

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051019\
 Data File : BF114117.D
 Acq On : 10 May 2019 10:59
 Operator : JU/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: May 10 11:49:26 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 11:41:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	326811	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1239361	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	578372	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	819858	20.00	ng	0.00
76) Chrysene-d12	14.02	240	586826	20.00	ng	0.00
87) Perylene-d12	15.50	264	536153	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1804352	89.52	ng	0.00
7) Phenol-d6	6.49	99	2361788	93.29	ng	0.00
23) Nitrobenzene-d5	7.42	82	2193549	97.30	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	608689	83.62	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	3618582	99.75	ng	0.00
79) Terphenyl-d14	12.96	244	2780089	94.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	513810	48.220	ng	99
3) Pyridine	3.39	79	1388295	50.491	ng	99
4) n-Nitrosodimethylamine	3.35	42	683496	73.619	ng	100
6) Aniline	6.52	93	1723211	50.756	ng	98
8) 2-Chlorophenol	6.65	128	1092181	47.719	ng	95
9) Benzaldehyde	6.40	77	849686	61.136	ng	98
10) Phenol	6.50	94	1399228	47.424	ng	98
11) bis(2-Chloroethyl)ether	6.59	93	1094976	47.805	ng	99
12) 1,3-Dichlorobenzene	6.80	146	1206378	47.841	ng	99
13) 1,4-Dichlorobenzene	6.87	146	1200263	47.401	ng	97
14) 1,2-Dichlorobenzene	7.03	146	1100327	48.585	ng	99
15) Benzyl Alcohol	7.00	79	977097	51.669	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	2057912	89.237	ng	100
17) 2-Methylphenol	7.11	107	876348	50.865	ng	98
18) Hexachloroethane	7.37	117	447185	51.696	ng	99
19) n-Nitroso-di-n-propylamine	7.27	70	736569	48.049	ng	97
20) 3+4-Methylphenols	7.26	107	992306	46.992	ng	93
22) Acetophenone	7.26	105	1363968	46.845	ng	96
24) Nitrobenzene	7.44	77	1173465	49.129	ng	93
25) Isophorone	7.67	82	2031355	46.275	ng	99
26) 2-Nitrophenol	7.75	139	559452	45.704	ng	96
27) 2,4-Dimethylphenol	7.79	122	886941	53.491	ng	98
28) bis(2-Chloroethoxy)methane	7.88	93	1340490	49.953	ng	100
29) 2,4-Dichlorophenol	7.99	162	858902	44.899	ng	97
30) 1,2,4-Trichlorobenzene	8.08	180	972805	45.180	ng	98
31) Naphthalene	8.16	128	2894081	48.231	ng	99
32) Benzoic acid	7.93	122	570215	49.857	ng	99
33) 4-Chloroaniline	8.20	127	1311426	53.505	ng	98
34) Hexachlorobutadiene	8.28	225	555521	41.942	ng	100
35) Caprolactam	8.59	113	290825	51.526	ng	89
36) 4-Chloro-3-methylphenol	8.69	107	959179	51.039	ng	99
37) 2-Methylnaphthalene	8.85	142	2051186	51.196	ng	97
38) 1-Methylnaphthalene	8.95	142	1944220	50.161	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	942896	52.201	ng	100

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051019\
 Data File : BF114117.D
 Acq On : 10 May 2019 10:59
 Operator : JU/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: May 10 11:49:26 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 11:41:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	426485	57.505	ng	98
43) 2,4,6-Trichlorophenol	9.13	196	645164	55.597	ng	99
44) 2,4,5-Trichlorophenol	9.17	196	639465	50.092	ng	97
46) 1,1'-Biphenyl	9.31	154	2295960	53.295	ng	99
47) 2-Chloronaphthalene	9.34	162	1852246	52.761	ng	99
48) 2-Nitroaniline	9.43	65	669874	68.679	ng	98
49) Acenaphthylene	9.75	152	2873025	51.903	ng	99
50) Dimethylphthalate	9.62	163	2088224	49.986	ng	99
51) 2,6-Dinitrotoluene	9.67	165	487069	51.444	ng	# 83
52) Acenaphthene	9.93	154	1794449	55.900	ng	99
53) 3-Nitroaniline	9.85	138	603957	60.902	ng	94
54) 2,4-Dinitrophenol	9.95	184	221353	51.833	ng	99
55) Dibenzofuran	10.10	168	2532993	50.175	ng	97
56) 4-Nitrophenol	10.00	139	417172	55.393	ng	93
57) 2,4-Dinitrotoluene	10.07	165	635157	49.483	ng	92
58) Fluorene	10.44	166	1857975	48.049	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	533118	47.012	ng	99
60) Diethylphthalate	10.31	149	2079021	50.681	ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	915659	45.751	ng	98
62) 4-Nitroaniline	10.46	138	604314	58.944	ng	99
63) Azobenzene	10.59	77	2139953	54.424	ng	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	315381	68.033	ng	84
66) n-Nitrosodiphenylamine	10.55	169	1841611	71.954	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	626689	61.549	ng	97
68) Hexachlorobenzene	10.99	284	688713	61.612	ng	# 91
69) Atrazine	11.07	200	525573	61.226	ng	99
70) Pentachlorophenol	11.18	266	279220	46.989	ng	98
71) Phenanthrene	11.40	178	2087953	50.349	ng	99
72) Anthracene	11.45	178	2081520	49.710	ng	100
73) Carbazole	11.60	167	1959112	53.012	ng	100
74) Di-n-butylphthalate	11.93	149	2324481	51.539	ng	99
75) Fluoranthene	12.59	202	2197963	49.942	ng	99
77) Benzidine	12.70	184	1273431	75.384	ng	99
78) Pyrene	12.82	202	2233649	54.705	ng	99
80) Butylbenzylphthalate	13.43	149	1006969	57.172	ng	99
81) Benzo(a)anthracene	14.01	228	1920134	50.510	ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	762300	54.747	ng	98
83) Chrysene	14.05	228	1872888	50.538	ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	1325979	53.862	ng	# 98
85) Di-n-octyl phthalate	14.63	149	2194266	53.785	ng	100
86) Indeno(1,2,3-cd)pyrene	16.97	276	1677252	49.100	ng	99
88) Benzo(b)fluoranthene	15.08	252	1734375	52.063	ng	99
89) Benzo(k)fluoranthene	15.11	252	1730341	58.861	ng	99
90) Benzo(a)pyrene	15.44	252	1535111	52.414	ng	99
91) Dibenzo(a,h)anthracene	16.99	278	1406446	57.138	ng	98
92) Benzo(g,h,i)perylene	17.42	276	1757089	72.447	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF114117.D

Acq: 10 May 2019 10:59

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

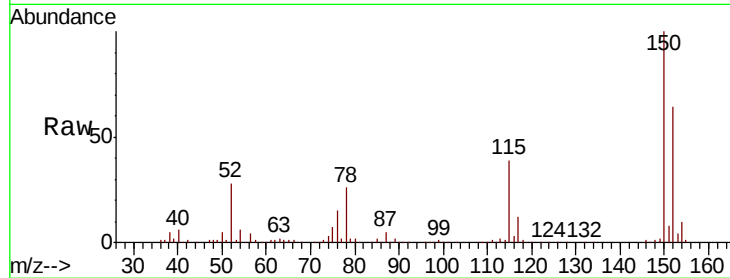
Tot Ion:152 Resp: 326811

Ion Ratio Lower Upper

152 100

150 156.0 124.3 186.5

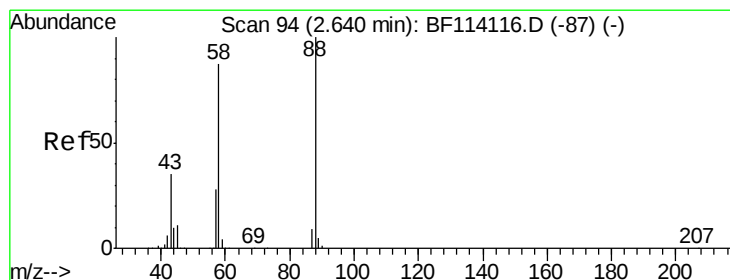
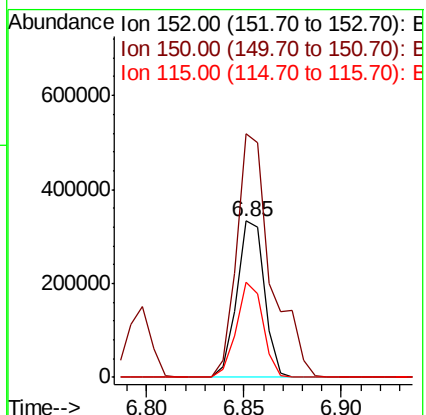
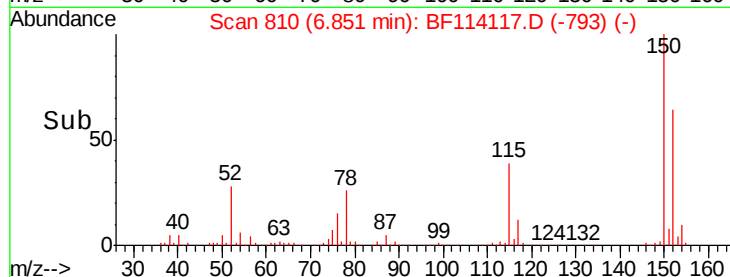
115 60.6 49.1 73.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 48.220 ng

RT: 2.65 min Scan# 95

Delta R.T. 0.01 min

Lab File: BF114117.D

Acq: 10 May 2019 10:59

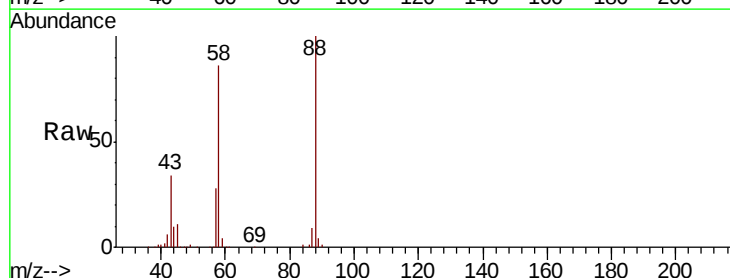
Tgt Ion: 88 Resp: 513810

Ion Ratio Lower Upper

88 100

58 86.4 68.7 103.1

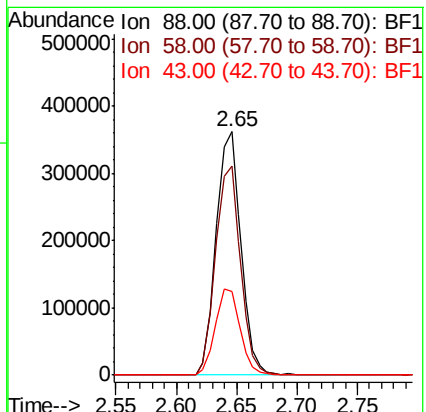
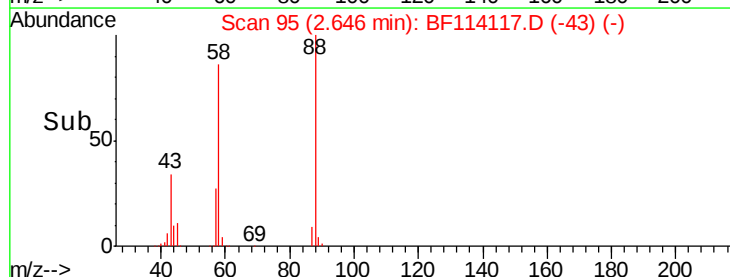
43 35.5 28.2 42.2

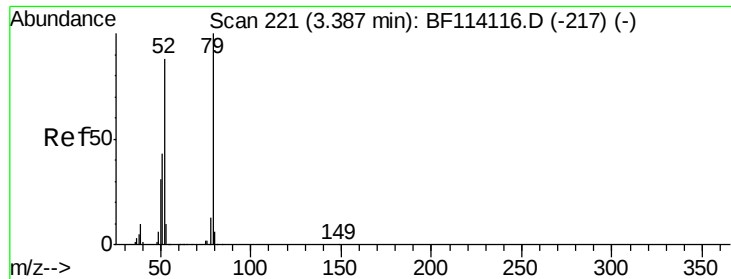


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 50.491 ng

RT: 3.39 min Scan# 222

Delta R.T. 0.01 min

Lab File: BF114117.D

Acq: 10 May 2019 10:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

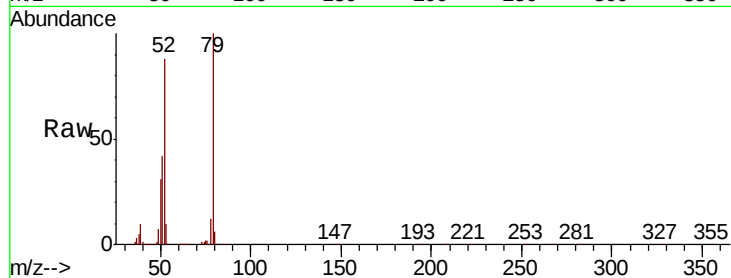
Tot Ion: 79 Resp: 1388295

Ion Ratio Lower Upper

79 100

52 87.8 70.6 105.8

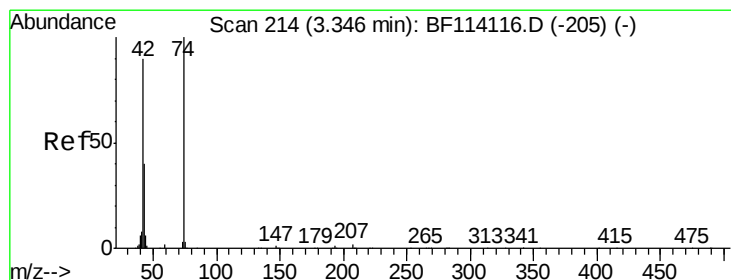
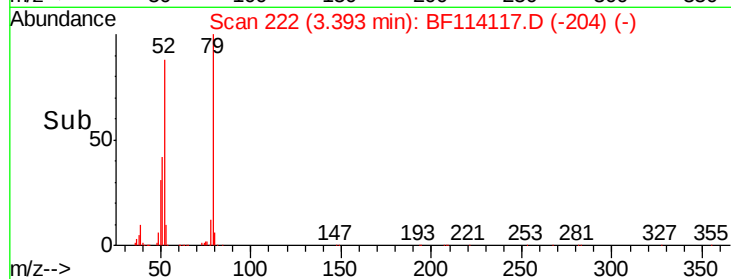
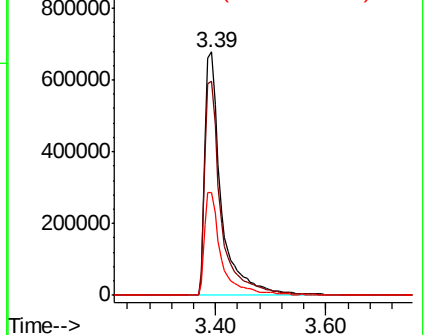
51 42.1 34.2 51.2



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: 73.619 ng

RT: 3.35 min Scan# 215

Delta R.T. 0.01 min

Lab File: BF114117.D

Acq: 10 May 2019 10:59

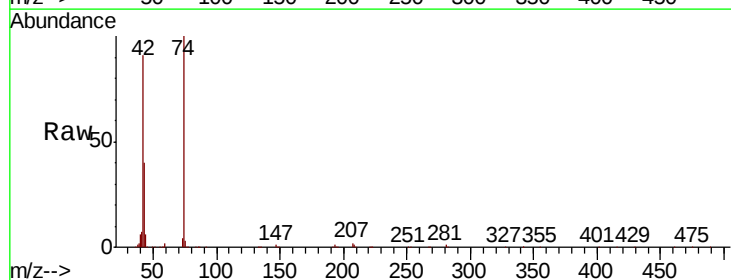
Tgt Ion: 42 Resp: 683496

Ion Ratio Lower Upper

42 100

74 110.5 88.6 132.8

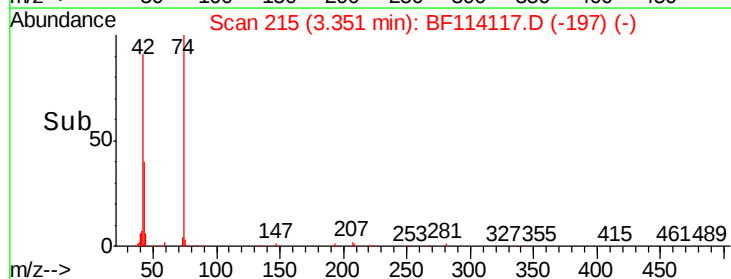
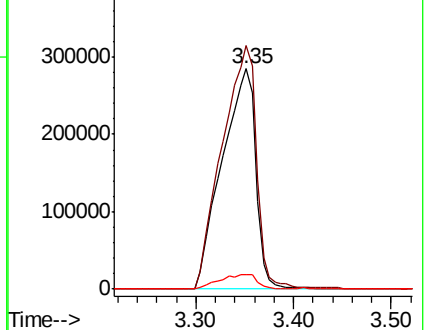
44 6.7 5.5 8.3

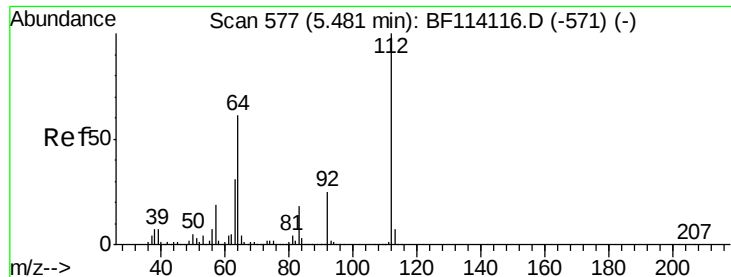


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 89.525 ng

RT: 5.48 min Scan# 577

Delta R.T. -0.00 min

Lab File: BF114117.D

Acq: 10 May 2019 10:59

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

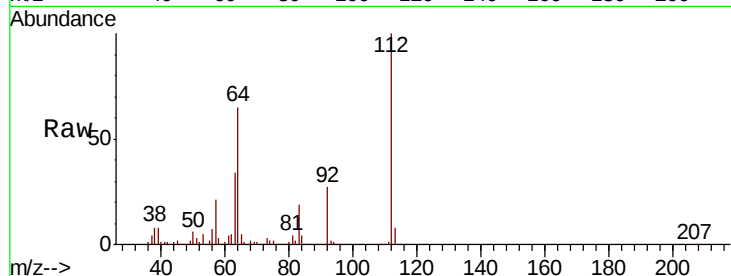
Tot Ion:112 Resp: 1804352

Ion Ratio Lower Upper

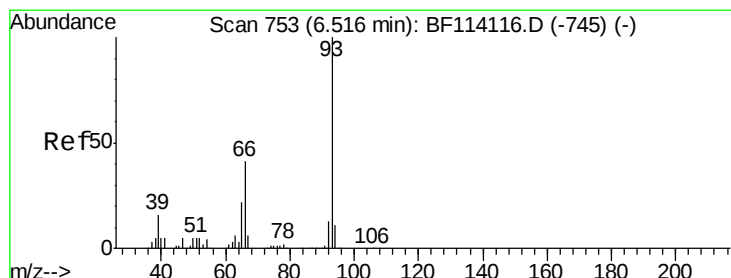
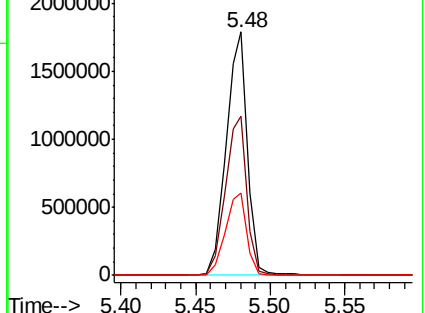
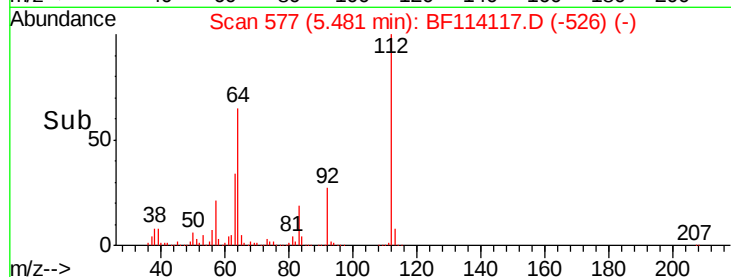
112 100

64 65.4 49.0 73.6

63 33.7 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 50.756 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF114117.D

Acq: 10 May 2019 10:59

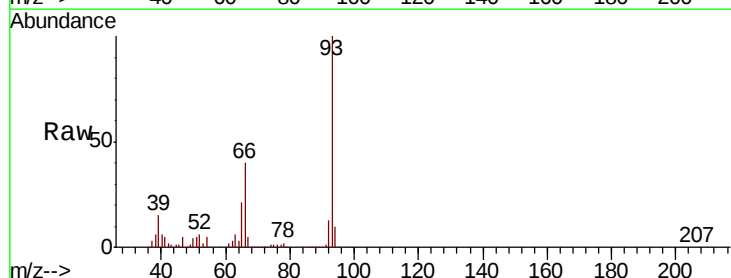
Tgt Ion: 93 Resp: 1723211

Ion Ratio Lower Upper

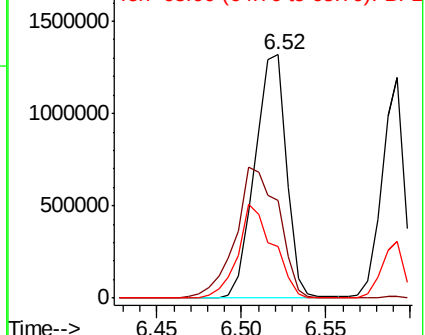
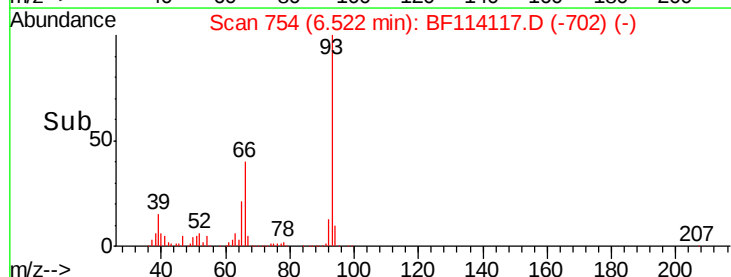
93 100

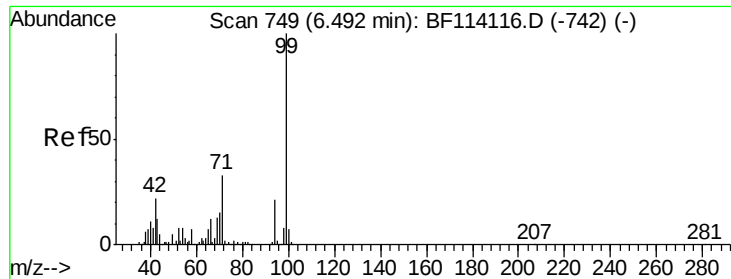
66 40.3 33.2 49.8

65 21.2 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: 93.292 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF114117.D

Acq: 10 May 2019 10:59

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

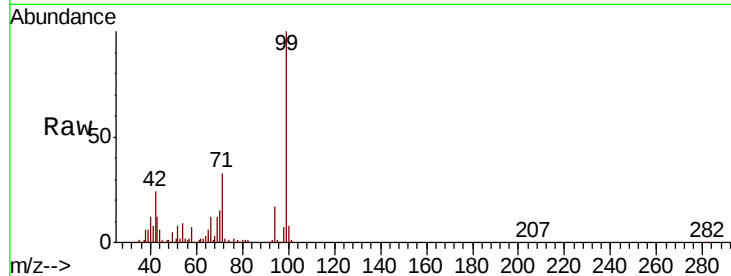
Tot Ion: 99 Resp: 2361788

Ion Ratio Lower Upper

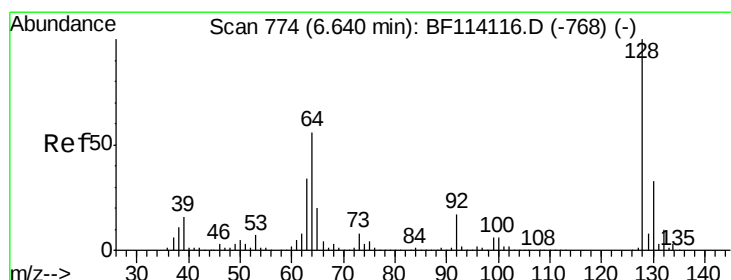
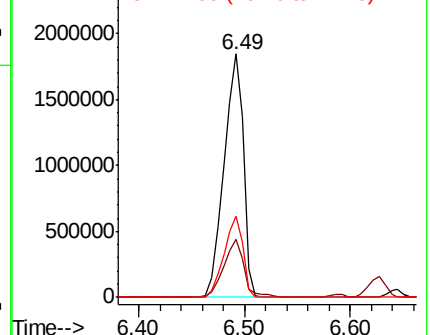
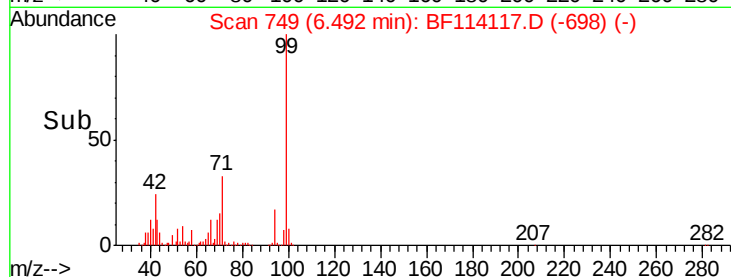
99 100

42 23.6 17.9 26.9

71 33.4 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: 47.719 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF114117.D

Acq: 10 May 2019 10:59

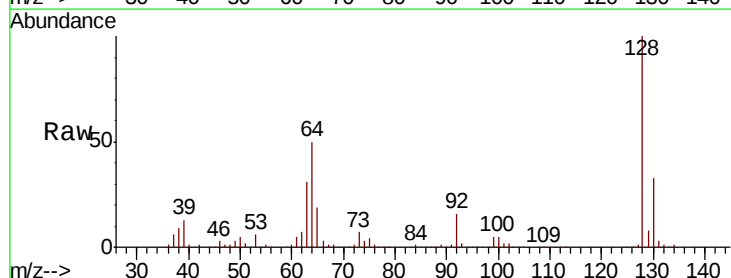
Tgt Ion: 128 Resp: 1092181

Ion Ratio Lower Upper

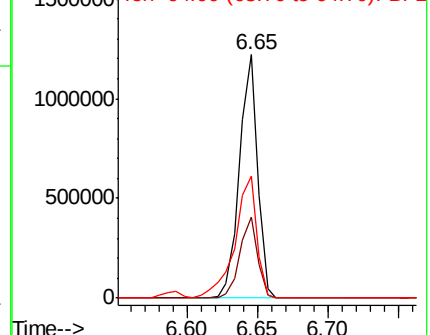
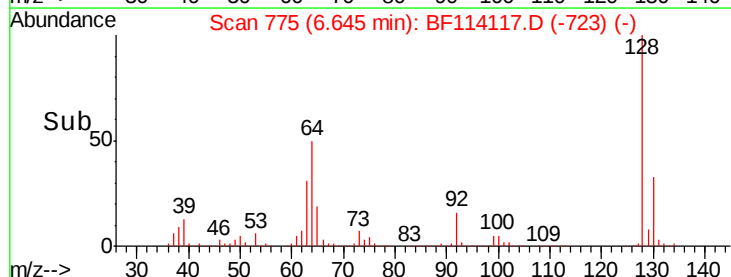
128 100

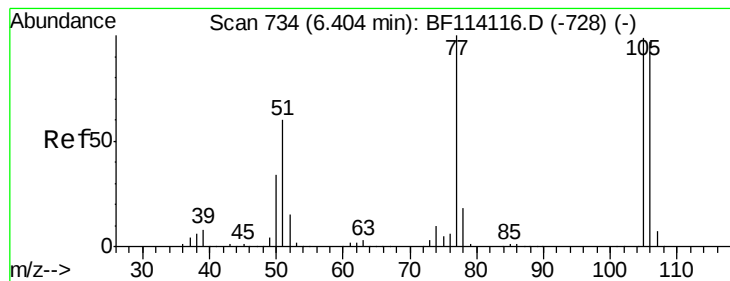
130 33.2 12.6 52.6

64 50.2 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: 61.136 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF114117.D

Acq: 10 May 2019 10:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

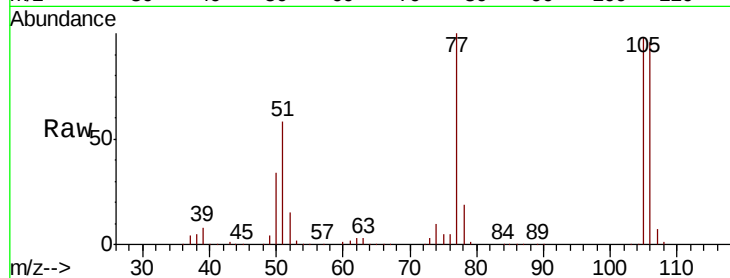
Tot Ion: 77 Resp: 849686

Ion Ratio Lower Upper

77 100

105 97.8 79.3 119.3

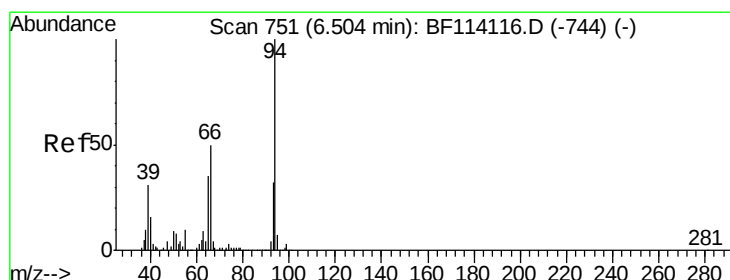
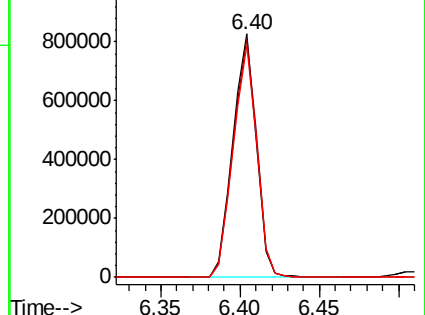
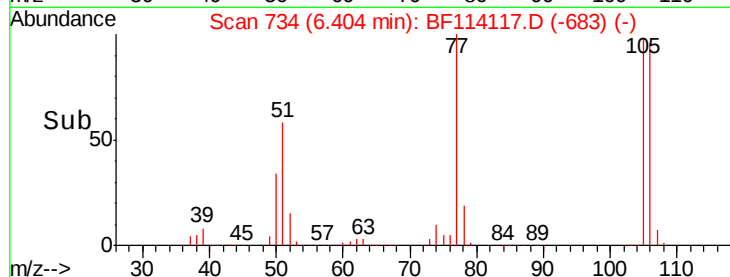
106 95.5 77.0 117.0



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 47.424 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF114117.D

Acq: 10 May 2019 10:59

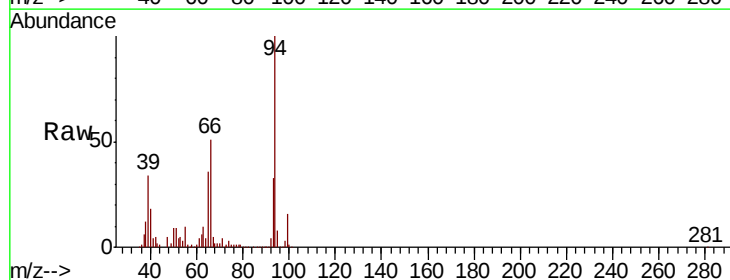
Tgt Ion: 94 Resp: 1399228

Ion Ratio Lower Upper

94 100

65 36.4 14.7 54.7

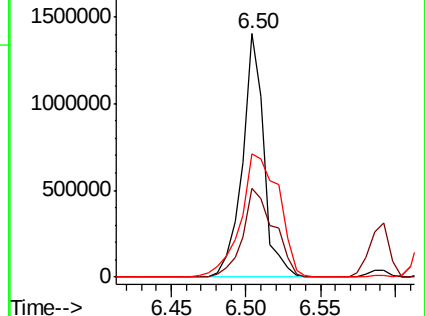
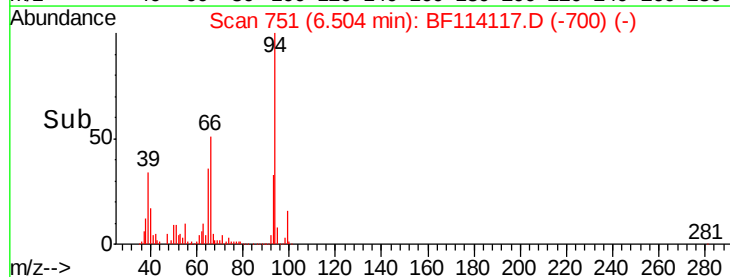
66 50.8 29.6 69.6



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

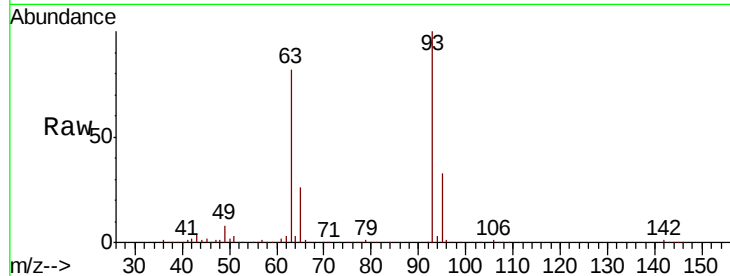




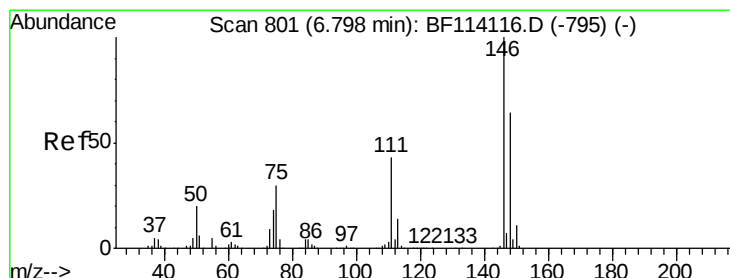
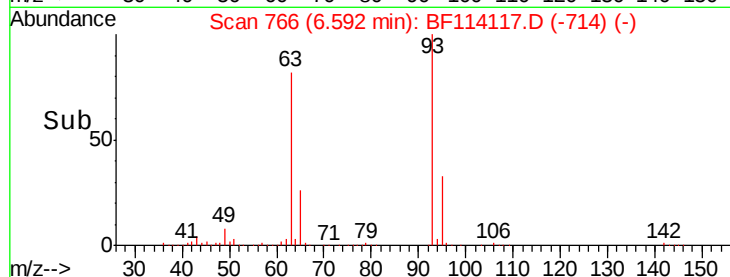
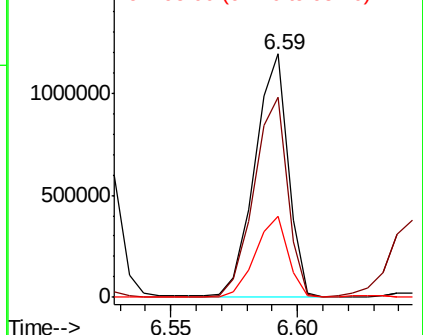
#11
bis(2-Chloroethyl)ether
Concen: 47.805 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.01 min
Lab File: BF114117.D
Acq: 10 May 2019 10:59

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion: 93 Resp: 1094976
Ion Ratio Lower Upper
93 100
63 82.1 63.6 103.6
95 33.2 13.1 53.1

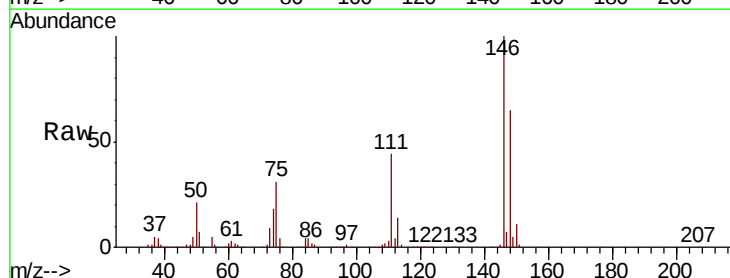


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

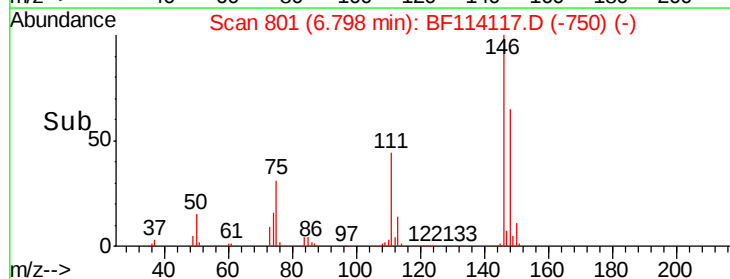
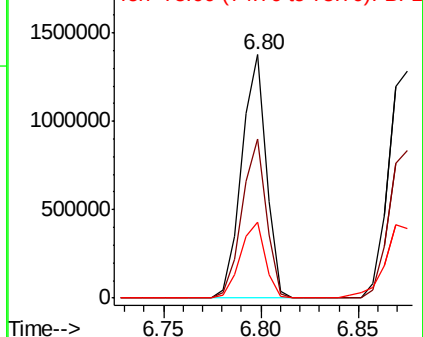


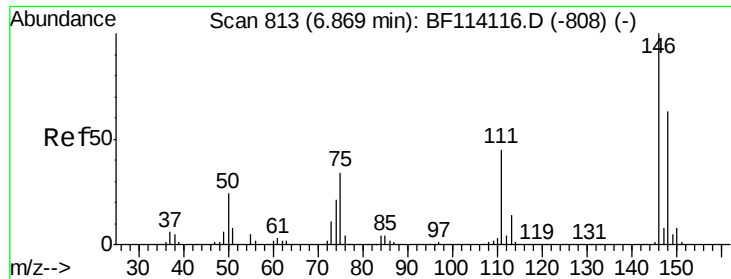
#12
1,3-Dichlorobenzene
Concen: 47.841 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF114117.D
Acq: 10 May 2019 10:59

Tgt Ion: 146 Resp: 1206378
Ion Ratio Lower Upper
146 100
148 65.4 51.6 77.4
75 31.4 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

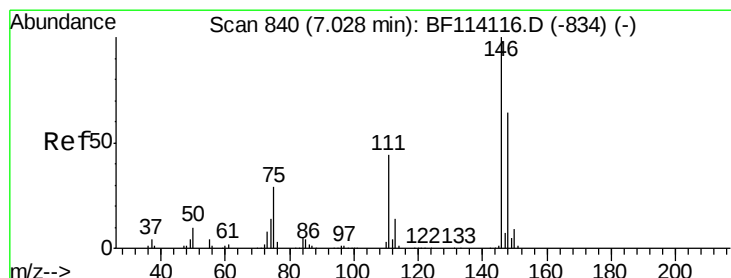
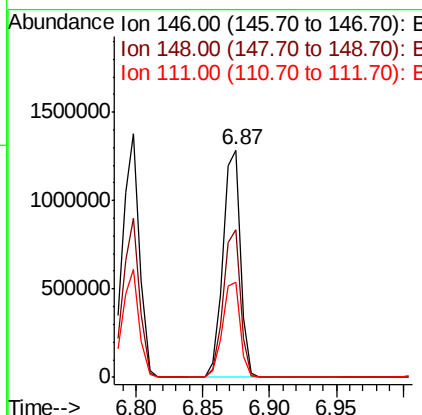
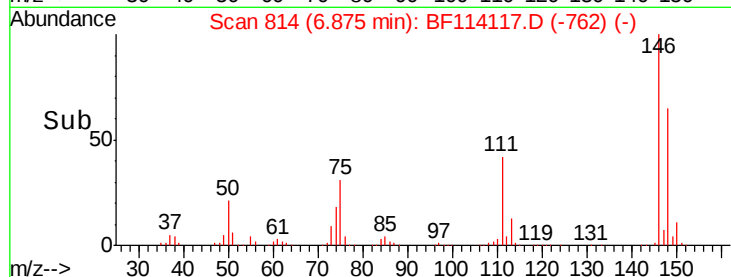
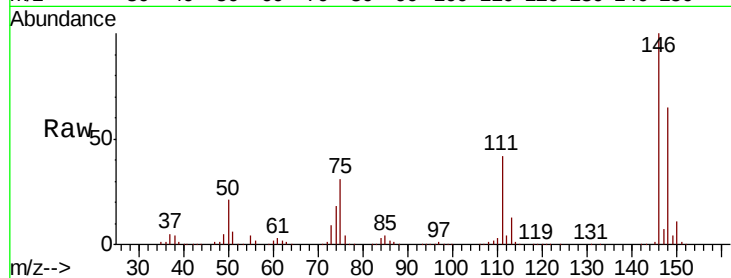




#13
 1,4-Dichlorobenzene
 Concen: 47.401 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.01 min
 Lab File: BF114117.D
 Acq: 10 May 2019 10:59

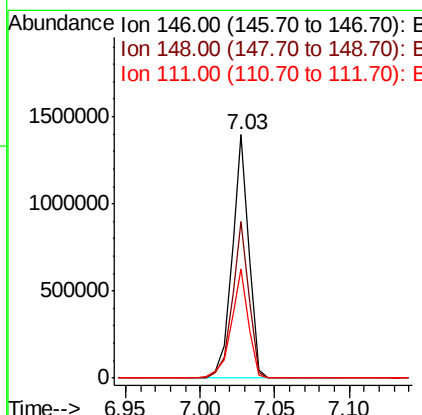
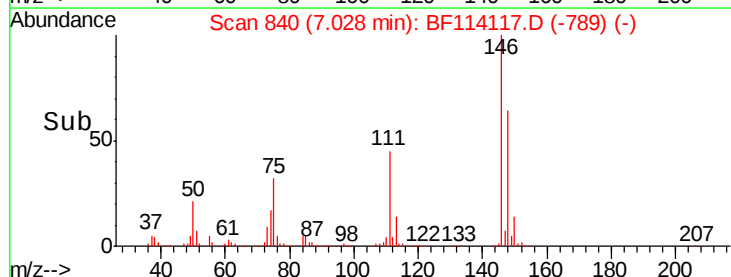
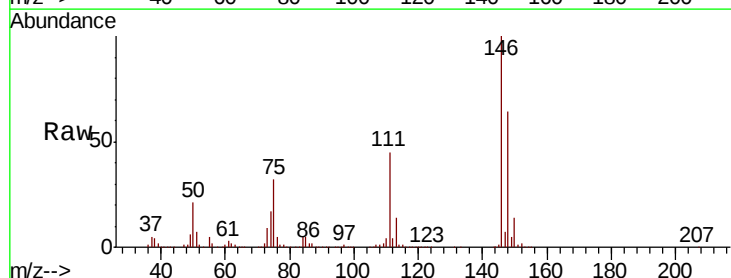
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:146 Resp: 1200263
 Ion Ratio Lower Upper
 146 100
 148 64.8 50.2 75.2
 111 42.1 35.8 53.6



#14
 1,2-Dichlorobenzene
 Concen: 48.585 ng
 RT: 7.03 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BF114117.D
 Acq: 10 May 2019 10:59

Tgt Ion:146 Resp: 1100327
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.1 76.7
 111 45.0 35.3 52.9





#15

Benzyl Alcohol

Concen: 51.669 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.01 min

Lab File: BF114117.D

Acq: 10 May 2019 10:59

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

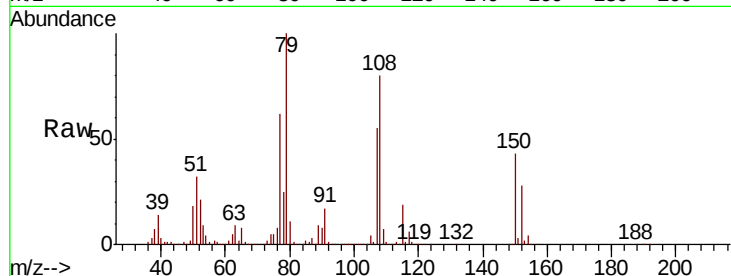
Tot Ion: 79 Resp: 977097

Ion Ratio Lower Upper

79 100

108 79.6 62.1 93.1

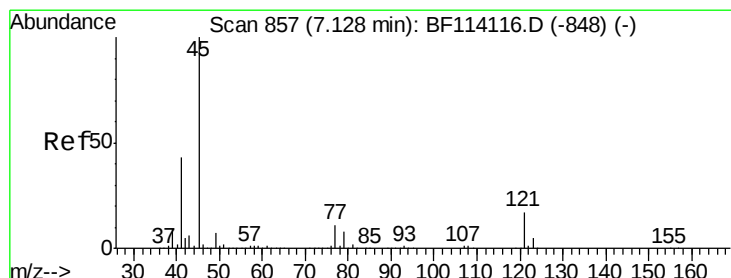
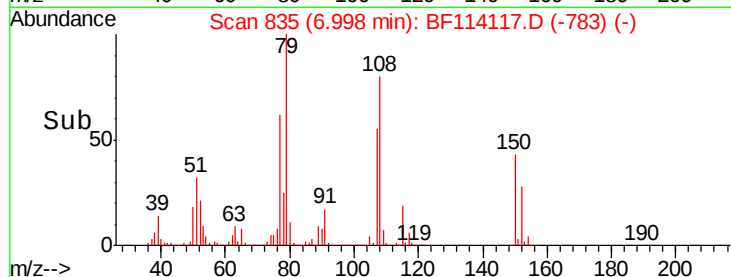
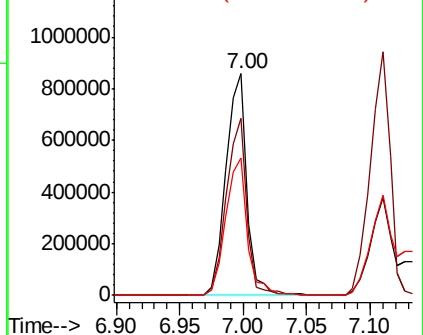
77 62.0 51.0 76.6



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: 89.237 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF114117.D

Acq: 10 May 2019 10:59

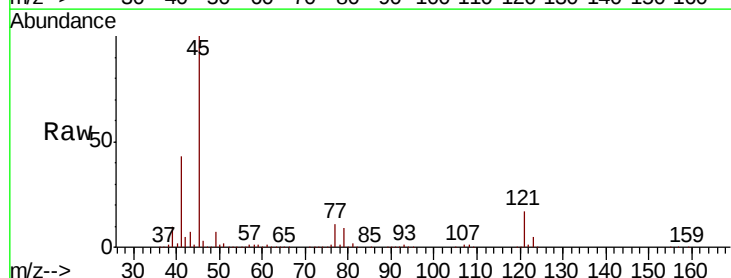
Tgt Ion: 45 Resp: 2057912

Ion Ratio Lower Upper

45 100

77 11.1 0.0 31.1

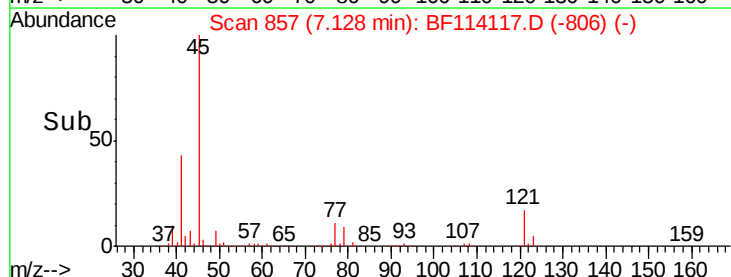
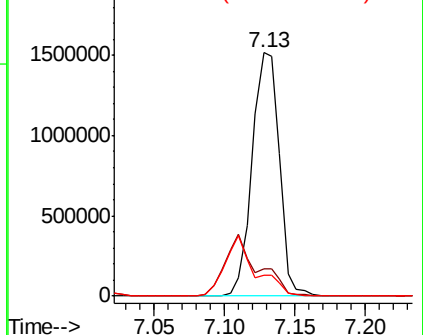
79 8.6 0.0 28.4

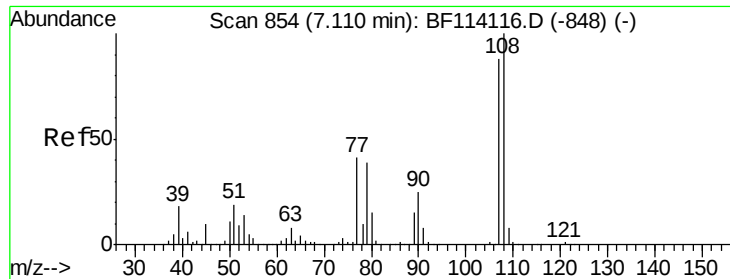


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

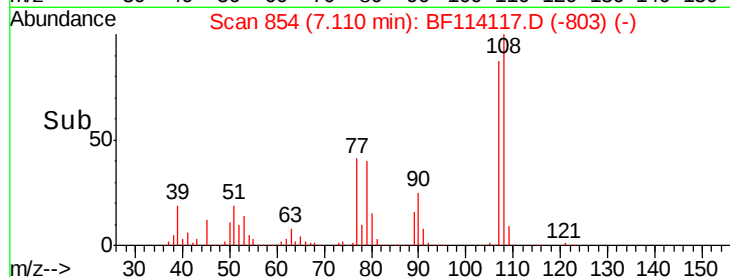
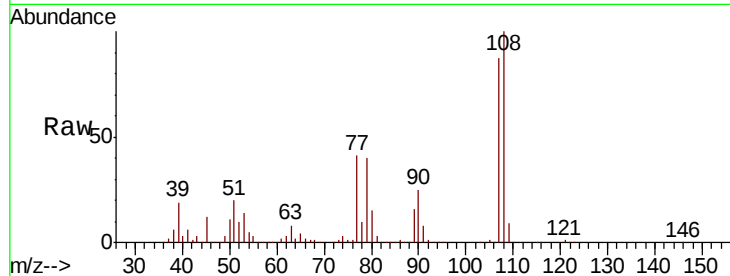




#17
2-Methylphenol
Concen: 50.865 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF114117.D
Acq: 10 May 2019 10:59

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.5	90.5	135.7
77	47.5	37.0	55.4
79	46.3	35.8	53.8



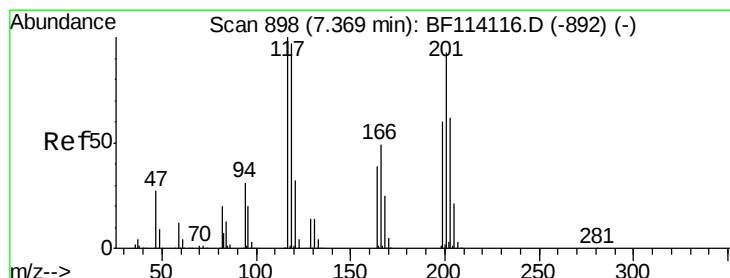
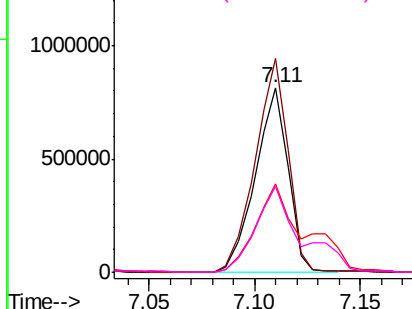
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

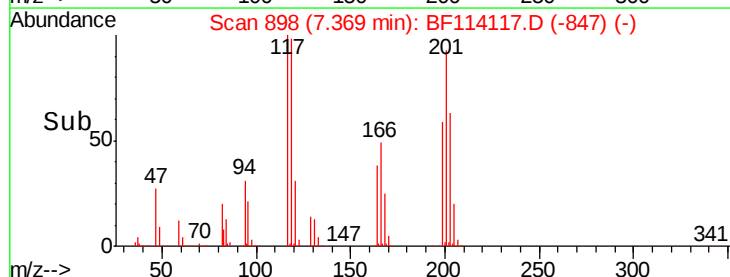
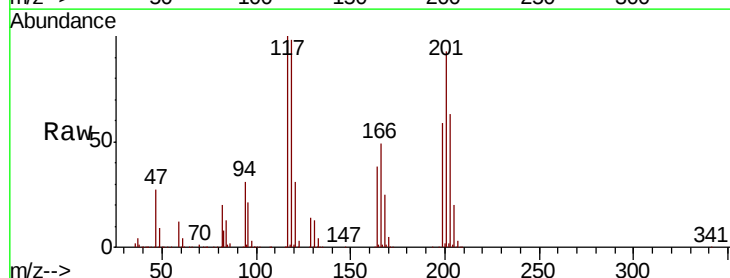
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 51.696 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF114117.D
Acq: 10 May 2019 10:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.1	77.4	116.2
201	93.4	74.5	111.7

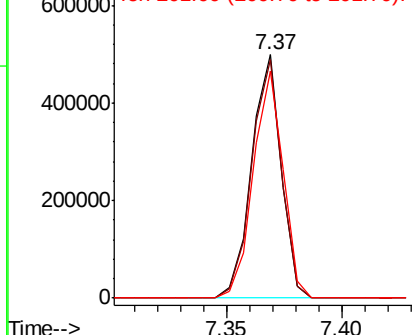


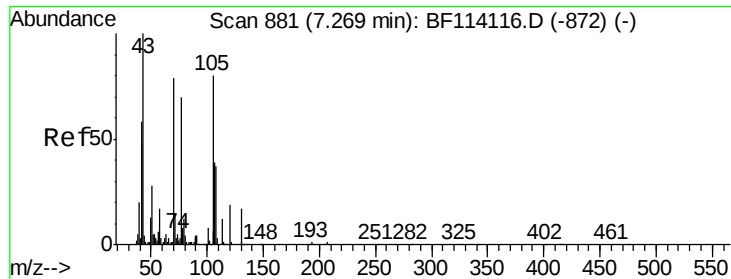
Abundance

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

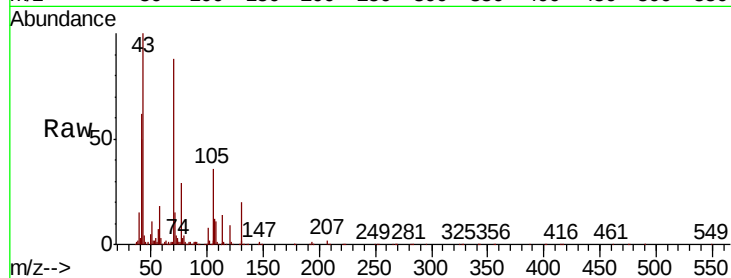




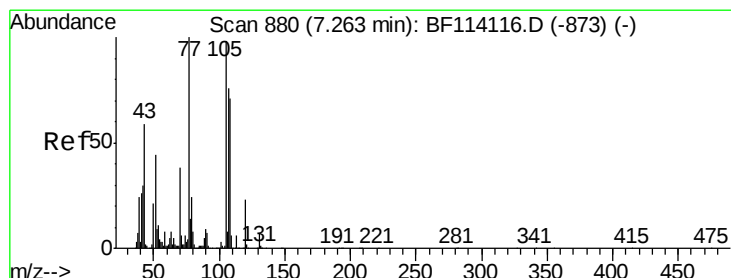
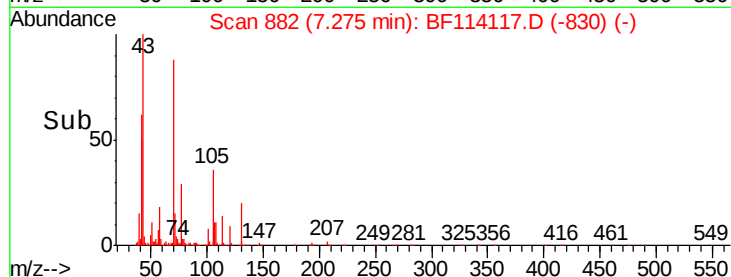
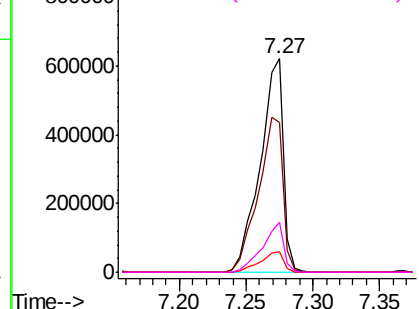
#19
n-Nitroso-di-n-propylamine
Concen: 48.049 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF114117.D
Acq: 10 May 2019 10:59

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion: 70 Resp: 736569
Ion Ratio Lower Upper
70 100
42 70.2 58.6 87.8
101 9.7 7.8 11.8
130 23.3 17.1 25.7

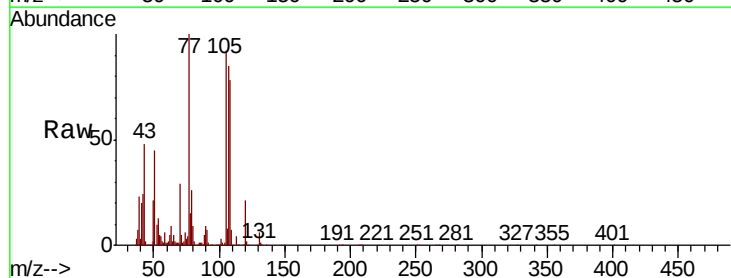


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

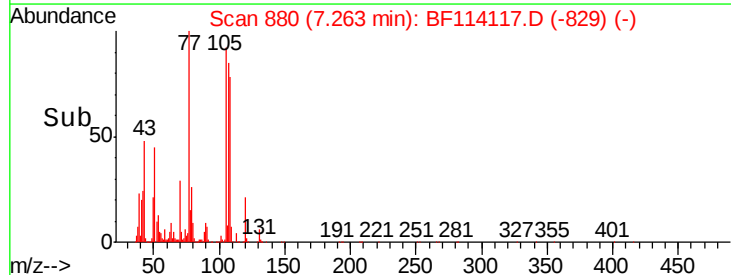
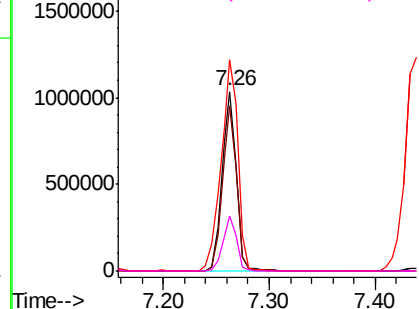


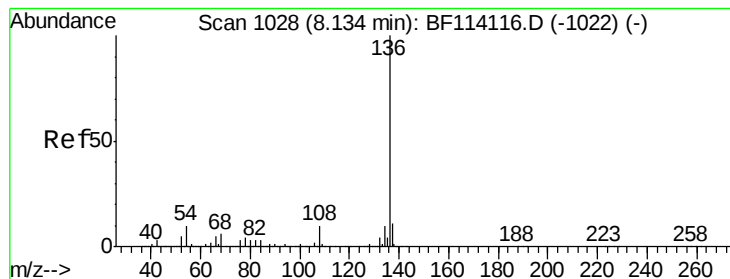
#20
3+4-Methylphenols
Concen: 46.992 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF114117.D
Acq: 10 May 2019 10:59

Tgt Ion: 107 Resp: 992306
Ion Ratio Lower Upper
107 100
108 92.2 73.8 113.8
77 117.6 111.5 151.5
79 30.6 12.0 52.0



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF114117.D

Acq: 10 May 2019 10:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:136 Resp: 1239361

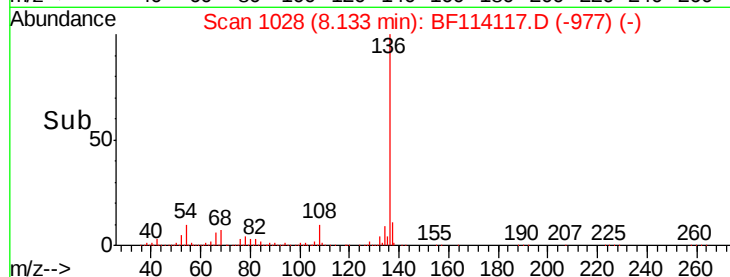
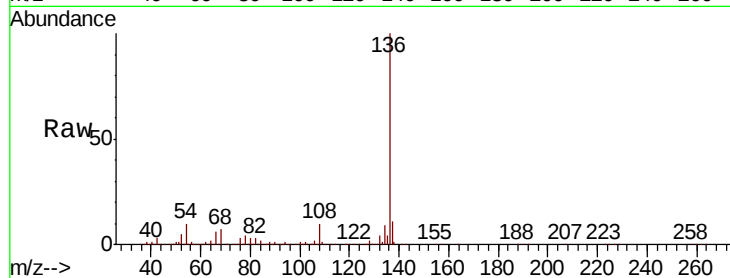
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 10.0 7.8 11.8

68 6.5 5.1 7.7

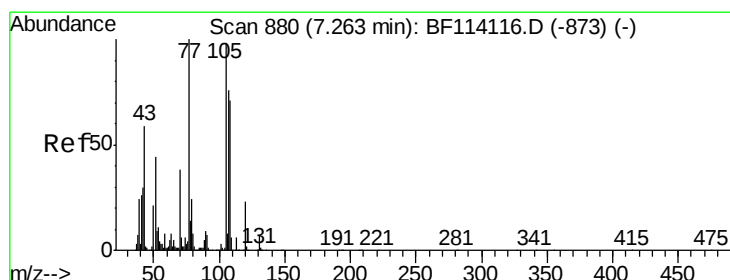
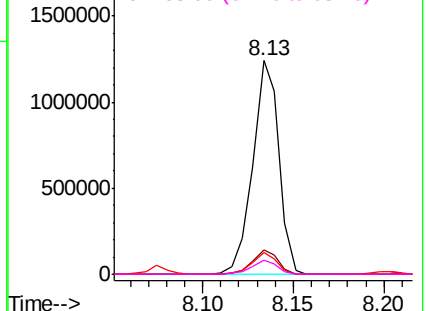


Abundance Ion 136.00 (135.70 to 136.70): E

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: 46.845 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.00 min

Lab File: BF114117.D

Acq: 10 May 2019 10:59

Tgt Ion:105 Resp: 1363968

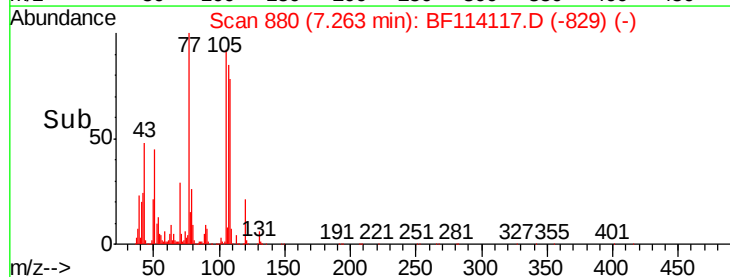
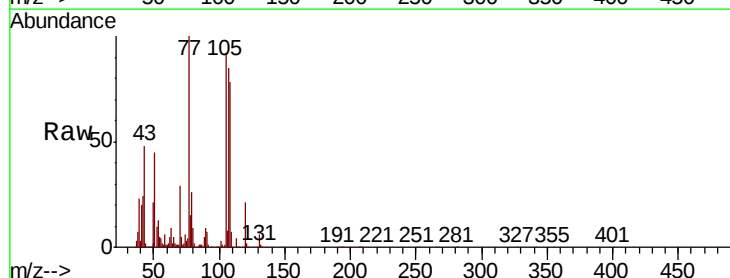
Ion Ratio Lower Upper

105 100

71 5.5 5.3 7.9

51 49.0 36.2 54.4

120 22.4 18.6 28.0

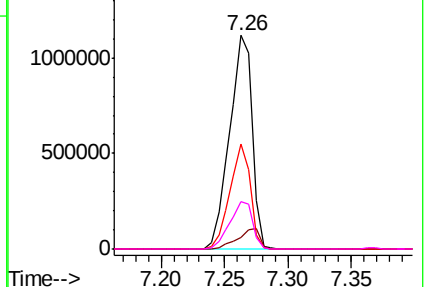


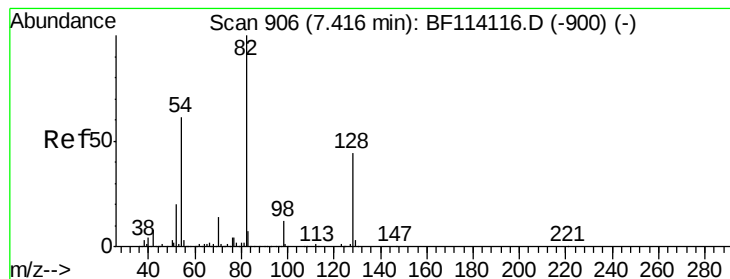
Abundance Ion 105.00 (104.70 to 105.70): E

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: 97.303 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.00 min

Lab File: BF114117.D

Acq: 10 May 2019 10:59

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

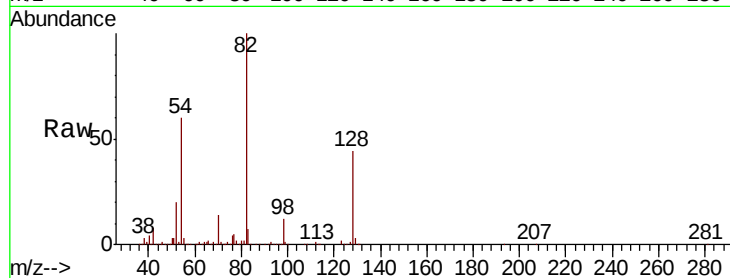
Tot Ion: 82 Resp: 2193549

Ion Ratio Lower Upper

82 100

128 44.5 35.5 53.3

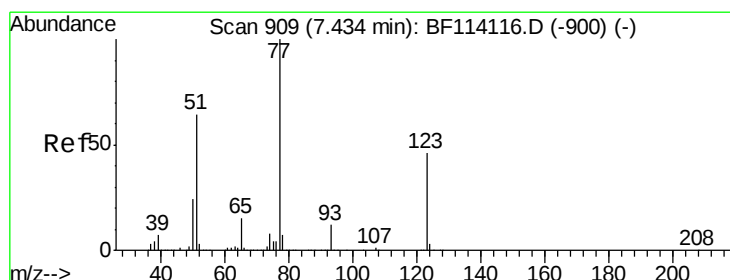
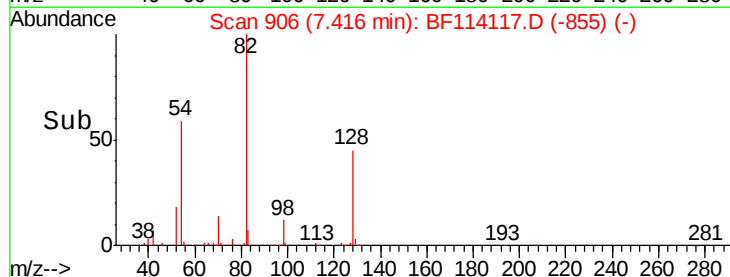
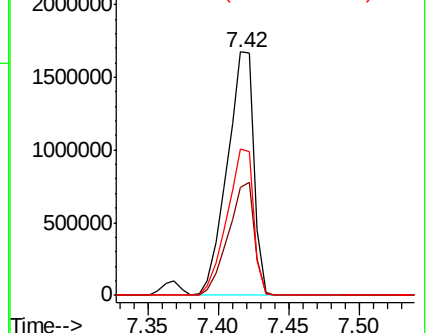
54 60.2 48.5 72.7



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 49.129 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.01 min

Lab File: BF114117.D

Acq: 10 May 2019 10:59

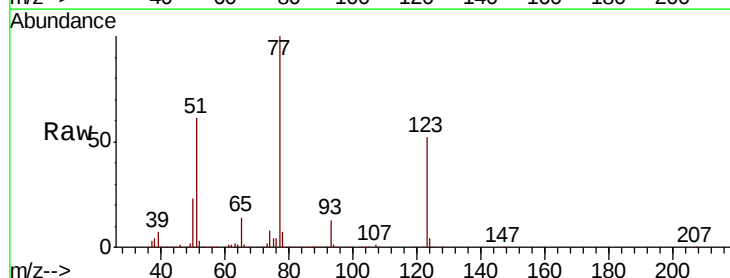
Tgt Ion: 77 Resp: 1173465

Ion Ratio Lower Upper

77 100

123 51.6 36.9 55.3

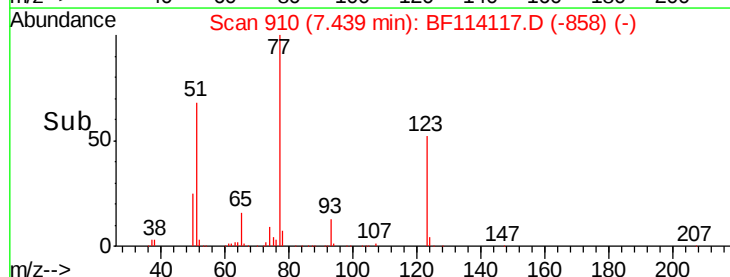
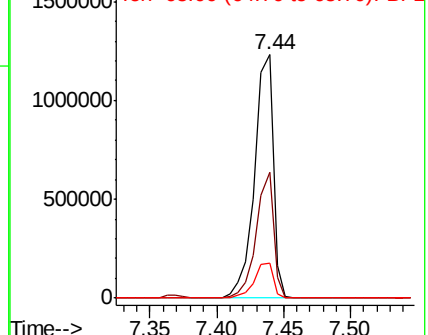
65 14.1 11.8 17.6

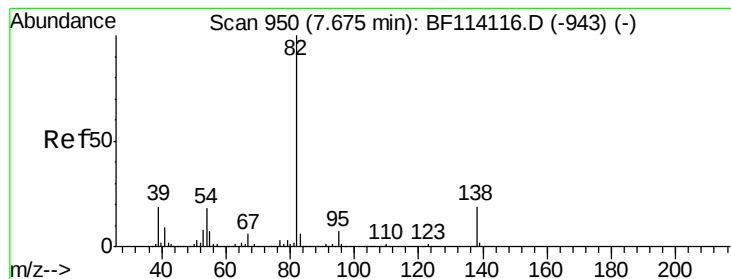


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 46.275 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.00 min

Lab File: BF114117.D

Acq: 10 May 2019 10:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

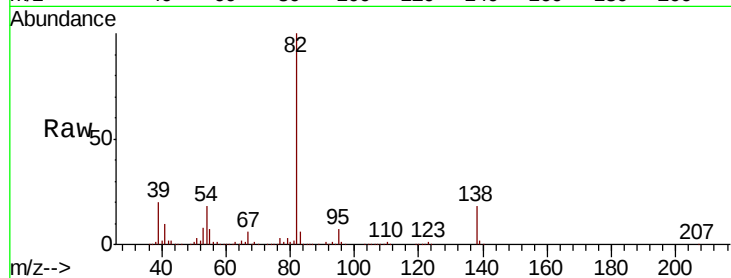
Tot Ion: 82 Resp: 2031355

Ion Ratio Lower Upper

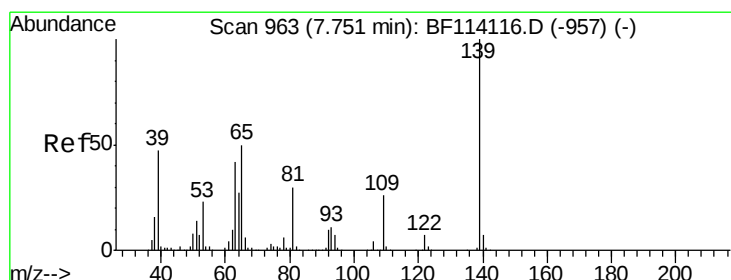
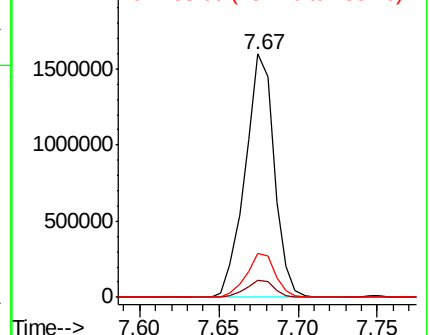
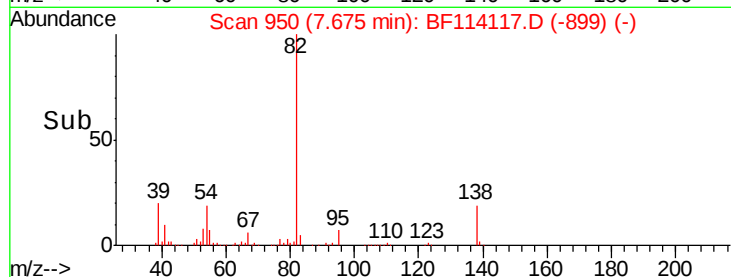
82 100

95 6.9 5.6 8.4

138 18.1 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: 45.704 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF114117.D

Acq: 10 May 2019 10:59

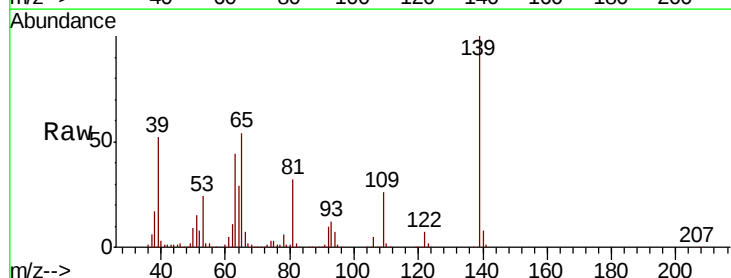
Tgt Ion: 139 Resp: 559452

Ion Ratio Lower Upper

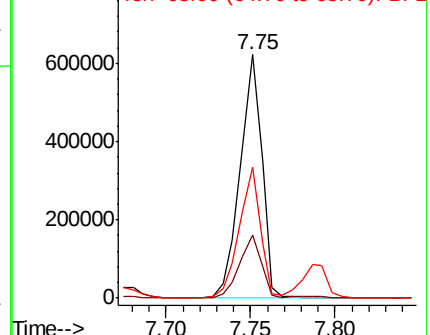
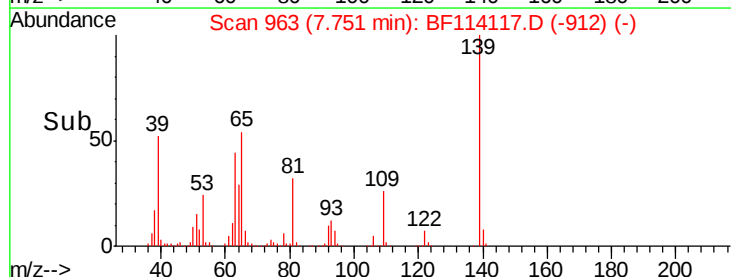
139 100

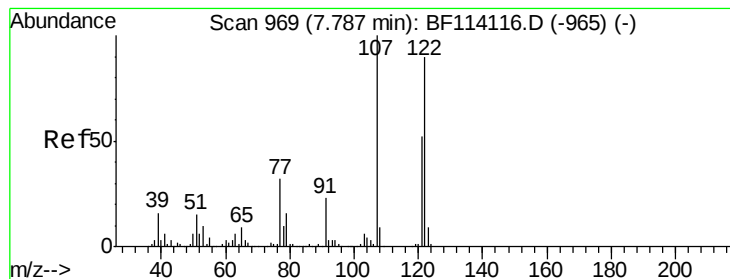
109 26.1 20.7 31.1

65 53.7 40.2 60.2



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





#27

2,4-Dimethylphenol

Concen: 53.491 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF114117.D

Acq: 10 May 2019 10:59

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

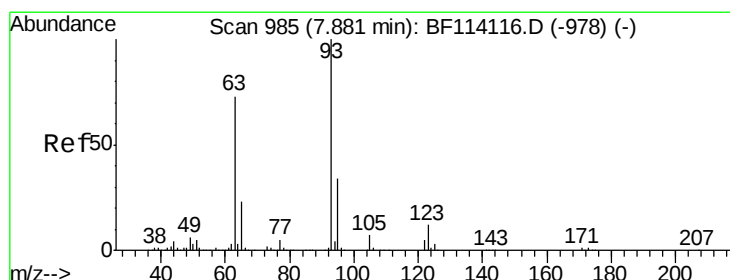
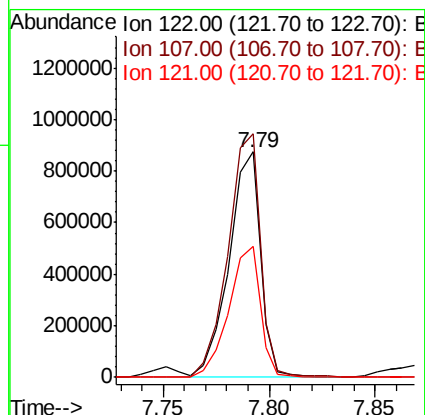
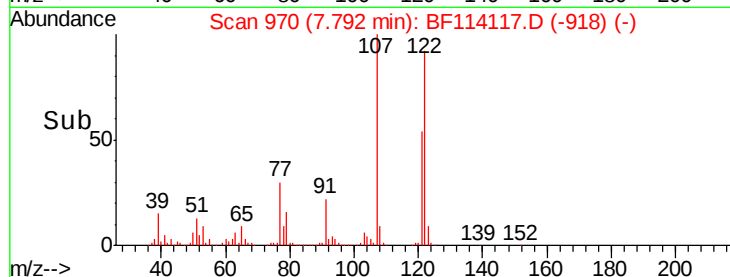
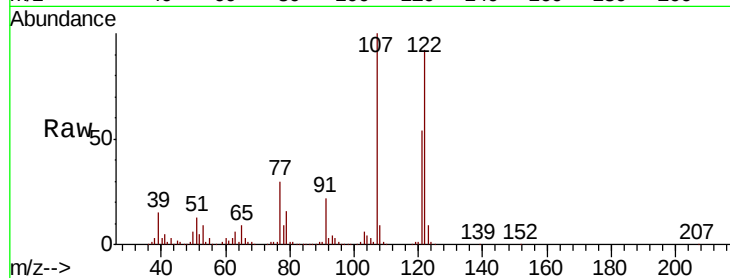
Tot Ion:122 Resp: 886941

Ion Ratio Lower Upper

122 100

107 108.2 88.4 132.6

121 58.0 45.9 68.9



#28

bis(2-Chloroethoxy)methane

Concen: 49.953 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.00 min

Lab File: BF114117.D

Acq: 10 May 2019 10:59

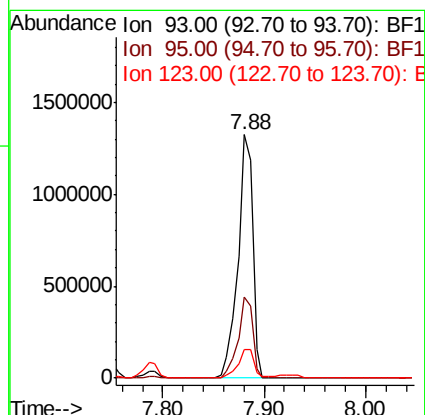
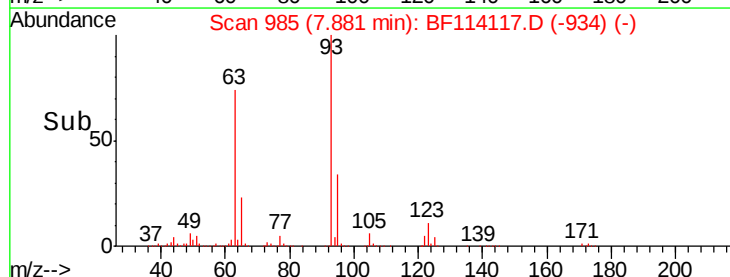
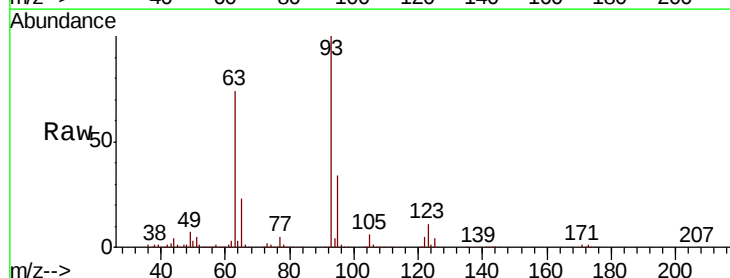
Tgt Ion: 93 Resp: 1340490

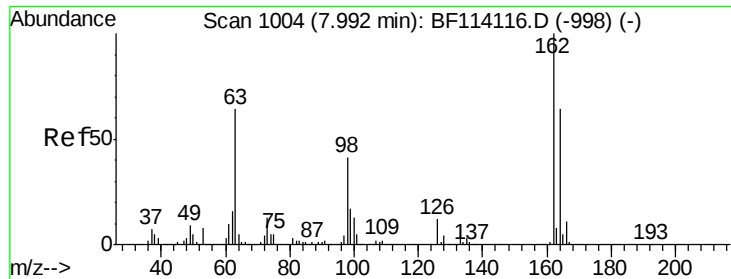
Ion Ratio Lower Upper

93 100

95 33.5 26.8 40.2

123 11.5 9.5 14.3

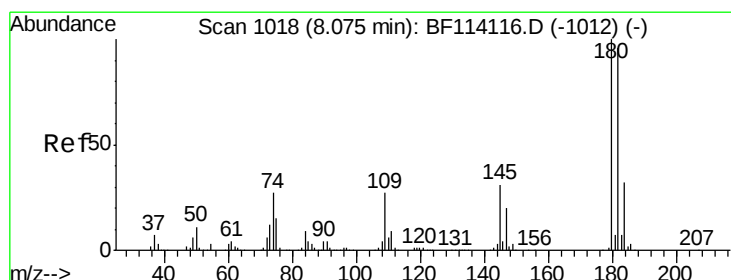
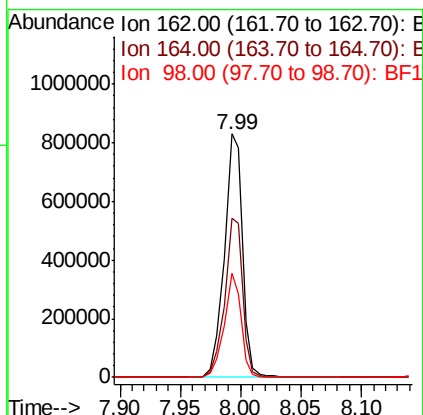
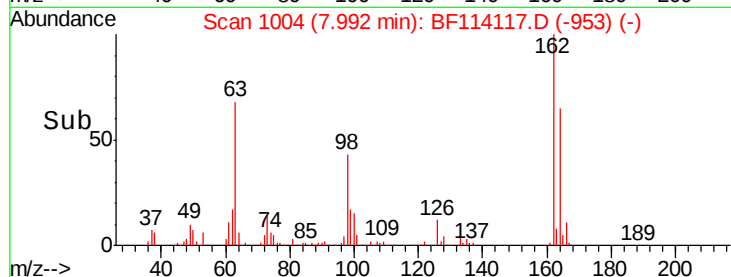
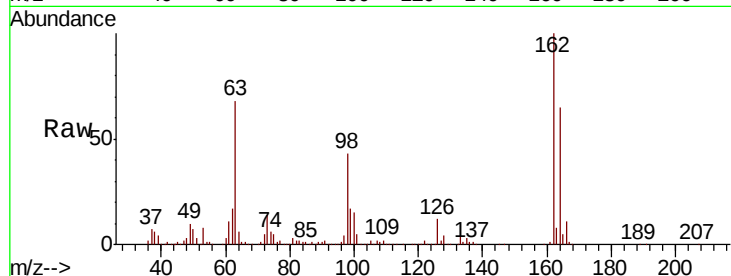




#29
2,4-Dichlorophenol
Concen: 44.899 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BF114117.D
Acq: 10 May 2019 10:59

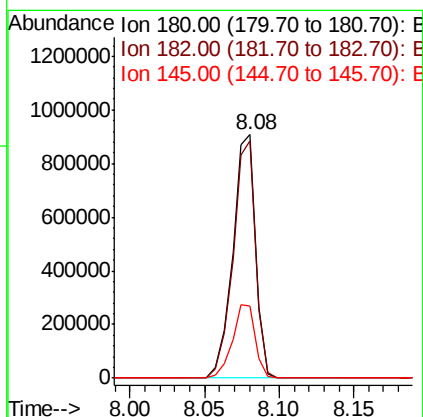
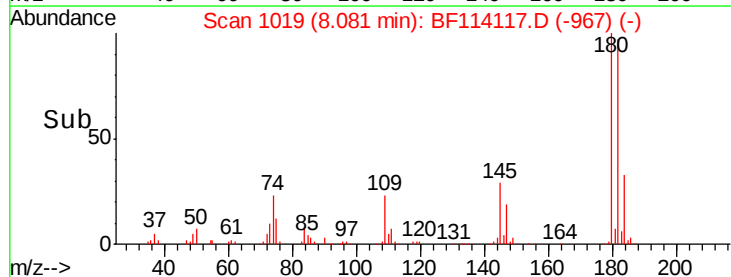
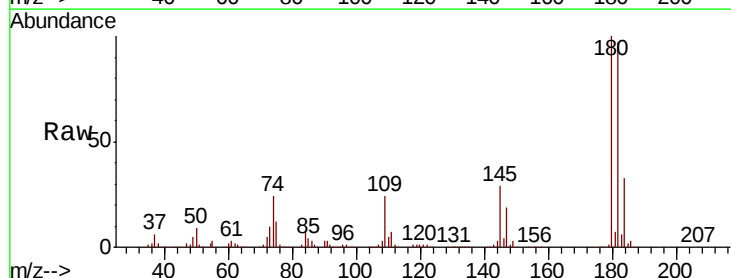
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	43.6	83.6
98	42.9	20.6	60.6



#30
1,2,4-Trichlorobenzene
Concen: 45.180 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BF114117.D
Acq: 10 May 2019 10:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.2	76.6	114.8
145	29.5	25.1	37.7

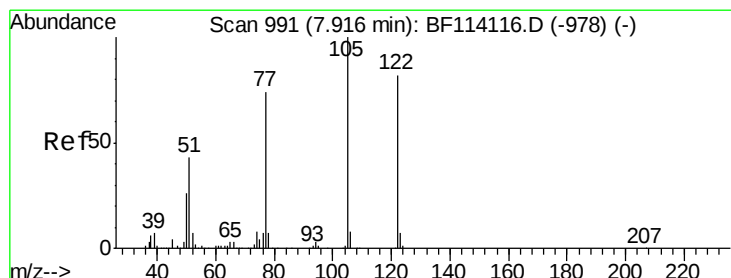
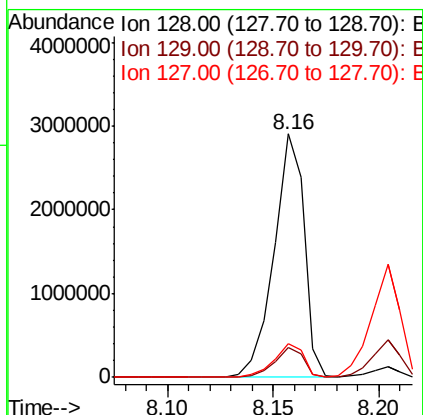
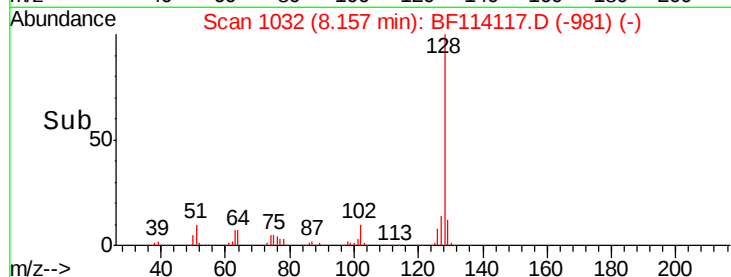
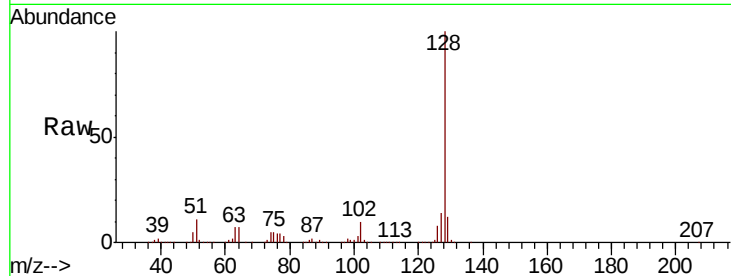




#31
Naphthalene
Concen: 48.231 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF114117.D
Acq: 10 May 2019 10:59

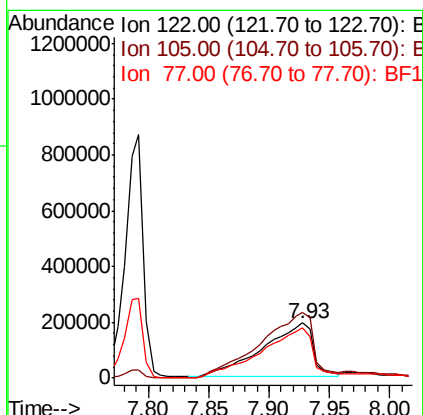
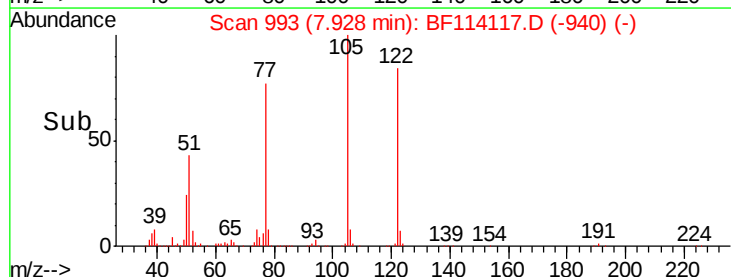
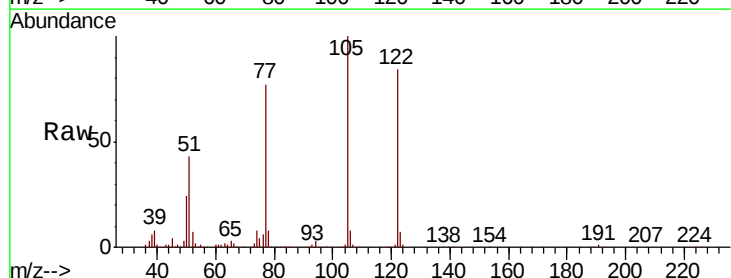
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:128 Resp: 2894081
Ion Ratio Lower Upper
128 100
129 12.4 9.6 14.4
127 13.9 11.3 16.9



#32
Benzoic acid
Concen: 49.857 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.01 min
Lab File: BF114117.D
Acq: 10 May 2019 10:59

Tgt Ion:122 Resp: 570215
Ion Ratio Lower Upper
122 100
105 118.5 99.9 139.9
77 91.1 69.4 109.4

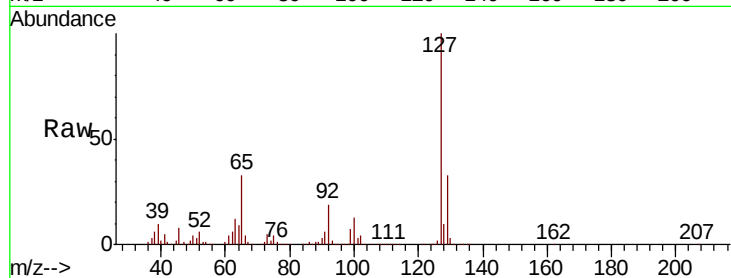




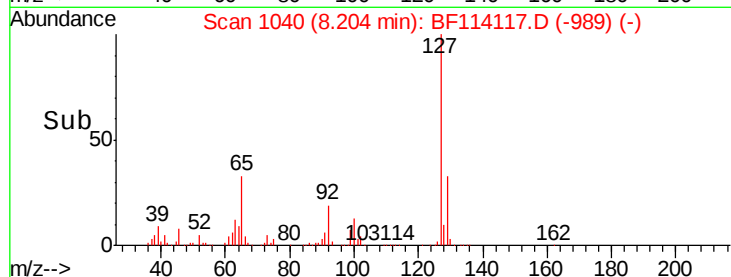
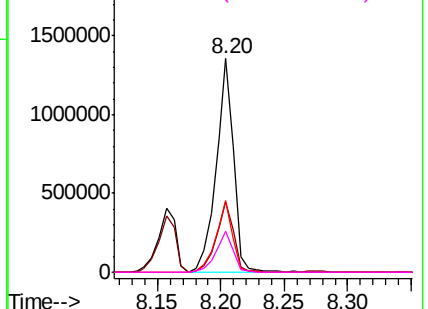
#33
4-Chloroaniline
Concen: 53.505 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF114117.D
Acq: 10 May 2019 10:59

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:127	Resp: 1311426
Ion Ratio	Lower Upper
127 100	
129 32.8	26.7 40.1
65 33.3	25.4 38.0
92 19.4	15.4 23.2

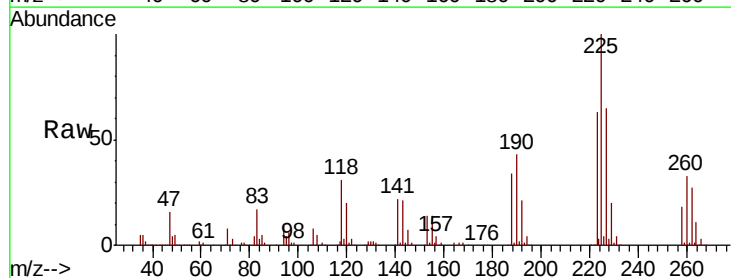


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

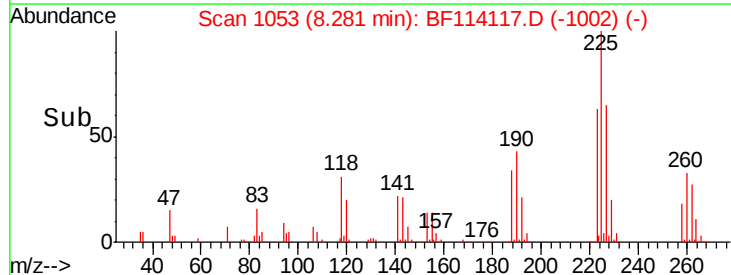
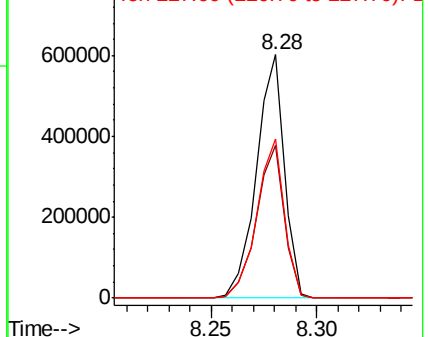


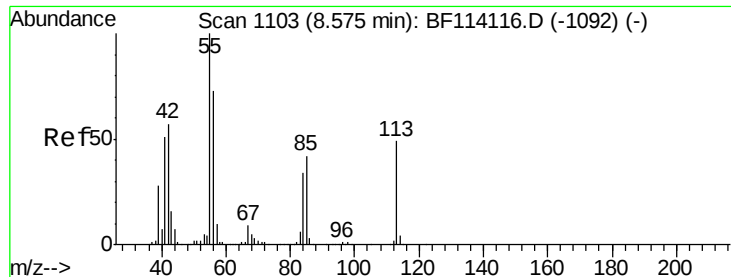
#34
Hexachlorobutadiene
Concen: 41.942 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BF114117.D
Acq: 10 May 2019 10:59

Tgt	Ion:225	Resp:	555521
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.2	75.2
227	65.2	52.6	79.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

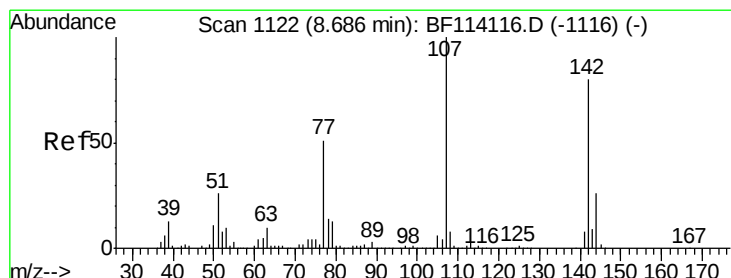
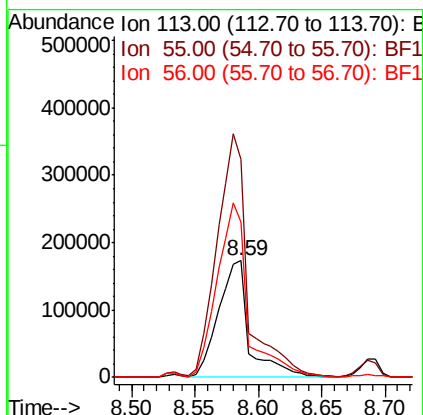
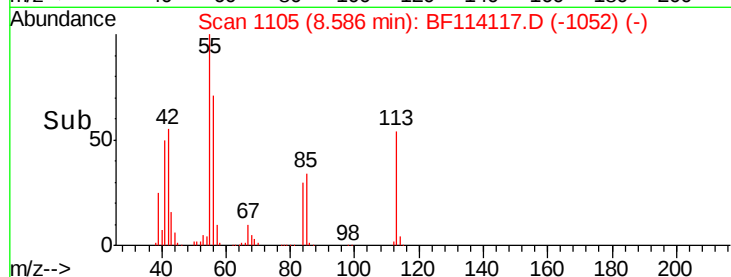
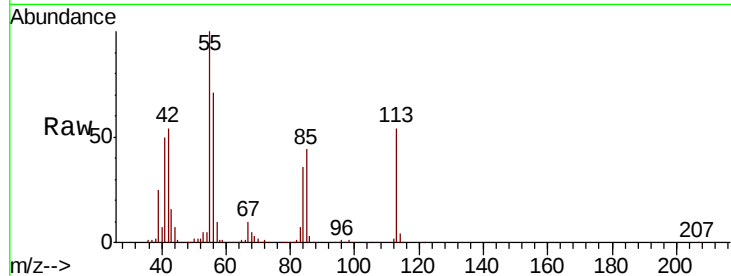




#35
Caprolactam
Concen: 51.526 ng
RT: 8.59 min Scan# 1105
Delta R.T. 0.01 min
Lab File: BF114117.D
Acq: 10 May 2019 10:59

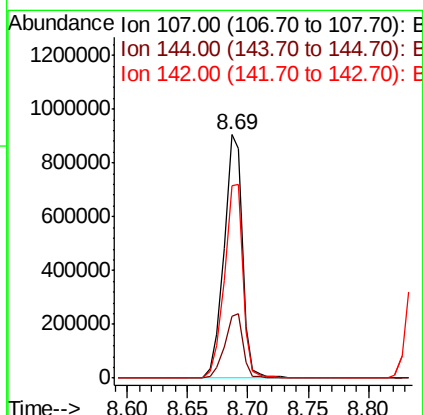
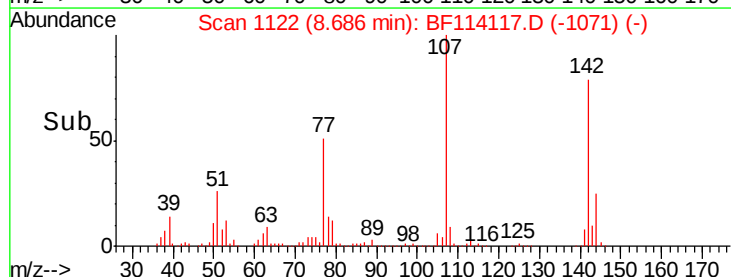
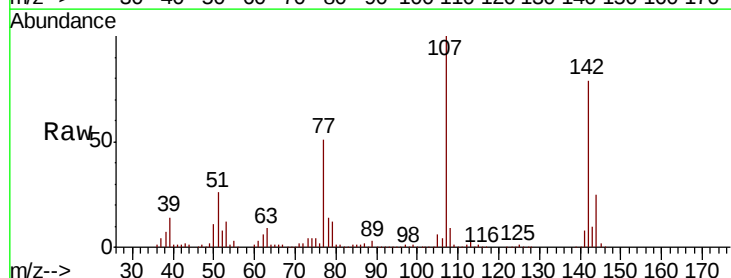
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

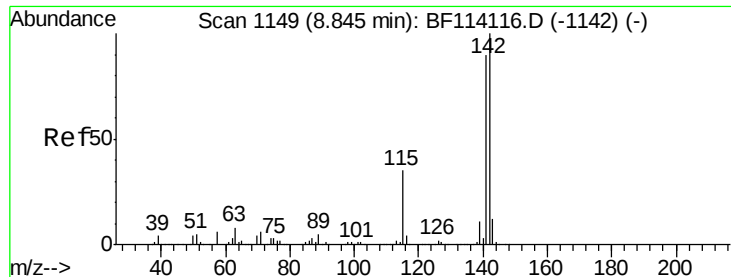
Tot Ion:113 Resp: 290825
Ion Ratio Lower Upper
113 100
55 186.9 183.5 223.5
56 133.2 128.8 168.8



#36
4-Chloro-3-methylphenol
Concen: 51.039 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BF114117.D
Acq: 10 May 2019 10:59

Tgt Ion:107 Resp: 959179
Ion Ratio Lower Upper
107 100
144 25.3 20.4 30.6
142 78.9 64.2 96.4

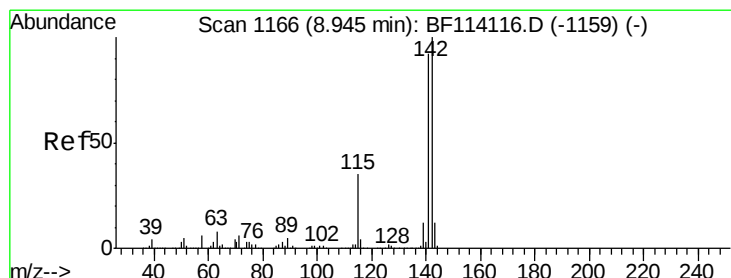
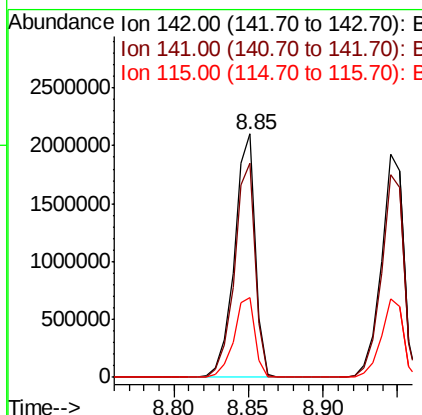
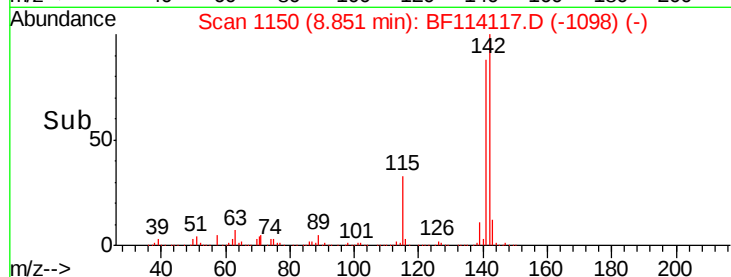
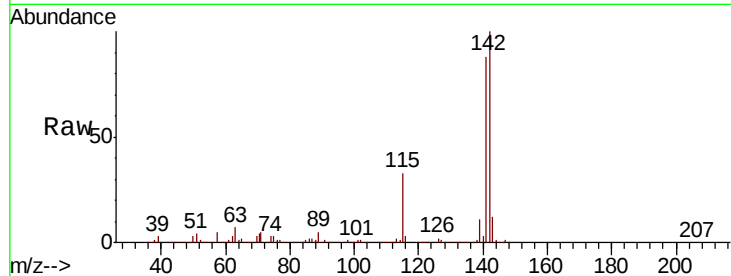




#37
2-Methylnaphthalene
Concen: 51.196 ng
RT: 8.85 min Scan# 1150
Delta R.T. 0.01 min
Lab File: BF114117.D
Acq: 10 May 2019 10:59

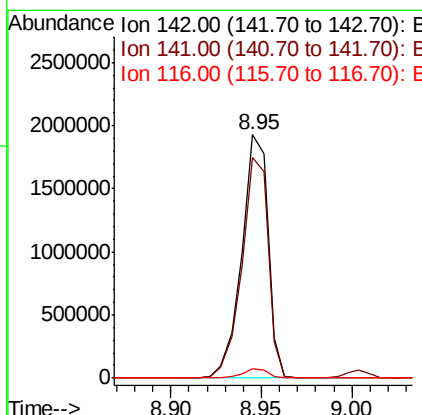
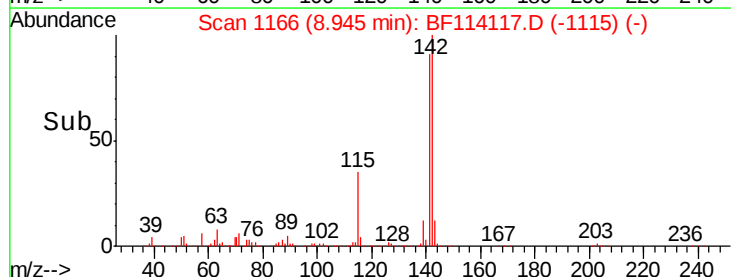
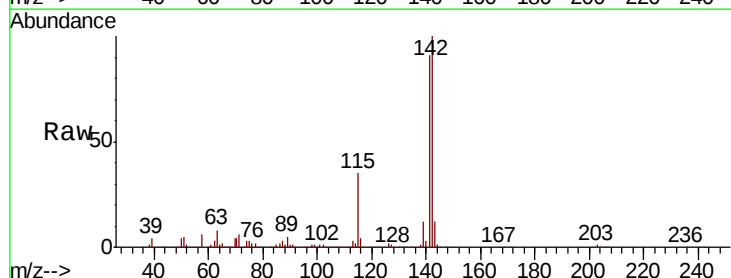
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

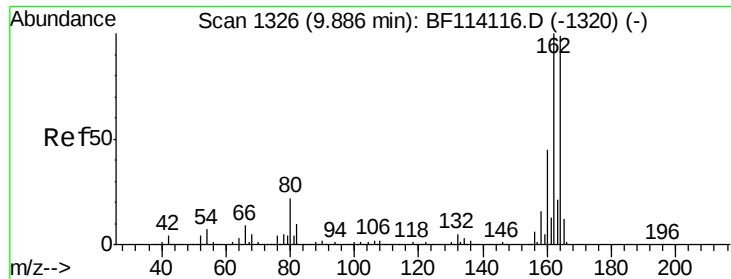
Tot Ion:142 Resp: 2051186
Ion Ratio Lower Upper
142 100
141 87.8 72.1 108.1
115 32.9 28.0 42.0



#38
1-Methylnaphthalene
Concen: 50.161 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BF114117.D
Acq: 10 May 2019 10:59

Tgt Ion:142 Resp: 1944220
Ion Ratio Lower Upper
142 100
141 90.8 73.4 110.0
116 3.8 3.1 4.7

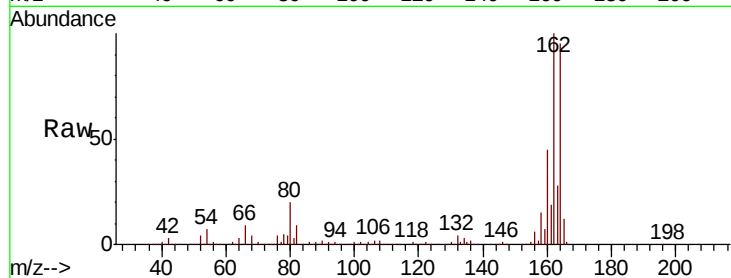




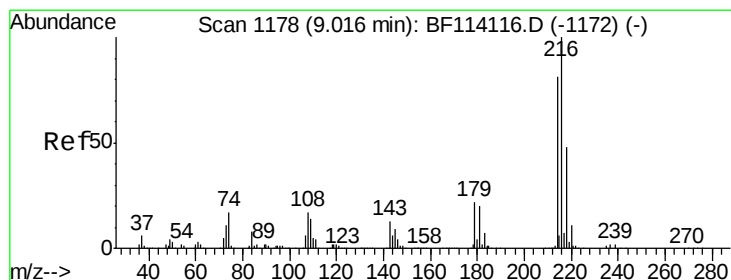
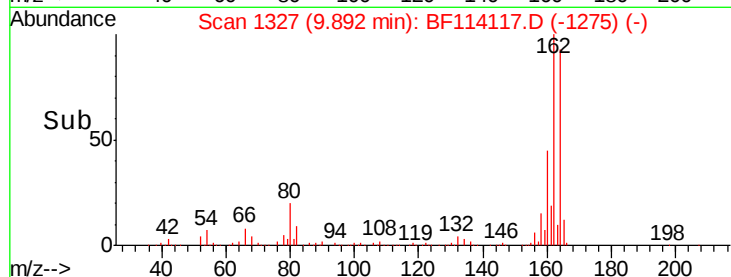
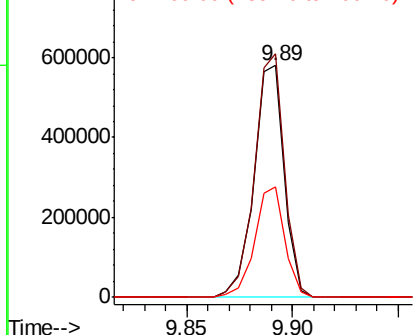
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.01 min
 Lab File: BF114117.D
 Acq: 10 May 2019 10:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:164	Resp:	578372
Ion Ratio	Lower	Upper
164	100	
162	105.2	80.6 120.8
160	47.7	36.5 54.7

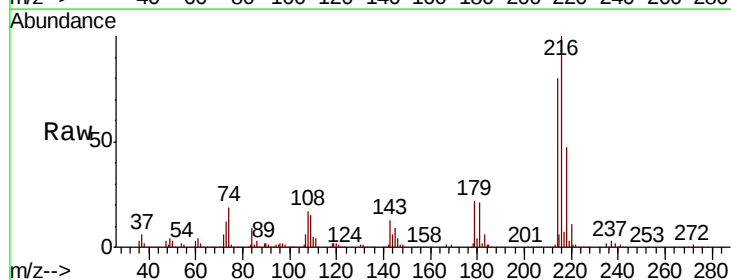


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

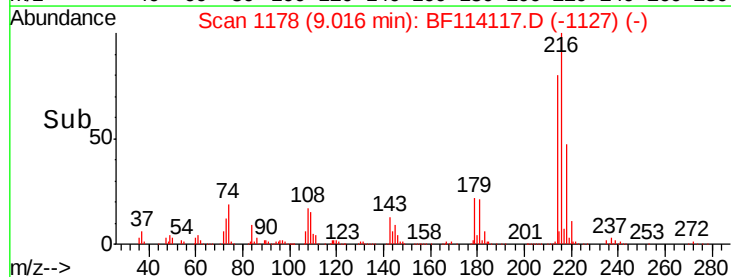
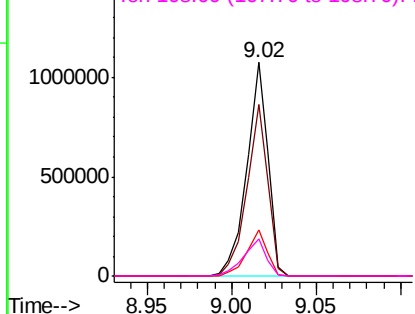


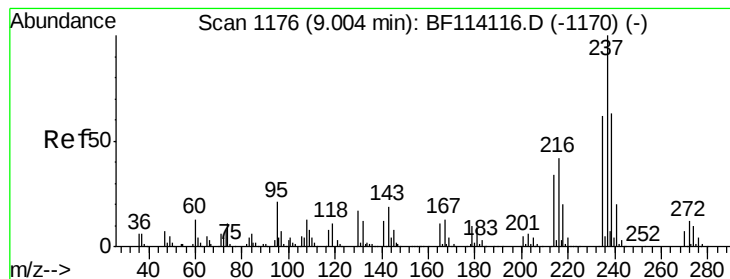
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 52.201 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BF114117.D
 Acq: 10 May 2019 10:59

Tgt Ion:216	Resp:	942896
Ion Ratio	Lower	Upper
216	100	
214	79.8	63.9 95.9
179	21.0	17.0 25.6
108	18.7	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: 57.505 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.00 min

Lab File: BF114117.D

Acq: 10 May 2019 10:59

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

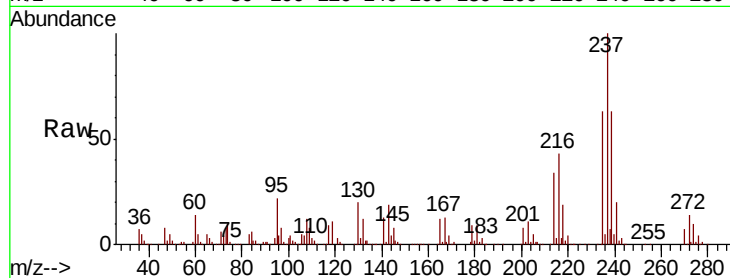
Tot Ion:237 Resp: 426485

Ion Ratio Lower Upper

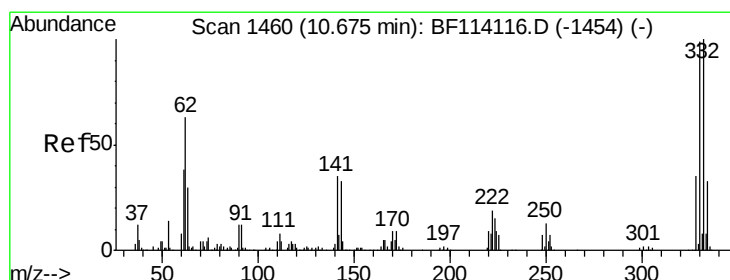
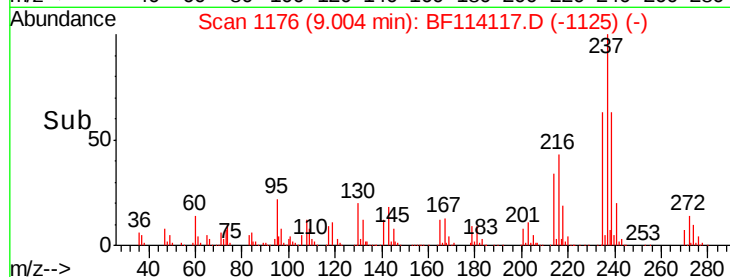
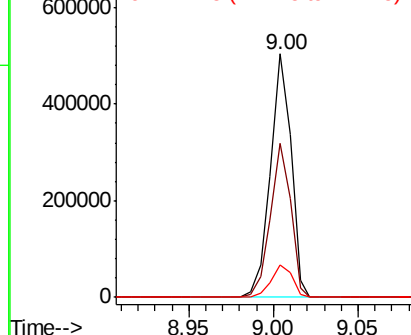
237 100

235 63.2 42.0 82.0

272 13.6 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: 83.618 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.01 min

Lab File: BF114117.D

Acq: 10 May 2019 10:59

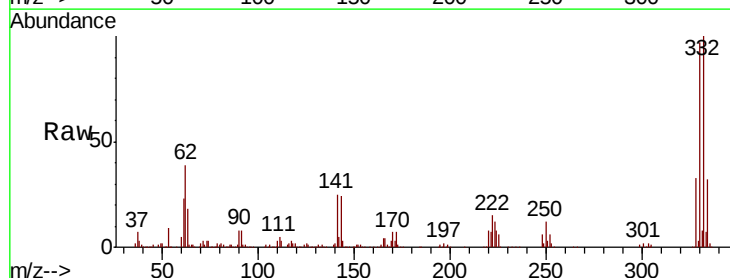
Tgt Ion:330 Resp: 608689

Ion Ratio Lower Upper

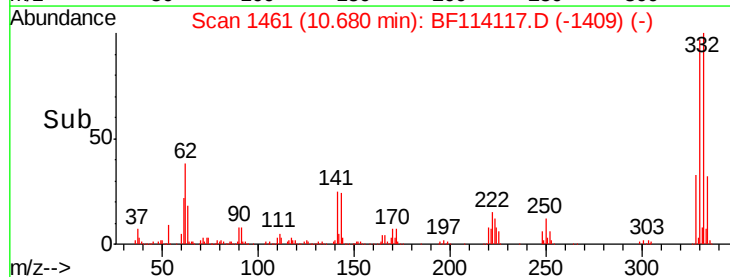
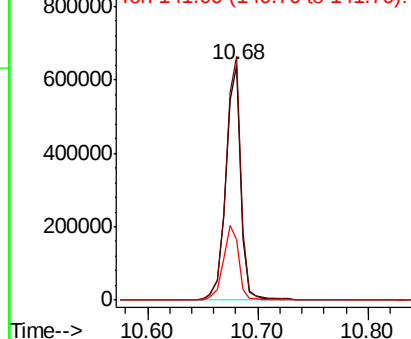
330 100

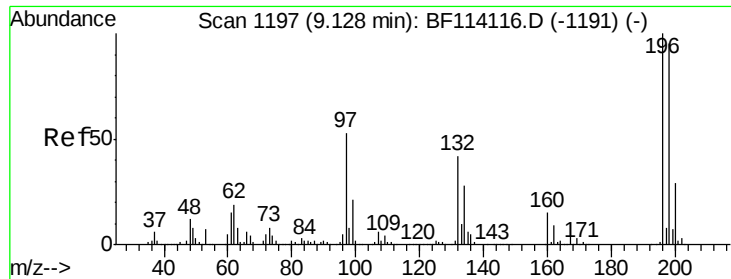
332 103.5 81.4 122.2

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

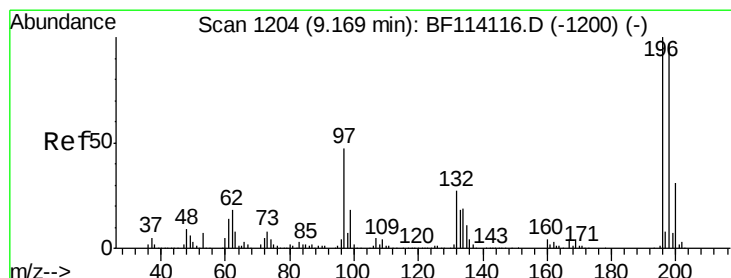
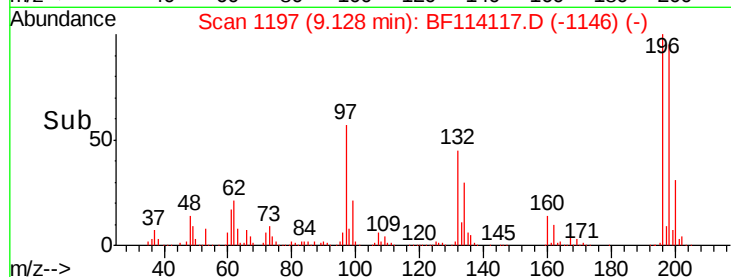
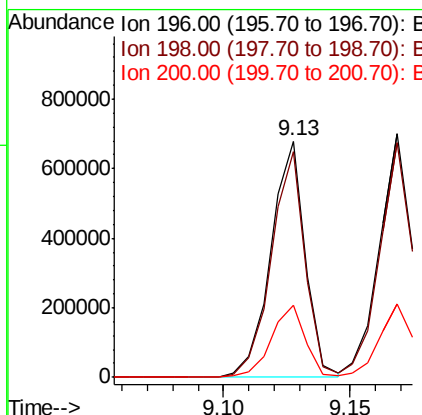
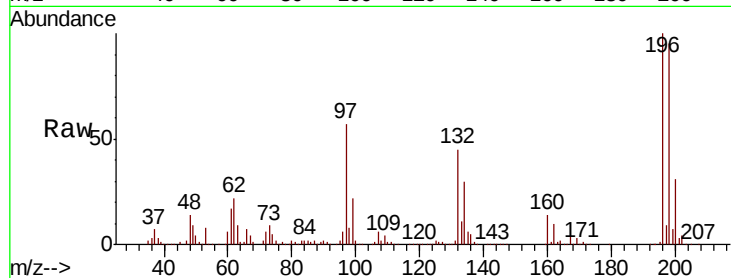




#43
 2,4,6-Trichlorophenol
 Concen: 55.597 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF114117.D
 Acq: 10 May 2019 10:59

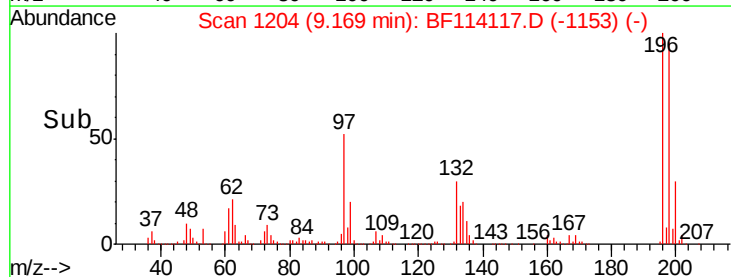
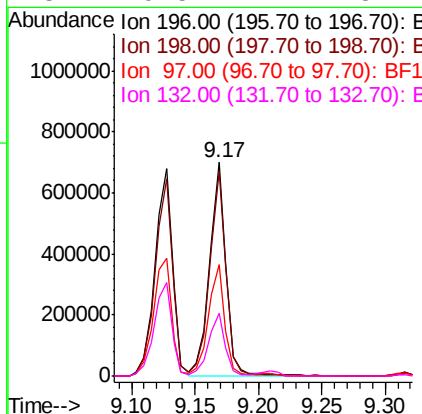
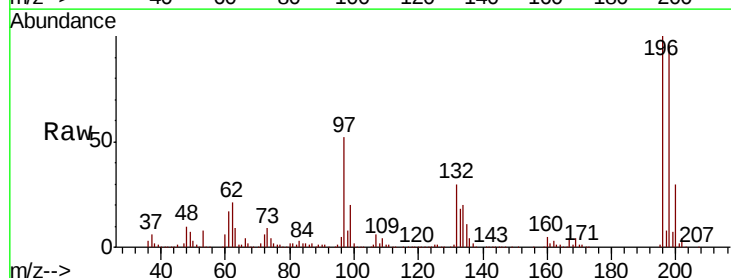
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

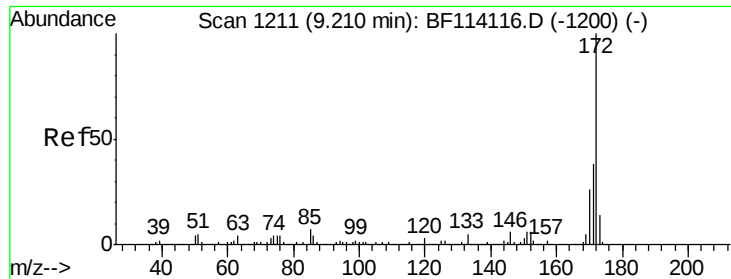
Tot Ion:196 Resp: 645164
 Ion Ratio Lower Upper
 196 100
 198 95.3 75.9 113.9
 200 30.6 23.5 35.3



#44
 2,4,5-Trichlorophenol
 Concen: 50.092 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF114117.D
 Acq: 10 May 2019 10:59

Tgt Ion:196 Resp: 639465
 Ion Ratio Lower Upper
 196 100
 198 96.1 77.7 116.5
 97 52.3 38.2 57.2
 132 29.5 21.4 32.2



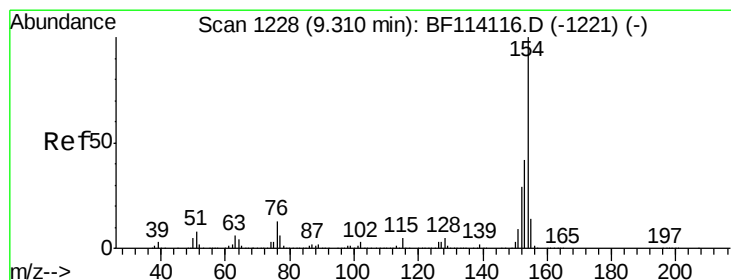
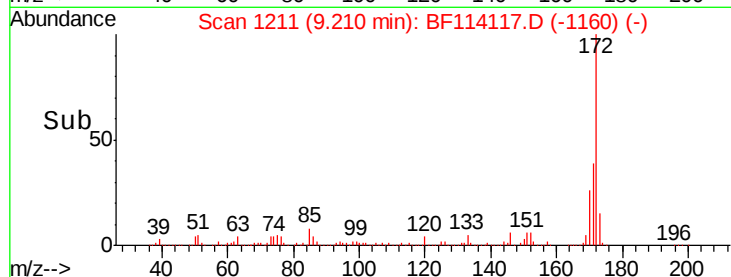
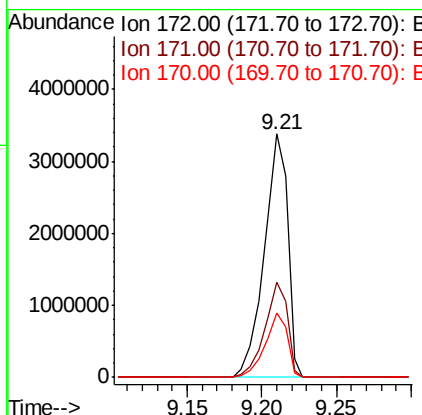
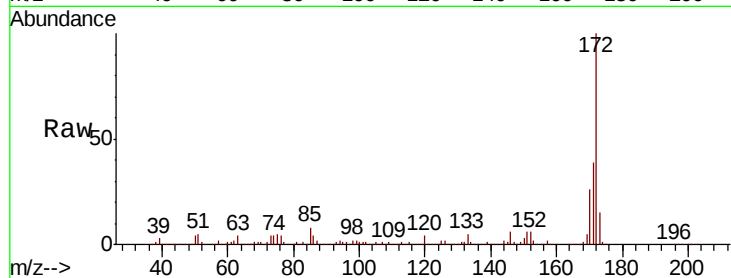


#45
2-Fluorobiphenyl
Concen: 99.755 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BF114117.D
Acq: 10 May 2019 10:59

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:172 Resp: 3618582

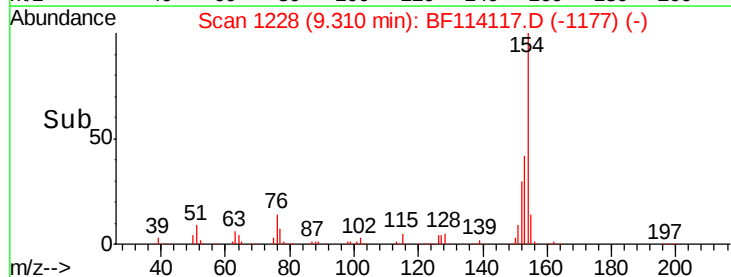
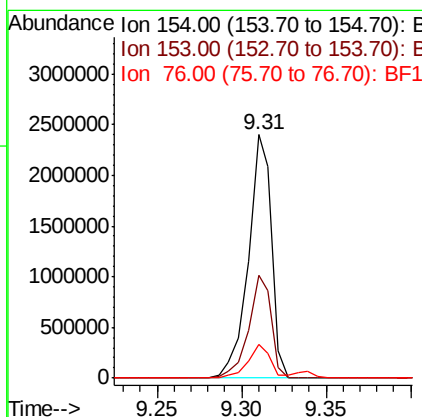
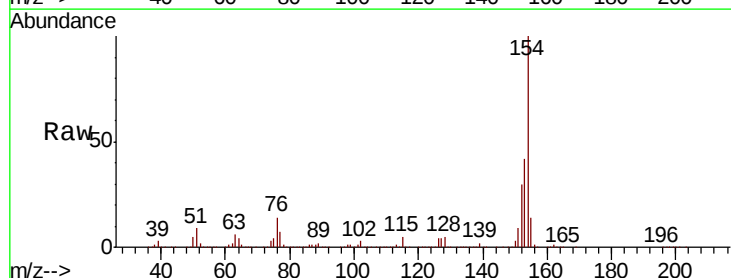
Ion	Ratio	Lower	Upper
172	100		
171	39.2	30.7	46.1
170	26.2	20.5	30.7

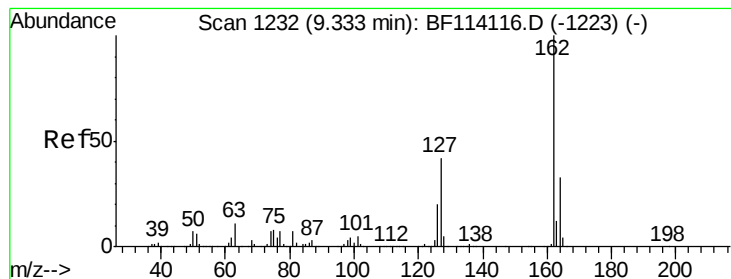


#46
1,1'-Biphenyl
Concen: 53.295 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.00 min
Lab File: BF114117.D
Acq: 10 May 2019 10:59

Tgt Ion:154 Resp: 2295960

Ion	Ratio	Lower	Upper
154	100		
153	42.4	21.9	61.9
76	14.0	0.0	32.8





#47

2-Chloronaphthalene

Concen: 52.761 ng

RT: 9.34 min Scan# 1233

Delta R.T. 0.01 min

Lab File: BF114117.D

Acq: 10 May 2019 10:59

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

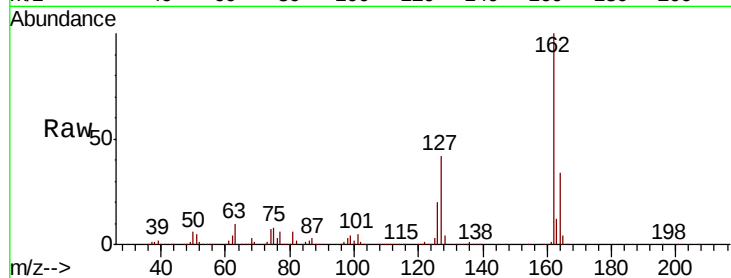
Tot Ion:162 Resp: 1852246

Ion Ratio Lower Upper

162 100

127 42.0 34.0 51.0

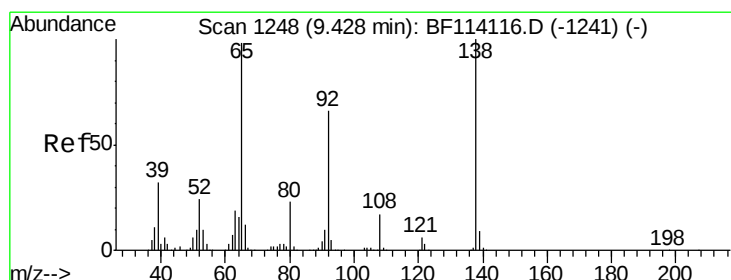
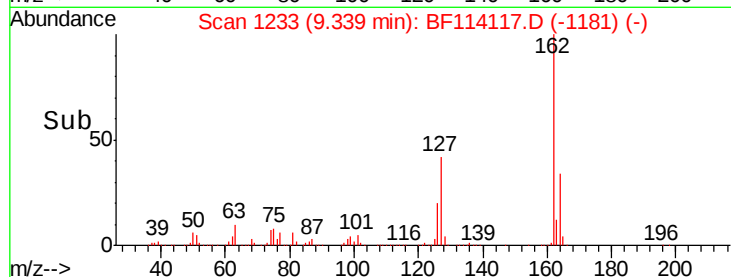
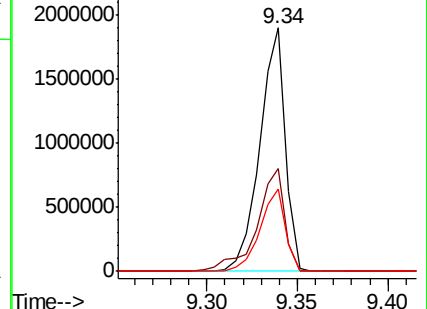
164 33.9 26.7 40.1



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: 68.679 ng

RT: 9.43 min Scan# 1248

Delta R.T. -0.00 min

Lab File: BF114117.D

Acq: 10 May 2019 10:59

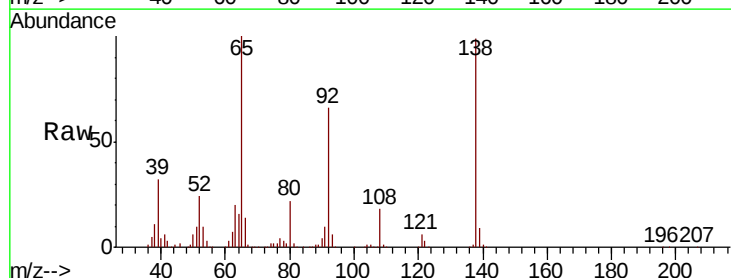
Tgt Ion: 65 Resp: 669874

Ion Ratio Lower Upper

65 100

92 65.9 53.9 80.9

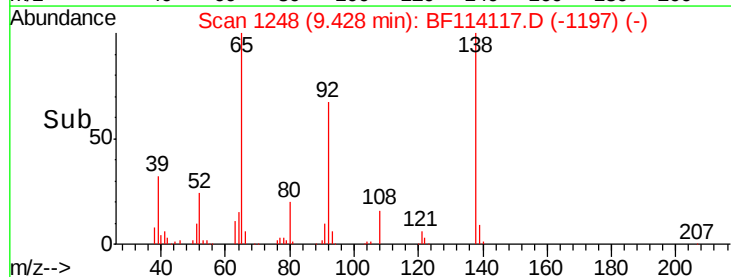
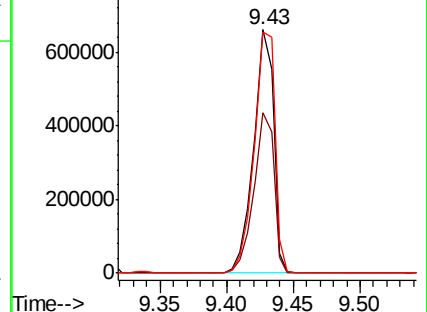
138 98.9 81.4 122.0

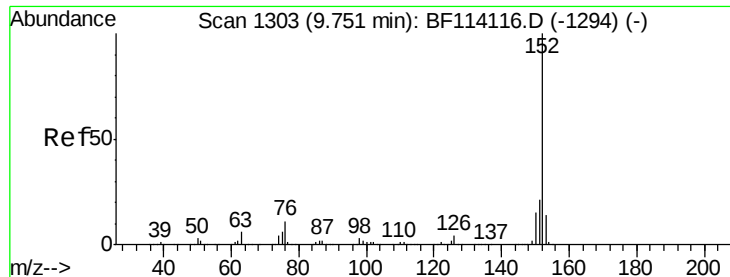


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 51.903 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BF114117.D

Acq: 10 May 2019 10:59

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

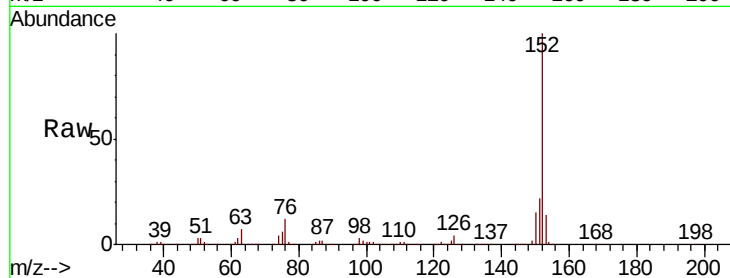
Tot Ion:152 Resp: 2873025

Ion Ratio Lower Upper

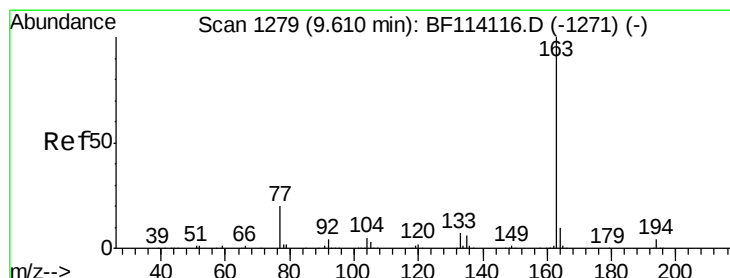
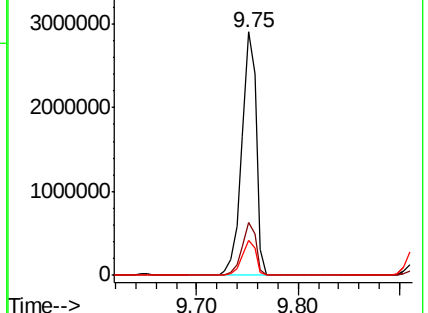
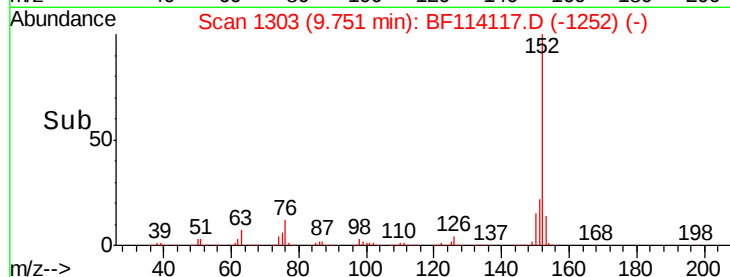
152 100

151 21.8 16.8 25.2

153 14.5 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: 49.986 ng

RT: 9.62 min Scan# 1280

Delta R.T. 0.01 min

Lab File: BF114117.D

Acq: 10 May 2019 10:59

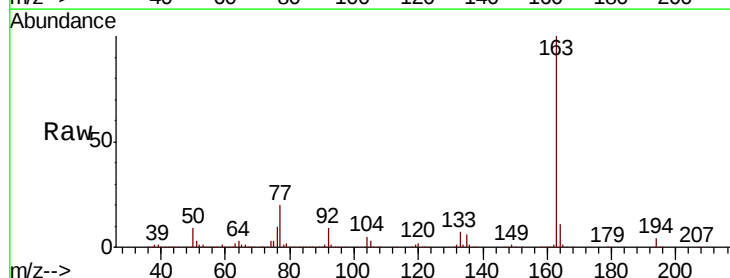
Tgt Ion:163 Resp: 2088224

Ion Ratio Lower Upper

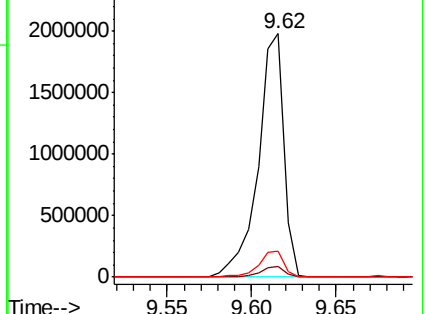
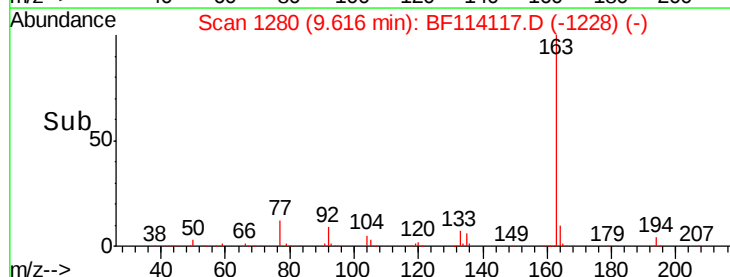
163 100

194 4.2 3.4 5.0

164 10.5 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

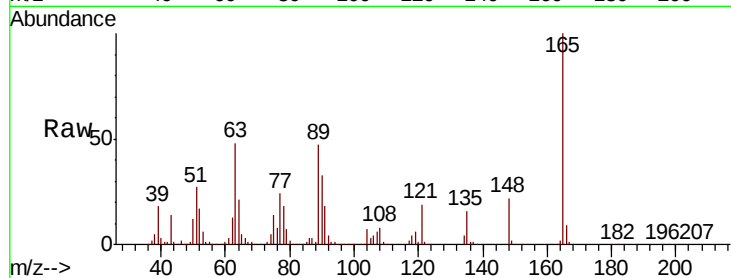




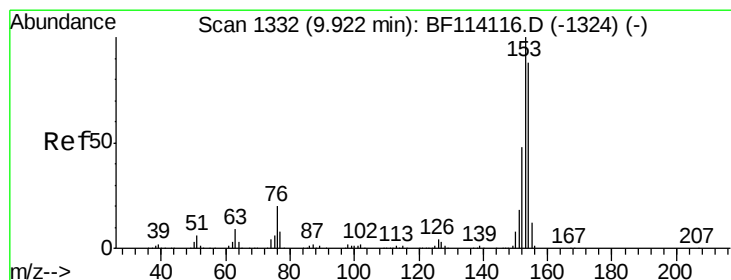
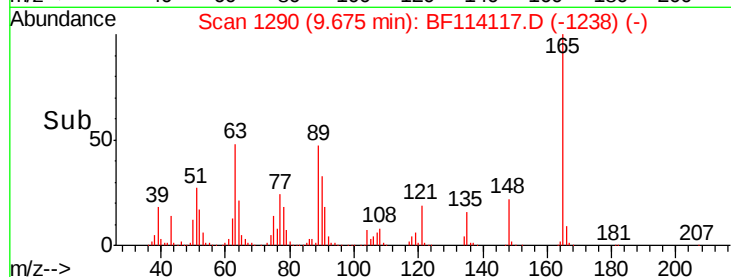
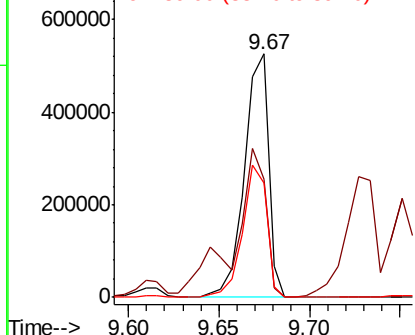
#51
 2,6-Dinitrotoluene
 Concen: 51.444 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. 0.01 min
 Lab File: BF114117.D
 Acq: 10 May 2019 10:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:165 Resp: 487069
 Ion Ratio Lower Upper
 165 100
 63 48.4 50.2 75.4#
 89 46.8 46.6 69.8

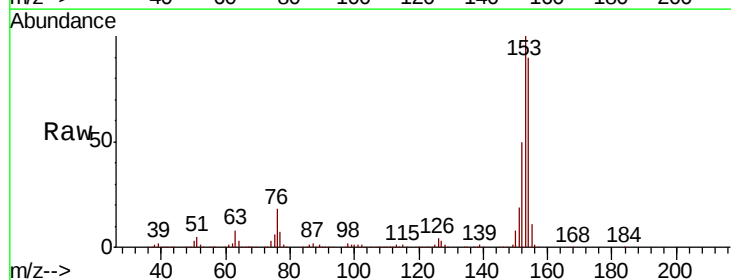


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

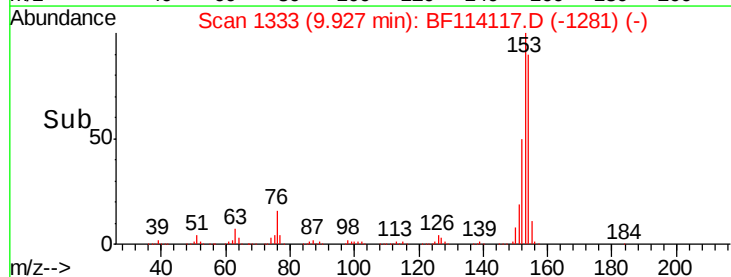
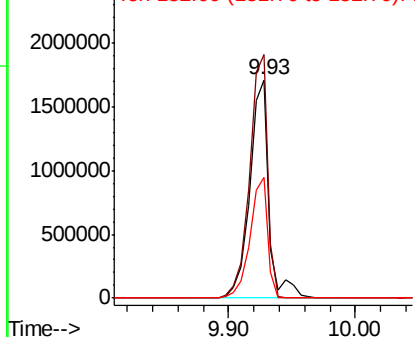


#52
 Acenaphthene
 Concen: 55.900 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. 0.01 min
 Lab File: BF114117.D
 Acq: 10 May 2019 10:59

Tgt Ion:154 Resp: 1794449
 Ion Ratio Lower Upper
 154 100
 153 111.7 90.5 135.7
 152 55.5 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

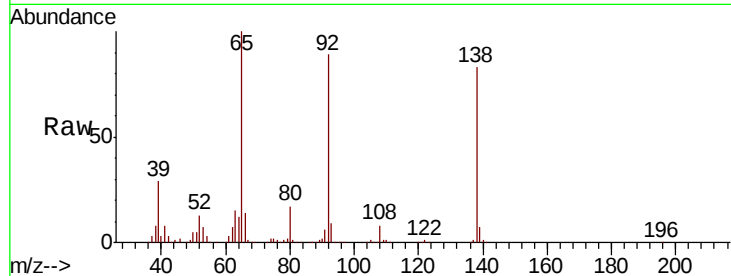




#53
3-Nitroaniline
Concen: 60.902 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF114117.D
Acq: 10 May 2019 10:59

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.4	7.8	11.6
92	107.0	91.2	136.8

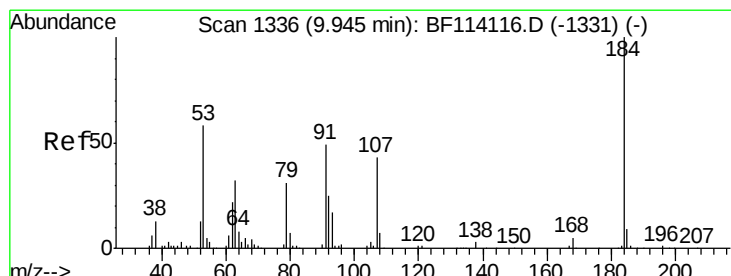
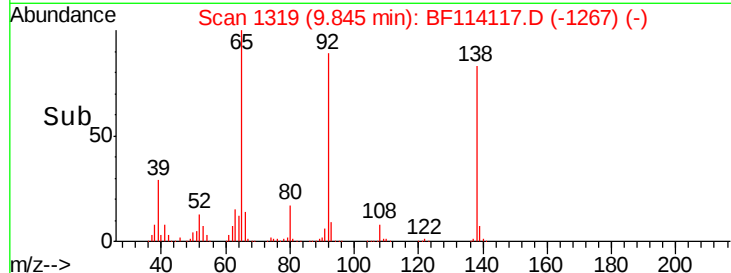
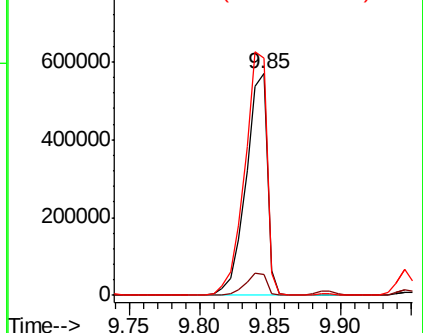


Abundance

Ion 138.00 (137.70 to 138.70): E

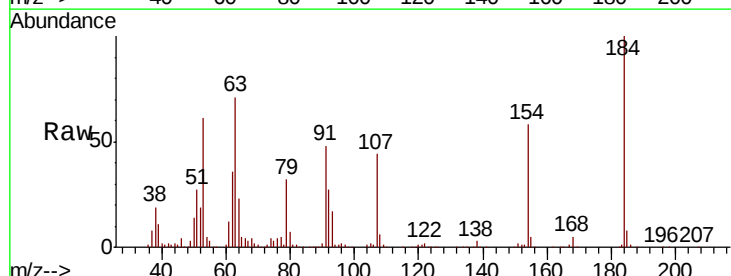
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 51.833 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF114117.D
Acq: 10 May 2019 10:59

Tgt Ion	Ratio	Lower	Upper
184	100		
63	71.0	55.6	83.4
154	57.8	46.0	69.0

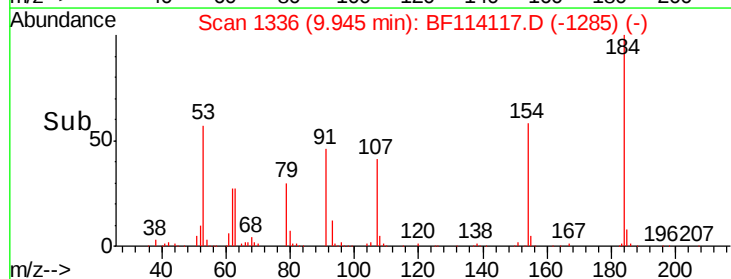
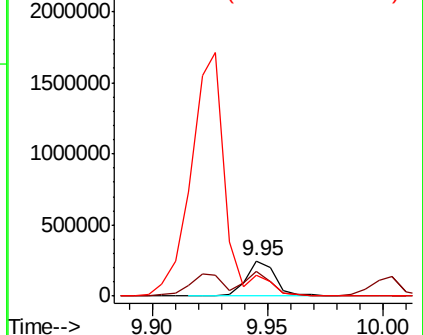


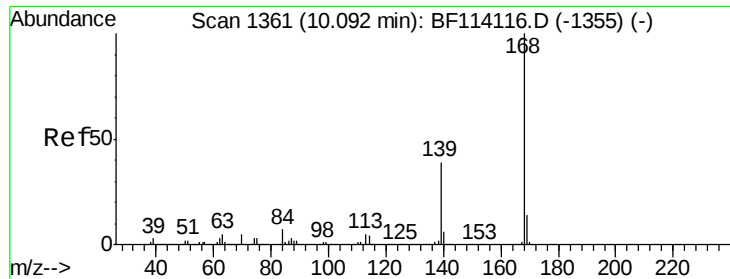
Abundance

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

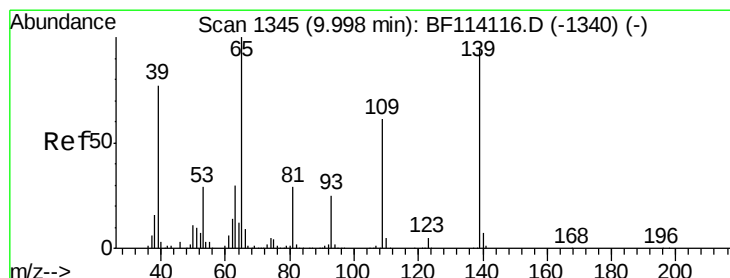
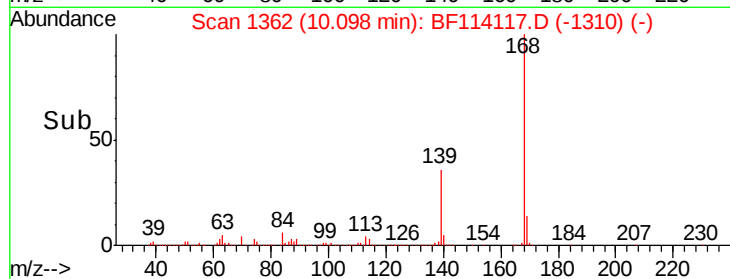
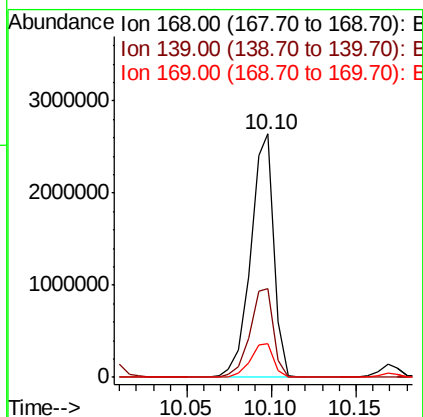
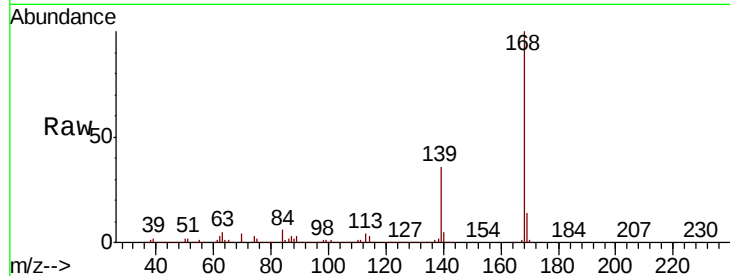




#55
Dibenzofuran
Concen: 50.175 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.01 min
Lab File: BF114117.D
Acq: 10 May 2019 10:59

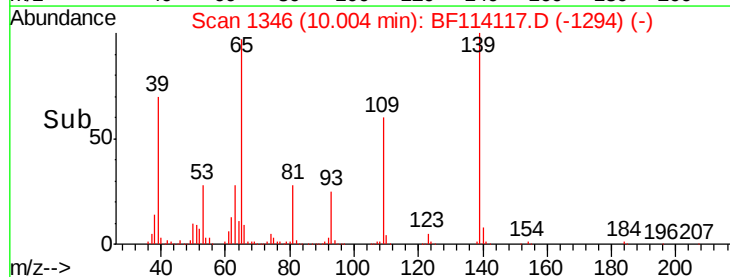
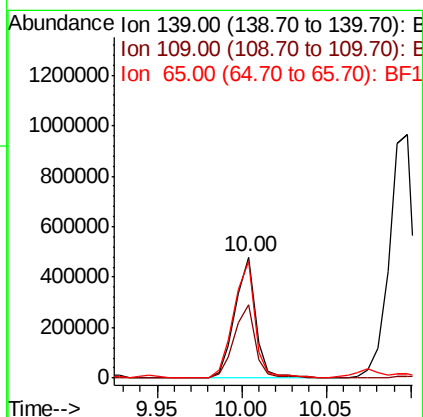
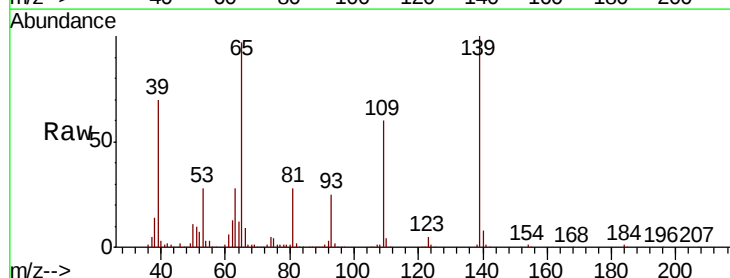
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

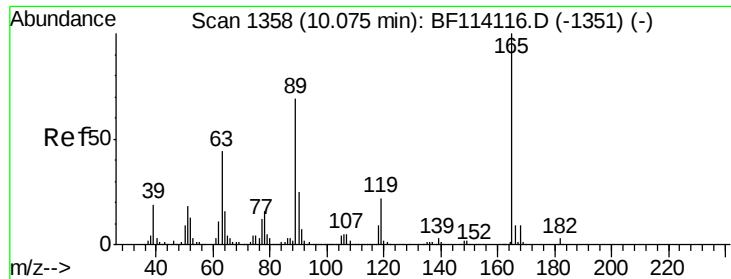
Tot Ion:168 Resp: 2532993
Ion Ratio Lower Upper
168 100
139 36.5 31.1 46.7
169 13.8 11.4 17.0



#56
4-Nitrophenol
Concen: 55.393 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BF114117.D
Acq: 10 May 2019 10:59

Tgt Ion:139 Resp: 417172
Ion Ratio Lower Upper
139 100
109 60.2 43.9 83.9
65 97.0 85.7 125.7





#57

2,4-Dinitrotoluene

Concen: 49.483 ng

RT: 10.07 min Scan# 1358

Delta R.T. -0.00 min

Lab File: BF114117.D

Acq: 10 May 2019 10:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:165 Resp: 635157

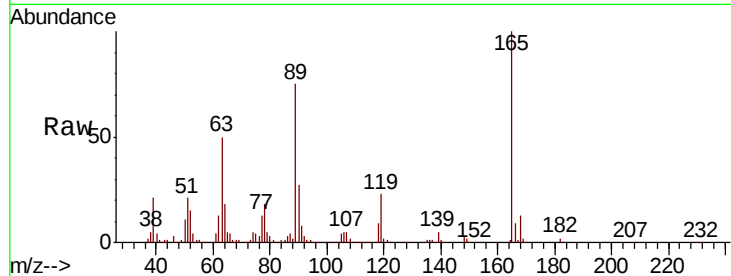
Ion Ratio Lower Upper

165 100

63 50.2 35.5 53.3

89 74.9 55.2 82.8

182 2.4 2.2 3.2

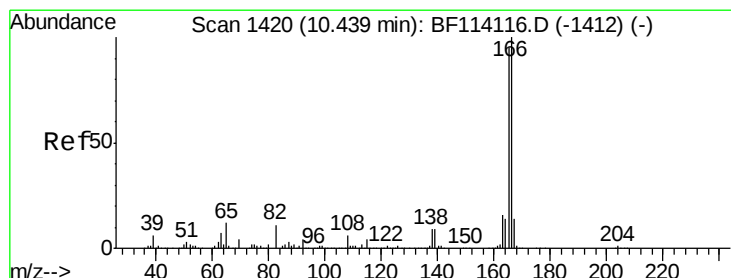
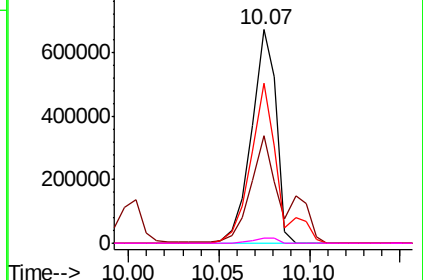
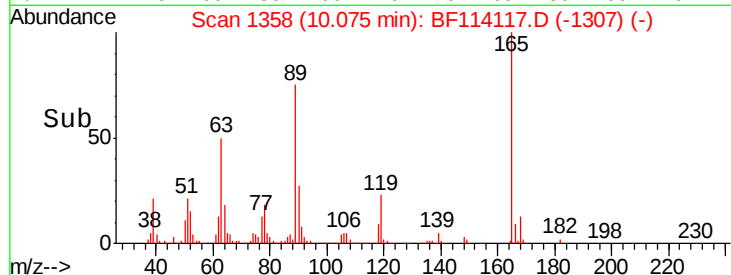


Abundance Ion 165.00 (164.70 to 165.70): E

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: 48.049 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.00 min

Lab File: BF114117.D

Acq: 10 May 2019 10:59

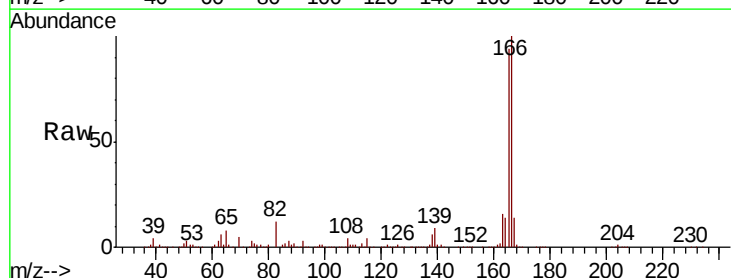
Tgt Ion:166 Resp: 1857975

Ion Ratio Lower Upper

166 100

165 94.0 76.1 114.1

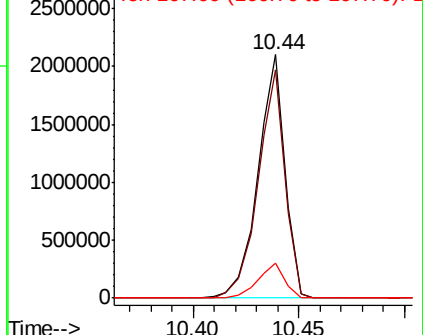
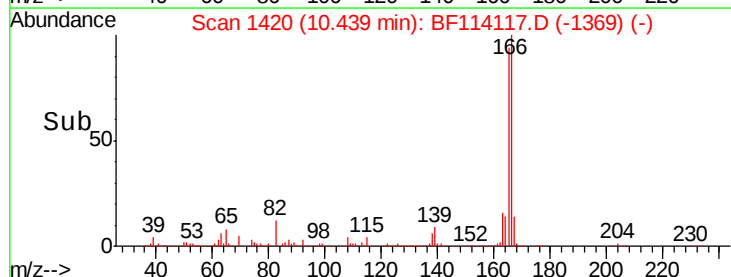
167 14.3 11.1 16.7

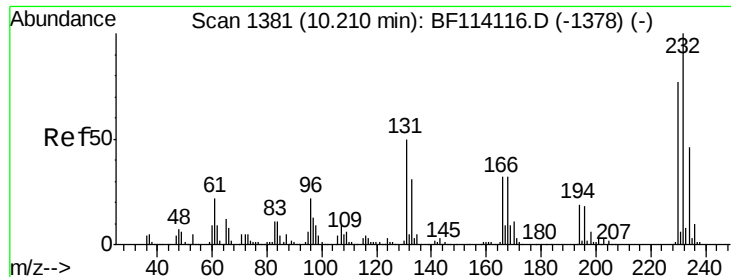


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

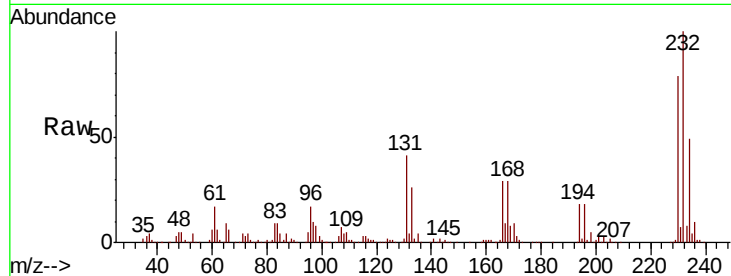




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.012 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.01 min
Lab File: BF114117.D
Acq: 10 May 2019 10:59

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.9	35.6	53.4
130	2.1	1.6	2.4
166	29.8	24.1	36.1



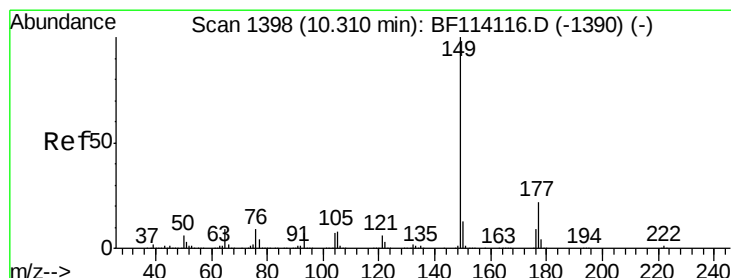
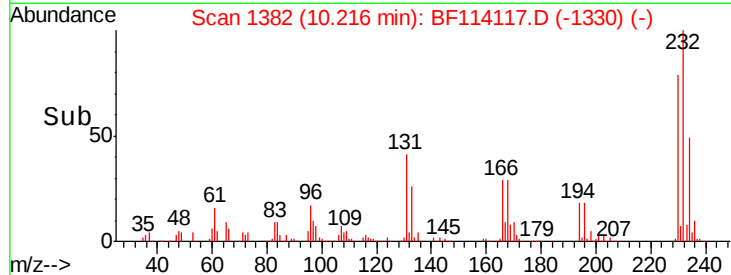
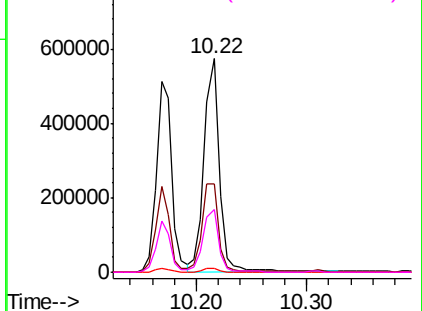
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

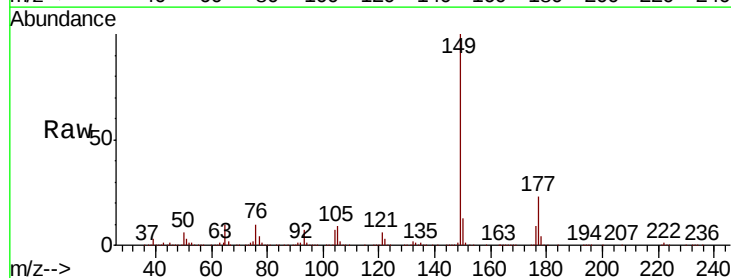
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 50.681 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BF114117.D
Acq: 10 May 2019 10:59

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.7	17.8	26.6
150	13.2	10.2	15.2

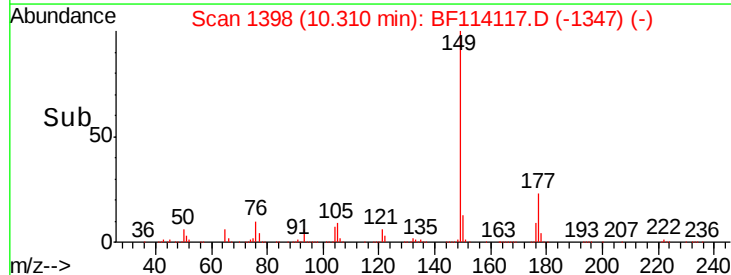
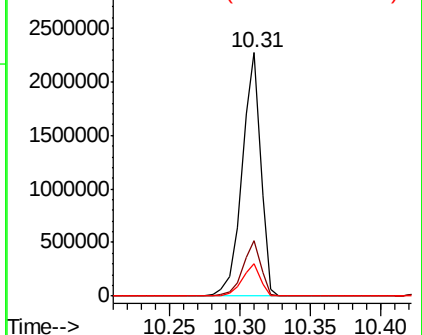


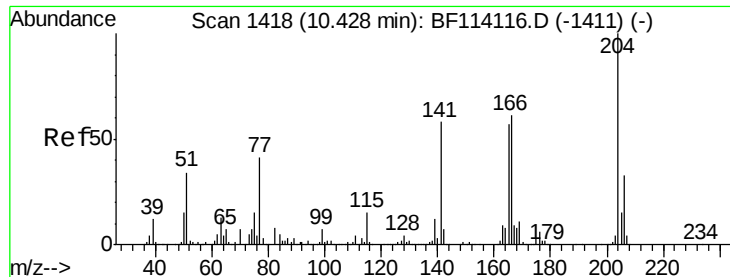
Abundance

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

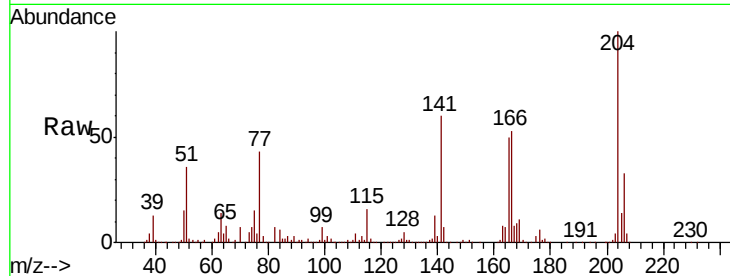




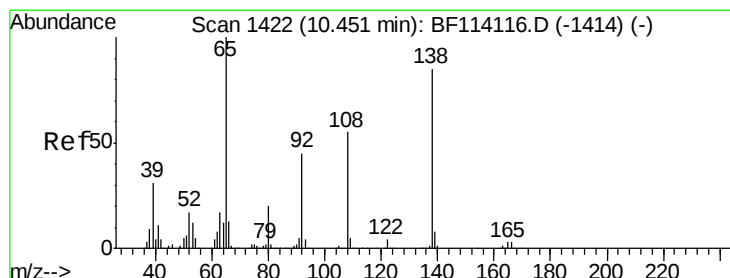
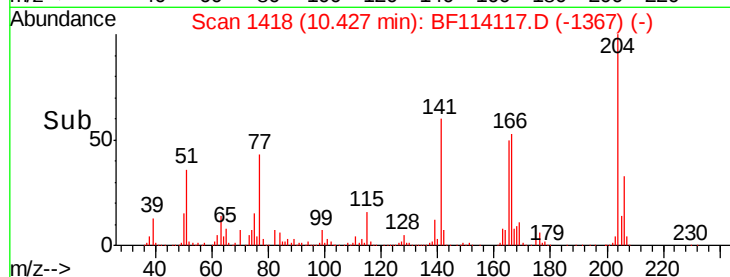
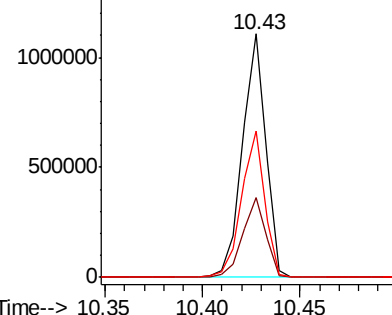
#61
4-Chlorophenyl-phenylether
Concen: 45.751 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF114117.D
Acq: 10 May 2019 10:59

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.6	39.8
141	60.2	46.4	69.6

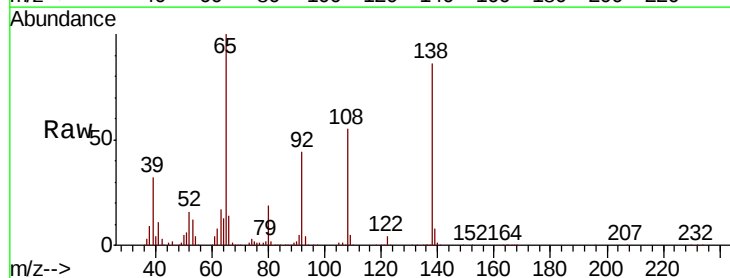


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

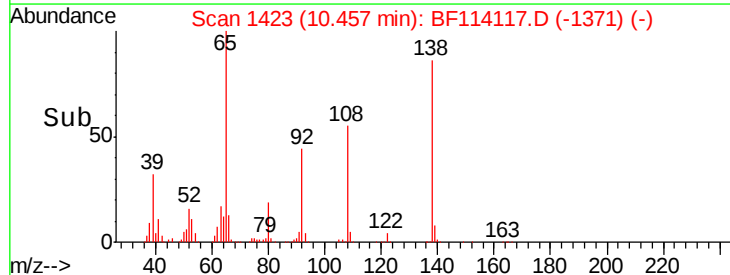
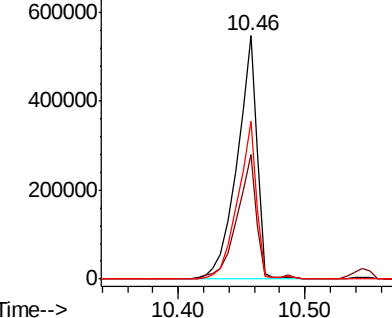


#62
4-Nitroaniline
Concen: 58.944 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF114117.D
Acq: 10 May 2019 10:59

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.3	33.0	73.0
108	64.7	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: 54.424 ng

RT: 10.59 min Scan# 1445

Delta R.T. -0.00 min

Lab File: BF114117.D

Acq: 10 May 2019 10:59

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion: 77 Resp: 2139953

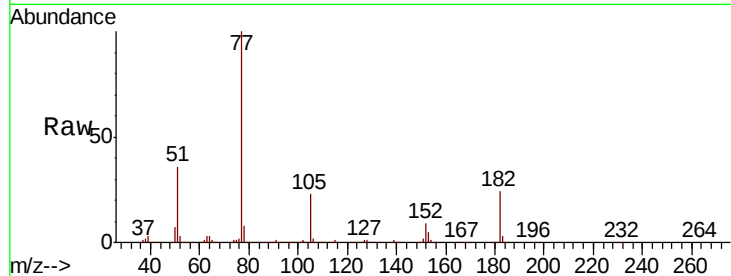
Ion Ratio Lower Upper

77 100

182 24.3 4.7 44.7

105 23.5 2.9 42.9

51 35.8 14.6 54.6

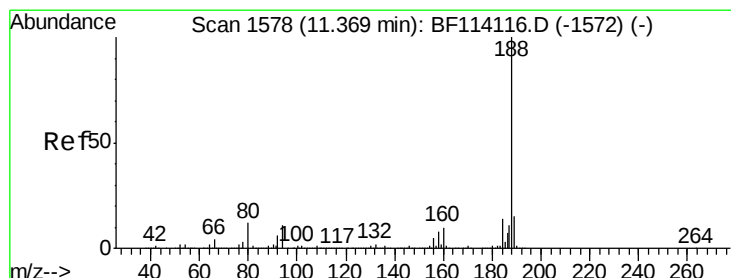
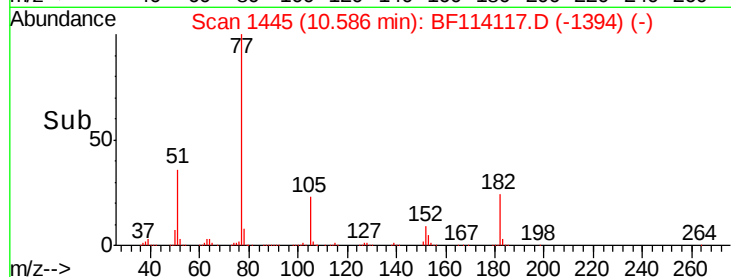
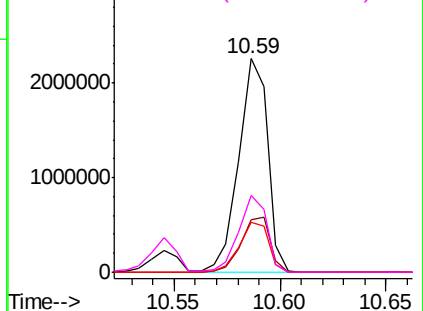


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.37 min Scan# 1578

Delta R.T. -0.00 min

Lab File: BF114117.D

Acq: 10 May 2019 10:59

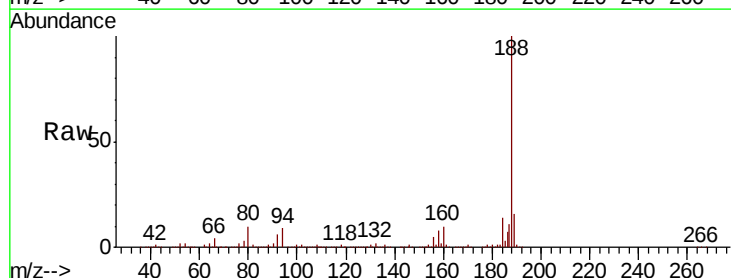
Tgt Ion: 188 Resp: 819858

Ion Ratio Lower Upper

188 100

94 8.8 8.4 12.6

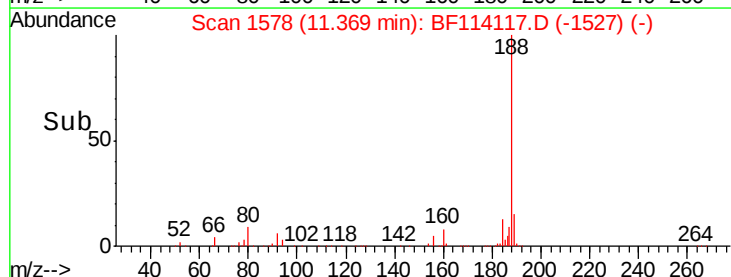
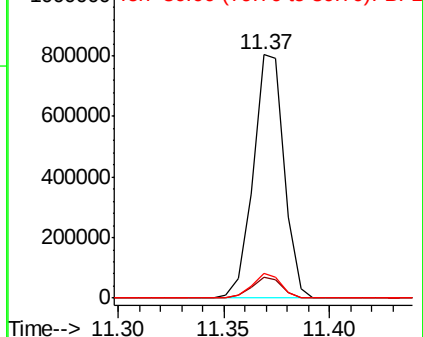
80 10.2 9.2 13.8

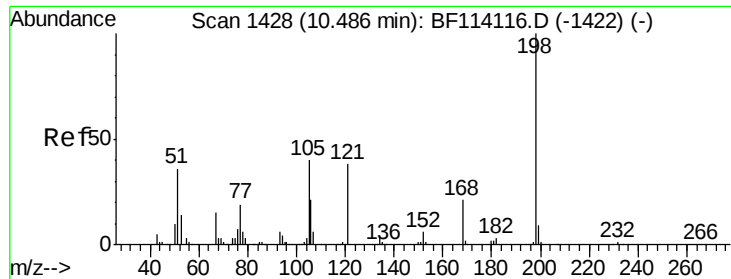


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 68.033 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.00 min

Lab File: BF114117.D

Acq: 10 May 2019 10:59

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

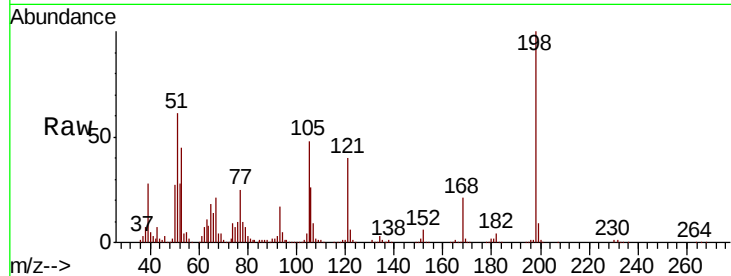
Tot Ion:198 Resp: 315381

Ion Ratio Lower Upper

198 100

51 61.2 28.0 68.0

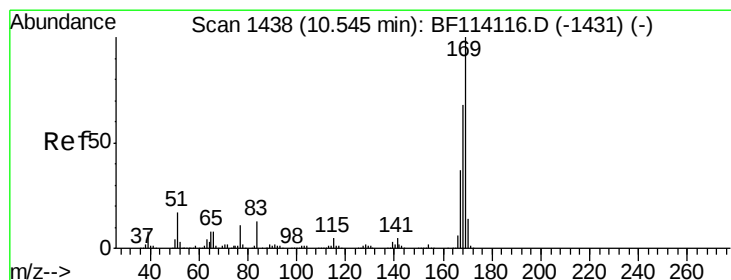
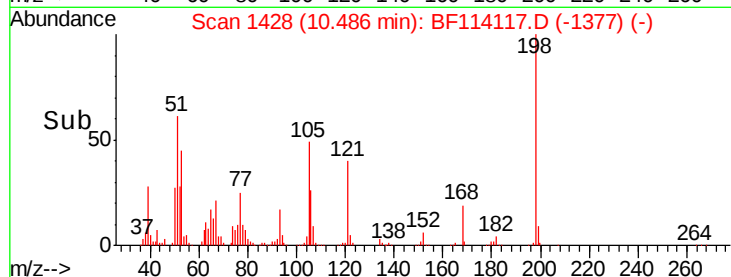
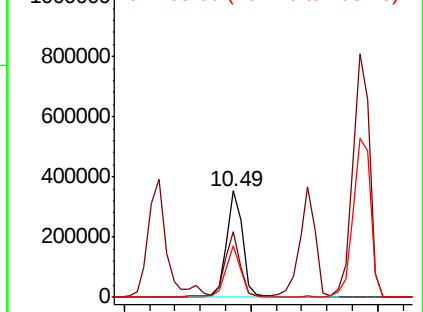
105 48.4 21.1 61.1



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: 71.954 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF114117.D

Acq: 10 May 2019 10:59

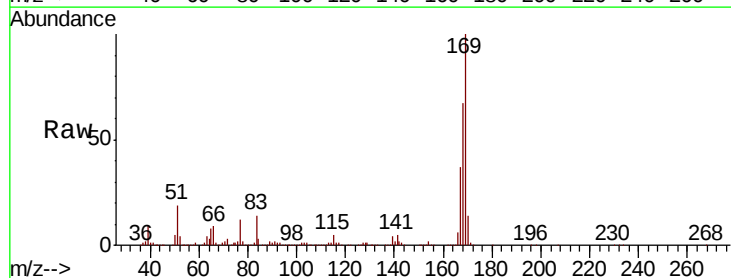
Tgt Ion:169 Resp: 1841611

Ion Ratio Lower Upper

169 100

168 67.3 54.2 81.2

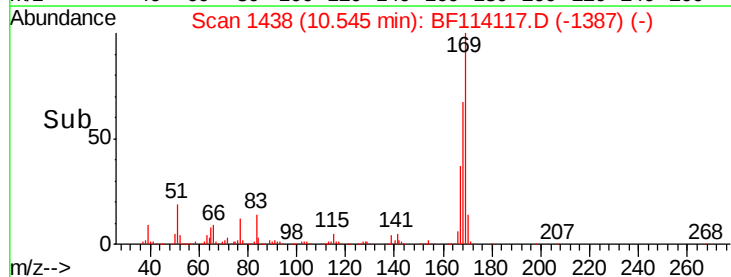
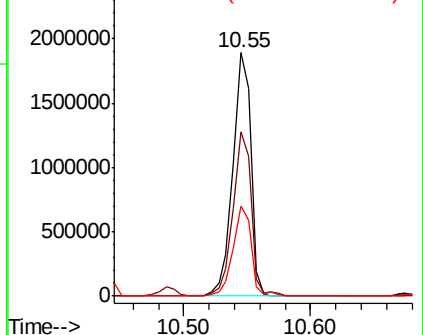
167 36.9 29.8 44.8

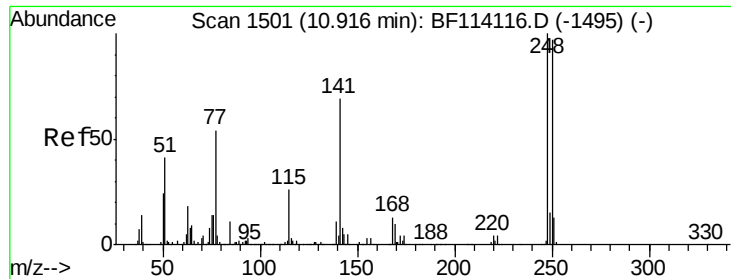


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

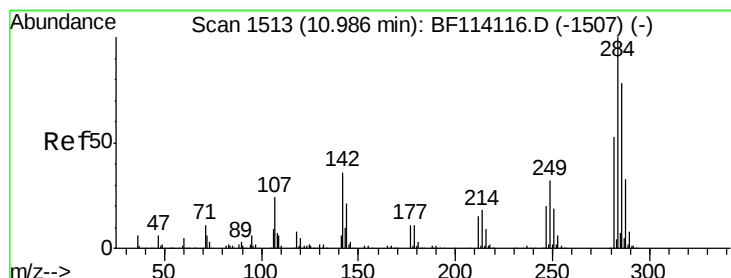
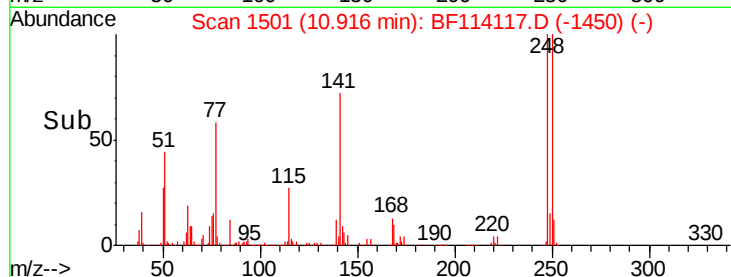
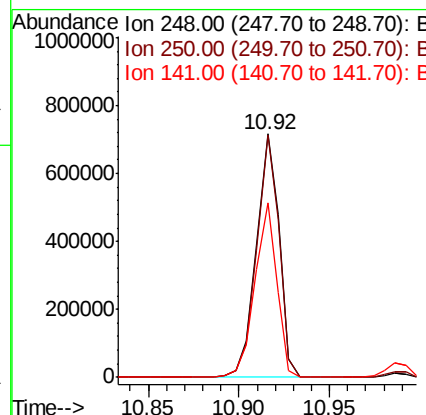
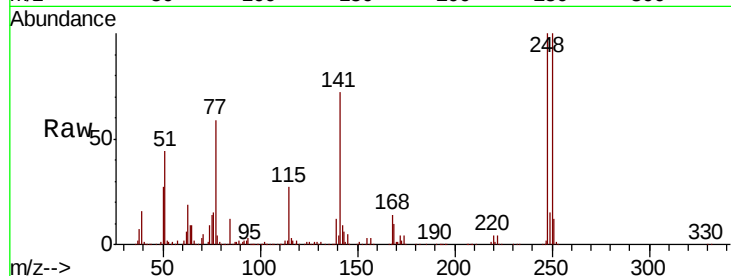




#67
4-Bromophenyl-phenylether
Concen: 61.549 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BF114117.D
Acq: 10 May 2019 10:59

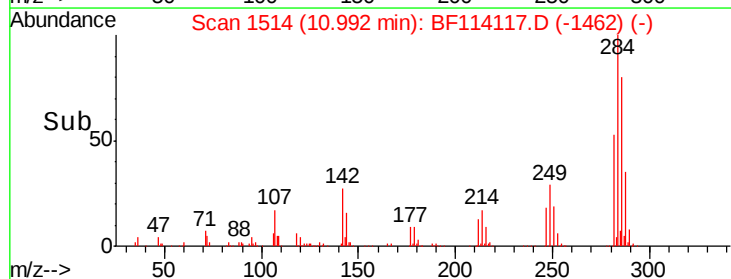
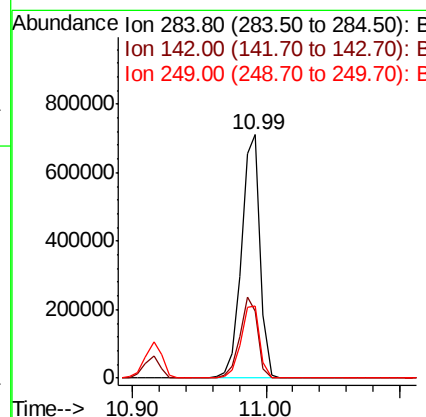
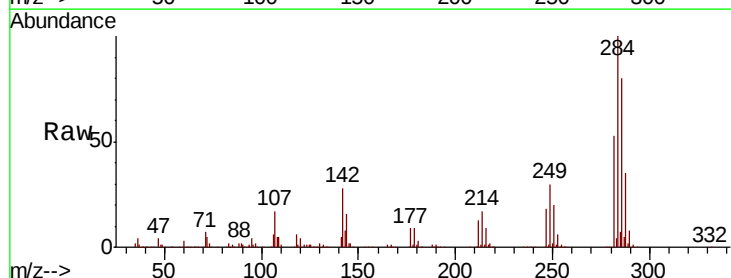
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

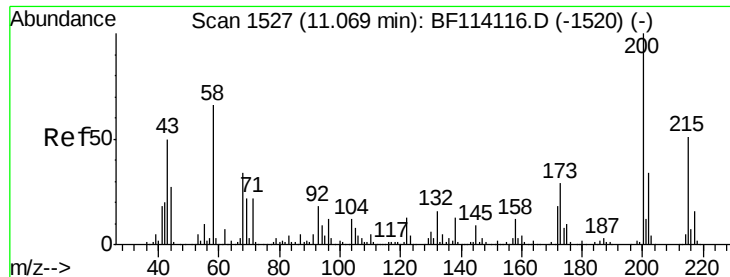
Tot Ion	Ratio	Lower	Upper
248	100		
250	99.8	77.4	116.2
141	71.6	55.6	83.4



#68
Hexachlorobenzene
Concen: 61.612 ng
RT: 10.99 min Scan# 1514
Delta R.T. 0.01 min
Lab File: BF114117.D
Acq: 10 May 2019 10:59

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.5	28.4	42.6#
249	29.9	25.2	37.8

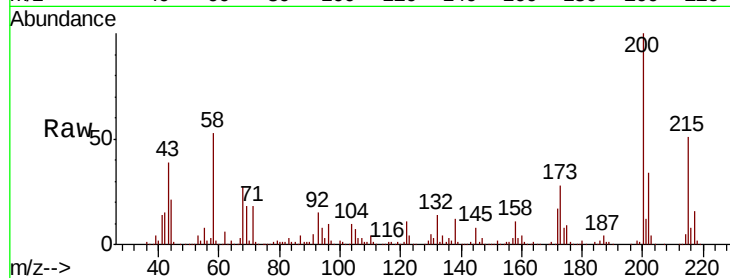




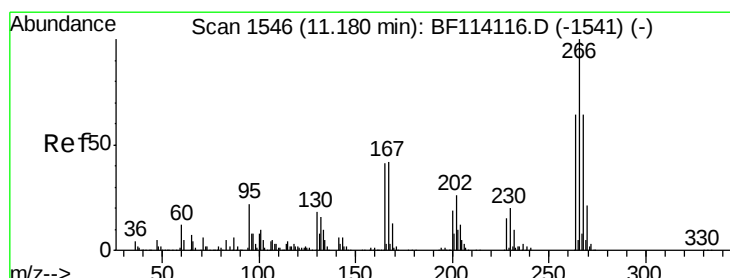
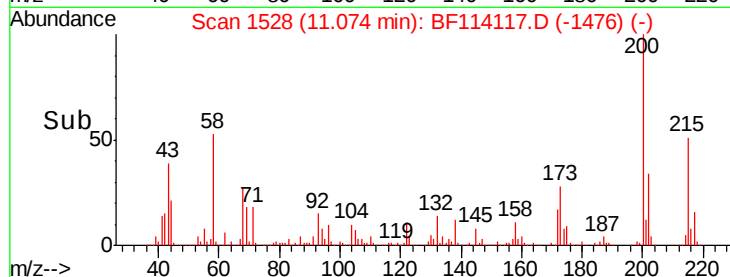
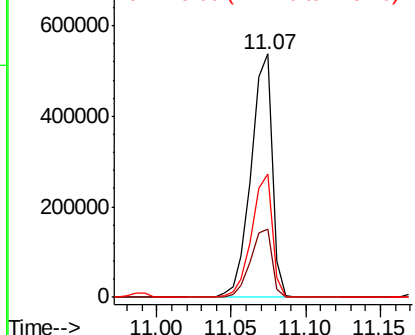
#69
Atrazine
Concen: 61.226 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.01 min
Lab File: BF114117.D
Acq: 10 May 2019 10:59

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:200 Resp: 525573
Ion Ratio Lower Upper
200 100
173 27.9 8.9 48.9
215 50.9 30.7 70.7

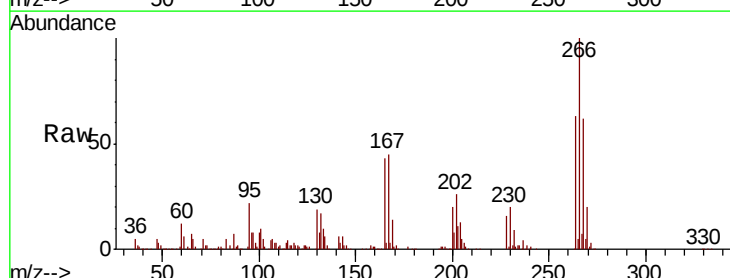


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

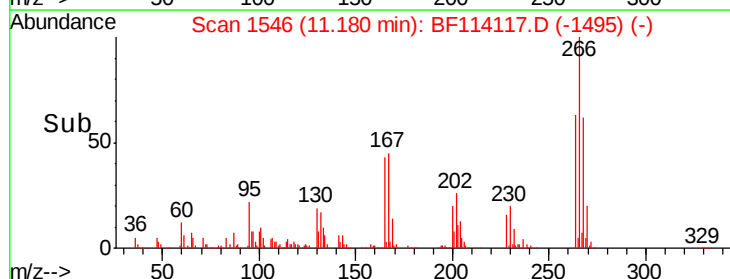
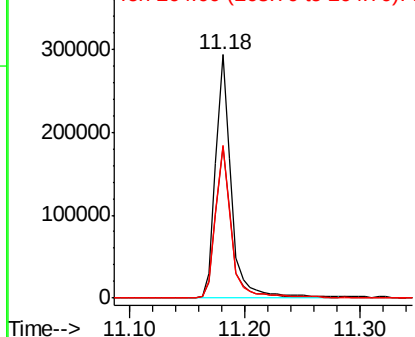


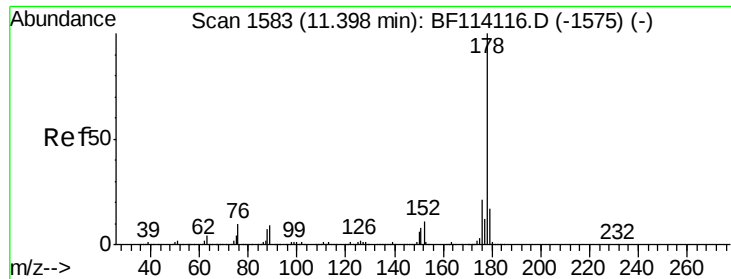
#70
Pentachlorophenol
Concen: 46.989 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.00 min
Lab File: BF114117.D
Acq: 10 May 2019 10:59

Tgt Ion:266 Resp: 279220
Ion Ratio Lower Upper
266 100
268 62.1 51.1 76.7
264 62.8 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

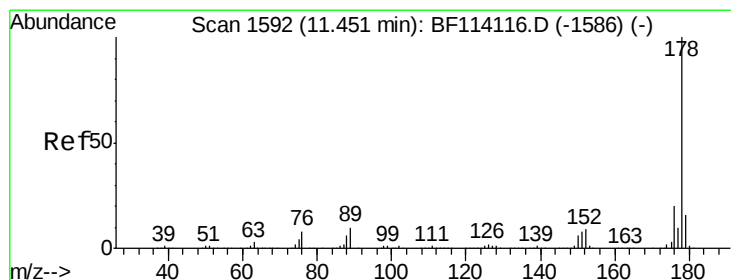
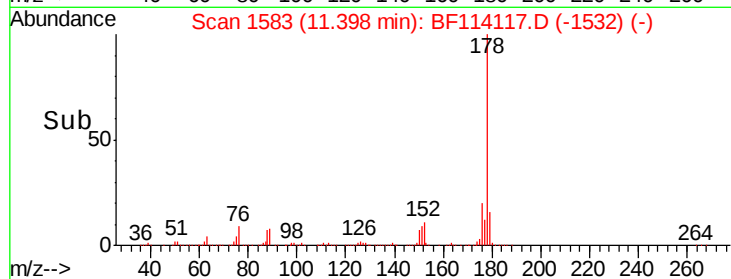
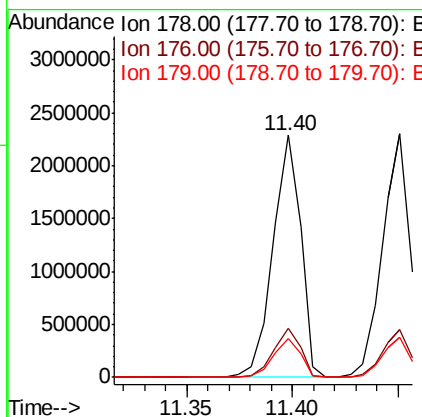
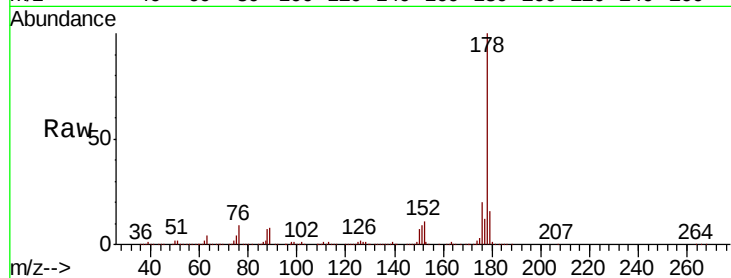




#71
Phenanthrene
Concen: 50.349 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF114117.D
Acq: 10 May 2019 10:59

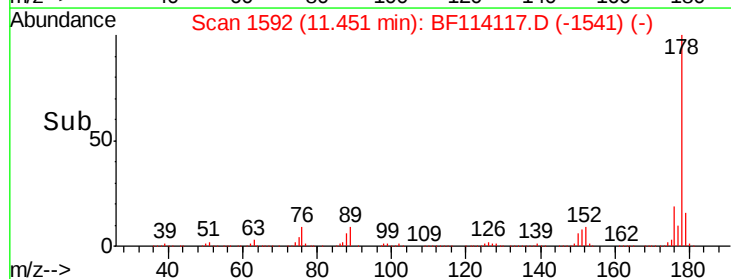
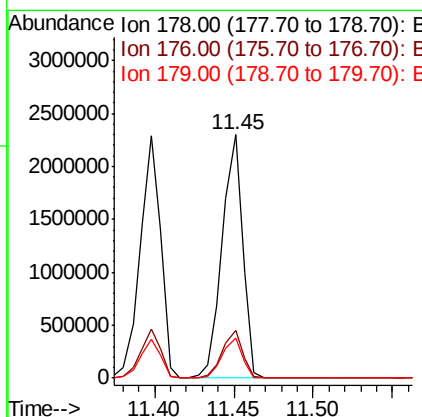
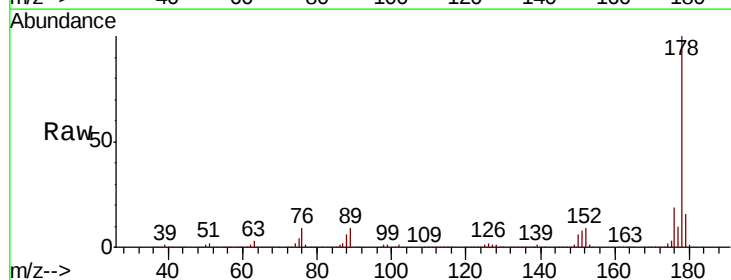
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

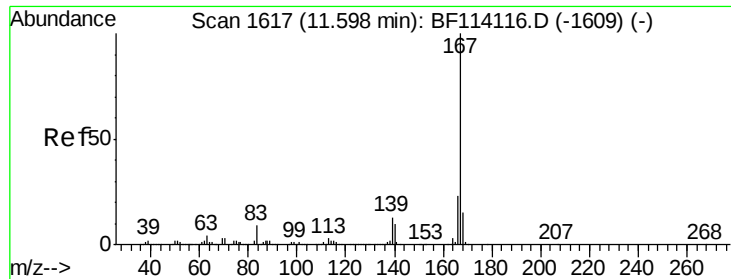
Tot Ion:178 Resp: 2087953
Ion Ratio Lower Upper
178 100
176 20.1 16.4 24.6
179 16.2 13.2 19.8



#72
Anthracene
Concen: 49.710 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.00 min
Lab File: BF114117.D
Acq: 10 May 2019 10:59

Tgt Ion:178 Resp: 2081520
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.8
179 16.3 13.0 19.4

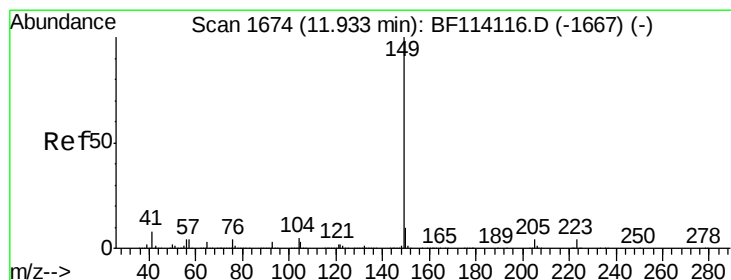
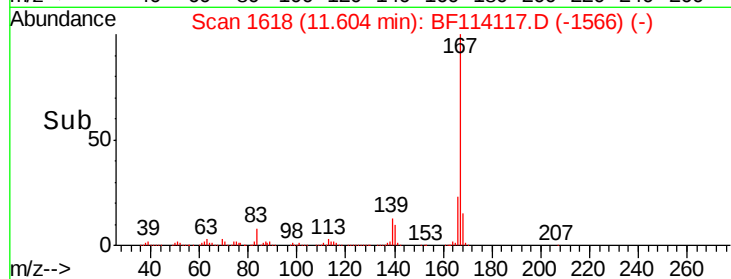
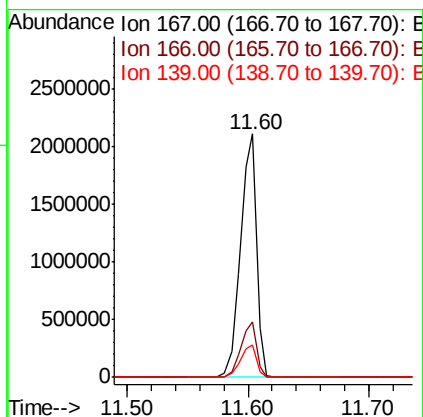
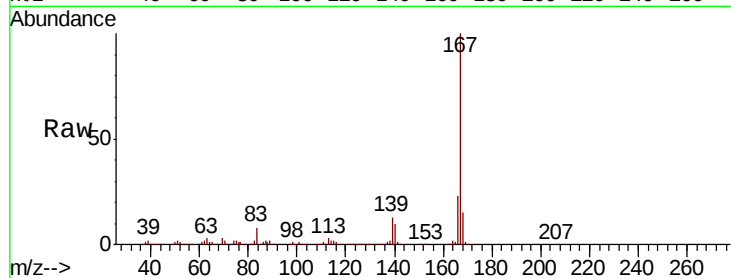




#73
 Carbazole
 Concen: 53.012 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. 0.01 min
 Lab File: BF114117.D
 Acq: 10 May 2019 10:59

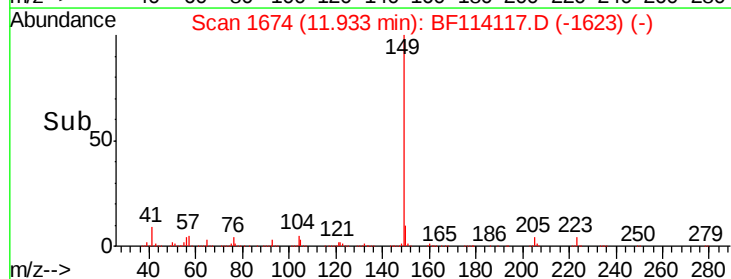
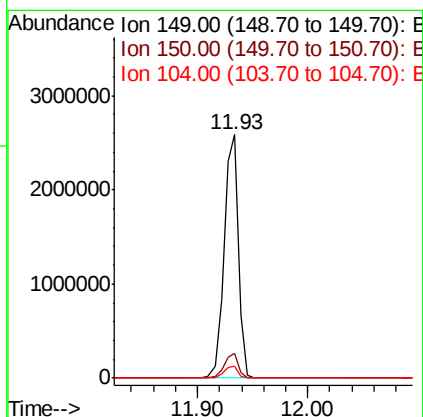
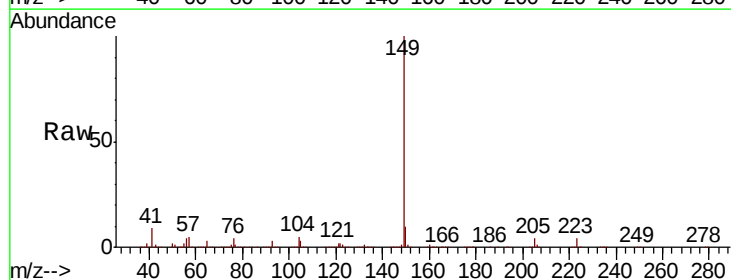
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

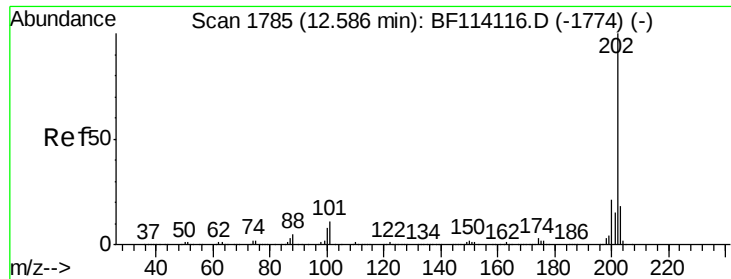
Tot Ion:167 Resp: 1959112
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.2 27.2
 139 13.3 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 51.539 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. -0.00 min
 Lab File: BF114117.D
 Acq: 10 May 2019 10:59

Tgt Ion:149 Resp: 2324481
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.7 11.5
 104 4.7 3.6 5.4





#75

Fluoranthene

Concen: 49.942 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BF114117.D

Acq: 10 May 2019 10:59

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

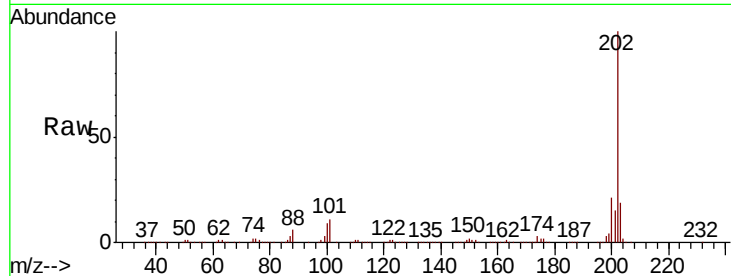
Tot Ion:202 Resp: 2197963

Ion Ratio Lower Upper

202 100

101 11.3 0.0 31.0

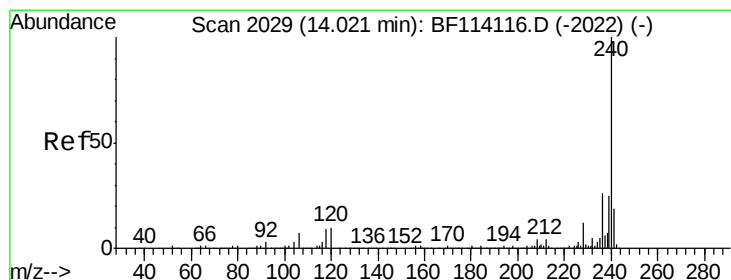
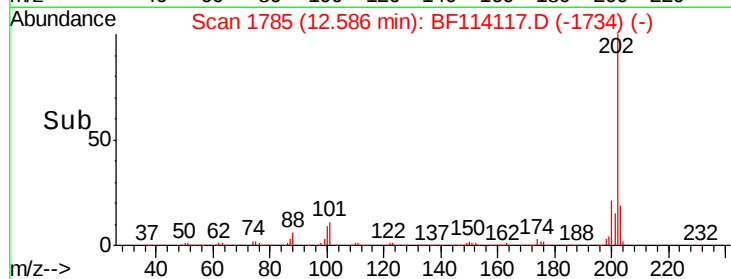
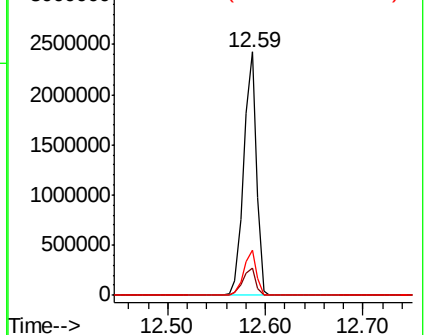
203 18.7 0.0 38.4



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: 14.02 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BF114117.D

Acq: 10 May 2019 10:59

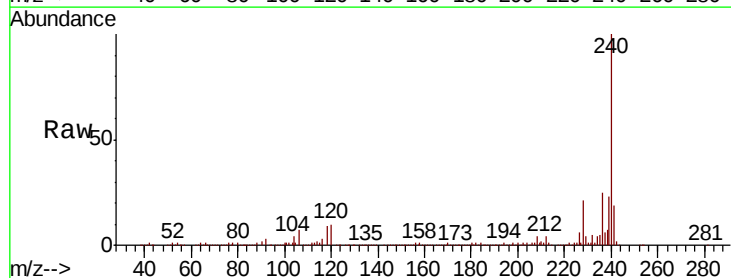
Tgt Ion:240 Resp: 586826

Ion Ratio Lower Upper

240 100

120 10.1 8.3 12.5

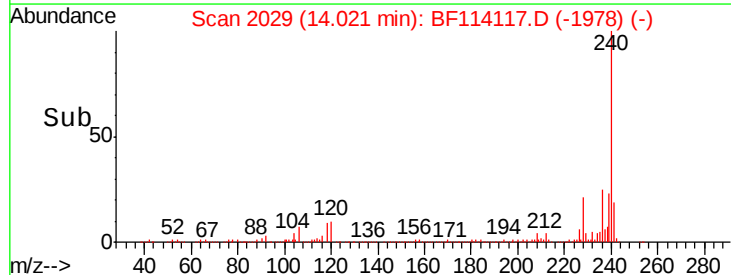
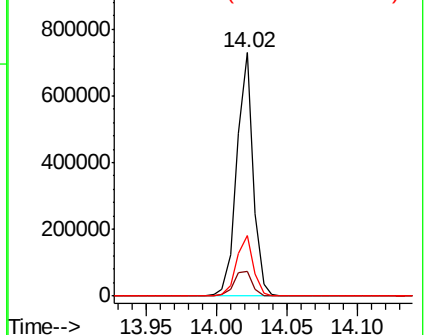
236 25.1 20.8 31.2

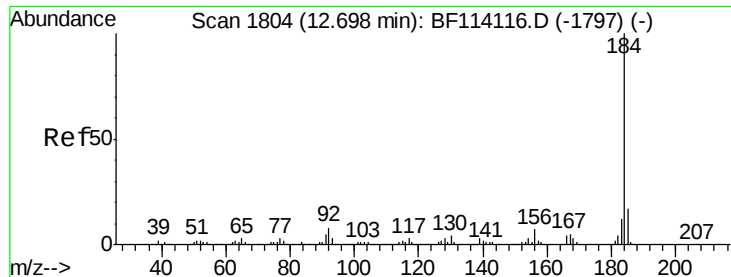


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 75.384 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.01 min

Lab File: BF114117.D

Acq: 10 May 2019 10:59

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

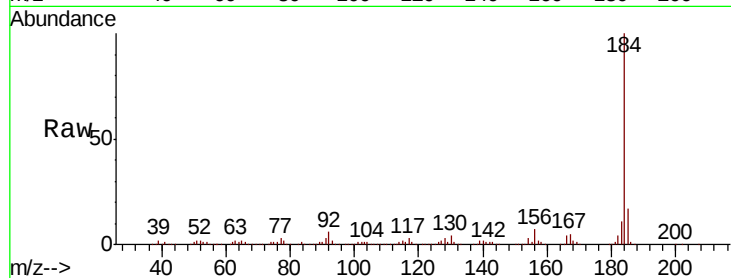
Tot Ion:184 Resp: 1273431

Ion	Ratio	Lower	Upper
184	100		
185	17.2	13.6	20.4
183	11.3	9.2	13.8

184 100

185 17.2 13.6 20.4

183 11.3 9.2 13.8

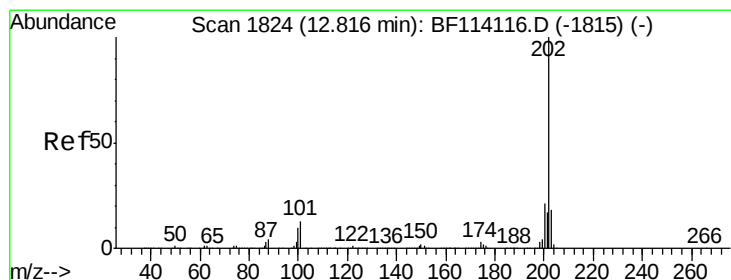
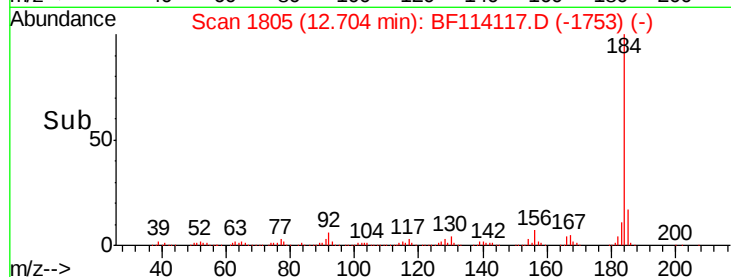
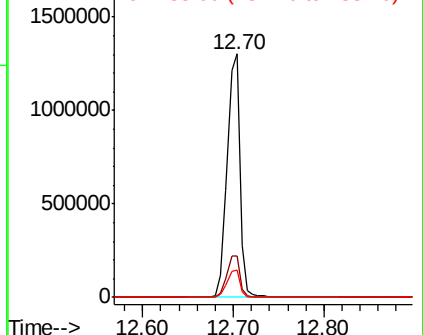


Abundance

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: 54.705 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BF114117.D

Acq: 10 May 2019 10:59

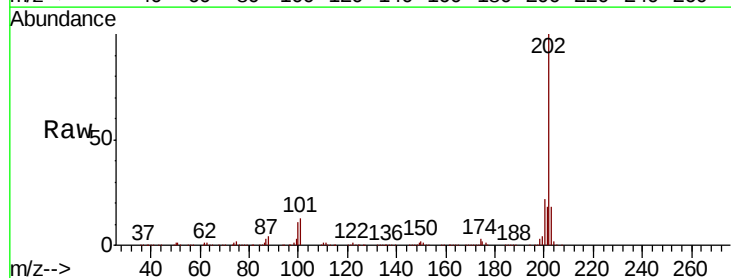
Tgt Ion:202 Resp: 2233649

Ion	Ratio	Lower	Upper
202	100		
200	21.9	16.9	25.3
203	18.4	14.5	21.7

202 100

200 21.9 16.9 25.3

203 18.4 14.5 21.7

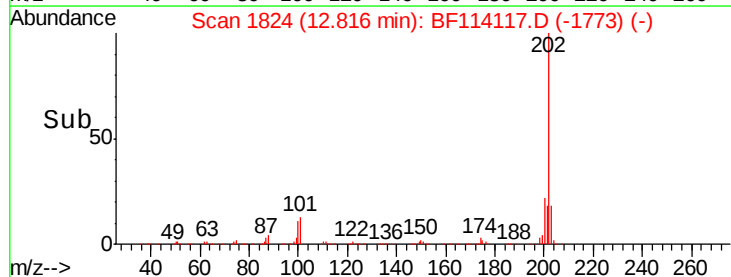
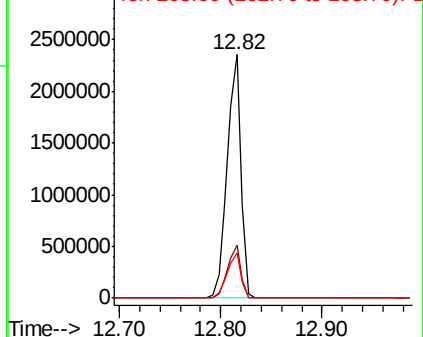


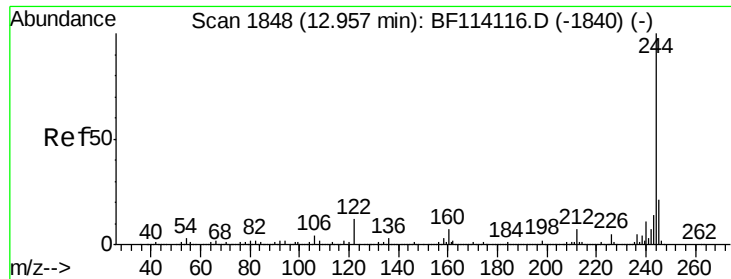
Abundance

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

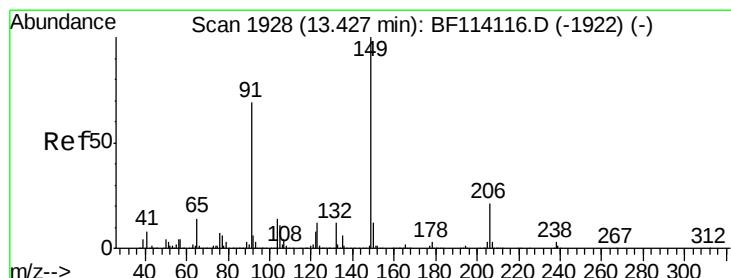
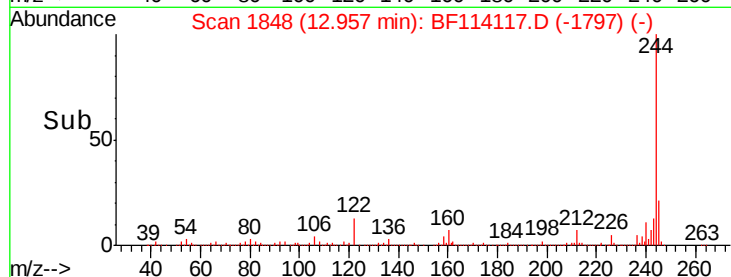
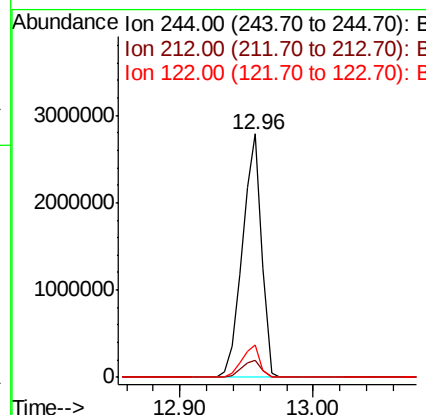
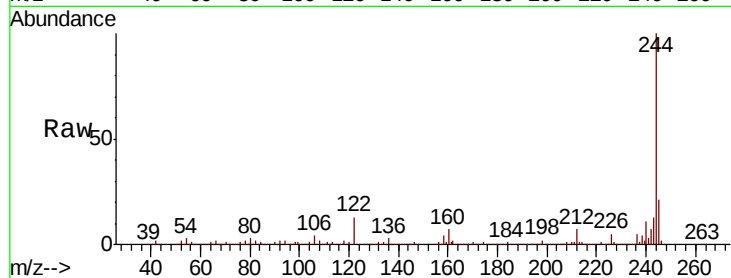




#79
 Terphenyl-d14
 Concen: 94.195 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.00 min
 Lab File: BF114117.D
 Acq: 10 May 2019 10:59

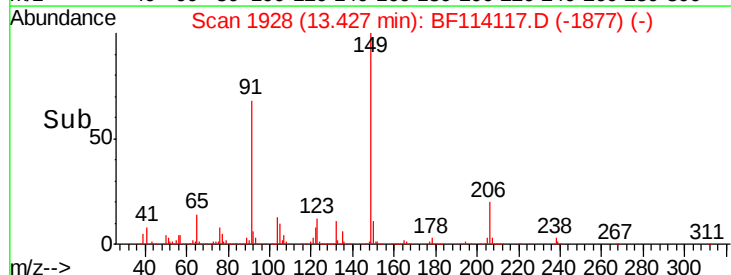
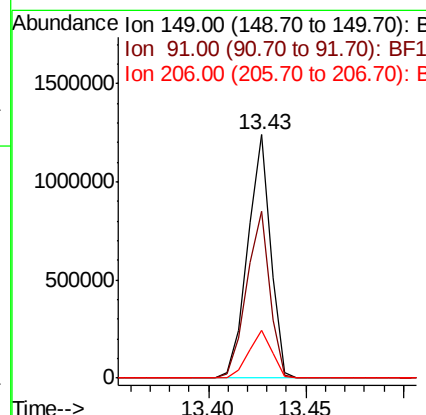
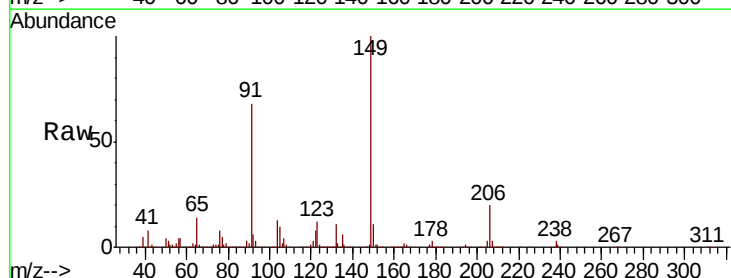
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

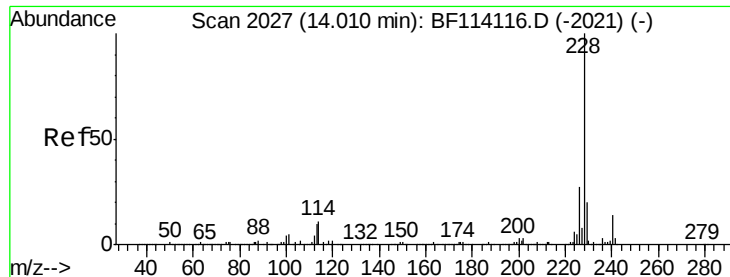
Tot Ion:244 Resp: 2780089
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 13.1 9.4 14.2



#80
 Butylbenzylphthalate
 Concen: 57.172 ng
 RT: 13.43 min Scan# 1928
 Delta R.T. -0.00 min
 Lab File: BF114117.D
 Acq: 10 May 2019 10:59

Tgt Ion:149 Resp: 1006969
 Ion Ratio Lower Upper
 149 100
 91 68.4 55.0 82.4
 206 19.9 16.9 25.3





#81

Benzo(a)anthracene

Concen: 50.510 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BF114117.D

Acq: 10 May 2019 10:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

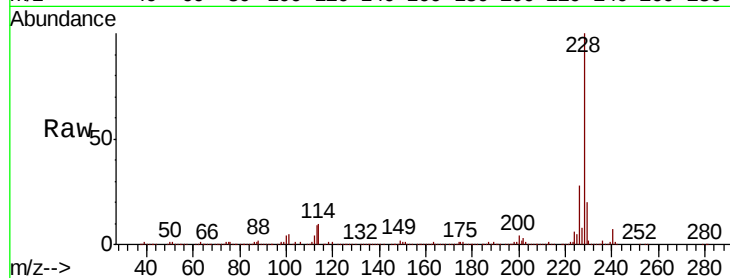
Tot Ion:228 Resp: 1920134

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.2	33.2
229	19.9	16.4	24.6

228 100

226 28.0 22.2 33.2

229 19.9 16.4 24.6

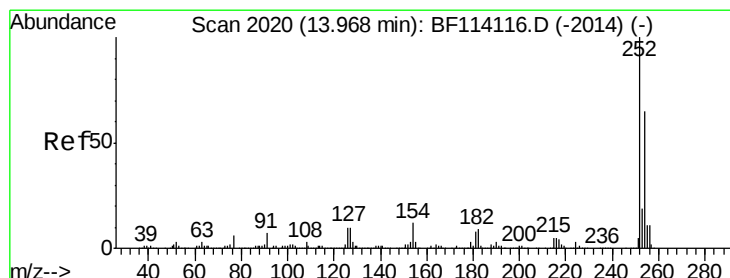
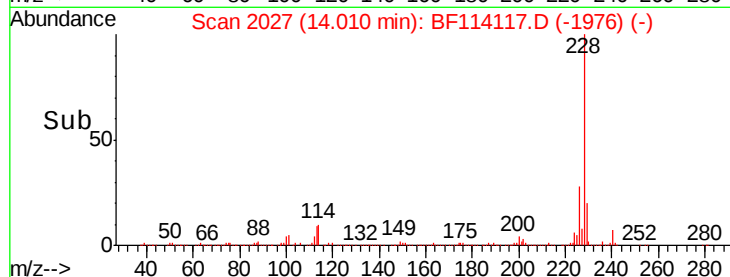
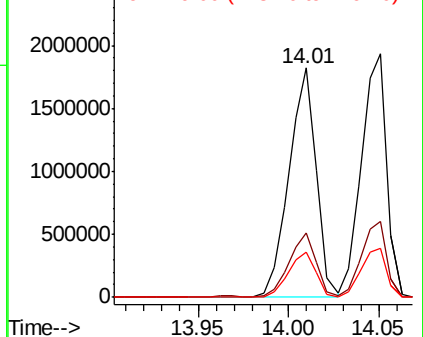


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 54.747 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.00 min

Lab File: BF114117.D

Acq: 10 May 2019 10:59

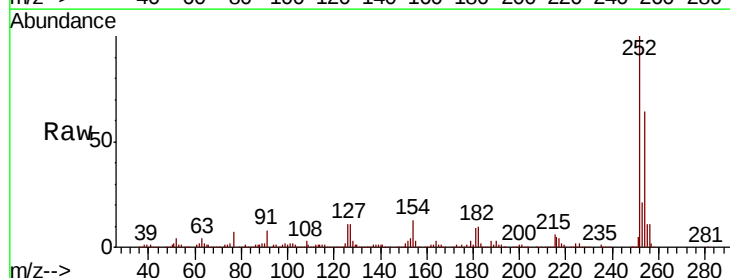
Tgt Ion:252 Resp: 762300

Ion	Ratio	Lower	Upper
252	100		
254	63.7	51.9	77.9
126	10.6	7.9	11.9

252 100

254 63.7 51.9 77.9

126 10.6 7.9 11.9

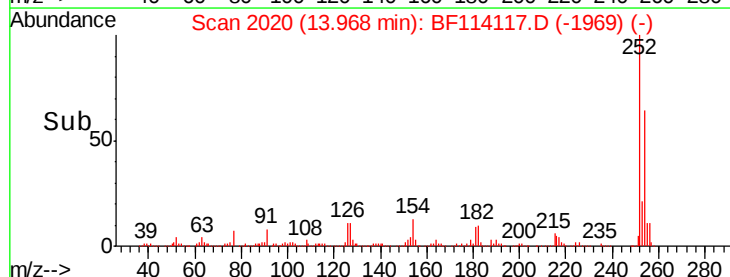
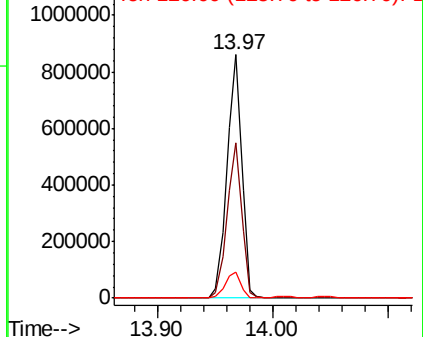


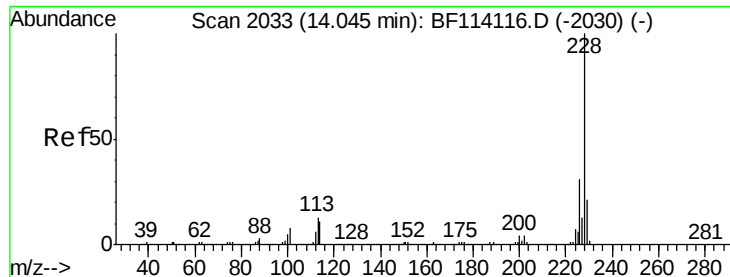
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

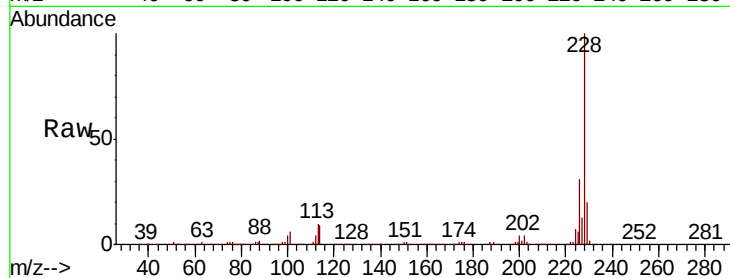




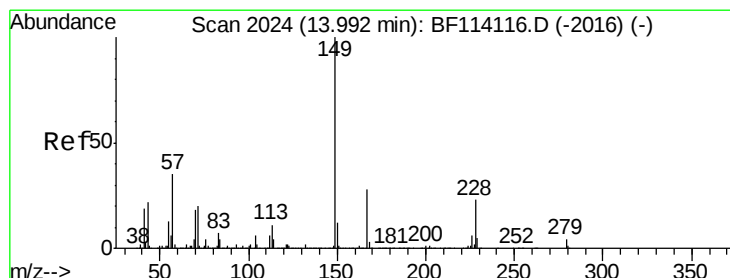
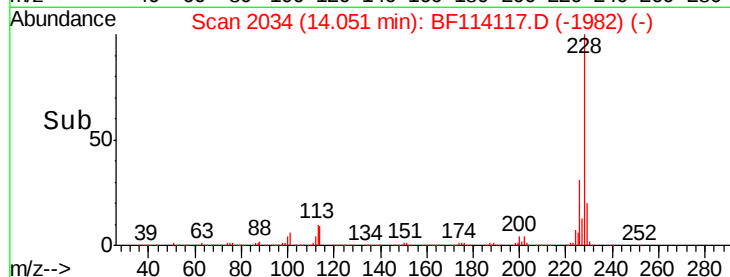
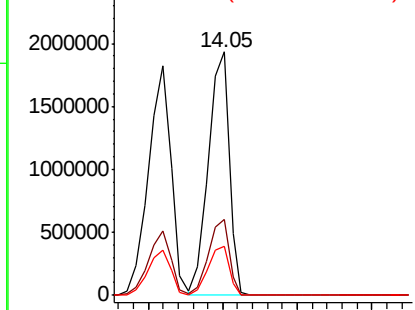
#83
 Chrvsene
 Concen: 50.538 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.01 min
 Lab File: BF114117.D
 Acq: 10 May 2019 10:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:228 Resp: 1872888
 Ion Ratio Lower Upper
 228 100
 226 31.1 25.0 37.6
 229 20.2 17.0 25.6

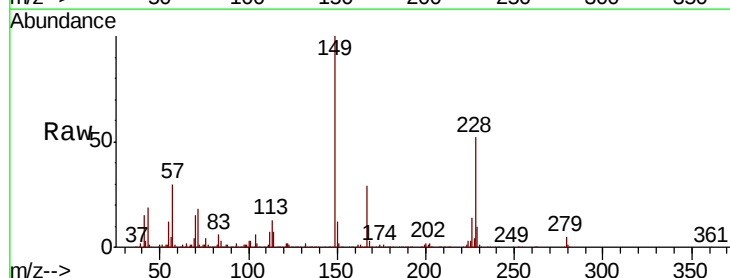


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

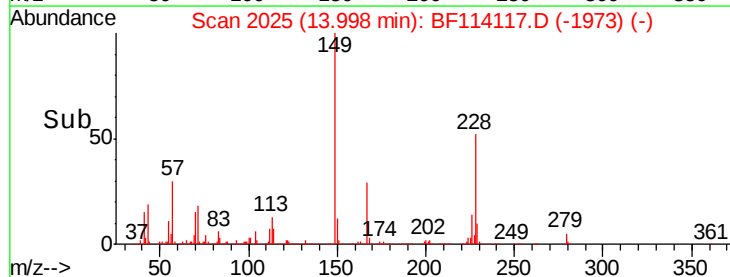
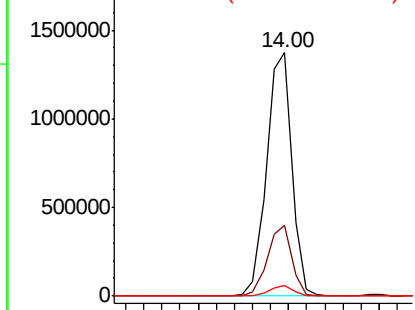


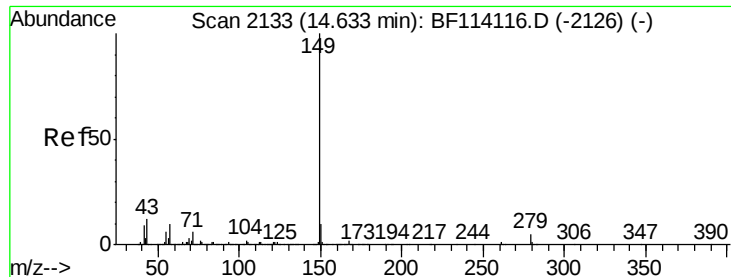
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 53.862 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.01 min
 Lab File: BF114117.D
 Acq: 10 May 2019 10:59

Tgt Ion:149 Resp: 1325979
 Ion Ratio Lower Upper
 149 100
 167 29.0 22.6 33.8
 279 4.6 3.0 4.6#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 53.785 ng

RT: 14.63 min Scan# 2132

Delta R.T. -0.01 min

Lab File: BF114117.D

Acq: 10 May 2019 10:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

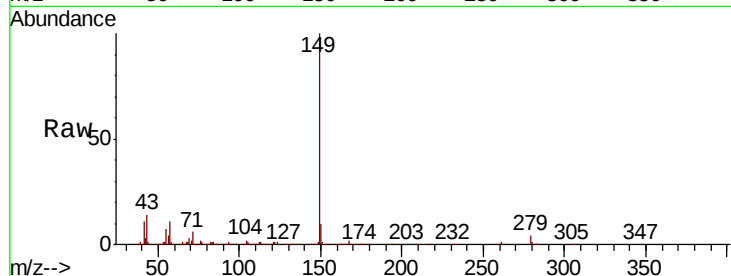
Tot Ion:149 Resp: 2194266

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

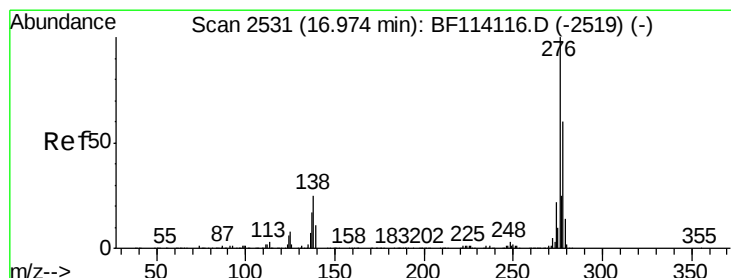
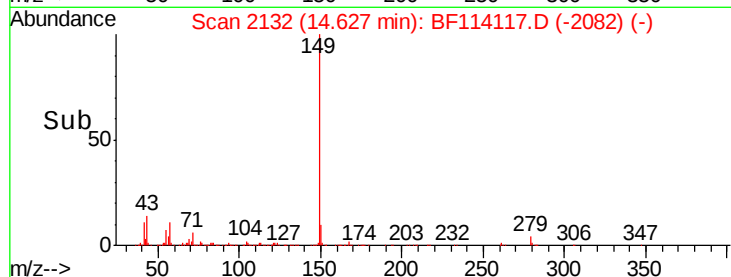
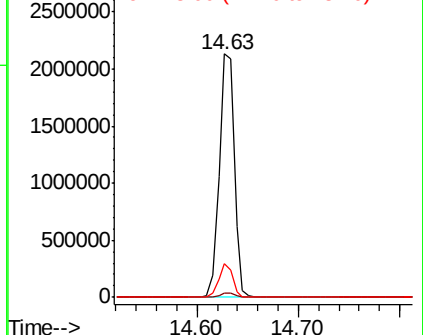
43 12.6 10.1 15.1



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: 49.100 ng

RT: 16.97 min Scan# 2531

Delta R.T. -0.00 min

Lab File: BF114117.D

Acq: 10 May 2019 10:59

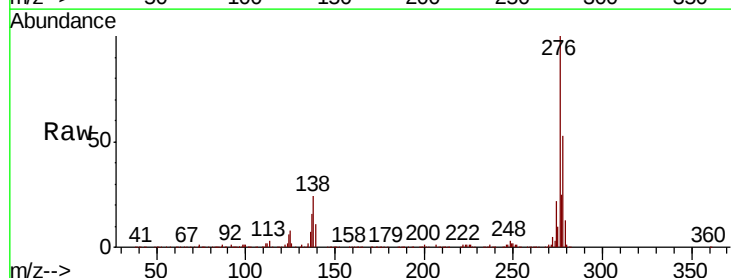
Tgt Ion:276 Resp: 1677252

Ion Ratio Lower Upper

276 100

138 24.6 20.2 30.2

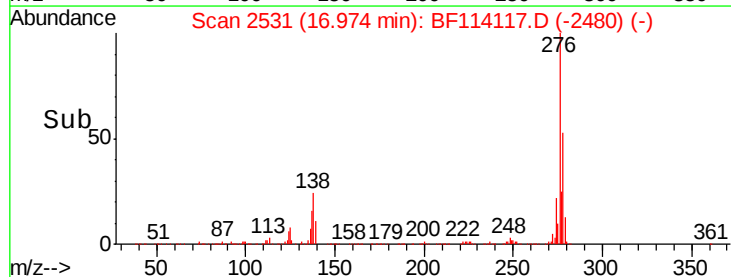
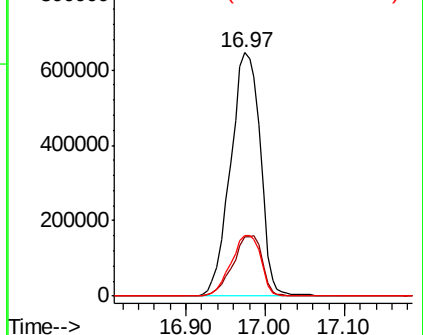
277 25.1 20.0 30.0

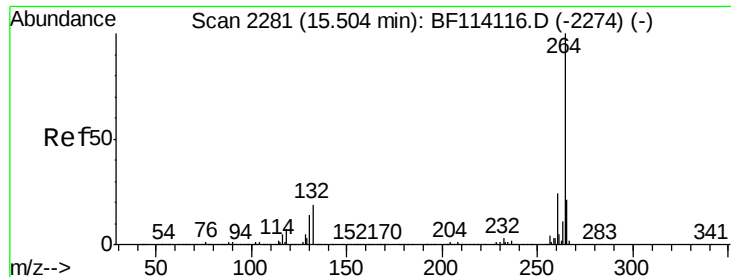


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

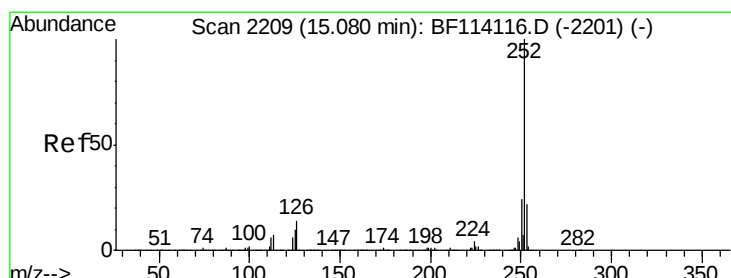
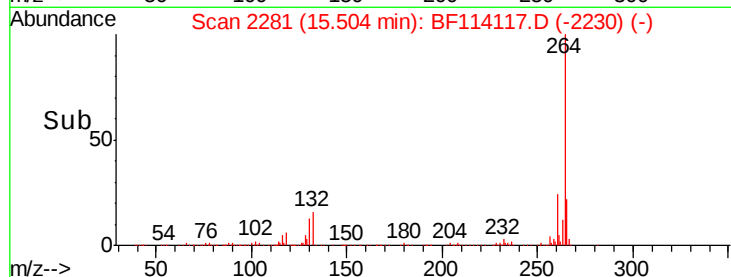
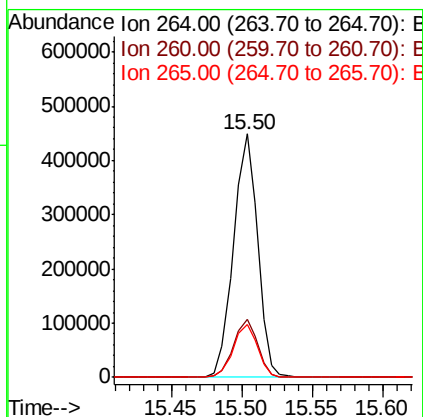
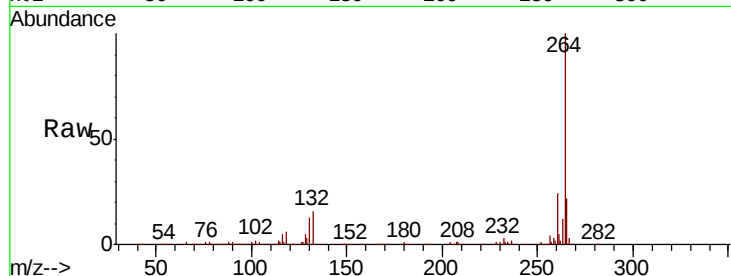




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BF114117.D
Acq: 10 May 2019 10:59

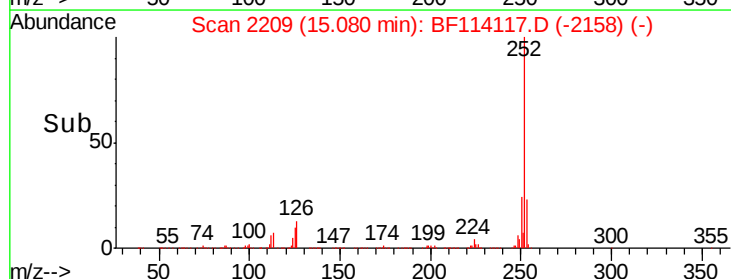
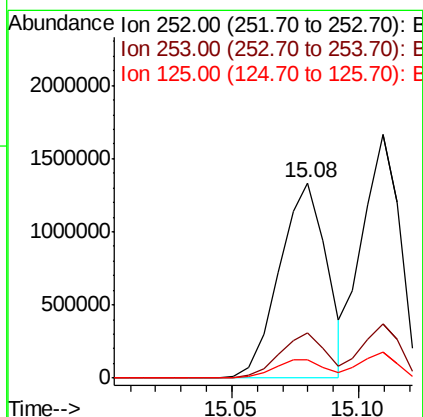
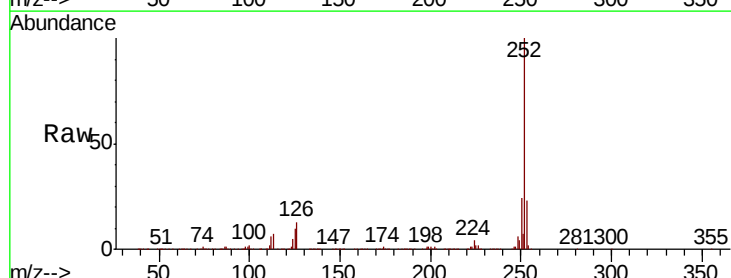
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

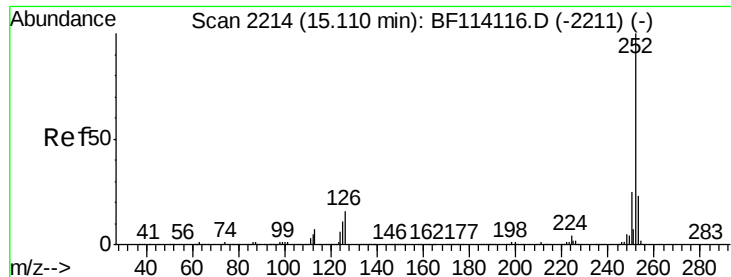
Tot Ion:264 Resp: 536153
Ion Ratio Lower Upper
264 100
260 23.7 19.4 29.0
265 21.8 16.9 25.3



#88
Benzo(b)fluoranthene
Concen: 52.063 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.00 min
Lab File: BF114117.D
Acq: 10 May 2019 10:59

Tgt Ion:252 Resp: 1734375
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 9.5 8.3 12.5

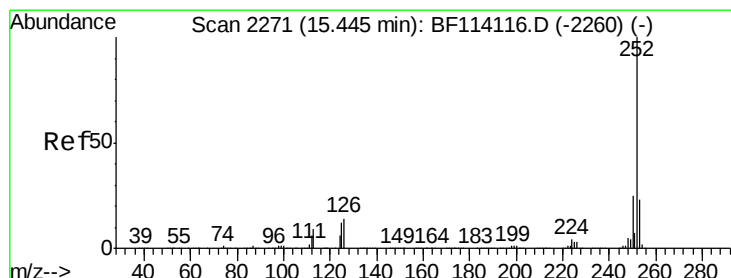
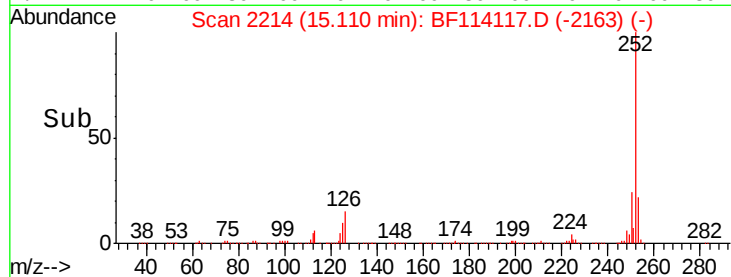
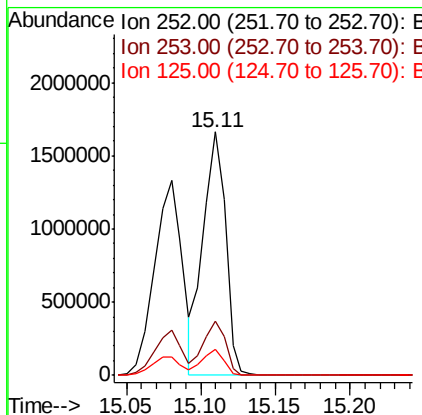
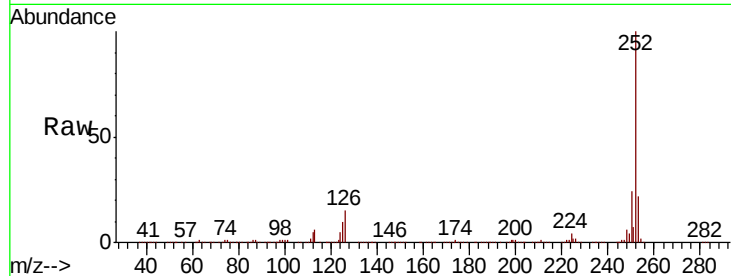




#89
Benzo(k)fluoranthene
Concen: 58.861 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.00 min
Lab File: BF114117.D
Acq: 10 May 2019 10:59

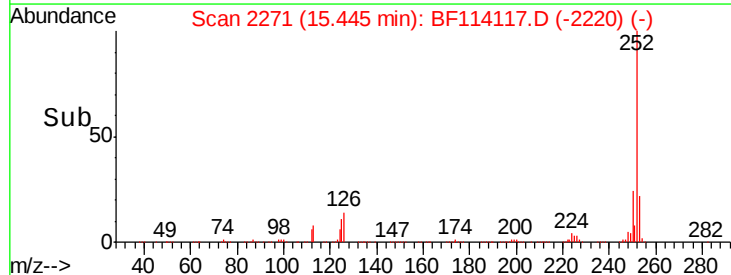
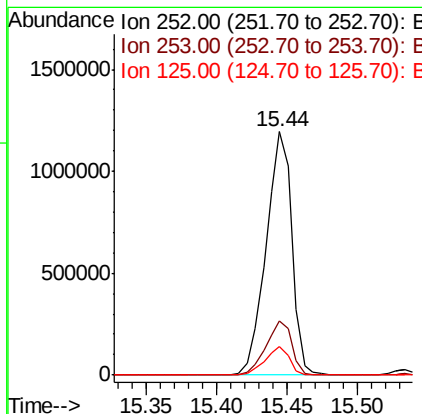
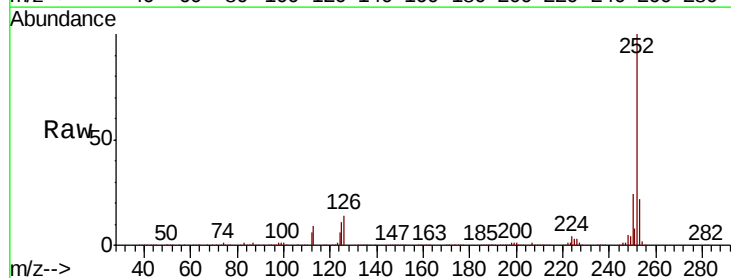
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

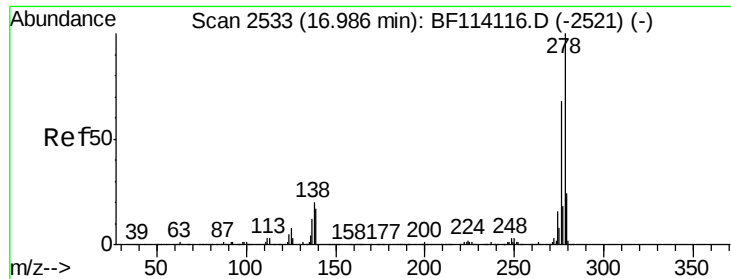
Tot Ion:252 Resp: 1730341
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.2
125 10.4 8.6 13.0



#90
Benzo(a)pyrene
Concen: 52.414 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.00 min
Lab File: BF114117.D
Acq: 10 May 2019 10:59

Tgt Ion:252 Resp: 1535111
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 11.5 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 57.138 ng

RT: 16.99 min Scan# 2534

Delta R.T. 0.01 min

Lab File: BF114117.D

Acq: 10 May 2019 10:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

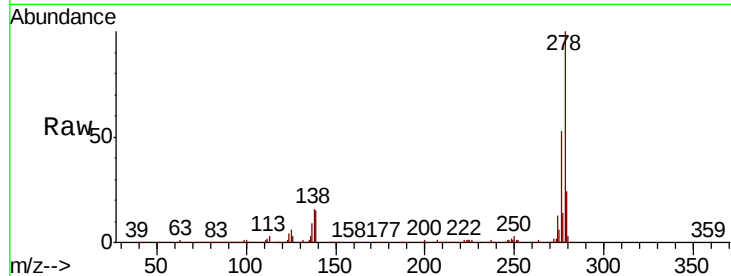
Tot Ion:278 Resp: 1406446

Ion Ratio Lower Upper

278 100

139 15.4 13.5 20.3

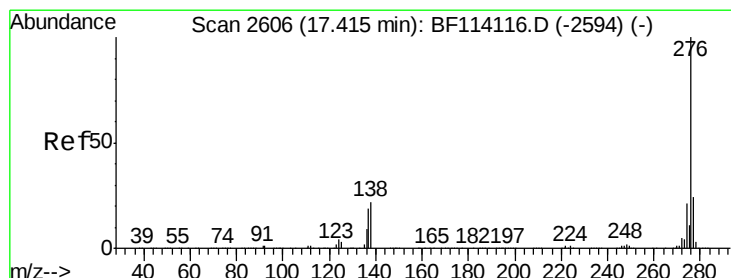
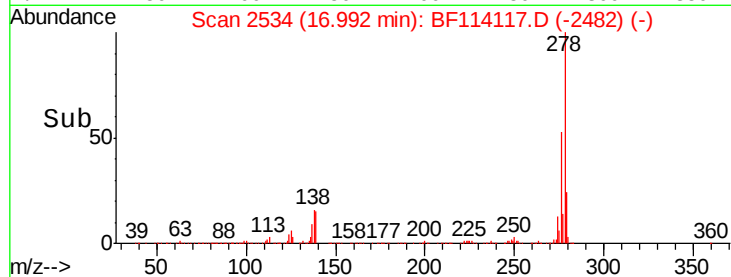
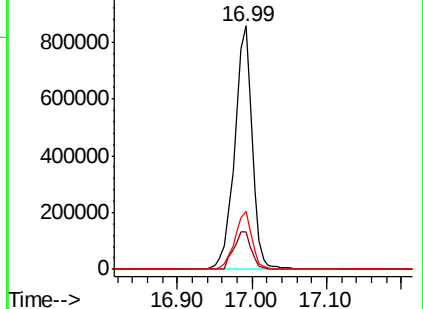
279 23.6 19.0 28.6



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: 72.447 ng

RT: 17.42 min Scan# 2607

Delta R.T. 0.01 min

Lab File: BF114117.D

Acq: 10 May 2019 10:59

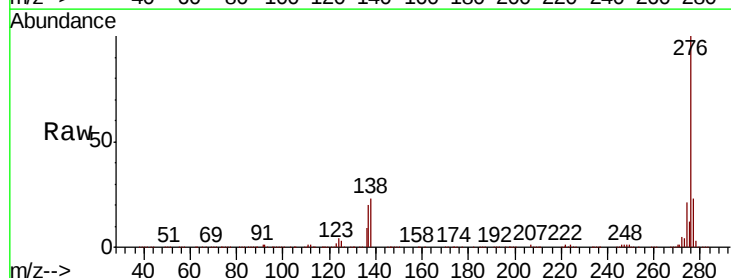
Tgt Ion:276 Resp: 1757089

Ion Ratio Lower Upper

276 100

277 23.5 19.0 28.4

138 23.1 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

