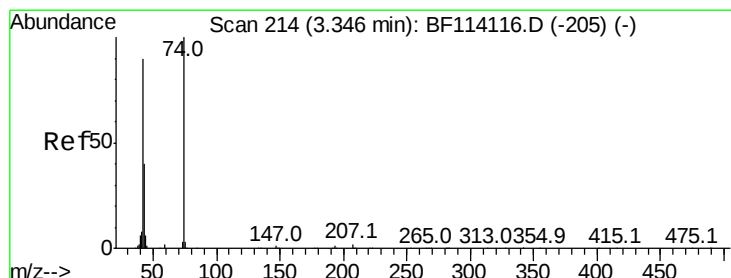
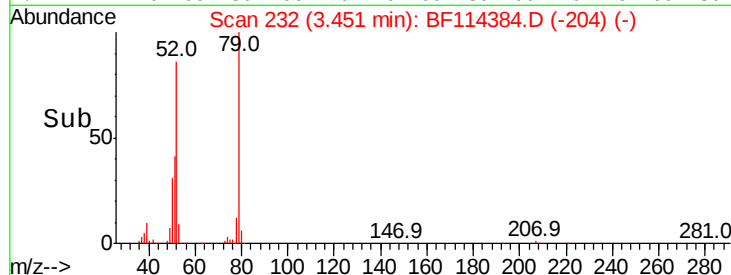
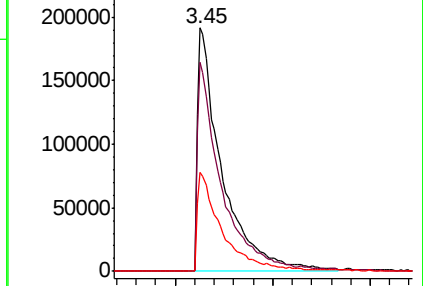
51 40.9 34.2 51.2



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: 30.423 ng

RT: 3.40 min Scan# 223

Delta R.T. 0.05 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

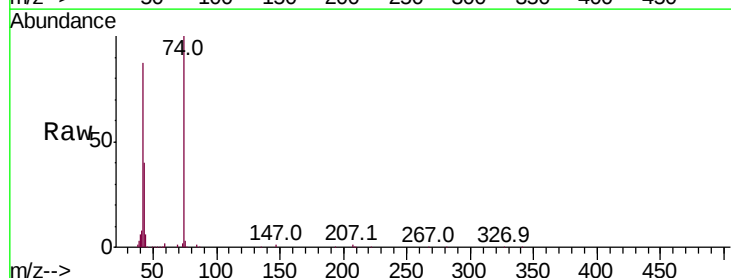
Tgt Ion: 42 Resp: 339439

Ion Ratio Lower Upper

42 100

74 114.6 88.6 132.8

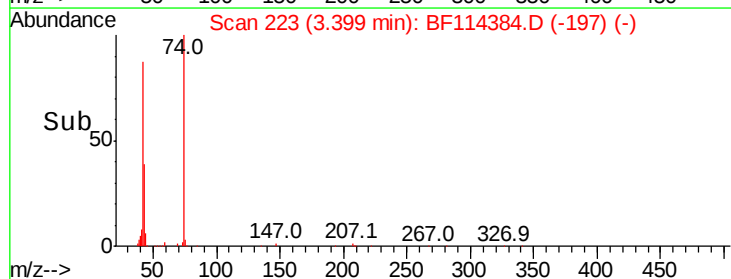
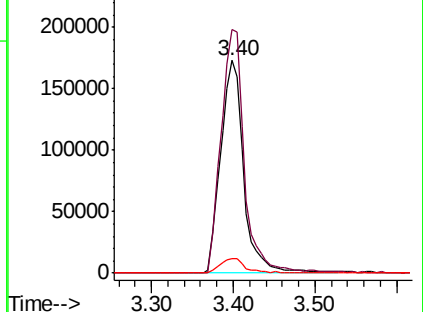
44 6.9 5.5 8.3



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: 105.278 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

Instrument :

BNA_F

ClientSampleId :

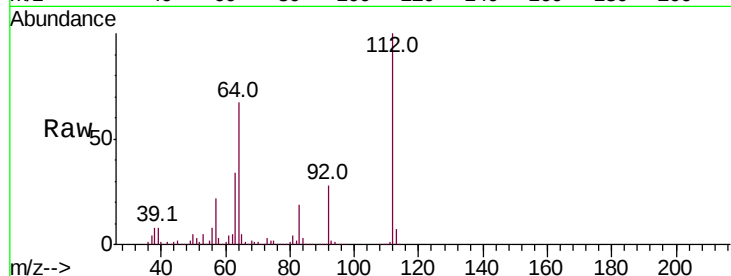
Tot Ion:112 Resp: 1608398

Ion Ratio Lower Upper

112 100

64 66.9 49.0 73.6

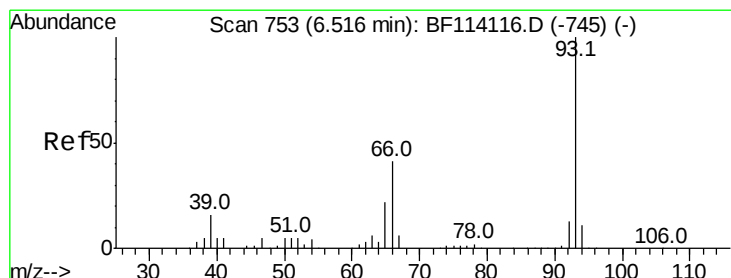
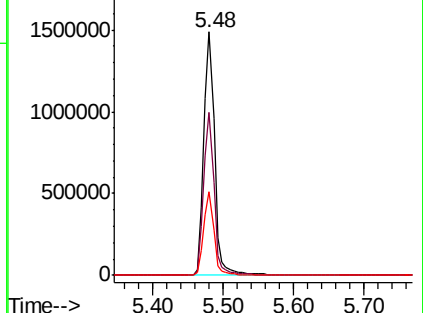
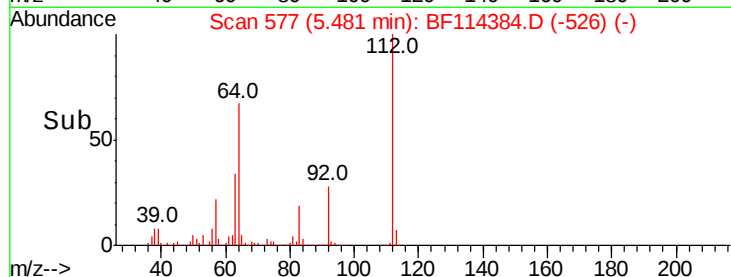
63 34.1 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 22.796 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

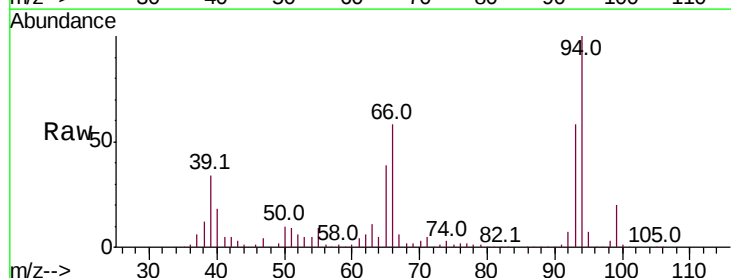
Tgt Ion: 93 Resp: 595005

Ion Ratio Lower Upper

93 100

66 100.0 33.2 49.8#

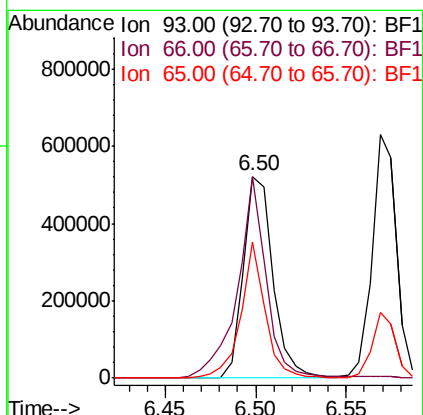
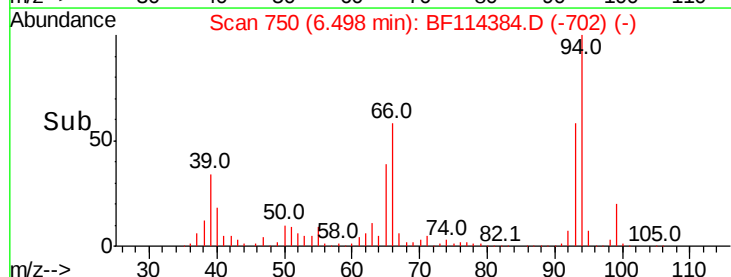
65 67.7 17.6 26.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 114.574 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

Instrument :

BNA_F

ClientSampled :

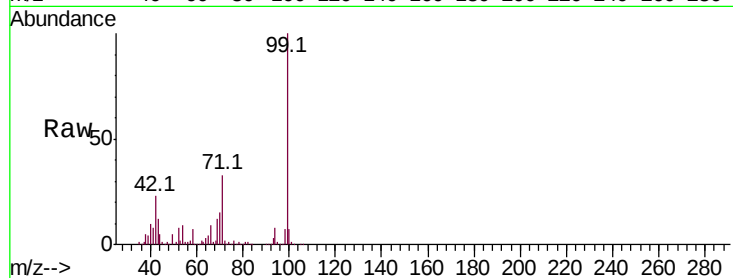
Tot Ion: 99 Resp: 2070268

Ion Ratio Lower Upper

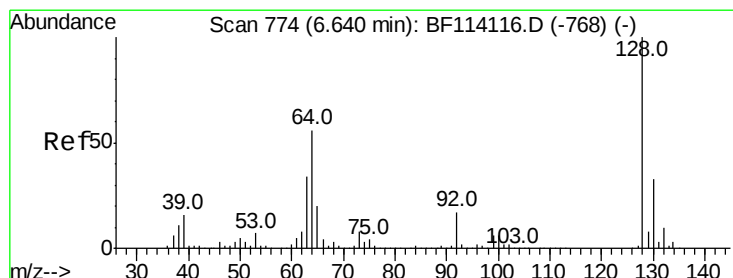
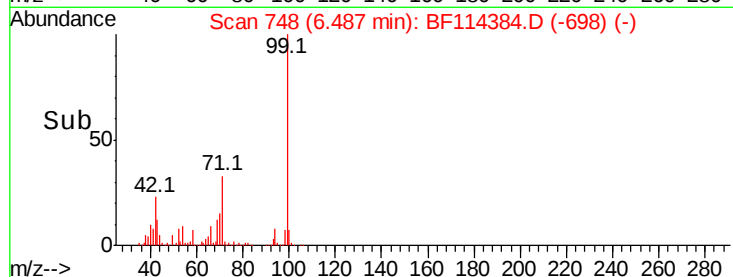
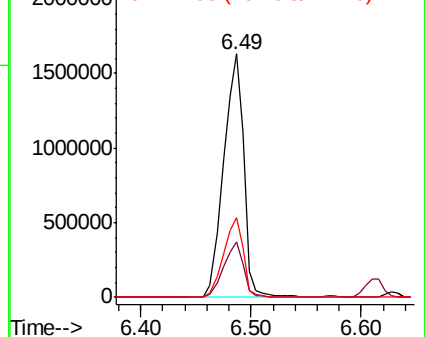
99 100

42 22.7 17.9 26.9

71 33.0 26.2 39.2



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: 36.924 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

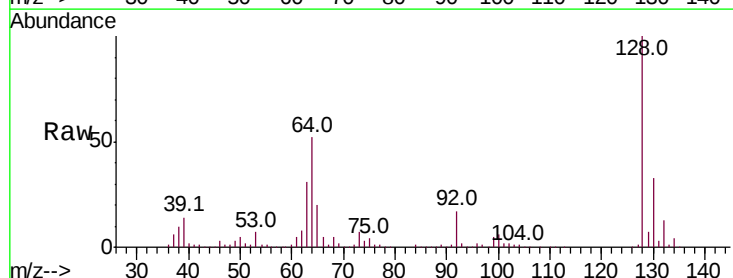
Tgt Ion:128 Resp: 602225

Ion Ratio Lower Upper

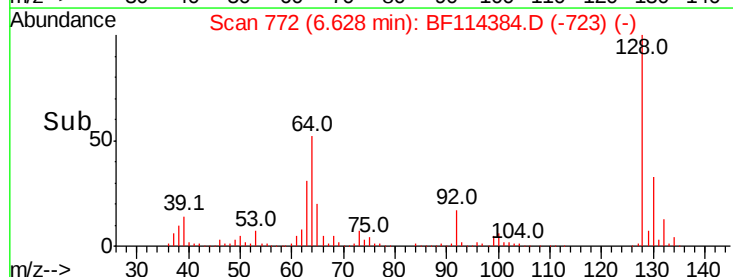
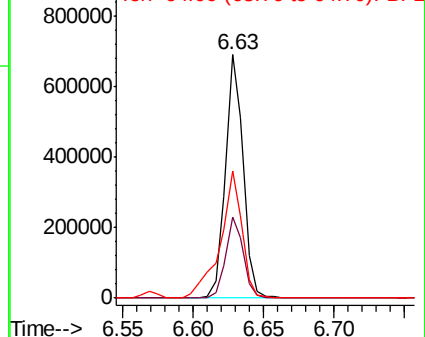
128 100

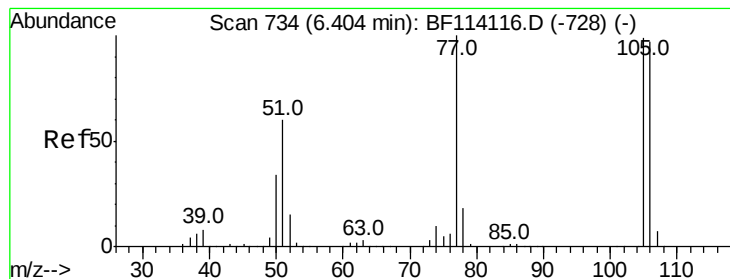
130 33.1 12.6 52.6

64 52.3 35.9 75.9



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: 16.487 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

Instrument :

BNA_F

ClientSampled :

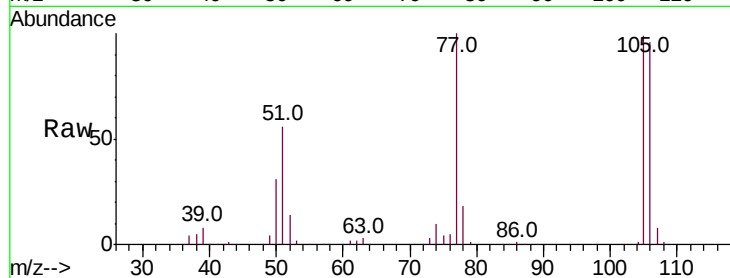
Tot Ion: 77 Resp: 208558

Ion Ratio Lower Upper

77 100

105 99.3 79.3 119.3

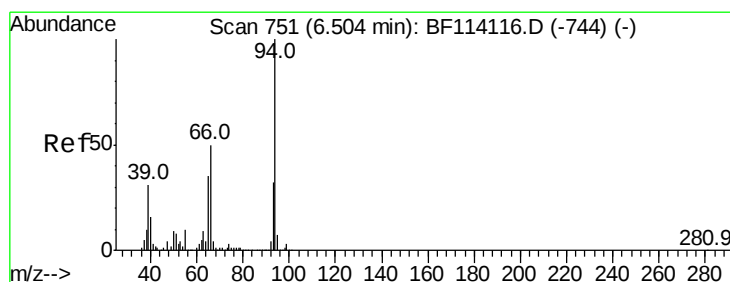
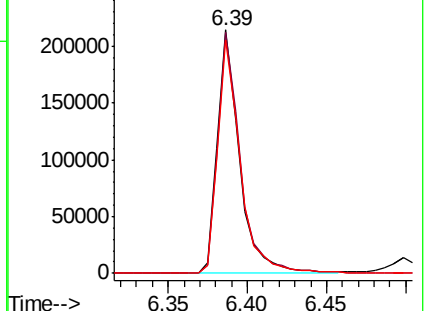
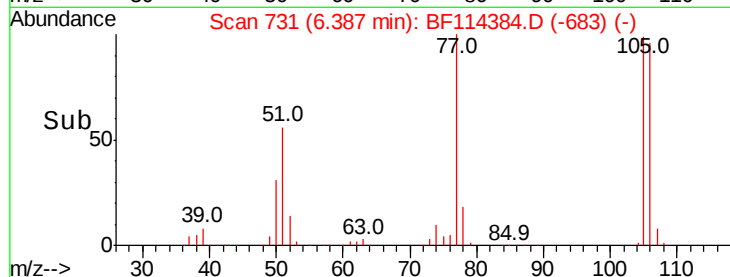
106 95.8 77.0 117.0



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 34.278 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

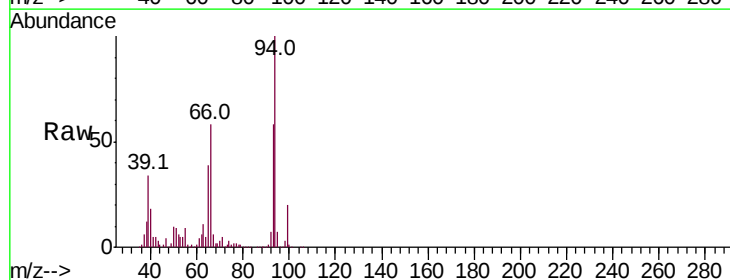
Tgt Ion: 94 Resp: 728632

Ion Ratio Lower Upper

94 100

65 39.3 14.7 54.7

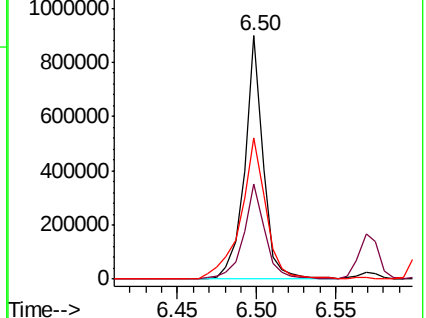
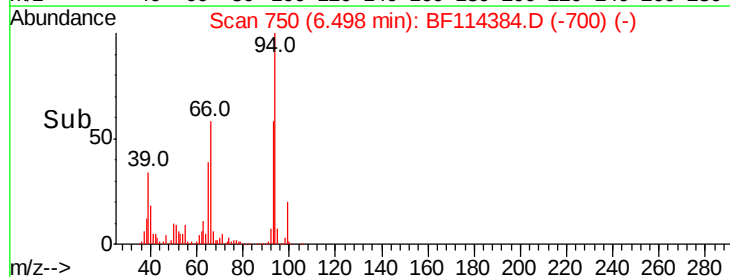
66 58.1 29.6 69.6

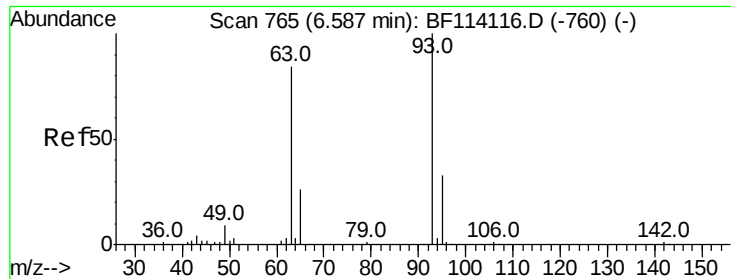


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 35.785 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.02 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

Instrument :

BNA_F

ClientSampleId :

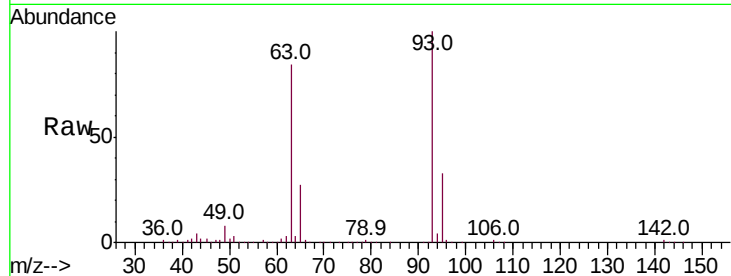
Tot Ion: 93 Resp: 577478

Ion Ratio Lower Upper

93 100

63 84.4 63.6 103.6

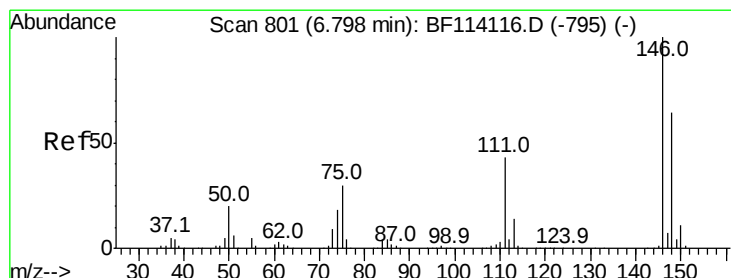
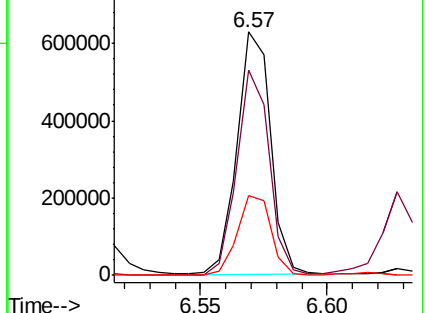
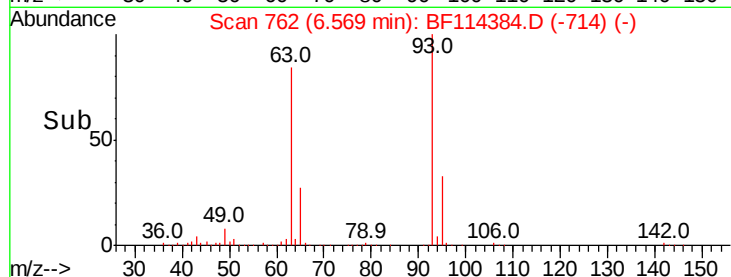
95 32.8 13.1 53.1



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: 33.771 ng

RT: 6.77 min Scan# 797

Delta R.T. -0.02 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

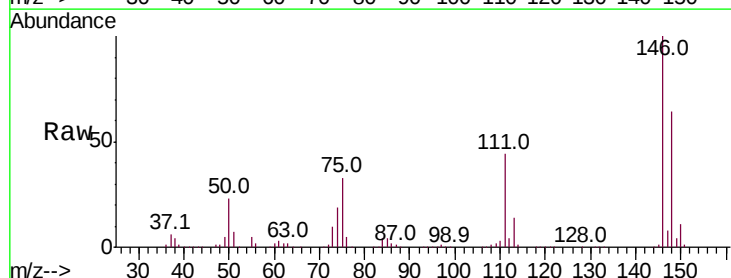
Tgt Ion: 146 Resp: 618269

Ion Ratio Lower Upper

146 100

148 64.2 51.6 77.4

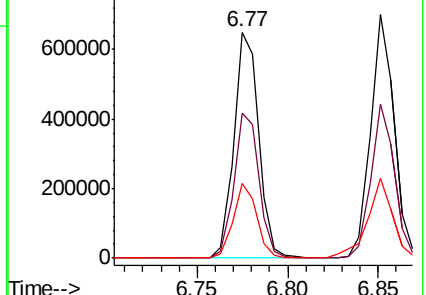
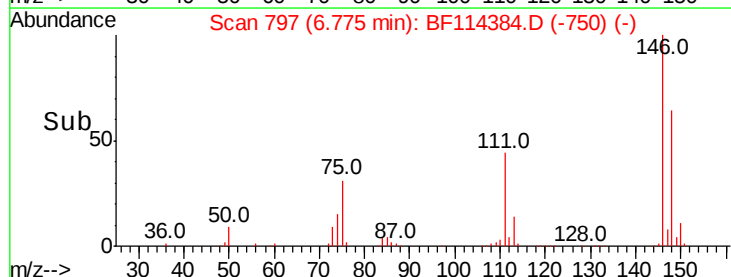
75 33.1 24.2 36.2

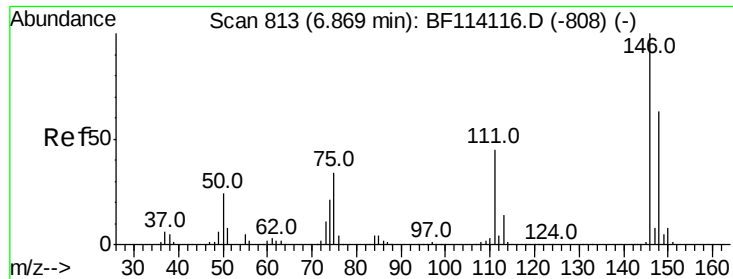


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

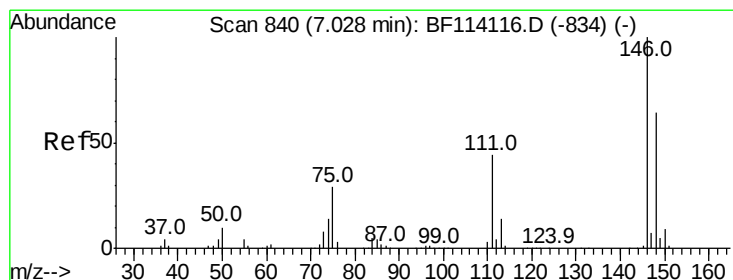
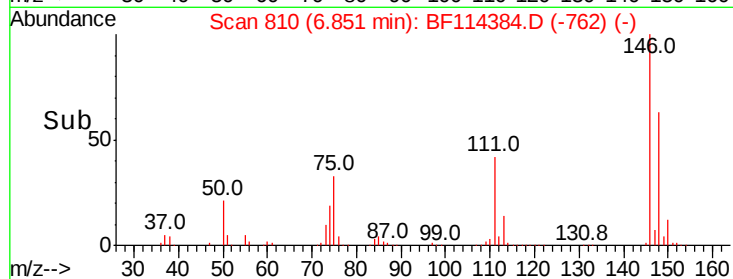
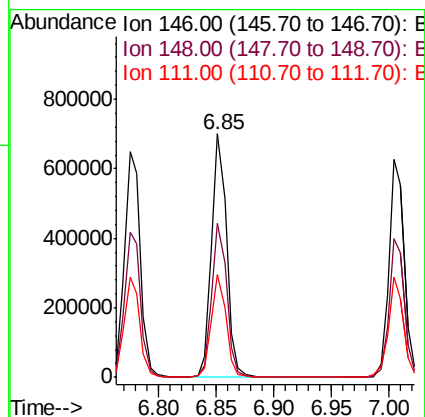
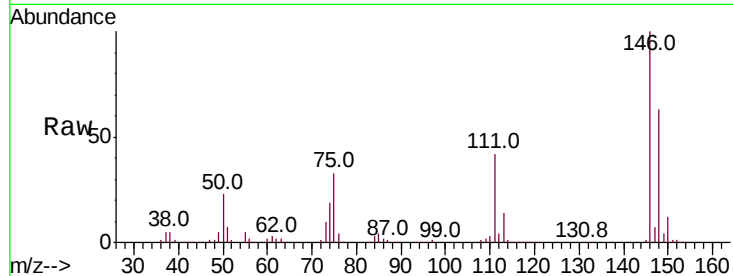




#13
 1,4-Dichlorobenzene
 Concen: 34.472 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.02 min
 Lab File: BF114384.D
 Acq: 18 May 2019 12:11

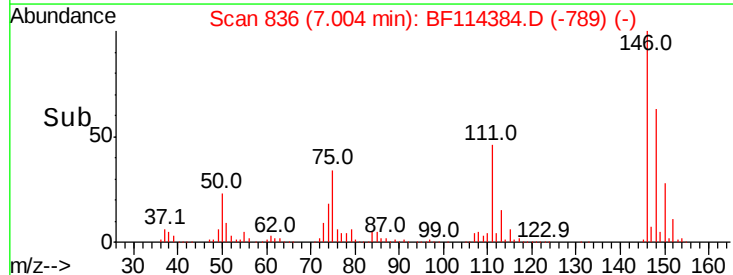
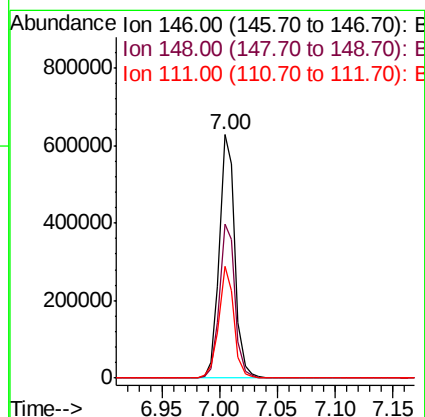
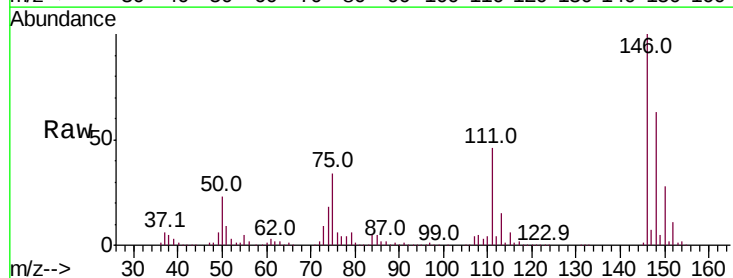
Instrument :
 BNA_F
 ClientSampled :

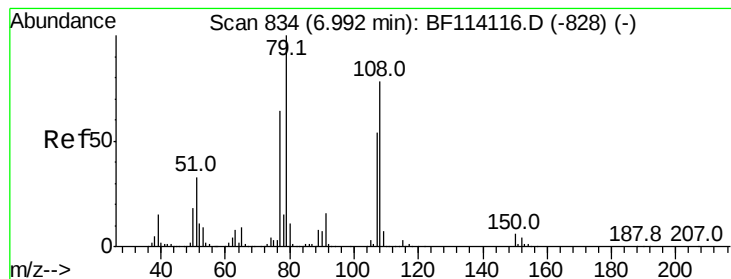
Tot Ion:146 Resp: 635945
 Ion Ratio Lower Upper
 146 100
 148 63.1 50.2 75.2
 111 42.4 35.8 53.6



#14
 1,2-Dichlorobenzene
 Concen: 34.665 ng
 RT: 7.00 min Scan# 836
 Delta R.T. -0.02 min
 Lab File: BF114384.D
 Acq: 18 May 2019 12:11

Tgt Ion:146 Resp: 584255
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.1 76.7
 111 45.8 35.3 52.9





#15

Benzyl Alcohol

Concen: 34.600 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

Instrument :

BNA_F

ClientSampled :

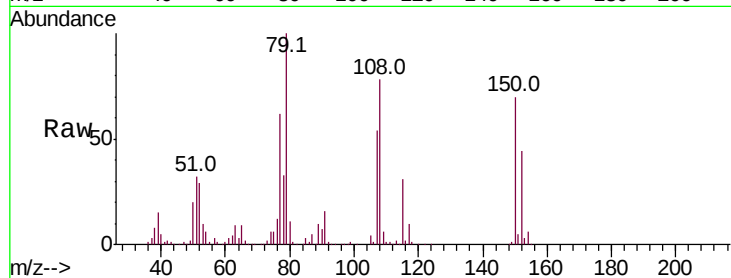
Tot Ion: 79 Resp: 487616

Ion Ratio Lower Upper

79 100

108 78.0 62.1 93.1

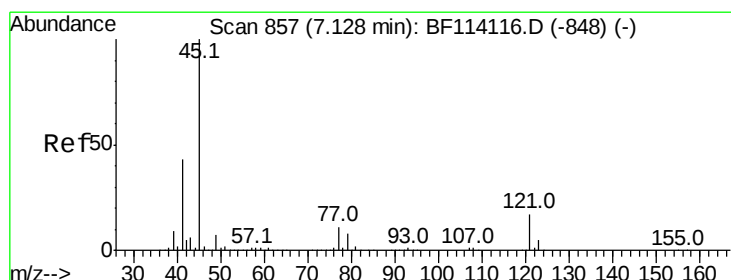
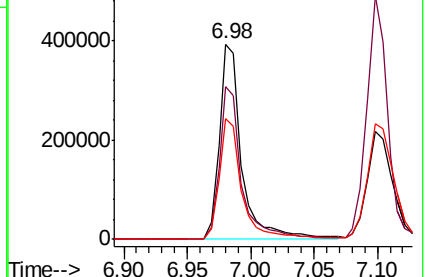
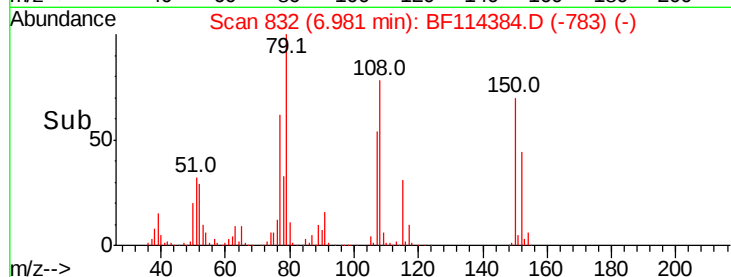
77 61.9 51.0 76.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.600 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.02 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

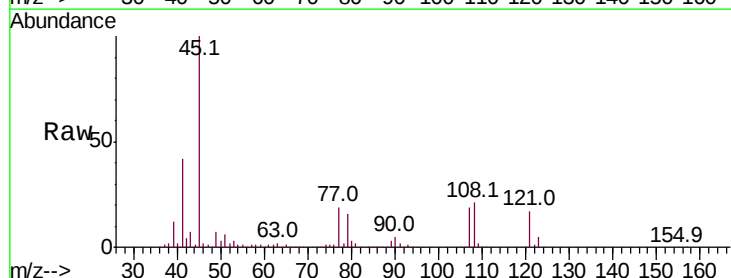
Tgt Ion: 45 Resp: 1051324

Ion Ratio Lower Upper

45 100

77 19.1 0.0 31.1

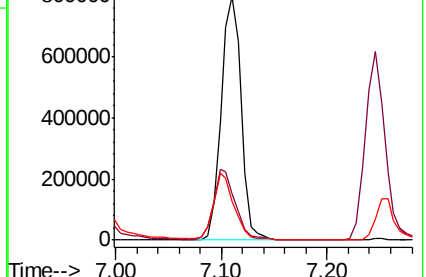
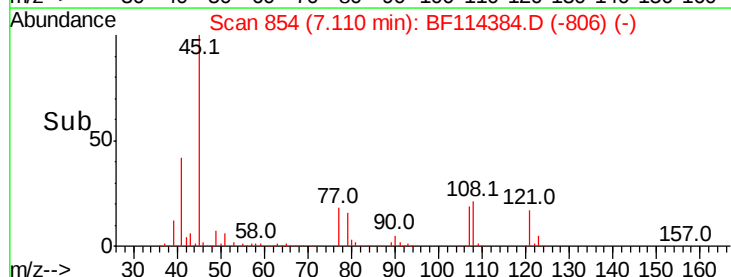
79 16.2 0.0 28.4

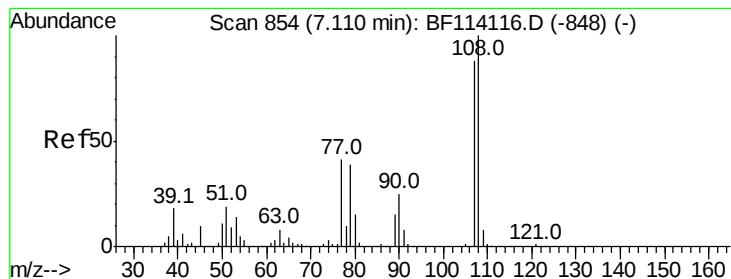


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 36.554 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 489738

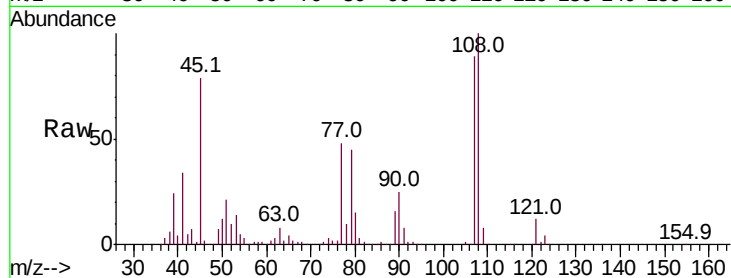
Ion Ratio Lower Upper

107 100

108 112.9 90.5 135.7

77 53.8 37.0 55.4

79 50.3 35.8 53.8

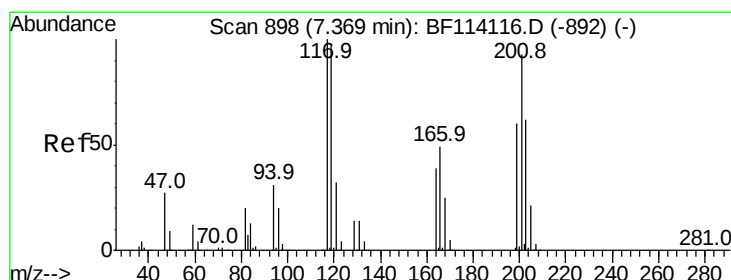
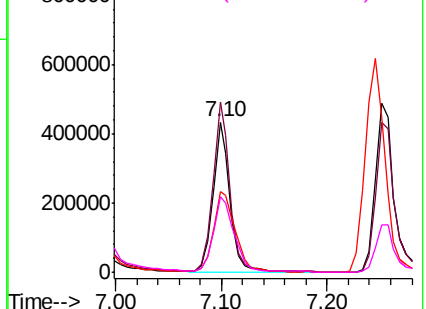
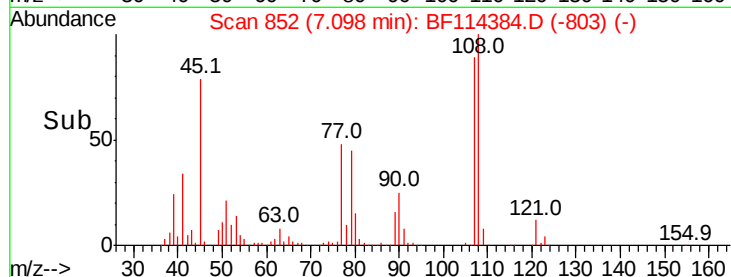


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 33.999 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.02 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

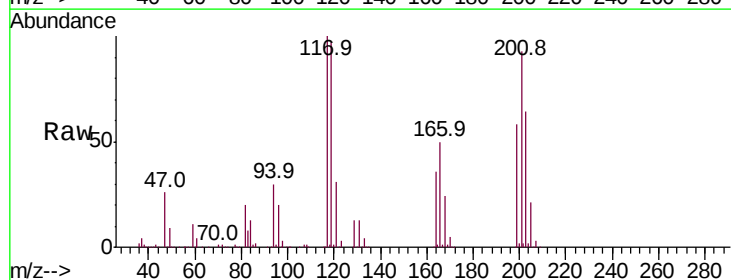
Tgt Ion:117 Resp: 235437

Ion Ratio Lower Upper

117 100

119 96.7 77.4 116.2

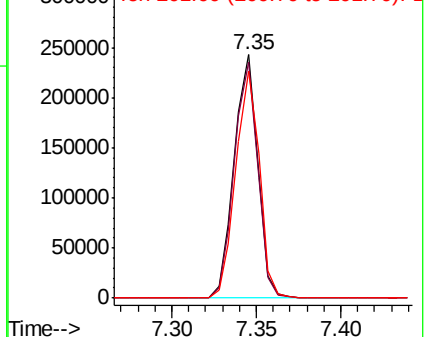
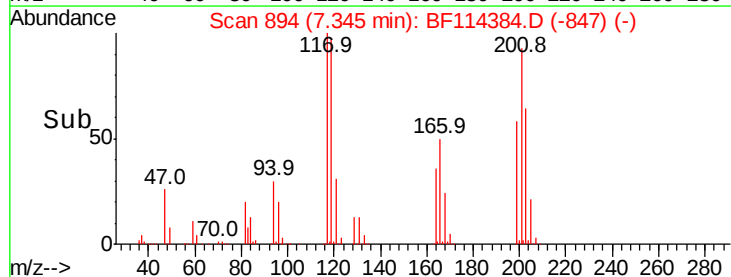
201 93.4 74.5 111.7



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

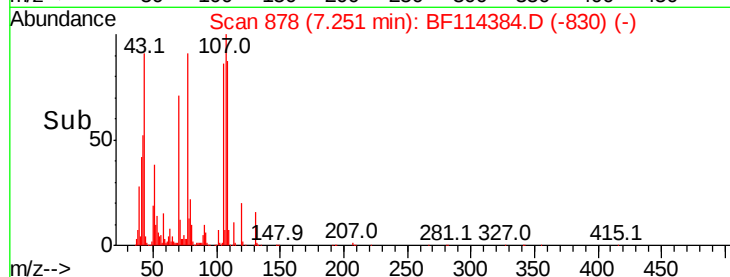
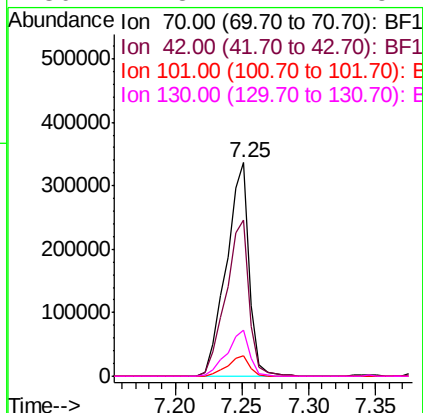
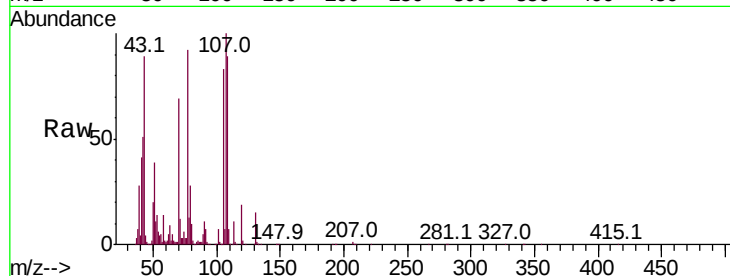




#19
n-Nitroso-di-n-propylamine
Concen: 35.541 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF114384.D
Acq: 18 May 2019 12:11

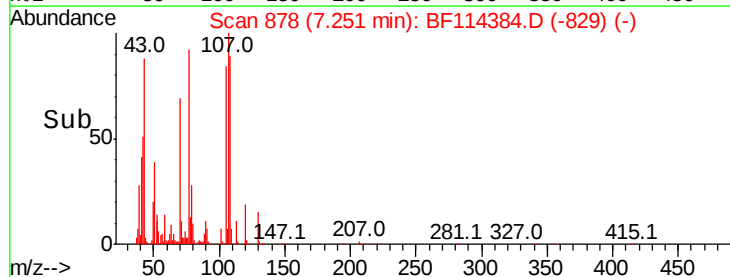
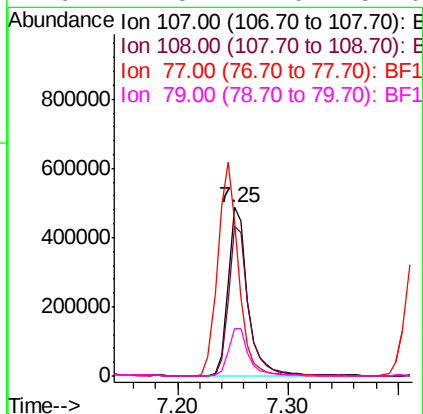
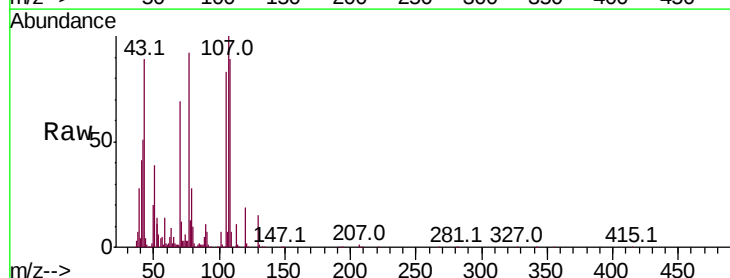
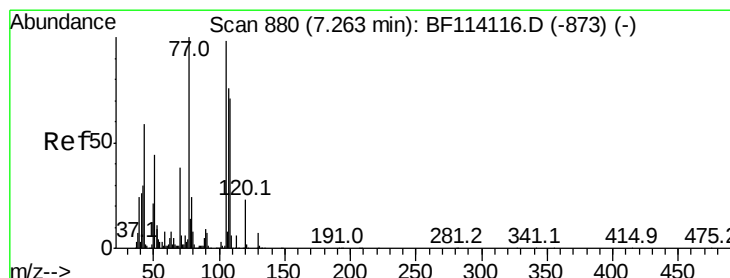
Instrument :
BNA_F
ClientSampled :

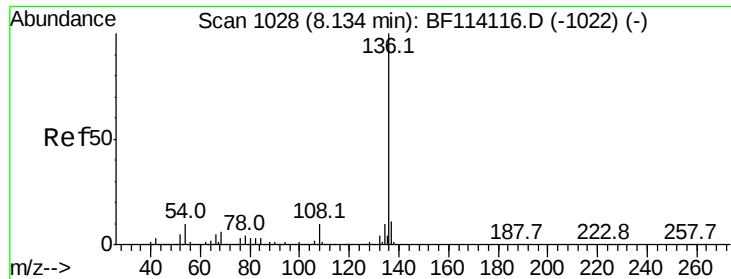
Tot Ion:	70	Resp:	407059
Ion	Ratio	Lower	Upper
70	100		
42	73.2	58.6	87.8
101	9.7	7.8	11.8
130	21.8	17.1	25.7



#20
3+4-Methylphenols
Concen: 38.986 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF114384.D
Acq: 18 May 2019 12:11

Tgt Ion:	107	Resp:	603477
Ion	Ratio	Lower	Upper
107	100		
108	88.9	73.8	113.8
77	92.0	111.5	151.5#
79	27.8	12.0	52.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.02 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 987994

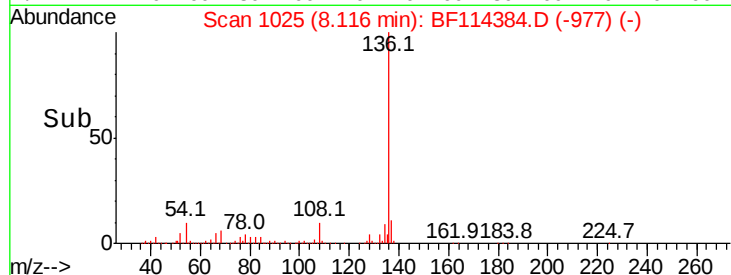
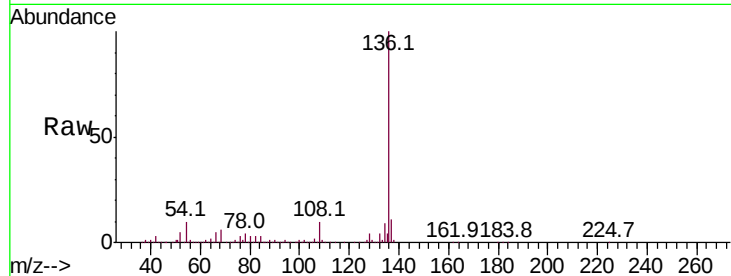
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 10.0 7.8 11.8

68 6.4 5.1 7.7



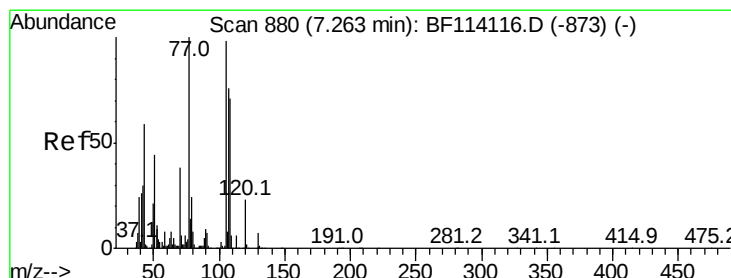
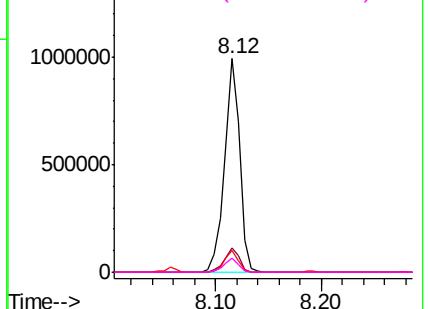
Abundance

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: 36.435 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.02 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

Tgt Ion:105 Resp: 797472

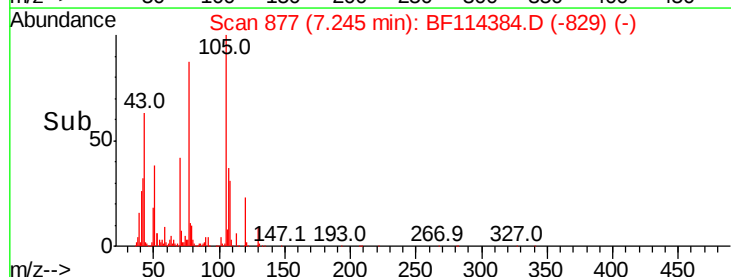
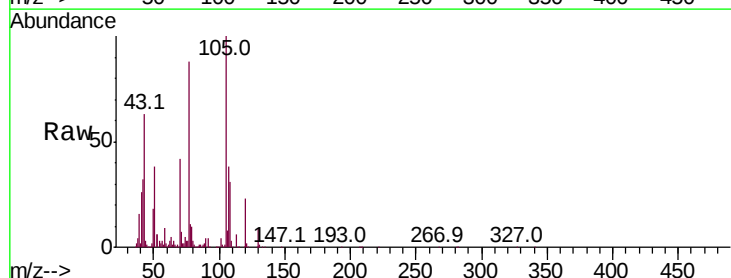
Ion Ratio Lower Upper

105 100

71 7.2 5.3 7.9

51 38.3 36.2 54.4

120 23.3 18.6 28.0



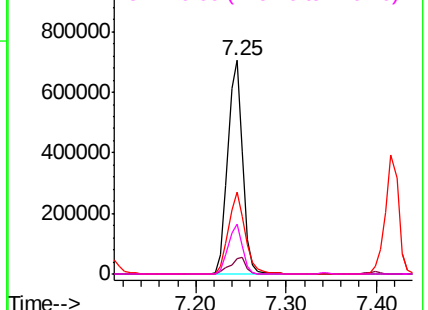
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

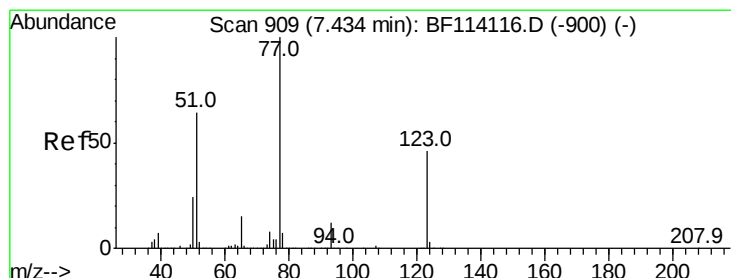
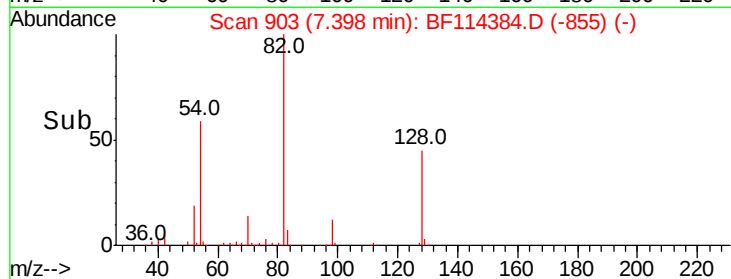
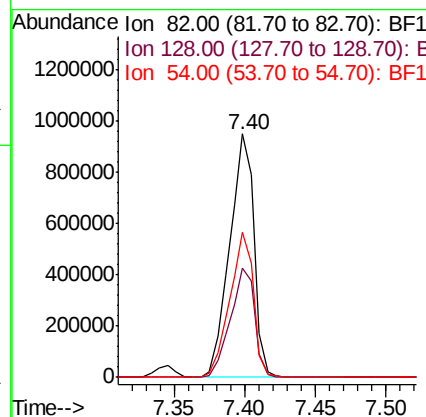
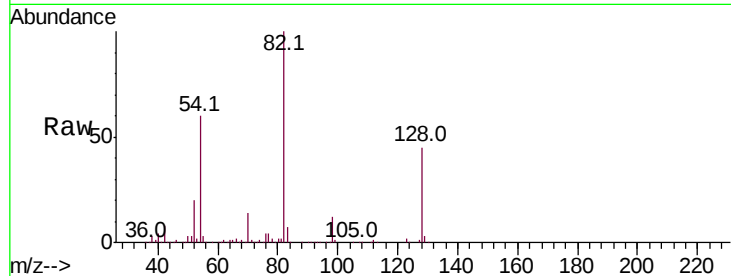




#23
 Nitrobenzene-d5
 Concen: 64.220 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BF114384.D
 Acq: 18 May 2019 12:11

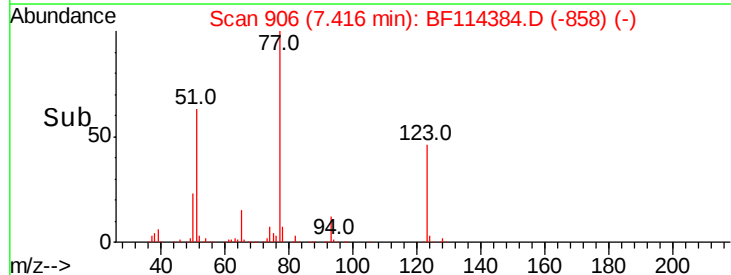
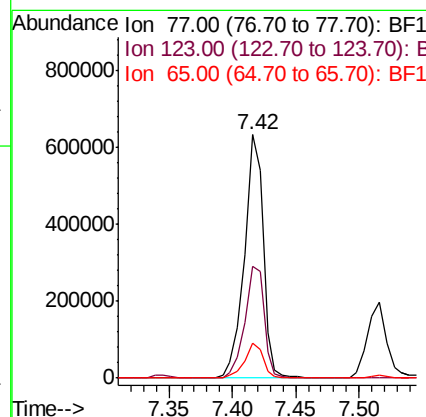
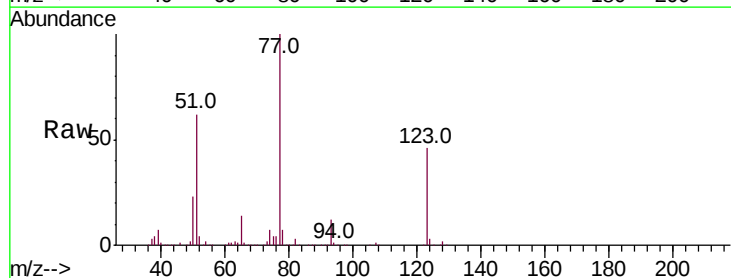
Instrument :
 BNA_F
 ClientSampleID :

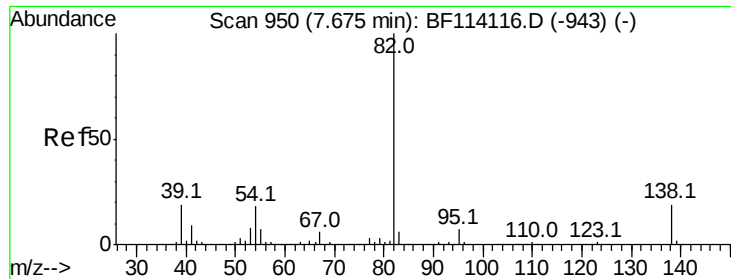
Tot Ion: 82 Resp: 1130595
 Ion Ratio Lower Upper
 82 100
 128 44.7 35.5 53.3
 54 59.7 48.5 72.7



#24
 Nitrobenzene
 Concen: 35.935 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.02 min
 Lab File: BF114384.D
 Acq: 18 May 2019 12:11

Tgt Ion: 77 Resp: 644350
 Ion Ratio Lower Upper
 77 100
 123 45.7 36.9 55.3
 65 14.4 11.8 17.6





#25

Isophorone

Concen: 35.514 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.02 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

Instrument :

BNA_F

ClientSampleId :

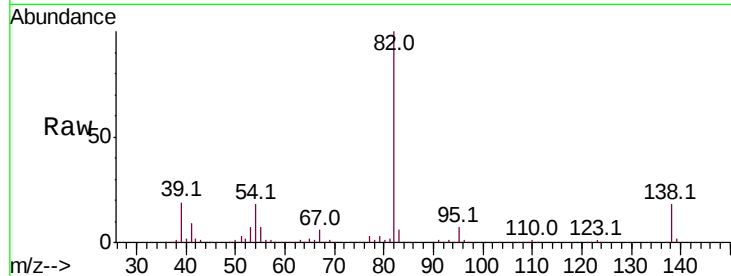
Tot Ion: 82 Resp: 1159539

Ion Ratio Lower Upper

82 100

95 6.7 5.6 8.4

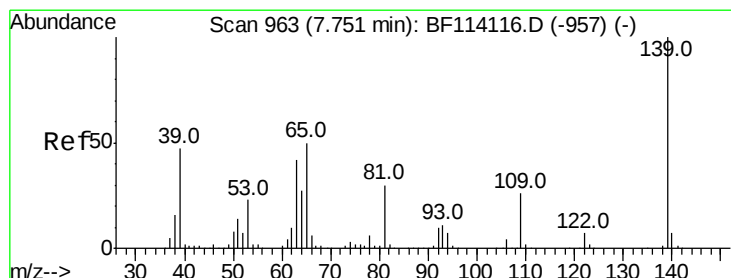
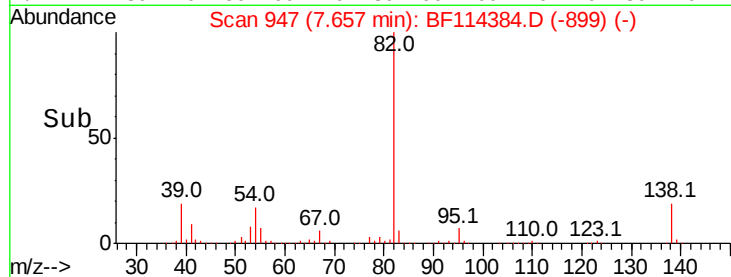
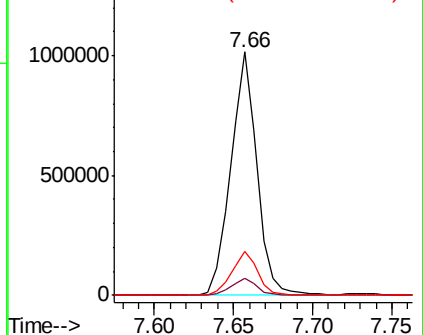
138 18.3 14.8 22.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 38.279 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.02 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

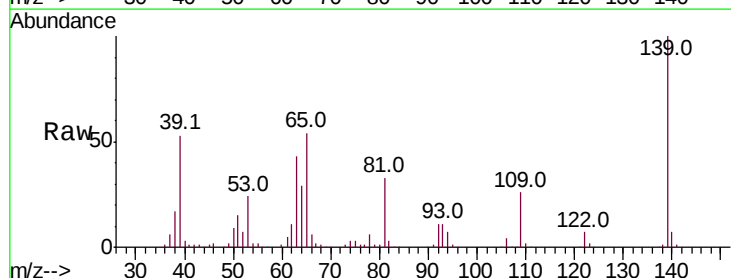
Tgt Ion: 139 Resp: 333003

Ion Ratio Lower Upper

139 100

109 26.0 20.7 31.1

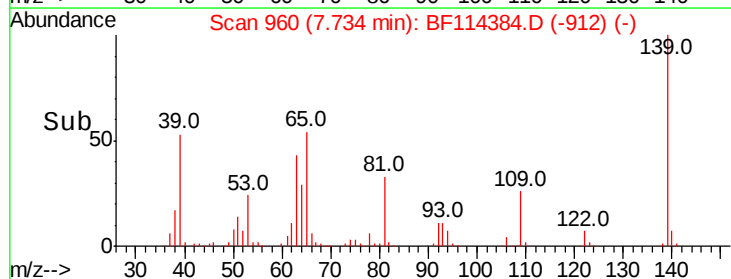
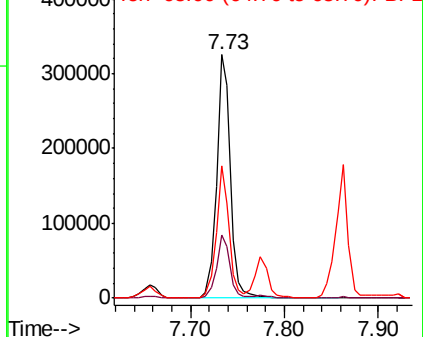
65 54.4 40.2 60.2

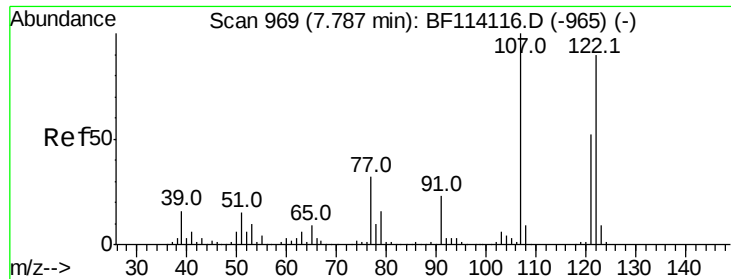


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

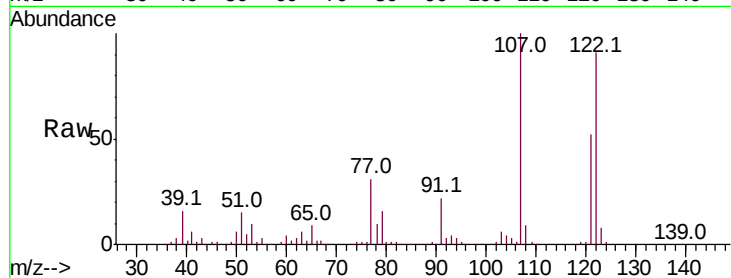




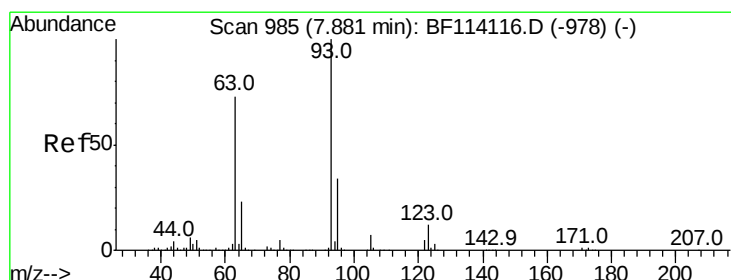
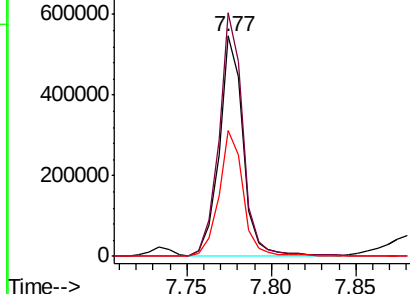
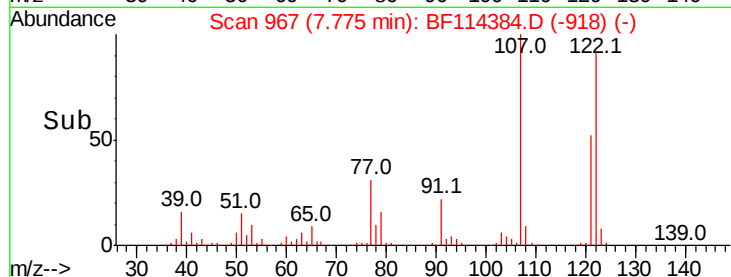
#27
2,4-Dimethylphenol
Concen: 39.375 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF114384.D
Acq: 18 May 2019 12:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 537988
Ion Ratio Lower Upper
122 100
107 110.5 88.4 132.6
121 56.9 45.9 68.9

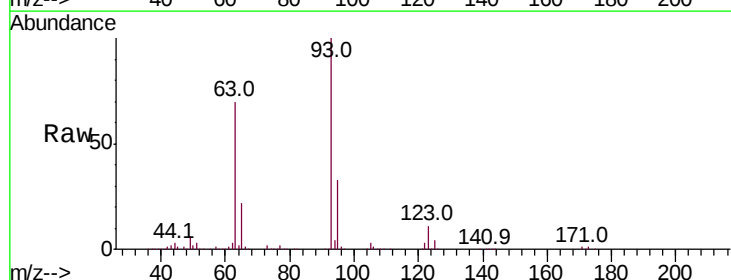


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

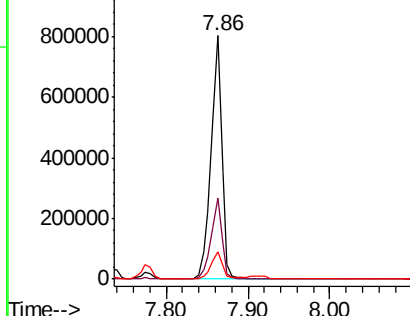
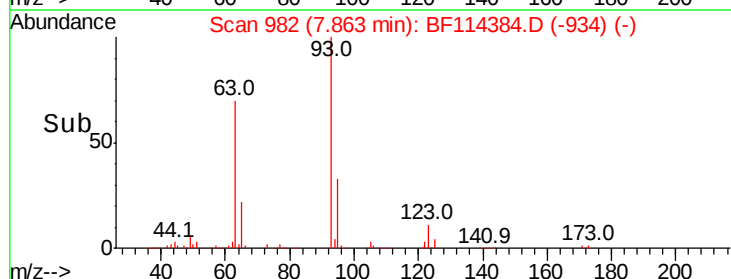


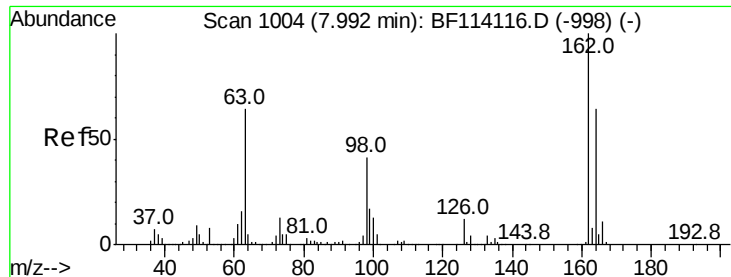
#28
bis(2-Chloroethoxy)methane
Concen: 34.885 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.02 min
Lab File: BF114384.D
Acq: 18 May 2019 12:11

Tgt Ion: 93 Resp: 739025
Ion Ratio Lower Upper
93 100
95 33.5 26.8 40.2
123 11.4 9.5 14.3



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

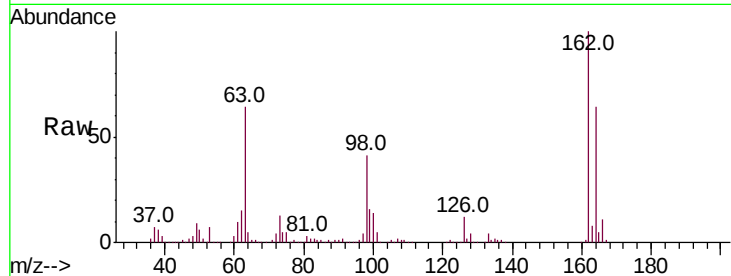




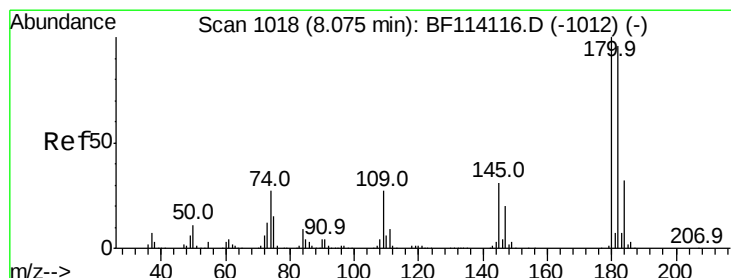
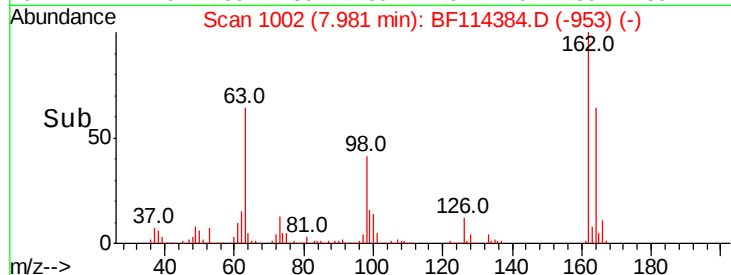
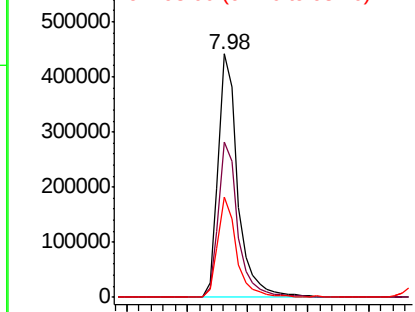
#29
2,4-Dichlorophenol
Concen: 36.404 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF114384.D
Acq: 18 May 2019 12:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	43.6	83.6
98	41.0	20.6	60.6

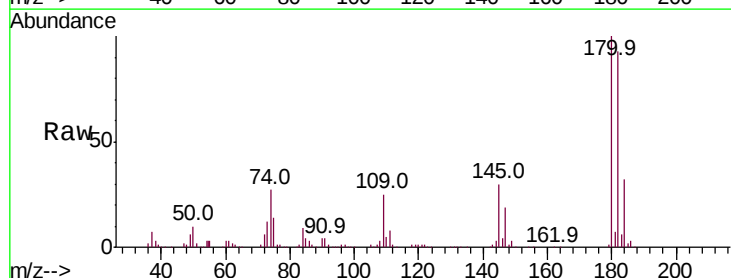


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

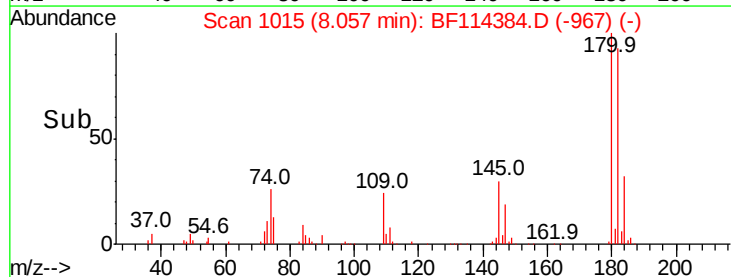
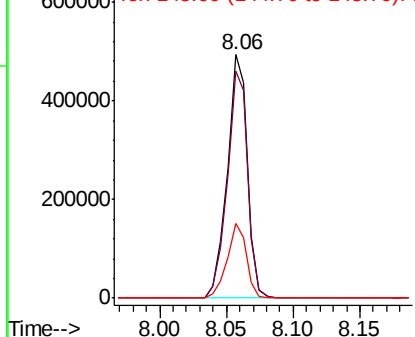


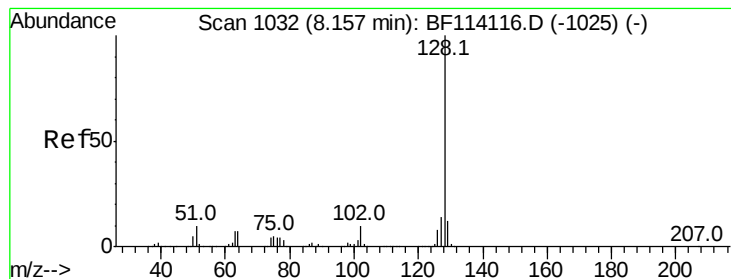
#30
1,2,4-Trichlorobenzene
Concen: 34.026 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.02 min
Lab File: BF114384.D
Acq: 18 May 2019 12:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	76.6	114.8
145	30.4	25.1	37.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 36.641 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.02 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

Instrument :

BNA_F

ClientSampleId :

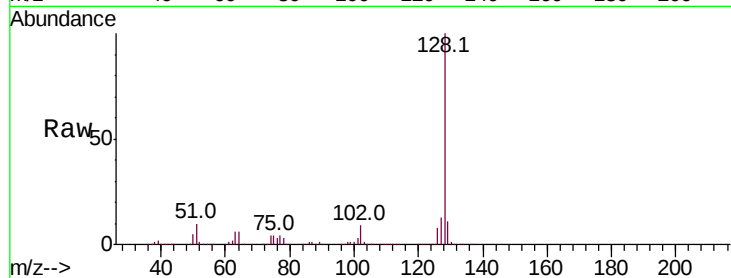
Tot Ion:128 Resp: 1691031

Ion Ratio Lower Upper

128 100

129 11.4 9.6 14.4

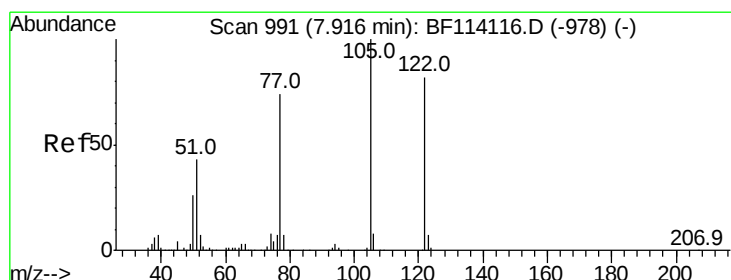
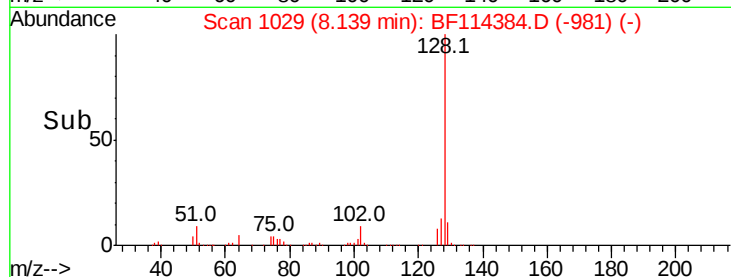
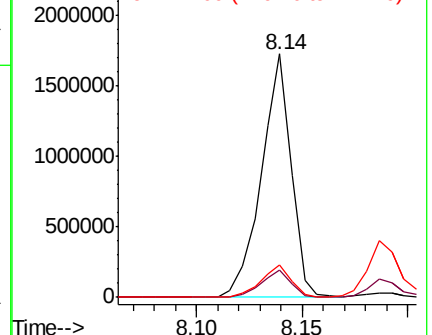
127 13.4 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 35.334 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.01 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

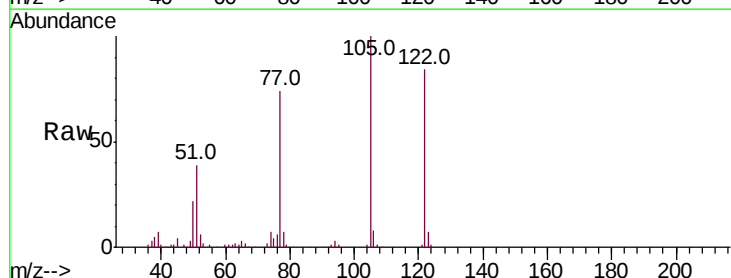
Tgt Ion:122 Resp: 323090

Ion Ratio Lower Upper

122 100

105 119.4 99.9 139.9

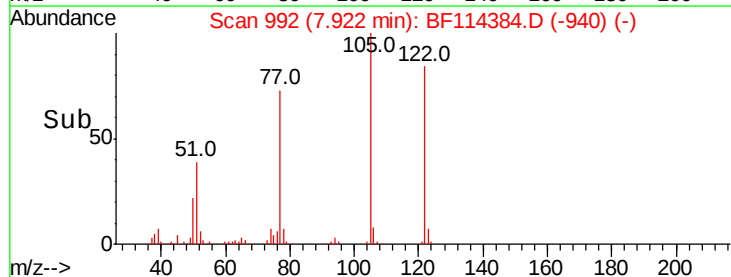
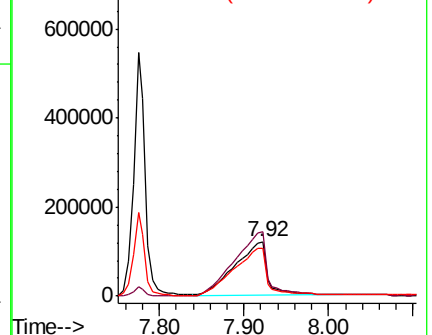
77 88.4 69.4 109.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

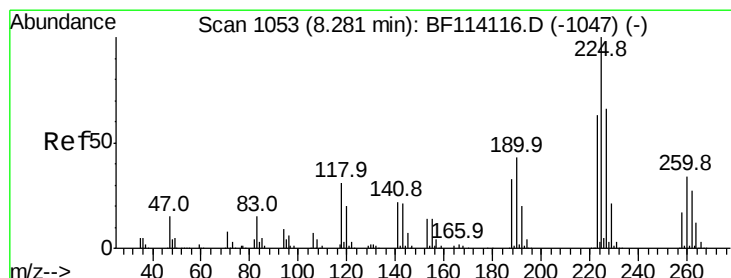
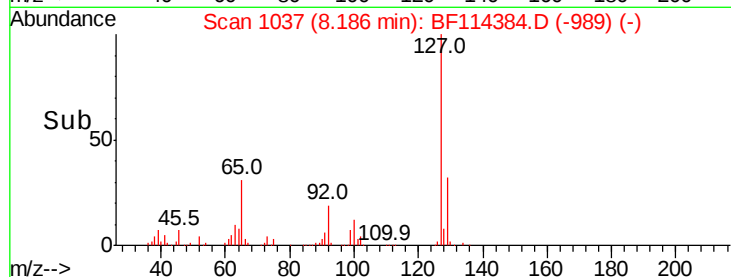
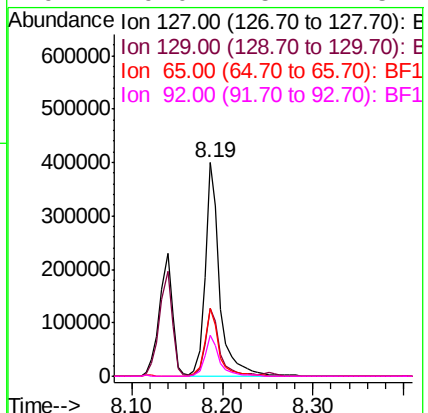
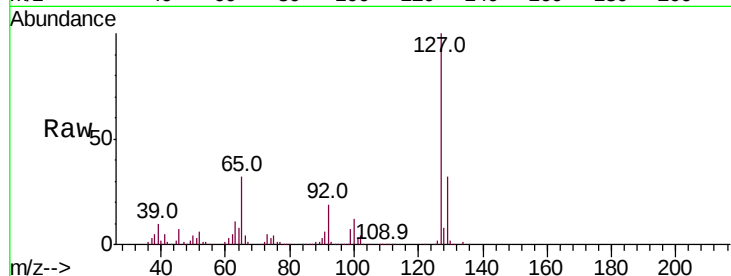




#33
4-Chloroaniline
Concen: 21.291 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.02 min
Lab File: BF114384.D
Acq: 18 May 2019 12:11

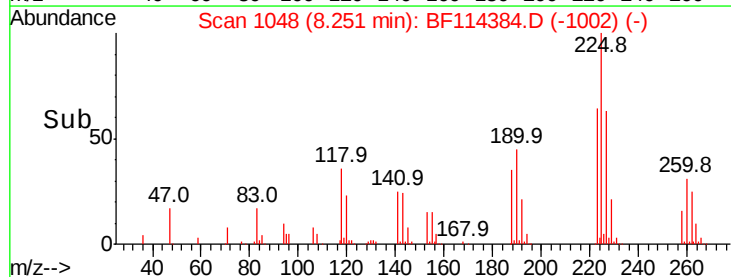
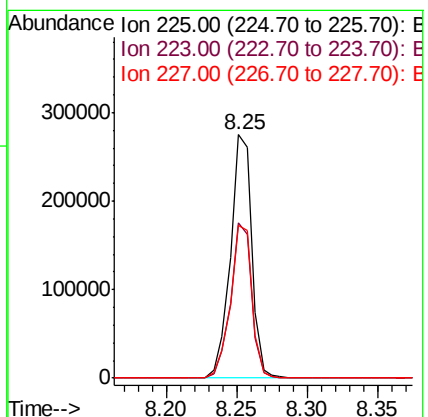
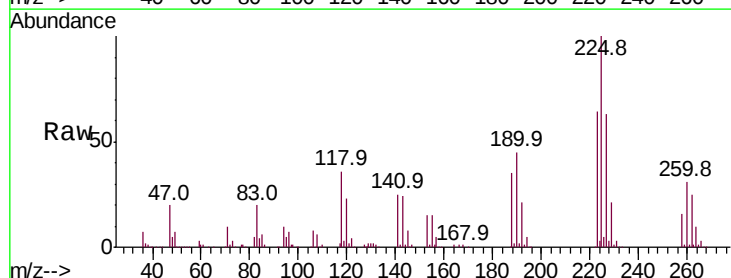
Instrument :
BNA_F
ClientSampleId :

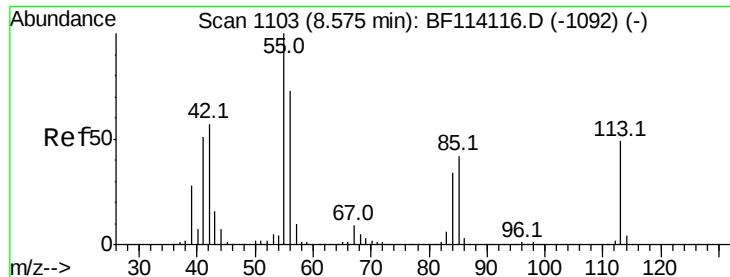
Tot Ion:	127	Resp:	447769
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.7	40.1
65	32.1	25.4	38.0
92	19.0	15.4	23.2



#34
Hexachlorobutadiene
Concen: 32.790 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.03 min
Lab File: BF114384.D
Acq: 18 May 2019 12:11

Tgt Ion:	225	Resp:	288643
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.2	75.2
227	62.9	52.6	79.0

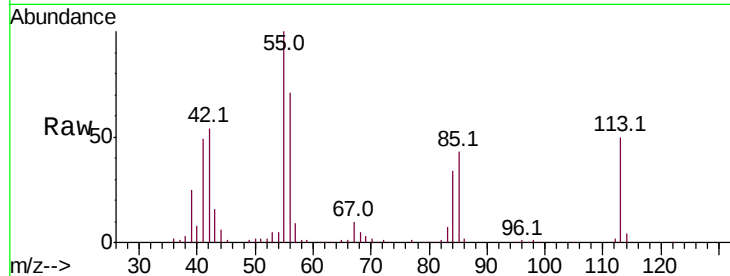




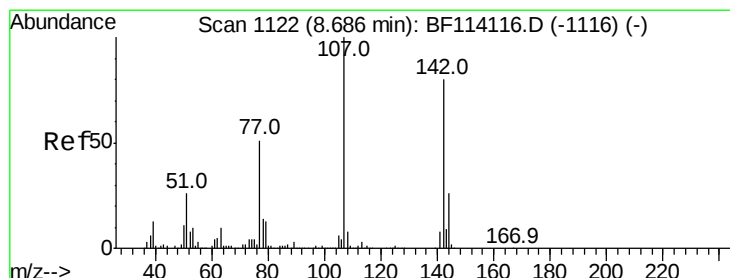
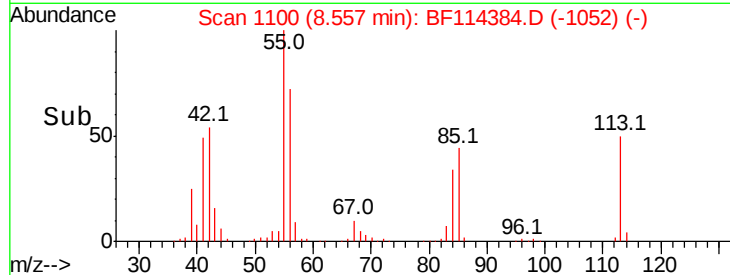
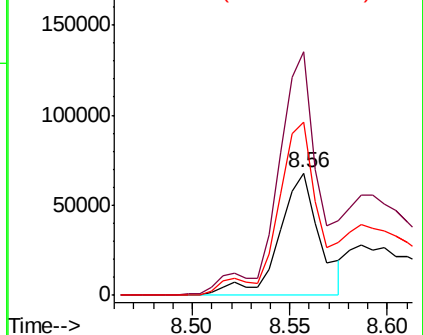
#35
 Caprolactam
 Concen: 21.962 ng
 RT: 8.56 min Scan# 1100
 Delta R.T. -0.02 min
 Lab File: BF114384.D
 Acq: 18 May 2019 12:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 97428
 Ion Ratio Lower Upper
 113 100
 55 198.8 183.5 223.5
 56 141.7 128.8 168.8

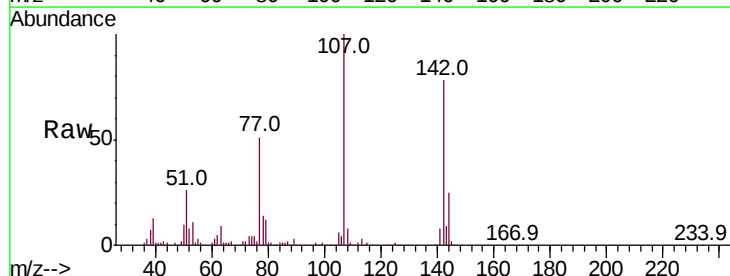


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

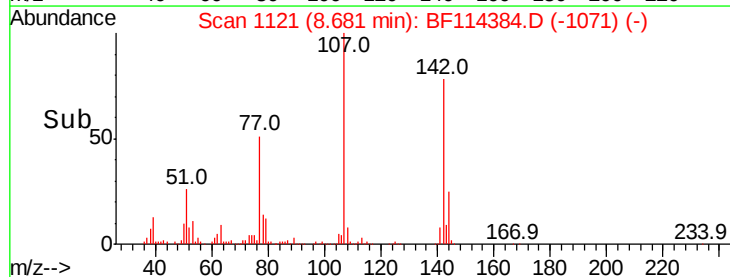
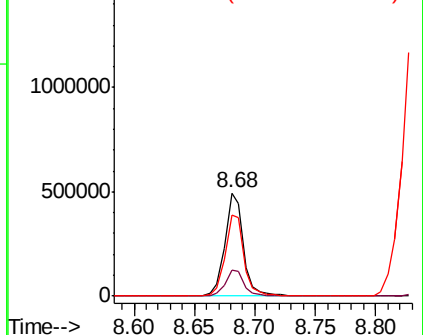


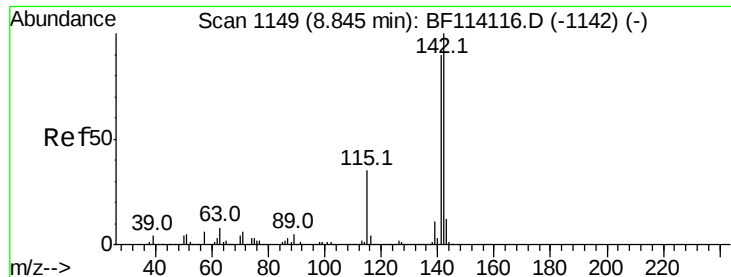
#36
 4-Chloro-3-methylphenol
 Concen: 38.286 ng
 RT: 8.68 min Scan# 1121
 Delta R.T. -0.01 min
 Lab File: BF114384.D
 Acq: 18 May 2019 12:11

Tgt Ion:107 Resp: 524325
 Ion Ratio Lower Upper
 107 100
 144 24.8 20.4 30.6
 142 78.4 64.2 96.4



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: 38.111 ng

RT: 8.83 min Scan# 1146

Delta R.T. -0.02 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

Instrument :

BNA_F

ClientSampleId :

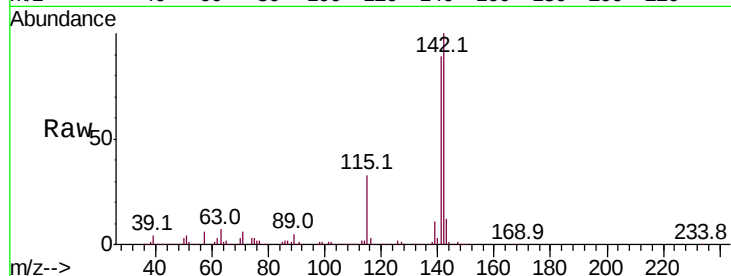
Tot Ion:142 Resp: 1134786

Ion Ratio Lower Upper

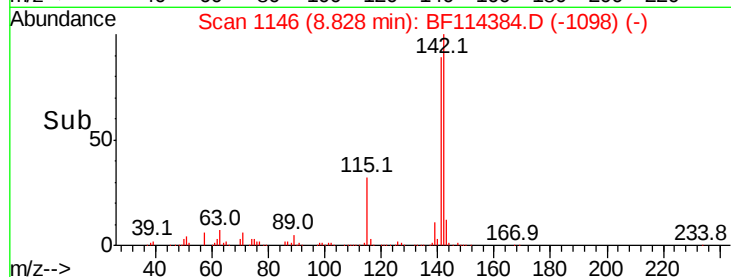
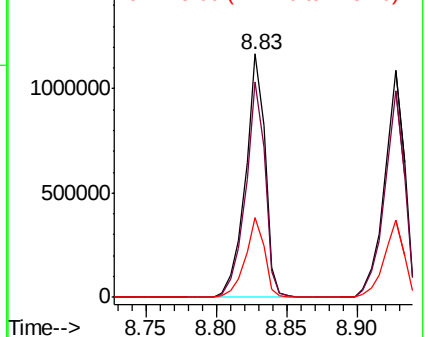
142 100

141 88.6 72.1 108.1

115 32.5 28.0 42.0



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: 38.405 ng

RT: 8.93 min Scan# 1163

Delta R.T. -0.02 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

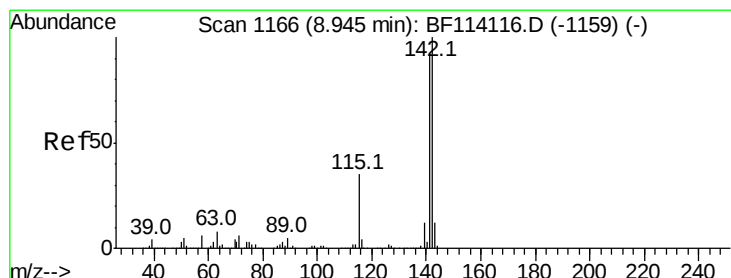
Tgt Ion:142 Resp: 1076918

Ion Ratio Lower Upper

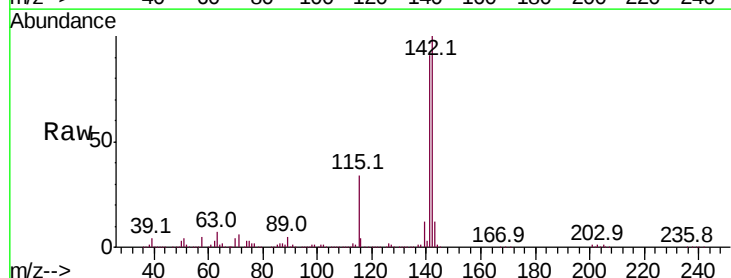
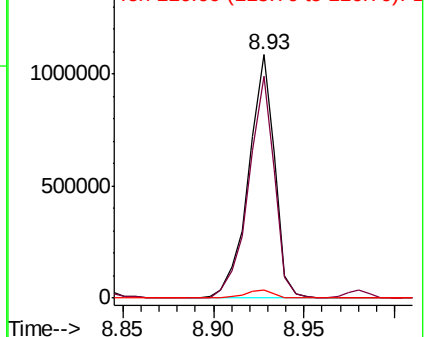
142 100

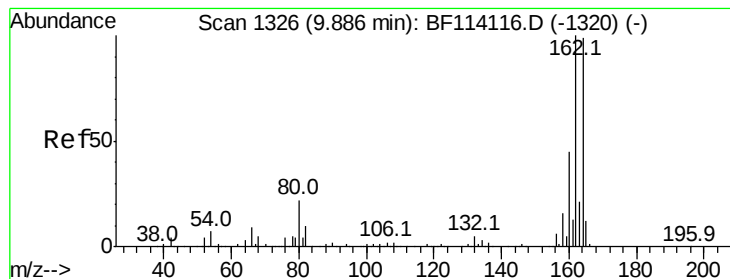
141 91.2 73.4 110.0

116 3.5 3.1 4.7



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

Instrument :

BNA_F

ClientSampleId :

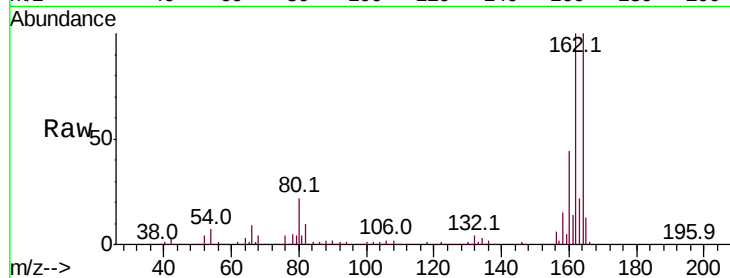
Tot Ion:164 Resp: 478721

Ion Ratio Lower Upper

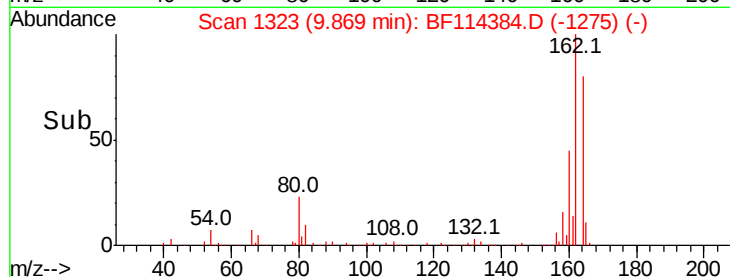
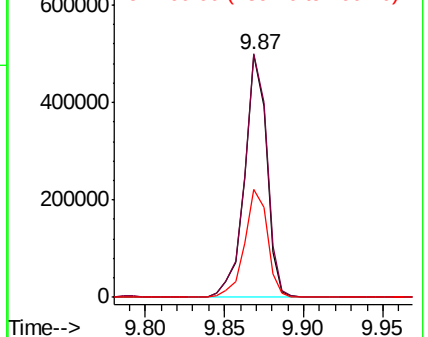
164 100

162 100.3 80.6 120.8

160 44.6 36.5 54.7



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.078 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.02 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

Tgt Ion:216 Resp: 508680

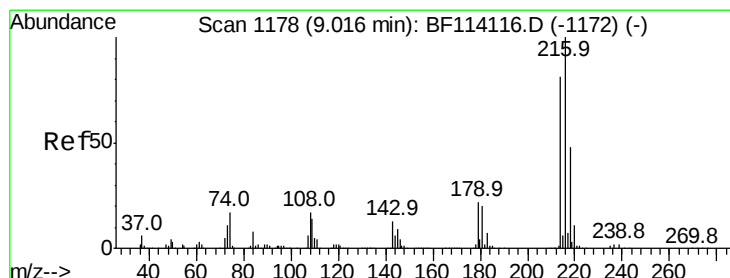
Ion Ratio Lower Upper

216 100

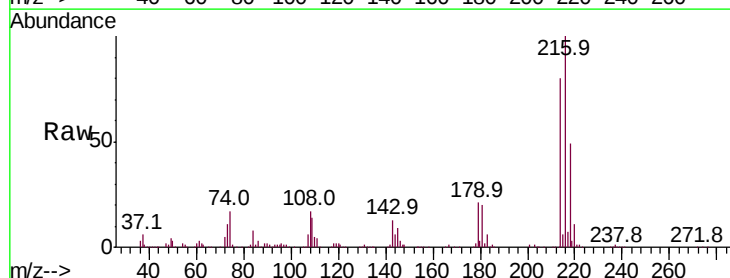
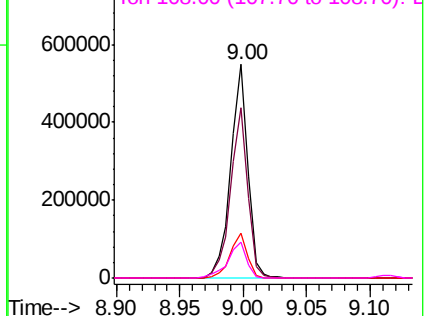
214 79.8 63.9 95.9

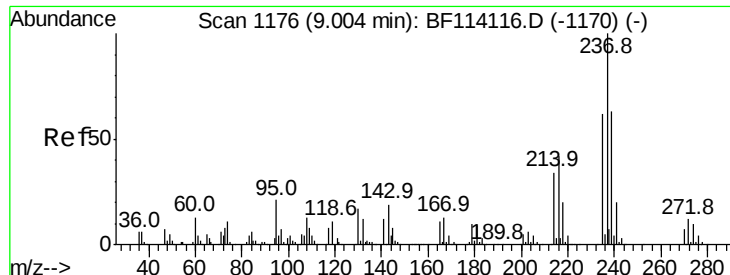
179 21.3 17.0 25.6

108 18.8 14.8 22.2



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: 36.817 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

Instrument :

BNA_F

ClientSampleId :

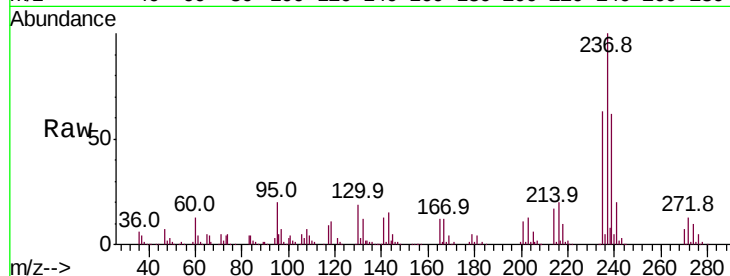
Tot Ion:237 Resp: 232066

Ion Ratio Lower Upper

237 100

235 62.6 42.0 82.0

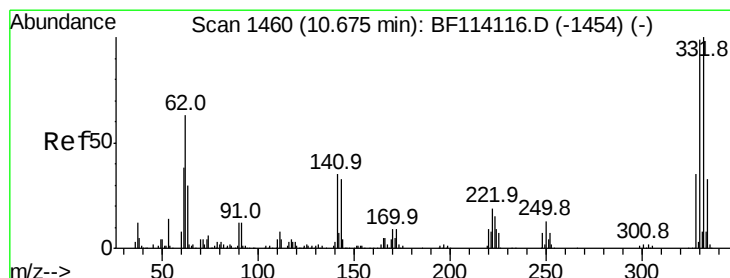
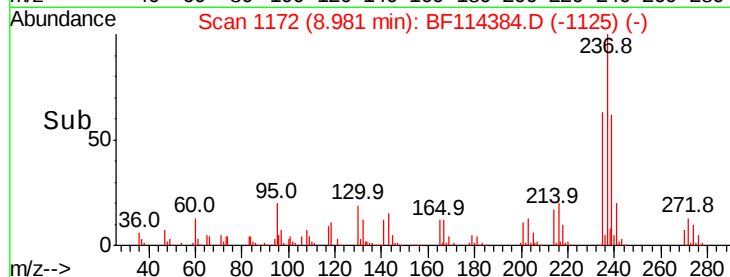
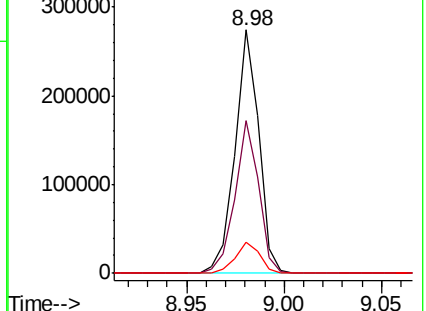
272 12.5 0.0 32.4



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: 100.905 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

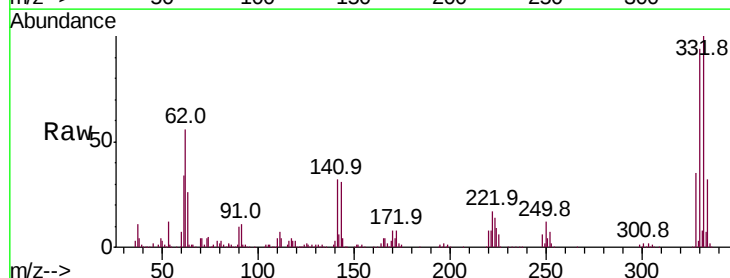
Tgt Ion:330 Resp: 499394

Ion Ratio Lower Upper

330 100

332 103.8 81.4 122.2

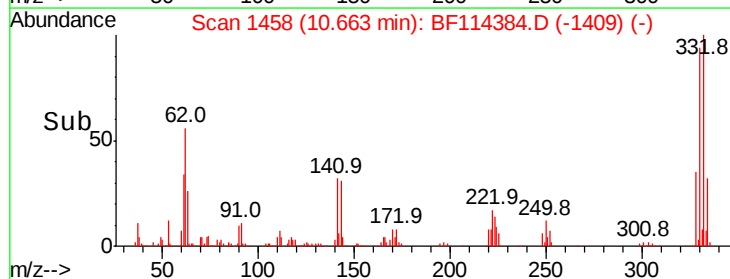
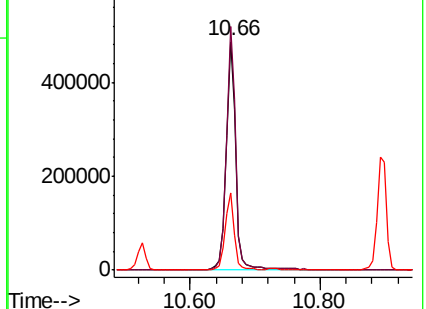
141 32.4 26.6 40.0

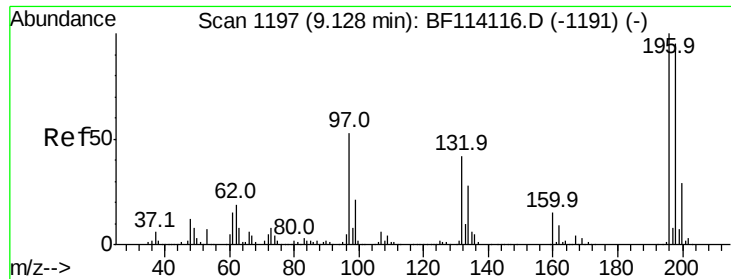


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

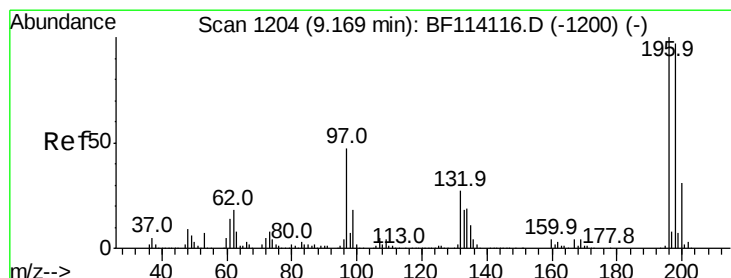
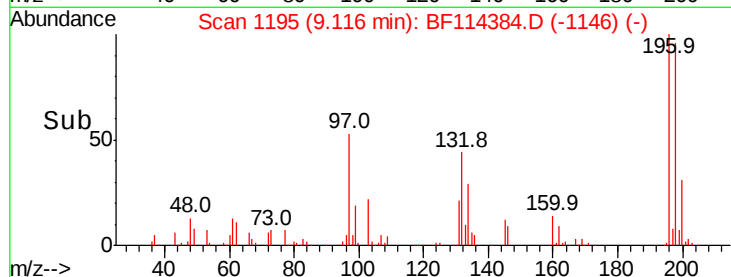
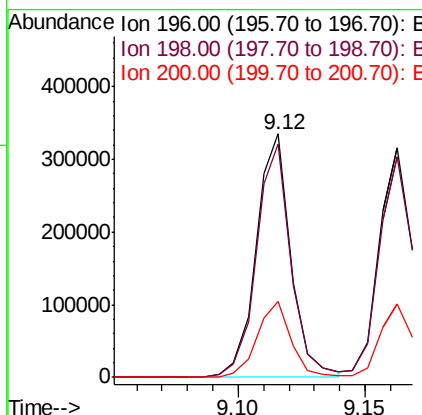
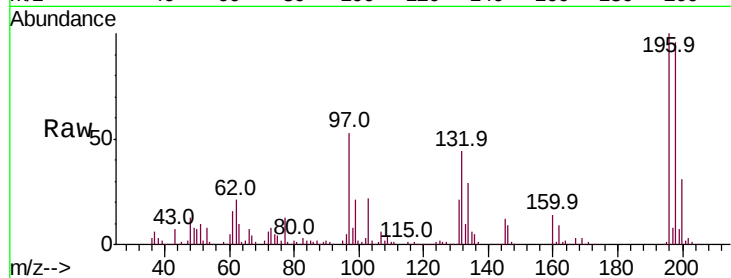




#43
 2,4,6-Trichlorophenol
 Concen: 32.061 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF114384.D
 Acq: 18 May 2019 12:11

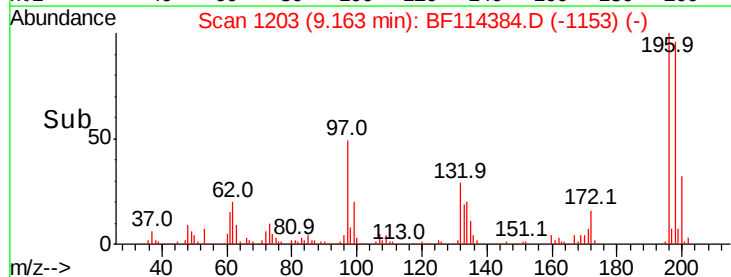
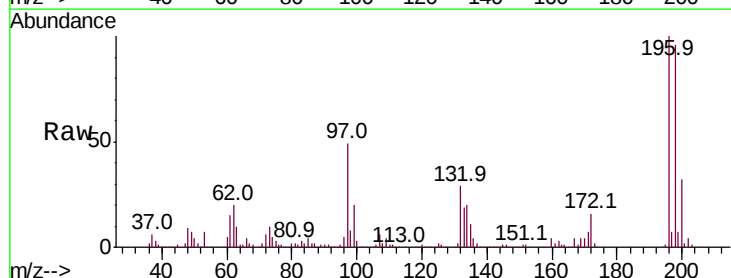
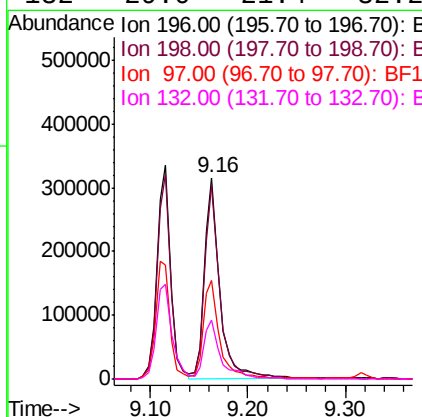
Instrument :
 BNA_F
 ClientSampleId :

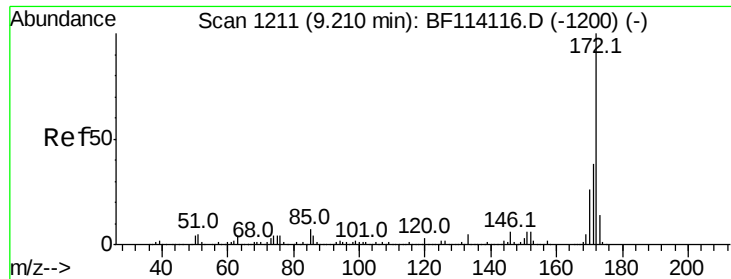
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.0	75.9	113.9
200	31.0	23.5	35.3



#44
 2,4,5-Trichlorophenol
 Concen: 33.806 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF114384.D
 Acq: 18 May 2019 12:11

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.4	77.7	116.5
97	48.8	38.2	57.2
132	29.0	21.4	32.2

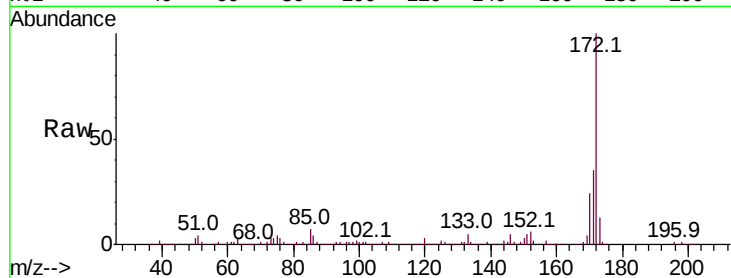




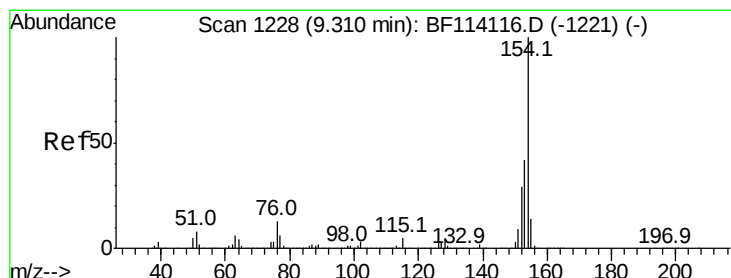
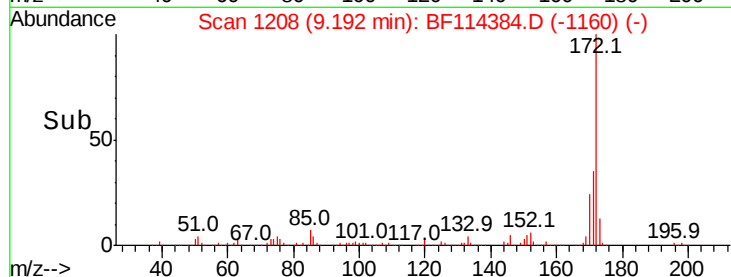
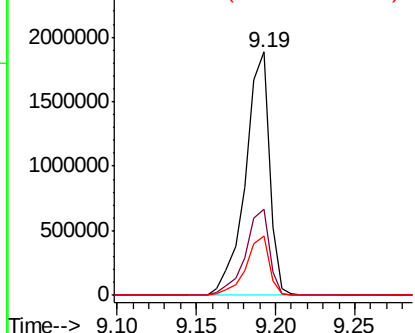
#45
2-Fluorobiphenyl
Concen: 62.544 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.02 min
Lab File: BF114384.D
Acq: 18 May 2019 12:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1979351
Ion Ratio Lower Upper
172 100
171 35.5 30.7 46.1
170 24.1 20.5 30.7

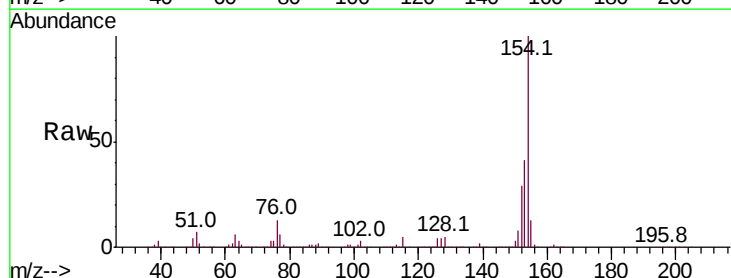


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

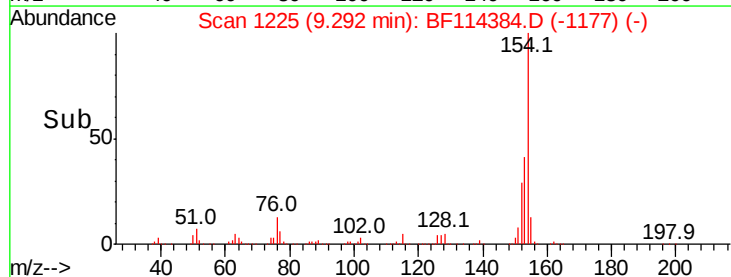
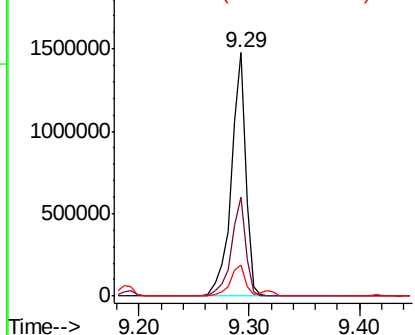


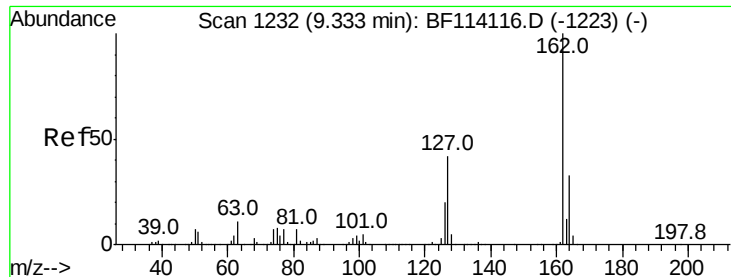
#46
1,1'-Biphenyl
Concen: 35.182 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.02 min
Lab File: BF114384.D
Acq: 18 May 2019 12:11

Tgt Ion:154 Resp: 1360620
Ion Ratio Lower Upper
154 100
153 40.7 21.9 61.9
76 12.6 0.0 32.8



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

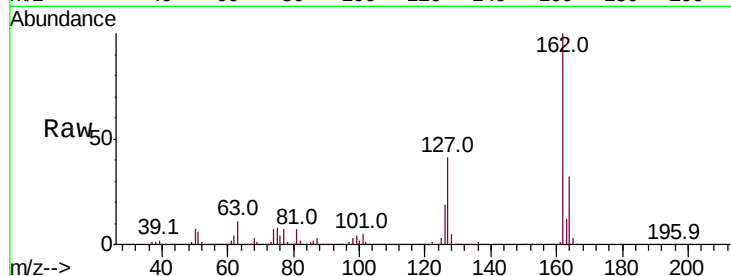




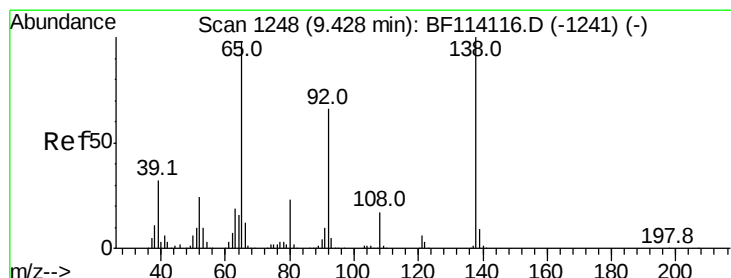
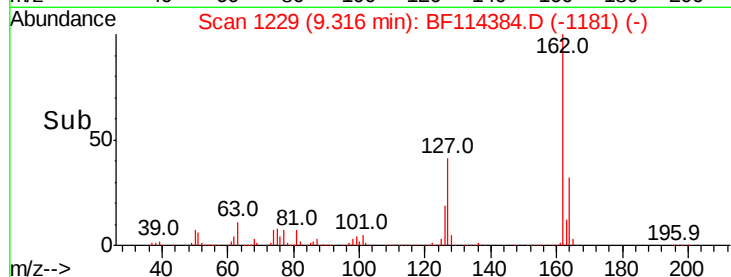
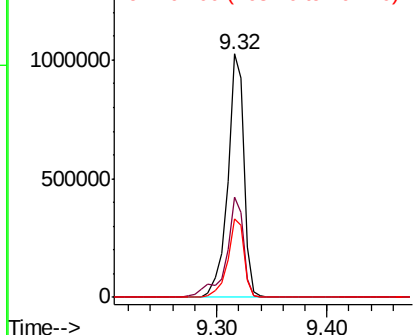
#47
 2-Chloronaphthalene
 Concen: 33.753 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.02 min
 Lab File: BF114384.D
 Acq: 18 May 2019 12:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1050563
 Ion Ratio Lower Upper
 162 100
 127 41.1 34.0 51.0
 164 32.4 26.7 40.1

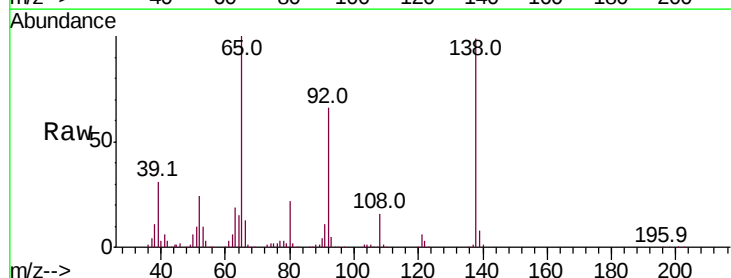


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

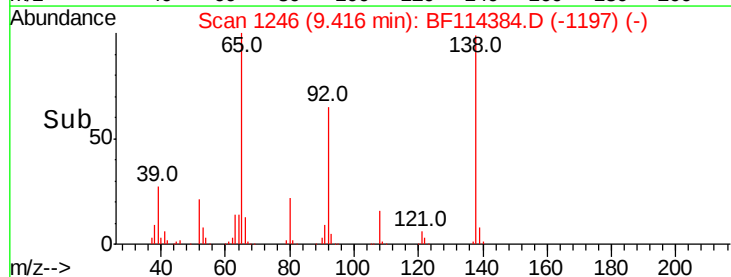
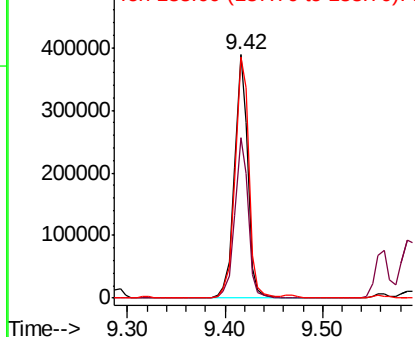


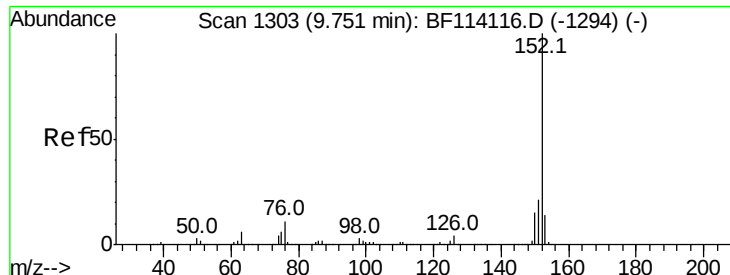
#48
 2-Nitroaniline
 Concen: 33.217 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.01 min
 Lab File: BF114384.D
 Acq: 18 May 2019 12:11

Tgt Ion: 65 Resp: 366663
 Ion Ratio Lower Upper
 65 100
 92 65.7 53.9 80.9
 138 98.9 81.4 122.0



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





#49

Acenaphthylene

Concen: 35.196 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.02 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

Instrument :

BNA_F

ClientSampleId :

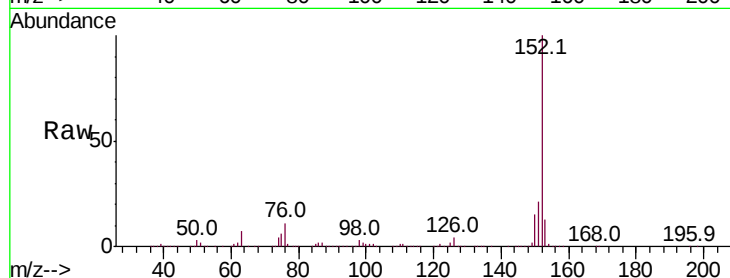
Tot Ion:152 Resp: 1666143

Ion Ratio Lower Upper

152 100

151 20.7 16.8 25.2

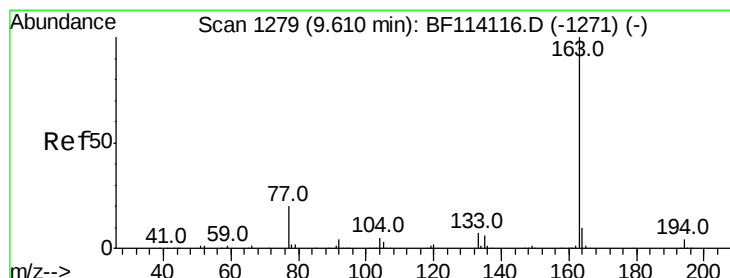
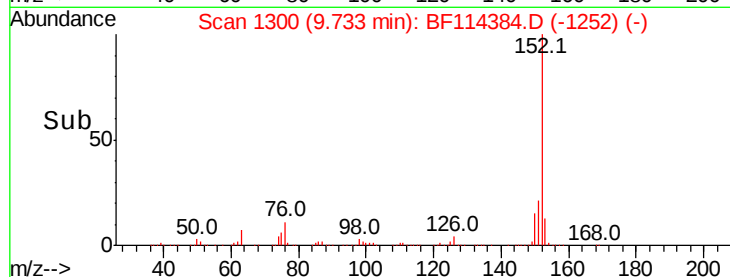
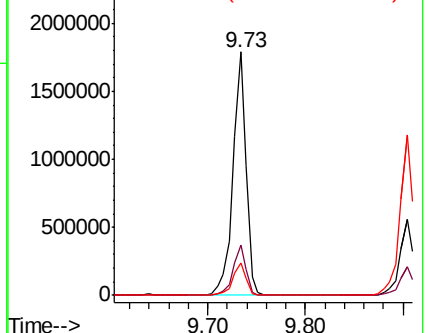
153 13.5 11.4 17.2



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: 34.191 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.02 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

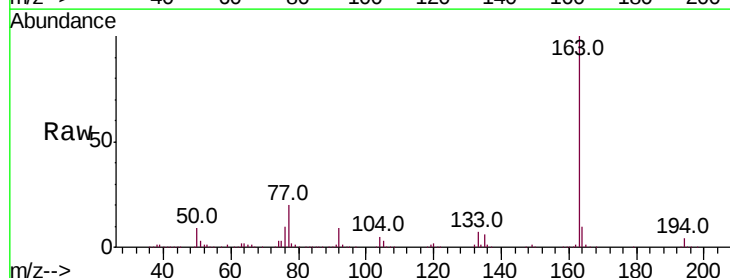
Tgt Ion:163 Resp: 1201566

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

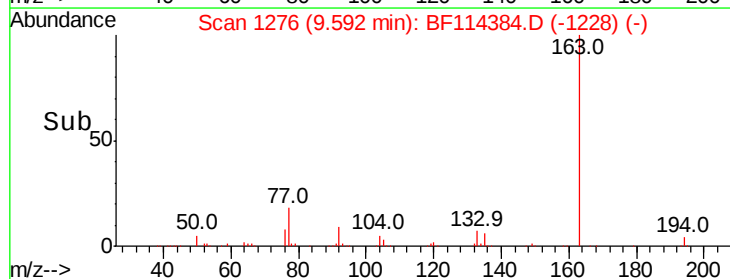
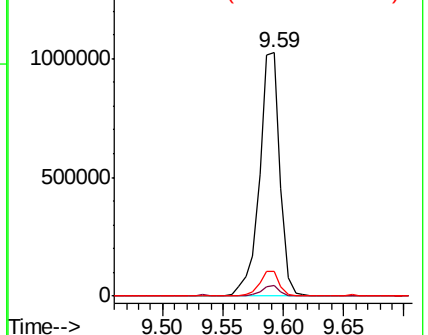
164 10.2 8.2 12.2

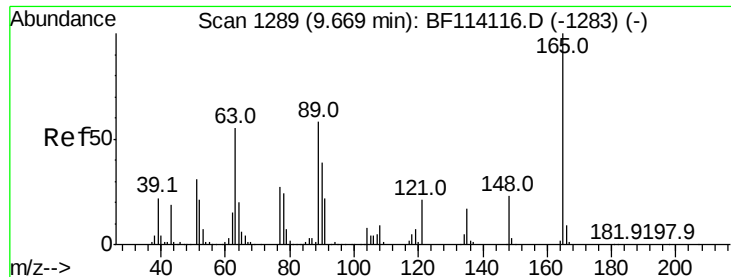


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 35.307 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

Instrument :

BNA_F

ClientSampled :

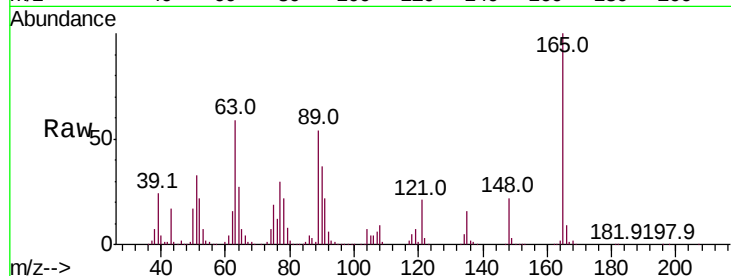
Tot Ion:165 Resp: 275206

Ion Ratio Lower Upper

165 100

63 59.4 50.2 75.4

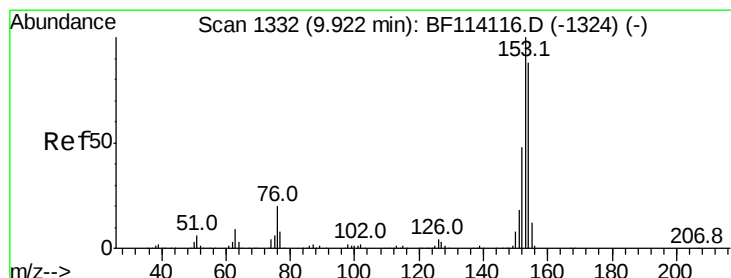
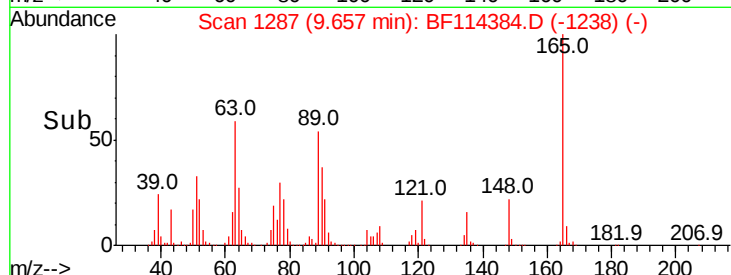
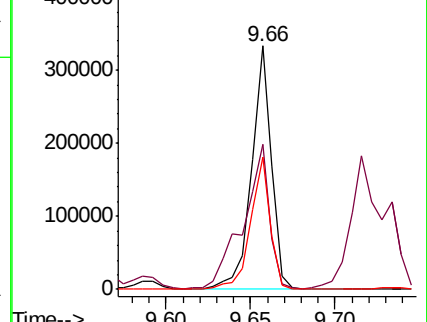
89 54.2 46.6 69.8



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: 33.481 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.02 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

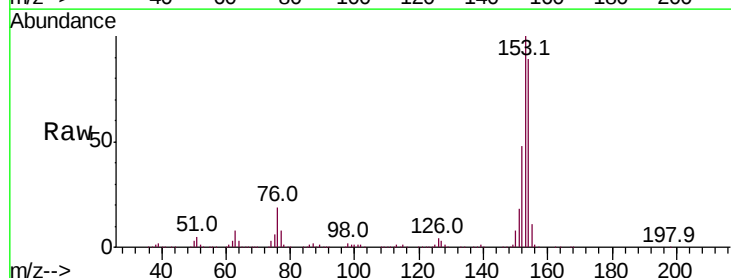
Tgt Ion:154 Resp: 972594

Ion Ratio Lower Upper

154 100

153 112.1 90.5 135.7

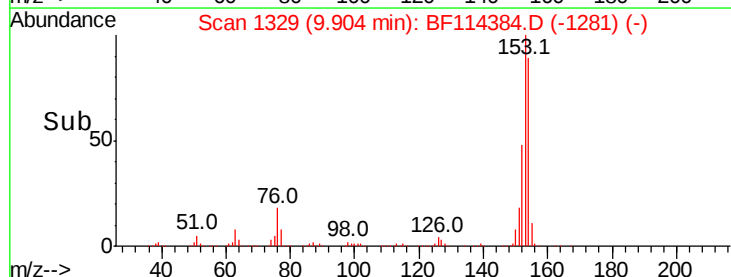
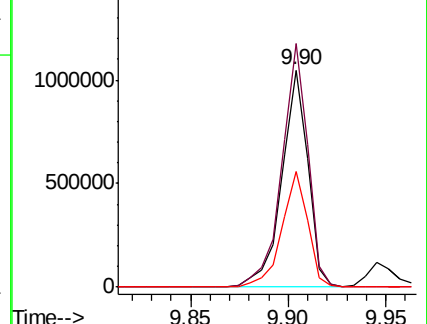
152 53.5 43.4 65.2



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

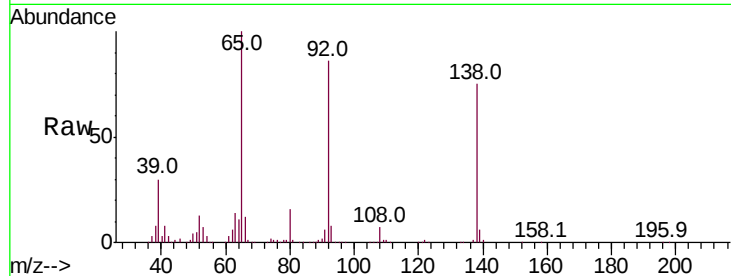




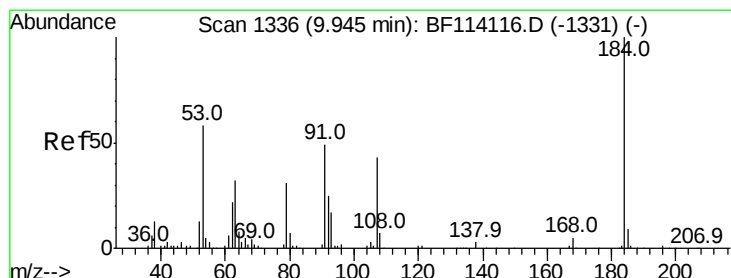
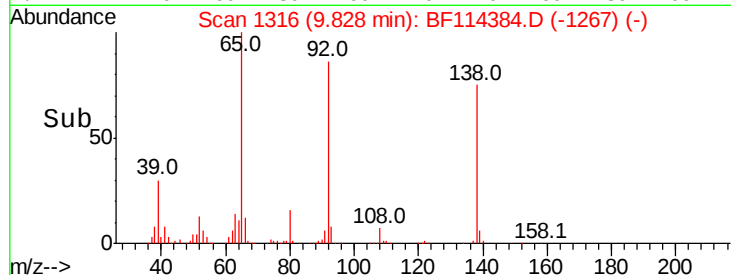
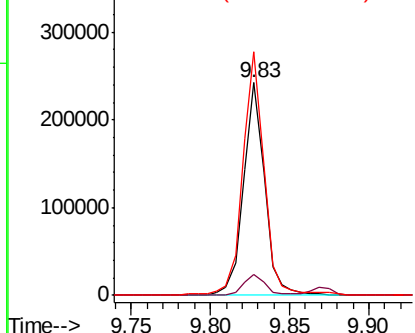
#53
3-Nitroaniline
Concen: 23.147 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF114384.D
Acq: 18 May 2019 12:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 223970
Ion Ratio Lower Upper
138 100
108 9.9 7.8 11.6
92 114.5 91.2 136.8

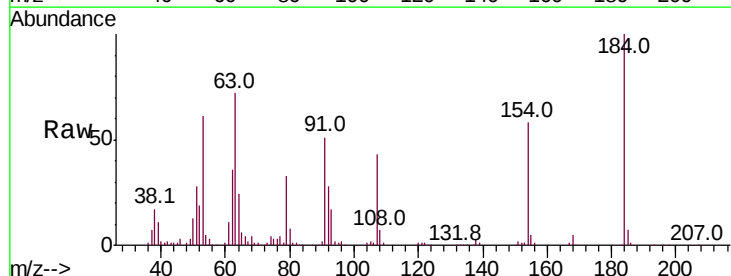


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

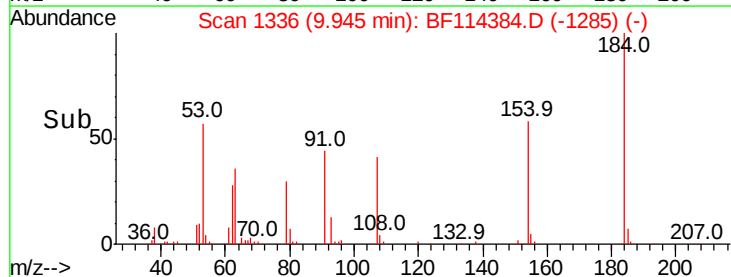
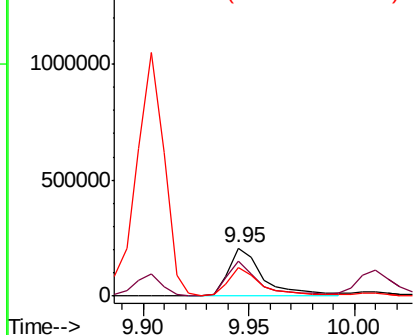


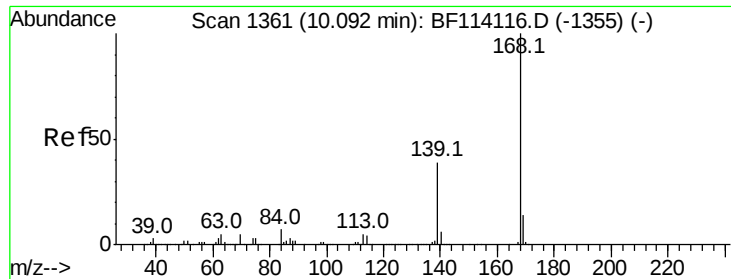
#54
2,4-Dinitrophenol
Concen: 61.748 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF114384.D
Acq: 18 May 2019 12:11

Tgt Ion:184 Resp: 235429
Ion Ratio Lower Upper
184 100
63 72.0 55.6 83.4
154 58.4 46.0 69.0



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





#55

Dibenzofuran

Concen: 33.615 ng

RT: 10.07 min Scan# 1358

Delta R.T. -0.02 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

Instrument :

BNA_F

ClientSampleId :

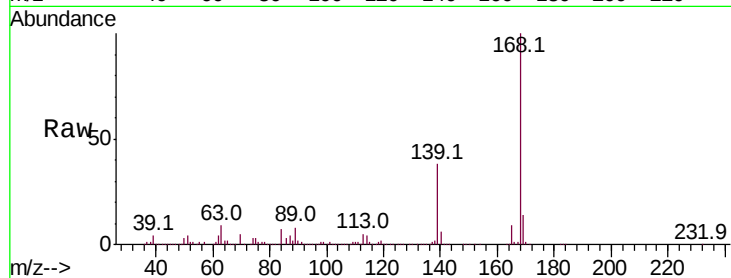
Tot Ion:168 Resp: 1431846

Ion Ratio Lower Upper

168 100

139 38.0 31.1 46.7

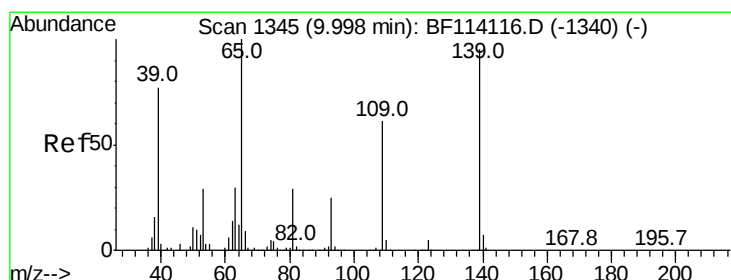
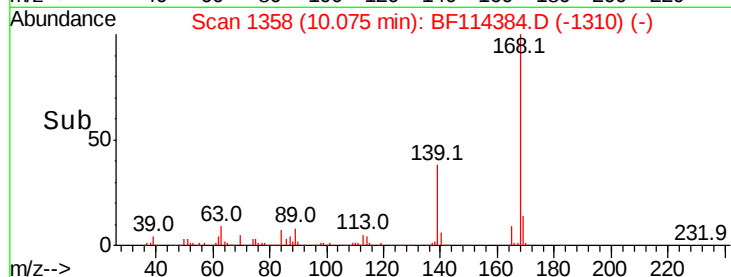
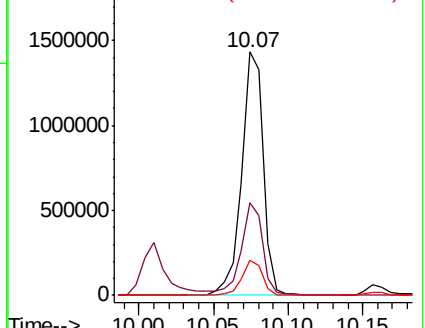
169 14.1 11.4 17.0



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: 49.270 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.01 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

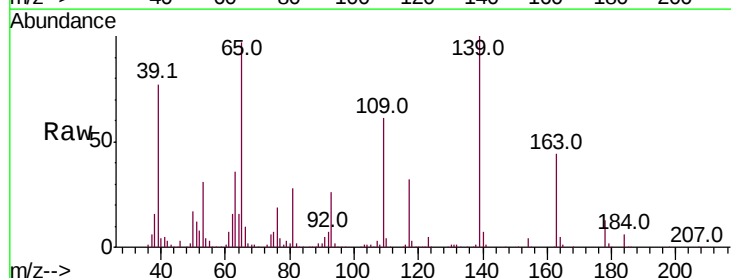
Tgt Ion:139 Resp: 337138

Ion Ratio Lower Upper

139 100

109 61.0 43.9 83.9

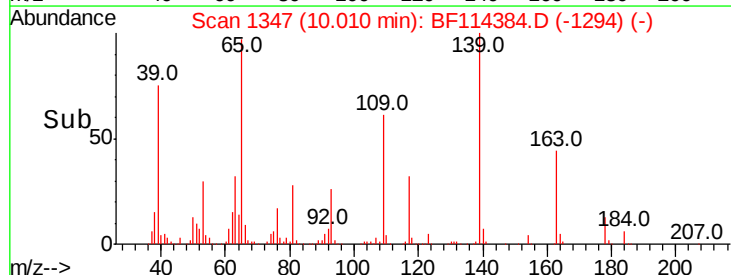
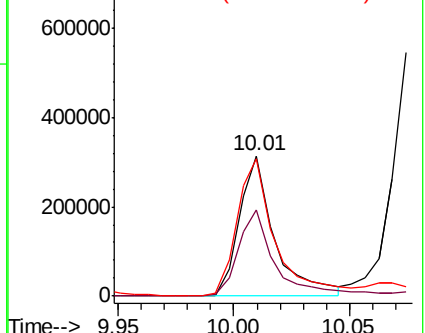
65 97.5 85.7 125.7

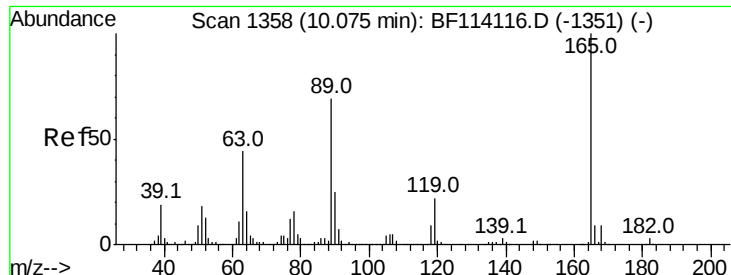


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

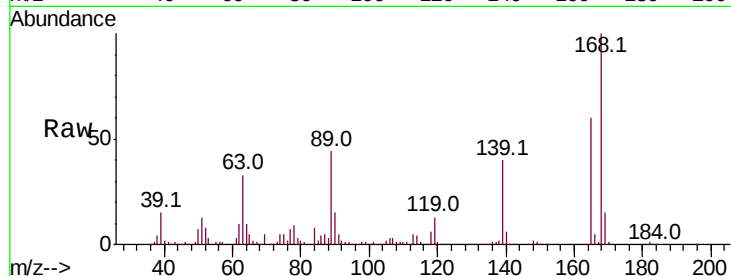




#57
2,4-Dinitrotoluene
Concen: 33.081 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF114384.D
Acq: 18 May 2019 12:11

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	54.6	35.5	53.3#
89	73.2	55.2	82.8
182	2.5	2.2	3.2



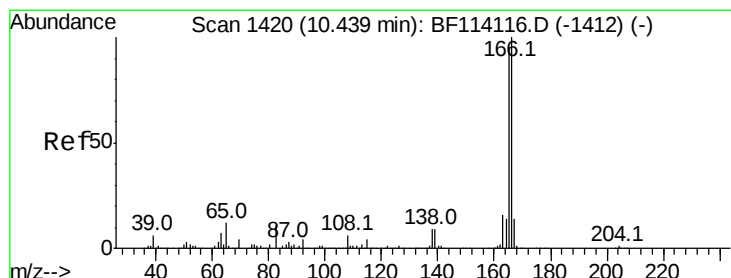
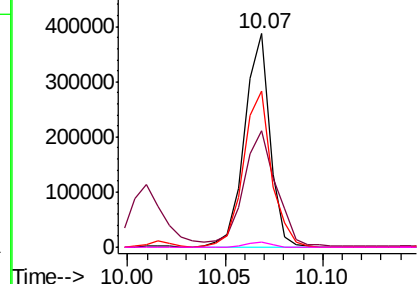
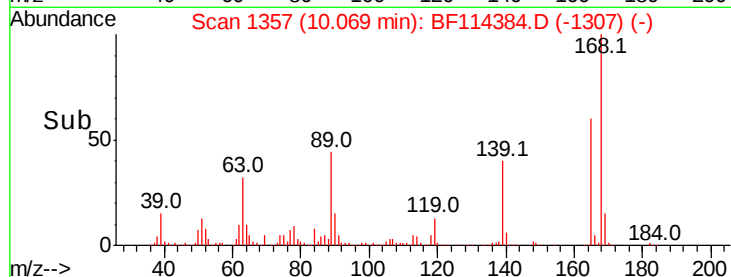
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

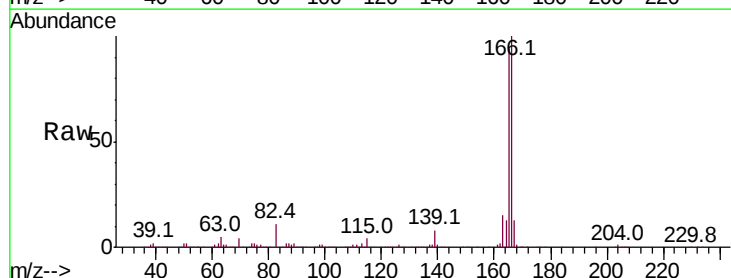
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 34.949 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.02 min
Lab File: BF114384.D
Acq: 18 May 2019 12:11

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.5	76.1	114.1
167	13.5	11.1	16.7

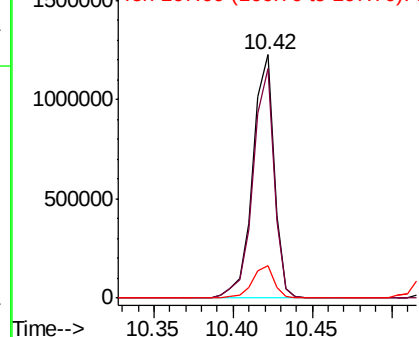
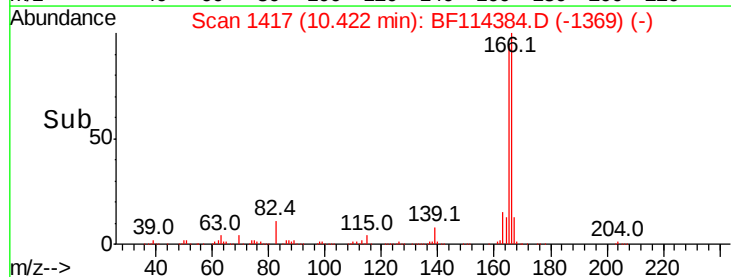


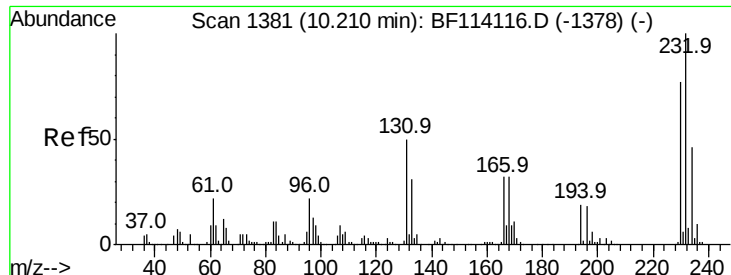
Abundance

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

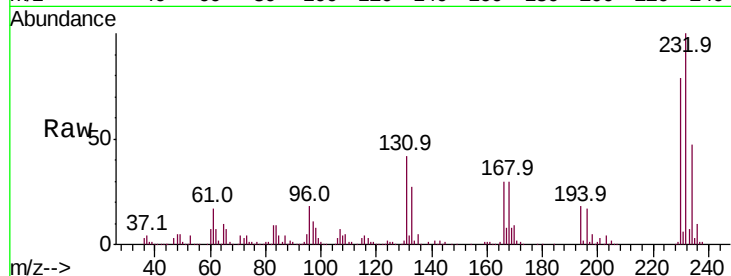




#59
2,3,4,6-Tetrachlorophenol
Concen: 31.879 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF114384.D
Acq: 18 May 2019 12:11

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.1	35.6	53.4
130	2.4	1.6	2.4
166	30.8	24.1	36.1



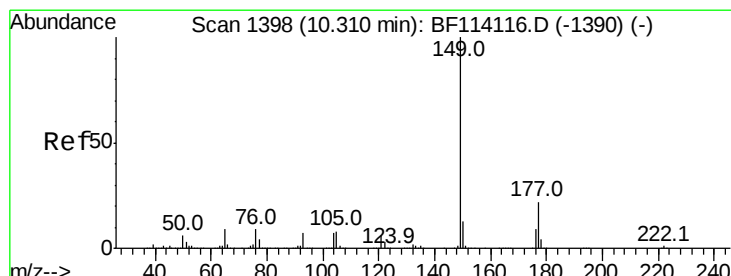
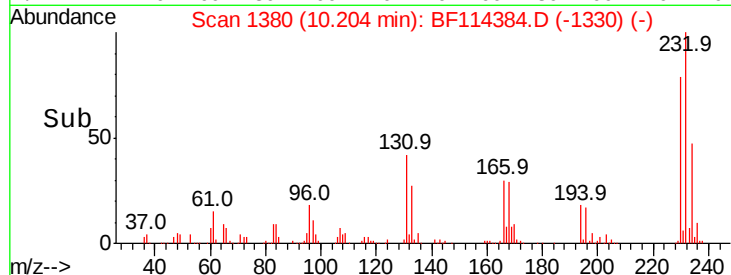
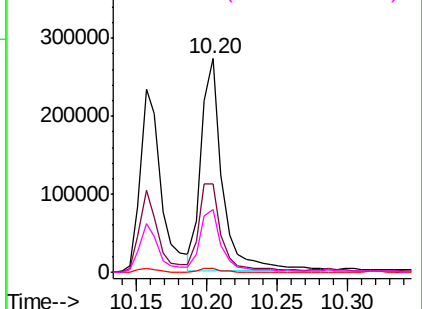
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

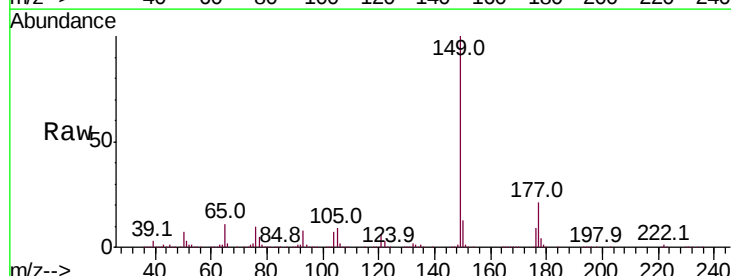
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 33.098 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.02 min
Lab File: BF114384.D
Acq: 18 May 2019 12:11

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.3	17.8	26.6
150	12.8	10.2	15.2

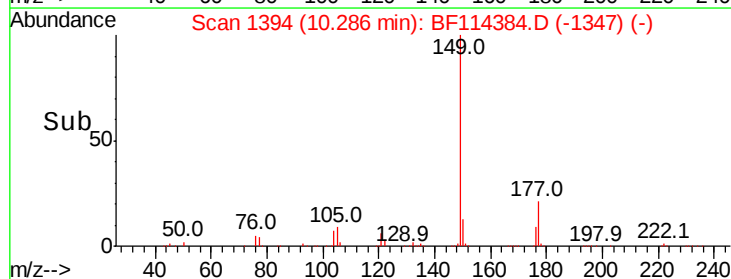
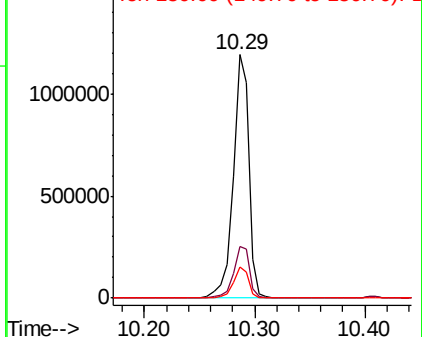


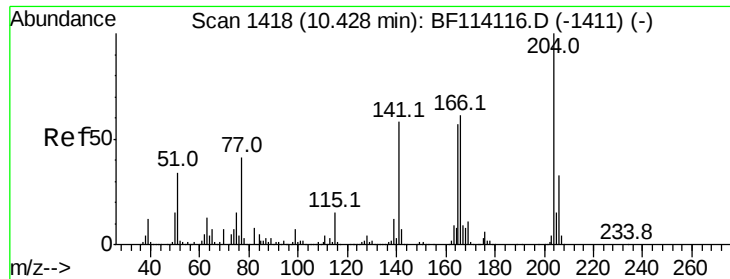
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

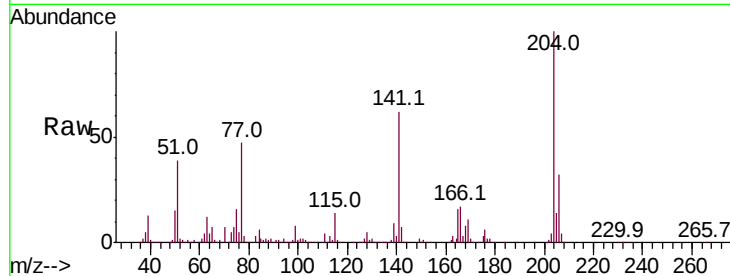




#61
4-Chlorophenyl-phenylether
Concen: 33.991 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.02 min
Lab File: BF114384.D
Acq: 18 May 2019 12:11

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.6	39.8
141	62.2	46.4	69.6

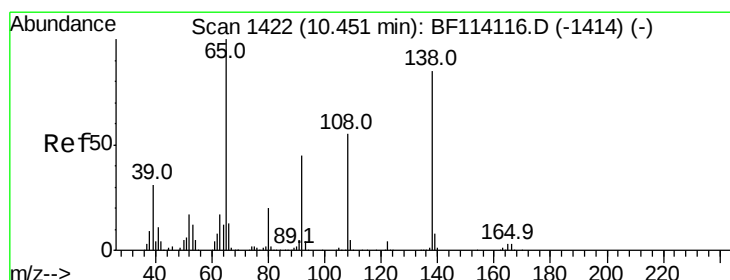
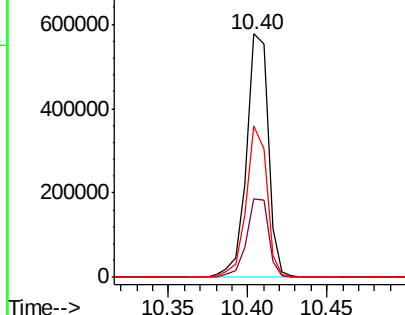
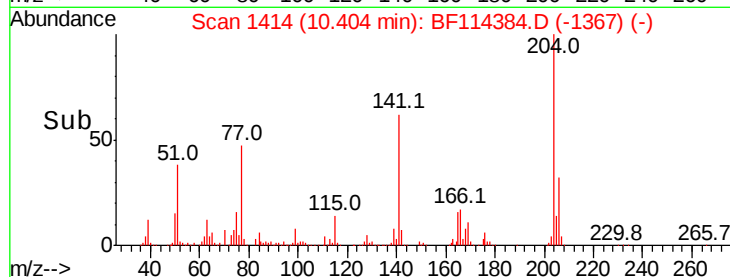


Abundance

Ion 204.00 (203.70 to 204.70): E

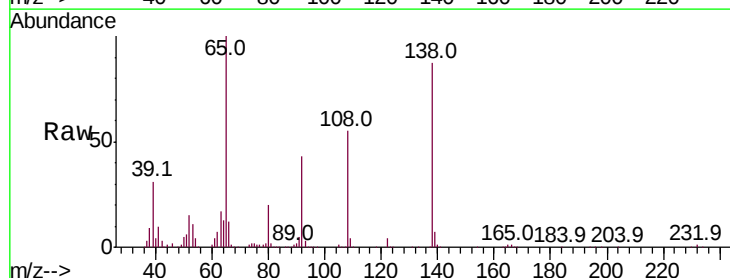
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 30.734 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF114384.D
Acq: 18 May 2019 12:11

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.3	33.0	73.0
108	63.2	44.9	84.9

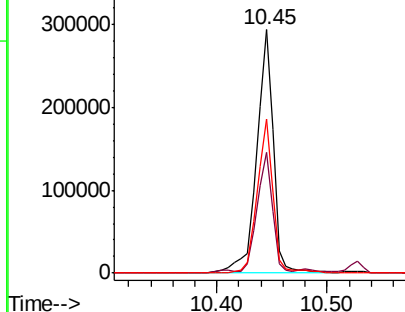
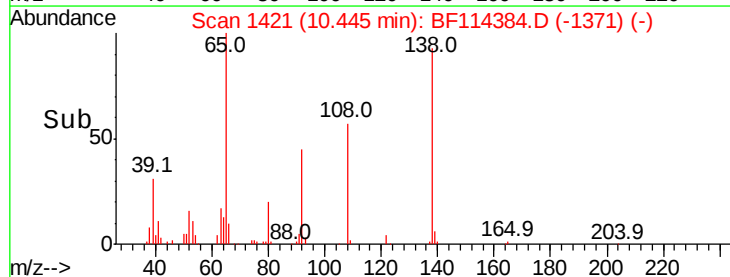


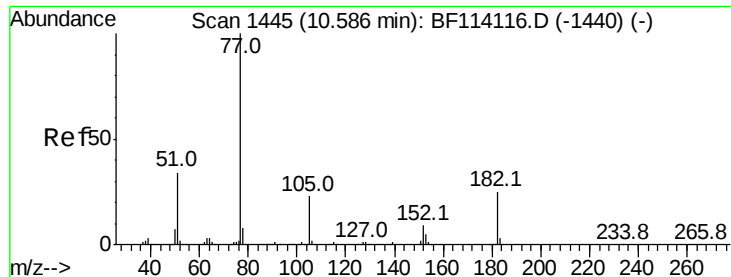
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 33.700 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.02 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1164745

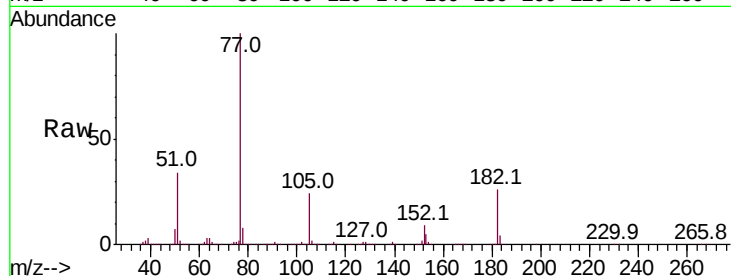
Ion Ratio Lower Upper

77 100

182 26.3 4.7 44.7

105 23.7 2.9 42.9

51 34.3 14.6 54.6

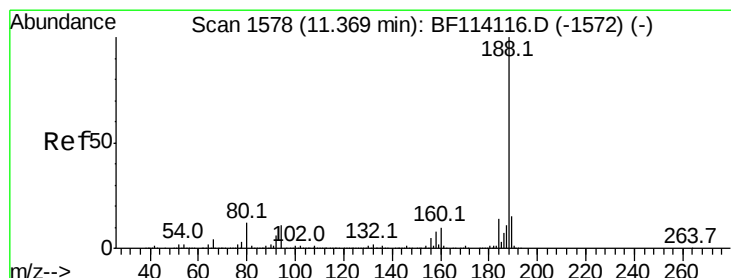
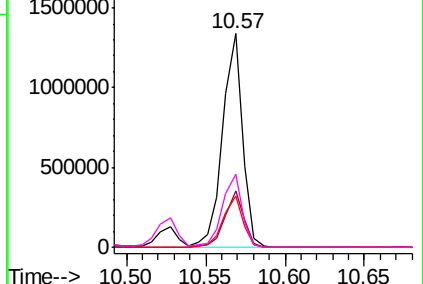
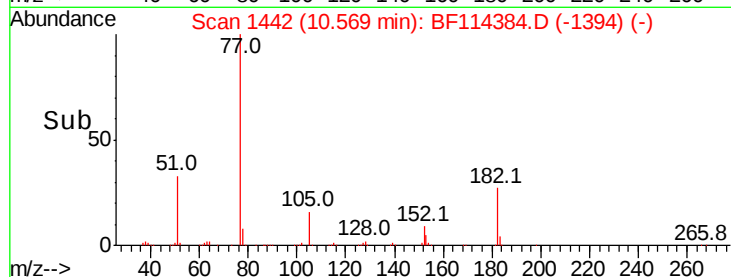


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

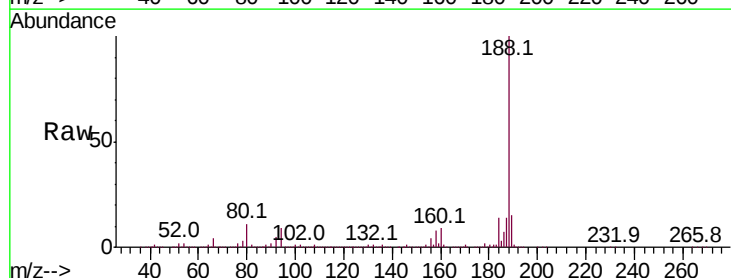
Tgt Ion: 188 Resp: 931891

Ion Ratio Lower Upper

188 100

94 9.5 8.4 12.6

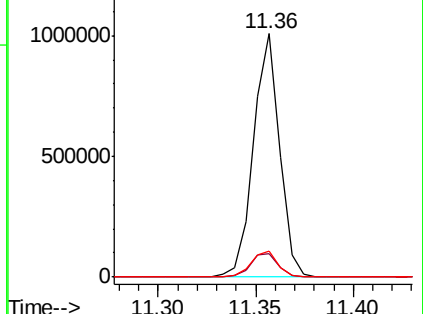
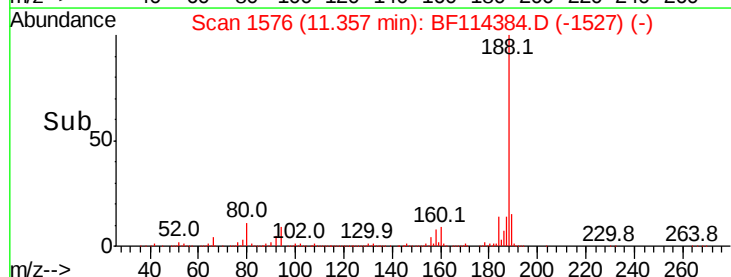
80 10.5 9.2 13.8

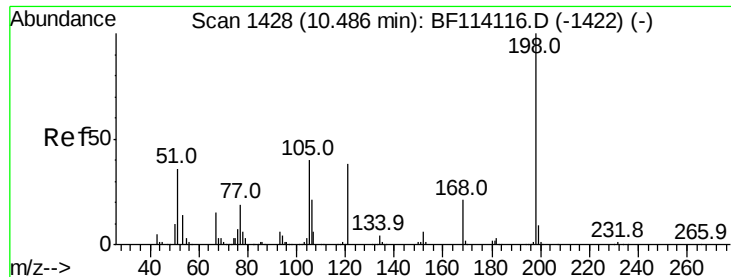


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 36.428 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

Instrument :

BNA_F

ClientSampleId :

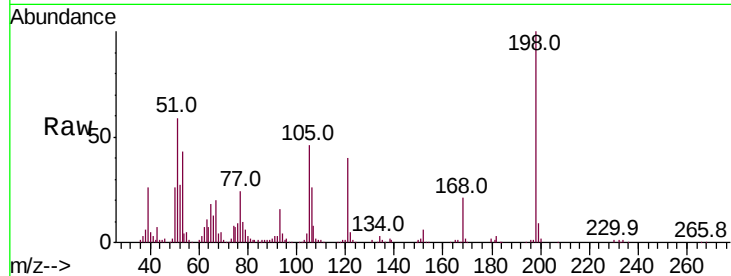
Tot Ion:198 Resp: 163119

Ion Ratio Lower Upper

198 100

51 58.8 28.0 68.0

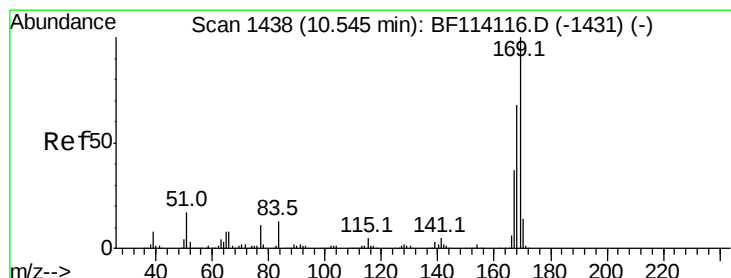
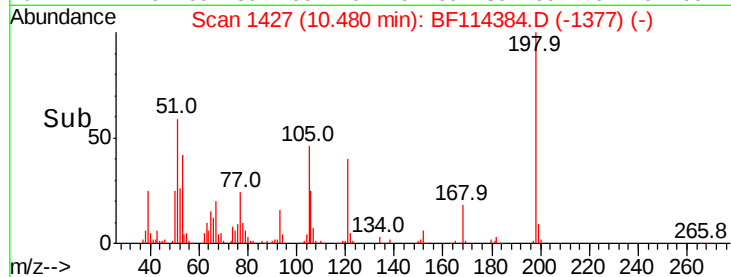
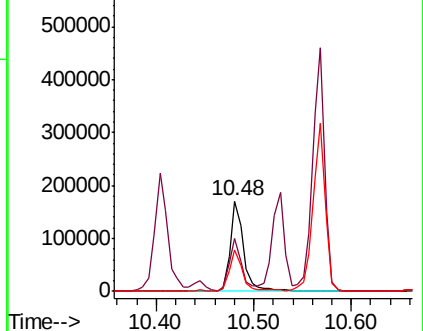
105 45.8 21.1 61.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 36.327 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.02 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

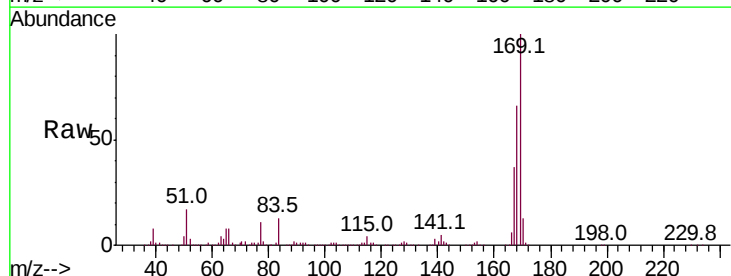
Tgt Ion:169 Resp: 1027431

Ion Ratio Lower Upper

169 100

168 65.8 54.2 81.2

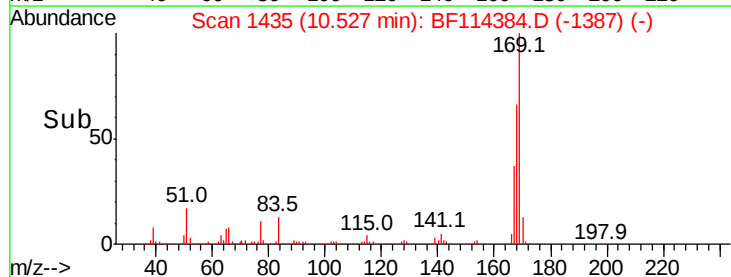
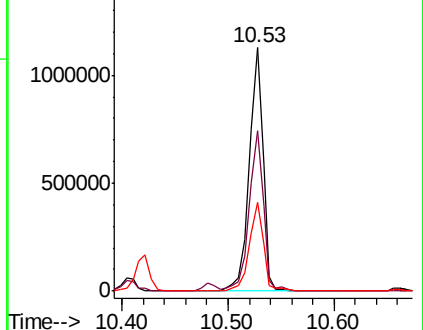
167 36.6 29.8 44.8

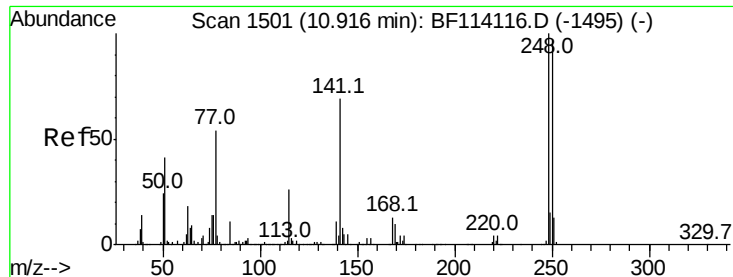


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

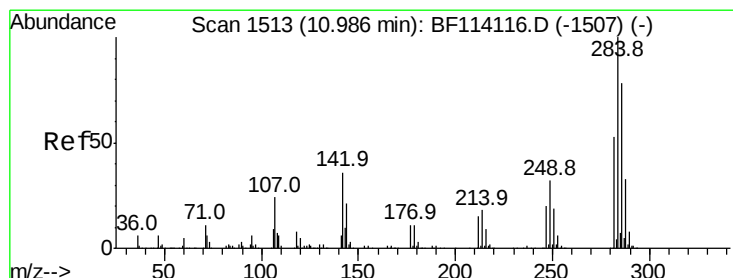
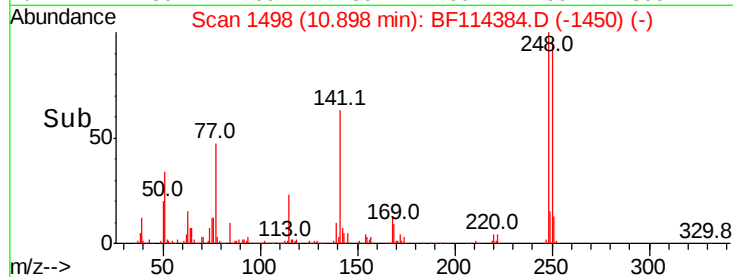
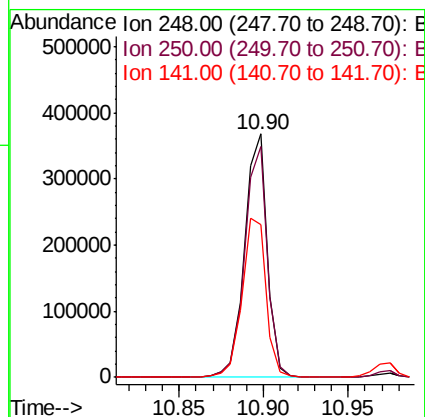
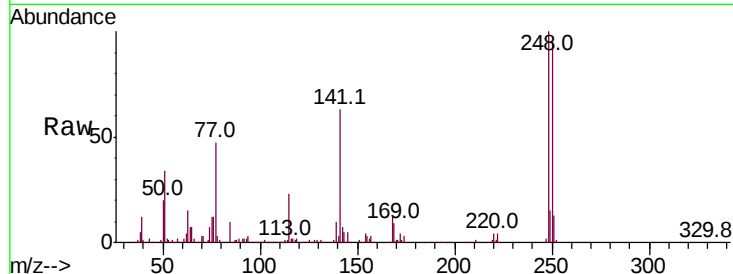




#67
4-Bromophenyl-phenylether
Concen: 33.623 ng
RT: 10.90 min Scan# 1498
Delta R.T. -0.02 min
Lab File: BF114384.D
Acq: 18 May 2019 12:11

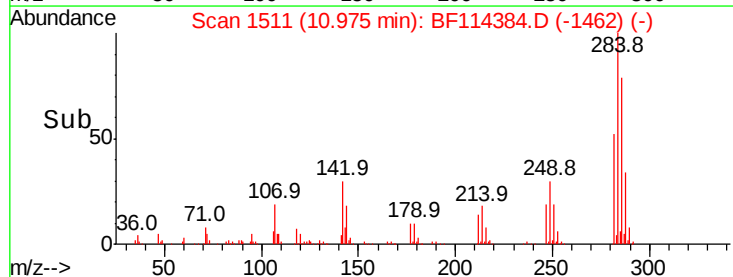
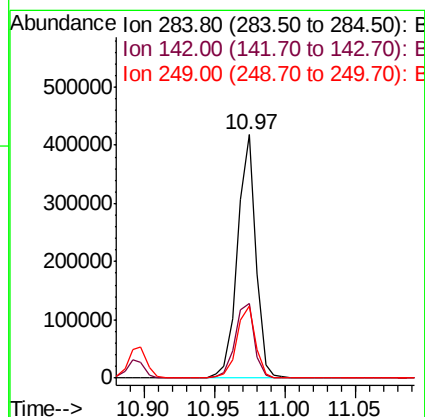
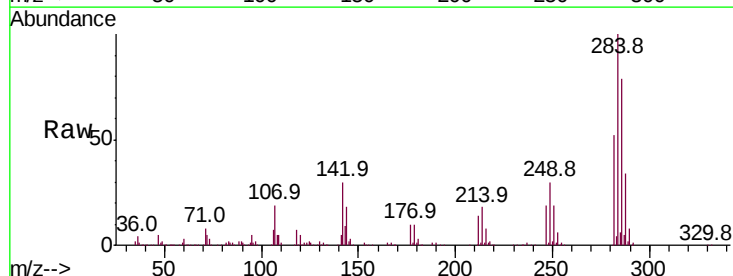
Instrument :
BNA_F
ClientSampled :

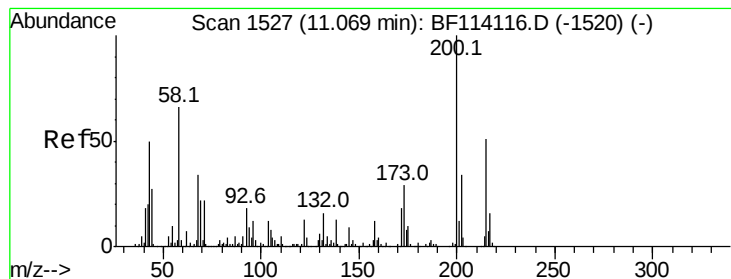
Tot Ion:248 Resp: 344990
Ion Ratio Lower Upper
248 100
250 95.1 77.4 116.2
141 62.5 55.6 83.4



#68
Hexachlorobenzene
Concen: 33.210 ng
RT: 10.97 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF114384.D
Acq: 18 May 2019 12:11

Tgt Ion:284 Resp: 376964
Ion Ratio Lower Upper
284 100
142 30.4 28.4 42.6
249 29.8 25.2 37.8





#69

Atrazine

Concen: 33.986 ng

RT: 11.05 min Scan# 1524

Delta R.T. -0.02 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

Instrument :

BNA_F

ClientSampleId :

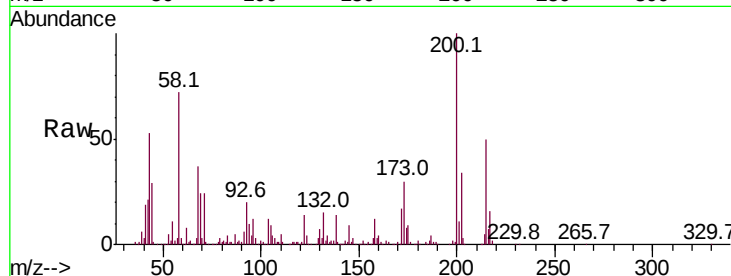
Tot Ion:200 Resp: 299134

Ion Ratio Lower Upper

200 100

173 29.7 8.9 48.9

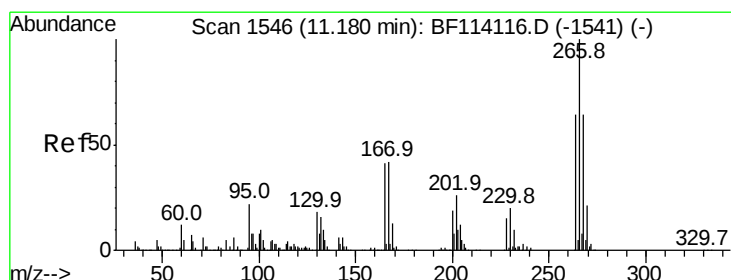
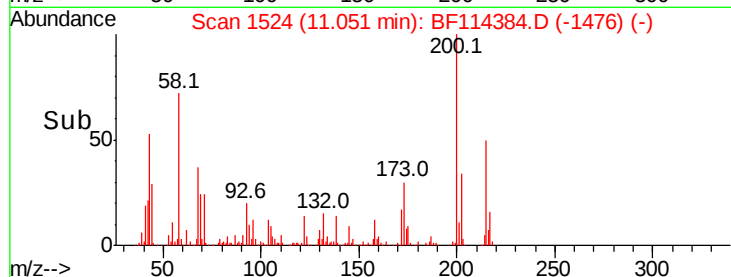
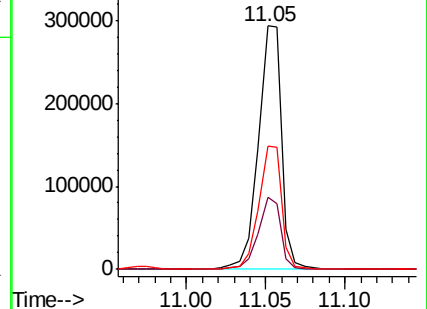
215 50.4 30.7 70.7



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: 52.991 ng

RT: 11.17 min Scan# 1544

Delta R.T. -0.01 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

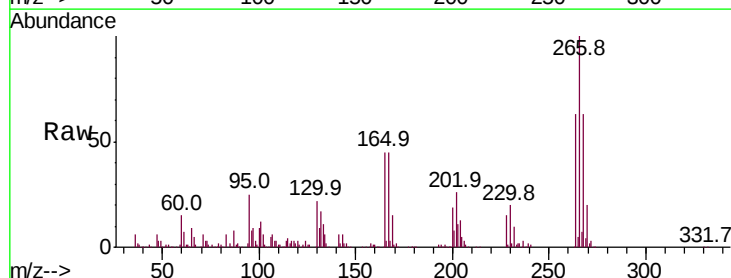
Tgt Ion:266 Resp: 285132

Ion Ratio Lower Upper

266 100

268 63.5 51.1 76.7

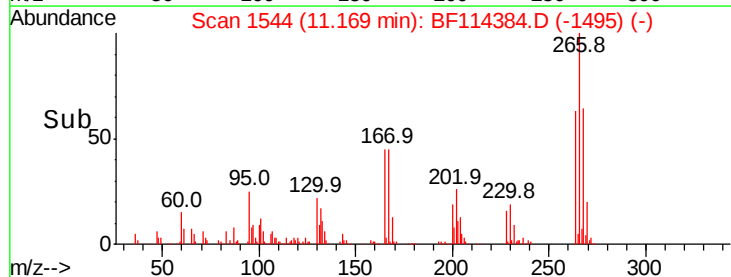
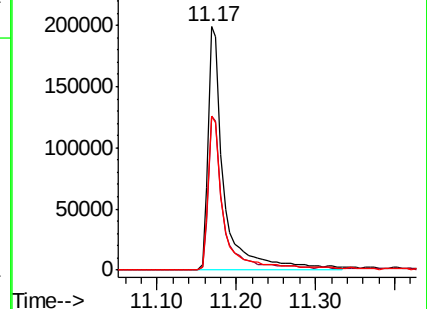
264 63.1 51.1 76.7

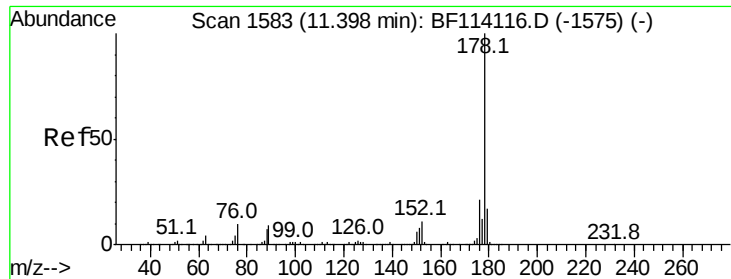


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 35.969 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.02 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

Instrument :

BNA_F

ClientSampled :

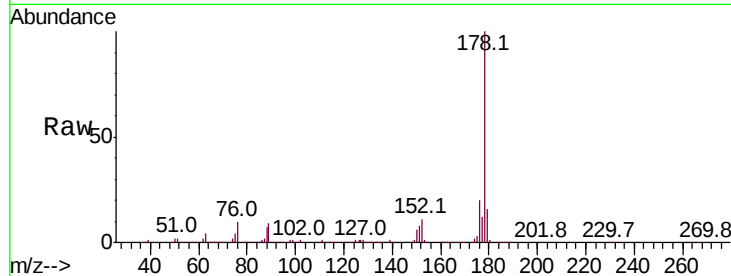
Tot Ion:178 Resp: 1630756

Ion Ratio Lower Upper

178 100

176 20.0 16.4 24.6

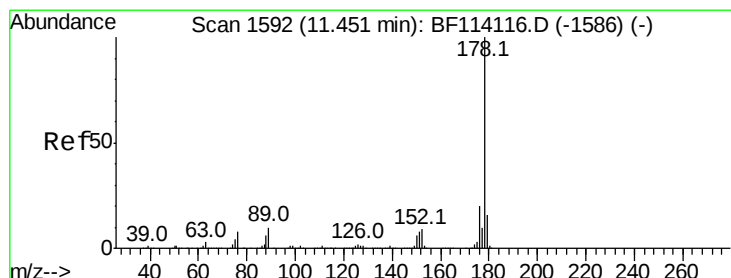
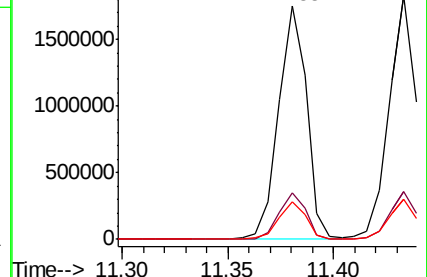
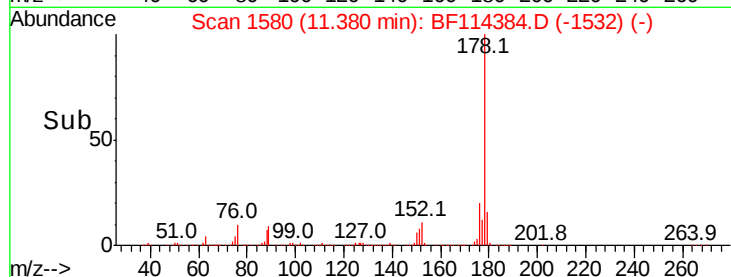
179 15.9 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 36.538 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.02 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

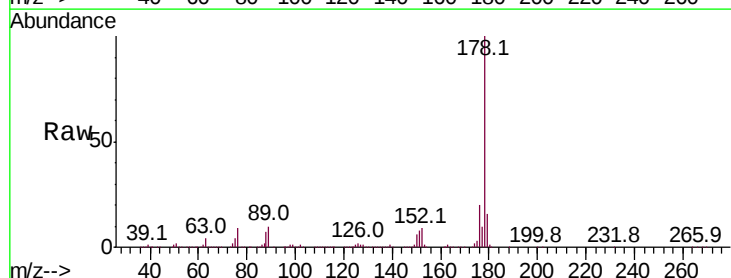
Tgt Ion:178 Resp: 1663856

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.8

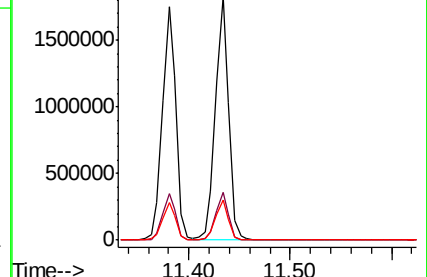
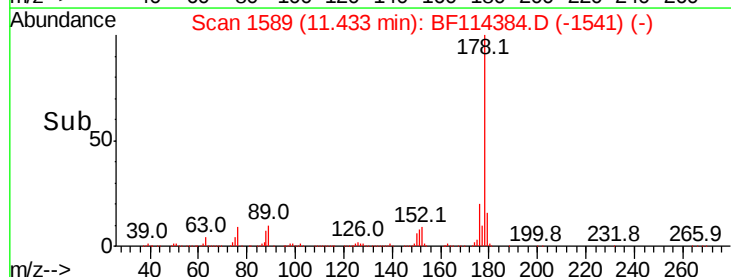
179 16.2 13.0 19.4

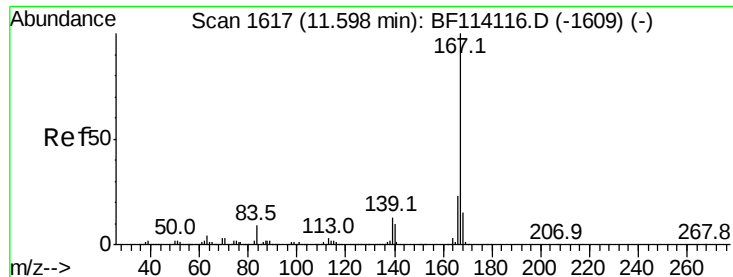


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

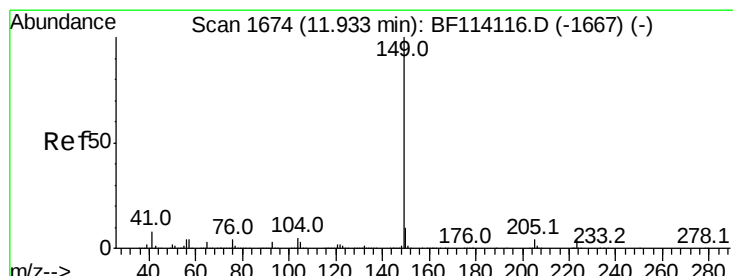
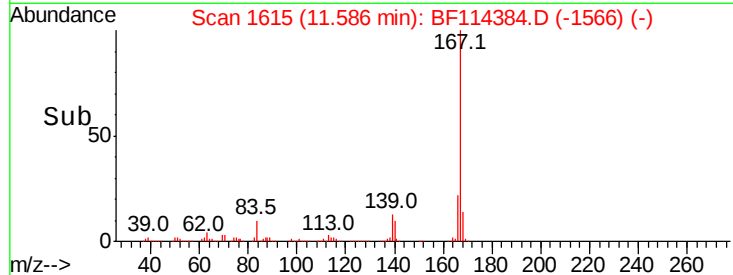
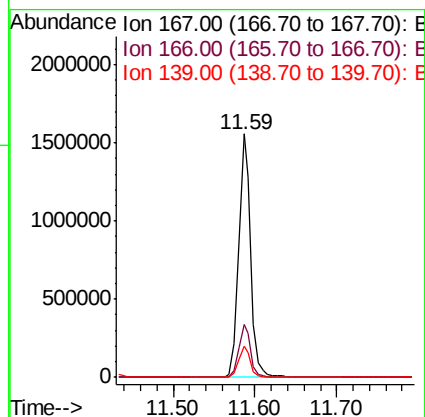
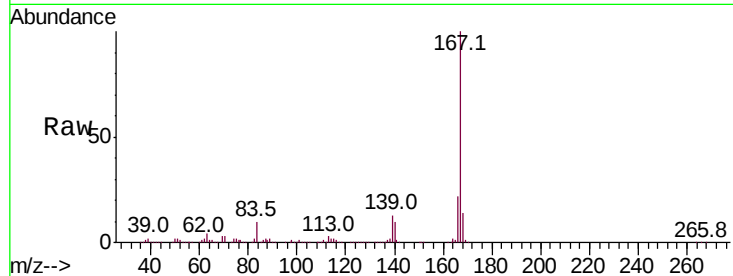




#73
 Carbazole
 Concen: 36.666 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. -0.01 min
 Lab File: BF114384.D
 Acq: 18 May 2019 12:11

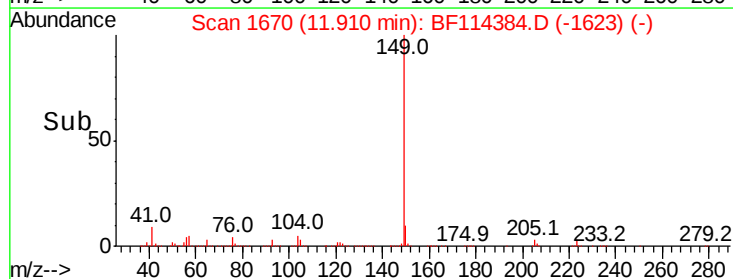
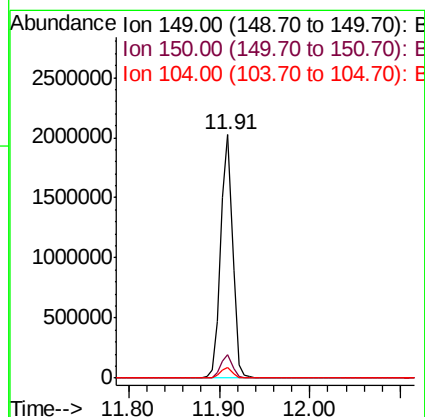
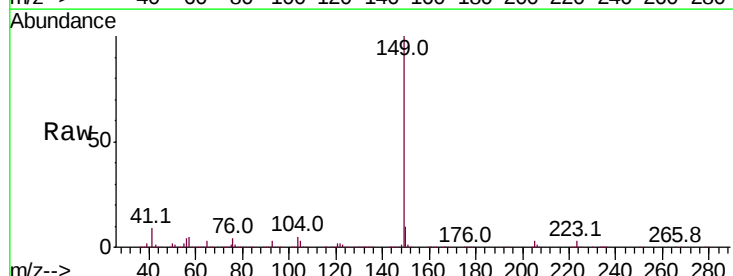
Instrument :
 BNA_F
 ClientSampleId :

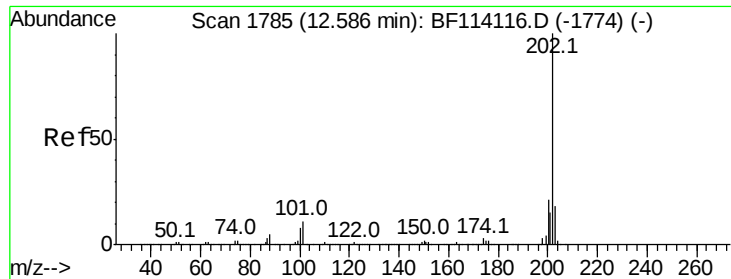
Tot Ion:167 Resp: 1592190
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.2 27.2
 139 13.0 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 36.363 ng
 RT: 11.91 min Scan# 1670
 Delta R.T. -0.02 min
 Lab File: BF114384.D
 Acq: 18 May 2019 12:11

Tgt Ion:149 Resp: 1819178
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.7 11.5
 104 4.6 3.6 5.4





#75

Fluoranthene

Concen: 35.652 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.02 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

Instrument :

BNA_F

ClientSampled :

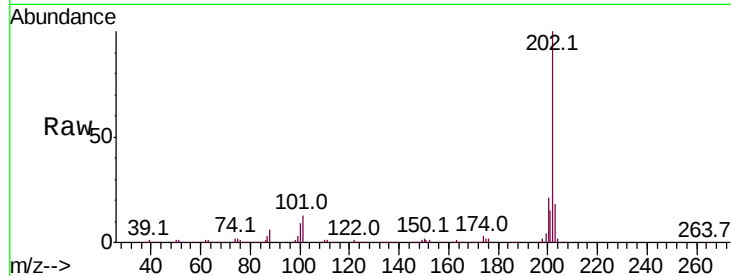
Tot Ion:202 Resp: 1740638

Ion Ratio Lower Upper

202 100

101 12.9 0.0 31.0

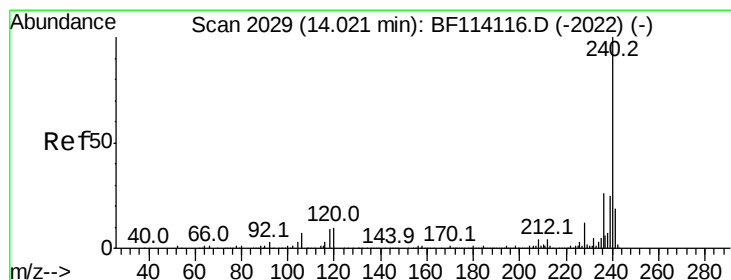
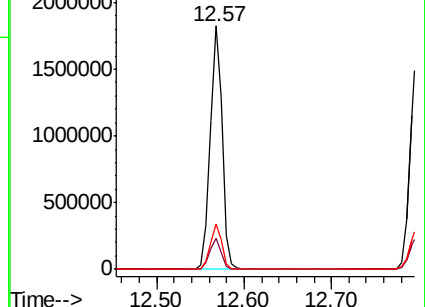
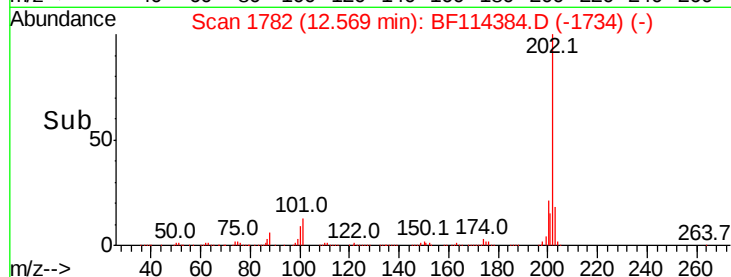
203 18.4 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.02 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

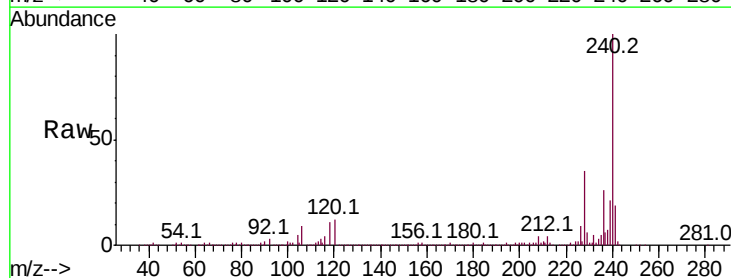
Tgt Ion:240 Resp: 653727

Ion Ratio Lower Upper

240 100

120 12.5 8.3 12.5#

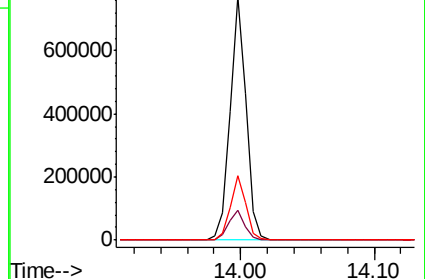
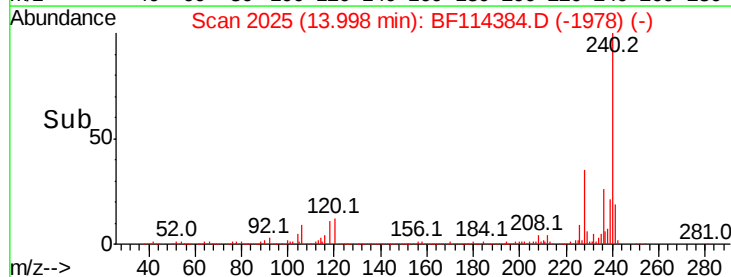
236 26.4 20.8 31.2

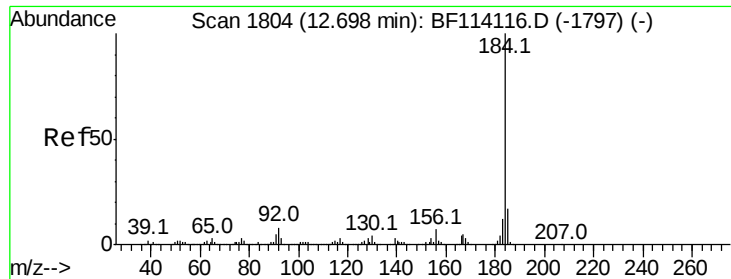


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 19.756 ng

RT: 12.69 min Scan# 1802

Delta R.T. -0.01 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

Instrument :

BNA_F

ClientSampleId :

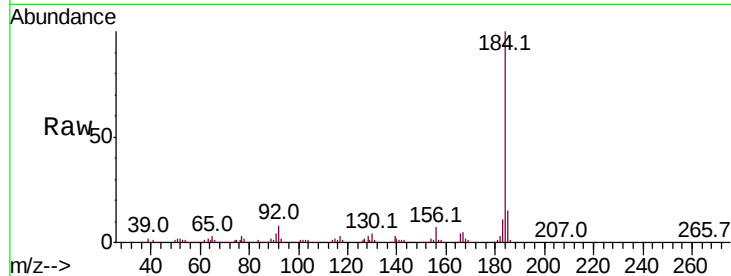
Tot Ion:184 Resp: 579743

Ion Ratio Lower Upper

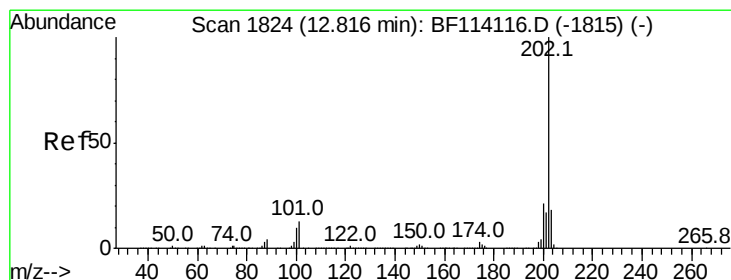
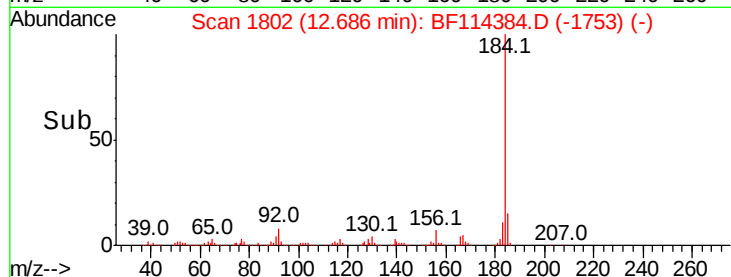
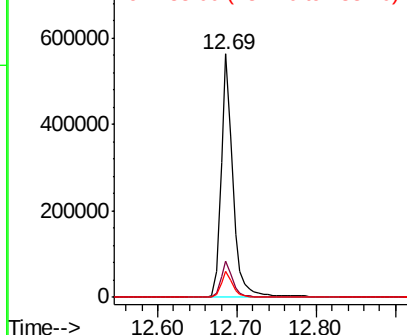
184 100

185 14.9 13.6 20.4

183 10.6 9.2 13.8



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: 33.941 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.02 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

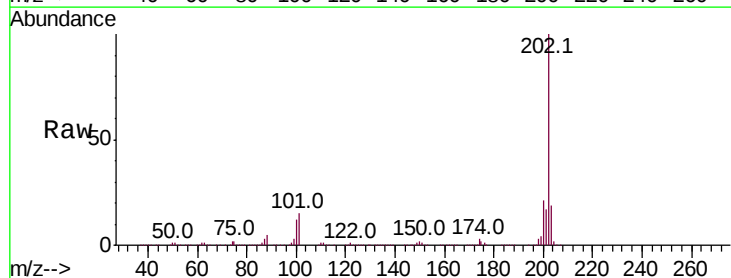
Tgt Ion:202 Resp: 1784927

Ion Ratio Lower Upper

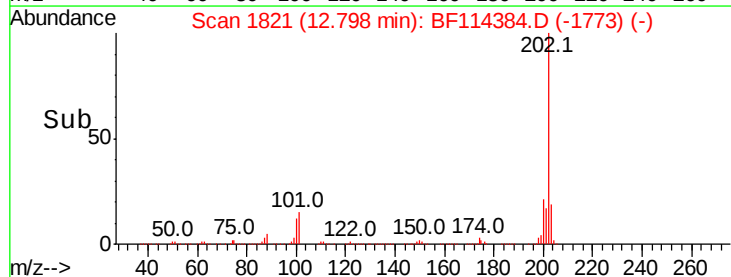
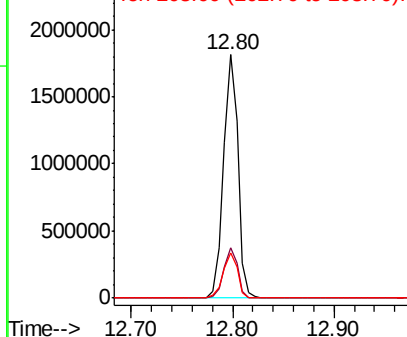
202 100

200 20.8 16.9 25.3

203 18.5 14.5 21.7



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: 63.153 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.02 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

Instrument :

BNA_F

ClientSampled :

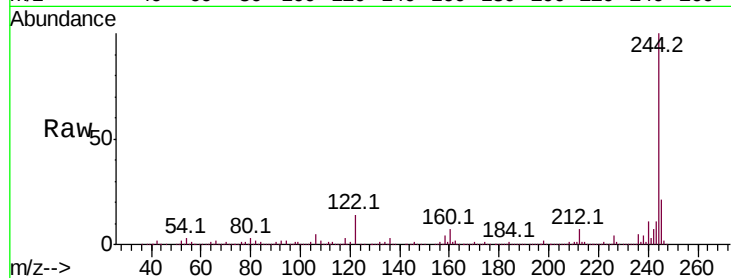
Tot Ion:244 Resp: 2002711

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

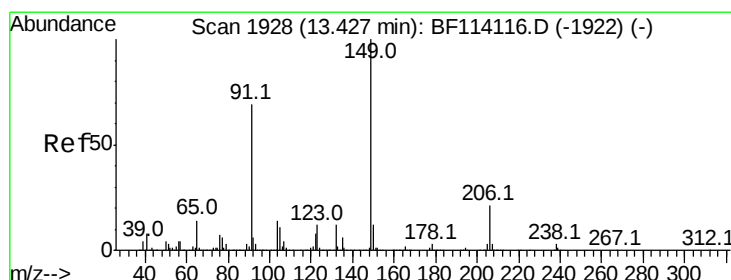
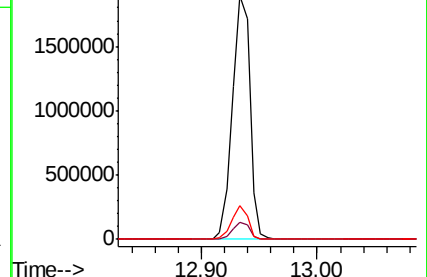
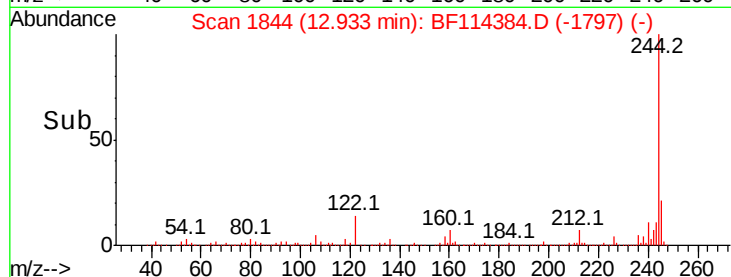
122 13.8 9.4 14.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 36.022 ng

RT: 13.40 min Scan# 1924

Delta R.T. -0.02 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

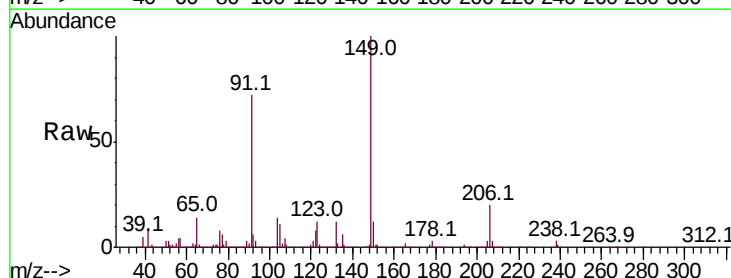
Tgt Ion:149 Resp: 797351

Ion Ratio Lower Upper

149 100

91 71.7 55.0 82.4

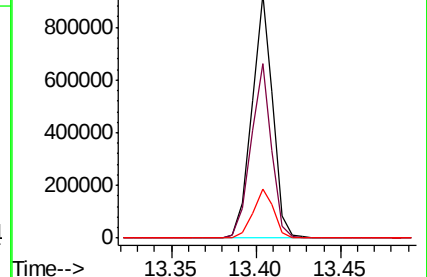
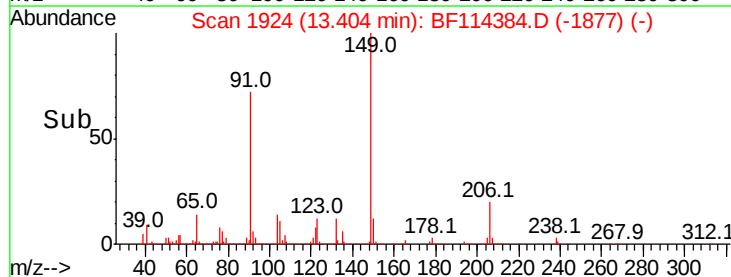
206 20.4 16.9 25.3

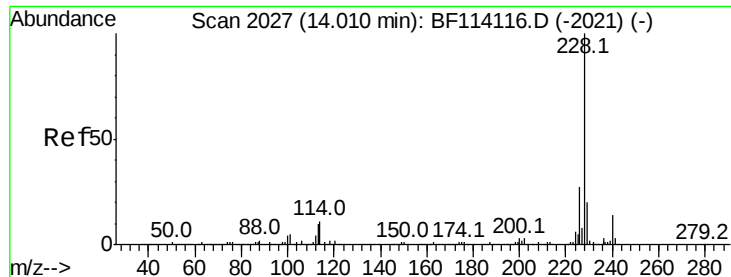


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 35.301 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.02 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

Instrument :

BNA_F

ClientSampleId :

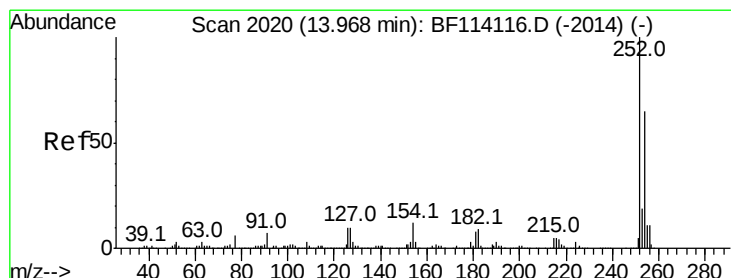
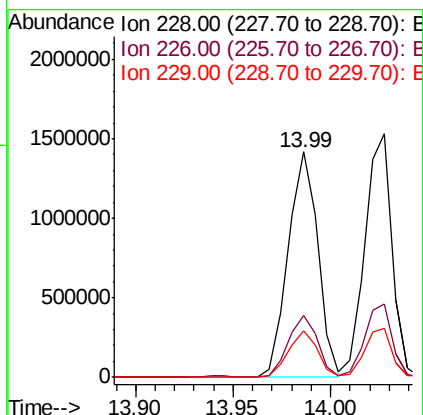
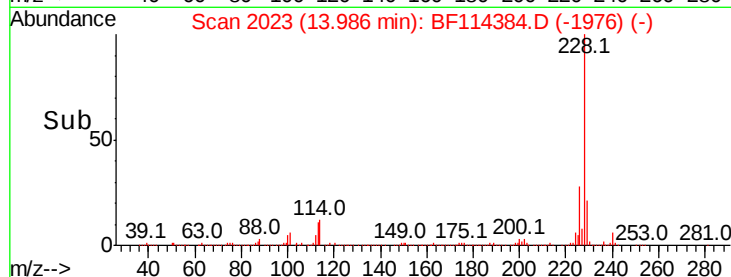
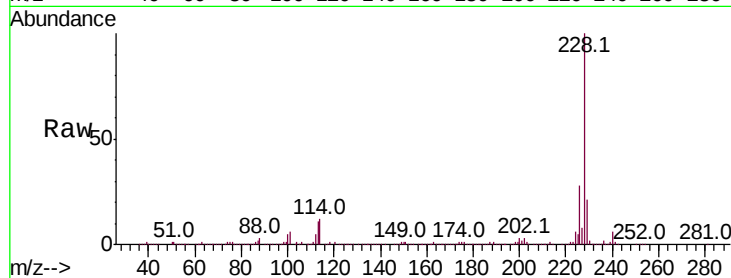
Tot Ion:228 Resp: 1492637

Ion Ratio Lower Upper

228 100

226 27.7 22.2 33.2

229 20.6 16.4 24.6



#82

3,3'-Dichlorobenzidine

Concen: 30.025 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.02 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

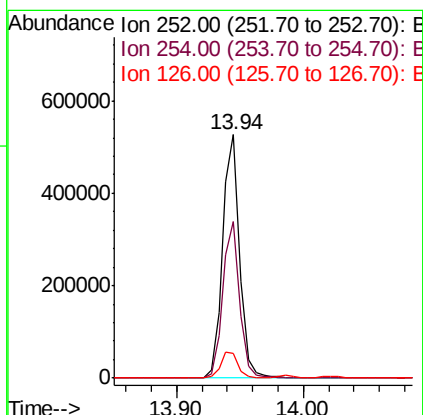
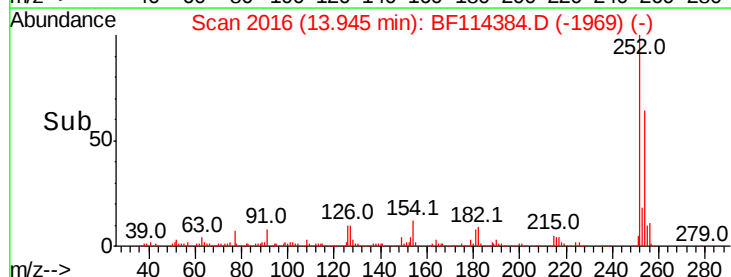
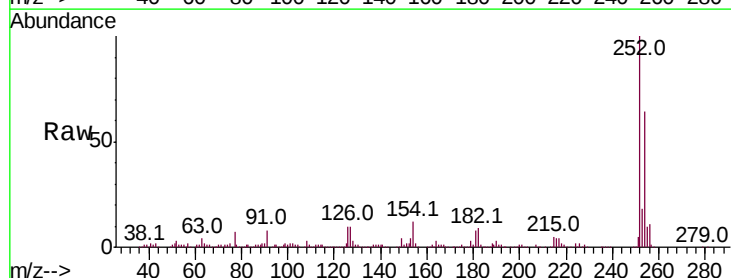
Tgt Ion:252 Resp: 492495

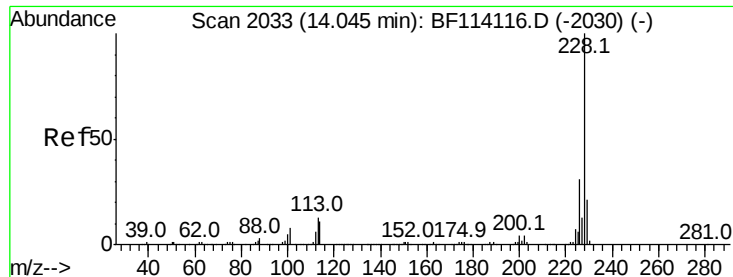
Ion Ratio Lower Upper

252 100

254 64.4 51.9 77.9

126 10.3 7.9 11.9





#83

Chrysene

Concen: 35.725 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.02 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

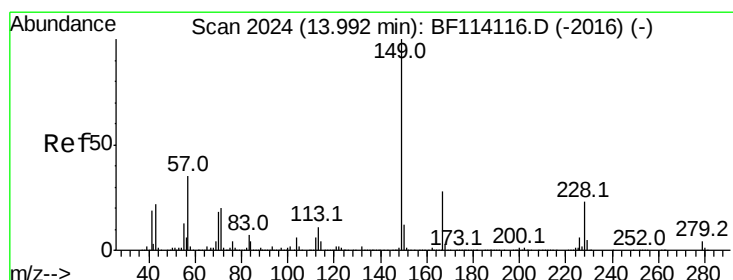
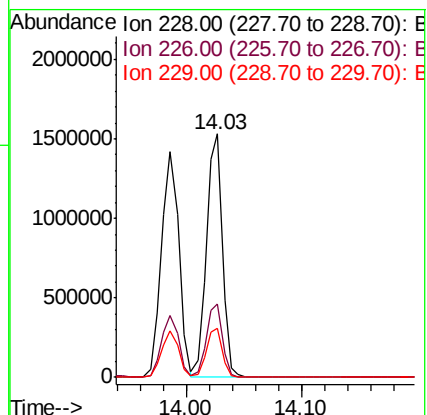
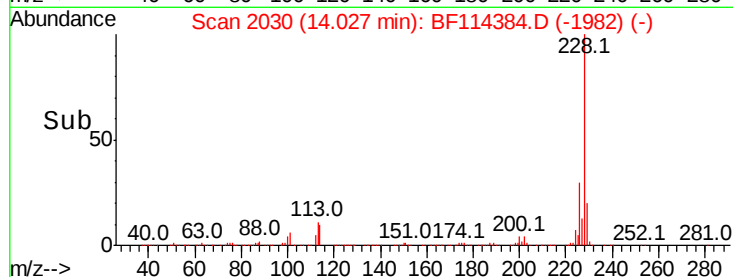
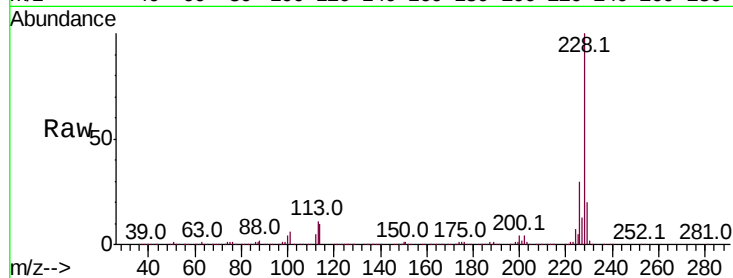
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1480765

Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	20.0	17.0	25.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.923 ng

RT: 13.96 min Scan# 2019

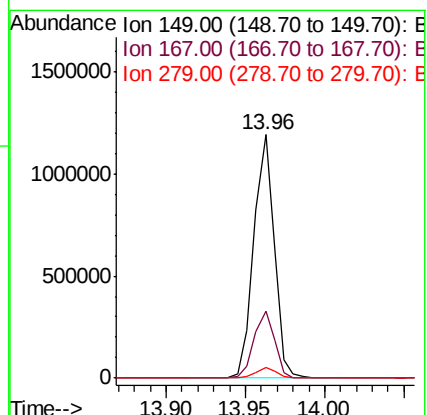
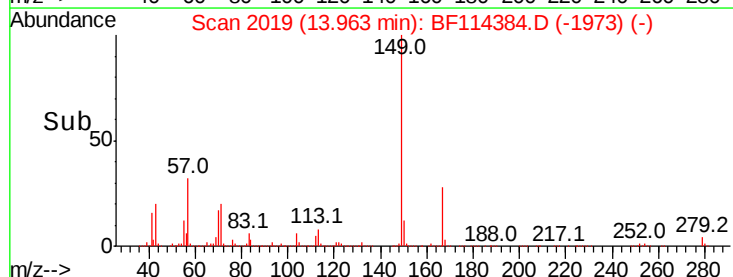
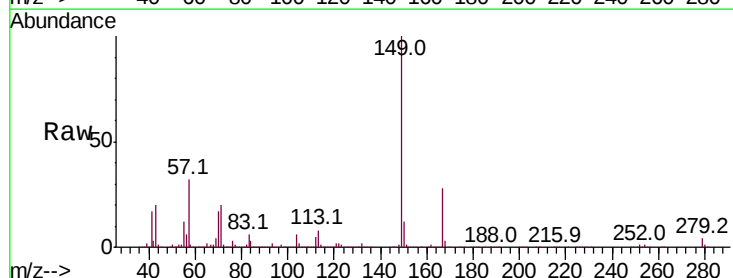
Delta R.T. -0.03 min

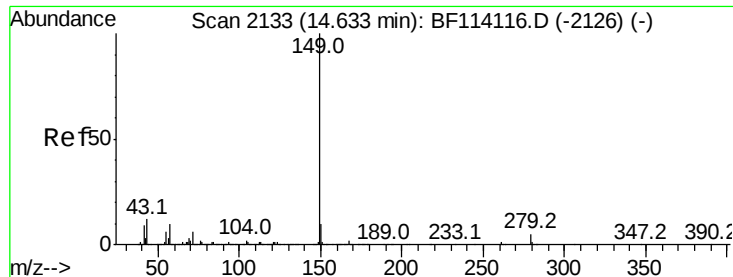
Lab File: BF114384.D

Acq: 18 May 2019 12:11

Tgt Ion:149 Resp: 1068923

Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.6	33.8
279	4.1	3.0	4.6





#85

Di-n-octyl phthalate

Concen: 38.524 ng

RT: 14.57 min Scan# 2123

Delta R.T. -0.06 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

Instrument :

BNA_F

ClientSampled :

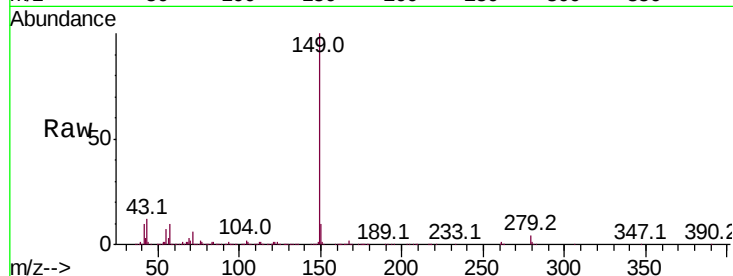
Tot Ion:149 Resp: 1807908

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

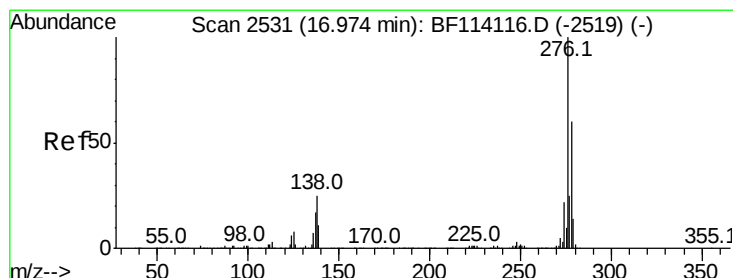
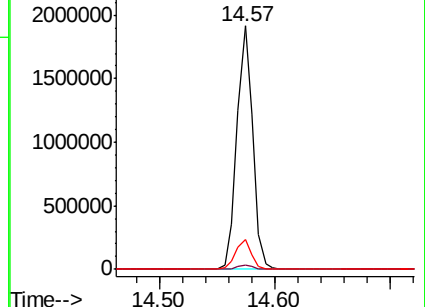
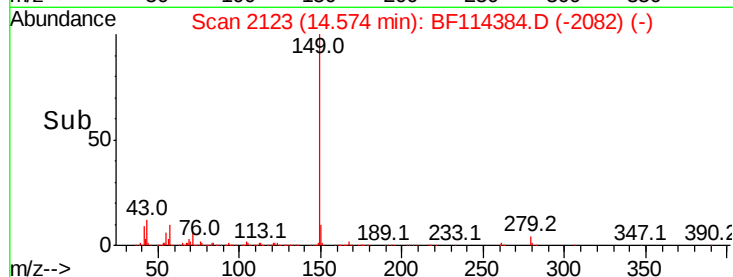
43 11.9 10.1 15.1



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: 34.579 ng

RT: 16.94 min Scan# 2525

Delta R.T. -0.04 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

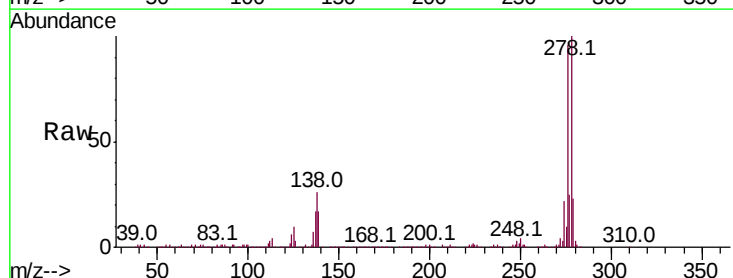
Tgt Ion:276 Resp: 1266679

Ion Ratio Lower Upper

276 100

138 26.1 20.2 30.2

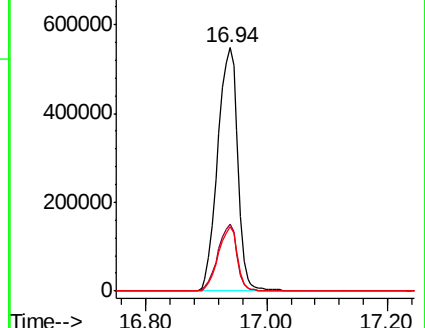
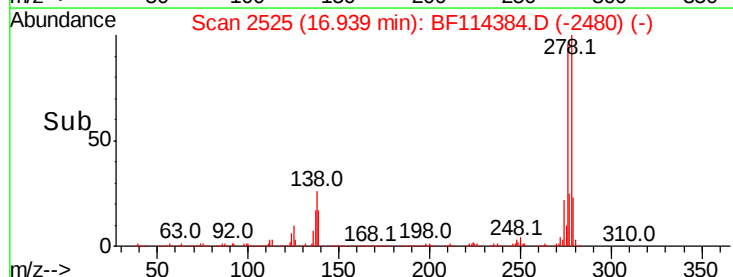
277 25.3 20.0 30.0

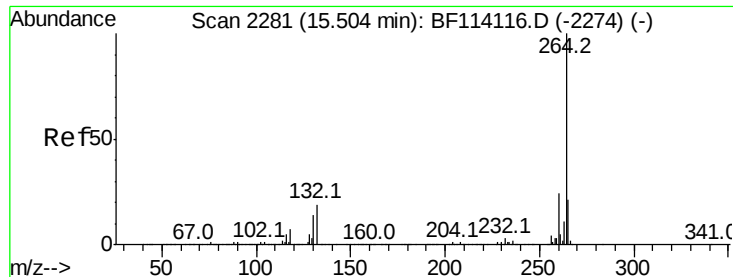


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.46 min Scan# 2274

Delta R.T. -0.04 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

Instrument :

BNA_F

ClientSampleId :

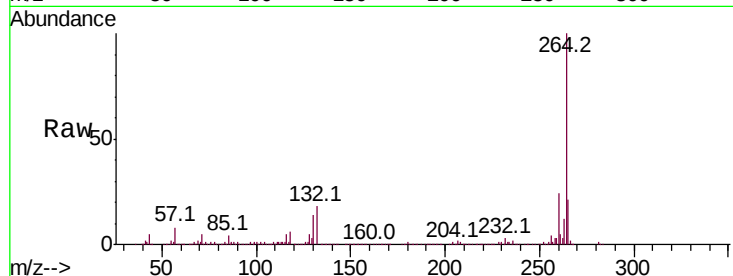
Tot Ion:264 Resp: 558355

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.0
265	21.3	16.9	25.3

264 100

260 23.6 19.4 29.0

265 21.3 16.9 25.3

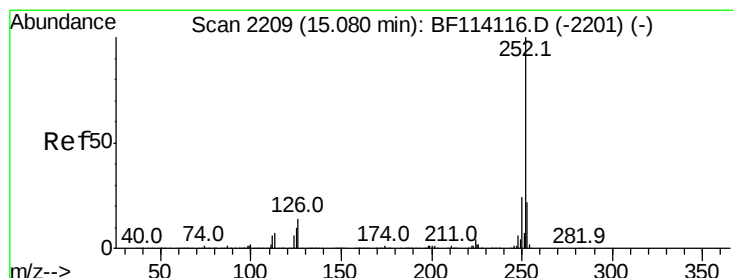
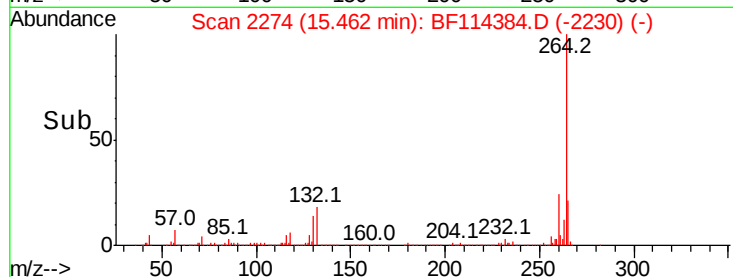
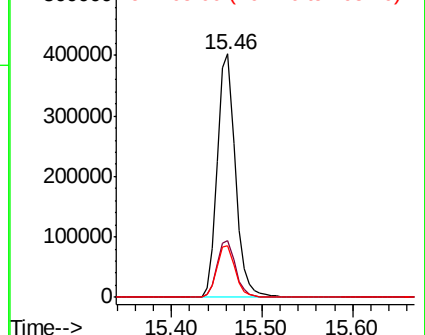


Abundance

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: 41.311 ng

RT: 15.04 min Scan# 2202

Delta R.T. -0.04 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

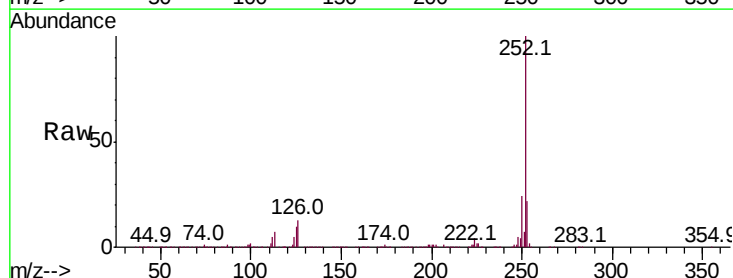
Tgt Ion:252 Resp: 1477750

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	10.4	8.3	12.5

252 100

253 22.0 17.8 26.8

125 10.4 8.3 12.5

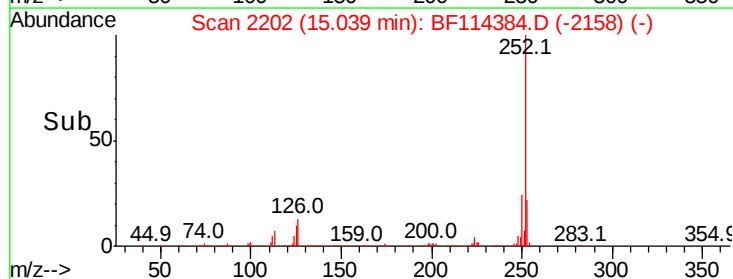
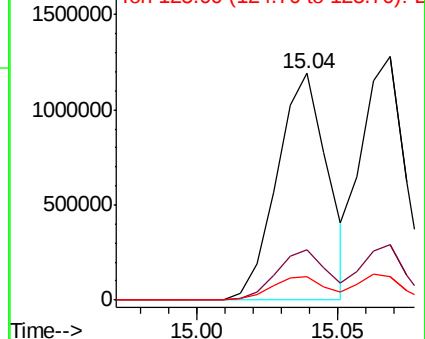


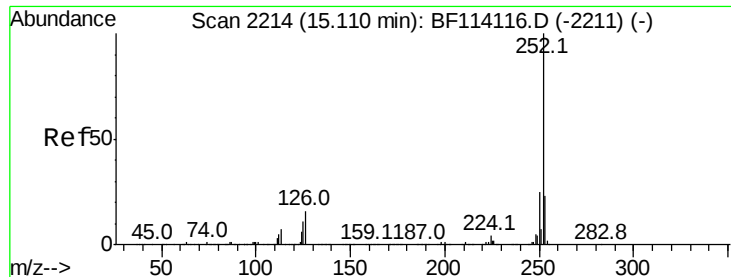
Abundance

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

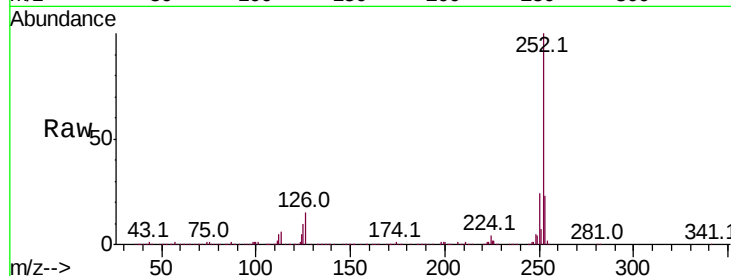




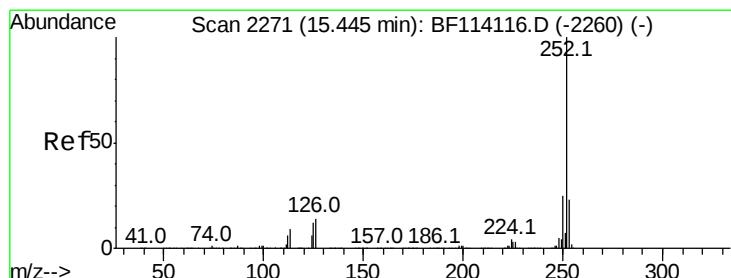
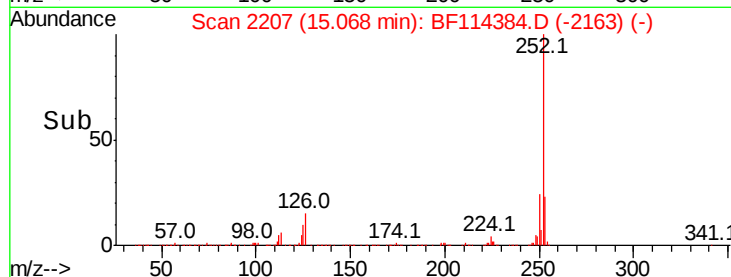
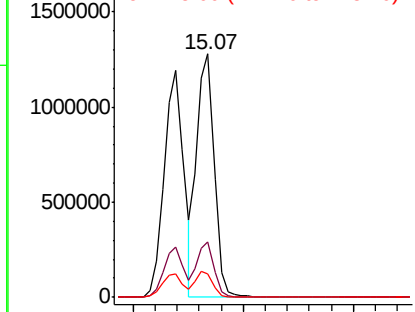
#89
Benzo(k)fluoranthene
Concen: 41.941 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.04 min
Lab File: BF114384.D
Acq: 18 May 2019 12:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1378167
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.2
125 9.9 8.6 13.0

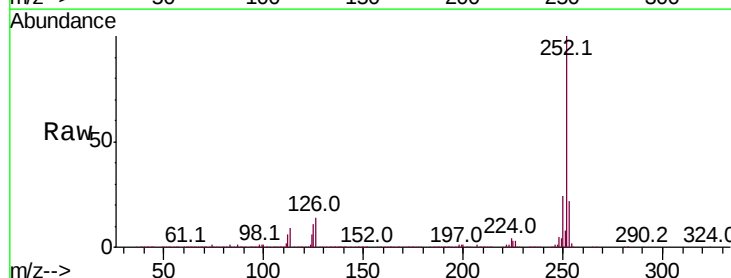


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

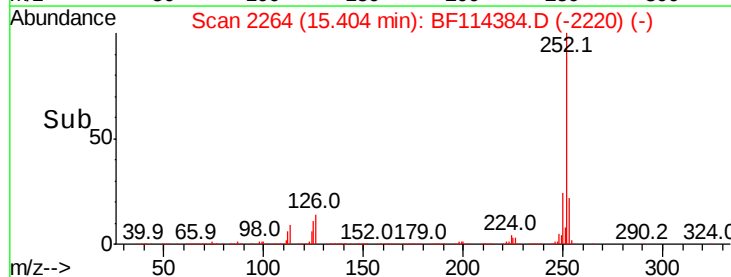
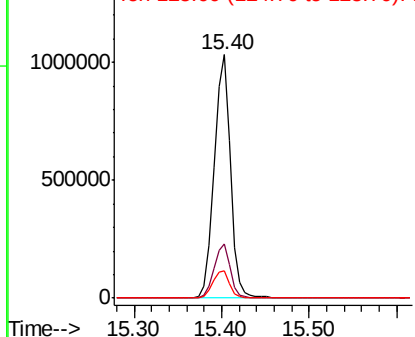


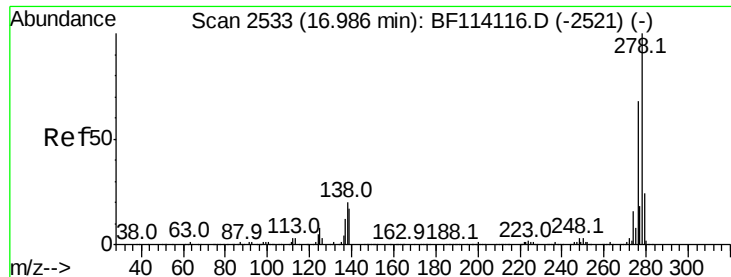
#90
Benzo(a)pyrene
Concen: 42.579 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.04 min
Lab File: BF114384.D
Acq: 18 May 2019 12:11

Tgt Ion:252 Resp: 1340452
Ion Ratio Lower Upper
252 100
253 22.5 18.1 27.1
125 11.5 9.5 14.3



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





#91

Dibenzo(a,h)anthracene

Concen: 40.284 ng

RT: 16.94 min Scan# 2526

Delta R.T. -0.04 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

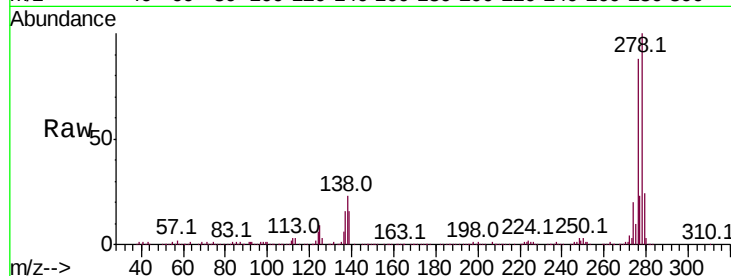
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 1053828

Ion	Ratio	Lower	Upper
278	100		
139	16.1	13.5	20.3
279	23.7	19.0	28.6

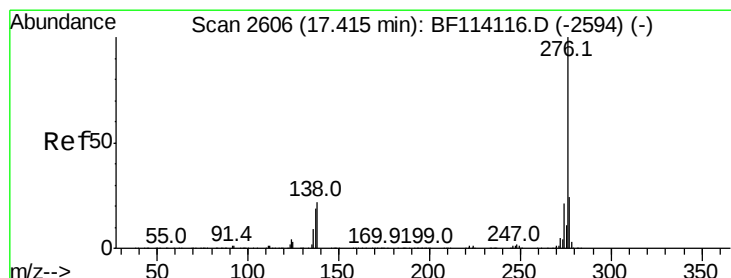
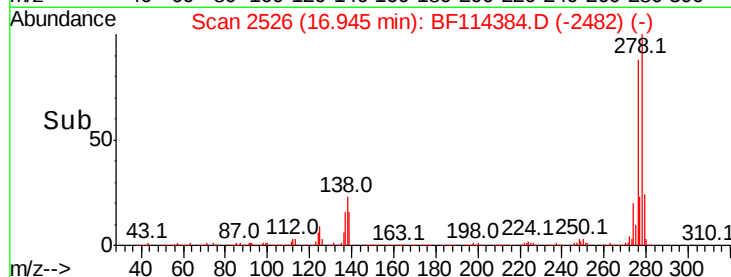
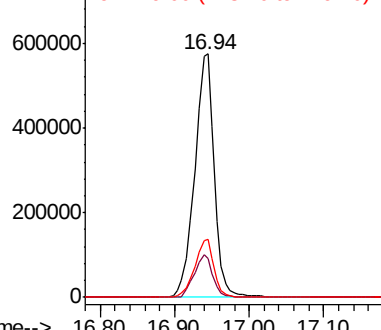


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 41.121 ng

RT: 17.37 min Scan# 2599

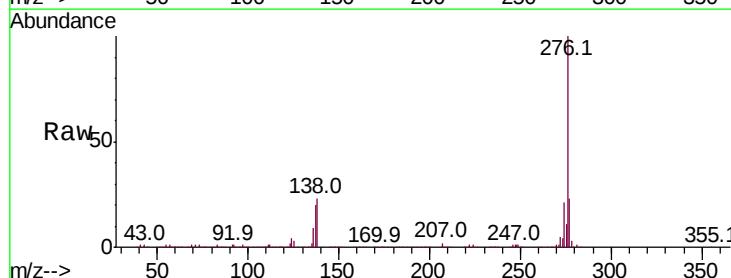
Delta R.T. -0.04 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

Tgt Ion:276 Resp: 1078023

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.0	28.4
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

