

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030419\
 Data File : BF112816.D
 Acq On : 4 Mar 2019 11:32
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 05 00:34:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	203712	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	807928	20.00	ng	0.00
39) Acenaphthene-d10	9.78	164	383112	20.00	ng	0.01
64) Phenanthrene-d10	11.26	188	755574	20.00	ng	0.01
76) Chrysene-d12	13.89	240	466518	20.00	ng	0.01
87) Perylene-d12	15.29	264	420012	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	1004880	76.73	ng	0.00
7) Phenol-d6	6.38	99	1266611	76.99	ng	0.01
23) Nitrobenzene-d5	7.31	82	1136315	84.16	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	376773	92.64	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1931431	83.01	ng	0.00
79) Terphenyl-d14	12.84	244	1965740	81.68	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	231410	35.252	ng	99
3) Pyridine	3.15	79	646785	36.828	ng	100
4) n-Nitrosodimethylamine	3.08	42	281388	36.626	ng	100
6) Aniline	6.41	93	851128	37.587	ng	99
8) 2-Chlorophenol	6.53	128	575472	39.475	ng	94
9) Benzaldehyde	6.29	77	412607	34.809	ng	98
10) Phenol	6.40	94	734795	38.277	ng	86
11) bis(2-Chloroethyl)ether	6.49	93	553209	37.545	ng	95
12) 1,3-Dichlorobenzene	6.69	146	596606	39.617	ng	99
13) 1,4-Dichlorobenzene	6.76	146	600017	39.730	ng	100
14) 1,2-Dichlorobenzene	6.92	146	553789	40.000	ng	98
15) Benzyl Alcohol	6.89	79	495296	39.484	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.03	45	901479	36.661	ng	98
17) 2-Methylphenol	7.00	107	457360	38.673	ng	98
18) Hexachloroethane	7.26	117	229625	39.692	ng	94
19) n-Nitroso-di-n-propylamine	7.17	70	384873	36.940	ng	97
20) 3+4-Methylphenols	7.16	107	518597	38.841	ng	90
22) Acetophenone	7.16	105	760225	40.242	ng	99
24) Nitrobenzene	7.33	77	604407	40.220	ng	99
25) Isophorone	7.57	82	1084659	37.289	ng	100
26) 2-Nitrophenol	7.65	139	305687	48.865	ng	98
27) 2,4-Dimethylphenol	7.69	122	446606	38.375	ng	99
28) bis(2-Chloroethoxy)methane	7.78	93	695980	38.270	ng	99
29) 2,4-Dichlorophenol	7.89	162	470692	41.706	ng	99
30) 1,2,4-Trichlorobenzene	7.97	180	503687	41.535	ng	98
31) Naphthalene	8.05	128	1567325	39.074	ng	100
32) Benzoic acid	7.82	122	295103	36.178	ng	92
33) 4-Chloroaniline	8.10	127	683719	40.244	ng	99
34) Hexachlorobutadiene	8.17	225	297336	43.476	ng	98
35) Caprolactam	8.47	113	159469	40.118	ng	97
36) 4-Chloro-3-methylphenol	8.58	107	498913	39.945	ng	98
37) 2-Methylnaphthalene	8.74	142	1037681	40.059	ng	100
38) 1-Methylnaphthalene	8.84	142	999150	39.819	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.91	216	474068	42.434	ng	99

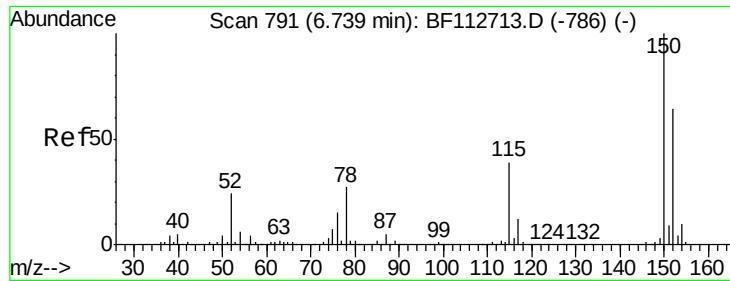
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030419\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.90	237	262683	42.938	ng	98
43) 2,4,6-Trichlorophenol	9.02	196	329569	42.863	ng	98
44) 2,4,5-Trichlorophenol	9.06	196	358147	43.095	ng	99
46) 1,1'-Biphenyl	9.20	154	1275560	40.820	ng	99
47) 2-Chloronaphthalene	9.23	162	972110	39.840	ng	100
48) 2-Nitroaniline	9.32	65	330408	44.550	ng	99
49) Acenaphthylene	9.64	152	1621236	39.139	ng	100
50) Dimethylphthalate	9.51	163	1148136	40.644	ng	98
51) 2,6-Dinitrotoluene	9.56	165	260153	44.225	ng	86
52) Acenaphthene	9.81	154	963231	39.764	ng	99
53) 3-Nitroaniline	9.73	138	308765	43.076	ng	91
54) 2,4-Dinitrophenol	9.83	184	121726	52.961	ng	94
55) Dibenzofuran	9.99	168	1386686	39.387	ng	96
56) 4-Nitrophenol	9.89	139	249174	42.773	ng	96
57) 2,4-Dinitrotoluene	9.96	165	349143	47.748	ng	91
58) Fluorene	10.33	166	998885	39.974	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	307308	44.383	ng	96
60) Diethylphthalate	10.20	149	1133143	37.980	ng	99
61) 4-Chlorophenyl-phenylether	10.32	204	489416	42.096	ng	98
62) 4-Nitroaniline	10.34	138	292678	44.187	ng	97
63) Azobenzene	10.48	77	1119469	36.633	ng	93
65) 4,6-Dinitro-2-methylphenol	10.37	198	146191	47.177	ng	# 76
66) n-Nitrosodiphenylamine	10.43	169	943167	38.922	ng	100
67) 4-Bromophenyl-phenylether	10.80	248	337358	42.390	ng	97
68) Hexachlorobenzene	10.87	284	381367	42.510	ng	94
69) Atrazine	10.96	200	300853	40.538	ng	99
70) Pentachlorophenol	11.06	266	238189	45.109	ng	99
71) Phenanthrene	11.28	178	1515581	40.316	ng	100
72) Anthracene	11.33	178	1527402	38.814	ng	99
73) Carbazole	11.48	167	1481835	38.602	ng	100
74) Di-n-butylphthalate	11.82	149	1738958	37.780	ng	99
75) Fluoranthene	12.46	202	1611799	40.019	ng	98
77) Benzidine	12.58	184	840261	34.716	ng	99
78) Pyrene	12.69	202	1617359	41.124	ng	99
80) Butylbenzylphthalate	13.31	149	680897	39.222	ng	98
81) Benzo(a)anthracene	13.87	228	1192974	36.897	ng	99
82) 3,3'-Dichlorobenzidine	13.84	252	490774	40.134	ng	# 98
83) Chrysene	13.91	228	1190878	37.602	ng	99
84) Bis(2-ethylhexyl)phthalate	13.87	149	744008	36.539	ng	98
85) Di-n-octyl phthalate	14.49	149	1265055	36.181	ng	97
86) Indeno(1,2,3-cd)pyrene	16.66	276	1174621	43.504	ng	95
88) Benzo(b)fluoranthene	14.89	252	1055403	38.848	ng	97
89) Benzo(k)fluoranthene	14.92	252	975182	39.628	ng	97
90) Benzo(a)pyrene	15.23	252	949407	39.509	ng	98
91) Dibenzo(a,h)anthracene	16.68	278	947896	46.227	ng	97
92) Benzo(g,h,i)perylene	17.07	276	983208	47.751	ng	96

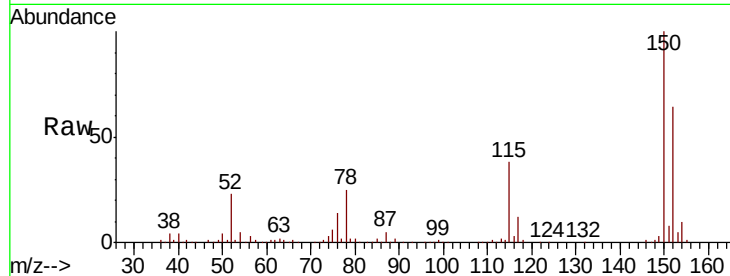
(#) = qualifier out of range (m) = manual integration (+) = signals summed



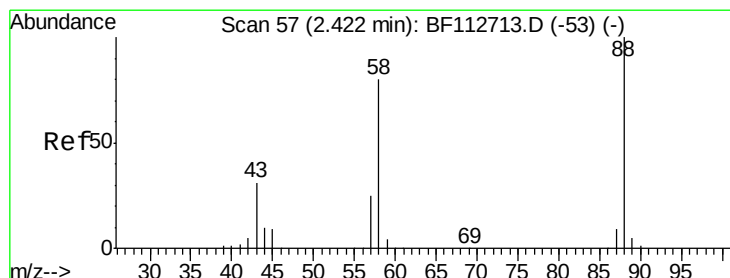
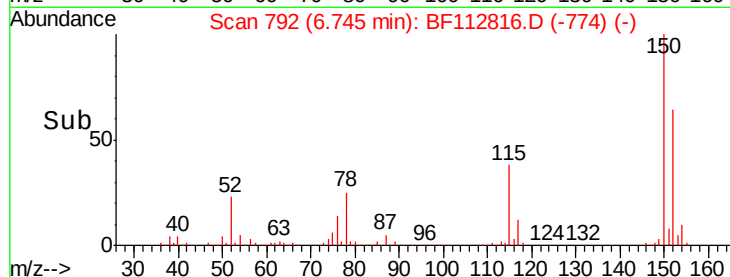
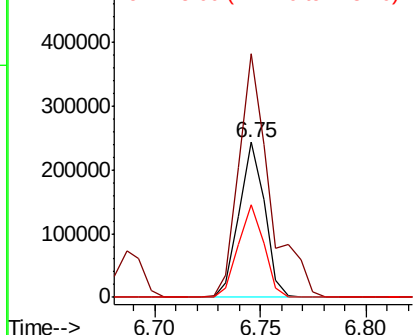
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.75 min Scan# 792
 Delta R.T. 0.01 min
 Lab File: BF112816.D
 Acq: 4 Mar 2019 11:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 152 Resp: 203712
 Ion Ratio Lower Upper
 152 100
 150 156.9 124.2 186.2
 115 59.9 48.2 72.4

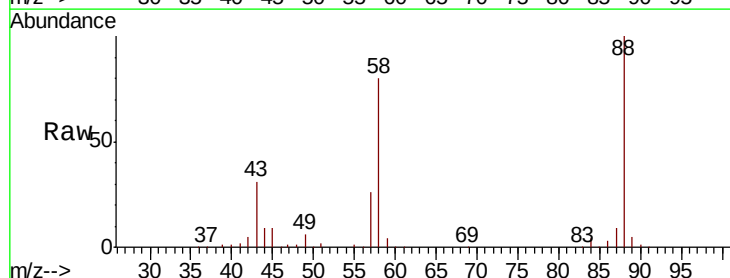


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

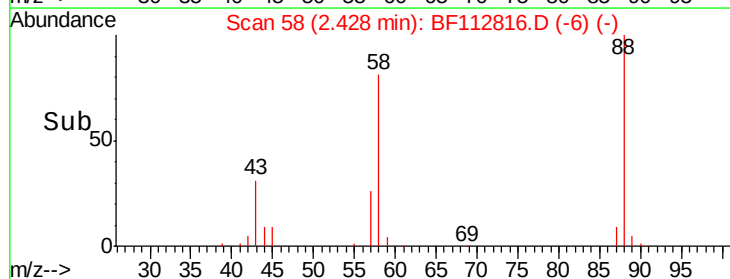
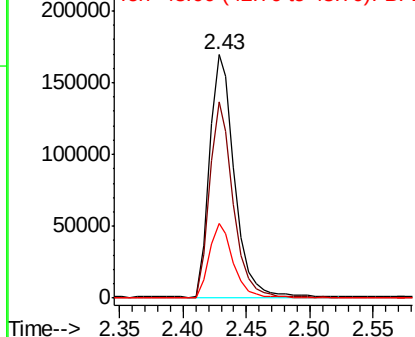


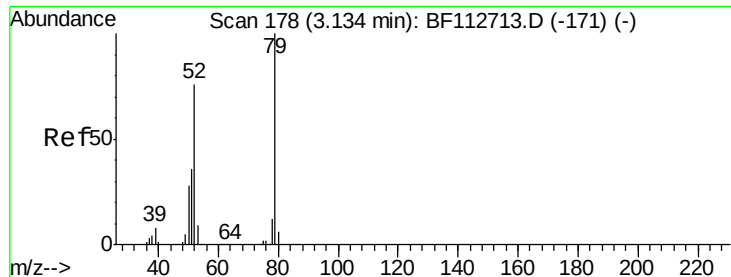
#2
 1,4-Dioxane
 Concen: 35.252 ng
 RT: 2.43 min Scan# 58
 Delta R.T. 0.01 min
 Lab File: BF112816.D
 Acq: 4 Mar 2019 11:32

Tgt Ion: 88 Resp: 231410
 Ion Ratio Lower Upper
 88 100
 58 77.8 63.1 94.7
 43 30.3 24.3 36.5



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

Pyridine

Concen: 36.828 ng

RT: 3.15 min Scan# 180

Delta R.T. 0.01 min

Lab File: BF112816.D

Acq: 4 Mar 2019 11:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

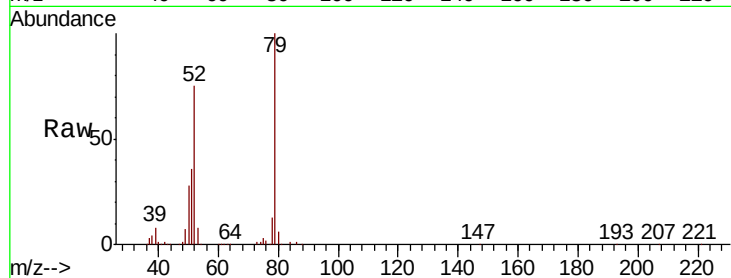
Tgt Ion: 79 Resp: 646785

Ion Ratio Lower Upper

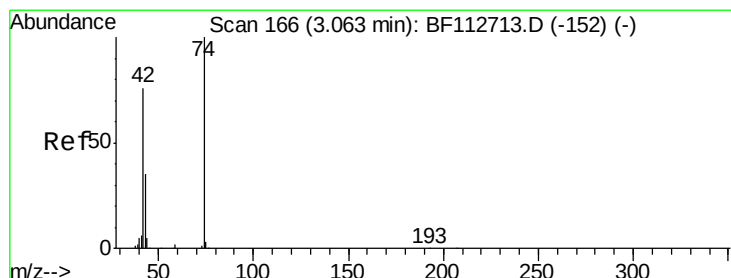
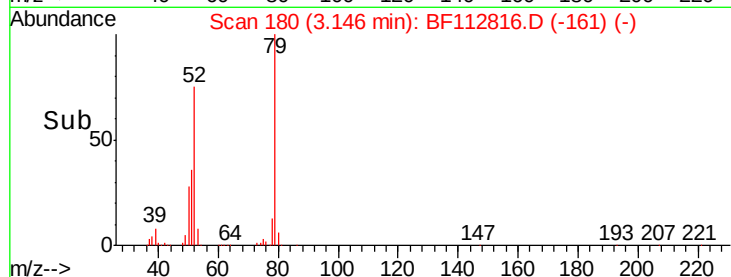
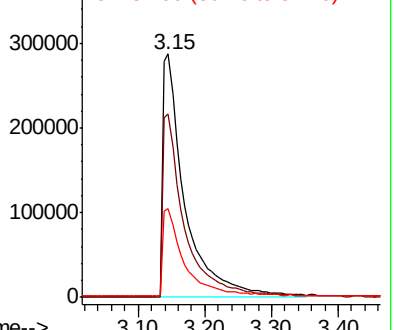
79 100

52 75.4 60.5 90.7

51 36.4 28.8 43.2



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: 36.626 ng

RT: 3.08 min Scan# 168

Delta R.T. 0.01 min

Lab File: BF112816.D

Acq: 4 Mar 2019 11:32

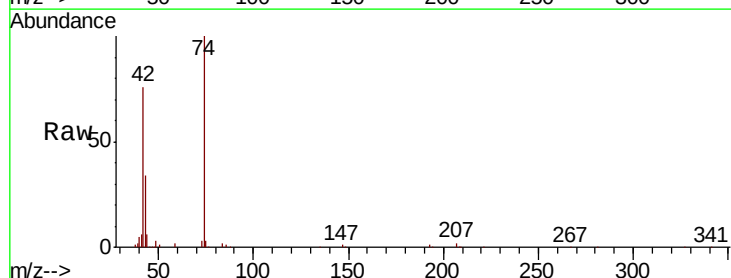
Tgt Ion: 42 Resp: 281388

Ion Ratio Lower Upper

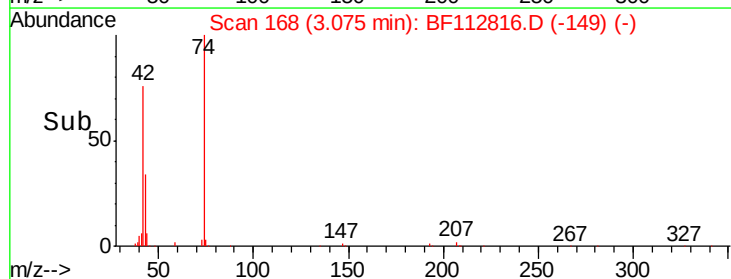
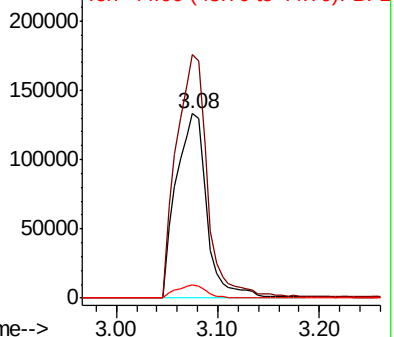
42 100

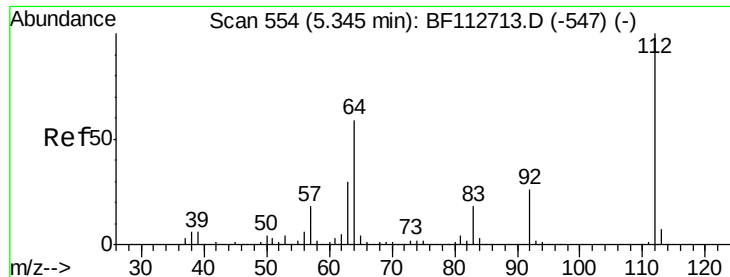
74 132.1 105.8 158.8

44 7.3 6.2 9.2



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

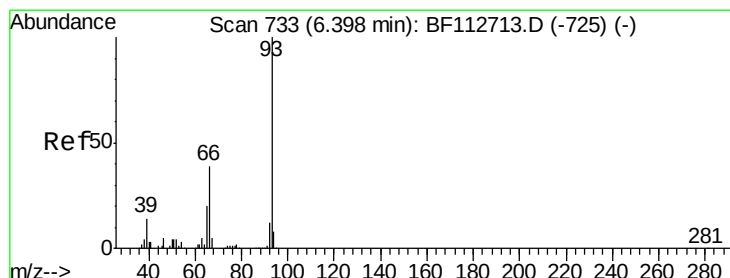
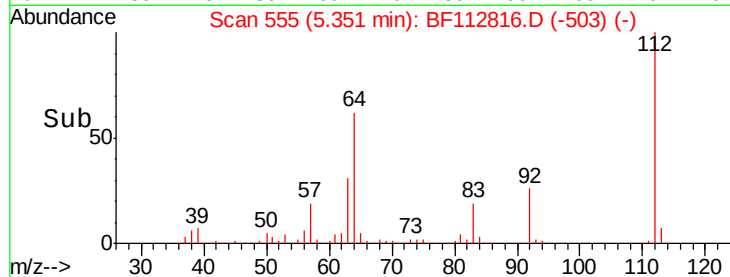
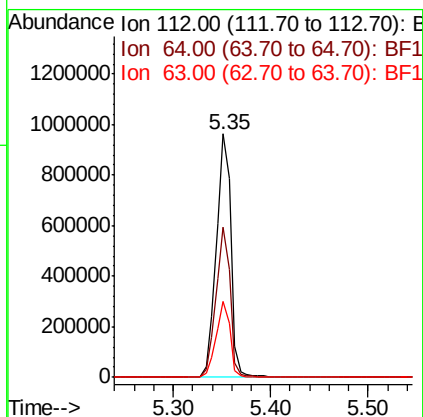
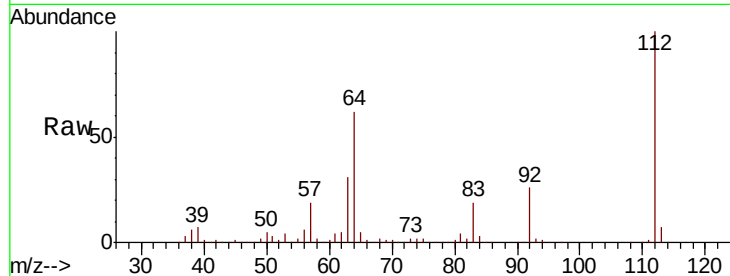




#5
 2-Fluorophenol
 Concen: 76.733 ng
 RT: 5.35 min Scan# 555
 Delta R.T. 0.01 min
 Lab File: BF112816.D
 Acq: 4 Mar 2019 11:32

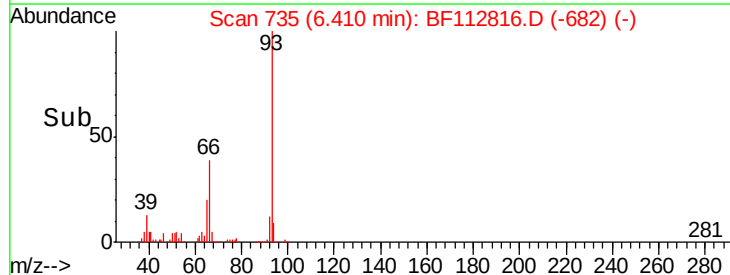
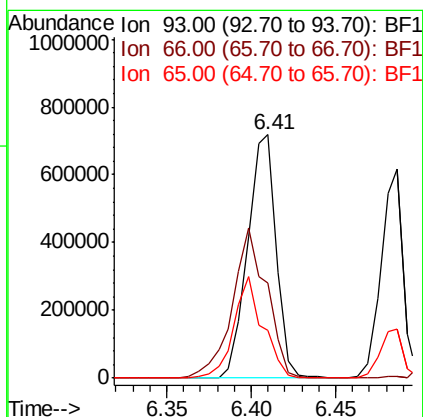
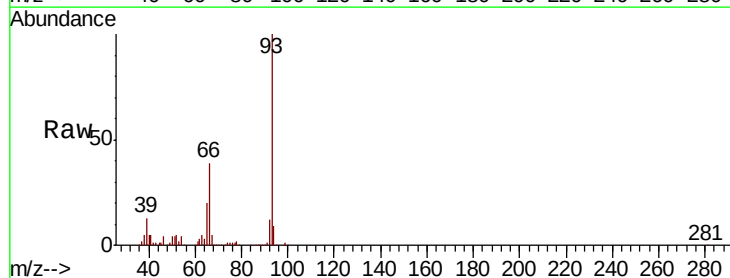
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

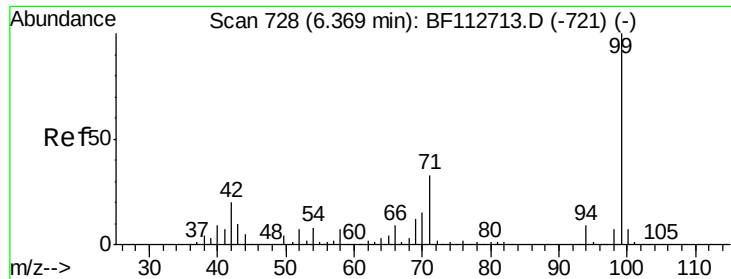
Tgt Ion: 112 Resp: 1004880
 Ion Ratio Lower Upper
 112 100
 64 61.6 47.6 71.4
 63 31.3 24.4 36.6



#6
 Aniline
 Concen: 37.587 ng
 RT: 6.41 min Scan# 735
 Delta R.T. 0.01 min
 Lab File: BF112816.D
 Acq: 4 Mar 2019 11:32

Tgt Ion: 93 Resp: 851128
 Ion Ratio Lower Upper
 93 100
 66 39.3 32.2 48.2
 65 19.7 16.2 24.4





#7

Phenol-d6

Concen: 76.995 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF112816.D

Acq: 4 Mar 2019 11:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

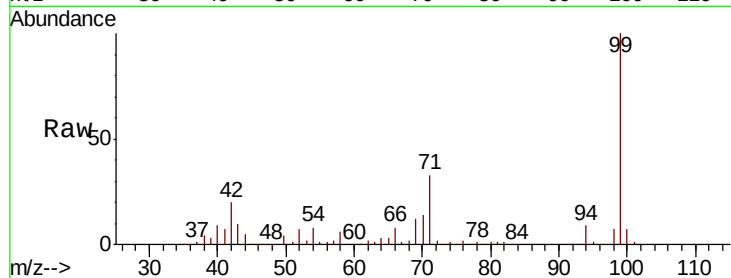
Tgt Ion: 99 Resp: 1266611

Ion Ratio Lower Upper

99 100

42 19.5 16.3 24.5

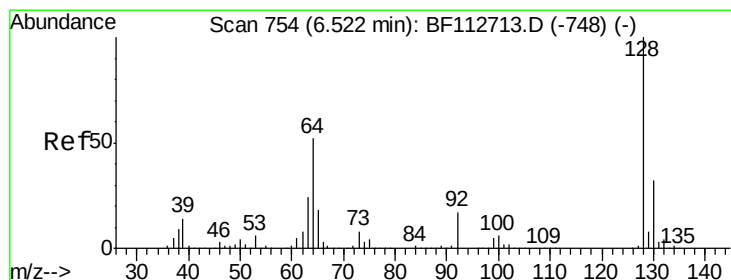
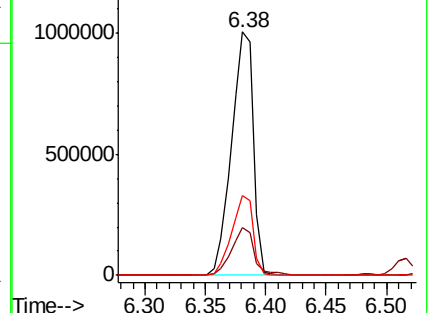
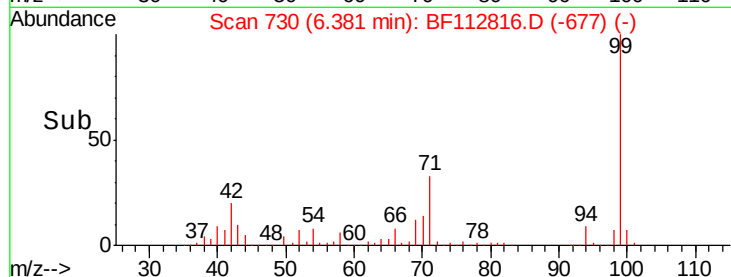
71 32.6 26.2 39.4



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: 39.475 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF112816.D

Acq: 4 Mar 2019 11:32

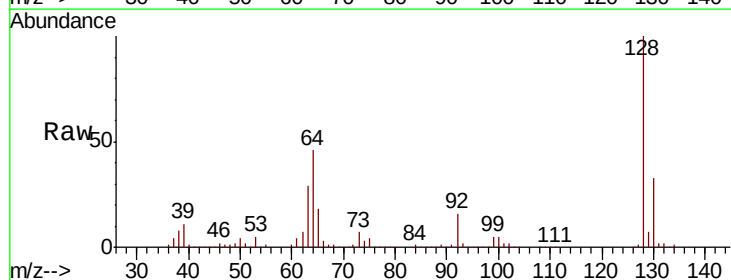
Tgt Ion: 128 Resp: 575472

Ion Ratio Lower Upper

128 100

130 33.2 12.4 52.4

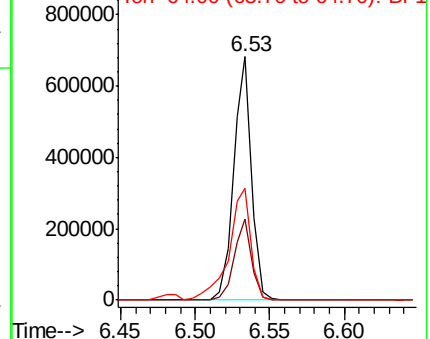
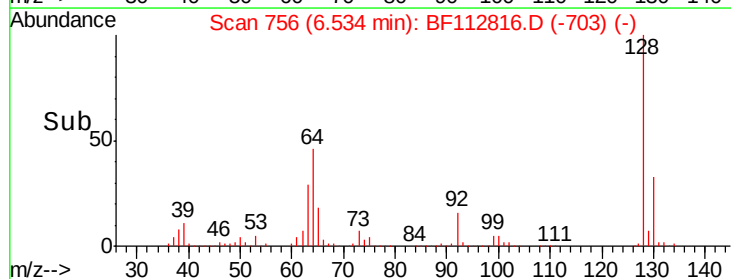
64 46.0 32.2 72.2

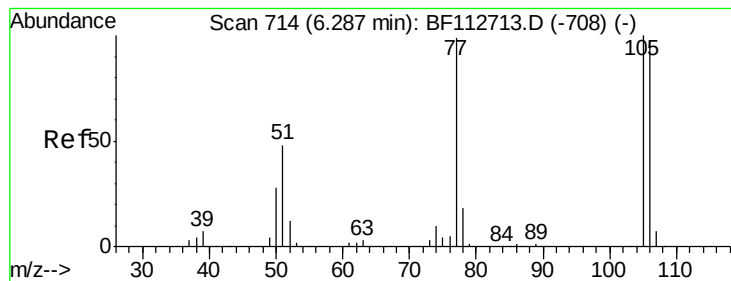


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 34.809 ng

RT: 6.29 min Scan# 715

Delta R.T. 0.01 min

Lab File: BF112816.D

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Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

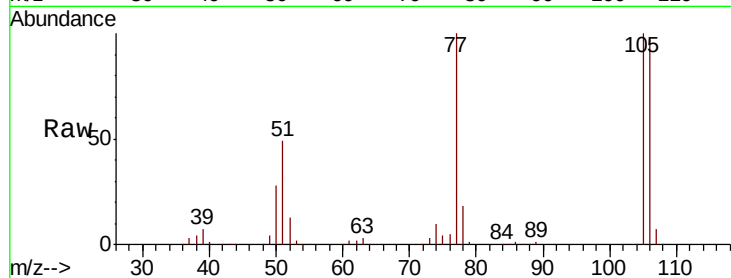
Tgt Ion: 77 Resp: 412607

Ion Ratio Lower Upper

77 100

105 100.0 81.4 121.4

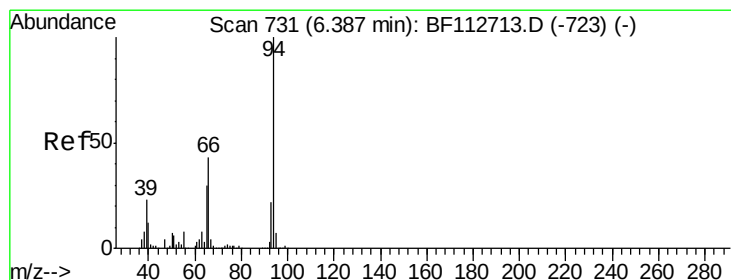
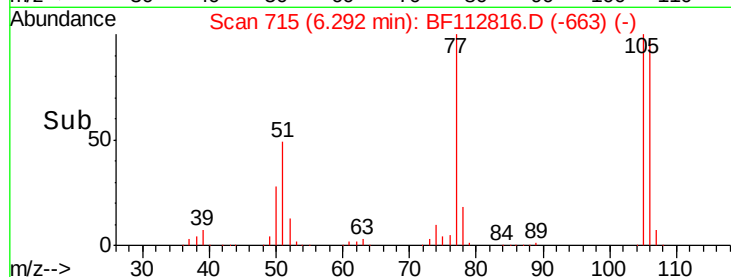
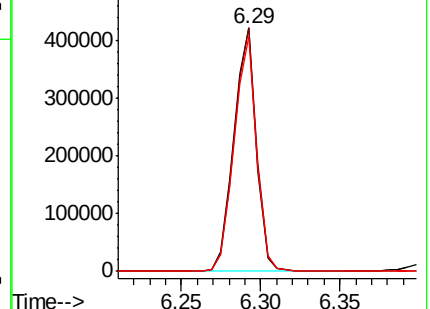
106 96.6 78.3 118.3



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: 38.277 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF112816.D

Acq: 4 Mar 2019 11:32

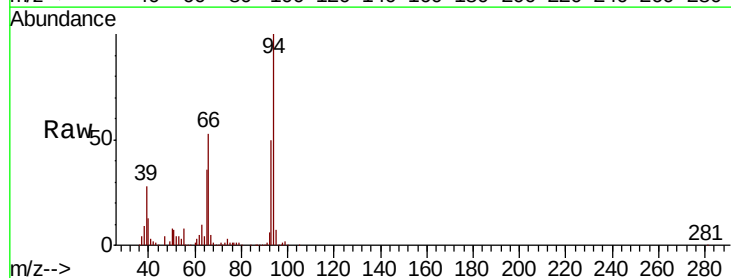
Tgt Ion: 94 Resp: 734795

Ion Ratio Lower Upper

94 100

65 36.1 10.5 50.5

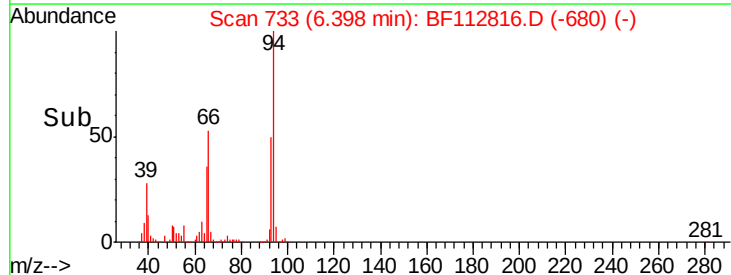
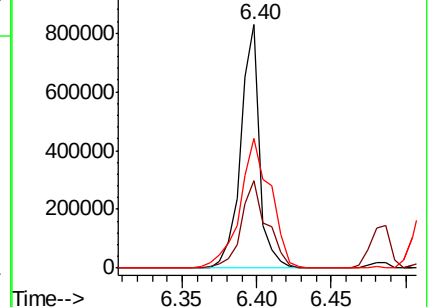
66 53.5 22.6 62.6

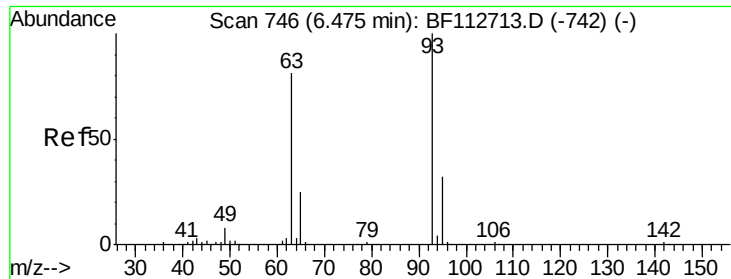


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

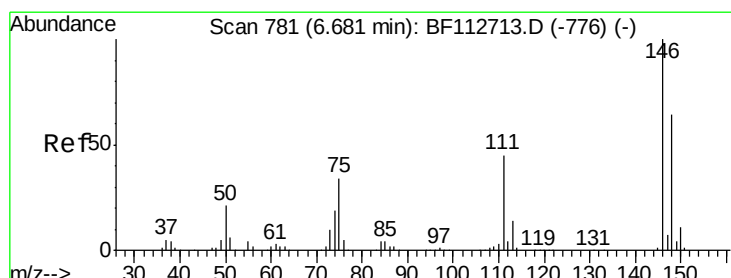
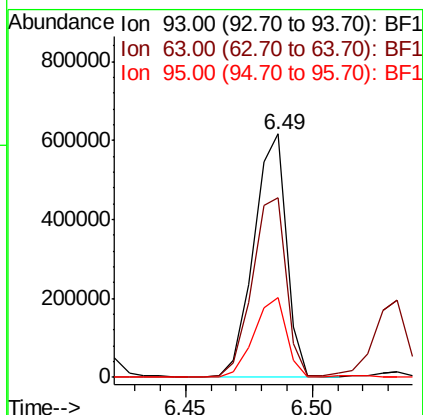
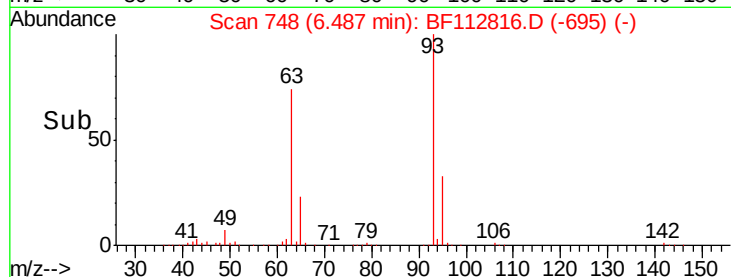
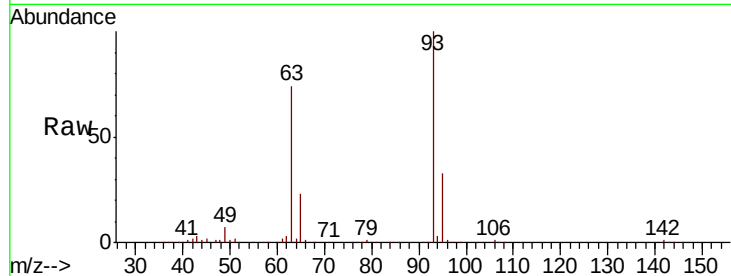




#11
 bis(2-Chloroethyl)ether
 Concen: 37.545 ng
 RT: 6.49 min Scan# 748
 Delta R.T. 0.01 min
 Lab File: BF112816.D
 Acq: 4 Mar 2019 11:32

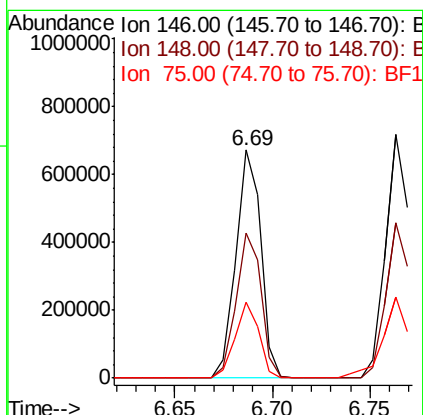
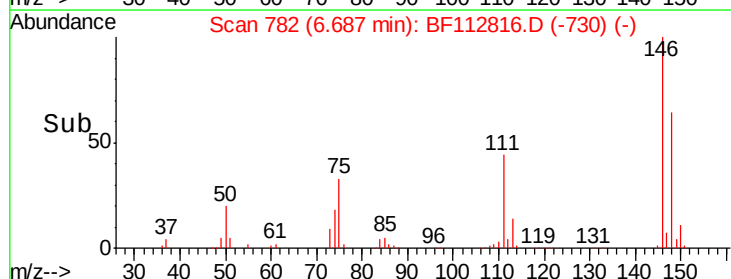
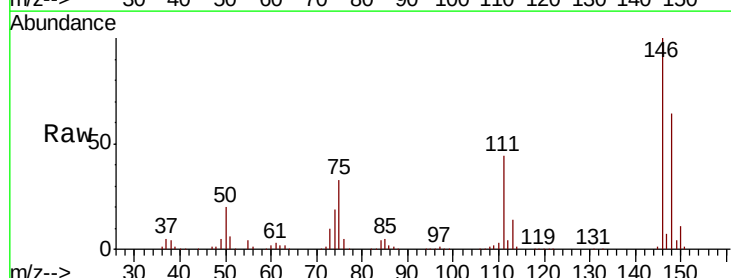
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

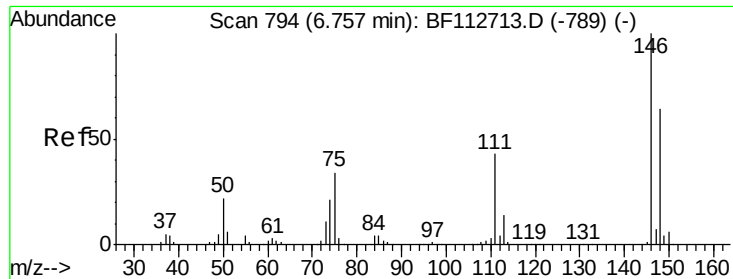
Tgt Ion: 93 Resp: 553209
 Ion Ratio Lower Upper
 93 100
 63 74.0 60.5 100.5
 95 32.5 12.1 52.1



#12
 1,3-Dichlorobenzene
 Concen: 39.617 ng
 RT: 6.69 min Scan# 782
 Delta R.T. 0.01 min
 Lab File: BF112816.D
 Acq: 4 Mar 2019 11:32

Tgt Ion: 146 Resp: 596606
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.9 76.3
 75 33.0 26.9 40.3

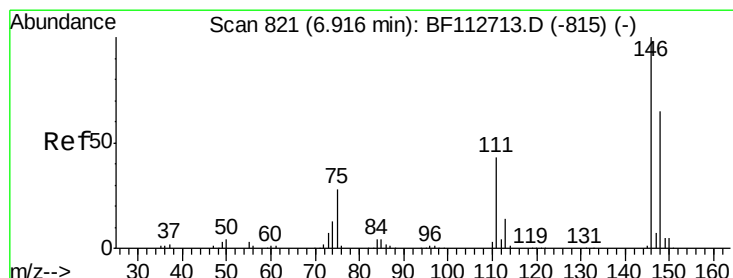
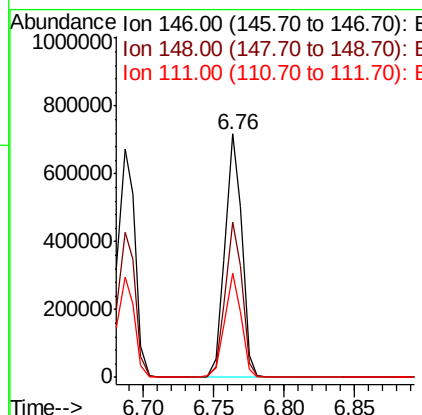
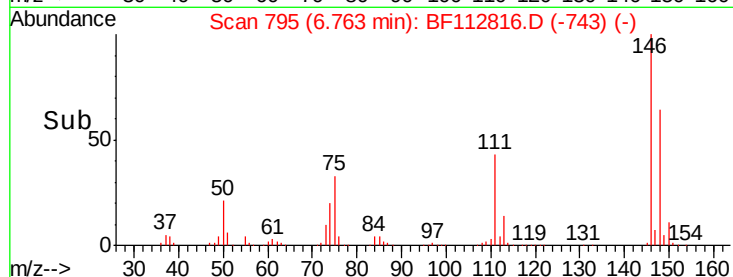
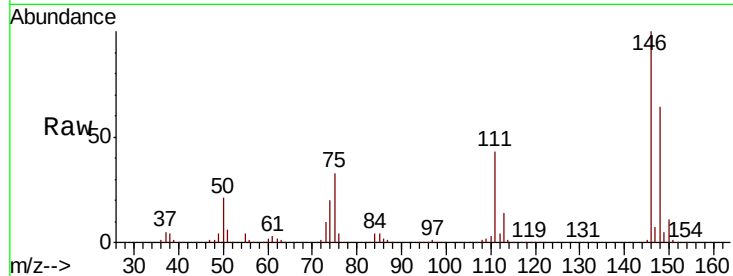




#13
 1,4-Dichlorobenzene
 Concen: 39.730 ng
 RT: 6.76 min Scan# 795
 Delta R.T. 0.01 min
 Lab File: BF112816.D
 Acq: 4 Mar 2019 11:32

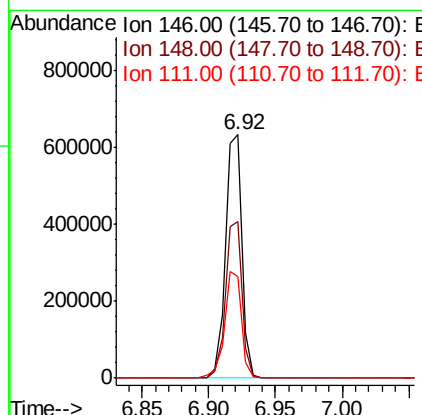
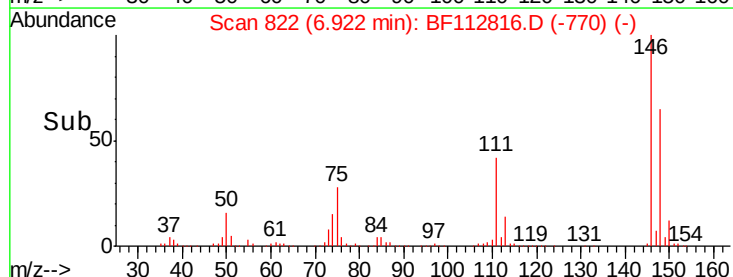
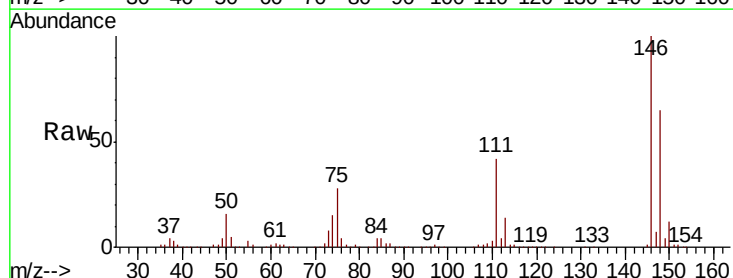
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

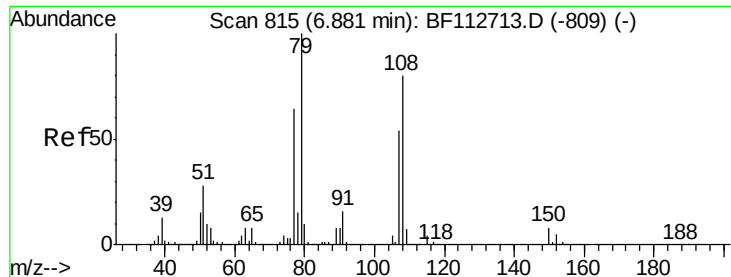
Tgt Ion:146 Resp: 600017
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.0 76.4
 111 42.6 34.5 51.7



#14
 1,2-Dichlorobenzene
 Concen: 40.000 ng
 RT: 6.92 min Scan# 822
 Delta R.T. 0.01 min
 Lab File: BF112816.D
 Acq: 4 Mar 2019 11:32

Tgt Ion:146 Resp: 553789
 Ion Ratio Lower Upper
 146 100
 148 64.5 52.0 78.0
 111 41.6 34.8 52.2





#15

Benzyl Alcohol

Concen: 39.484 ng

RT: 6.89 min Scan# 816

Delta R.T. 0.01 min

Lab File: BF112816.D

Acq: 4 Mar 2019 11:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

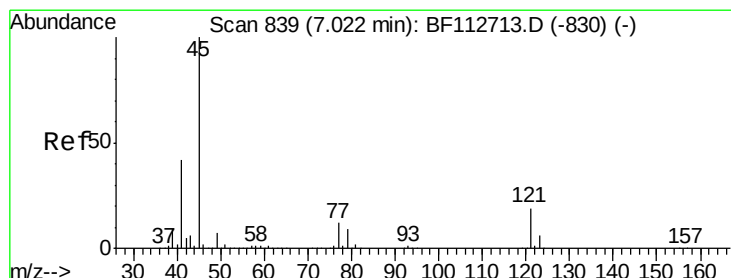
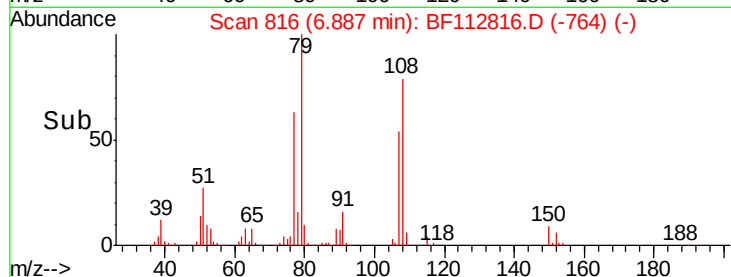
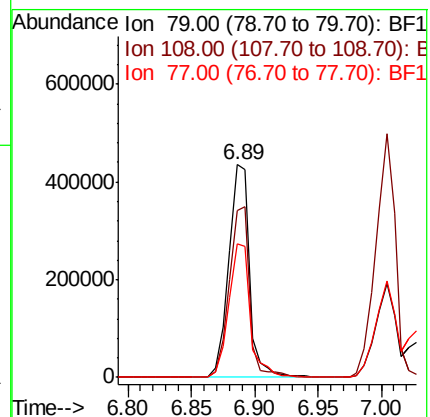
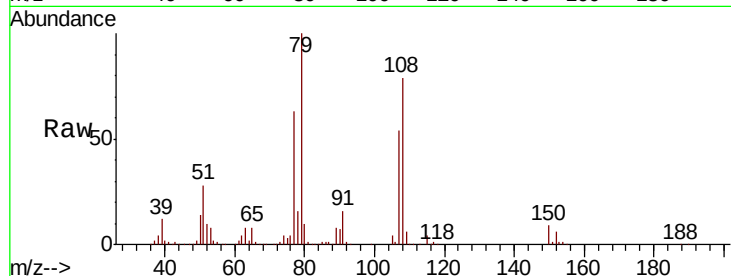
Tgt Ion: 79 Resp: 495296

Ion Ratio Lower Upper

79 100

108 78.6 64.2 96.4

77 62.7 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.661 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.01 min

Lab File: BF112816.D

Acq: 4 Mar 2019 11:32

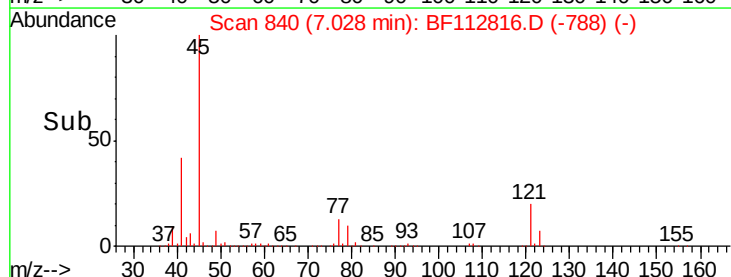
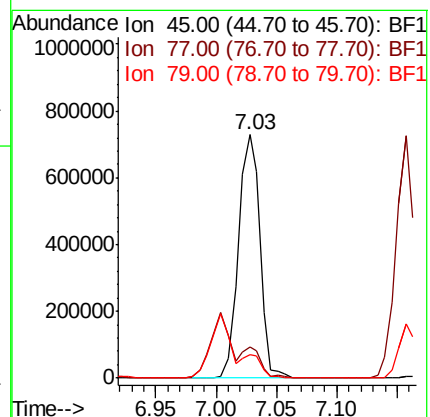
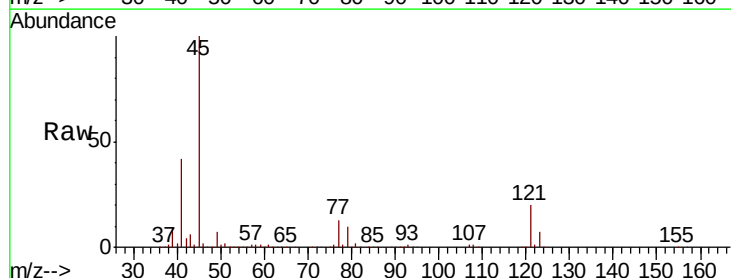
Tgt Ion: 45 Resp: 901479

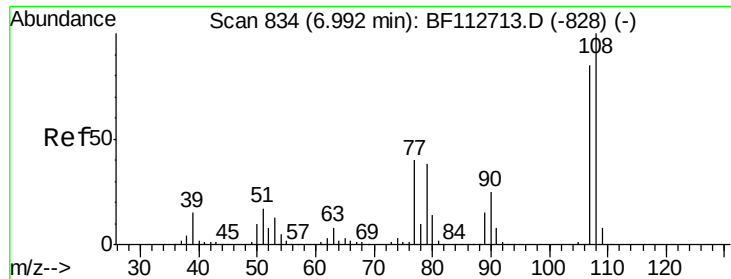
Ion Ratio Lower Upper

45 100

77 12.9 0.0 32.1

79 9.8 0.0 29.4

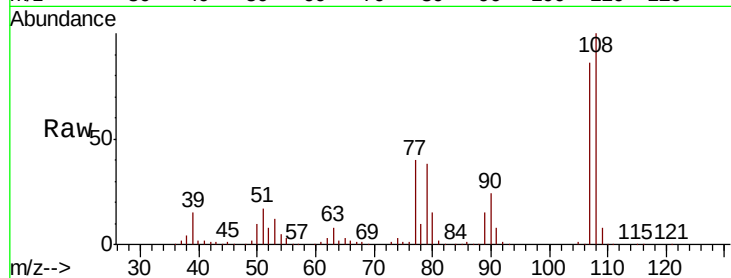




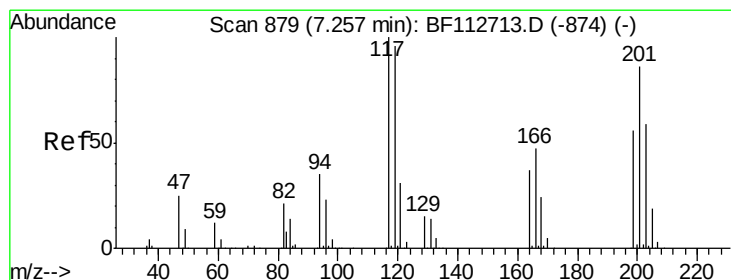
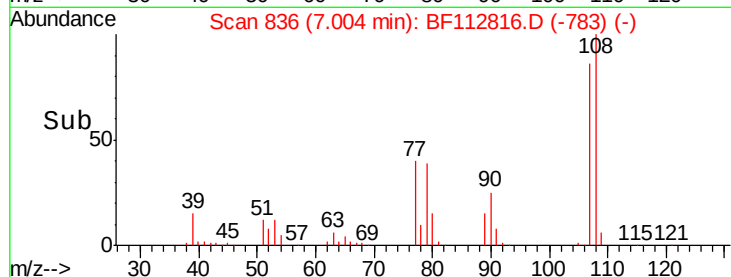
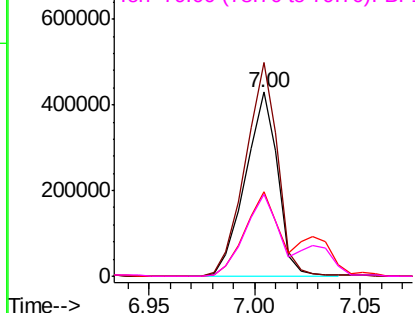
#17
2-Methylphenol
Concen: 38.673 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 457360
Ion Ratio Lower Upper
107 100
108 116.0 94.6 142.0
77 45.9 37.8 56.8
79 44.6 36.2 54.2

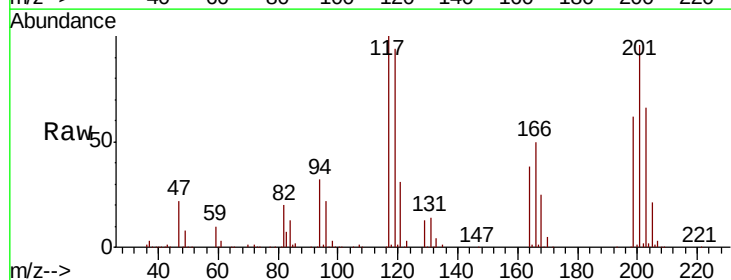


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

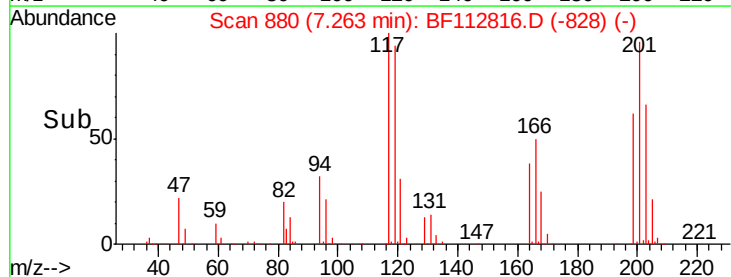
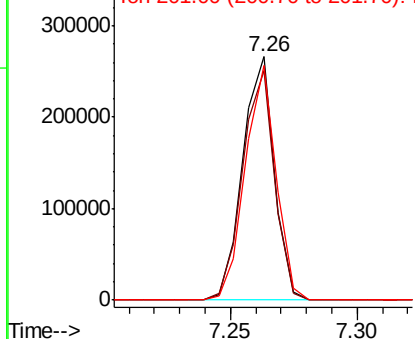


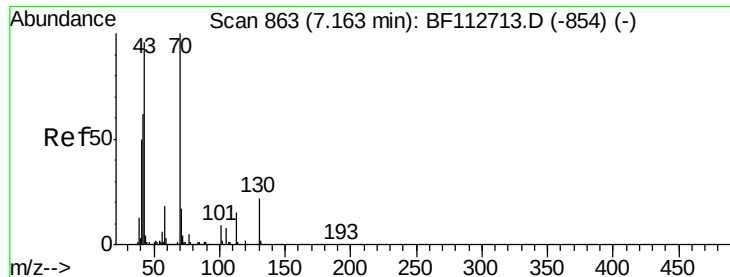
#18
Hexachloroethane
Concen: 39.692 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Tgt Ion:117 Resp: 229625
Ion Ratio Lower Upper
117 100
119 94.4 76.6 115.0
201 96.4 68.9 103.3



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

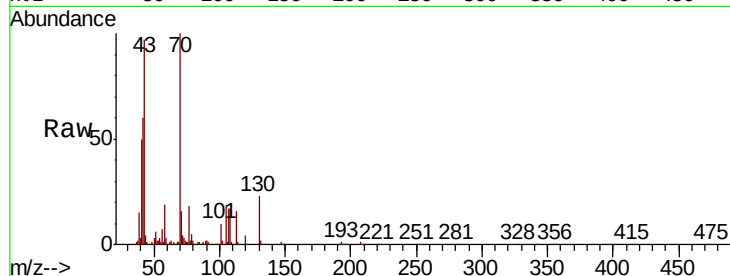




#19
n-Nitroso-di-n-propylamine
Concen: 36.940 ng
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	70	Resp:	384873
Ion	Ratio	Lower	Upper
70	100		
42	60.2	49.9	74.9
101	9.8	7.4	11.2
130	23.3	17.4	26.2



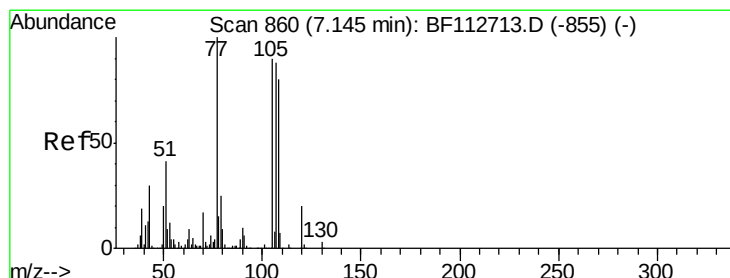
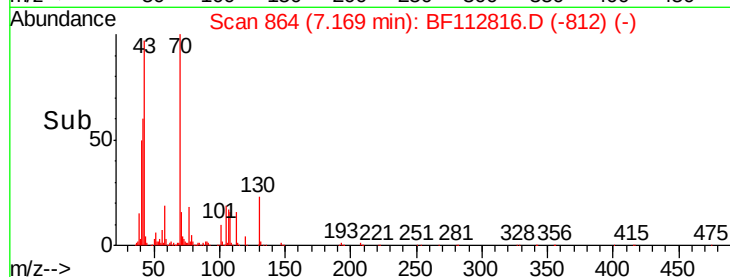
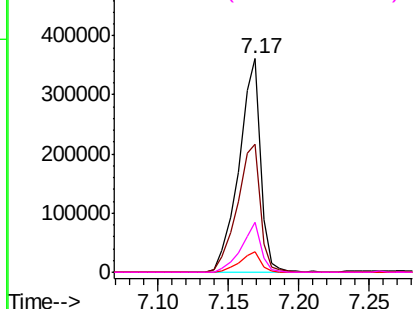
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

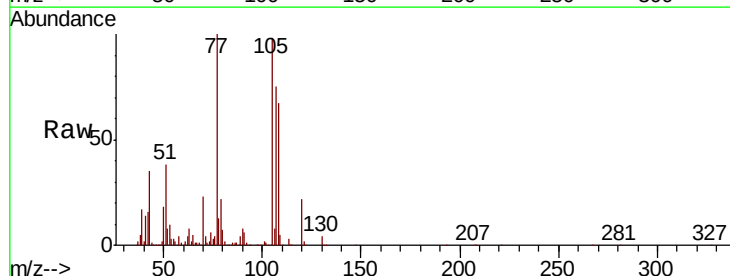
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 38.841 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Tgt Ion:	107	Resp:	518597
Ion	Ratio	Lower	Upper
107	100		
108	89.8	71.4	111.4
77	133.2	94.1	134.1
79	29.8	8.6	48.6



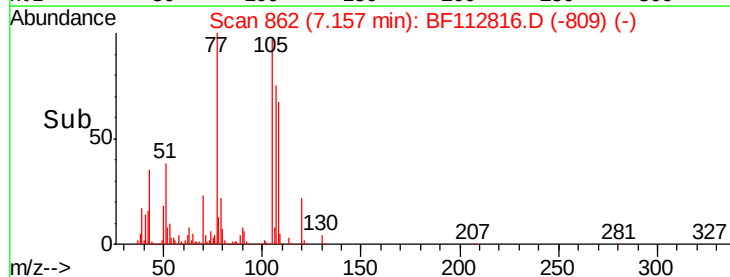
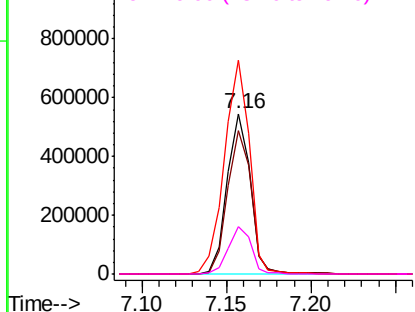
Abundance

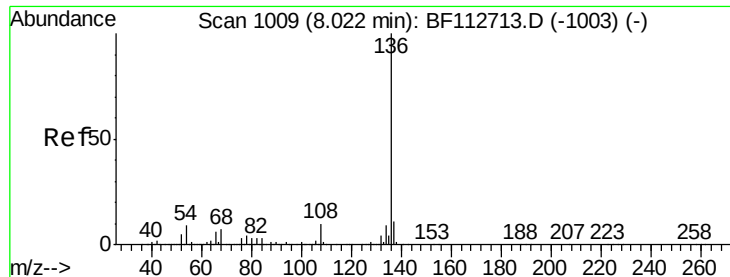
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

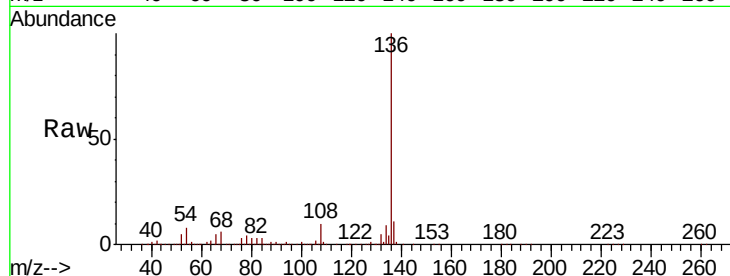




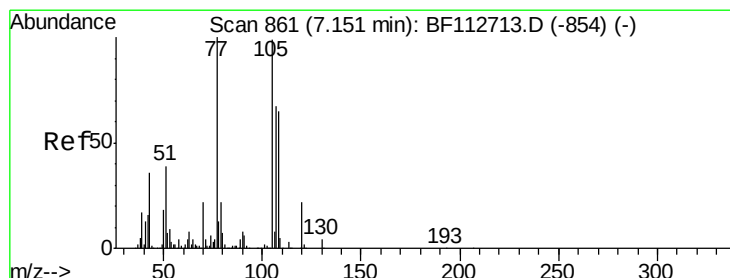
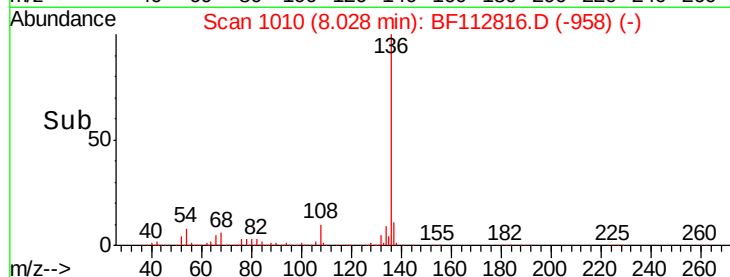
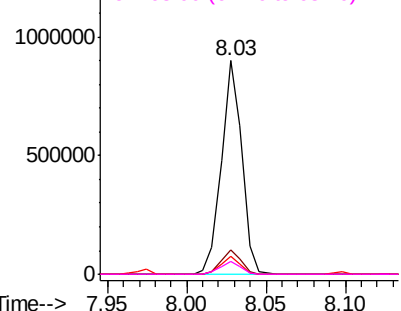
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.01 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	136	Resp:	807928
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.4	7.3	10.9
68	6.1	5.4	8.2

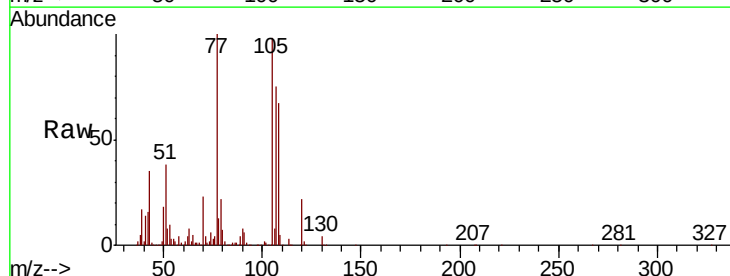


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

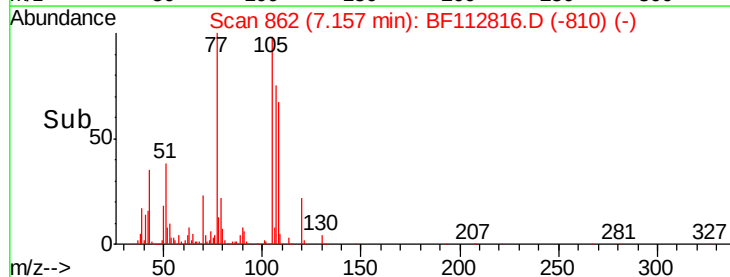
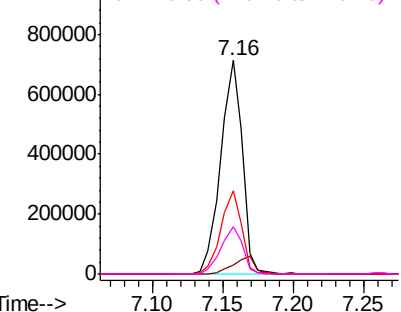


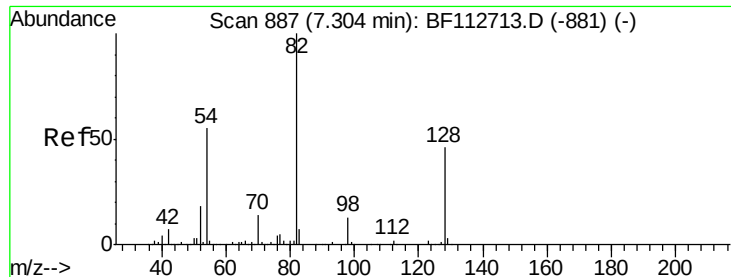
#22
Acetophenone
Concen: 40.242 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Tgt Ion:	105	Resp:	760225
Ion	Ratio	Lower	Upper
105	100		
71	4.0	3.0	4.4
51	38.9	31.5	47.3
120	22.5	18.1	27.1



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

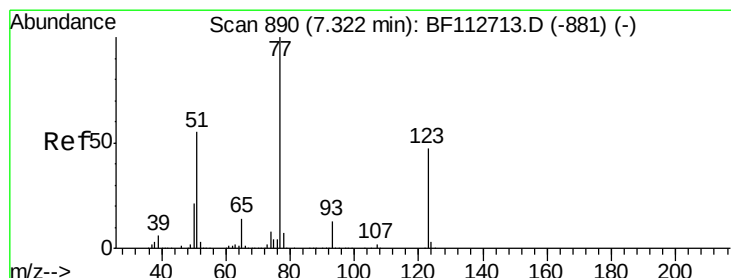
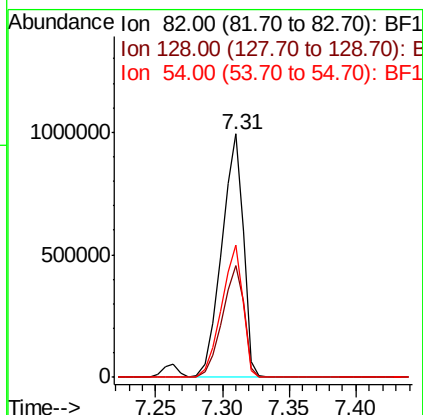
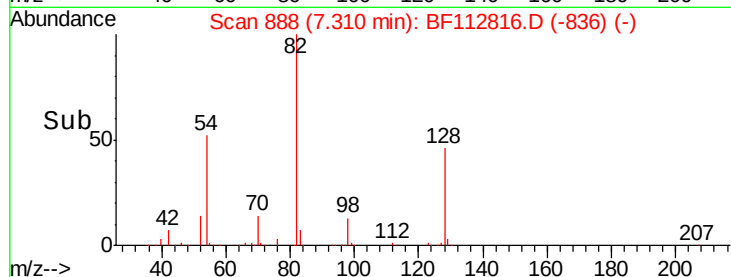
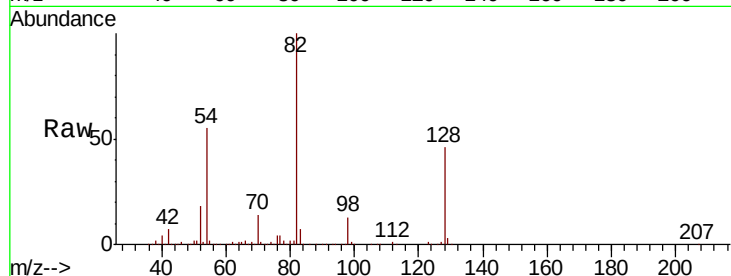




#23
 Nitrobenzene-d5
 Concen: 84.159 ng
 RT: 7.31 min Scan# 888
 Delta R.T. 0.01 min
 Lab File: BF112816.D
 Acq: 4 Mar 2019 11:32

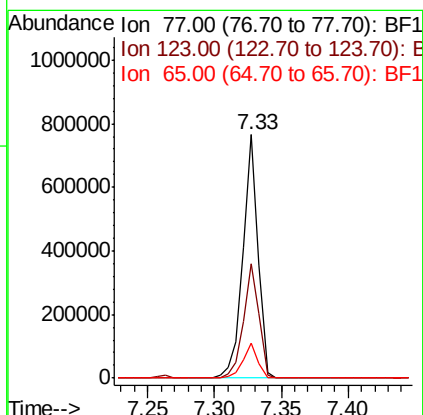
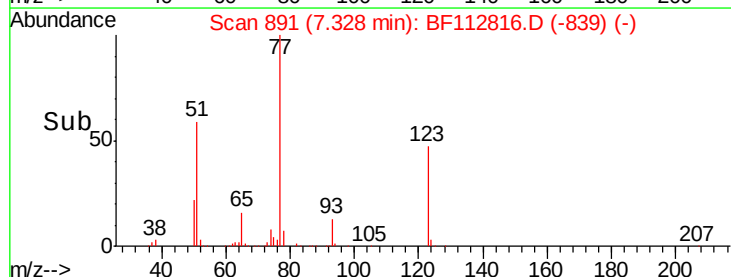
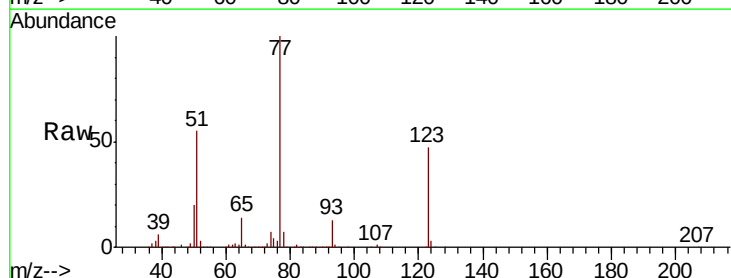
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

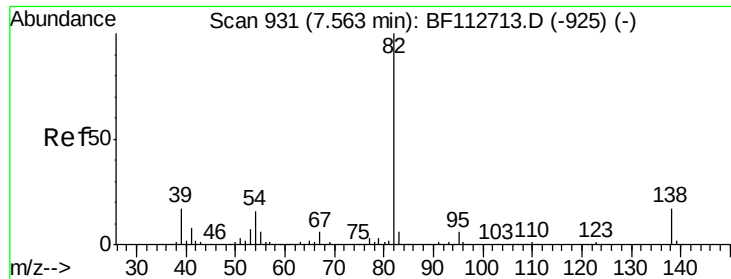
Tgt Ion: 82 Resp: 1136315
 Ion Ratio Lower Upper
 82 100
 128 46.0 36.3 54.5
 54 54.5 43.7 65.5



#24
 Nitrobenzene
 Concen: 40.220 ng
 RT: 7.33 min Scan# 891
 Delta R.T. 0.01 min
 Lab File: BF112816.D
 Acq: 4 Mar 2019 11:32

Tgt Ion: 77 Resp: 604407
 Ion Ratio Lower Upper
 77 100
 123 47.0 37.8 56.6
 65 14.4 11.1 16.7





#25

Isophorone

Concen: 37.289 ng

RT: 7.57 min Scan# 932

Delta R.T. 0.01 min

Lab File: BF112816.D

Acq: 4 Mar 2019 11:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

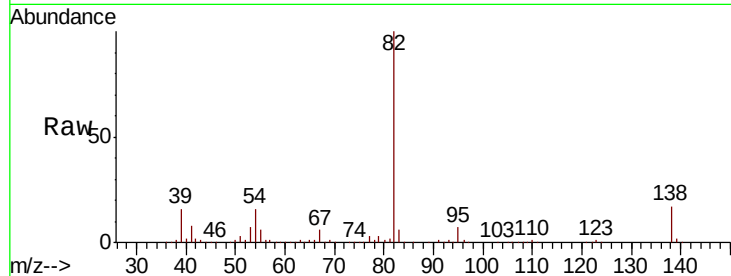
Tgt Ion: 82 Resp: 1084659

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

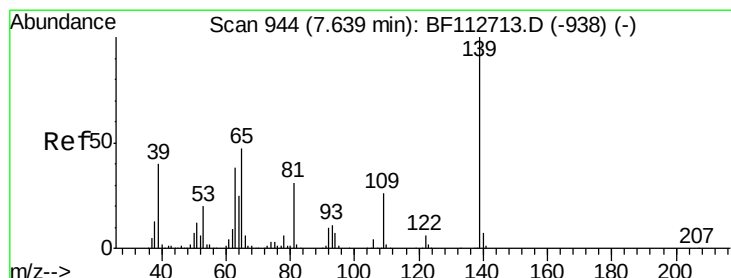
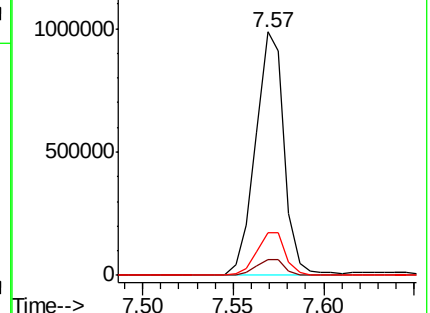
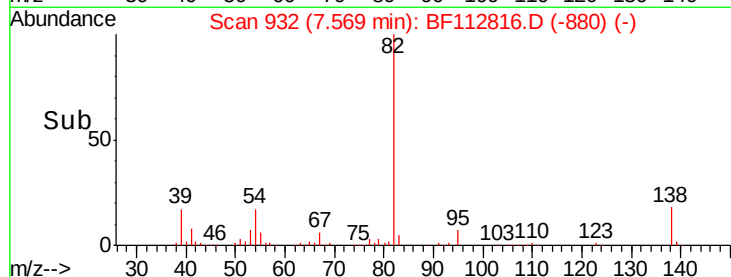
138 17.5 13.8 20.8



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: 48.865 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.01 min

Lab File: BF112816.D

Acq: 4 Mar 2019 11:32

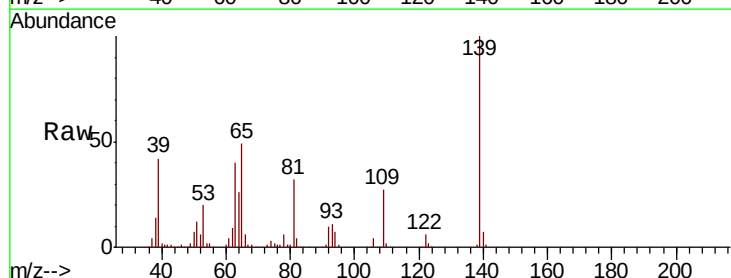
Tgt Ion: 139 Resp: 305687

Ion Ratio Lower Upper

139 100

109 26.8 20.6 31.0

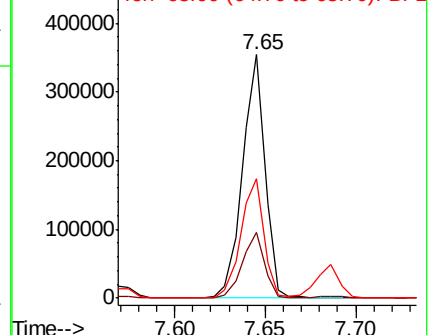
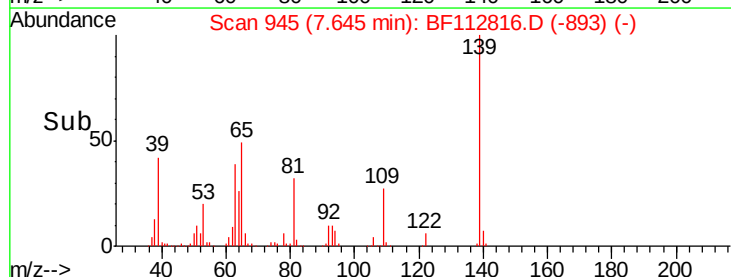
65 49.2 37.9 56.9

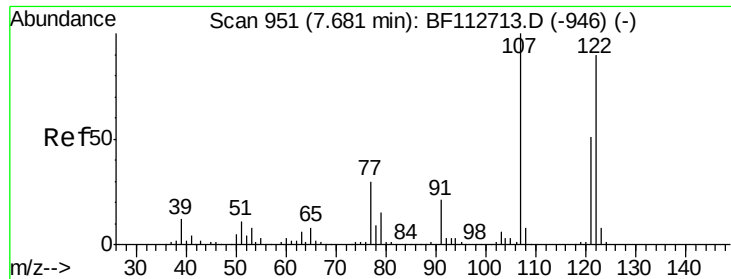


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 38.375 ng

RT: 7.69 min Scan# 952

Delta R.T. 0.01 min

Lab File: BF112816.D

Acq: 4 Mar 2019 11:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

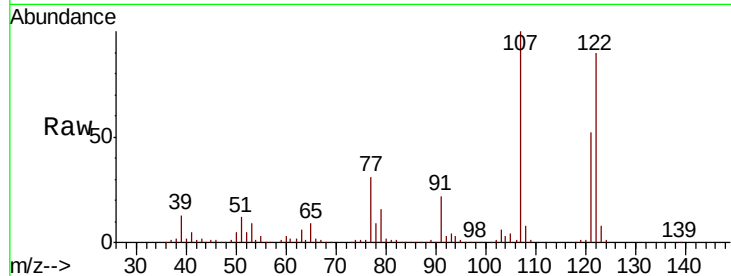
Tgt Ion:122 Resp: 446606

Ion Ratio Lower Upper

122 100

107 110.8 89.4 134.0

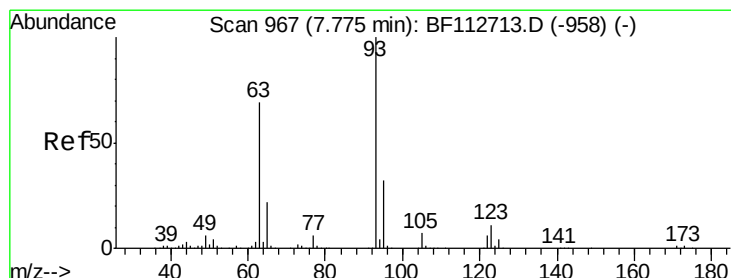
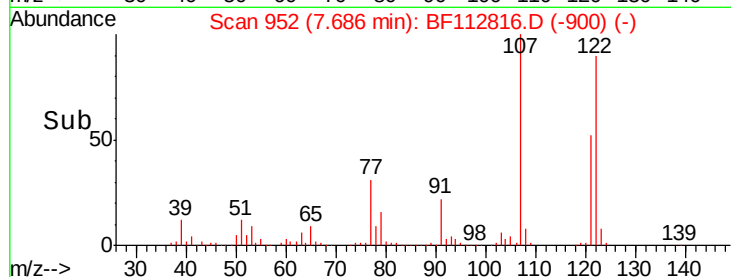
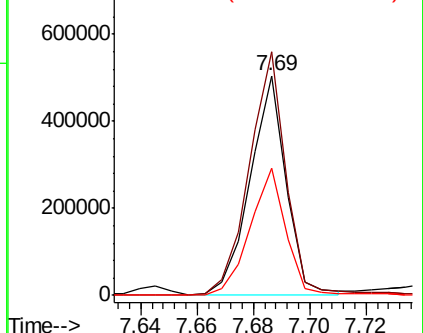
121 57.7 45.5 68.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.270 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.01 min

Lab File: BF112816.D

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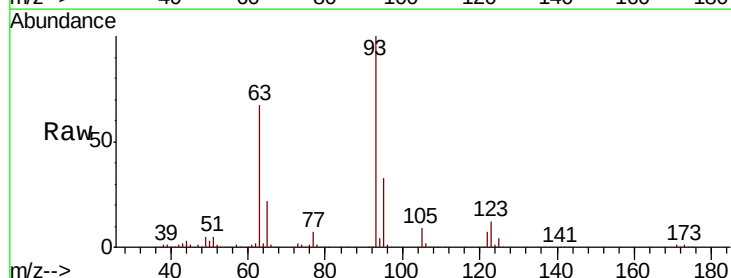
Tgt Ion: 93 Resp: 695980

Ion Ratio Lower Upper

93 100

95 33.0 26.0 39.0

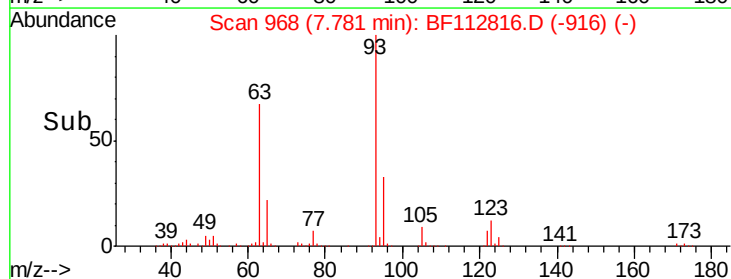
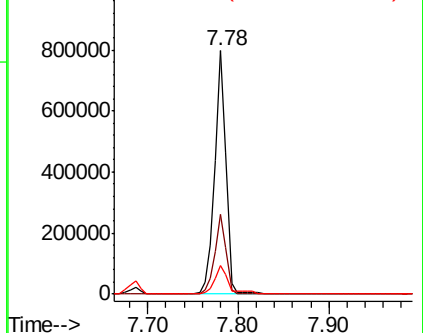
123 11.8 9.3 13.9

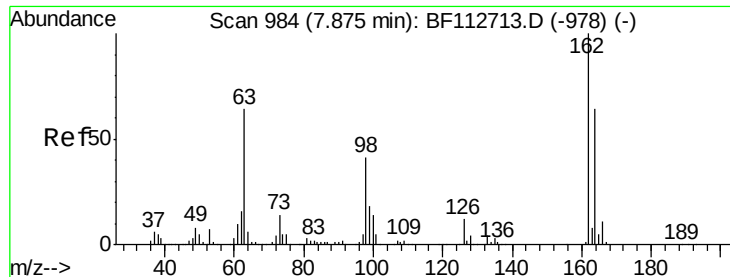


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

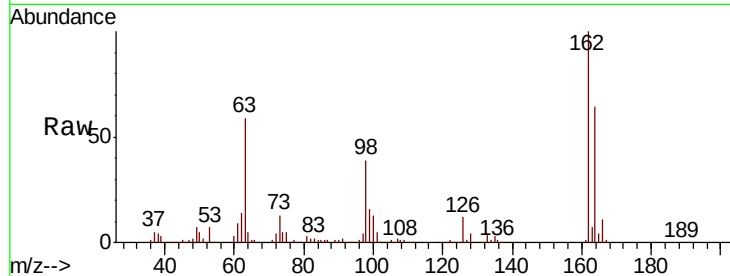




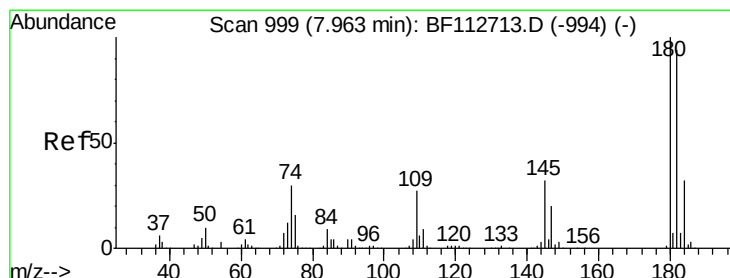
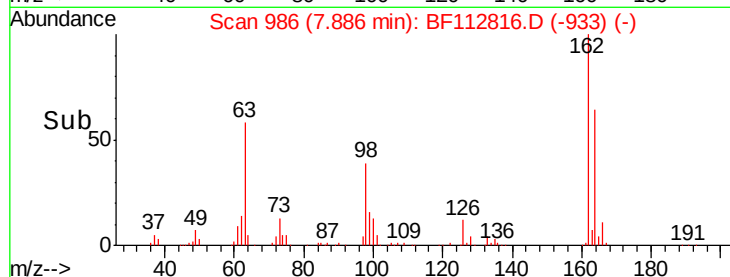
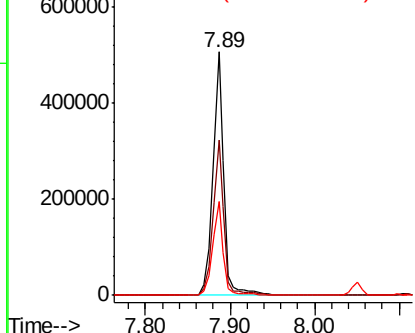
#29
2,4-Dichlorophenol
Concen: 41.706 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.01 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

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Tgt Ion:162 Resp: 470692
Ion Ratio Lower Upper
162 100
164 63.9 44.0 84.0
98 38.6 20.7 60.7

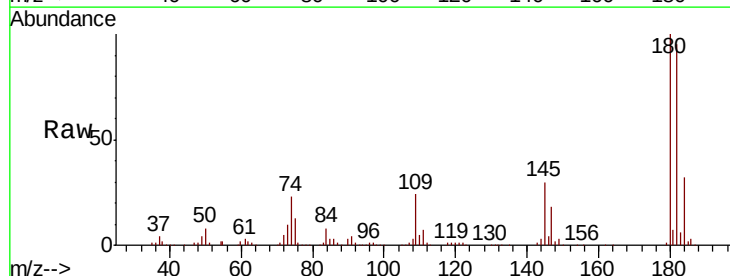


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

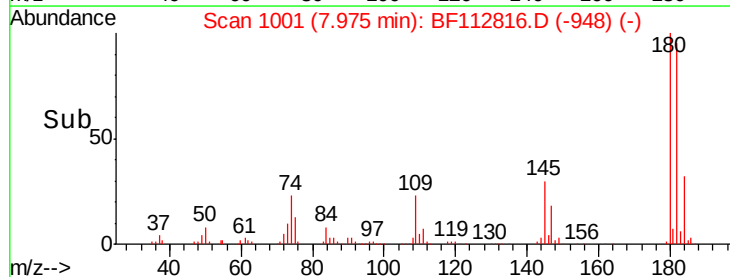
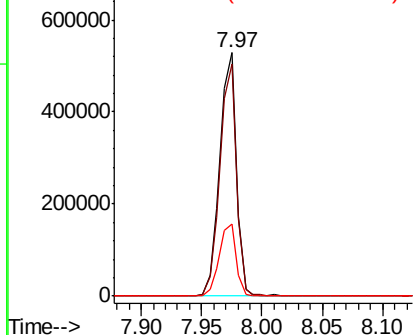


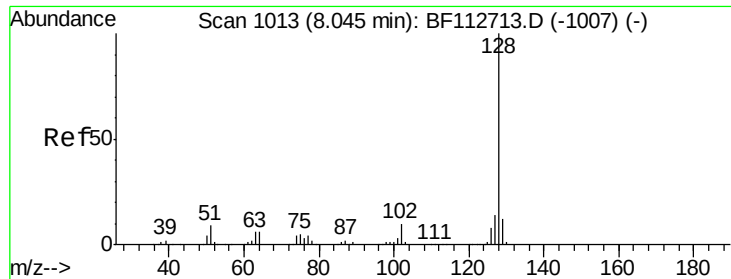
#30
1,2,4-Trichlorobenzene
Concen: 41.535 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.01 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Tgt Ion:180 Resp: 503687
Ion Ratio Lower Upper
180 100
182 95.1 75.2 112.8
145 29.9 25.4 38.0



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

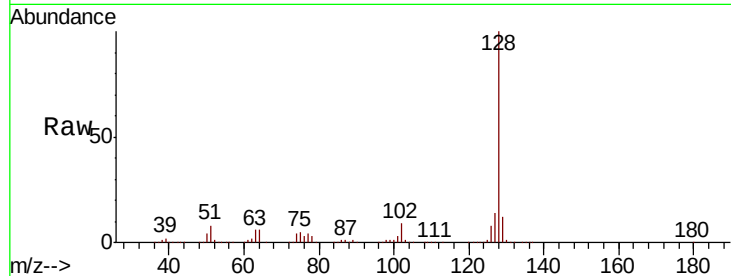




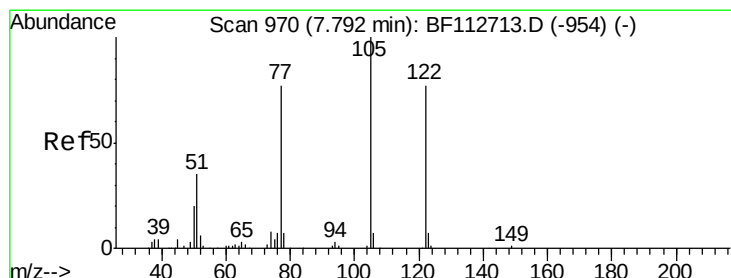
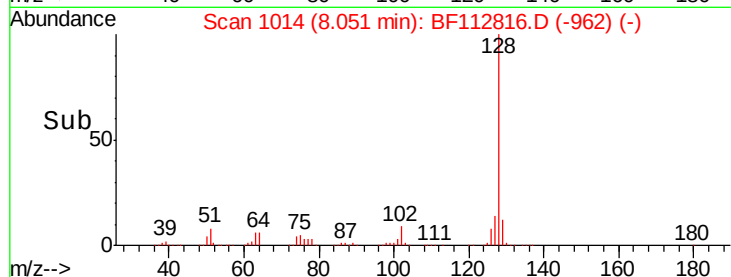
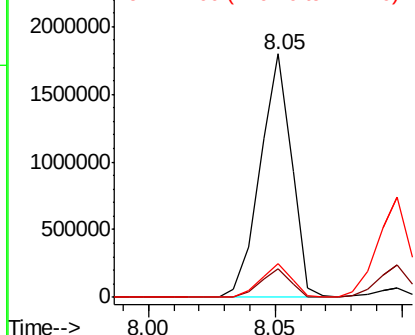
#31
Naphthalene
Concen: 39.074 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.01 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Instrument :
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Tgt Ion:128 Resp: 1567325
Ion Ratio Lower Upper
128 100
129 11.6 9.3 13.9
127 13.7 10.9 16.3

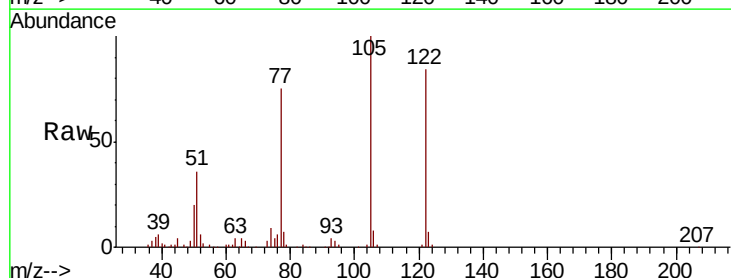


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

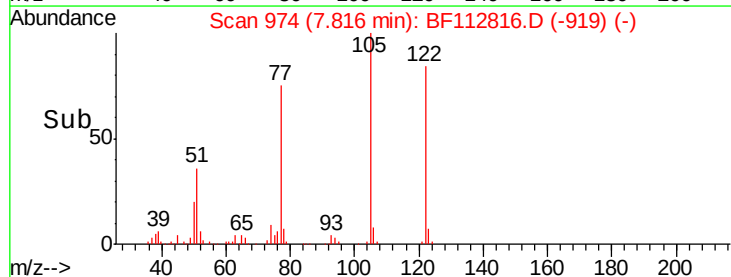
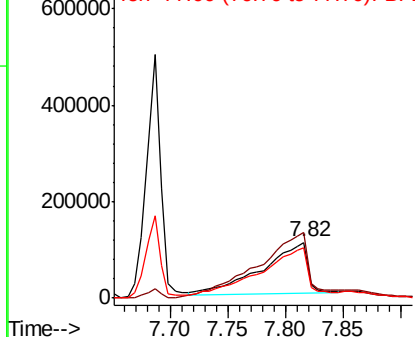


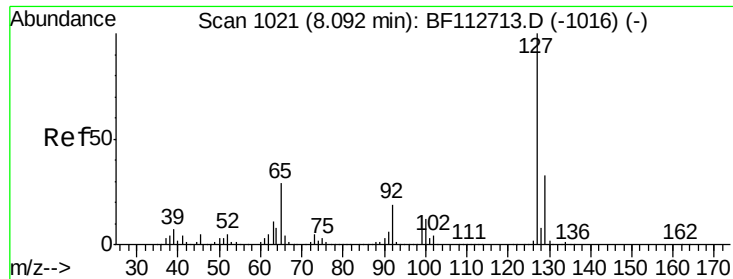
#32
Benzoic acid
Concen: 36.178 ng
RT: 7.82 min Scan# 974
Delta R.T. 0.02 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Tgt Ion:122 Resp: 295103
Ion Ratio Lower Upper
122 100
105 119.1 106.8 146.8
77 89.7 79.4 119.4



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

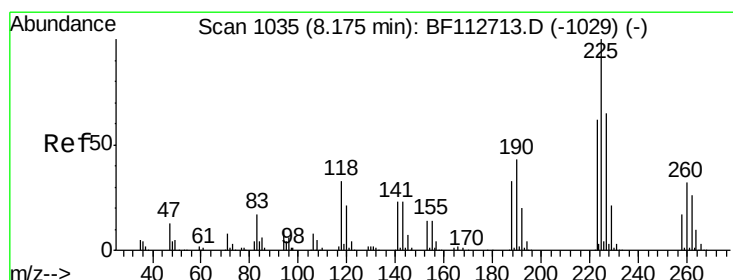
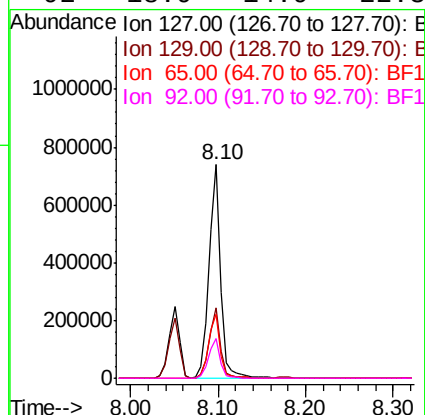
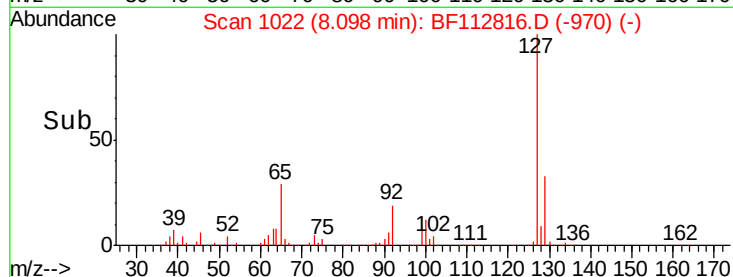
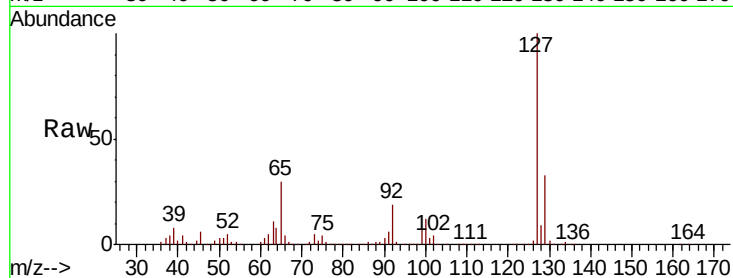




#33
4-Chloroaniline
Concen: 40.244 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.01 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

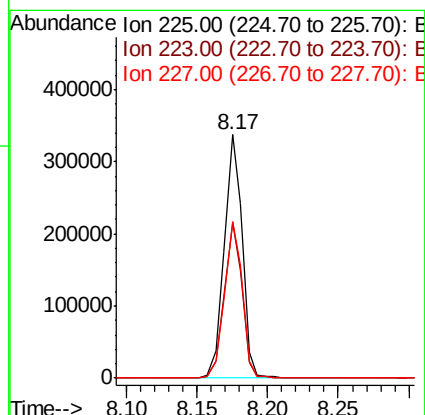
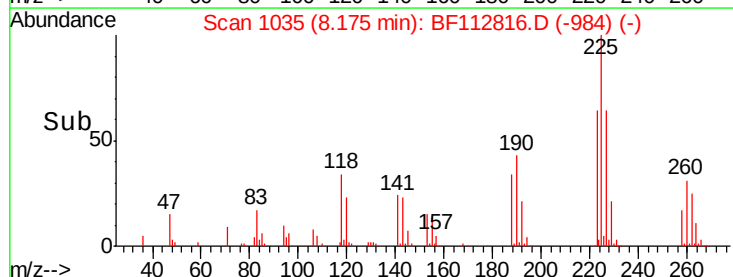
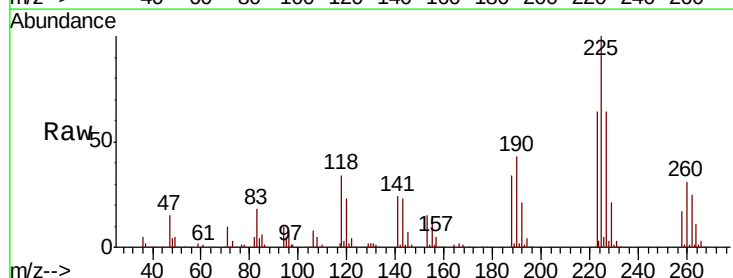
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

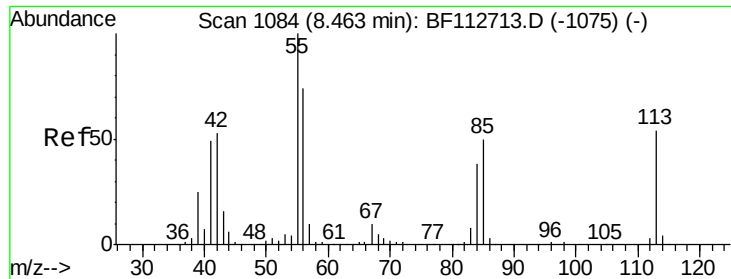
Tgt Ion:	127	Resp:	683719
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.4	39.6
65	30.1	23.1	34.7
92	18.9	14.9	22.3



#34
Hexachlorobutadiene
Concen: 43.476 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Tgt Ion:	225	Resp:	297336
Ion	Ratio	Lower	Upper
225	100		
223	63.7	49.7	74.5
227	64.3	52.1	78.1

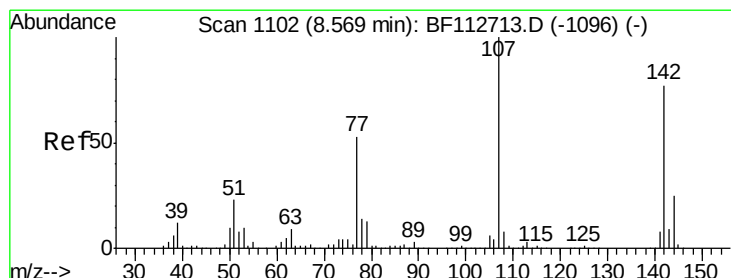
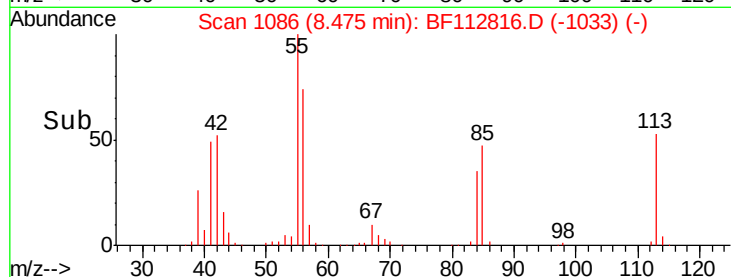
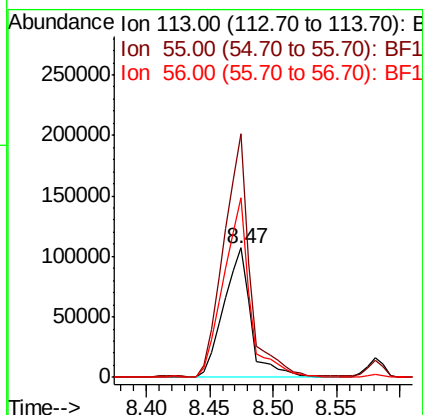
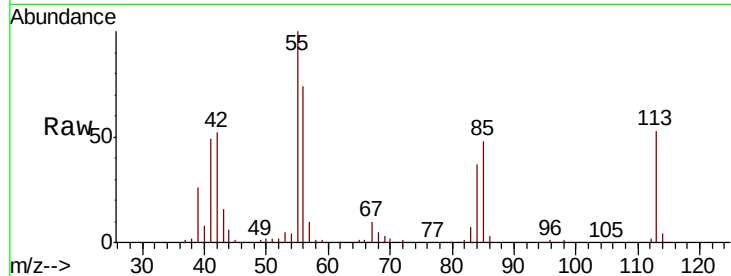




#35
 Caprolactam
 Concen: 40.118 ng
 RT: 8.47 min Scan# 1086
 Delta R.T. 0.01 min
 Lab File: BF112816.D
 Acq: 4 Mar 2019 11:32

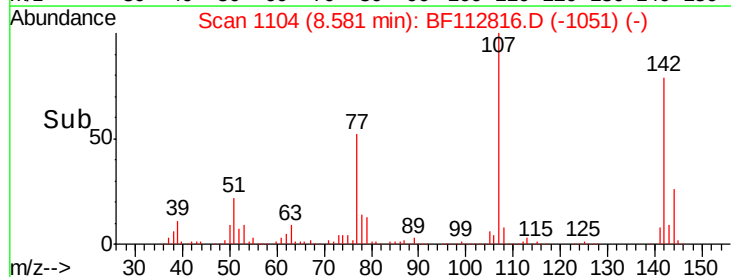
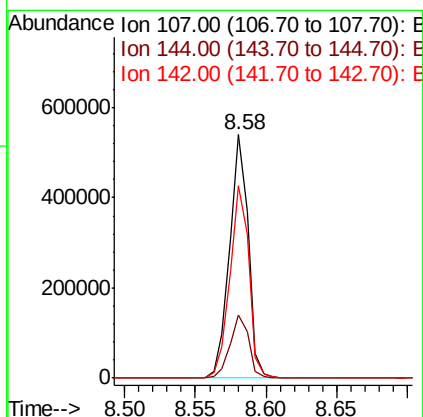
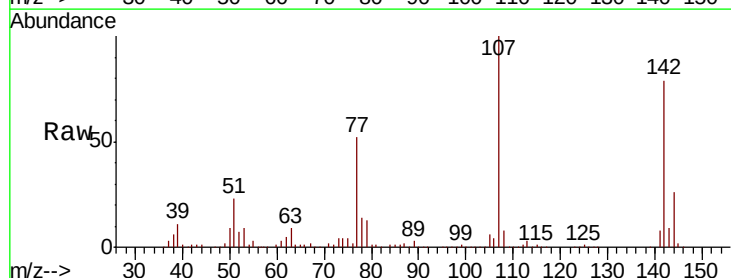
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

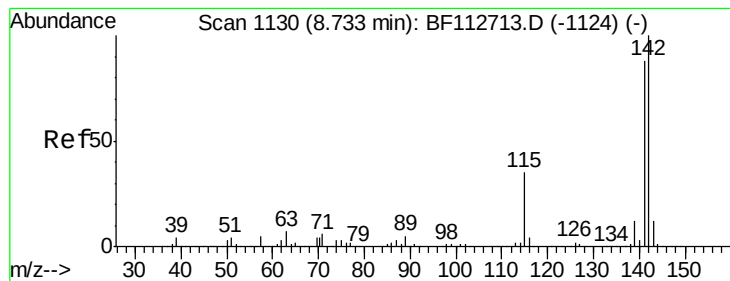
Tgt Ion:113 Resp: 159469
 Ion Ratio Lower Upper
 113 100
 55 188.4 163.5 203.5
 56 138.7 115.3 155.3



#36
 4-Chloro-3-methylphenol
 Concen: 39.945 ng
 RT: 8.58 min Scan# 1104
 Delta R.T. 0.01 min
 Lab File: BF112816.D
 Acq: 4 Mar 2019 11:32

Tgt Ion:107 Resp: 498913
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.1 30.1
 142 79.3 61.9 92.9





#37

2-Methylnaphthalene

Concen: 40.059 ng

RT: 8.74 min Scan# 1131

Delta R.T. 0.01 min

Lab File: BF112816.D

Acq: 4 Mar 2019 11:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

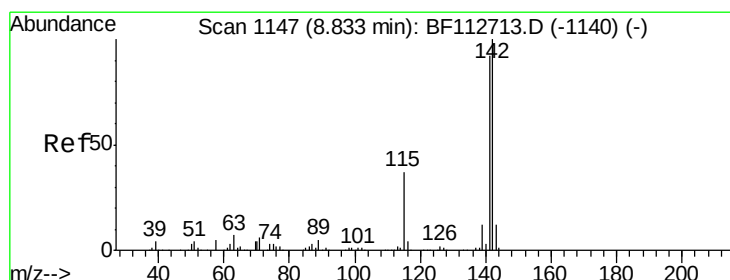
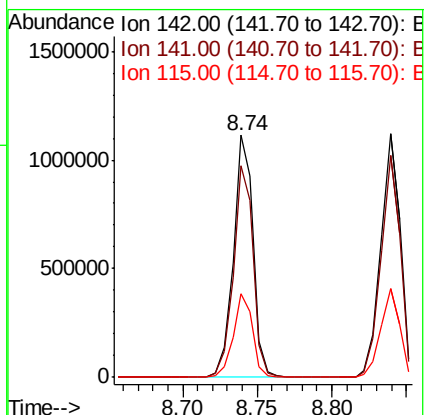
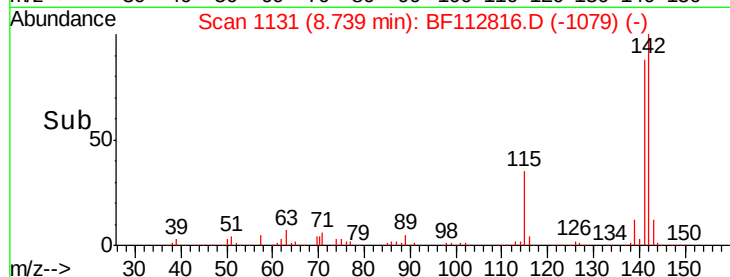
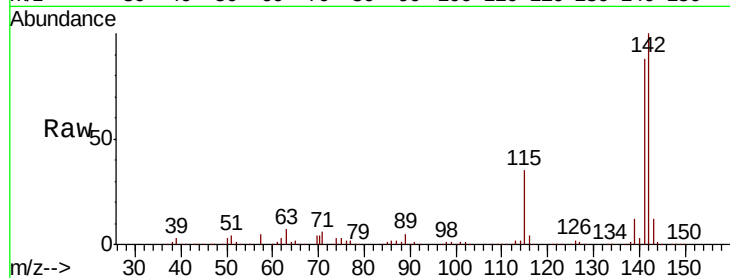
Tgt Ion:142 Resp: 1037681

Ion Ratio Lower Upper

142 100

141 87.7 70.3 105.5

115 34.7 27.8 41.6



#38

1-Methylnaphthalene

Concen: 39.819 ng

RT: 8.84 min Scan# 1148

Delta R.T. 0.01 min

Lab File: BF112816.D

Acq: 4 Mar 2019 11:32

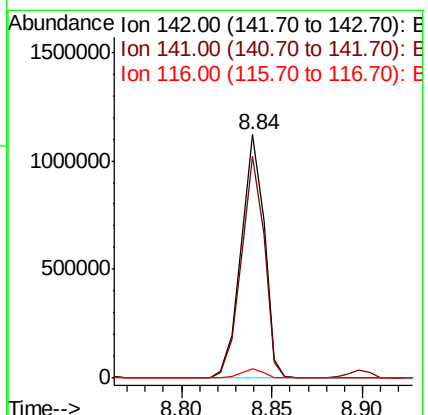
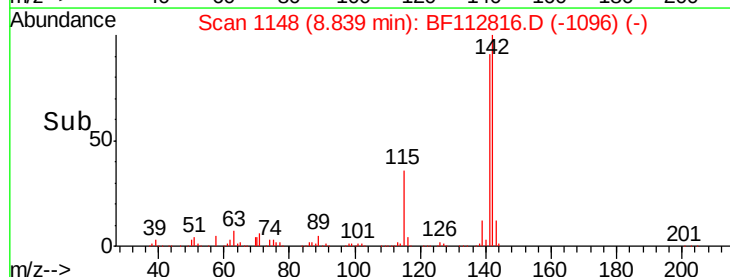
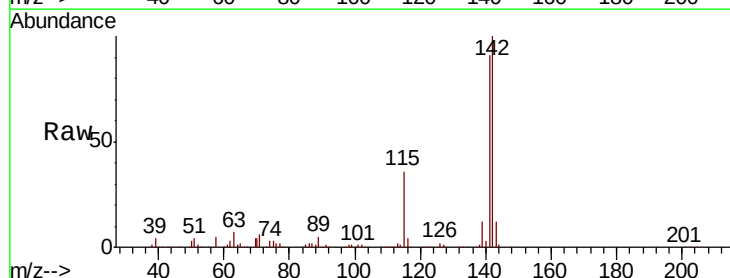
Tgt Ion:142 Resp: 999150

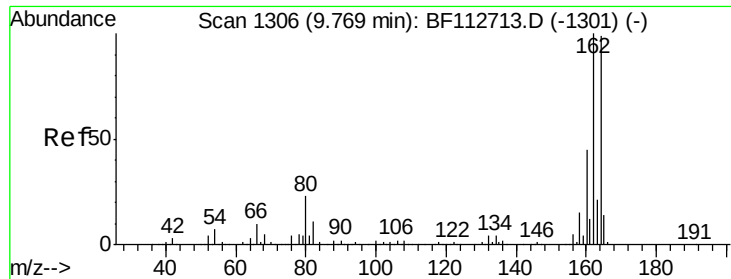
Ion Ratio Lower Upper

142 100

141 91.4 73.7 110.5

116 3.8 3.1 4.7

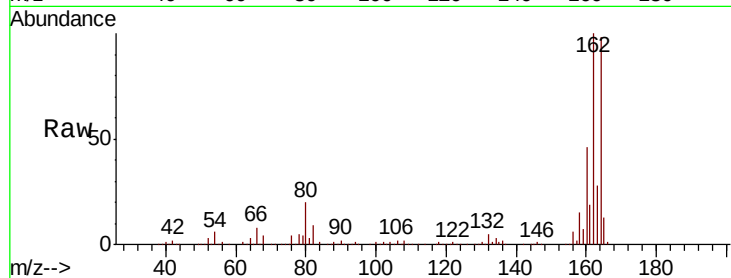




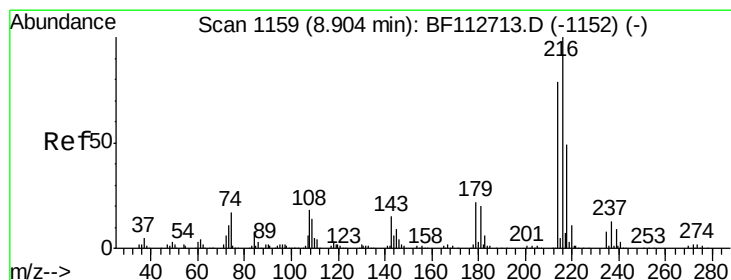
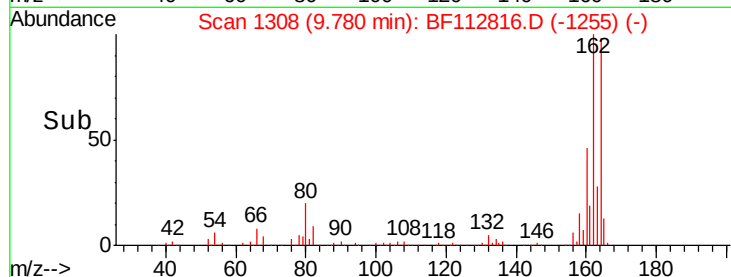
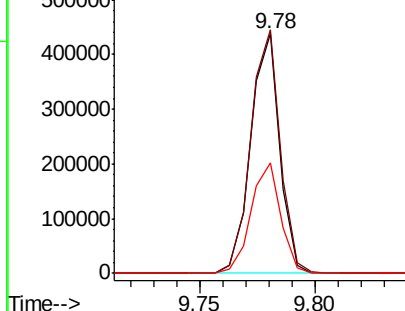
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.78 min Scan# 1308
Delta R.T. 0.01 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Instrument :
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ClientSampleId :
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Tgt Ion:164 Resp: 383112
Ion Ratio Lower Upper
164 100
162 101.6 80.6 120.8
160 46.3 36.0 54.0

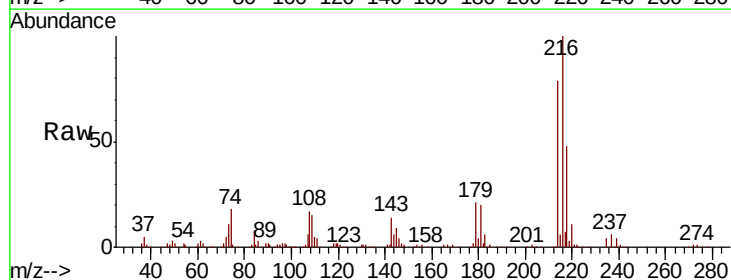


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

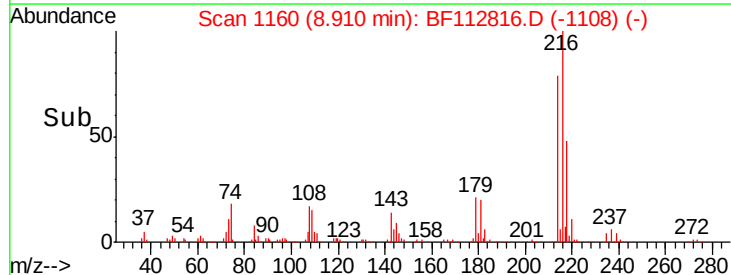
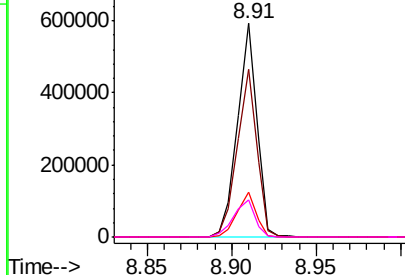


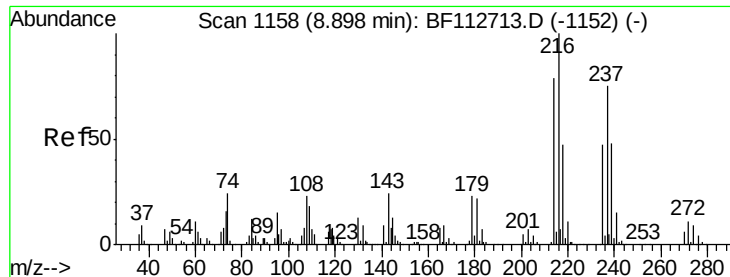
#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.434 ng
RT: 8.91 min Scan# 1160
Delta R.T. 0.01 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Tgt Ion:216 Resp: 474068
Ion Ratio Lower Upper
216 100
214 79.0 63.2 94.8
179 20.6 17.5 26.3
108 18.9 16.7 25.1



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

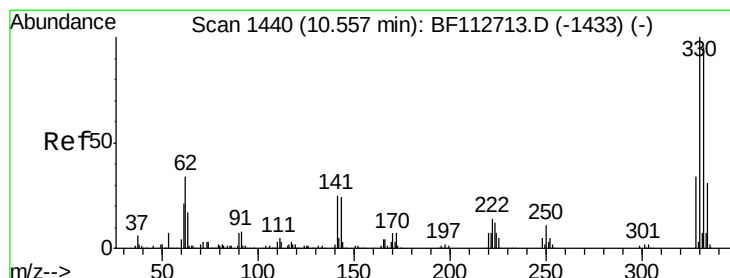
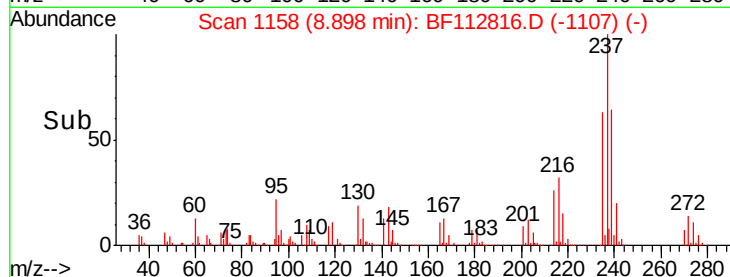
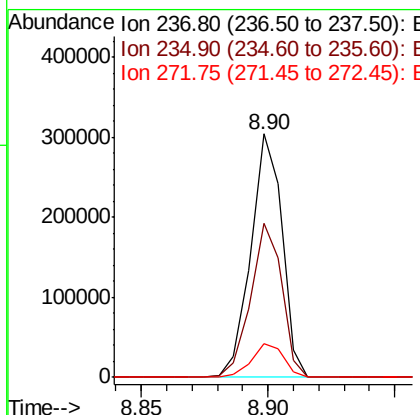
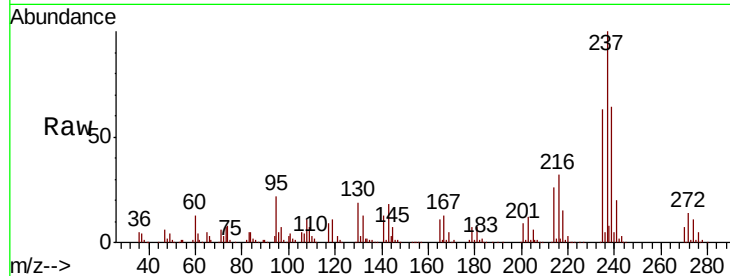




#41
Hexachlorocyclopentadiene
Concen: 42.938 ng
RT: 8.90 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

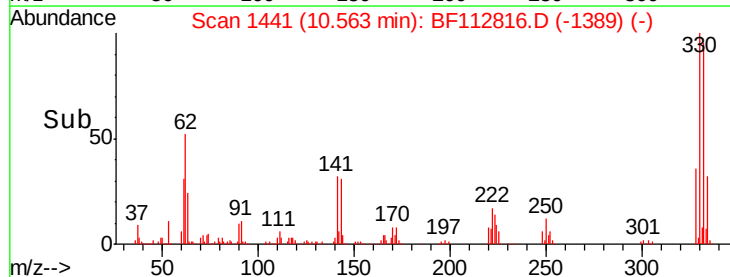
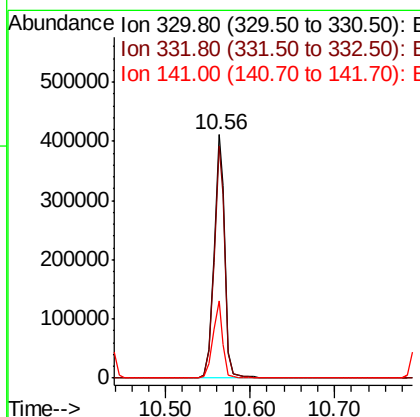
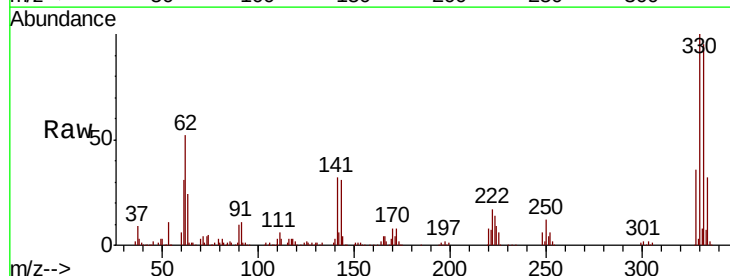
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

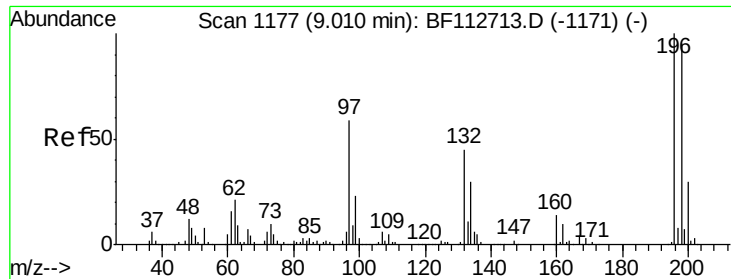
Tgt Ion: 237 Resp: 262683
Ion Ratio Lower Upper
237 100
235 63.4 42.2 82.2
272 13.6 0.0 34.0



#42
2,4,6-Tribromophenol
Concen: 92.637 ng
RT: 10.56 min Scan# 1441
Delta R.T. 0.01 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Tgt Ion: 330 Resp: 376773
Ion Ratio Lower Upper
330 100
332 95.1 76.2 114.4
141 29.2 27.0 40.6

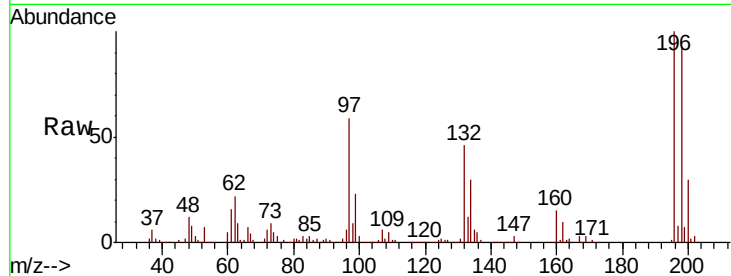




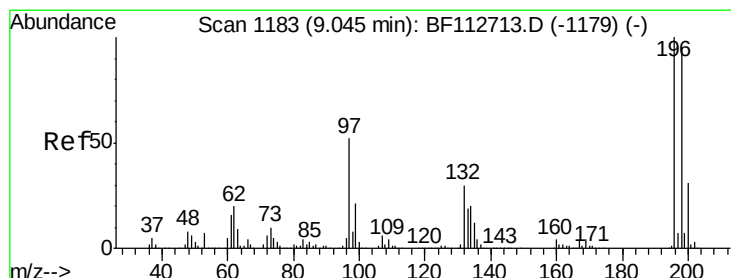
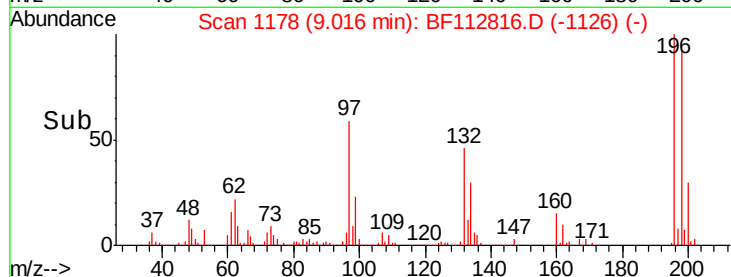
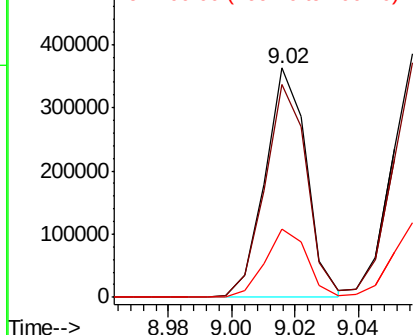
#43
 2,4,6-Trichlorophenol
 Concen: 42.863 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: BF112816.D
 Acq: 4 Mar 2019 11:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:196 Resp: 329569
 Ion Ratio Lower Upper
 196 100
 198 93.0 75.8 113.8
 200 29.6 24.3 36.5

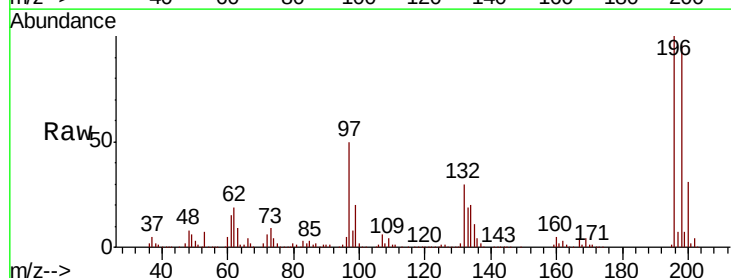


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

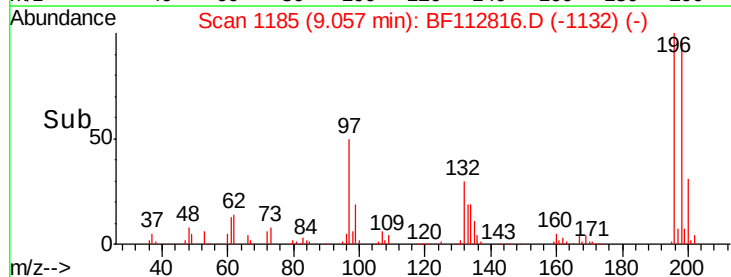
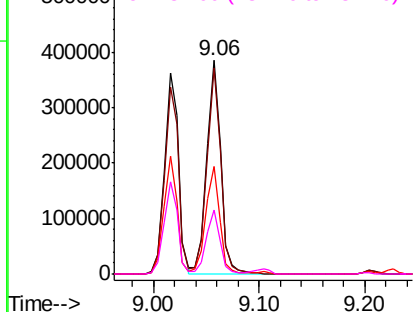


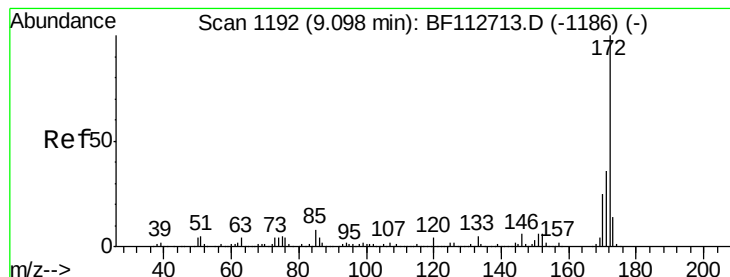
#44
 2,4,5-Trichlorophenol
 Concen: 43.095 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. 0.01 min
 Lab File: BF112816.D
 Acq: 4 Mar 2019 11:32

Tgt Ion:196 Resp: 358147
 Ion Ratio Lower Upper
 196 100
 198 96.4 76.2 114.2
 97 50.5 41.5 62.3
 132 30.2 23.9 35.9



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

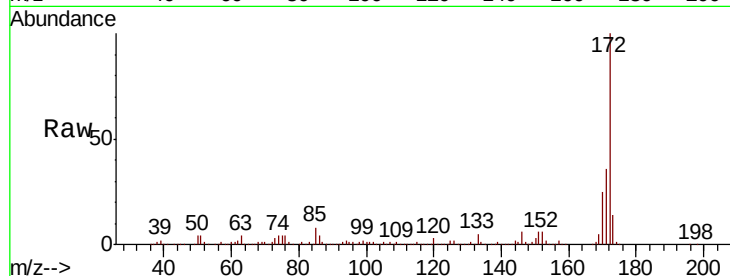




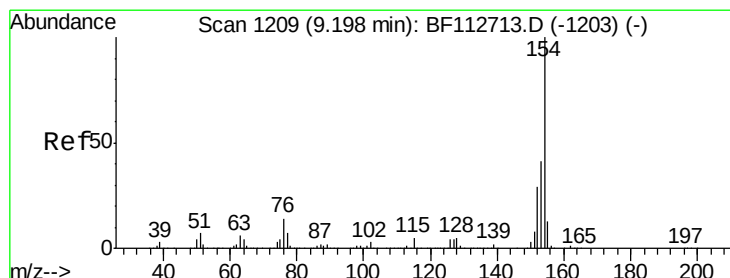
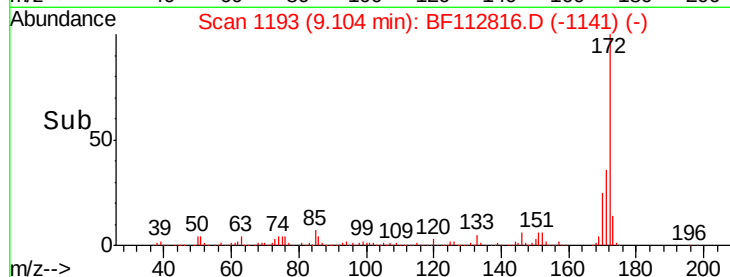
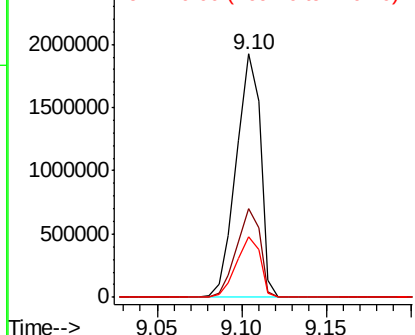
#45
2-Fluorobiphenyl
Concen: 83.013 ng
RT: 9.10 min Scan# 1193
Delta R.T. 0.01 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 1931431
Ion Ratio Lower Upper
172 100
171 36.4 29.0 43.4
170 24.7 20.0 30.0

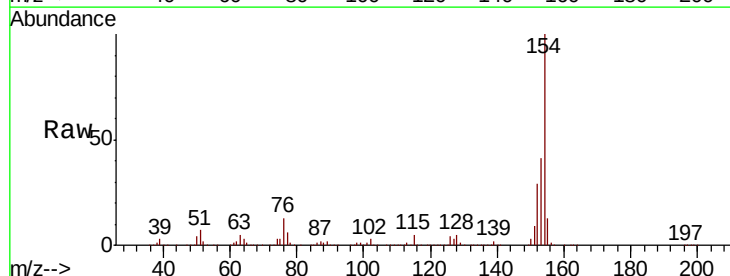


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

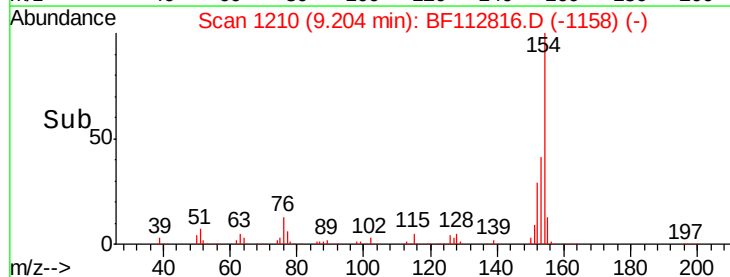
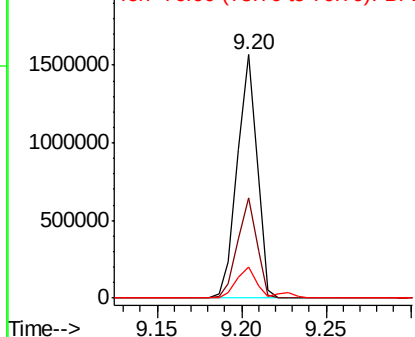


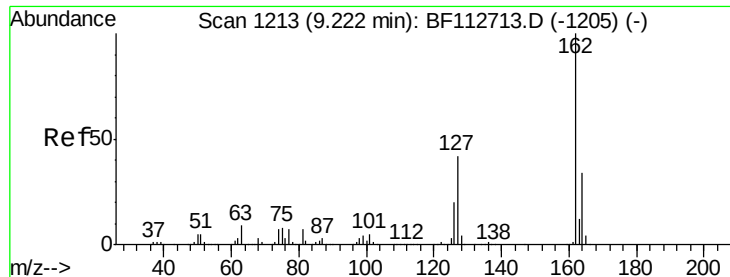
#46
1,1'-Biphenyl
Concen: 40.820 ng
RT: 9.20 min Scan# 1210
Delta R.T. 0.01 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Tgt Ion:154 Resp: 1275560
Ion Ratio Lower Upper
154 100
153 41.3 20.8 60.8
76 12.8 0.0 33.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

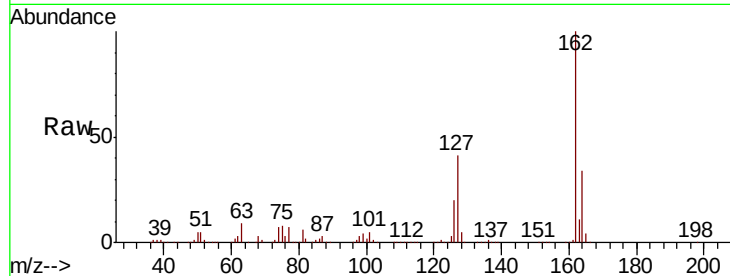




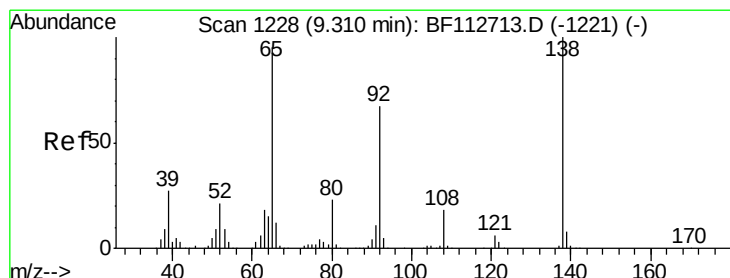
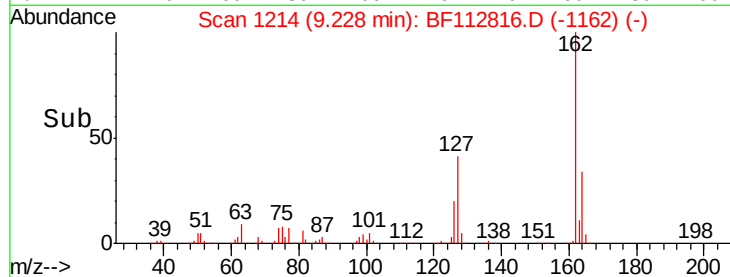
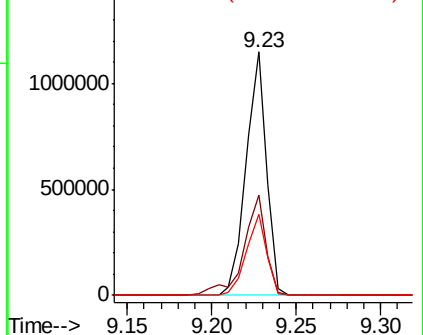
#47
2-Chloronaphthalene
Concen: 39.840 ng
RT: 9.23 min Scan# 1214
Delta R.T. 0.01 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 162 Resp: 972110
Ion Ratio Lower Upper
162 100
127 41.4 33.4 50.2
164 33.5 26.9 40.3

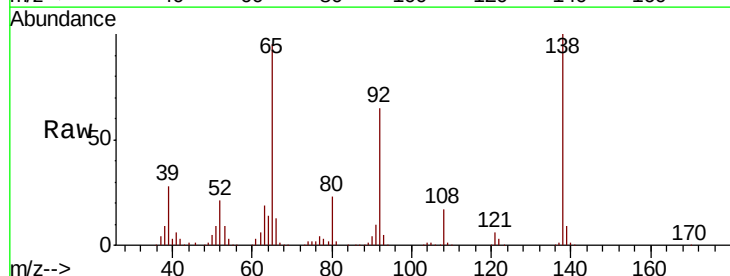


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

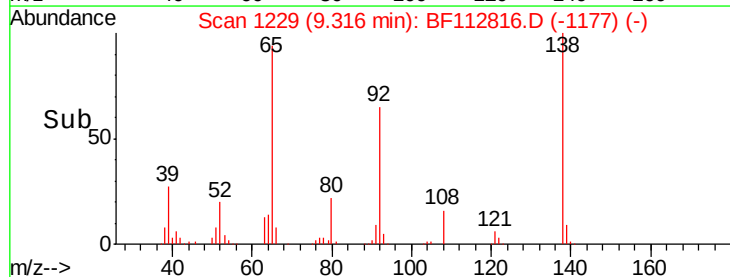
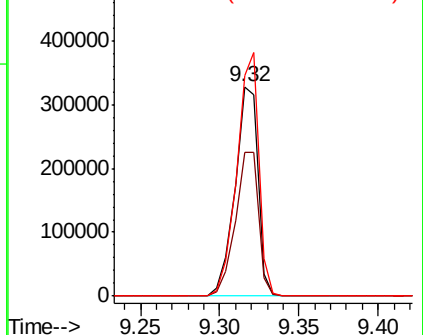


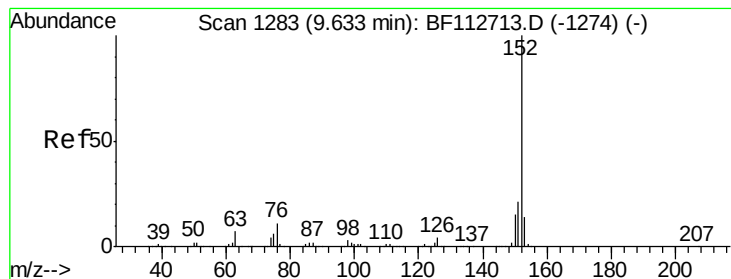
#48
2-Nitroaniline
Concen: 44.550 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.01 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Tgt Ion: 65 Resp: 330408
Ion Ratio Lower Upper
65 100
92 68.4 56.4 84.6
138 105.5 84.6 126.8



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





#49

Acenaphthylene

Concen: 39.139 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.01 min

Lab File: BF112816.D

Acq: 4 Mar 2019 11:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

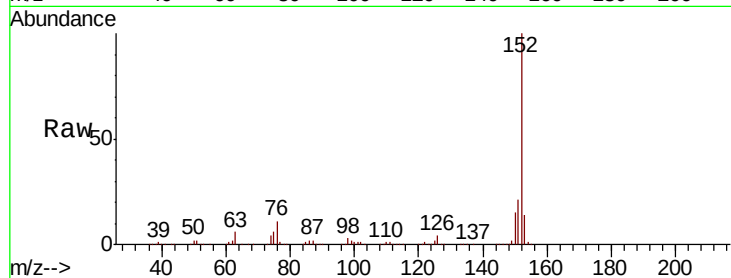
Tgt Ion:152 Resp: 1621236

Ion Ratio Lower Upper

152 100

151 21.1 16.9 25.3

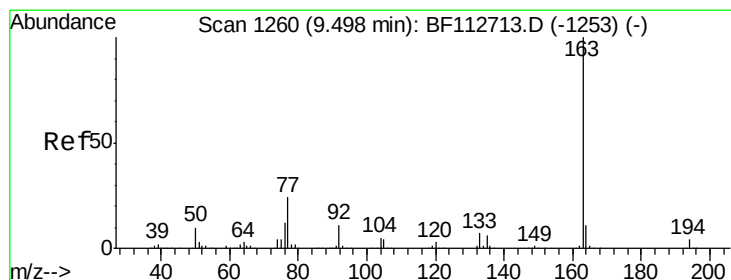
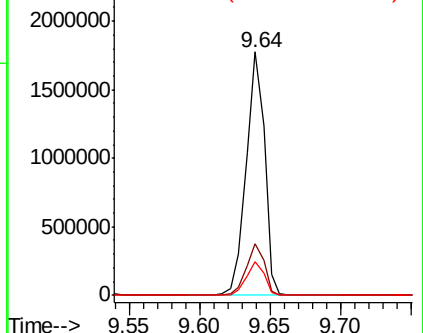
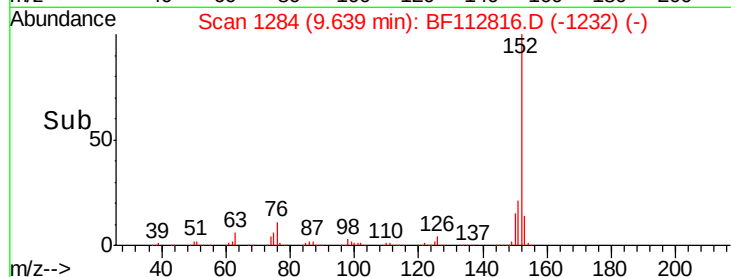
153 13.8 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.644 ng

RT: 9.51 min Scan# 1262

Delta R.T. 0.01 min

Lab File: BF112816.D

Acq: 4 Mar 2019 11:32

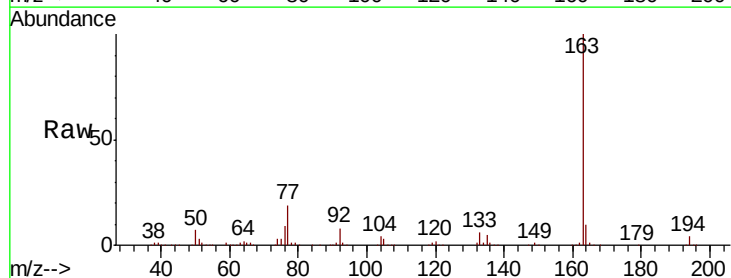
Tgt Ion:163 Resp: 1148136

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.4

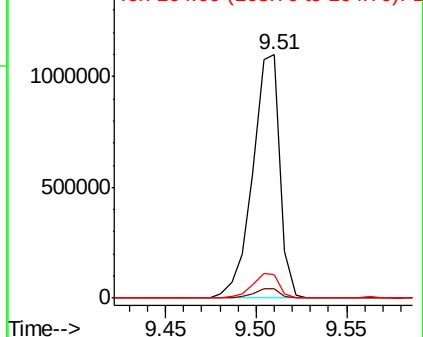
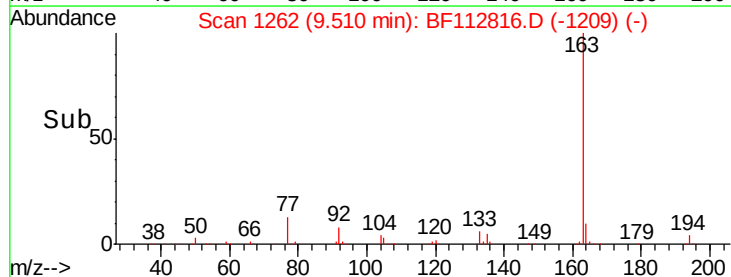
164 9.8 8.4 12.6

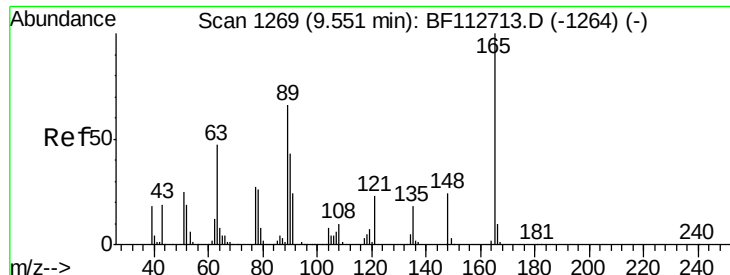


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

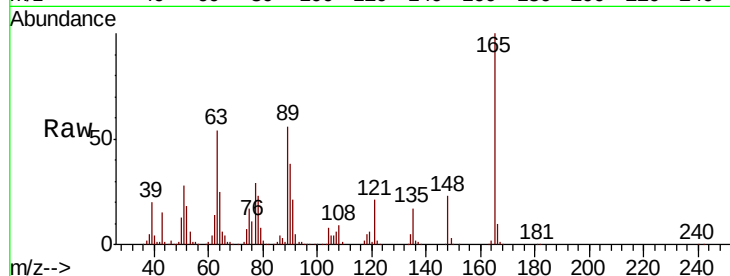




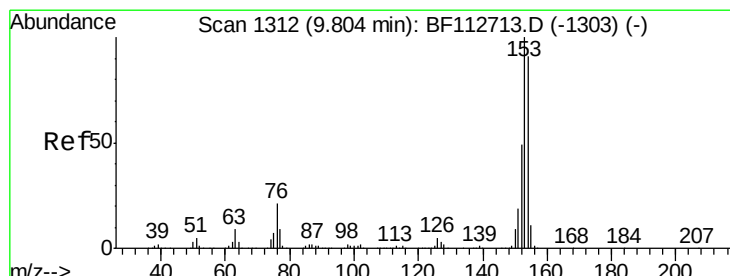
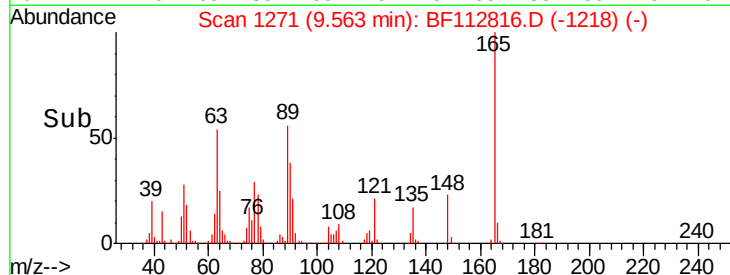
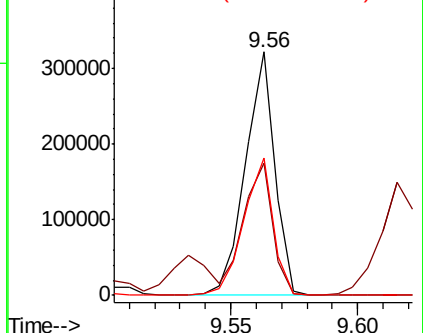
#51
2,6-Dinitrotoluene
Concen: 44.225 ng
RT: 9.56 min Scan# 1271
Delta R.T. 0.01 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 260153
Ion Ratio Lower Upper
165 100
63 54.5 54.1 81.1
89 56.3 52.8 79.2

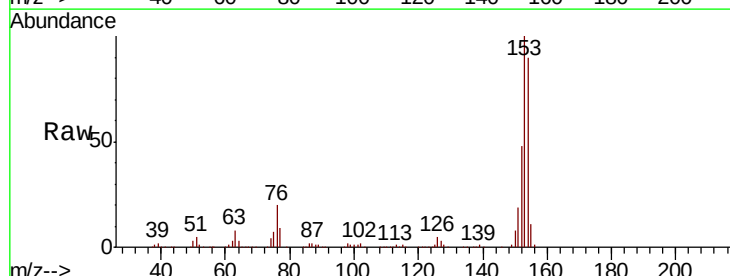


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

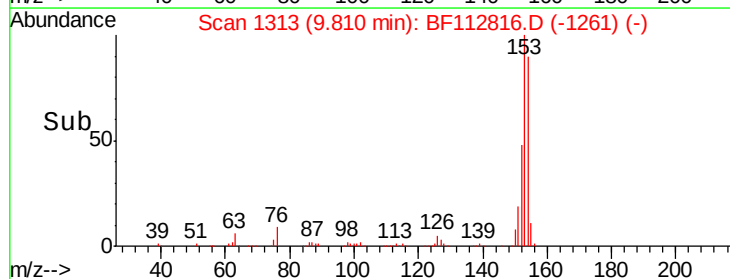
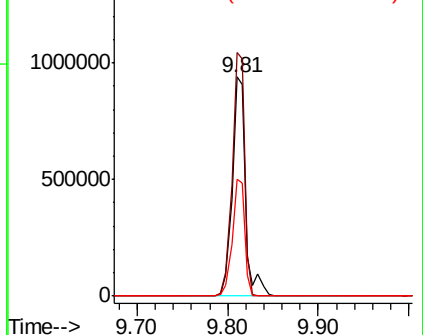


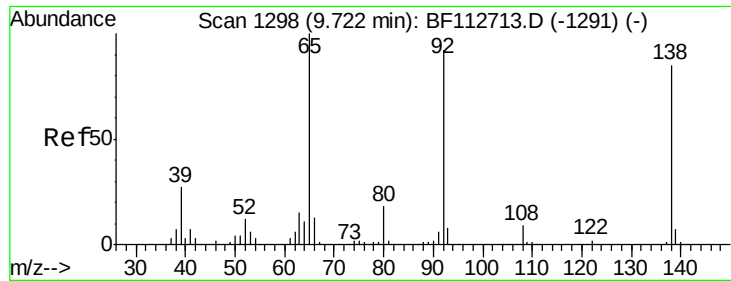
#52
Acenaphthene
Concen: 39.764 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Tgt Ion:154 Resp: 963231
Ion Ratio Lower Upper
154 100
153 111.2 87.8 131.8
152 53.3 43.0 64.6



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: 43.076 ng

RT: 9.73 min Scan# 1299

Delta R.T. 0.01 min

Lab File: BF112816.D

Acq: 4 Mar 2019 11:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

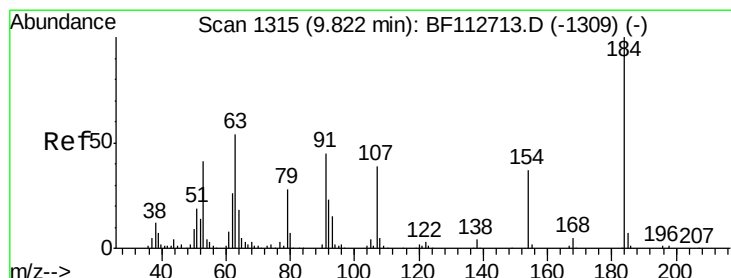
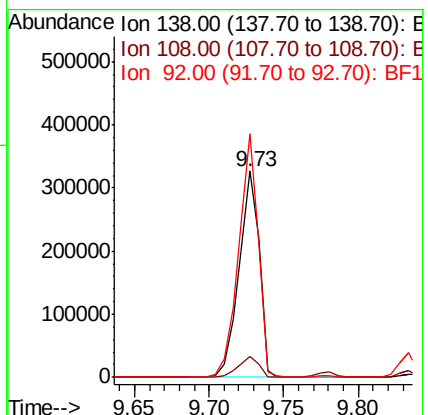
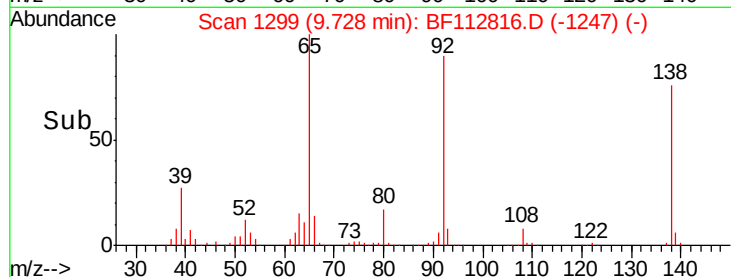
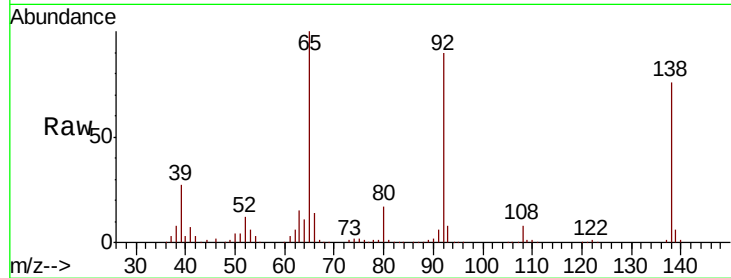
Tgt Ion:138 Resp: 308765

Ion Ratio Lower Upper

138 100

108 9.9 8.6 13.0

92 118.2 86.6 129.8



#54

2,4-Dinitrophenol

Concen: 52.961 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.01 min

Lab File: BF112816.D

Acq: 4 Mar 2019 11:32

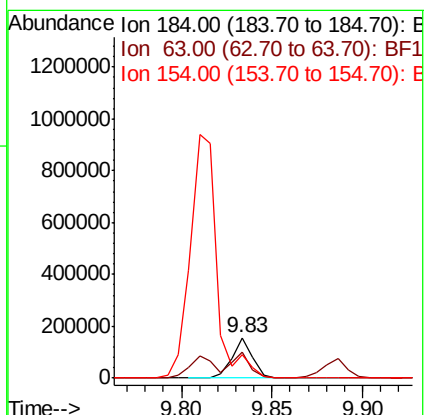
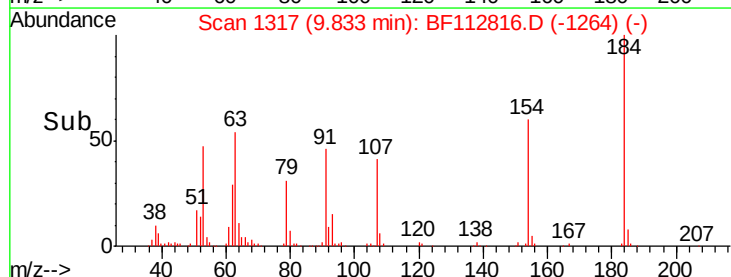
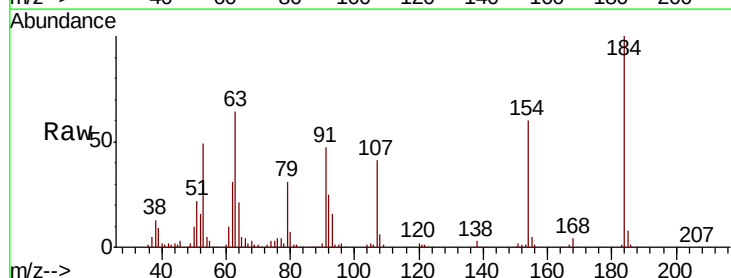
Tgt Ion:184 Resp: 121726

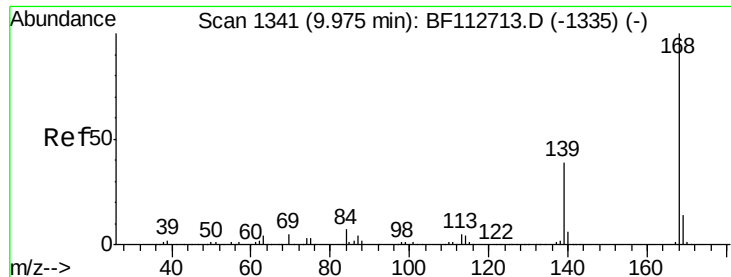
Ion Ratio Lower Upper

184 100

63 63.6 45.3 67.9

154 59.5 46.0 69.0





#55

Dibenzofuran

Concen: 39.387 ng

RT: 9.99 min Scan# 1343

Delta R.T. 0.01 min

Lab File: BF112816.D

Acq: 4 Mar 2019 11:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

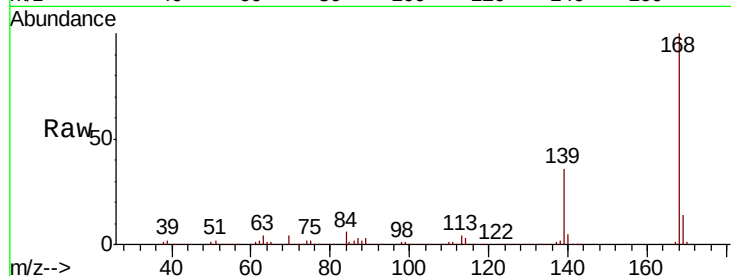
Tgt Ion:168 Resp: 1386686

Ion Ratio Lower Upper

168 100

139 36.1 31.3 46.9

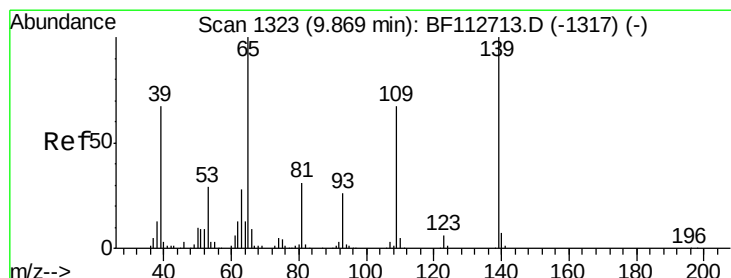
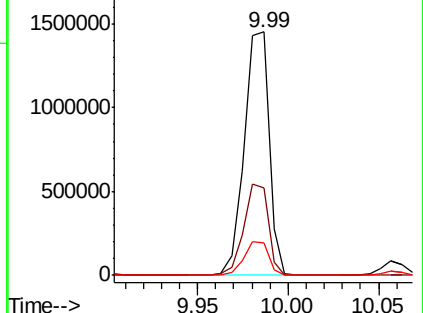
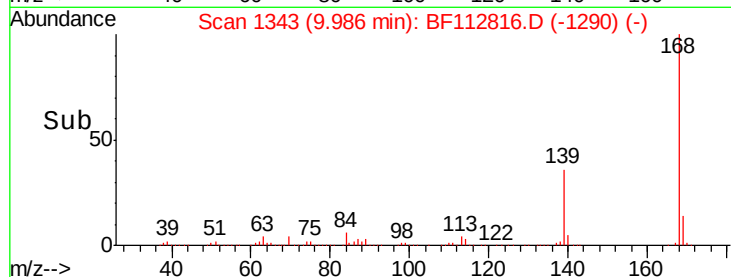
169 13.6 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 42.773 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.02 min

Lab File: BF112816.D

Acq: 4 Mar 2019 11:32

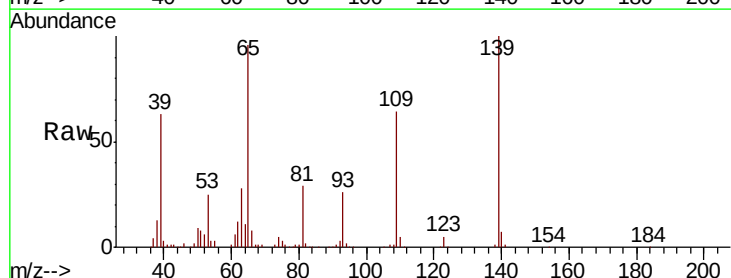
Tgt Ion:139 Resp: 249174

Ion Ratio Lower Upper

139 100

109 63.8 46.8 86.8

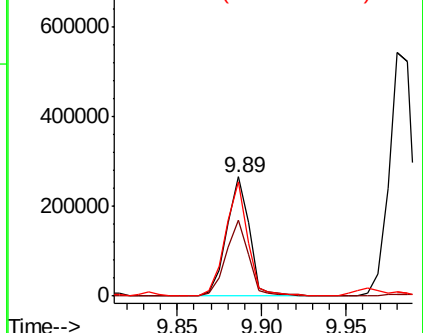
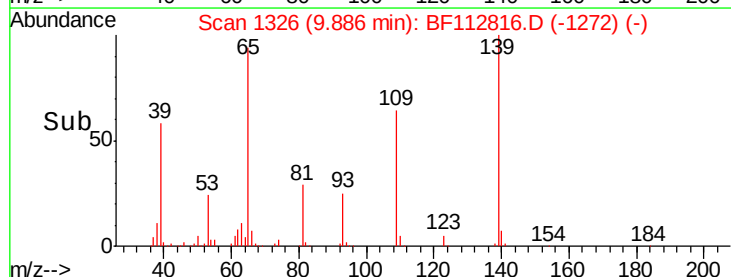
65 95.8 80.7 120.7

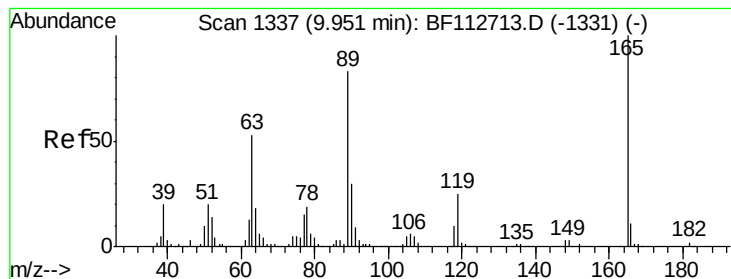


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 47.748 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.01 min

Lab File: BF112816.D

Acq: 4 Mar 2019 11:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 349143

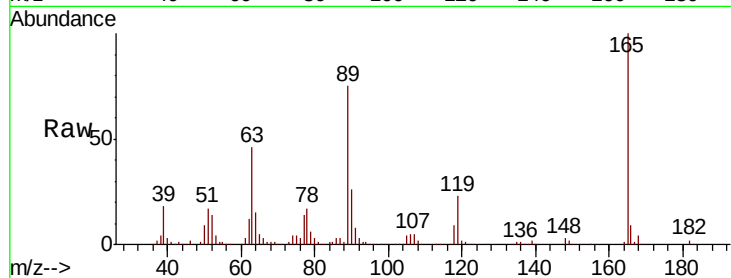
Ion Ratio Lower Upper

165 100

63 46.1 42.2 63.2

89 74.6 66.2 99.4

182 2.4 1.8 2.6

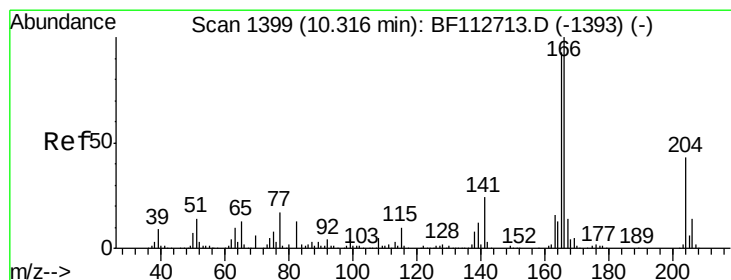
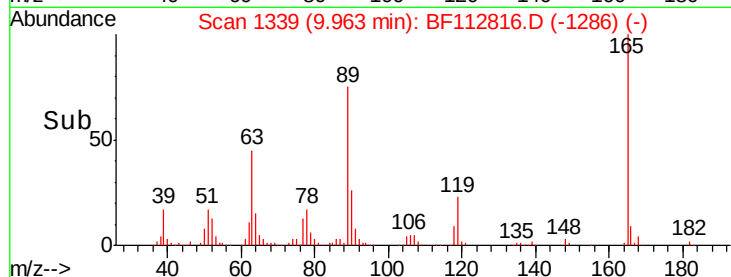
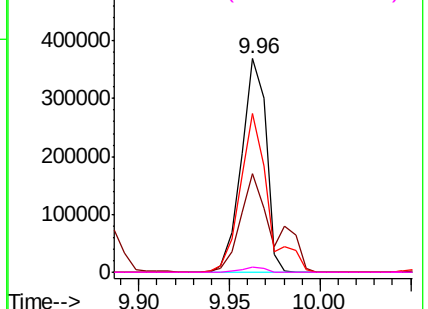


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 39.974 ng

RT: 10.33 min Scan# 1401

Delta R.T. 0.01 min

Lab File: BF112816.D

Acq: 4 Mar 2019 11:32

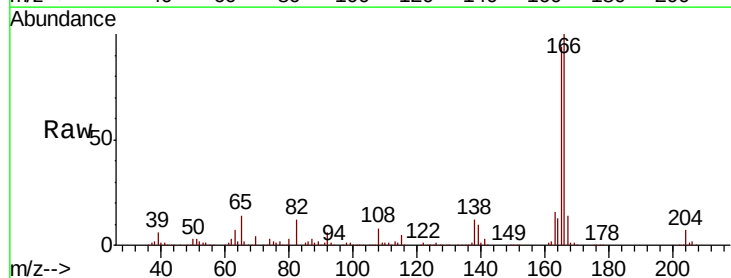
Tgt Ion:166 Resp: 998885

Ion Ratio Lower Upper

166 100

165 94.1 74.7 112.1

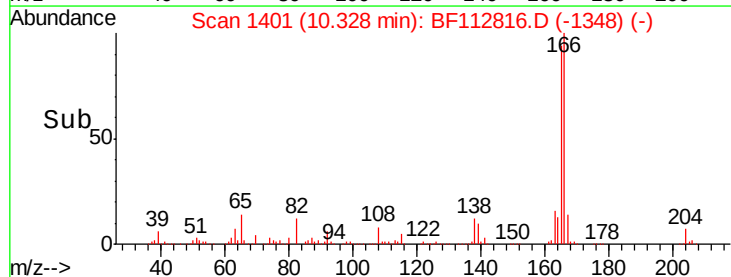
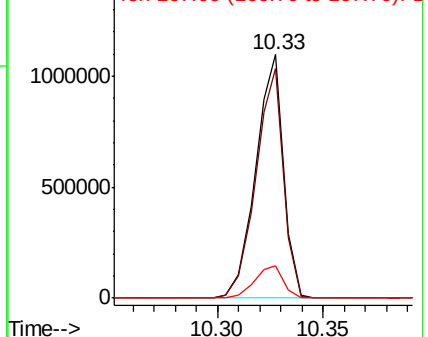
167 13.6 11.0 16.6

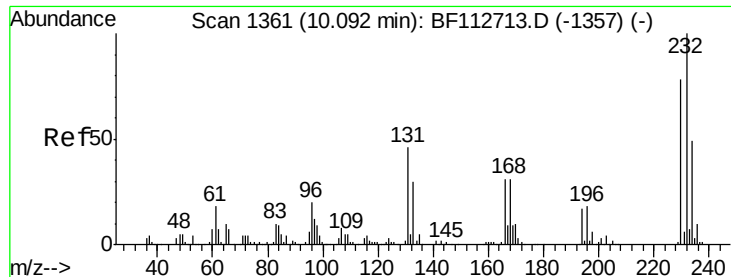


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

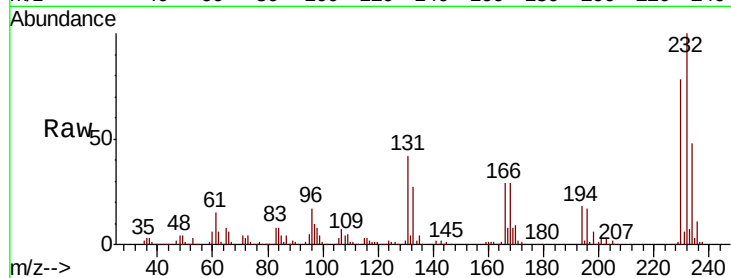




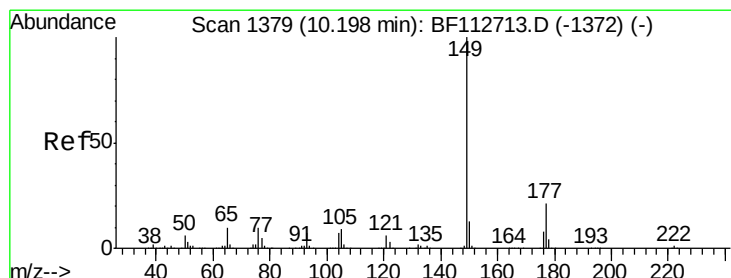
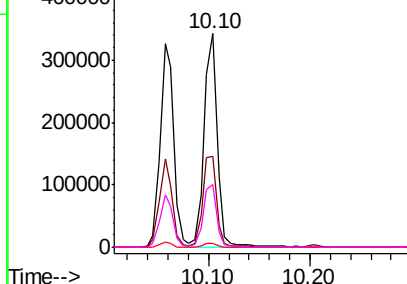
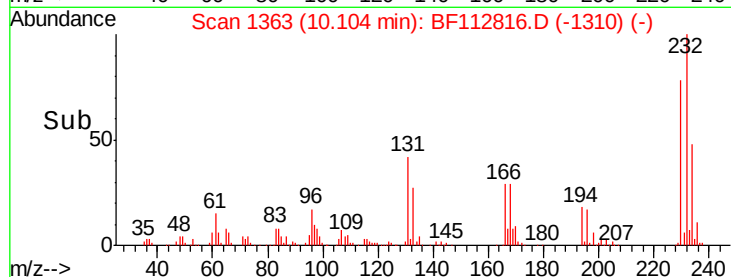
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.383 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 232 Resp: 307308
Ion Ratio Lower Upper
232 100
131 45.3 38.7 58.1
130 2.1 1.9 2.9
166 30.0 25.2 37.8

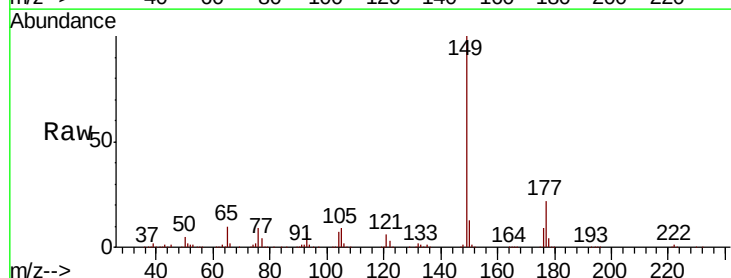


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

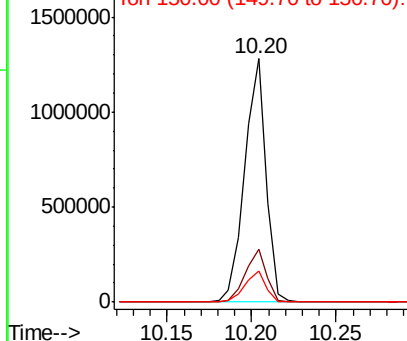
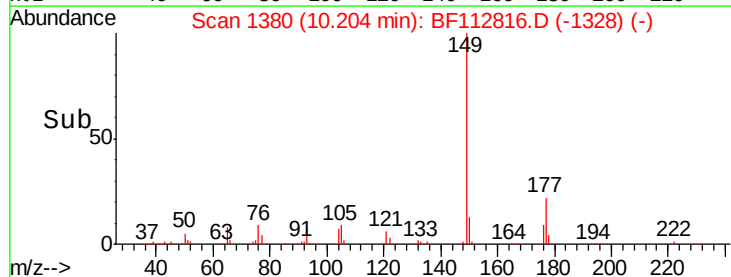


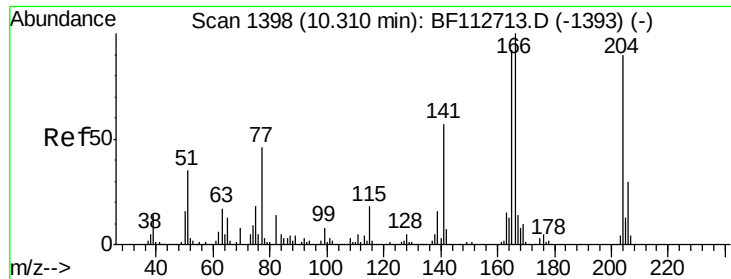
#60
Diethylphthalate
Concen: 37.980 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.01 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Tgt Ion: 149 Resp: 1133143
Ion Ratio Lower Upper
149 100
177 22.0 17.0 25.6
150 12.9 10.0 15.0



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

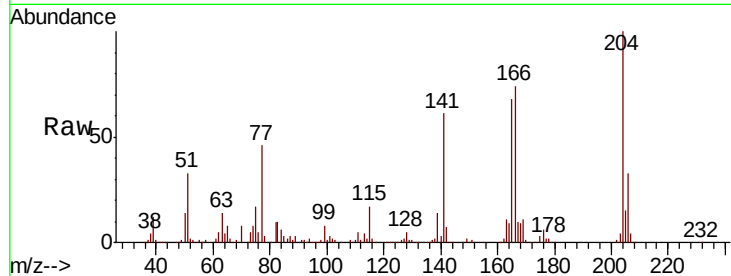




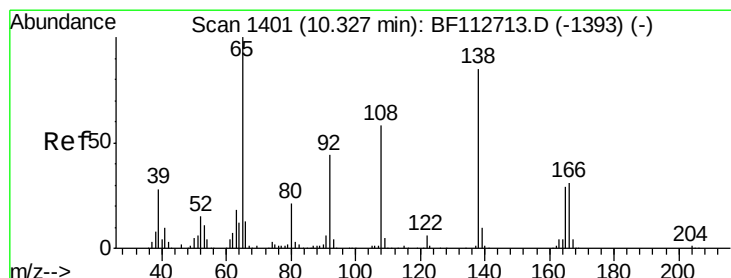
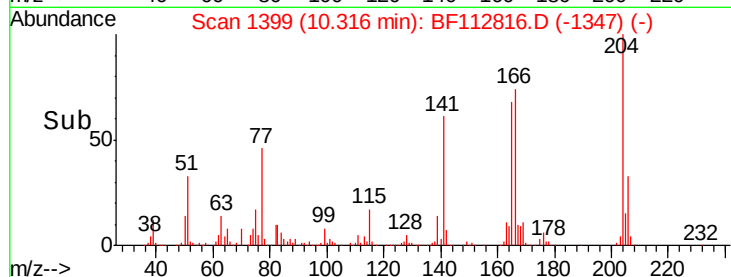
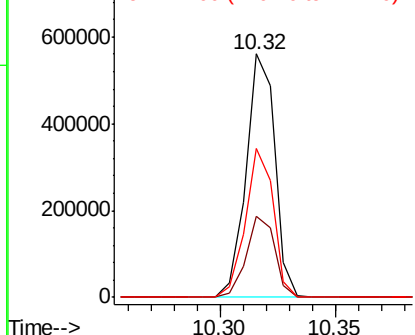
#61
4-Chlorophenyl-phenylether
Concen: 42.096 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.01 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 489416
Ion Ratio Lower Upper
204 100
206 33.3 26.6 40.0
141 60.9 50.8 76.2

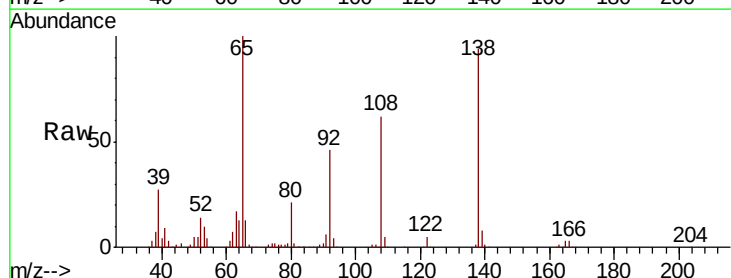


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

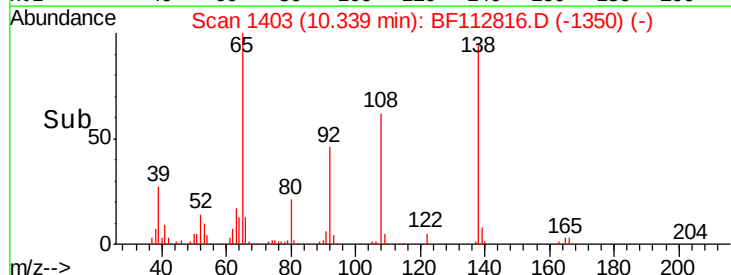
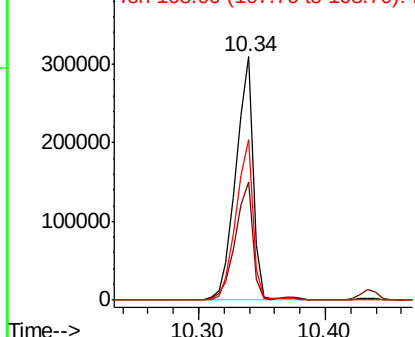


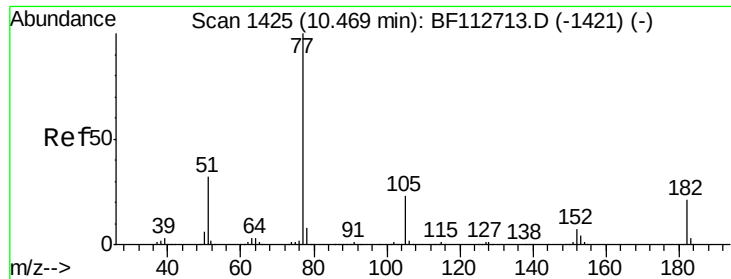
#62
4-Nitroaniline
Concen: 44.187 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.01 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Tgt Ion:138 Resp: 292678
Ion Ratio Lower Upper
138 100
92 48.4 31.3 71.3
108 65.8 48.1 88.1



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: 36.633 ng

RT: 10.48 min Scan# 1427

Delta R.T. 0.01 min

Lab File: BF112816.D

Acq: 4 Mar 2019 11:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 1119469

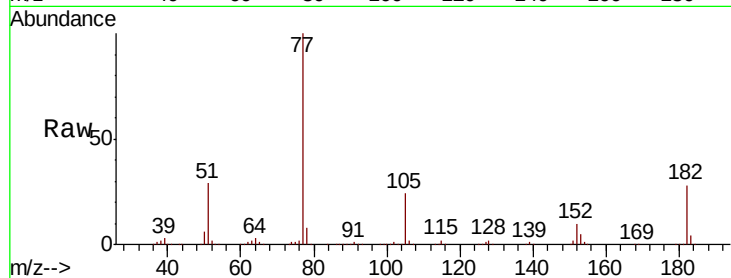
Ion Ratio Lower Upper

77 100

182 27.6 1.4 41.4

105 23.5 2.6 42.6

51 28.8 12.0 52.0

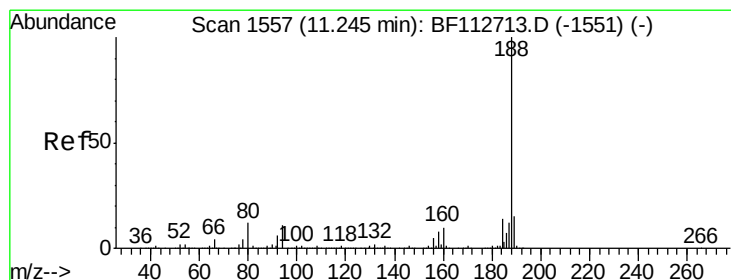
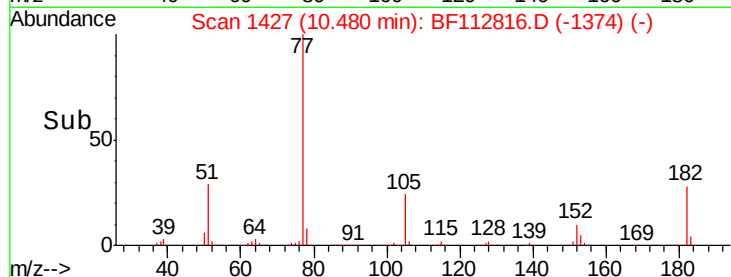
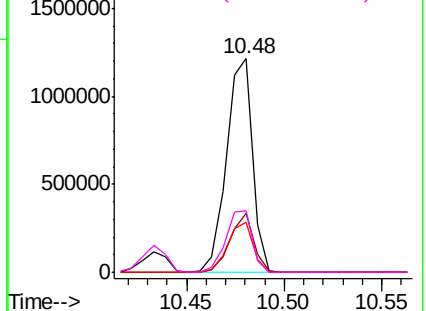


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.26 min Scan# 1559

Delta R.T. 0.01 min

Lab File: BF112816.D

Acq: 4 Mar 2019 11:32

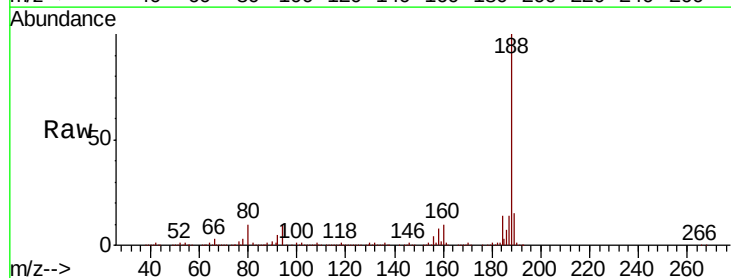
Tgt Ion: 188 Resp: 755574

Ion Ratio Lower Upper

188 100

94 9.6 9.0 13.4

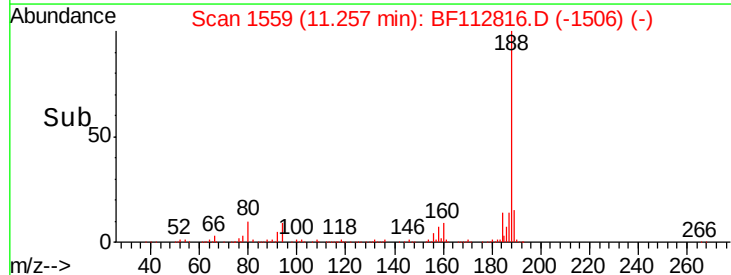
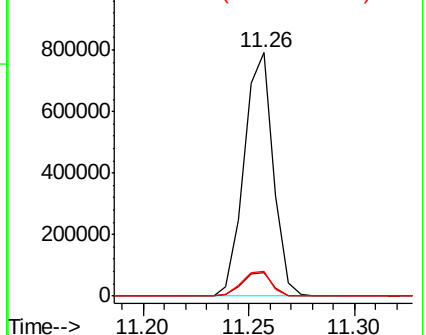
80 10.0 9.2 13.8

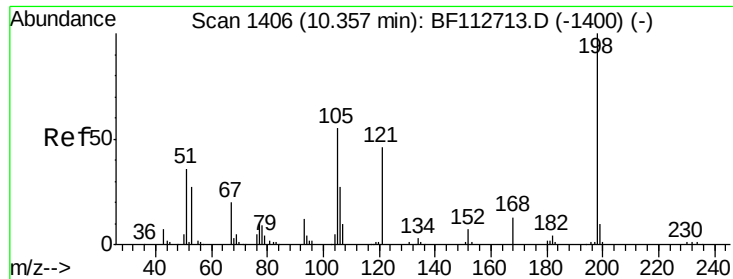


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 47.177 ng

RT: 10.37 min Scan# 1409

Delta R.T. 0.02 min

Lab File: BF112816.D

Acq: 4 Mar 2019 11:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

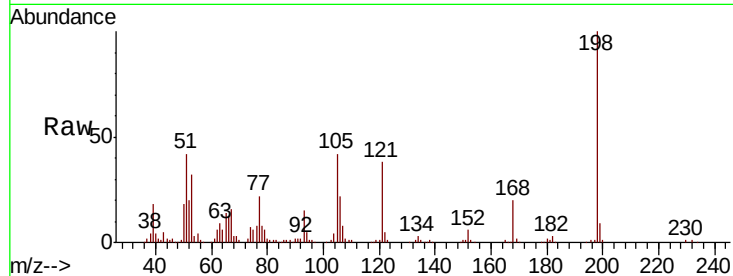
Tgt Ion:198 Resp: 146191

Ion Ratio Lower Upper

198 100

51 42.2 43.8 83.8#

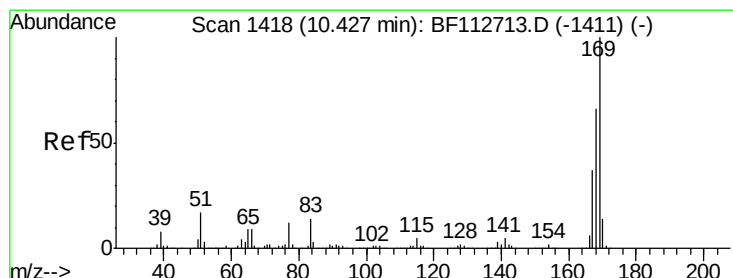
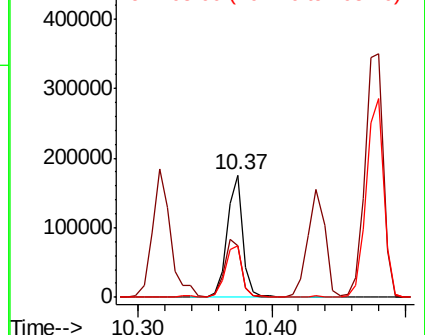
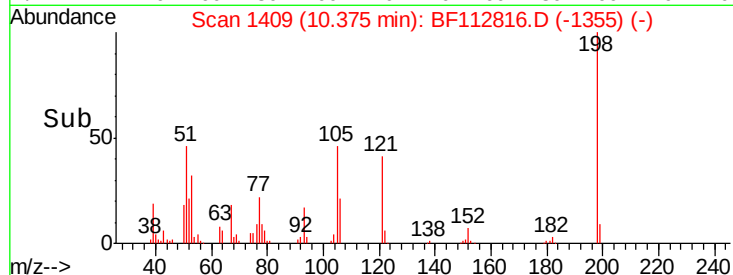
105 42.0 36.5 76.5



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: 38.922 ng

RT: 10.43 min Scan# 1419

Delta R.T. 0.01 min

Lab File: BF112816.D

Acq: 4 Mar 2019 11:32

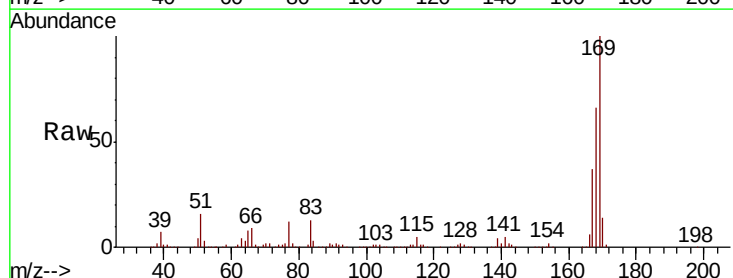
Tgt Ion:169 Resp: 943167

Ion Ratio Lower Upper

169 100

168 66.3 53.0 79.6

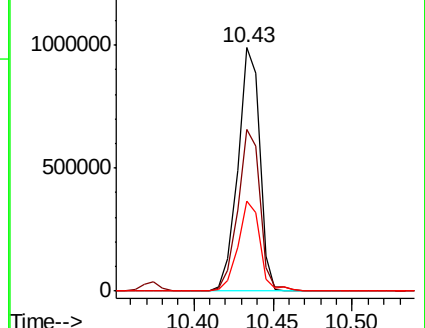
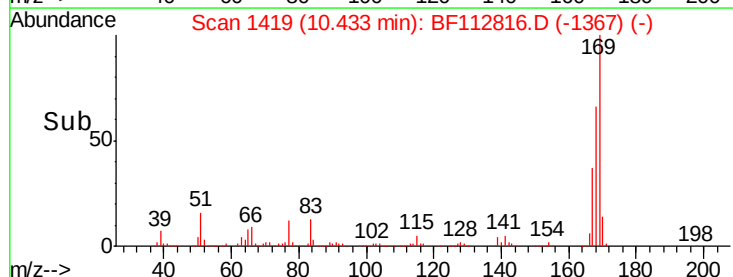
167 36.7 29.3 43.9

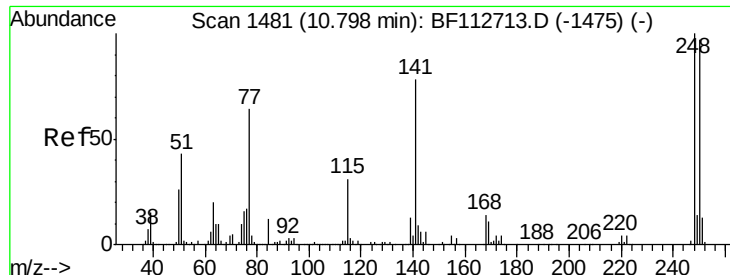


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

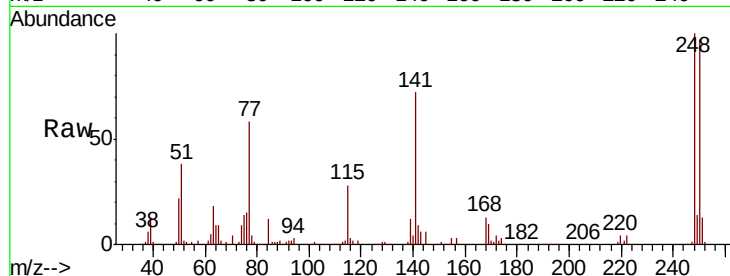




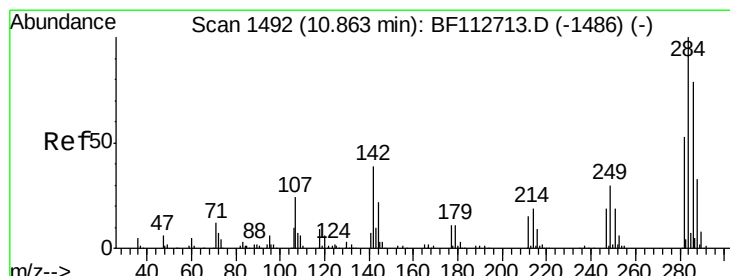
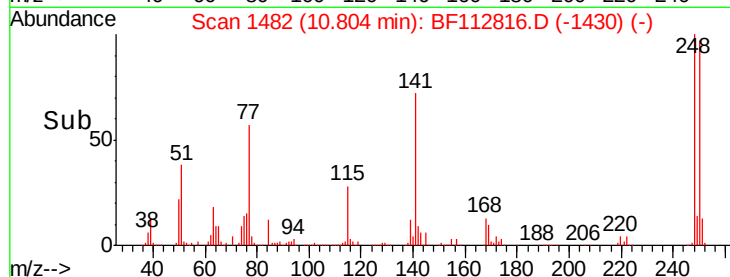
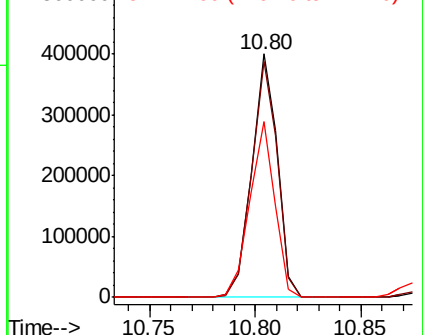
#67
4-Bromophenyl-phenylether
Concen: 42.390 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.01 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 337358
Ion Ratio Lower Upper
248 100
250 97.0 77.5 116.3
141 72.3 62.4 93.6

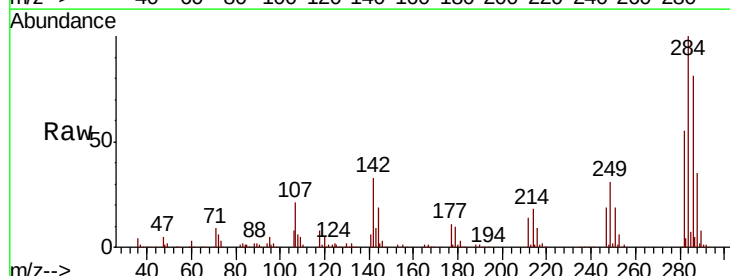


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

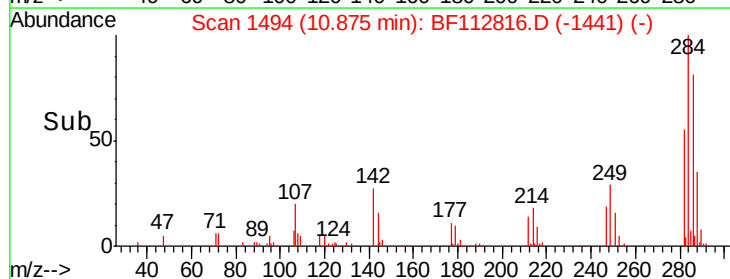
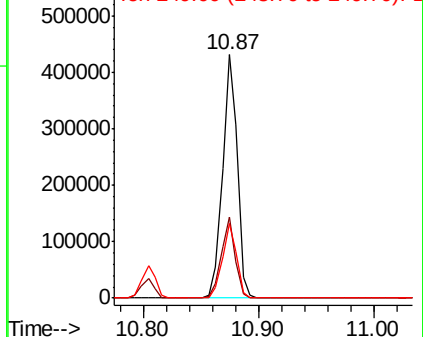


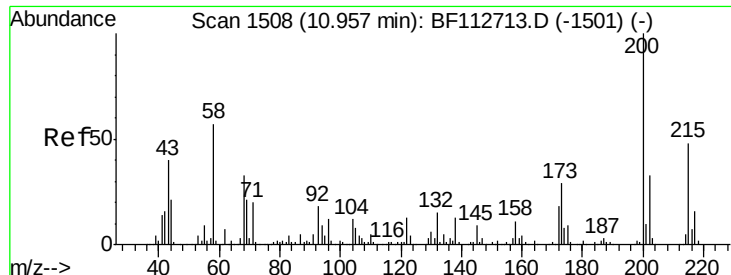
#68
Hexachlorobenzene
Concen: 42.510 ng
RT: 10.87 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Tgt Ion:284 Resp: 381367
Ion Ratio Lower Upper
284 100
142 33.2 31.0 46.6
249 30.7 23.6 35.4



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

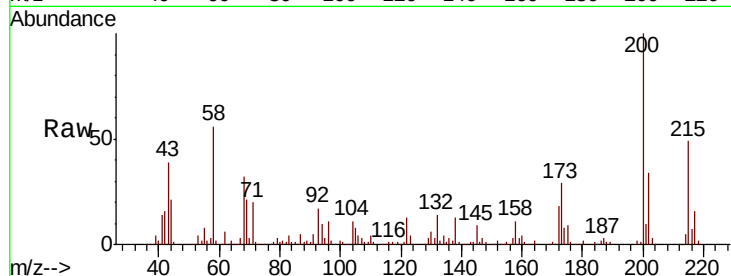




#69
Atrazine
Concen: 40.538 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.01 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.3	9.1	49.1
215	49.1	28.2	68.2

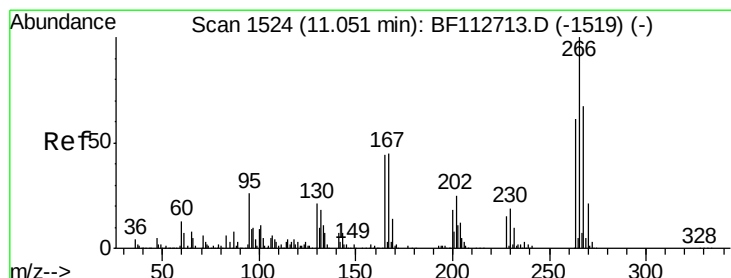
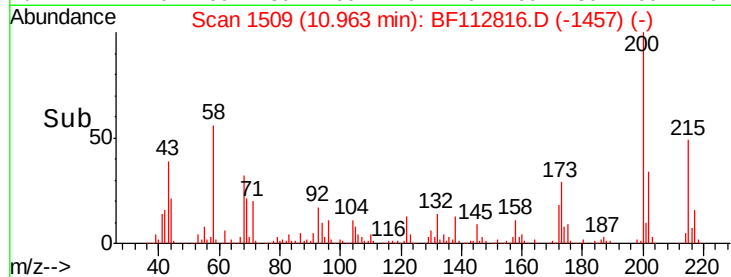
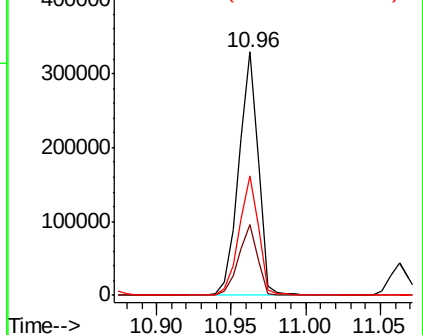


Abundance

Ion 200.00 (199.70 to 200.70): E

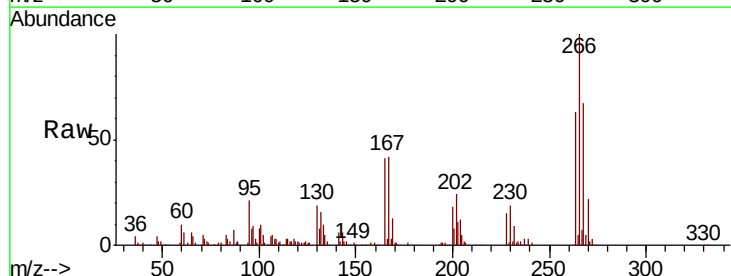
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 45.109 ng
RT: 11.06 min Scan# 1526
Delta R.T. 0.01 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.1	53.3	79.9
264	62.7	48.9	73.3

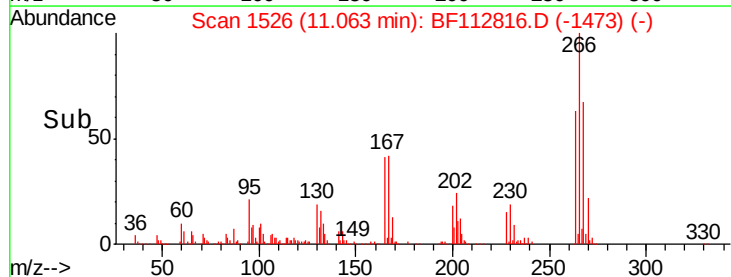
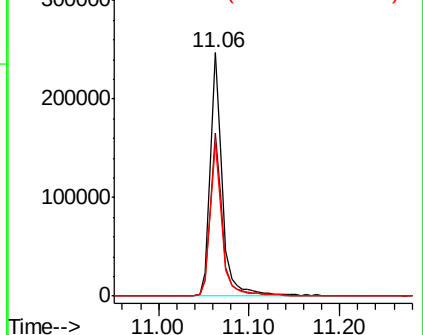


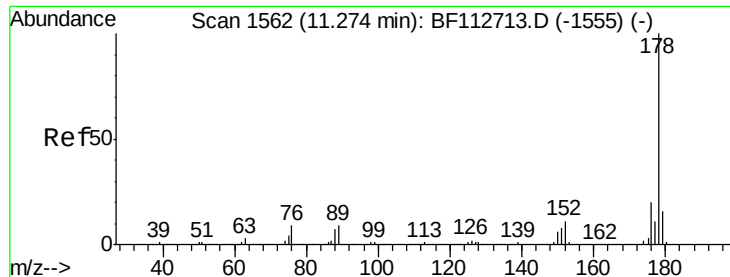
Abundance

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

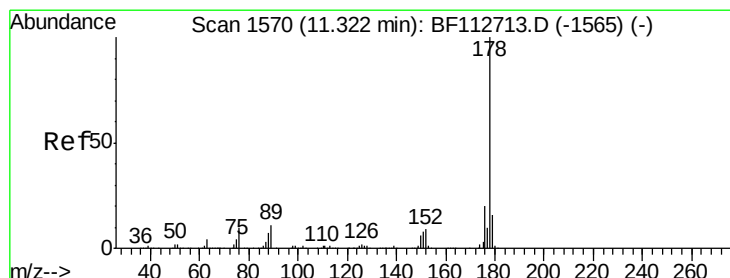
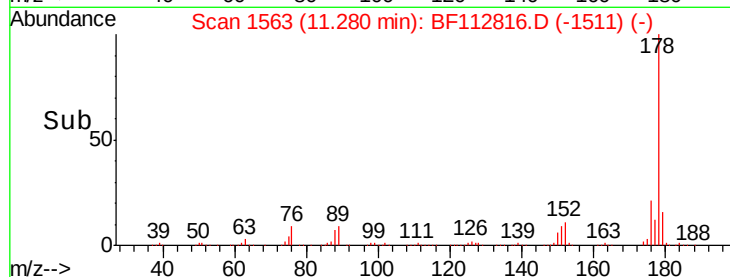
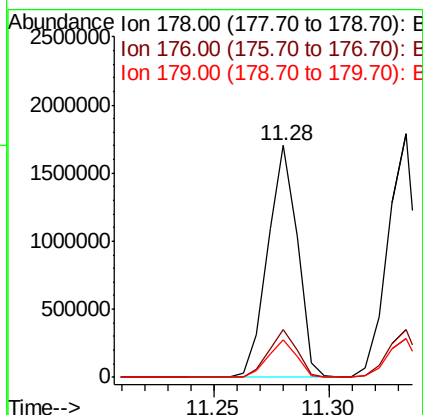
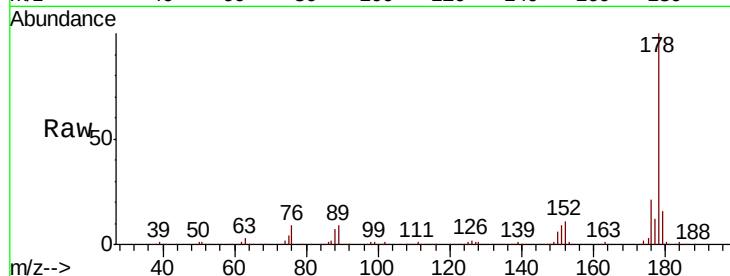




#71
Phenanthrene
Concen: 40.316 ng
RT: 11.28 min Scan# 1563
Delta R.T. 0.01 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

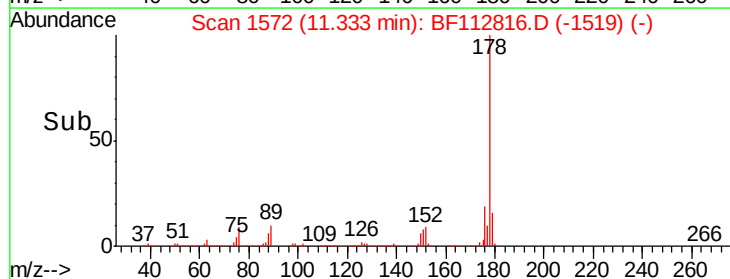
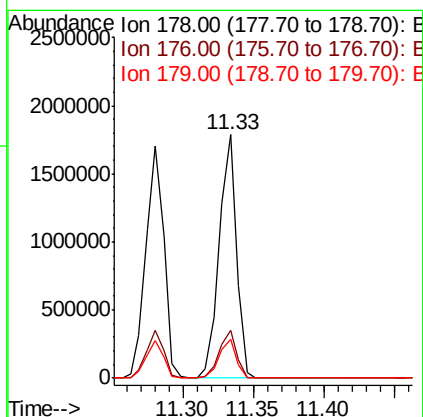
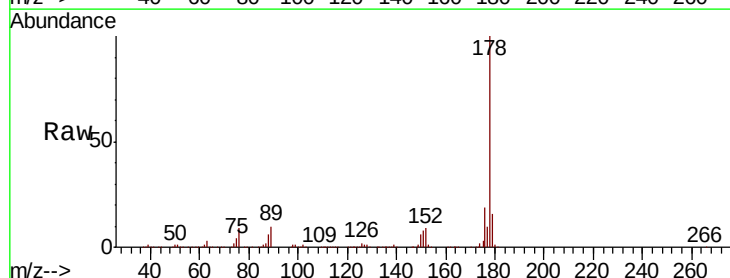
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

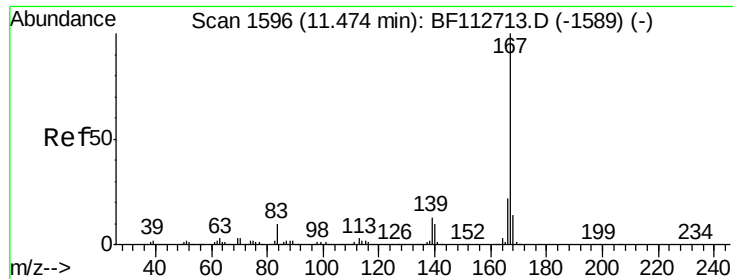
Tgt Ion:178 Resp: 1515581
Ion Ratio Lower Upper
178 100
176 20.5 16.3 24.5
179 16.1 12.7 19.1



#72
Anthracene
Concen: 38.814 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Tgt Ion:178 Resp: 1527402
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.6
179 16.1 13.0 19.6

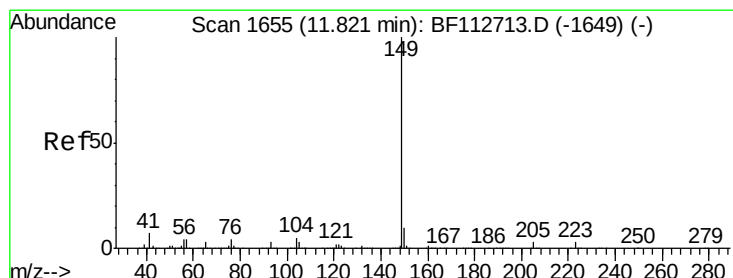
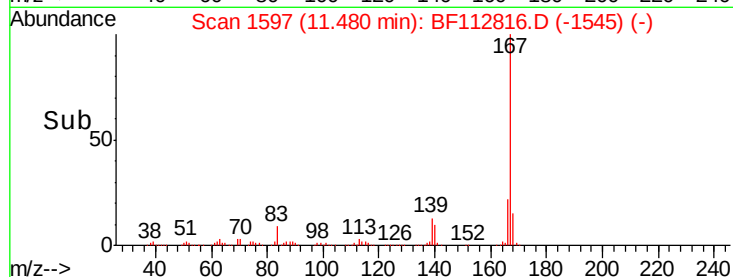
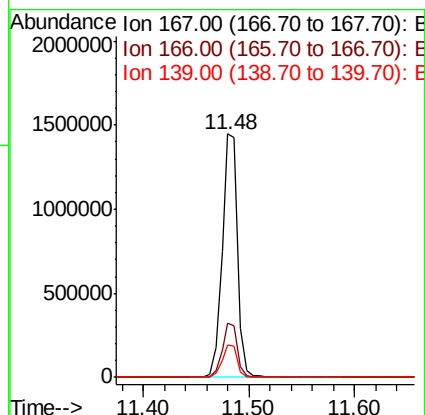
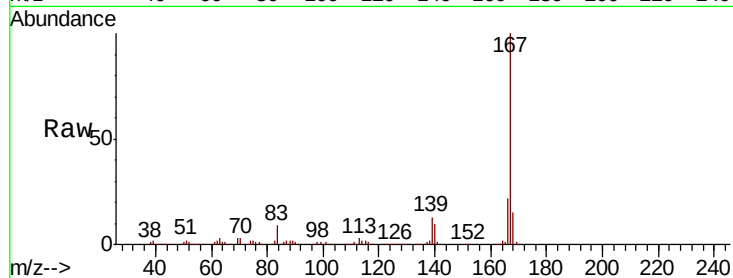




#73
 Carbazole
 Concen: 38.602 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. 0.01 min
 Lab File: BF112816.D
 Acq: 4 Mar 2019 11:32

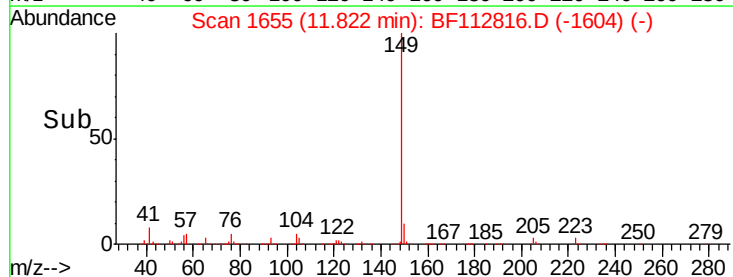
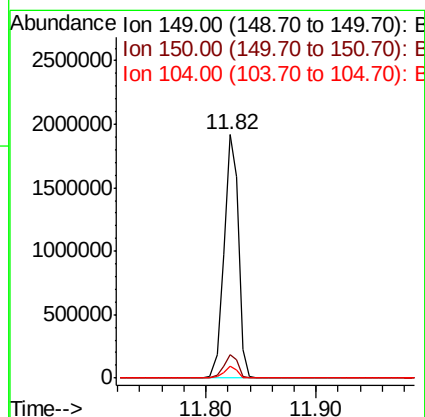
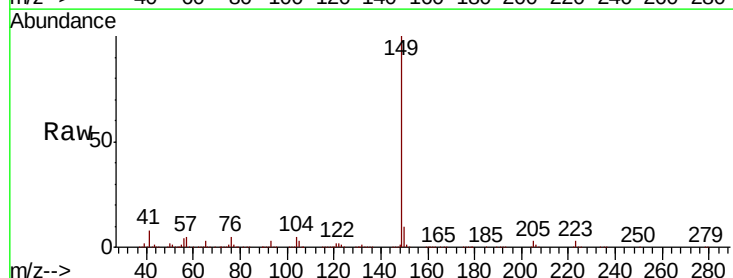
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

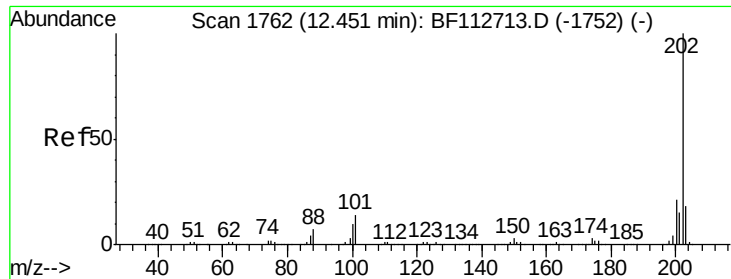
Tgt Ion:167 Resp: 1481835
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.5 26.3
 139 13.4 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 37.780 ng
 RT: 11.82 min Scan# 1655
 Delta R.T. 0.00 min
 Lab File: BF112816.D
 Acq: 4 Mar 2019 11:32

Tgt Ion:149 Resp: 1738958
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.6 11.4
 104 5.0 3.7 5.5





#75

Fluoranthene

Concen: 40.019 ng

RT: 12.46 min Scan# 1764

Delta R.T. 0.01 min

Lab File: BF112816.D

Acq: 4 Mar 2019 11:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

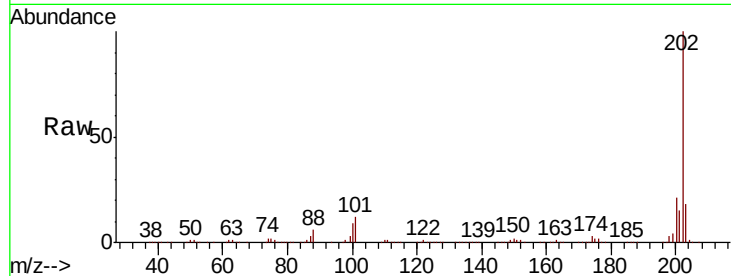
Tgt Ion:202 Resp: 1611799

Ion Ratio Lower Upper

202 100

101 12.2 0.0 33.8

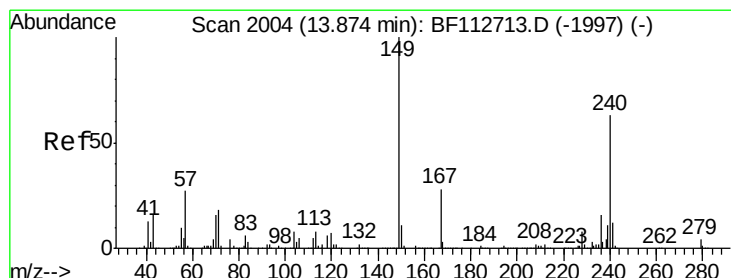
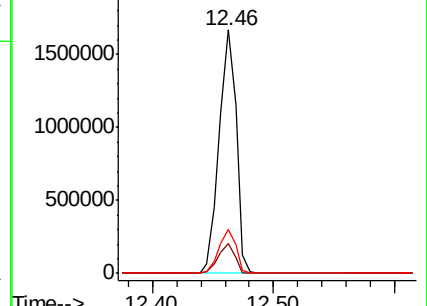
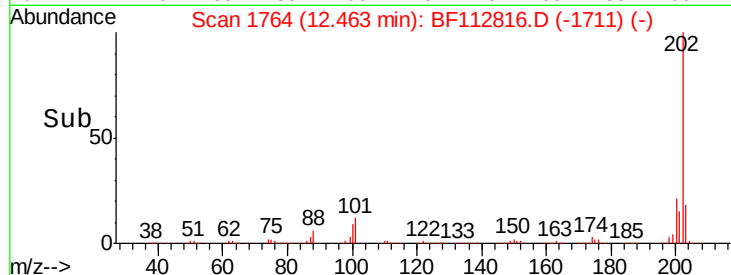
203 18.1 0.0 38.4



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: 13.89 min Scan# 2006

Delta R.T. 0.01 min

Lab File: BF112816.D

Acq: 4 Mar 2019 11:32

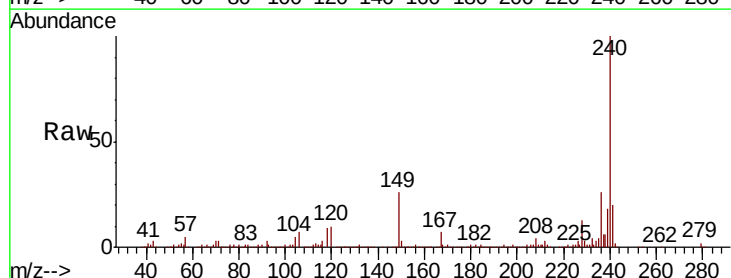
Tgt Ion:240 Resp: 466518

Ion Ratio Lower Upper

240 100

120 10.2 8.9 13.3

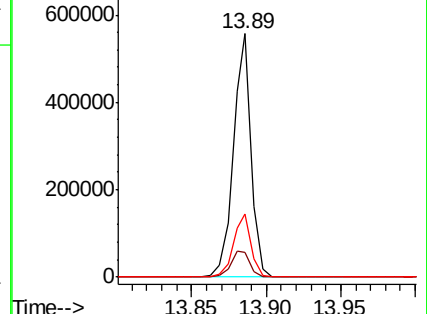
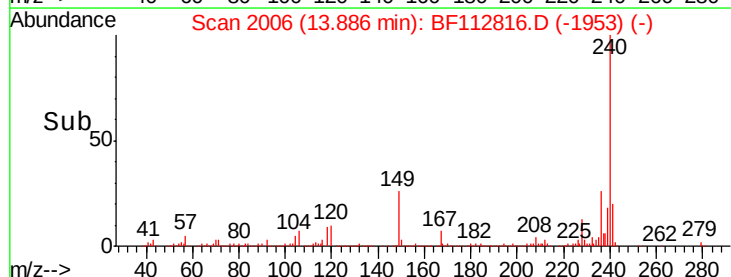
236 26.1 20.7 31.1

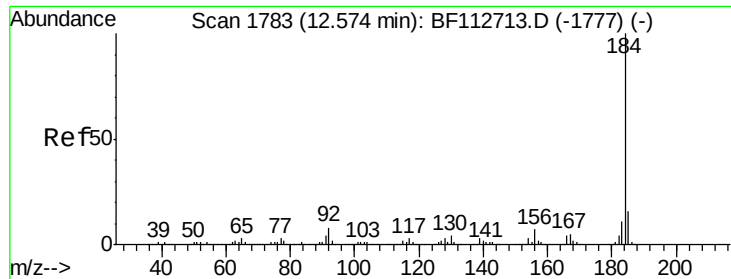


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 34.716 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF112816.D

Acq: 4 Mar 2019 11:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

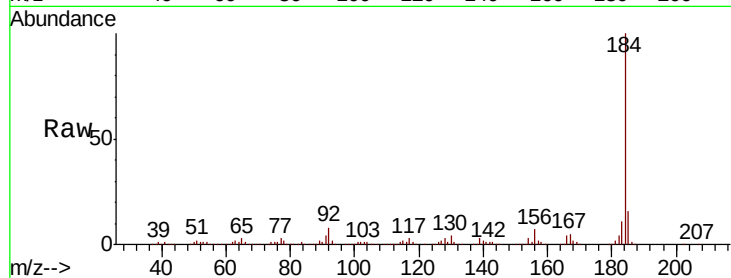
Tgt Ion:184 Resp: 840261

Ion Ratio Lower Upper

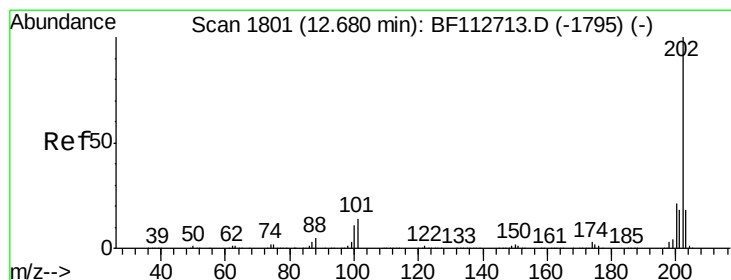
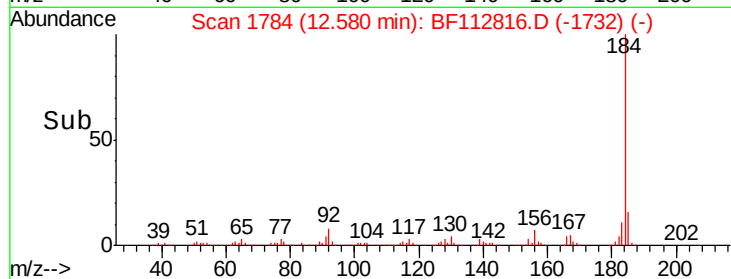
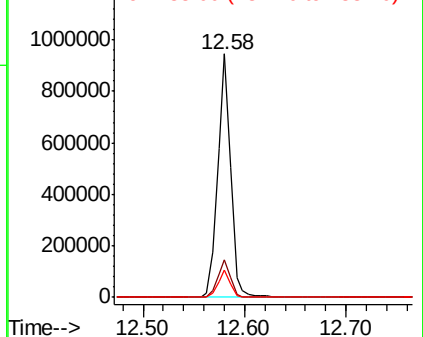
184 100

185 15.6 12.6 18.8

183 11.1 8.6 12.8



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: 41.124 ng

RT: 12.69 min Scan# 1803

Delta R.T. 0.01 min

Lab File: BF112816.D

Acq: 4 Mar 2019 11:32

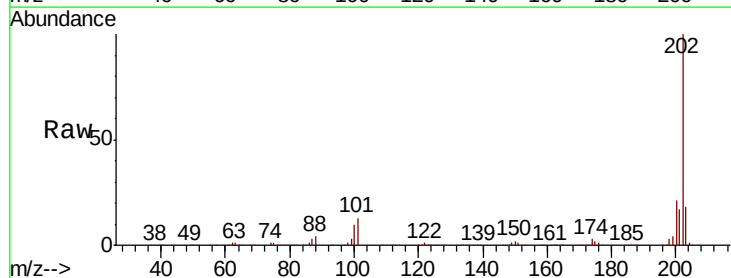
Tgt Ion:202 Resp: 1617359

Ion Ratio Lower Upper

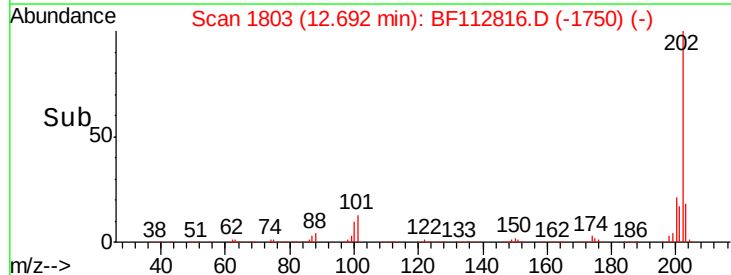
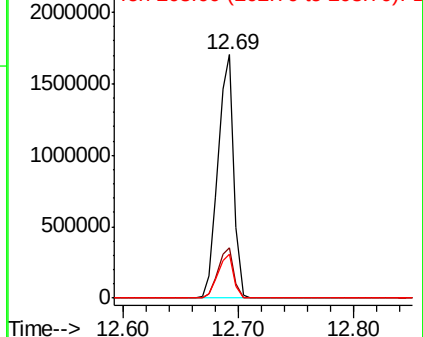
202 100

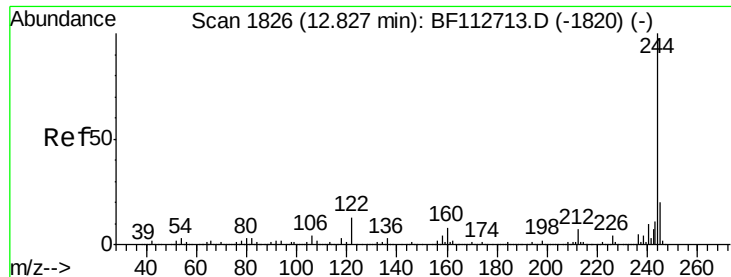
200 20.6 17.0 25.4

203 17.9 14.4 21.6



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: 81.681 ng

RT: 12.84 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF112816.D

Acq: 4 Mar 2019 11:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

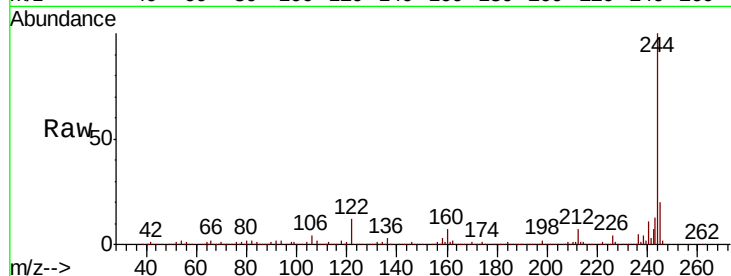
Tgt Ion:244 Resp: 1965740

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

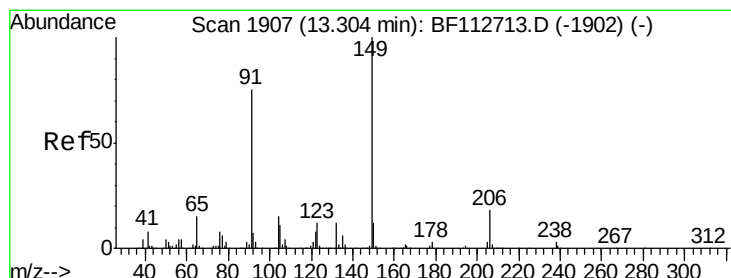
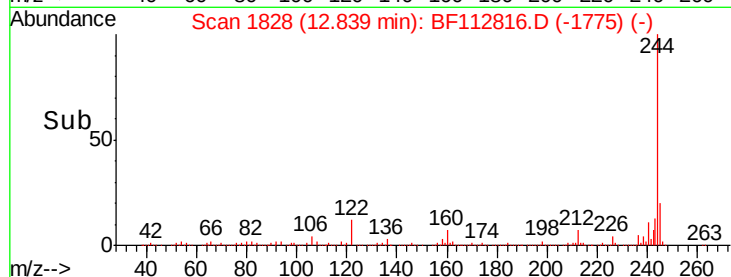
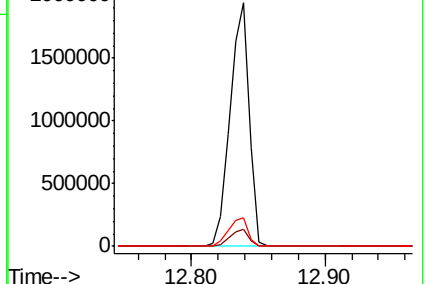
122 11.7 10.5 15.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.222 ng

RT: 13.31 min Scan# 1908

Delta R.T. 0.01 min

Lab File: BF112816.D

Acq: 4 Mar 2019 11:32

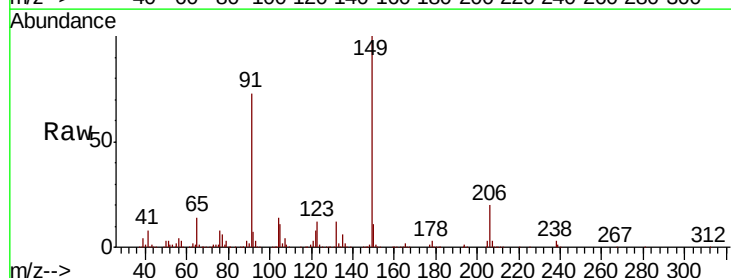
Tgt Ion:149 Resp: 680897

Ion Ratio Lower Upper

149 100

91 73.1 59.9 89.9

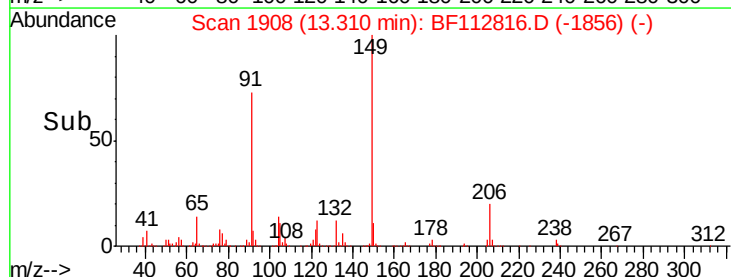
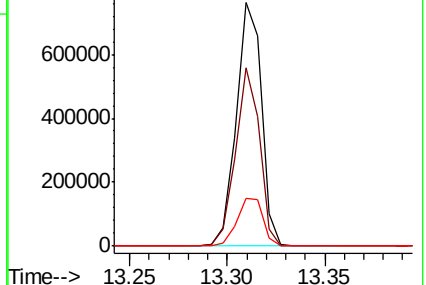
206 19.8 14.7 22.1

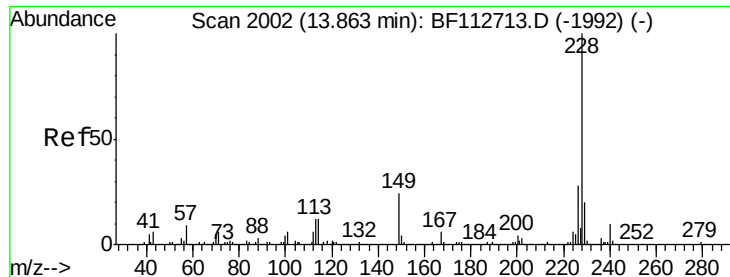


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 36.897 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.01 min

Lab File: BF112816.D

Acq: 4 Mar 2019 11:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

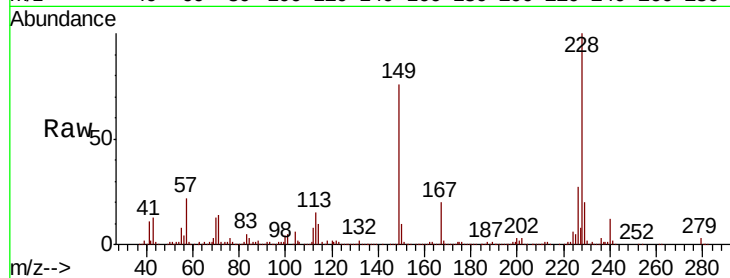
Tgt Ion:228 Resp: 1192974

Ion Ratio Lower Upper

228 100

226 27.2 22.2 33.4

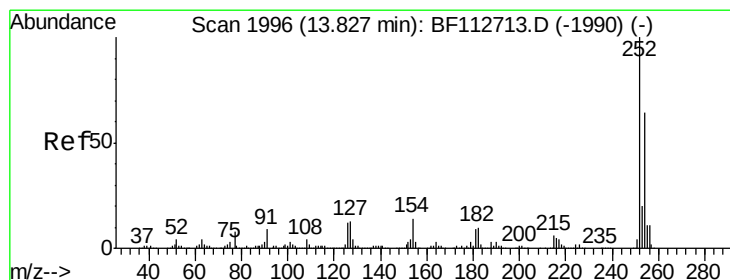
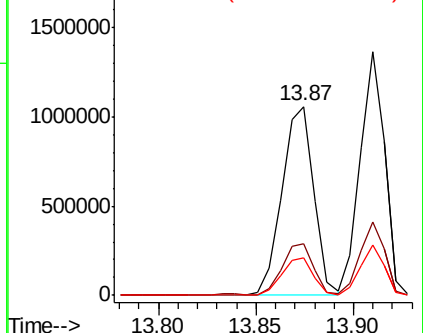
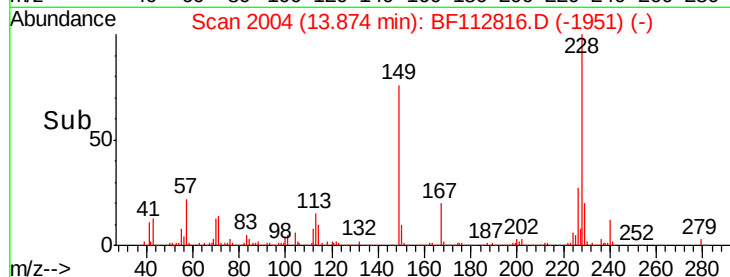
229 20.1 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 40.134 ng

RT: 13.84 min Scan# 1998

Delta R.T. 0.01 min

Lab File: BF112816.D

Acq: 4 Mar 2019 11:32

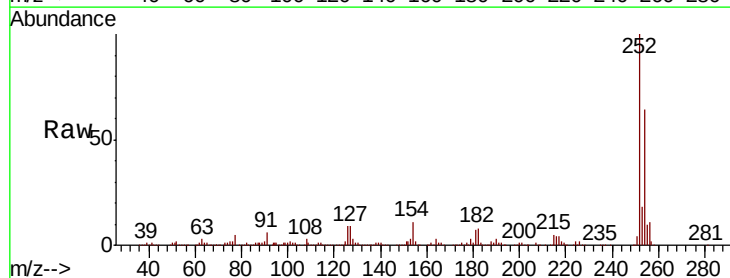
Tgt Ion:252 Resp: 490774

Ion Ratio Lower Upper

252 100

254 64.3 51.1 76.7

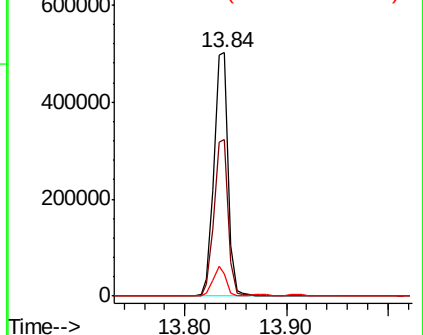
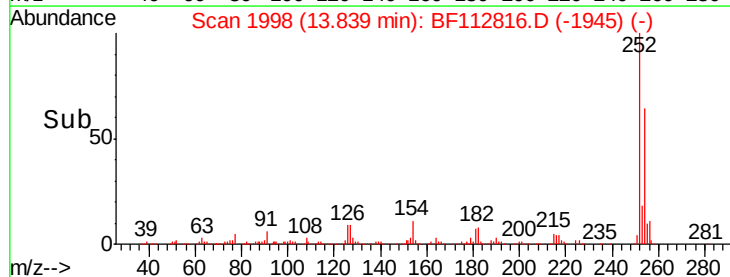
126 9.4 9.9 14.9#

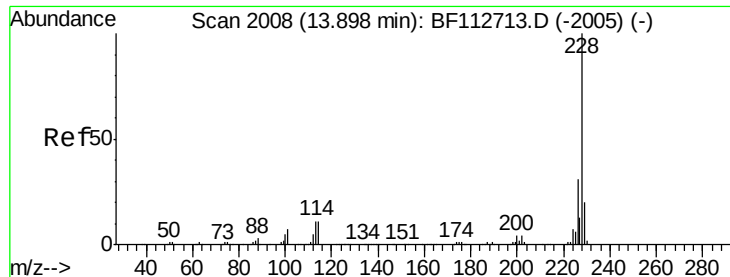


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 37.602 ng

RT: 13.91 min Scan# 2010

Delta R.T. 0.01 min

Lab File: BF112816.D

Acq: 4 Mar 2019 11:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

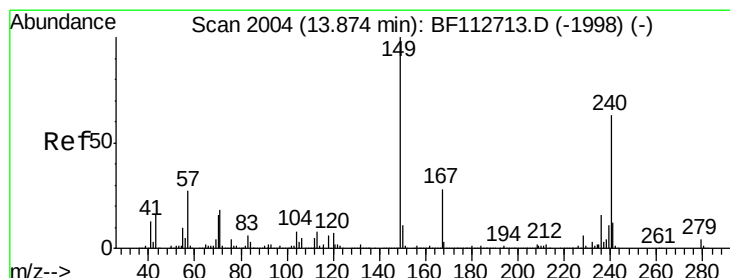
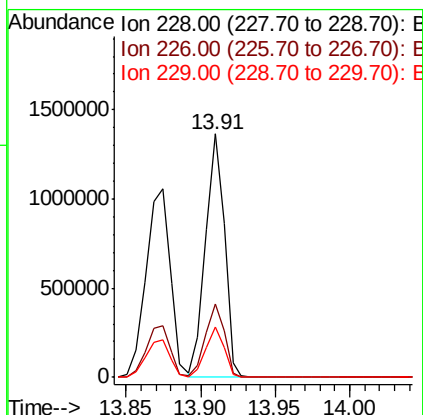
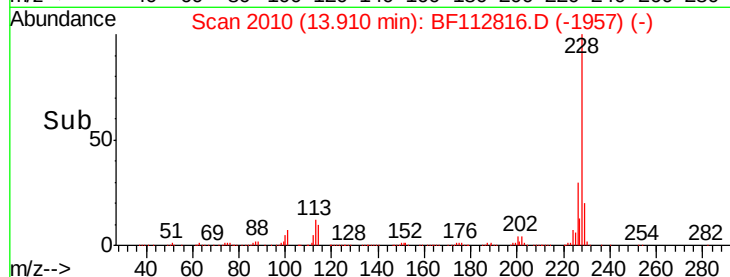
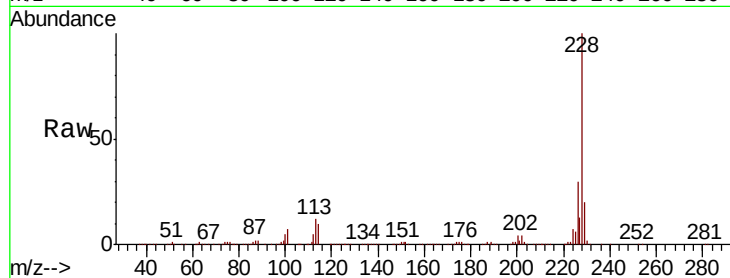
Tgt Ion:228 Resp: 1190878

Ion Ratio Lower Upper

228 100

226 30.3 24.9 37.3

229 20.4 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.539 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BF112816.D

Acq: 4 Mar 2019 11:32

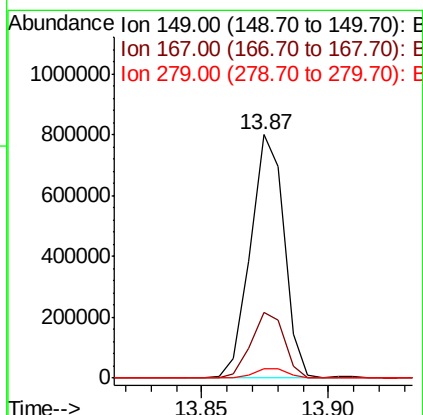
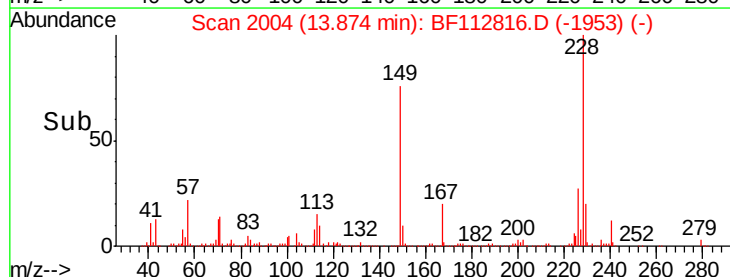
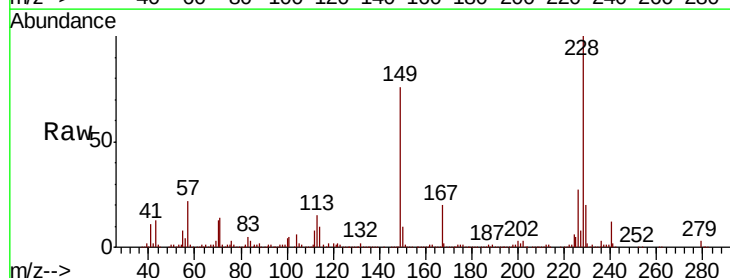
Tgt Ion:149 Resp: 744008

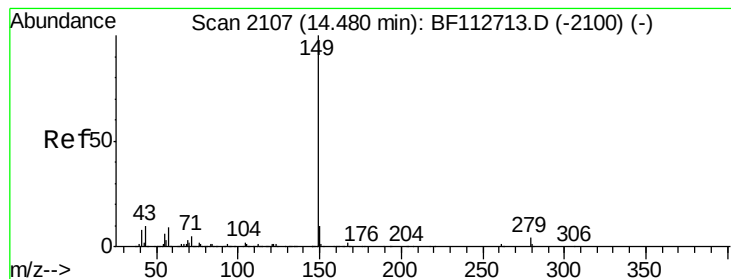
Ion Ratio Lower Upper

149 100

167 27.0 22.4 33.6

279 3.7 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 36.181 ng

RT: 14.49 min Scan# 2108

Delta R.T. 0.01 min

Lab File: BF112816.D

Acq: 4 Mar 2019 11:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

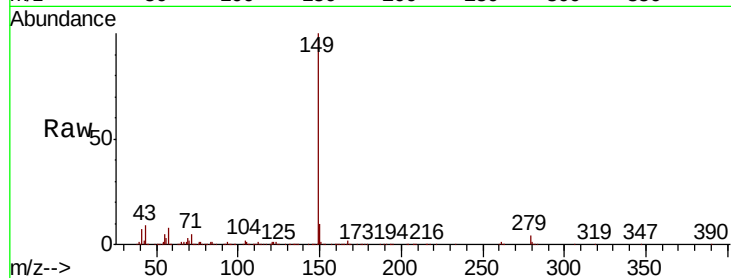
Tgt Ion:149 Resp: 1265055

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

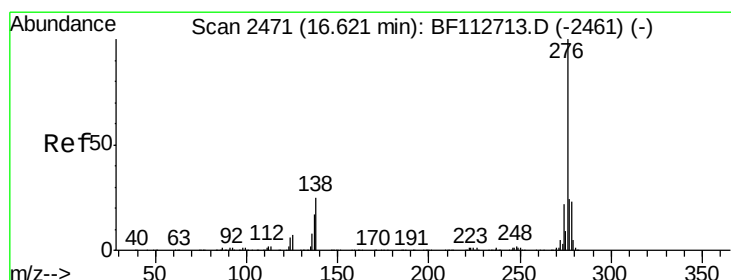
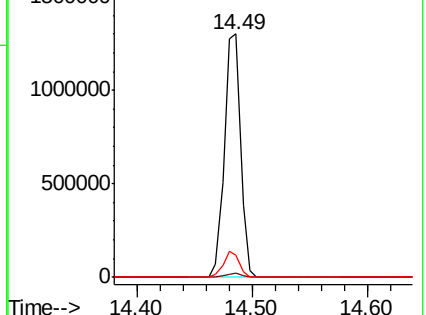
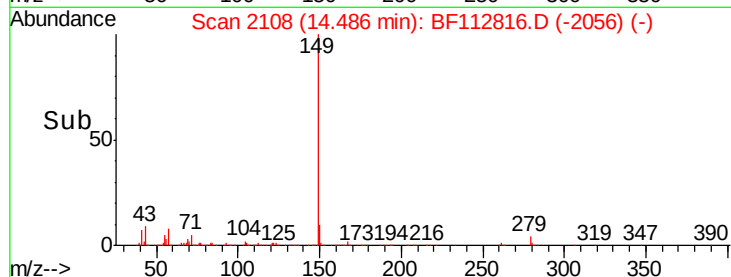
43 10.1 9.0 13.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.504 ng

RT: 16.66 min Scan# 2478

Delta R.T. 0.04 min

Lab File: BF112816.D

Acq: 4 Mar 2019 11:32

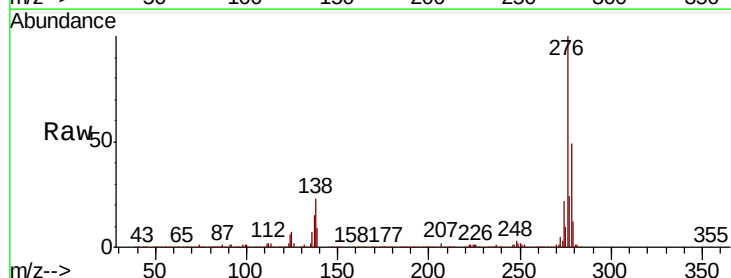
Tgt Ion:276 Resp: 1174621

Ion Ratio Lower Upper

276 100

138 24.2 23.2 34.8

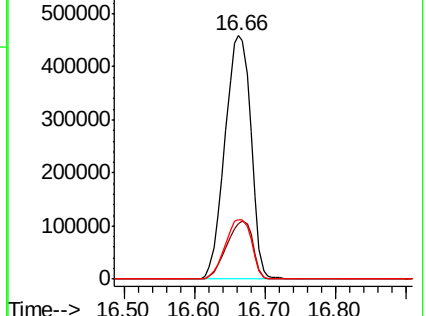
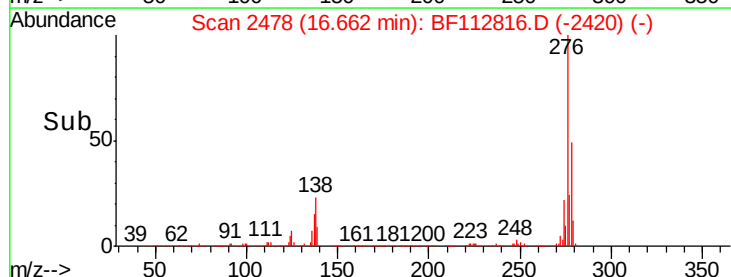
277 24.9 19.9 29.9

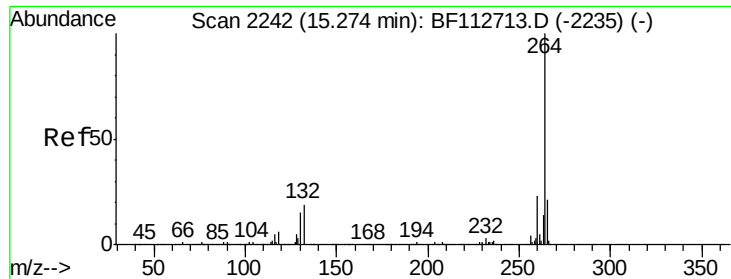


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.29 min Scan# 2245

Delta R.T. 0.02 min

Lab File: BF112816.D

Acq: 4 Mar 2019 11:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

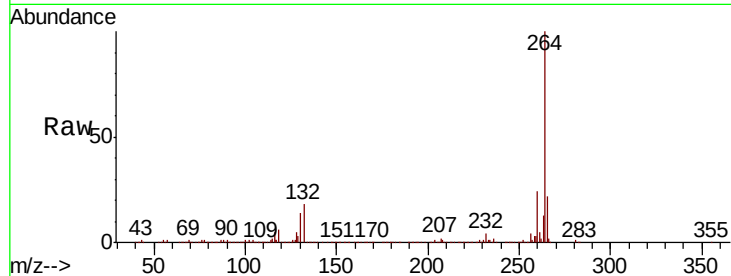
Tgt Ion:264 Resp: 420012

Ion Ratio Lower Upper

264 100

260 24.2 18.7 28.1

265 21.7 17.2 25.8

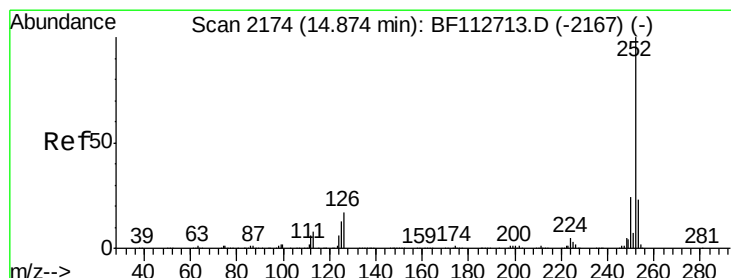
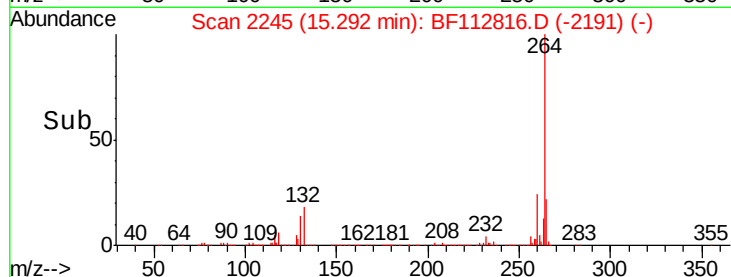
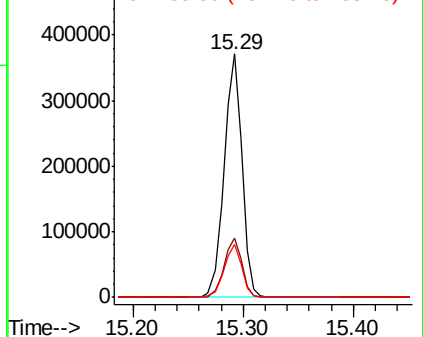


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 38.848 ng

RT: 14.89 min Scan# 2177

Delta R.T. 0.02 min

Lab File: BF112816.D

Acq: 4 Mar 2019 11:32

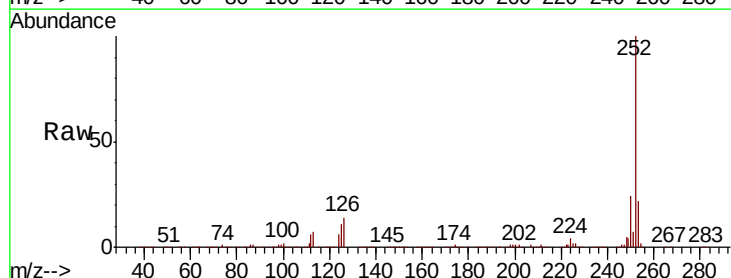
Tgt Ion:252 Resp: 1055403

Ion Ratio Lower Upper

252 100

253 21.9 18.0 27.0

125 10.7 10.2 15.2

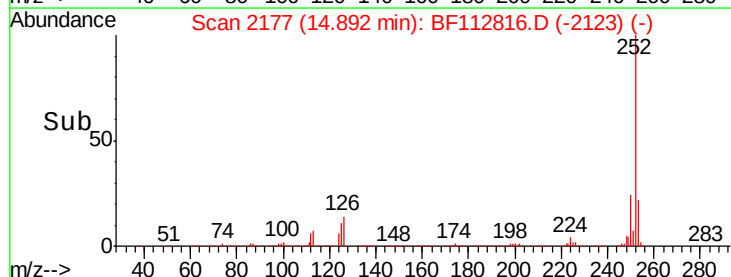
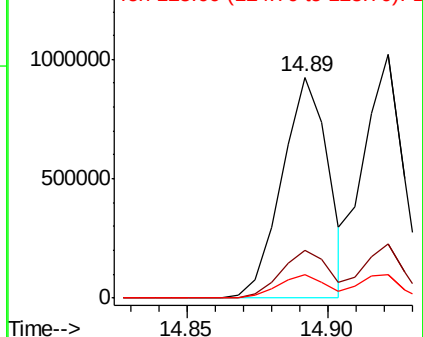


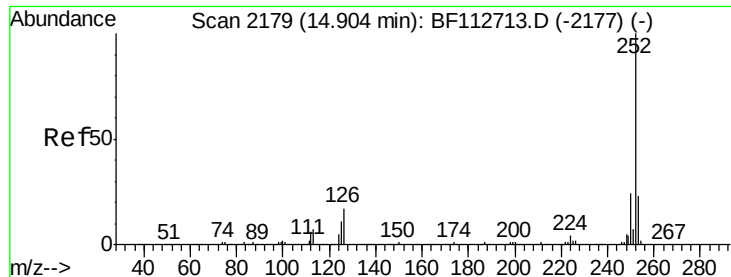
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

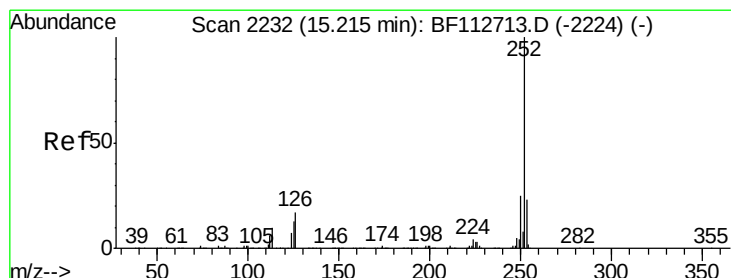
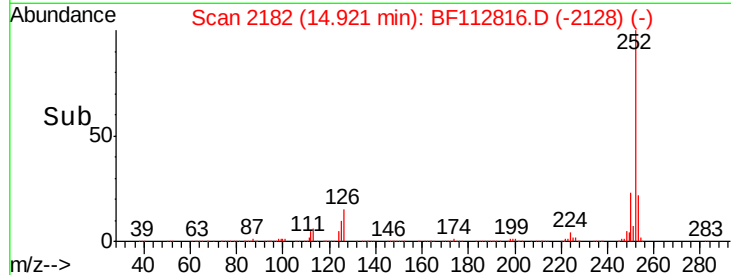
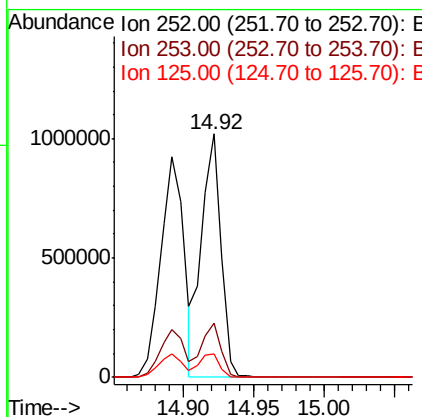
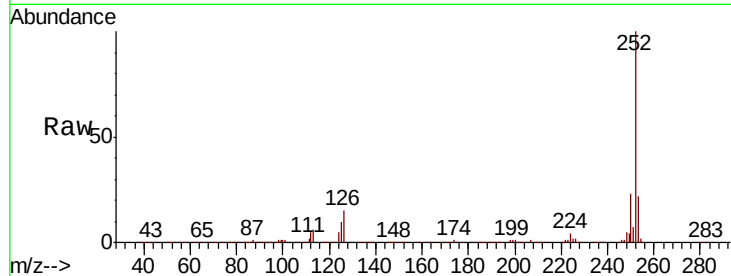




#89
Benzo(k)fluoranthene
Concen: 39.628 ng
RT: 14.92 min Scan# 2182
Delta R.T. 0.02 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

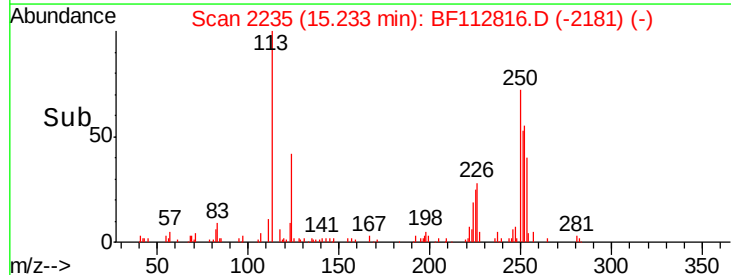
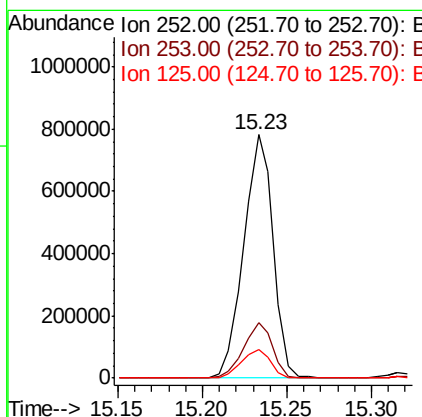
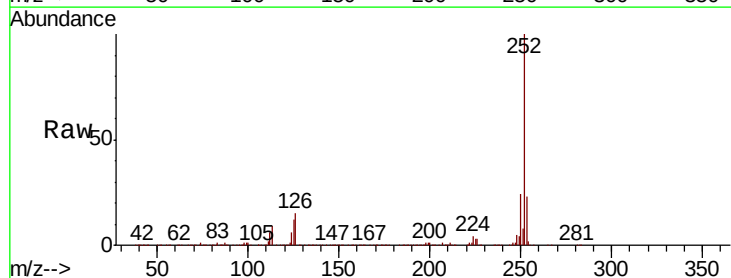
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

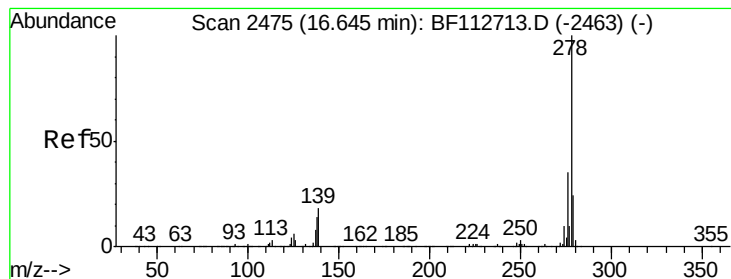
Tgt Ion:252 Resp: 975182
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.2
125 9.8 9.8 14.6



#90
Benzo(a)pyrene
Concen: 39.509 ng
RT: 15.23 min Scan# 2235
Delta R.T. 0.02 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Tgt Ion:252 Resp: 949407
Ion Ratio Lower Upper
252 100
253 22.6 18.0 27.0
125 11.7 10.7 16.1

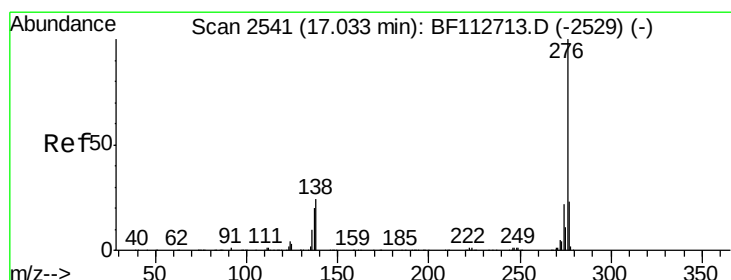
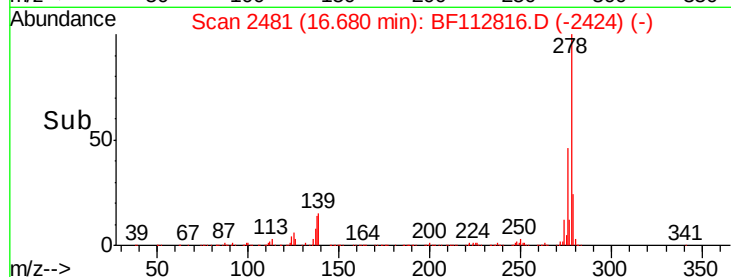
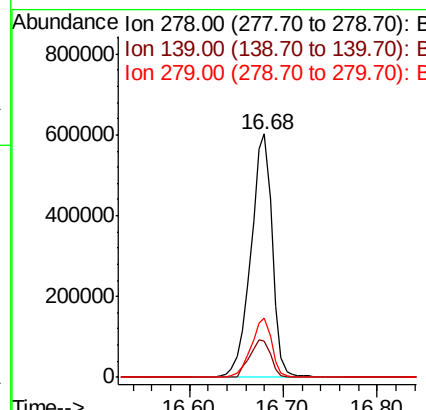
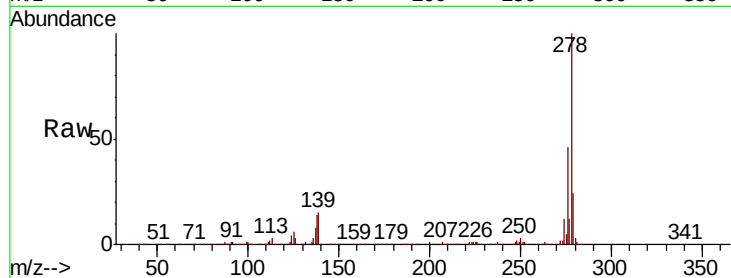




#91
Dibenzo(a,h)anthracene
Concen: 46.227 ng
RT: 16.68 min Scan# 2481
Delta R.T. 0.04 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.0	14.3	21.5
279	24.1	19.4	29.0



#92
Benzo(g,h,i)perylene
Concen: 47.751 ng
RT: 17.07 min Scan# 2548
Delta R.T. 0.04 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.6	27.8
138	21.2	19.4	29.0

