

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
 Data File : BF112999.D
 Acq On : 12 Mar 2019 13:27
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 13 03:53:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	239252	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	943059	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	450951	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	849992	20.00	ng	0.00
76) Chrysene-d12	13.87	240	478235	20.00	ng	0.00
87) Perylene-d12	15.27	264	445966	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	1083518	70.45	ng	0.00
7) Phenol-d6	6.37	99	1401134	72.52	ng	0.00
23) Nitrobenzene-d5	7.30	82	1304107	82.75	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	416294	86.96	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	2154824	77.30	ng	0.00
79) Terphenyl-d14	12.82	244	2086409	84.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.44	88	276815	35.904	ng	95
3) Pyridine	3.15	79	735178	35.642	ng	98
4) n-Nitrosodimethylamine	3.09	42	306364	33.954	ng	93
6) Aniline	6.40	93	918421	34.534	ng	98
8) 2-Chlorophenol	6.52	128	641180	37.449	ng	95
9) Benzaldehyde	6.28	77	492777	35.397	ng	99
10) Phenol	6.39	94	795013	35.262	ng	# 73
11) bis(2-Chloroethyl)ether	6.47	93	625306	36.134	ng	98
12) 1,3-Dichlorobenzene	6.67	146	680077	38.451	ng	97
13) 1,4-Dichlorobenzene	6.75	146	684503	38.591	ng	98
14) 1,2-Dichlorobenzene	6.90	146	627916	38.617	ng	99
15) Benzyl Alcohol	6.88	79	538019	36.519	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1012509	35.060	ng	97
17) 2-Methylphenol	7.00	107	523968	37.723	ng	99
18) Hexachloroethane	7.25	117	256458	37.745	ng	96
19) n-Nitroso-di-n-propylamine	7.16	70	429153	35.072	ng	97
20) 3+4-Methylphenols	7.15	107	581027	37.052	ng	91
22) Acetophenone	7.15	105	874002	39.635	ng	96
24) Nitrobenzene	7.32	77	691410	39.416	ng	99
25) Isophorone	7.56	82	1261181	37.145	ng	99
26) 2-Nitrophenol	7.63	139	366715	50.221	ng	99
27) 2,4-Dimethylphenol	7.67	122	518343	38.157	ng	99
28) bis(2-Chloroethoxy)methane	7.77	93	798135	37.598	ng	99
29) 2,4-Dichlorophenol	7.88	162	549642	41.723	ng	96
30) 1,2,4-Trichlorobenzene	7.96	180	583080	41.193	ng	99
31) Naphthalene	8.04	128	1795264	38.343	ng	99
32) Benzoic acid	7.81	122	325477	34.184	ng	93
33) 4-Chloroaniline	8.09	127	782554	39.461	ng	99
34) Hexachlorobutadiene	8.16	225	347310	43.507	ng	99
35) Caprolactam	8.47	113	178110	38.387	ng	95
36) 4-Chloro-3-methylphenol	8.57	107	562547	38.586	ng	97
37) 2-Methylnaphthalene	8.73	142	1181749	39.084	ng	100
38) 1-Methylnaphthalene	8.83	142	1127209	38.485	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	557455	42.391	ng	98

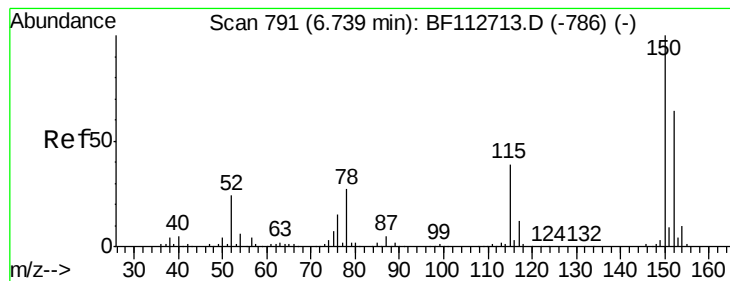
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
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 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	281518	39.094	ng	99
43) 2,4,6-Trichlorophenol	9.01	196	375851	41.529	ng	98
44) 2,4,5-Trichlorophenol	9.05	196	401185	41.011	ng	97
46) 1,1'-Biphenyl	9.19	154	1443792	39.253	ng	99
47) 2-Chloronaphthalene	9.22	162	1096186	38.167	ng	99
48) 2-Nitroaniline	9.31	65	366892	42.027	ng	98
49) Acenaphthylene	9.63	152	1797307	36.862	ng	99
50) Dimethylphthalate	9.50	163	1283990	38.615	ng	99
51) 2,6-Dinitrotoluene	9.55	165	296307	42.793	ng	88
52) Acenaphthene	9.80	154	1024487	35.930	ng	98
53) 3-Nitroaniline	9.72	138	339150	40.197	ng	96
54) 2,4-Dinitrophenol	9.83	184	134059	49.967	ng	100
55) Dibenzofuran	9.97	168	1529765	36.914	ng	96
56) 4-Nitrophenol	9.89	139	266434	38.855	ng	90
57) 2,4-Dinitrotoluene	9.96	165	379957	44.145	ng	# 85
58) Fluorene	10.32	166	1107390	37.650	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.09	232	346769	42.548	ng	93
60) Diethylphthalate	10.19	149	1240675	35.329	ng	98
61) 4-Chlorophenyl-phenylether	10.30	204	547892	40.036	ng	95
62) 4-Nitroaniline	10.33	138	336941	43.217	ng	97
63) Azobenzene	10.46	77	1223563	34.016	ng	98
65) 4,6-Dinitro-2-methylphenol	10.36	198	167414	47.941	ng	85
66) n-Nitrosodiphenylamine	10.42	169	1033244	37.903	ng	99
67) 4-Bromophenyl-phenylether	10.79	248	375498	41.941	ng	95
68) Hexachlorobenzene	10.86	284	427975	42.406	ng	# 92
69) Atrazine	10.95	200	325404	38.976	ng	99
70) Pentachlorophenol	11.06	266	261561	44.033	ng	99
71) Phenanthrene	11.27	178	1646962	38.944	ng	100
72) Anthracene	11.32	178	1677115	37.885	ng	100
73) Carbazole	11.47	167	1588992	36.795	ng	99
74) Di-n-butylphthalate	11.81	149	1893673	36.571	ng	99
75) Fluoranthene	12.45	202	1664286	36.732	ng	98
77) Benzidine	12.57	184	1005558	40.528	ng	99
78) Pyrene	12.67	202	1678332	41.629	ng	99
80) Butylbenzylphthalate	13.30	149	689967	38.771	ng	91
81) Benzo(a)anthracene	13.86	228	1119427	33.774	ng	99
82) 3,3'-Dichlorobenzidine	13.82	252	448061	35.743	ng	98
83) Chrysene	13.90	228	1174568	36.178	ng	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	758274	36.327	ng	99
85) Di-n-octyl phthalate	14.46	149	1237153	34.516	ng	96
86) Indeno(1,2,3-cd)pyrene	16.64	276	1210269	43.726	ng	95
88) Benzo(b)fluoranthene	14.87	252	1003784	34.798	ng	98
89) Benzo(k)fluoranthene	14.90	252	980847	37.539	ng	97
90) Benzo(a)pyrene	15.22	252	954297	37.401	ng	98
91) Dibenzo(a,h)anthracene	16.65	278	1000489	45.952	ng	98
92) Benzo(g,h,i)perylene	17.04	276	1012340	46.305	ng	97

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

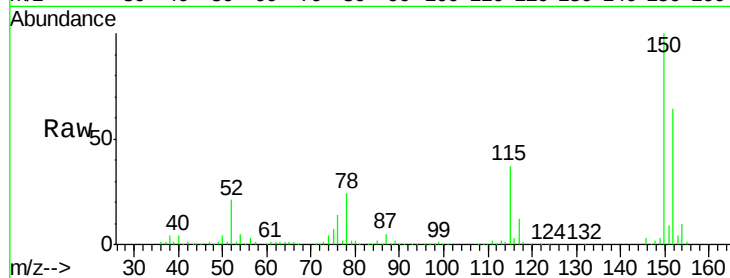


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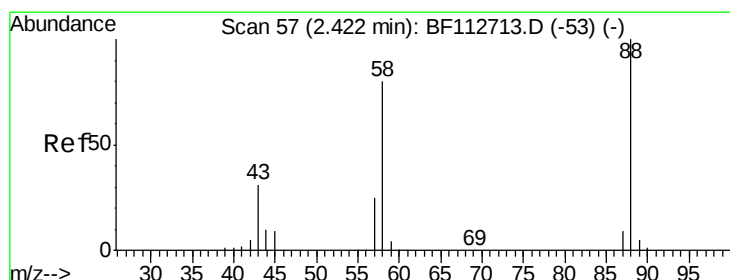
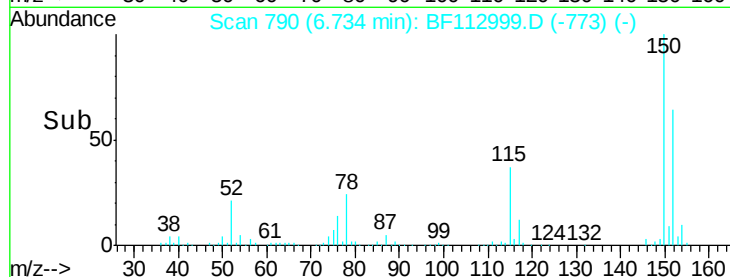
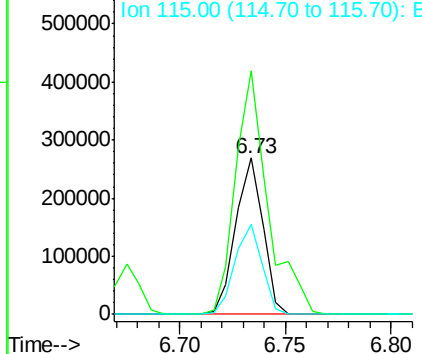
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BF112999.D
 Acq: 12 Mar 2019 13:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:152 Resp: 239252
 Ion Ratio Lower Upper
 152 100
 150 155.6 124.2 186.2
 115 57.7 48.2 72.4



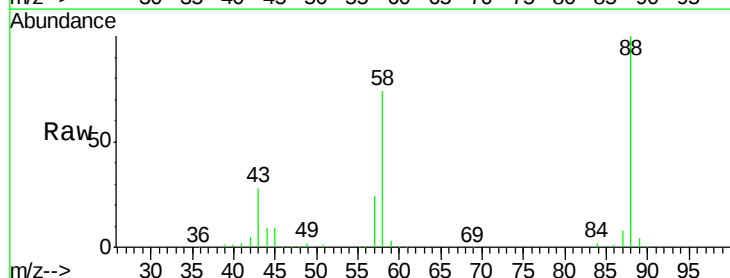
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



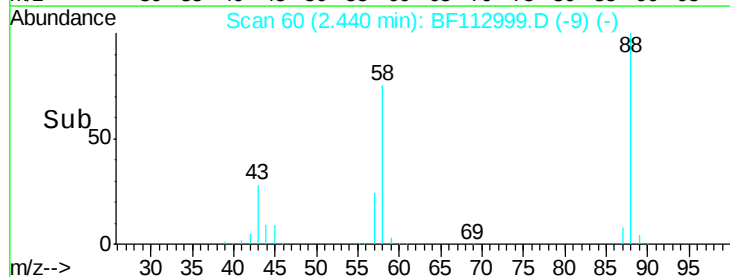
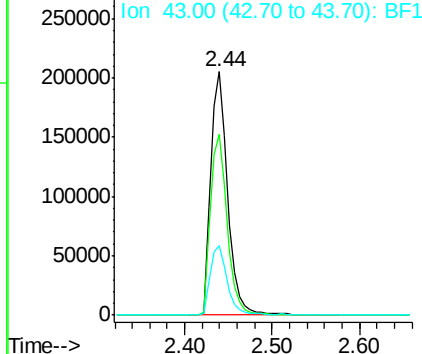
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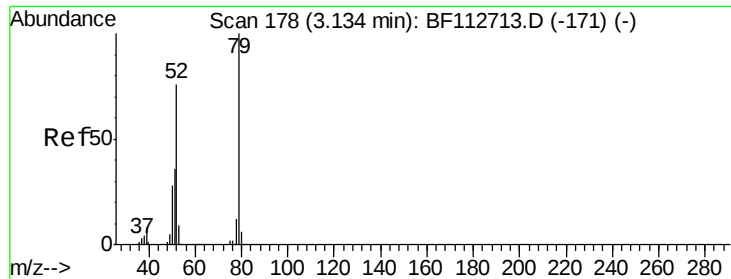
1,4-Dioxane
 Concen: 35.904 ng
 RT: 2.44 min Scan# 60
 Delta R.T. 0.00 min
 Lab File: BF112999.D
 Acq: 12 Mar 2019 13:27

Tgt Ion: 88 Resp: 276815
 Ion Ratio Lower Upper
 88 100
 58 73.8 63.1 94.7
 43 27.9 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

Pvridine

Concen: 35.642 ng

RT: 3.15 min Scan# 180

Delta R.T. 0.00 min

Lab File: BF112999.D

Acq: 12 Mar 2019 13:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

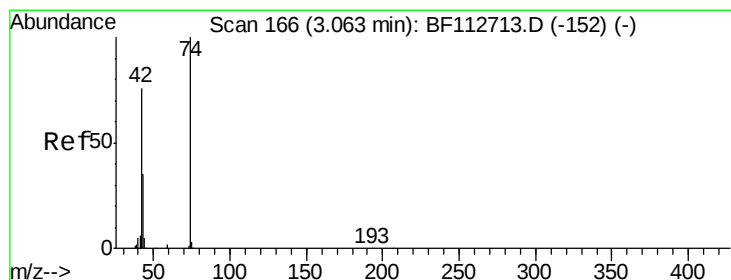
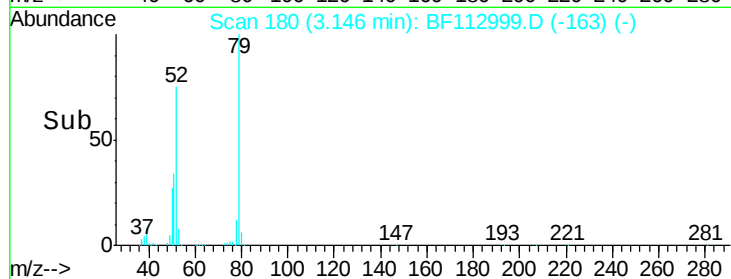
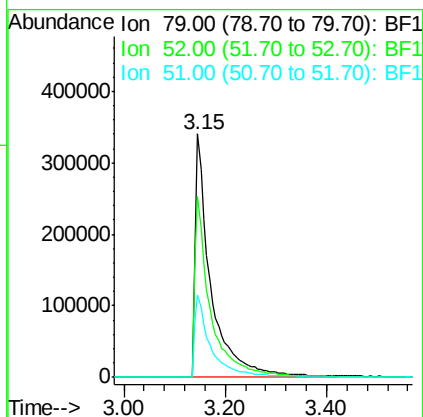
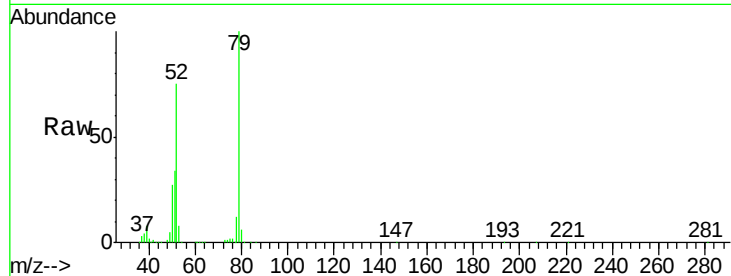
Tot Ion: 79 Resp: 735178

Ion Ratio Lower Upper

79 100

52 74.5 60.5 90.7

51 34.0 28.8 43.2



#4

n-Nitrosodimethylamine

Concen: 33.954 ng

RT: 3.09 min Scan# 170

Delta R.T. 0.00 min

Lab File: BF112999.D

Acq: 12 Mar 2019 13:27

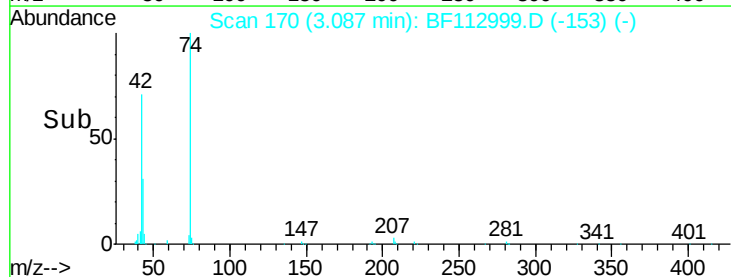
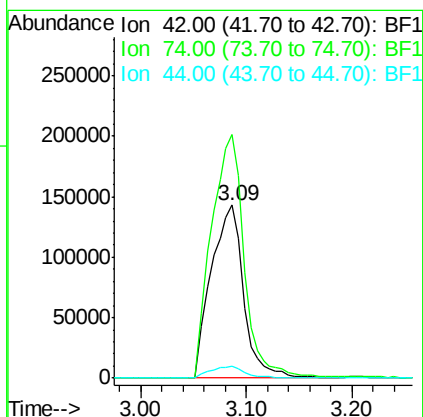
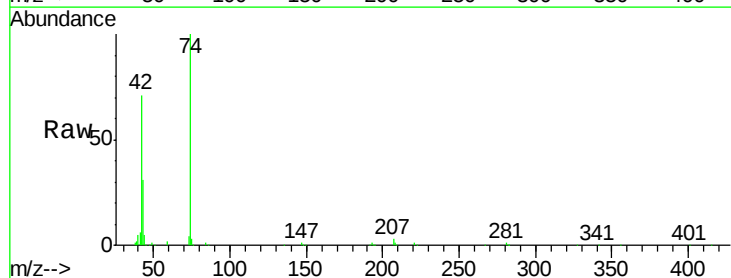
Tgt Ion: 42 Resp: 306364

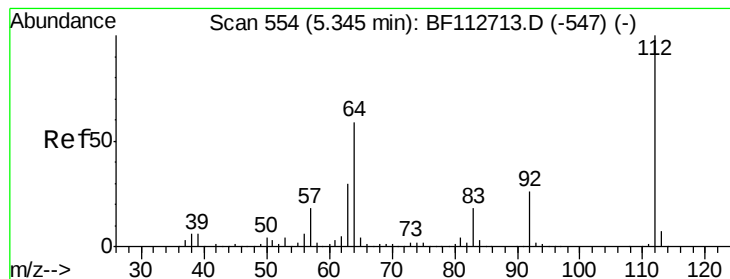
Ion Ratio Lower Upper

42 100

74 140.9 105.8 158.8

44 7.2 6.2 9.2





#5

2-Fluorophenol

Concen: 70.447 ng

RT: 5.35 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF112999.D

Acq: 12 Mar 2019 13:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

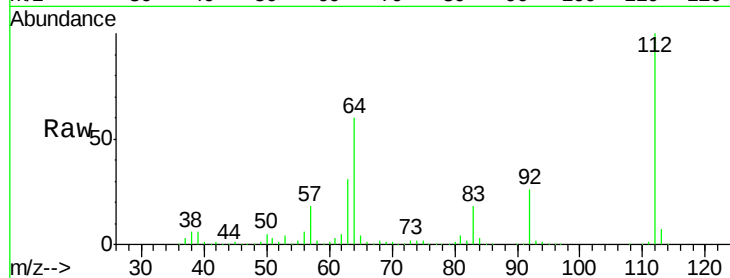
Tot Ion:112 Resp: 1083518

Ion Ratio Lower Upper

112 100

64 59.8 47.6 71.4

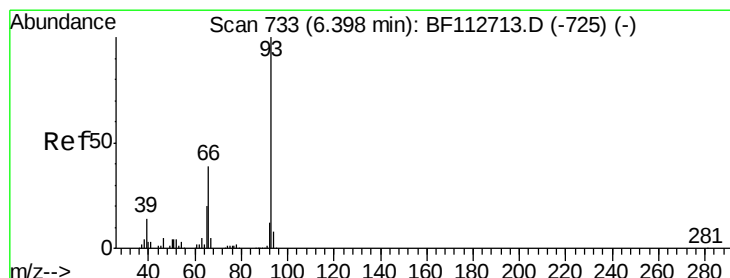
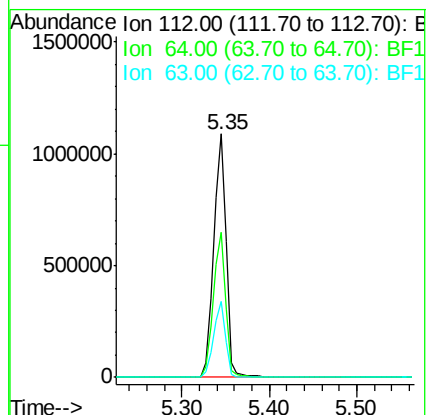
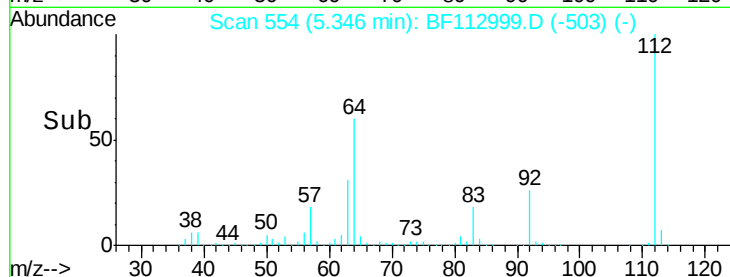
63 31.0 24.4 36.6



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 34.534 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF112999.D

Acq: 12 Mar 2019 13:27

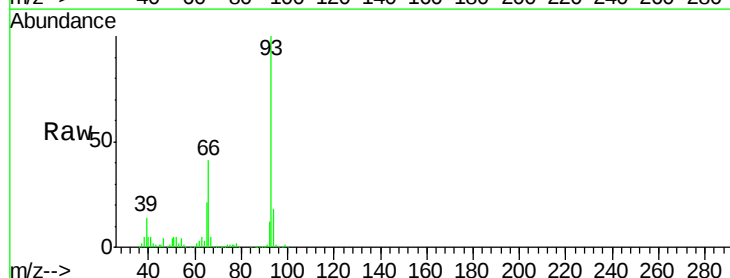
Tgt Ion: 93 Resp: 918421

Ion Ratio Lower Upper

93 100

66 41.2 32.2 48.2

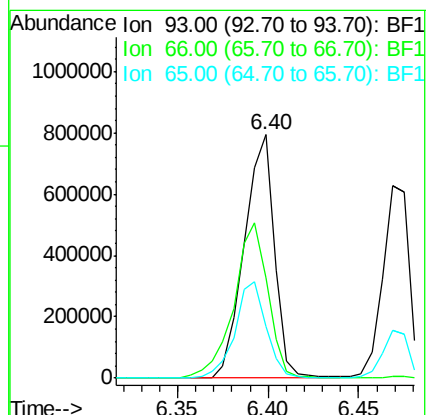
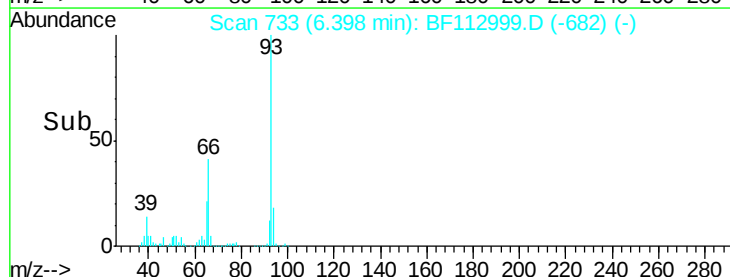
65 21.1 16.2 24.4

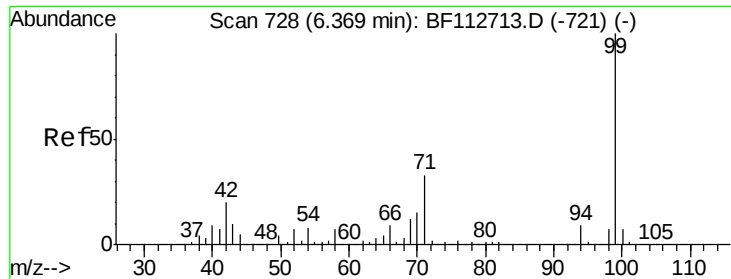


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 72.520 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF112999.D

Acq: 12 Mar 2019 13:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

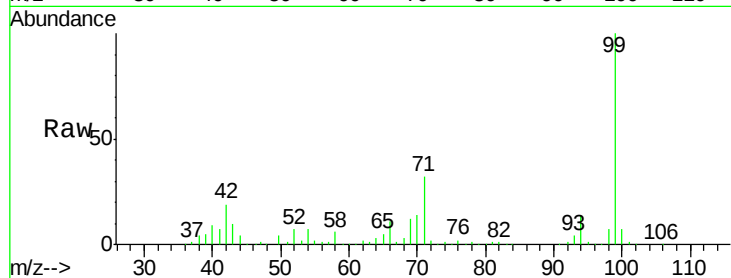
Tot Ion: 99 Resp: 1401134

Ion Ratio Lower Upper

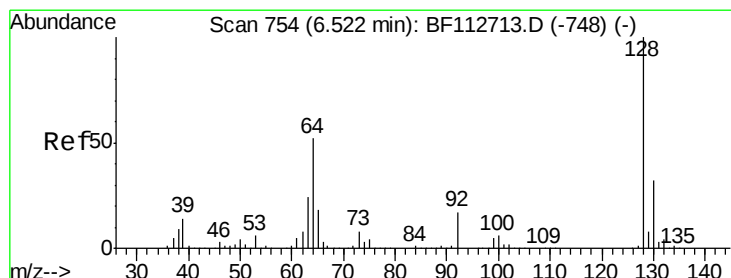
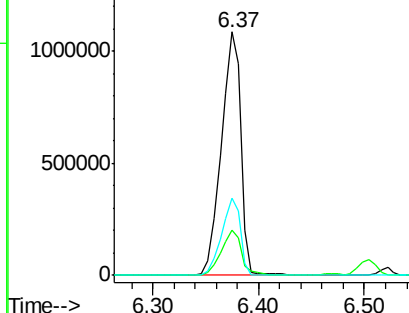
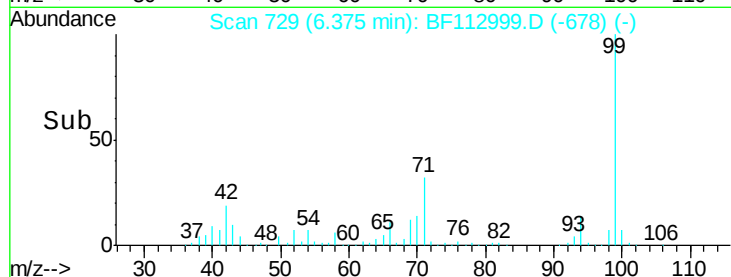
99 100

42 18.7 16.3 24.5

71 31.6 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: 37.449 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF112999.D

Acq: 12 Mar 2019 13:27

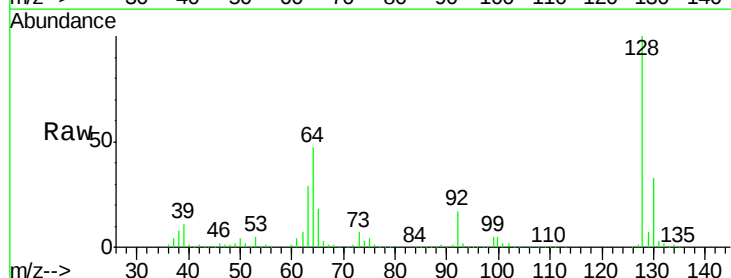
Tgt Ion: 128 Resp: 641180

Ion Ratio Lower Upper

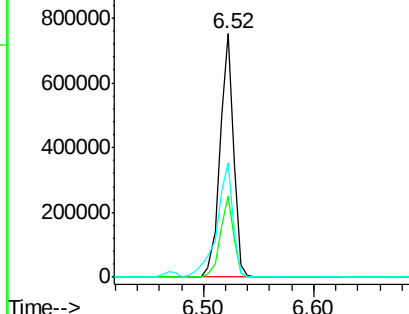
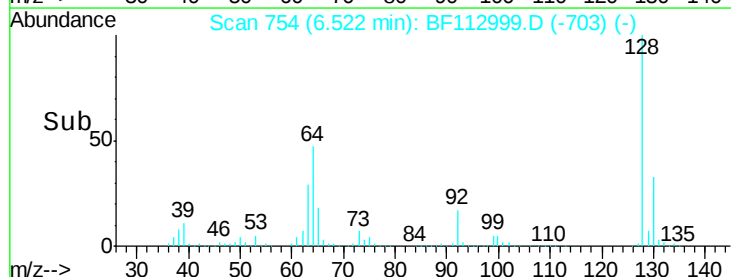
128 100

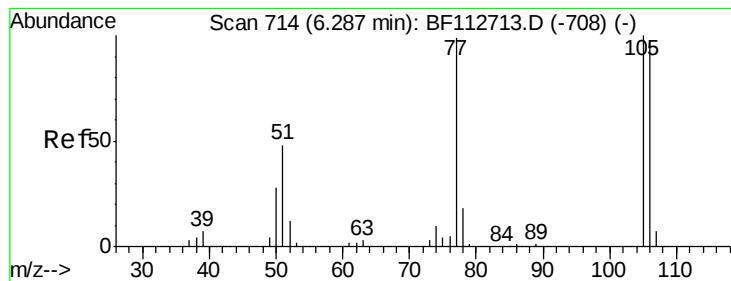
130 33.2 12.4 52.4

64 47.1 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: 35.397 ng

RT: 6.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF112999.D

Acq: 12 Mar 2019 13:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

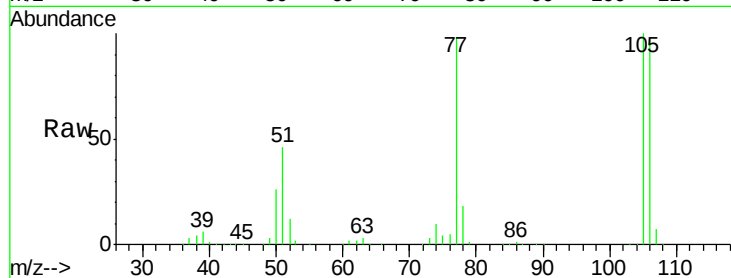
Tot Ion: 77 Resp: 492777

Ion Ratio Lower Upper

77 100

105 102.0 81.4 121.4

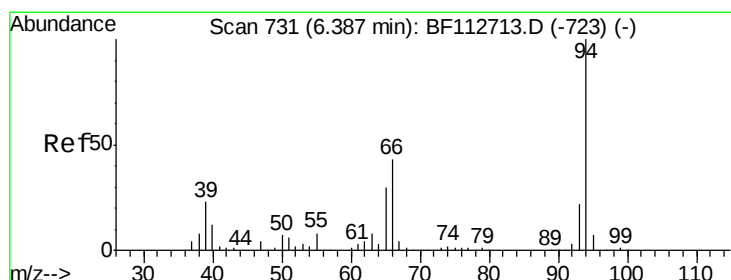
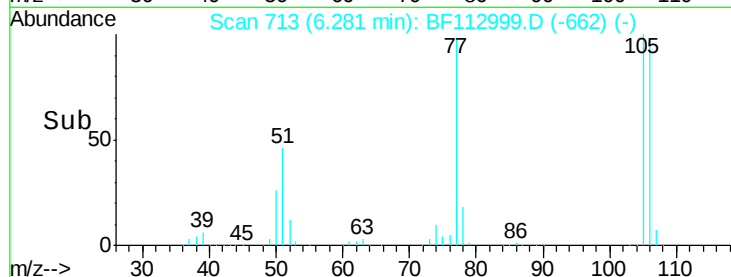
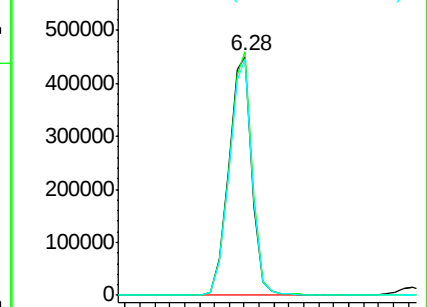
106 99.1 78.3 118.3



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: 35.262 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF112999.D

Acq: 12 Mar 2019 13:27

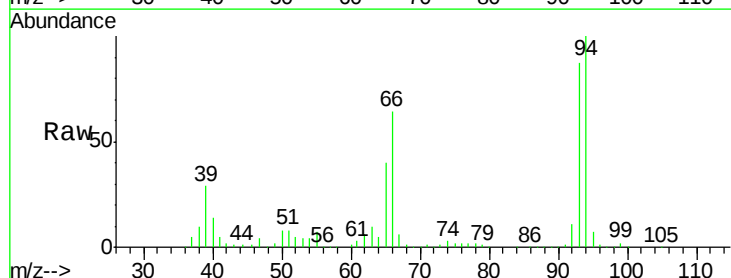
Tgt Ion: 94 Resp: 795013

Ion Ratio Lower Upper

94 100

65 40.2 10.5 50.5

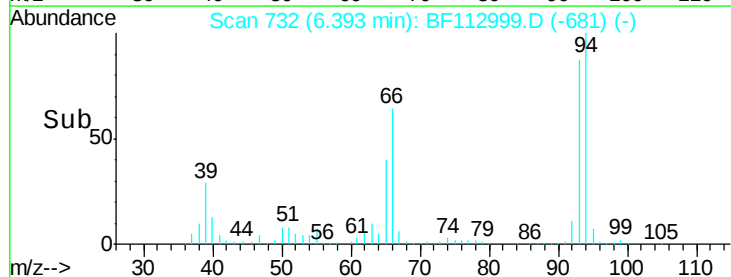
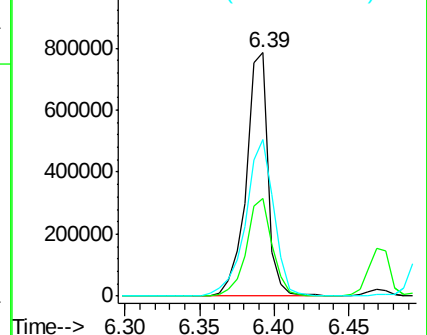
66 64.3 22.6 62.6#

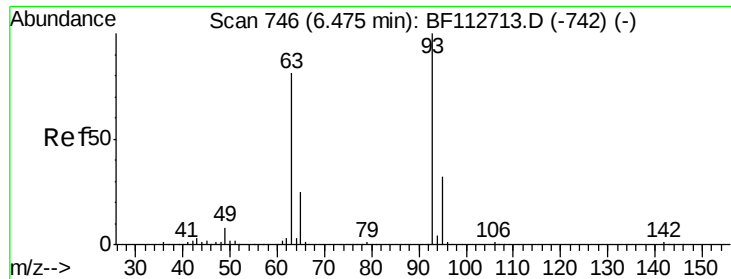


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

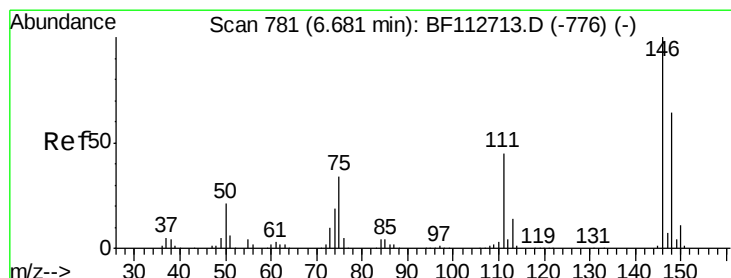
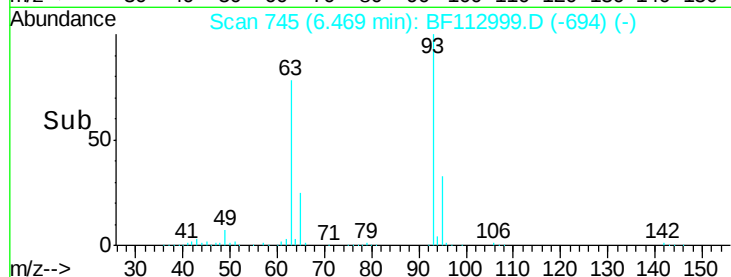
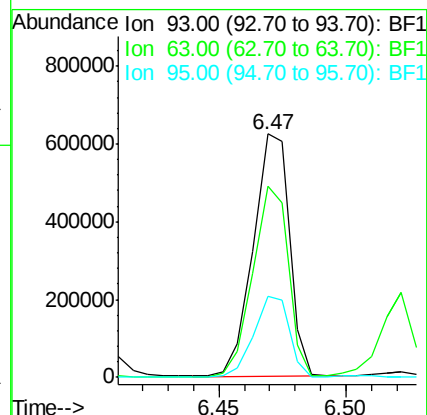
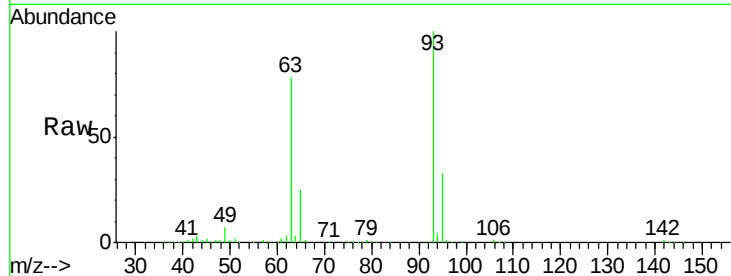




#11
bis(2-Chloroethyl)ether
Concen: 36.134 ng
RT: 6.47 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF112999.D
Acq: 12 Mar 2019 13:27

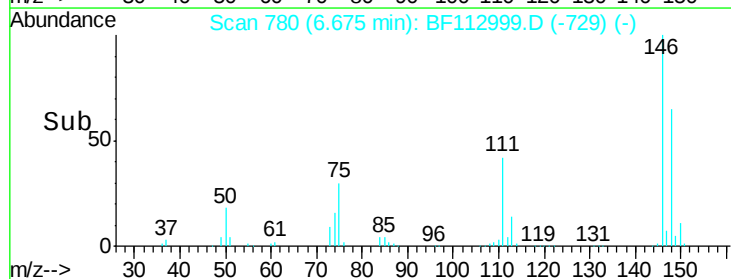
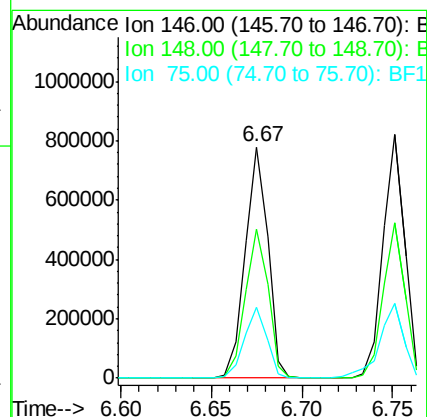
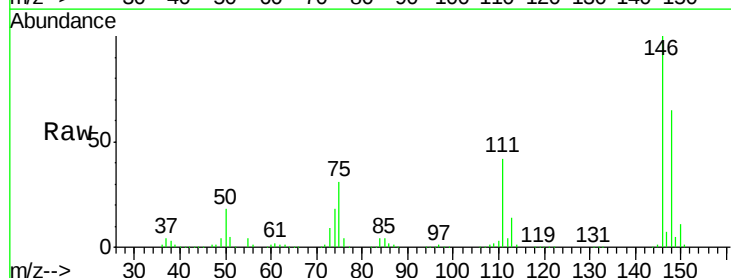
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

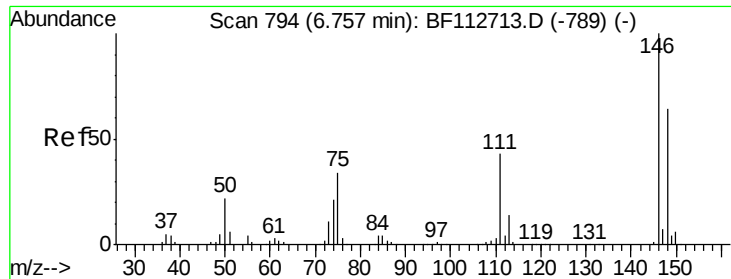
Tot Ion: 93 Resp: 625306
Ion Ratio Lower Upper
93 100
63 78.3 60.5 100.5
95 33.1 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 38.451 ng
RT: 6.67 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF112999.D
Acq: 12 Mar 2019 13:27

Tgt Ion: 146 Resp: 680077
Ion Ratio Lower Upper
146 100
148 64.6 50.9 76.3
75 30.7 26.9 40.3

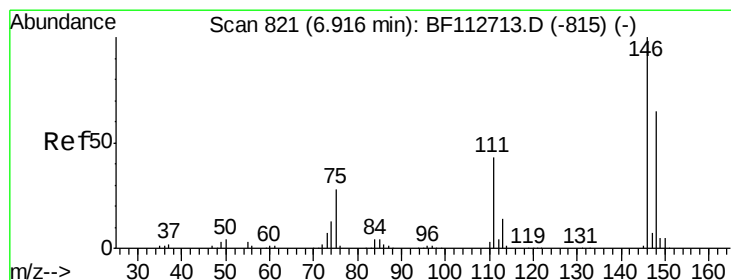
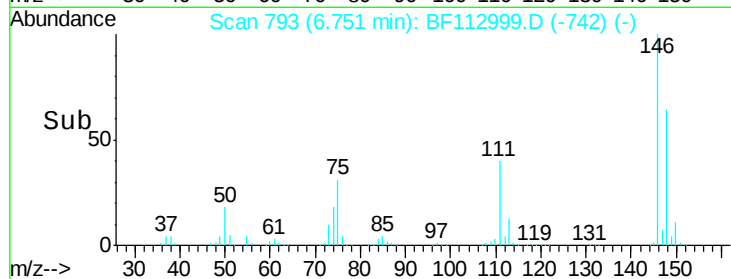
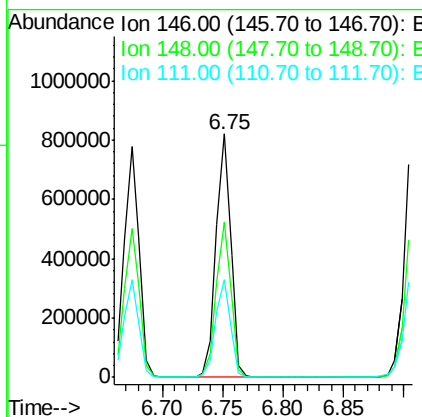
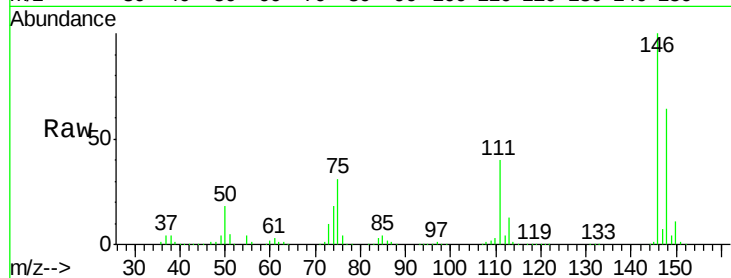




#13
 1,4-Dichlorobenzene
 Concen: 38.591 ng
 RT: 6.75 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BF112999.D
 Acq: 12 Mar 2019 13:27

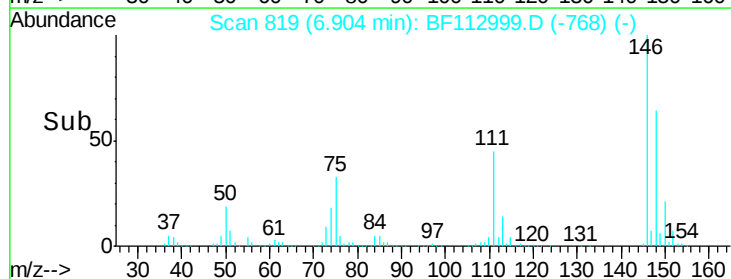
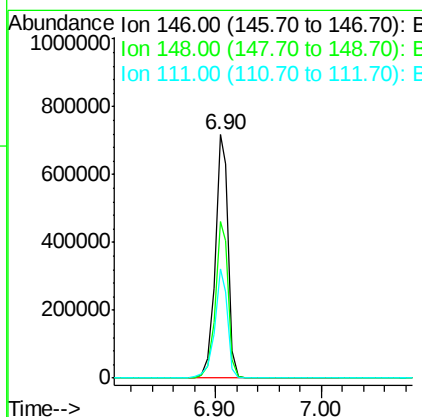
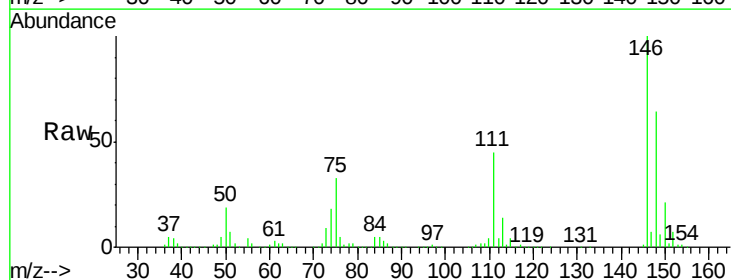
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

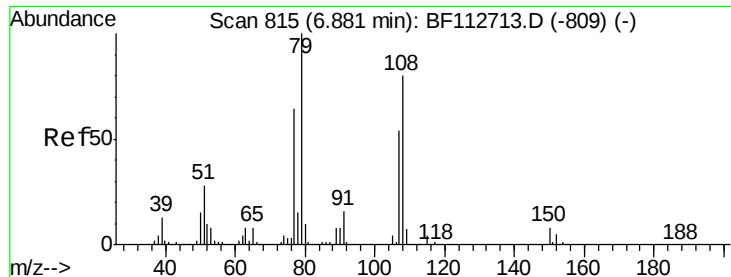
Tot Ion:146 Resp: 684503
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.0 76.4
 111 40.2 34.5 51.7



#14
 1,2-Dichlorobenzene
 Concen: 38.617 ng
 RT: 6.90 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF112999.D
 Acq: 12 Mar 2019 13:27

Tgt Ion:146 Resp: 627916
 Ion Ratio Lower Upper
 146 100
 148 64.4 52.0 78.0
 111 44.6 34.8 52.2





#15

Benzyl Alcohol

Concen: 36.519 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF112999.D

Acq: 12 Mar 2019 13:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

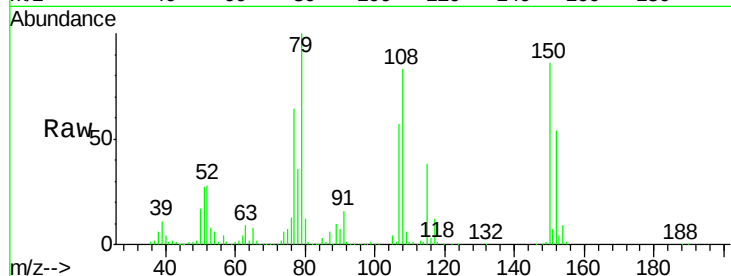
Tot Ion: 79 Resp: 538019

Ion Ratio Lower Upper

79 100

108 82.8 64.2 96.4

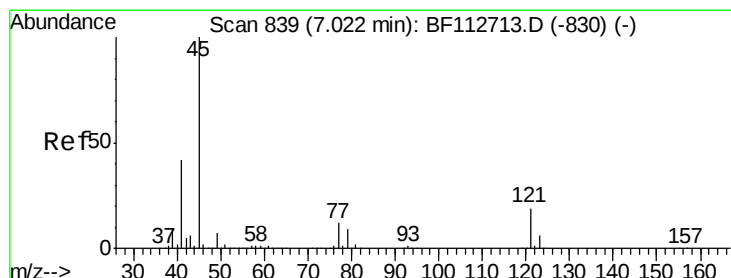
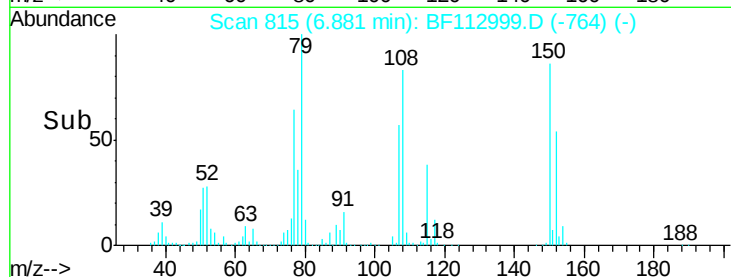
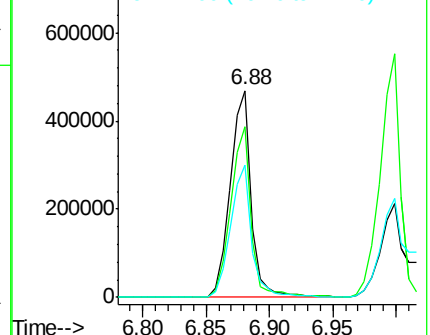
77 64.0 51.1 76.7



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.060 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF112999.D

Acq: 12 Mar 2019 13:27

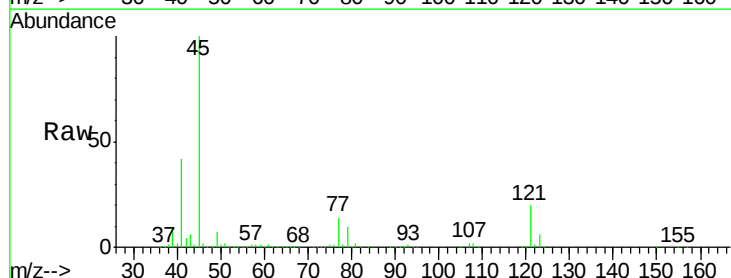
Tgt Ion: 45 Resp: 1012509

Ion Ratio Lower Upper

45 100

77 13.5 0.0 32.1

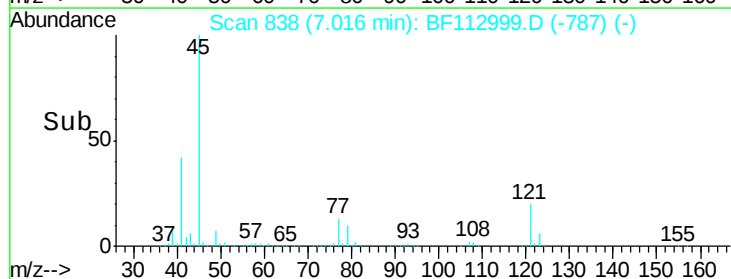
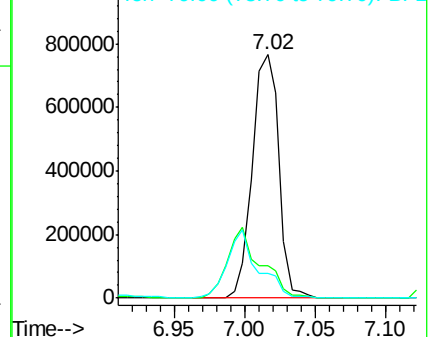
79 10.3 0.0 29.4

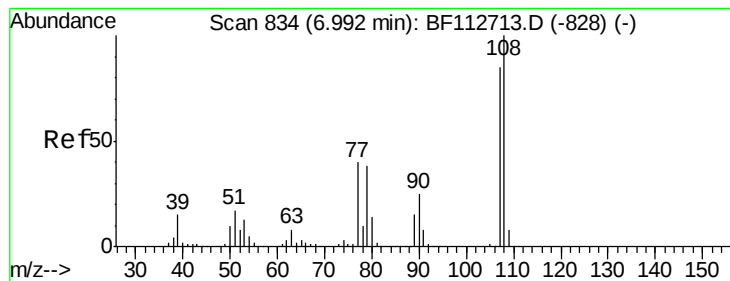


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

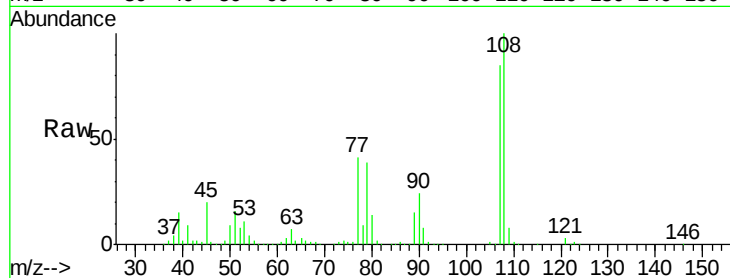




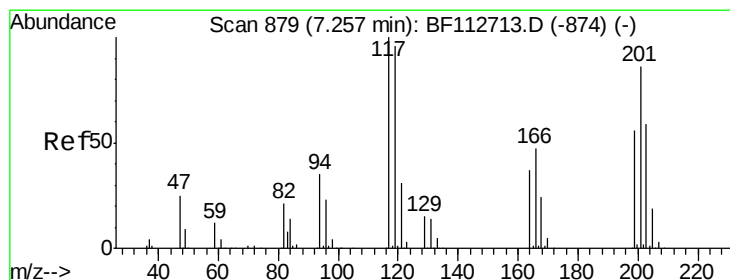
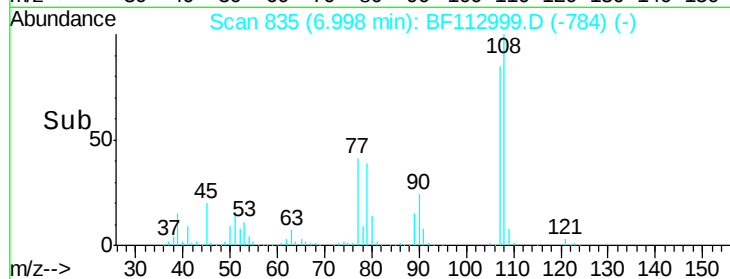
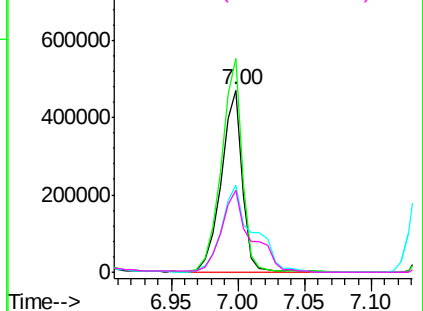
#17
2-Methylphenol
Concen: 37.723 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF112999.D
Acq: 12 Mar 2019 13:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:107 Resp: 523968
Ion Ratio Lower Upper
107 100
108 117.2 94.6 142.0
77 47.5 37.8 56.8
79 45.2 36.2 54.2

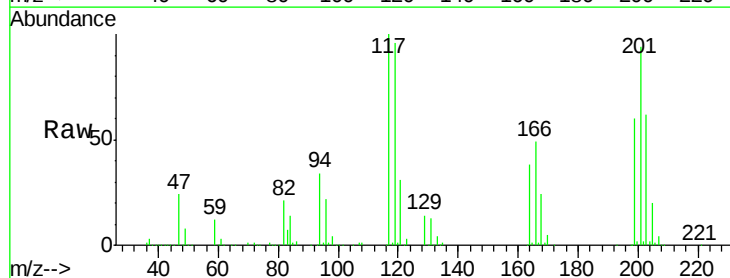


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

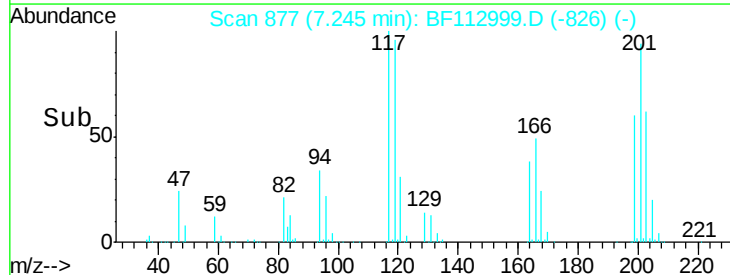
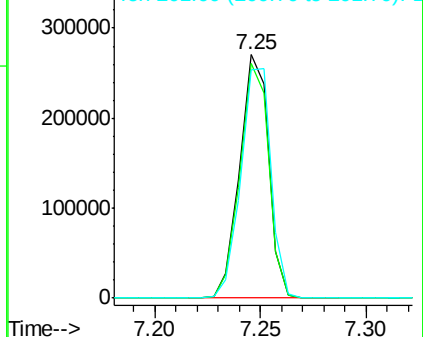


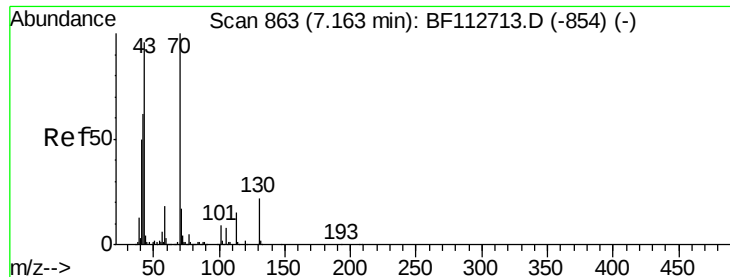
#18
Hexachloroethane
Concen: 37.745 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: BF112999.D
Acq: 12 Mar 2019 13:27

Tgt Ion:117 Resp: 256458
Ion Ratio Lower Upper
117 100
119 96.2 76.6 115.0
201 93.7 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

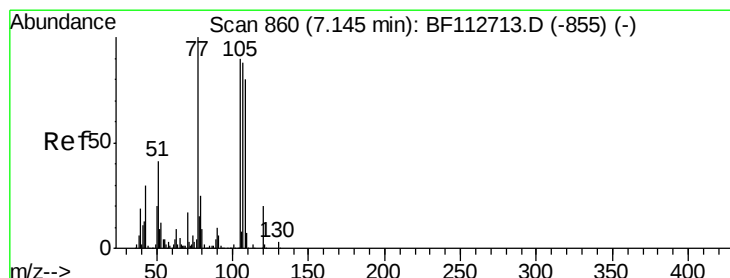
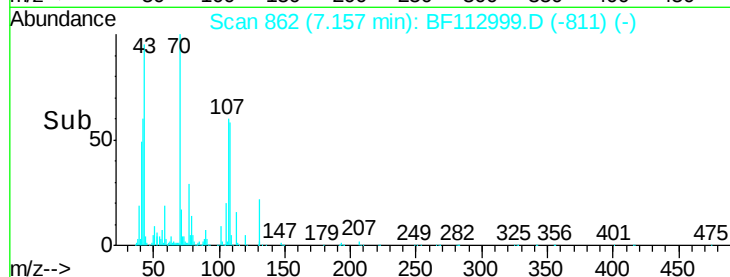
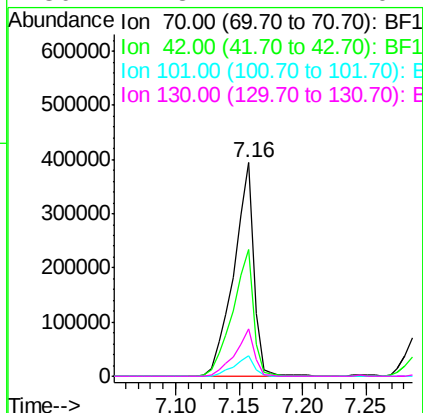
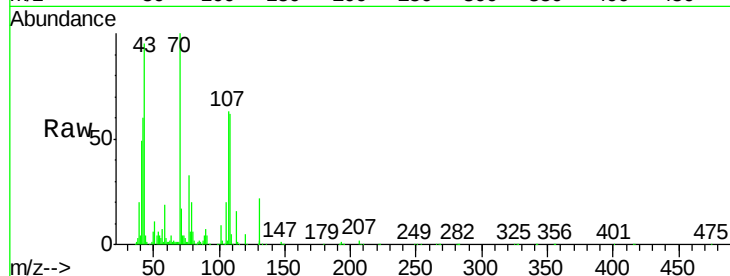




#19
n-Nitroso-di-n-propylamine
Concen: 35.072 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.00 min
Lab File: BF112999.D
Acq: 12 Mar 2019 13:27

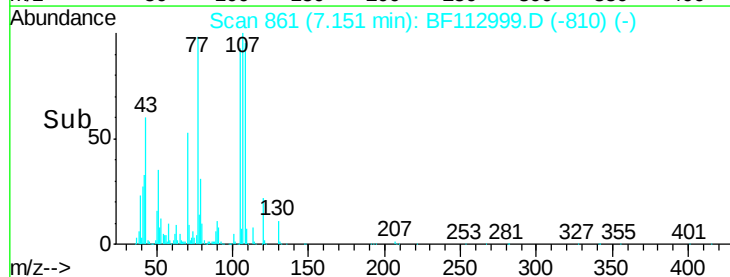
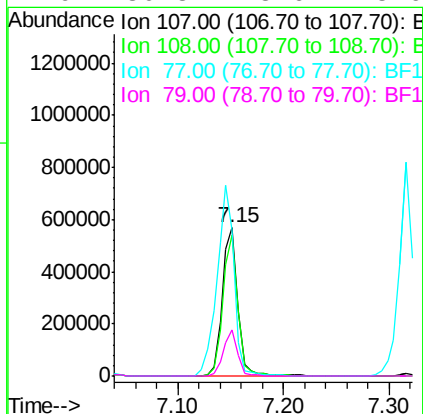
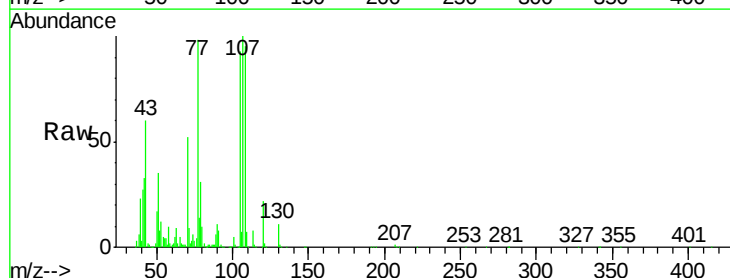
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

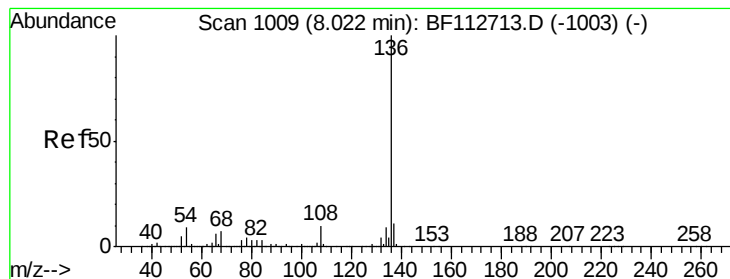
Tot Ion:	70	Resp:	429153
Ion	Ratio	Lower	Upper
70	100		
42	59.5	49.9	74.9
101	9.5	7.4	11.2
130	22.3	17.4	26.2



#20
3+4-Methylphenols
Concen: 37.052 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF112999.D
Acq: 12 Mar 2019 13:27

Tgt Ion:	107	Resp:	581027
Ion	Ratio	Lower	Upper
107	100		
108	94.8	71.4	111.4
77	97.9	94.1	134.1
79	30.8	8.6	48.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BF112999.D

Acq: 12 Mar 2019 13:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 943059

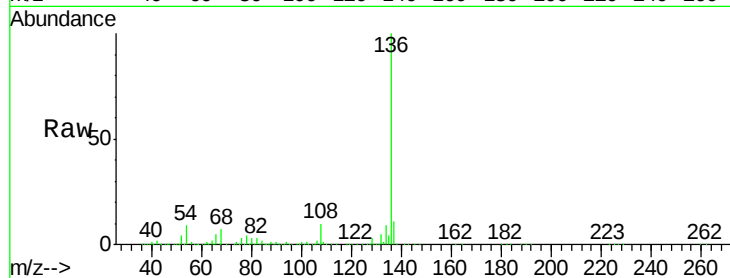
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 8.6 7.3 10.9

68 6.6 5.4 8.2

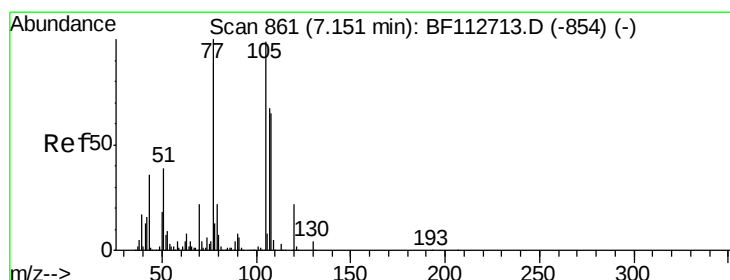
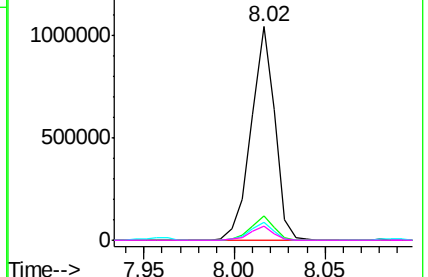
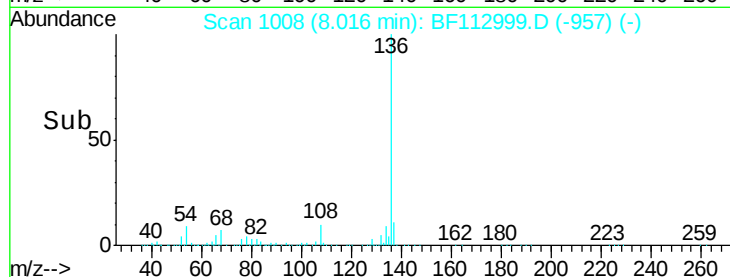


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.635 ng

RT: 7.15 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF112999.D

Acq: 12 Mar 2019 13:27

Tgt Ion:105 Resp: 874002

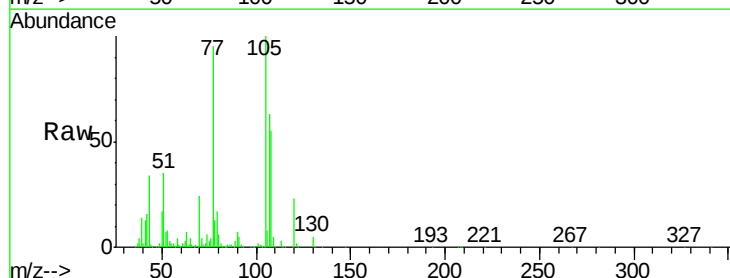
Ion Ratio Lower Upper

105 100

71 3.8 3.0 4.4

51 35.5 31.5 47.3

120 22.7 18.1 27.1

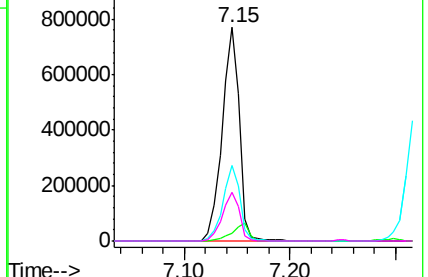
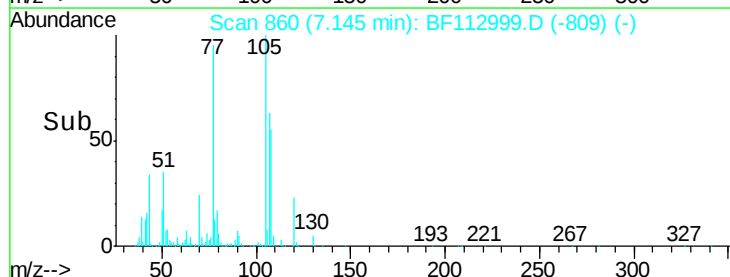


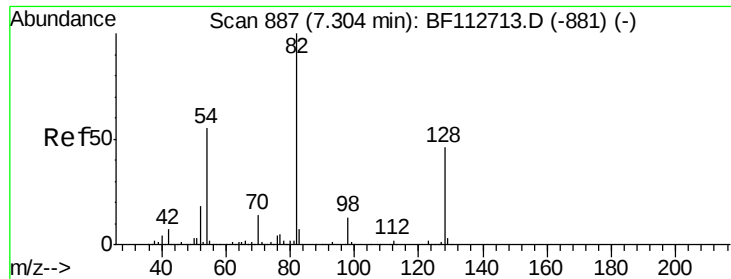
Abundance Ion 105.00 (104.70 to 105.70): E

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



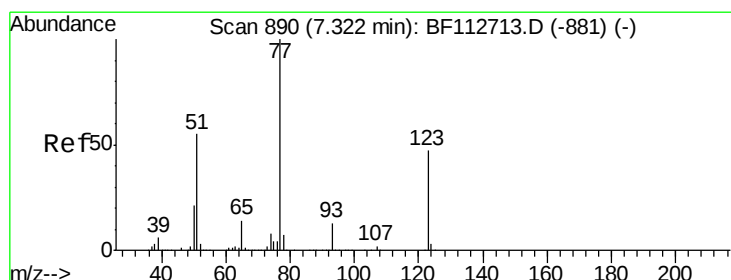
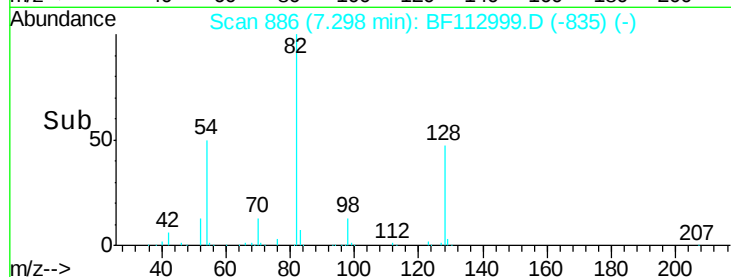
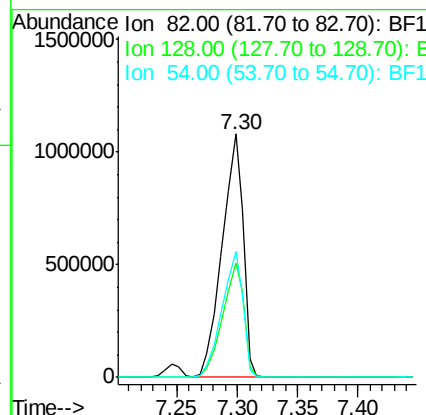
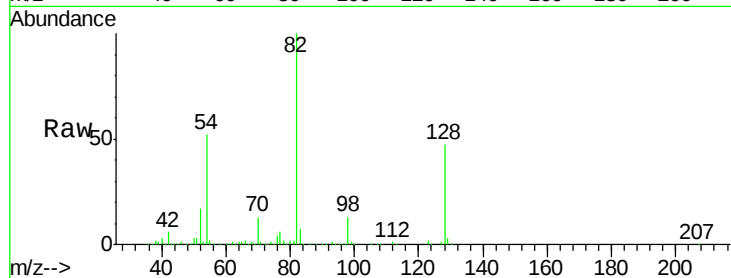


#23
 Nitrobenzene-d5
 Concen: 82.747 ng
 RT: 7.30 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: BF112999.D
 Acq: 12 Mar 2019 13:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 1304107

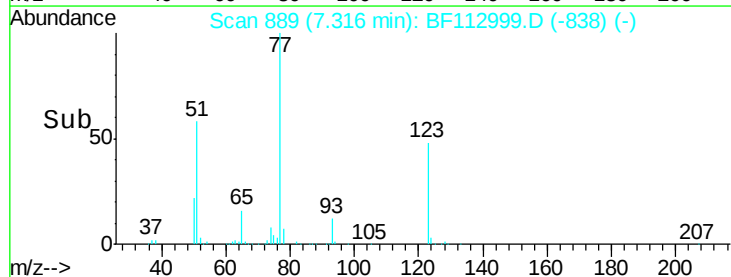
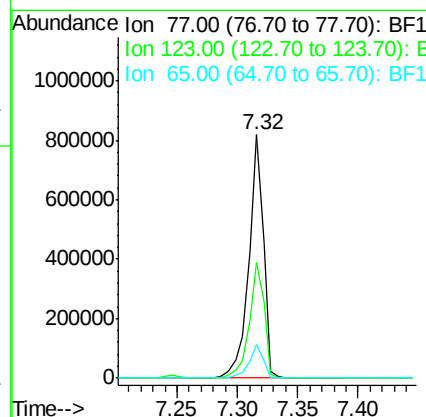
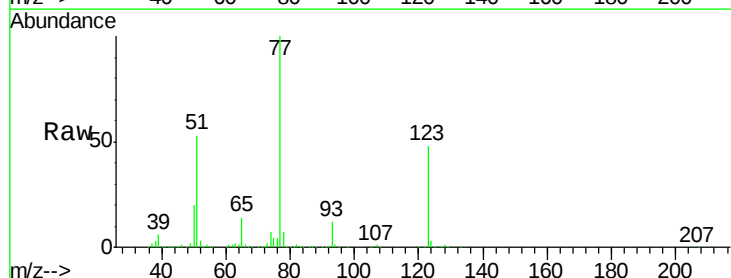
Ion	Ratio	Lower	Upper
82	100		
128	47.0	36.3	54.5
54	51.6	43.7	65.5

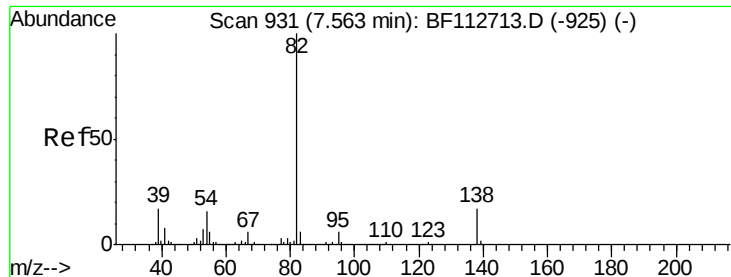


#24
 Nitrobenzene
 Concen: 39.416 ng
 RT: 7.32 min Scan# 889
 Delta R.T. 0.00 min
 Lab File: BF112999.D
 Acq: 12 Mar 2019 13:27

Tgt Ion: 77 Resp: 691410

Ion	Ratio	Lower	Upper
77	100		
123	47.7	37.8	56.6
65	13.9	11.1	16.7





#25

Isophorone

Concen: 37.145 ng

RT: 7.56 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF112999.D

Acq: 12 Mar 2019 13:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

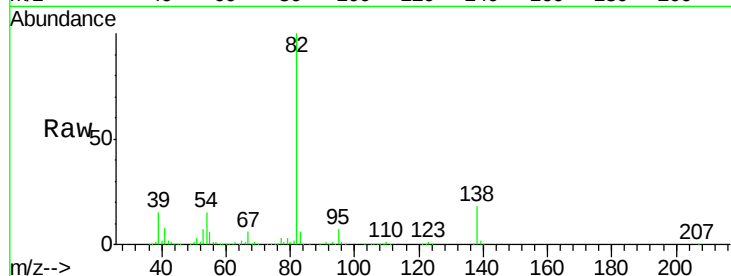
Tot Ion: 82 Resp: 1261181

Ion Ratio Lower Upper

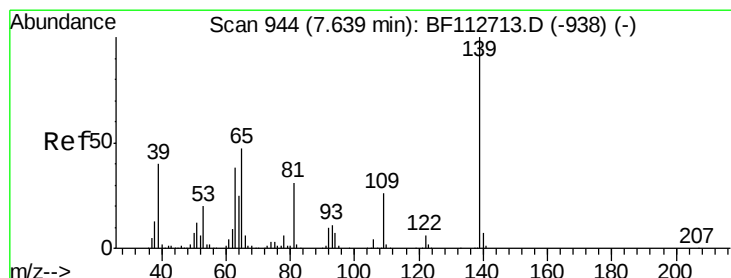
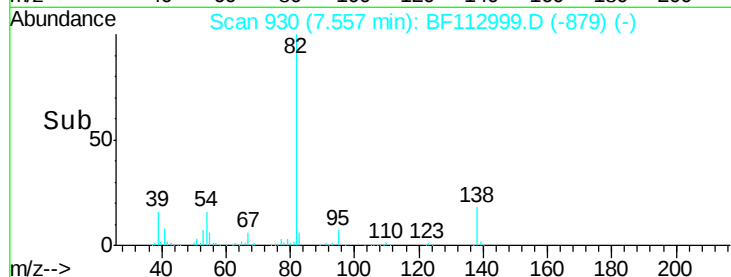
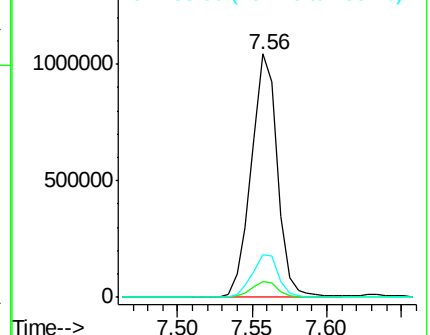
82 100

95 6.6 5.2 7.8

138 17.7 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: 50.221 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF112999.D

Acq: 12 Mar 2019 13:27

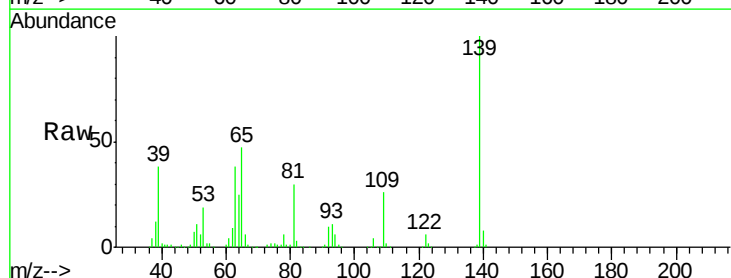
Tgt Ion: 139 Resp: 366715

Ion Ratio Lower Upper

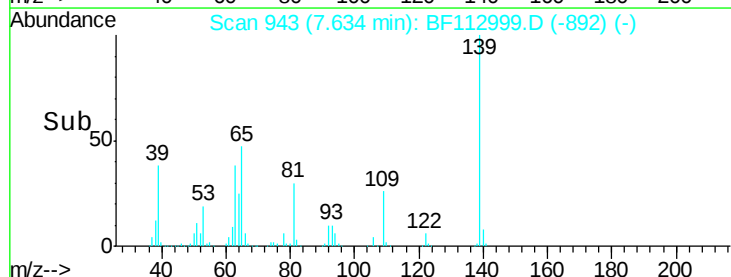
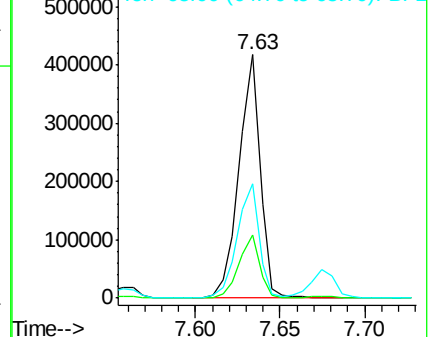
139 100

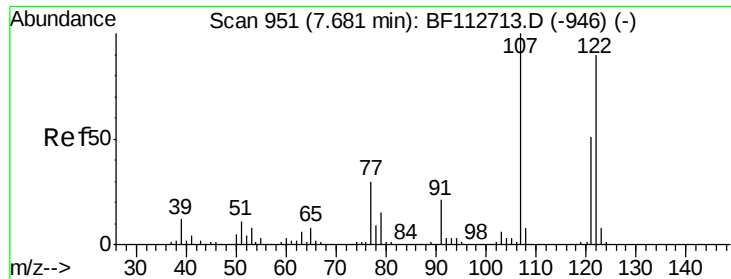
109 25.9 20.6 31.0

65 46.7 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

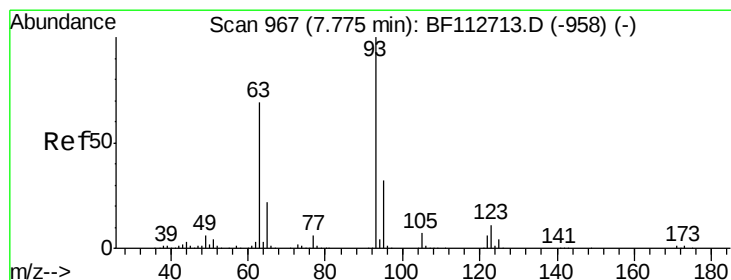
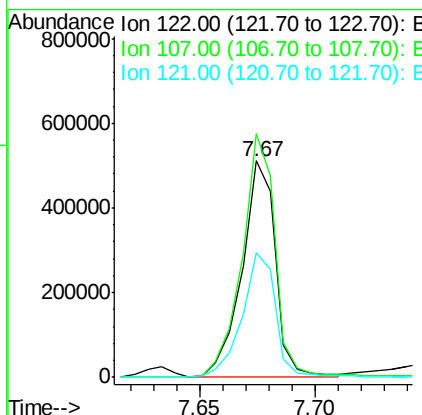
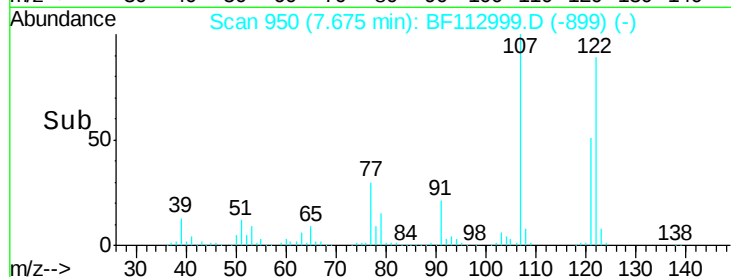
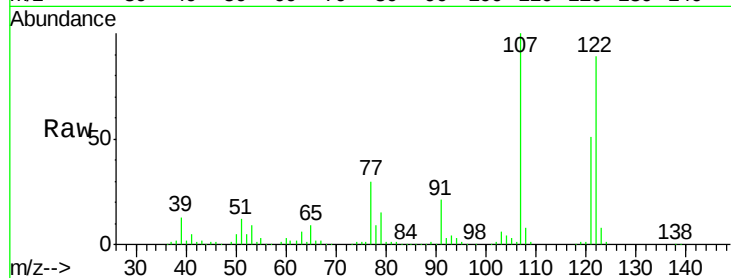




#27
 2,4-Dimethylphenol
 Concen: 38.157 ng
 RT: 7.67 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: BF112999.D
 Acq: 12 Mar 2019 13:27

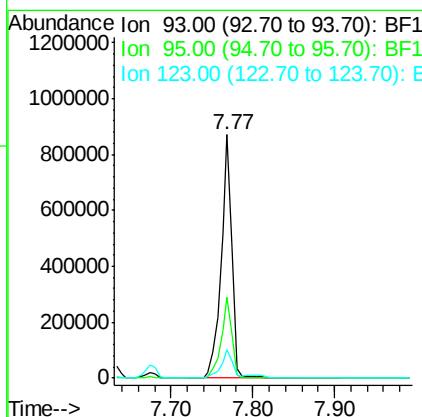
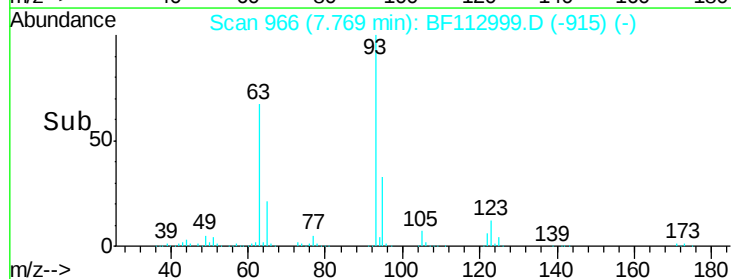
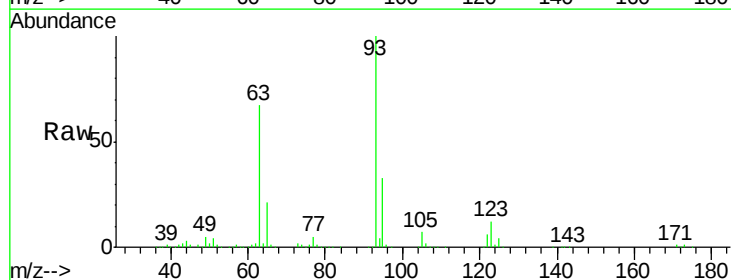
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

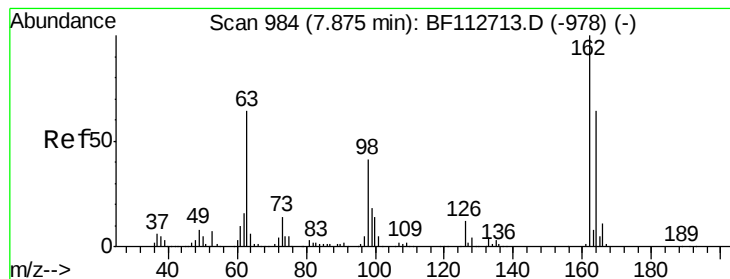
Tot Ion:122 Resp: 518343
 Ion Ratio Lower Upper
 122 100
 107 112.4 89.4 134.0
 121 57.6 45.5 68.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.598 ng
 RT: 7.77 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: BF112999.D
 Acq: 12 Mar 2019 13:27

Tgt Ion: 93 Resp: 798135
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.0 39.0
 123 11.7 9.3 13.9





#29

2,4-Dichlorophenol

Concen: 41.723 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF112999.D

Acq: 12 Mar 2019 13:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

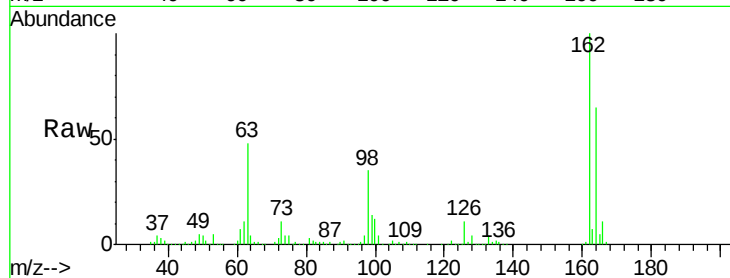
Tot Ion:162 Resp: 549642

Ion Ratio Lower Upper

162 100

164 64.6 44.0 84.0

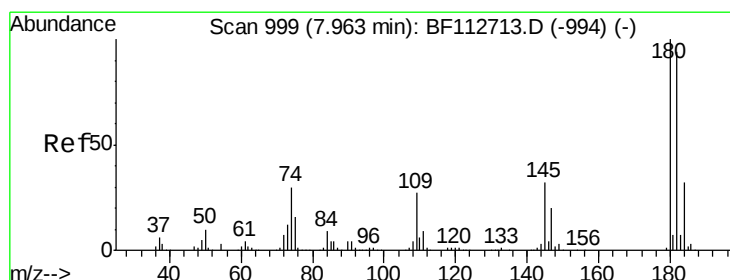
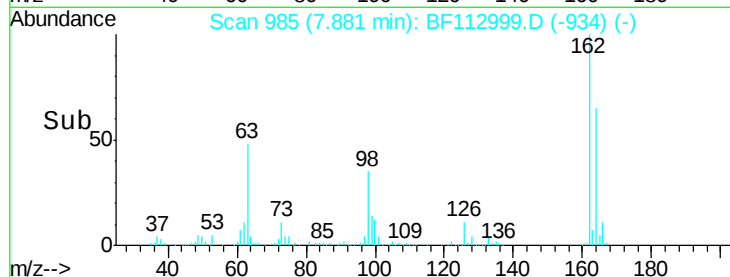
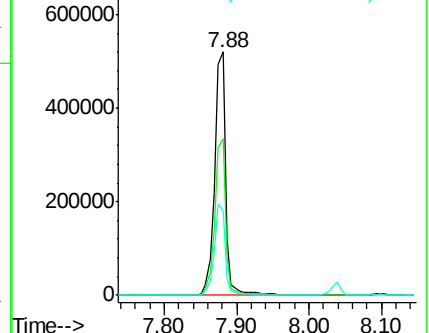
98 35.1 20.7 60.7



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: 41.193 ng

RT: 7.96 min Scan# 999

Delta R.T. 0.00 min

Lab File: BF112999.D

Acq: 12 Mar 2019 13:27

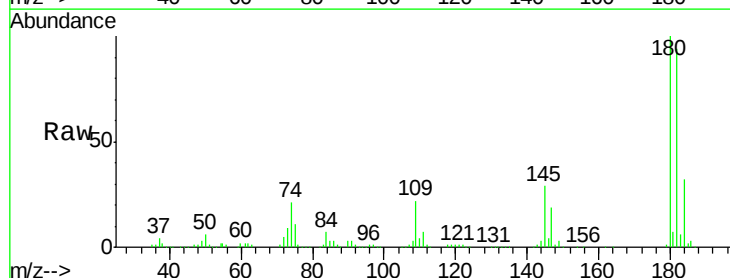
Tgt Ion:180 Resp: 583080

Ion Ratio Lower Upper

180 100

182 94.3 75.2 112.8

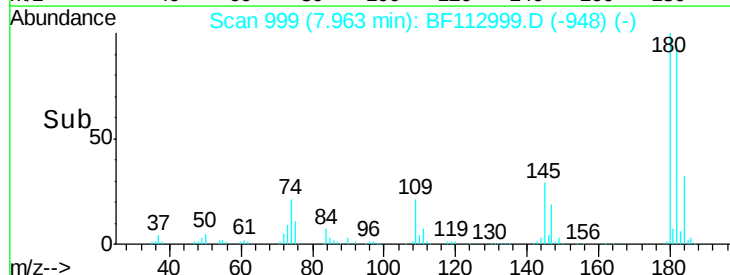
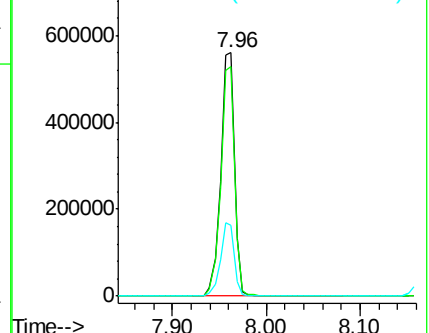
145 29.1 25.4 38.0

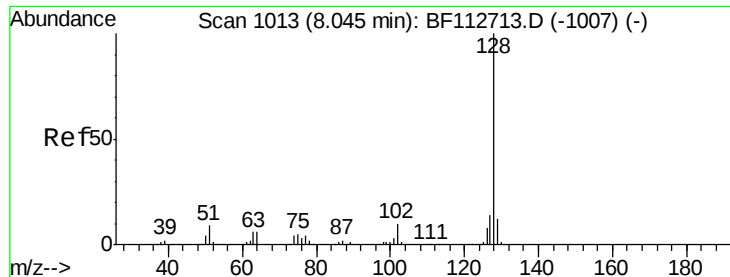


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

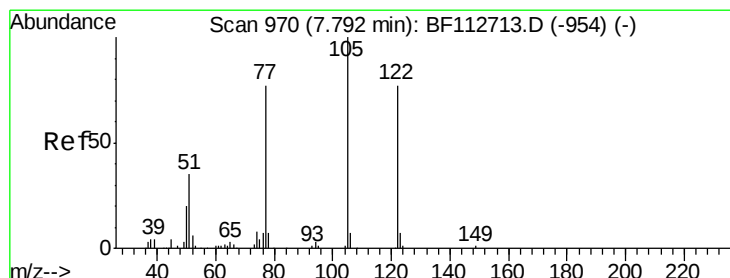
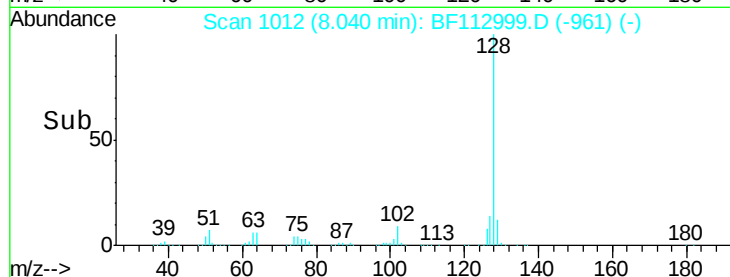
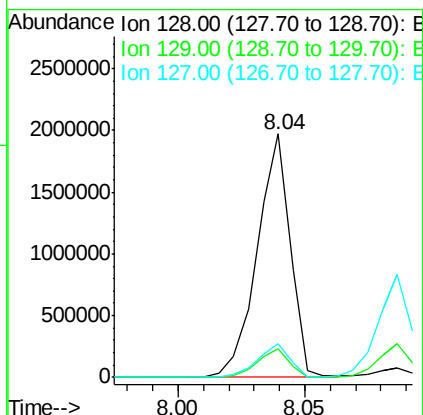
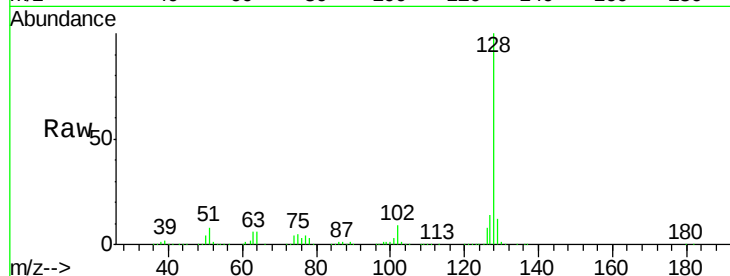




#31
Naphthalene
Concen: 38.343 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BF112999.D
Acq: 12 Mar 2019 13:27

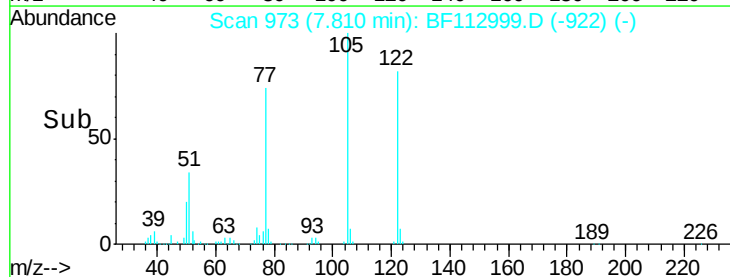
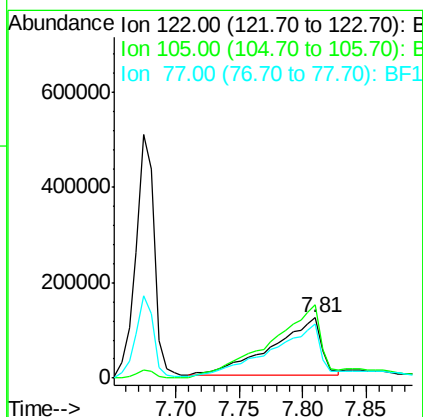
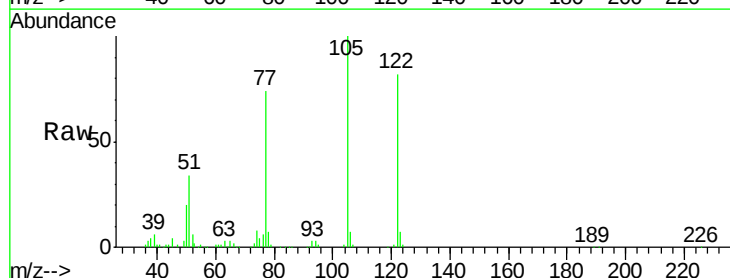
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

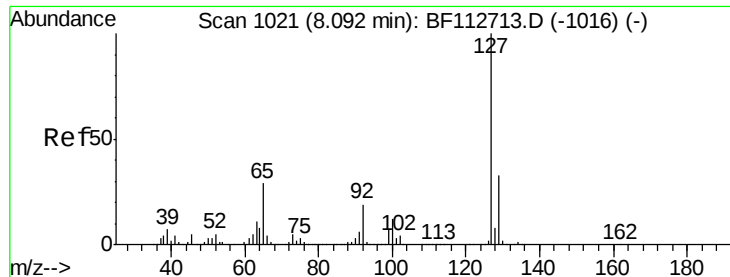
Tot Ion:128 Resp: 1795264
Ion Ratio Lower Upper
128 100
129 11.8 9.3 13.9
127 13.9 10.9 16.3



#32
Benzoic acid
Concen: 34.184 ng
RT: 7.81 min Scan# 973
Delta R.T. 0.00 min
Lab File: BF112999.D
Acq: 12 Mar 2019 13:27

Tgt Ion:122 Resp: 325477
Ion Ratio Lower Upper
122 100
105 121.4 106.8 146.8
77 90.0 79.4 119.4

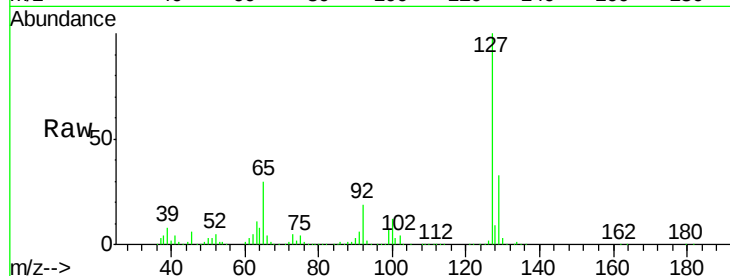




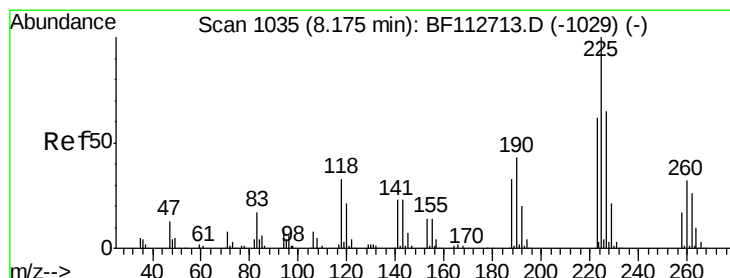
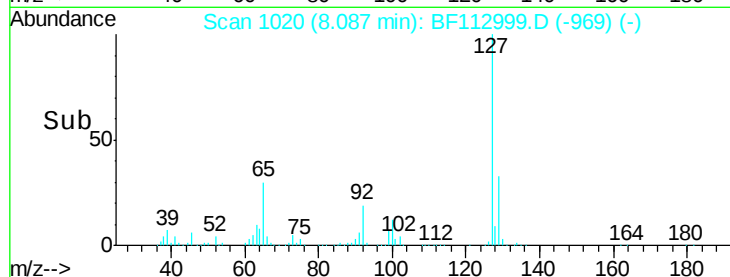
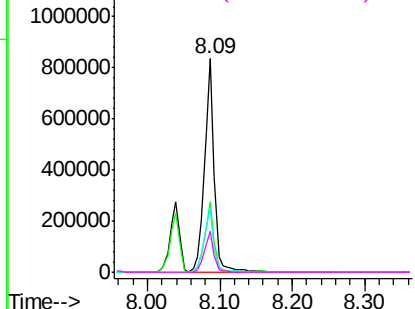
#33
4-Chloroaniline
Concen: 39.461 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF112999.D
Acq: 12 Mar 2019 13:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:127	Resp:	782554
Ion Ratio	Lower	Upper
127	100	
129	33.2	26.4 39.6
65	30.1	23.1 34.7
92	19.2	14.9 22.3

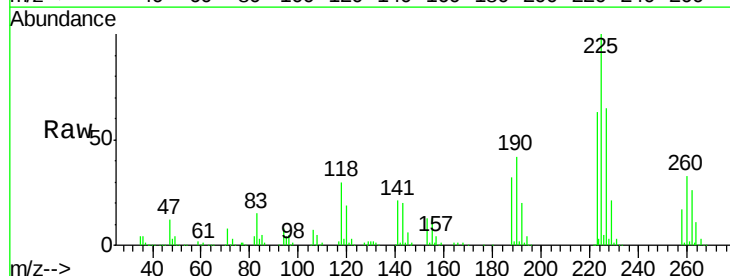


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

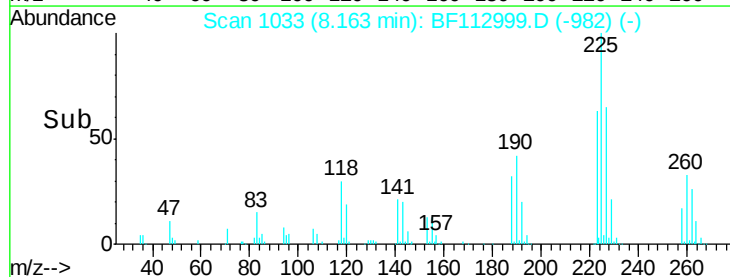
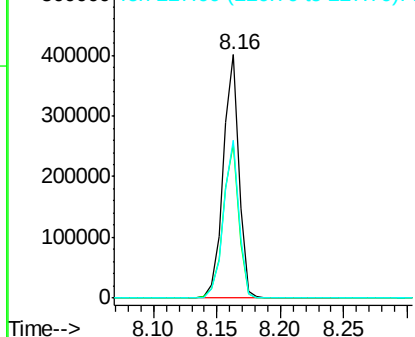


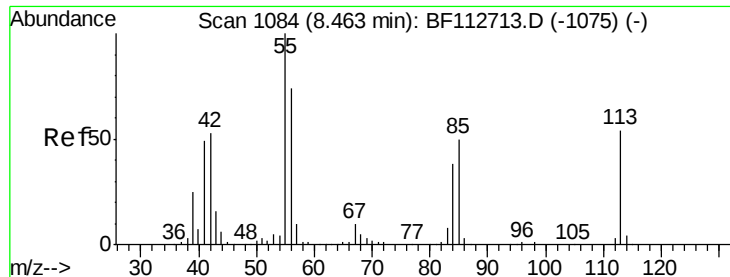
#34
Hexachlorobutadiene
Concen: 43.507 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF112999.D
Acq: 12 Mar 2019 13:27

Tgt Ion:225	Resp:	347310
Ion Ratio	Lower	Upper
225	100	
223	63.0	49.7 74.5
227	64.6	52.1 78.1



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

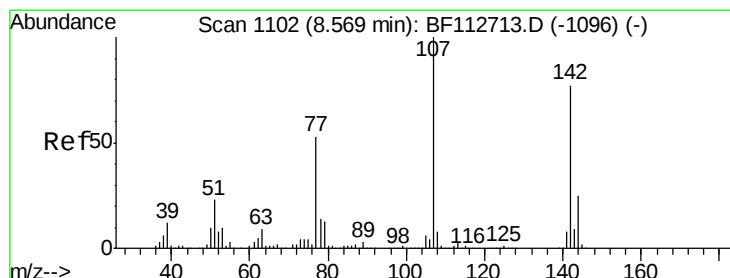
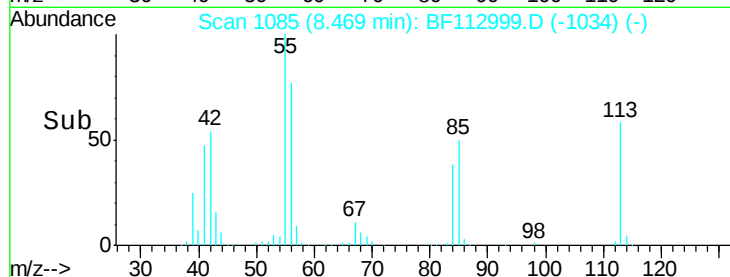
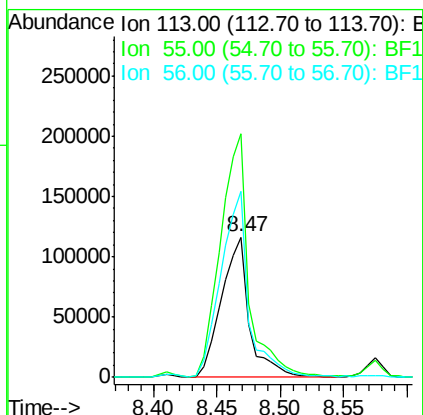
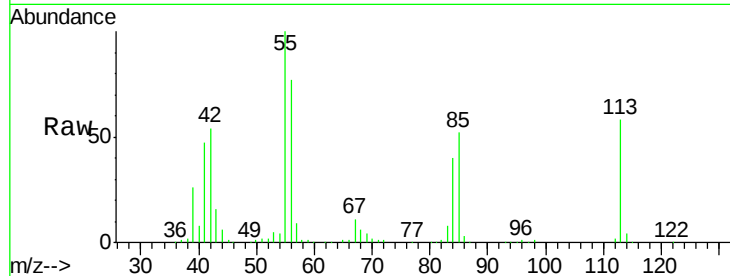




#35
Caprolactam
Concen: 38.387 ng
RT: 8.47 min Scan# 1085
Delta R.T. 0.00 min
Lab File: BF112999.D
Acq: 12 Mar 2019 13:27

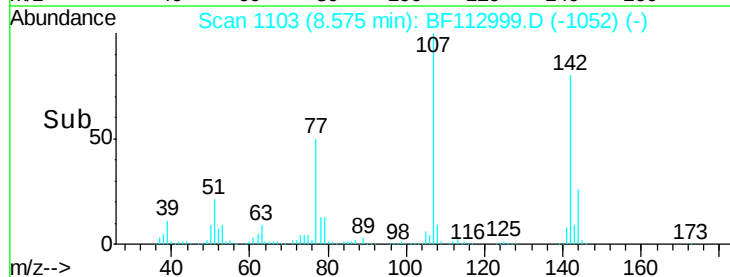
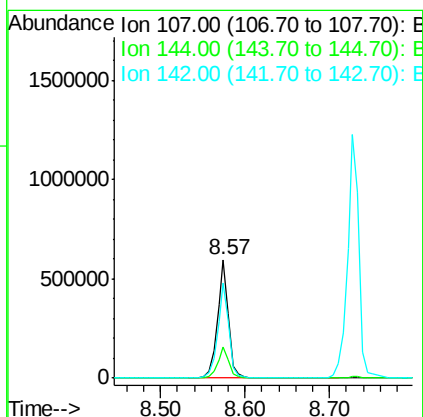
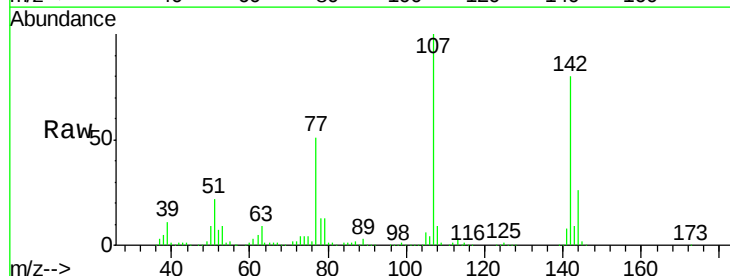
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

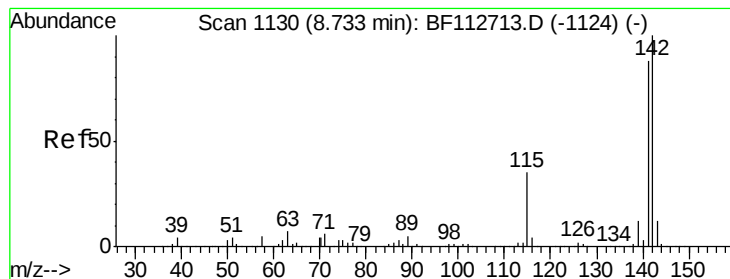
Tot Ion:113 Resp: 178110
Ion Ratio Lower Upper
113 100
55 173.5 163.5 203.5
56 133.0 115.3 155.3



#36
4-Chloro-3-methylphenol
Concen: 38.586 ng
RT: 8.57 min Scan# 1103
Delta R.T. 0.00 min
Lab File: BF112999.D
Acq: 12 Mar 2019 13:27

Tgt Ion:107 Resp: 562547
Ion Ratio Lower Upper
107 100
144 26.1 20.1 30.1
142 80.0 61.9 92.9





#37

2-Methylnaphthalene

Concen: 39.084 ng

RT: 8.73 min Scan# 1129

Delta R.T. 0.00 min

Lab File: BF112999.D

Acq: 12 Mar 2019 13:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

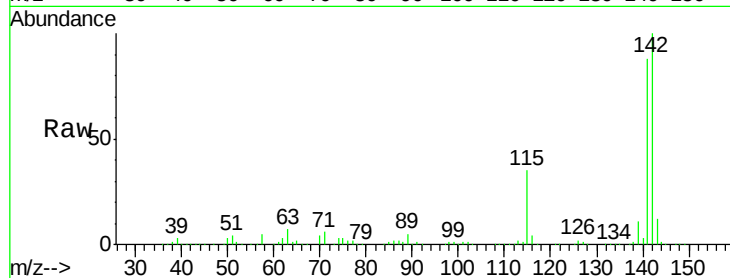
Tot Ion:142 Resp: 1181749

Ion Ratio Lower Upper

142 100

141 87.8 70.3 105.5

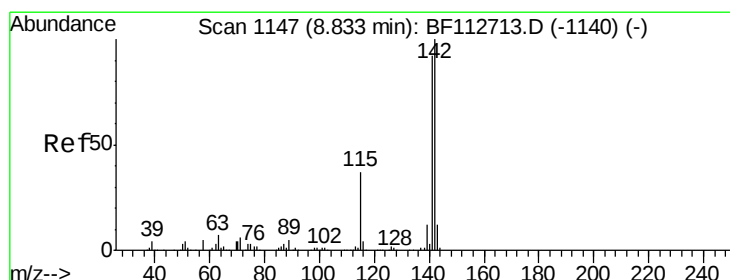
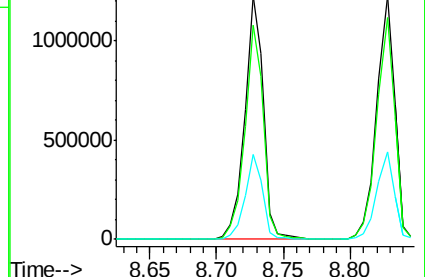
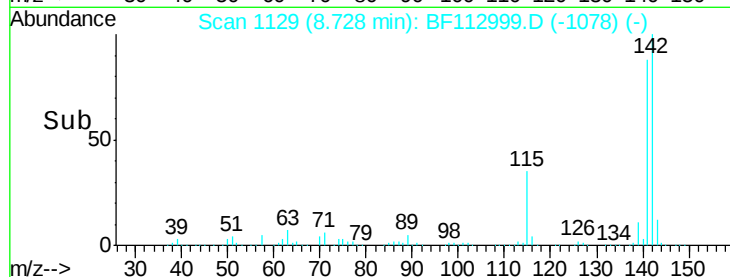
115 34.8 27.8 41.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 38.485 ng

RT: 8.83 min Scan# 1146

Delta R.T. 0.00 min

Lab File: BF112999.D

Acq: 12 Mar 2019 13:27

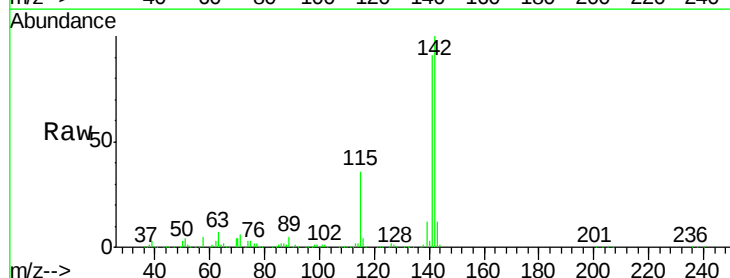
Tgt Ion:142 Resp: 1127209

Ion Ratio Lower Upper

142 100

141 91.0 73.7 110.5

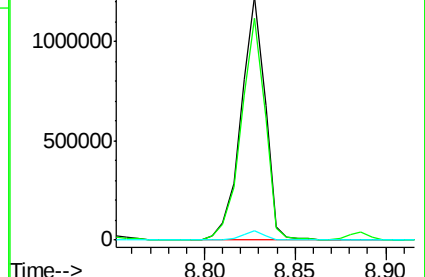
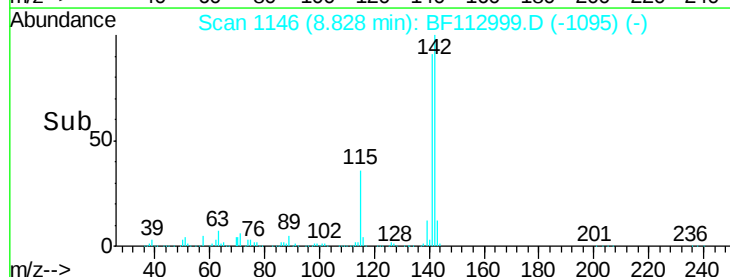
116 3.8 3.1 4.7

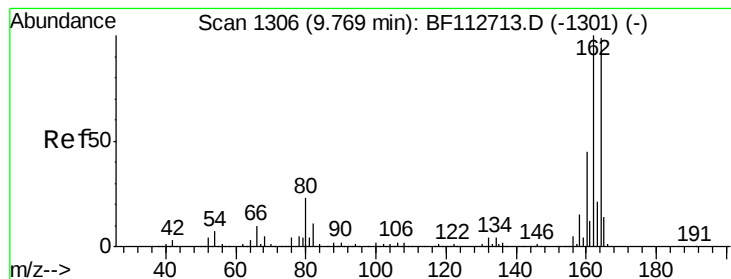


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.00 min

Lab File: BF112999.D

Acq: 12 Mar 2019 13:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

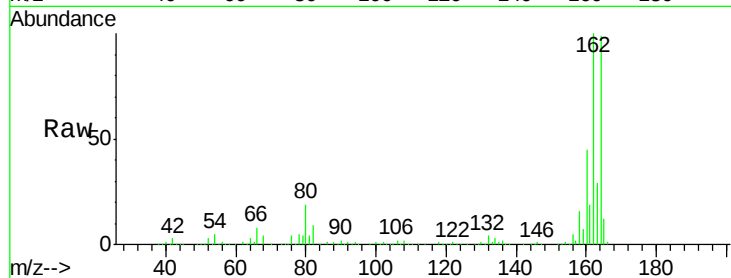
Tot Ion:164 Resp: 450951

Ion Ratio Lower Upper

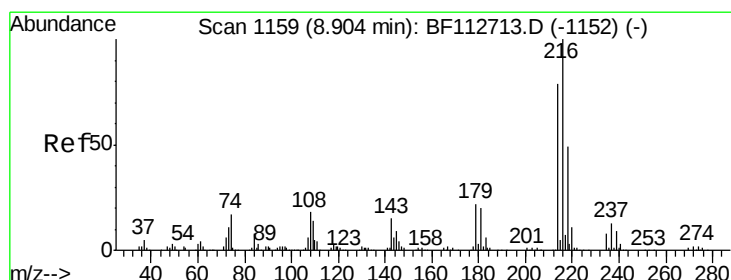
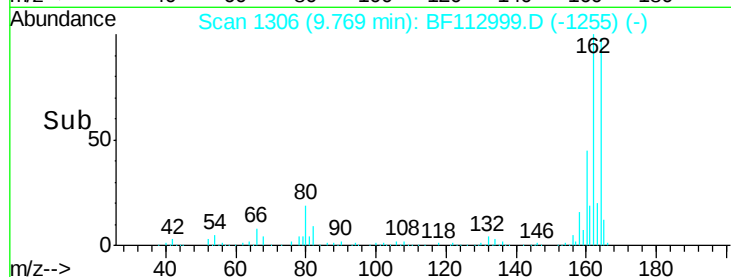
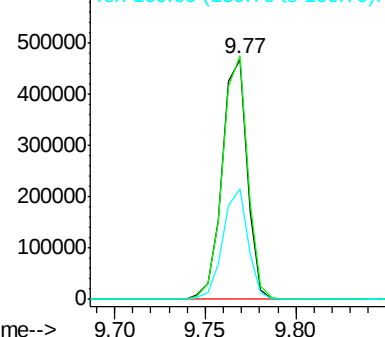
164 100

162 101.3 80.6 120.8

160 46.0 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: 42.391 ng

RT: 8.90 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BF112999.D

Acq: 12 Mar 2019 13:27

Tgt Ion:216 Resp: 557455

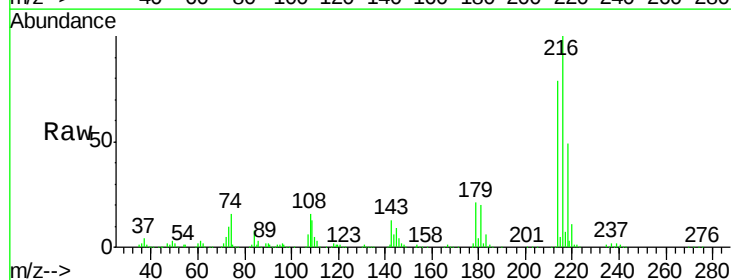
Ion Ratio Lower Upper

216 100

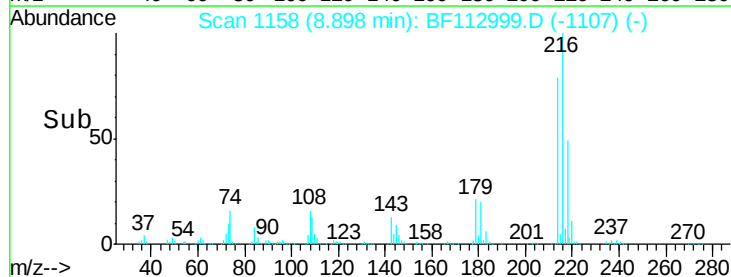
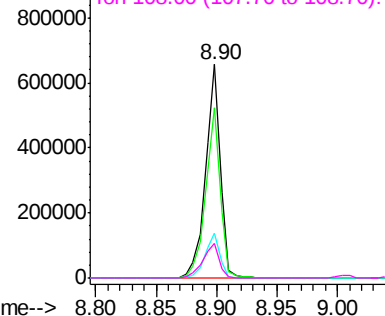
214 79.3 63.2 94.8

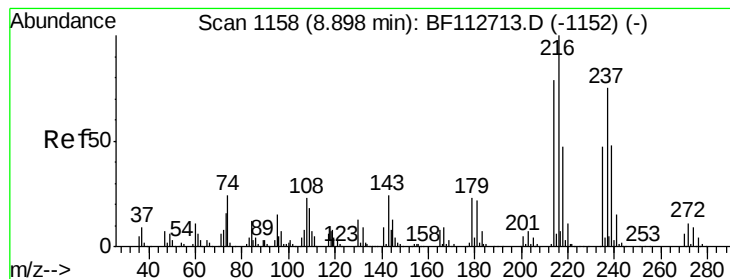
179 20.9 17.5 26.3

108 18.0 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: 39.094 ng

RT: 8.89 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BF112999.D

Acq: 12 Mar 2019 13:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

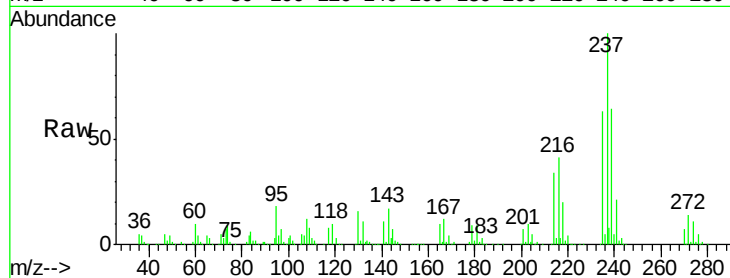
Tot Ion:237 Resp: 281518

Ion Ratio Lower Upper

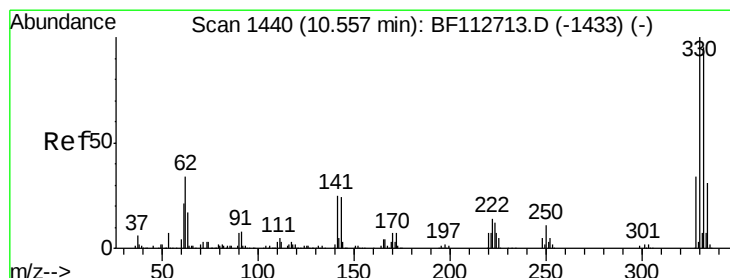
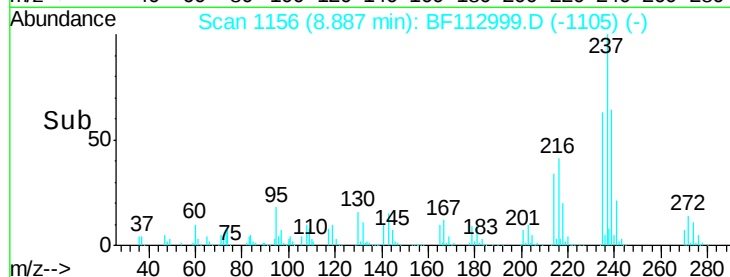
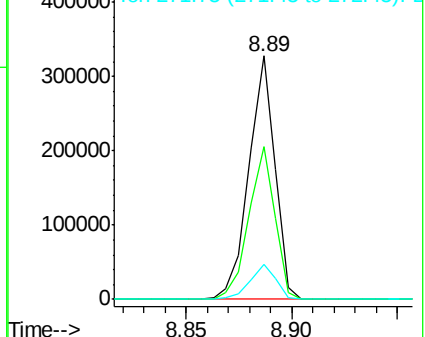
237 100

235 62.6 42.2 82.2

272 14.3 0.0 34.0



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 86.956 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF112999.D

Acq: 12 Mar 2019 13:27

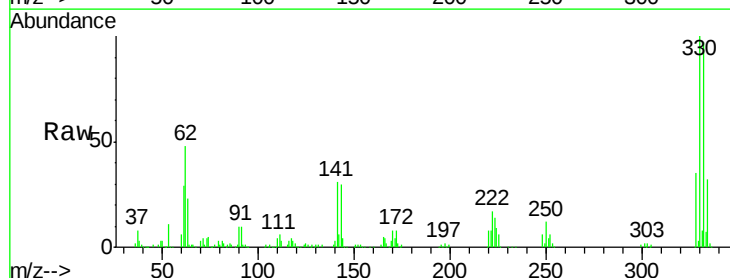
Tgt Ion:330 Resp: 416294

Ion Ratio Lower Upper

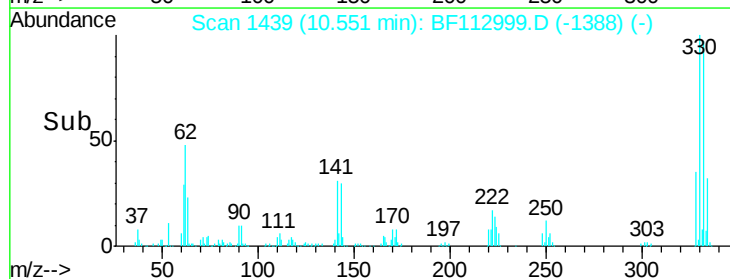
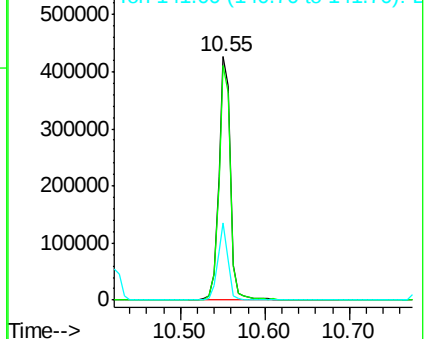
330 100

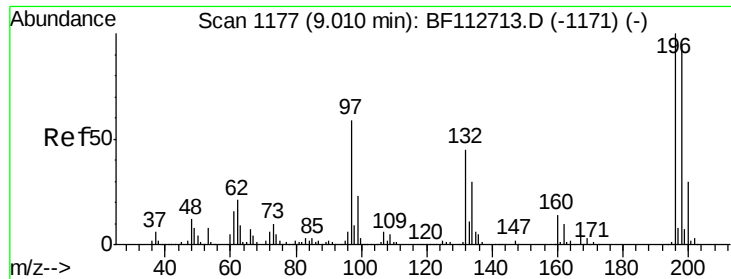
332 96.8 76.2 114.4

141 28.6 27.0 40.6



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

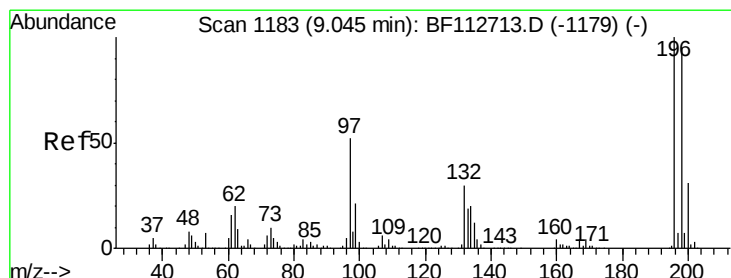
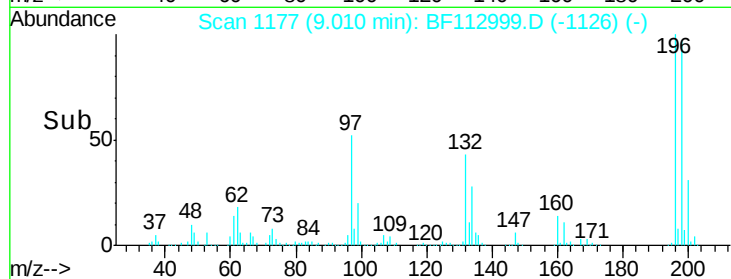
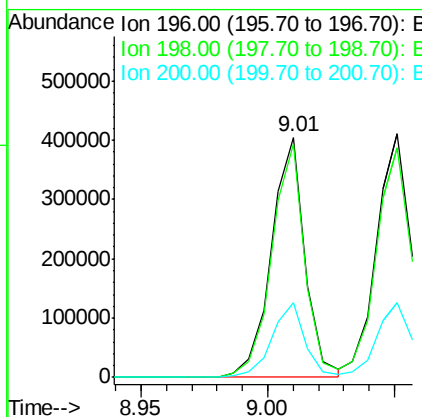
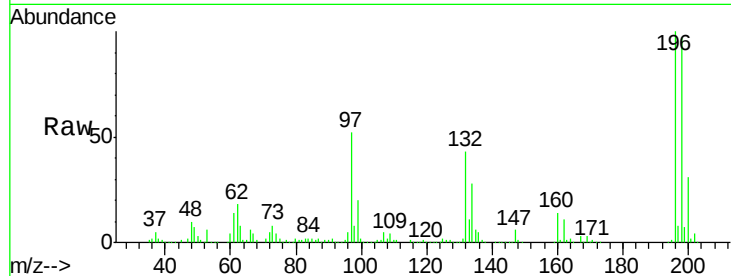




#43
 2,4,6-Trichlorophenol
 Concen: 41.529 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF112999.D
 Acq: 12 Mar 2019 13:27

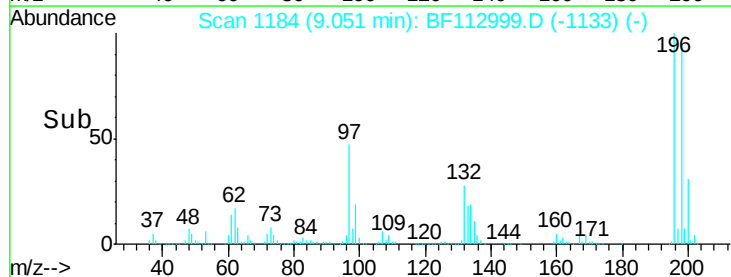
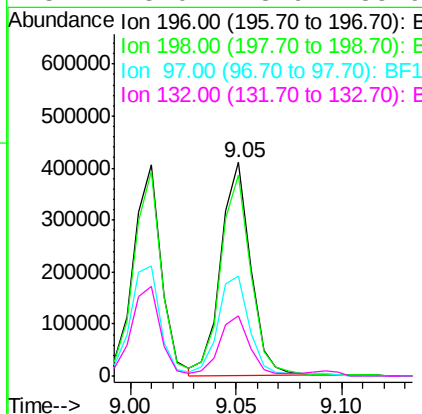
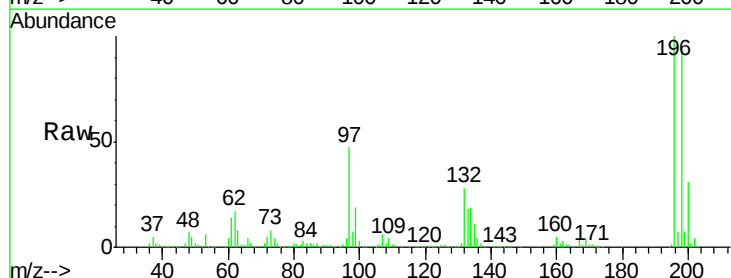
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

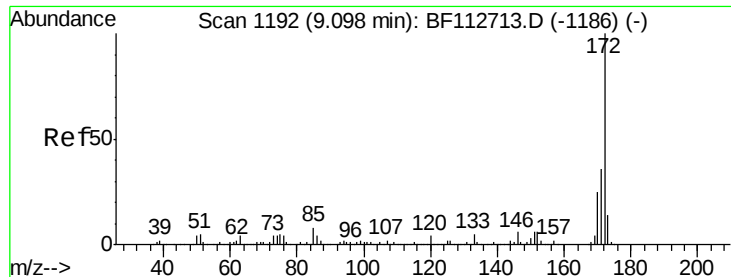
Tot Ion:196 Resp: 375851
 Ion Ratio Lower Upper
 196 100
 198 97.0 75.8 113.8
 200 31.2 24.3 36.5



#44
 2,4,5-Trichlorophenol
 Concen: 41.011 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF112999.D
 Acq: 12 Mar 2019 13:27

Tgt Ion:196 Resp: 401185
 Ion Ratio Lower Upper
 196 100
 198 94.2 76.2 114.2
 97 47.0 41.5 62.3
 132 28.0 23.9 35.9

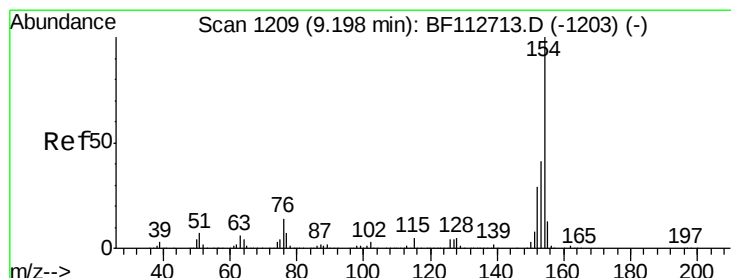
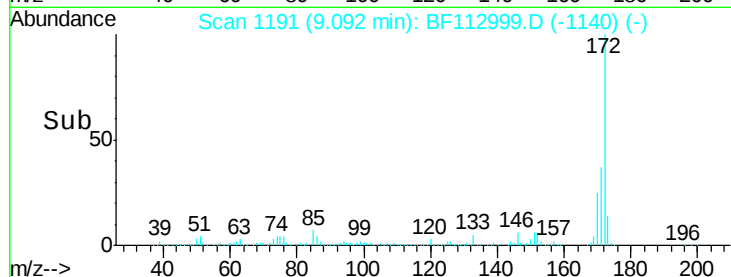
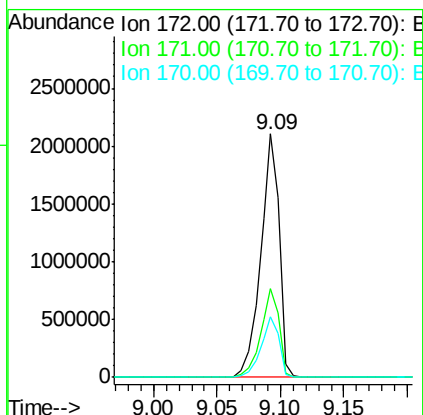
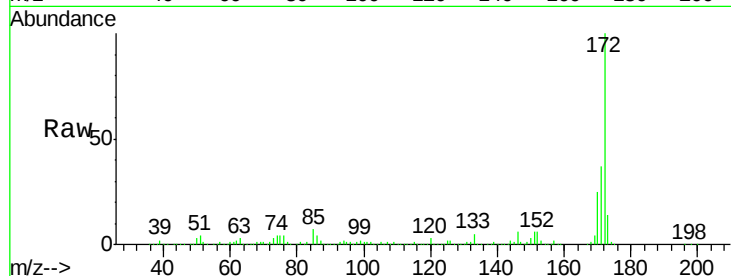




#45
2-Fluorobiphenyl
Concen: 77.297 ng
RT: 9.09 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BF112999.D
Acq: 12 Mar 2019 13:27

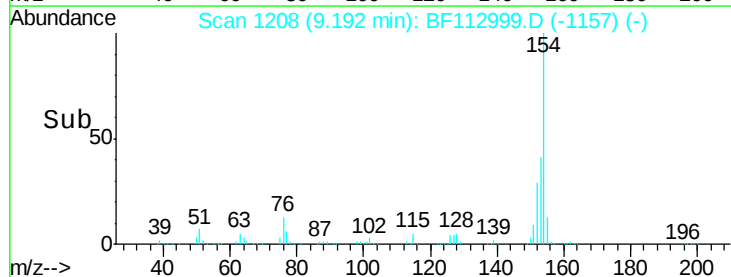
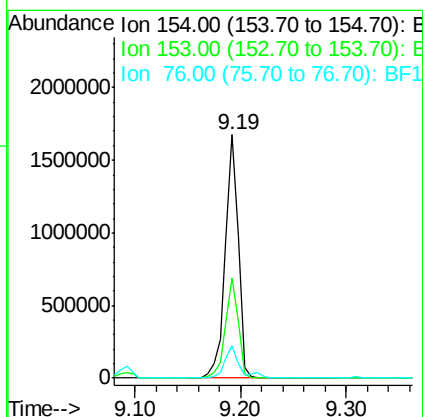
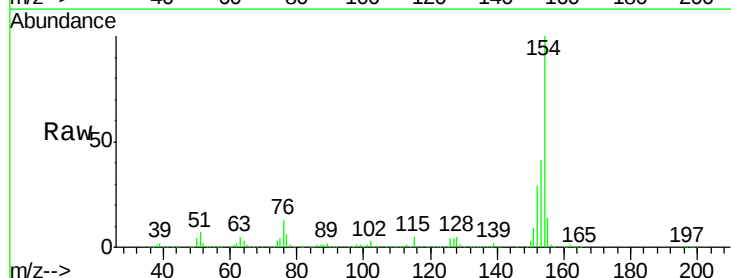
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

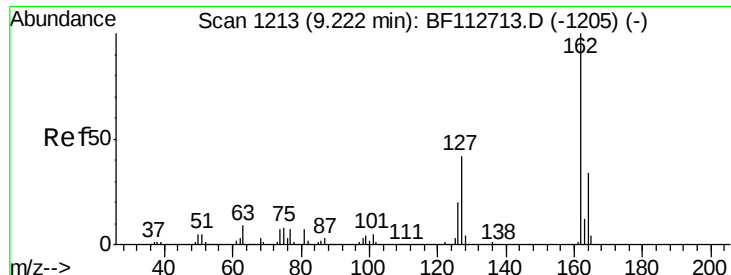
Tot Ion:172 Resp: 2154824
Ion Ratio Lower Upper
172 100
171 36.5 29.0 43.4
170 25.0 20.0 30.0



#46
1,1'-Biphenyl
Concen: 39.253 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BF112999.D
Acq: 12 Mar 2019 13:27

Tgt Ion:154 Resp: 1443792
Ion Ratio Lower Upper
154 100
153 41.1 20.8 60.8
76 13.5 0.0 33.8

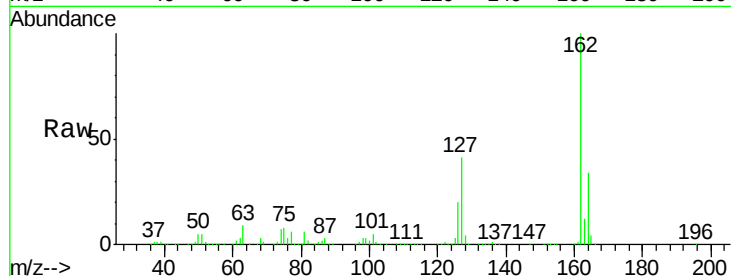




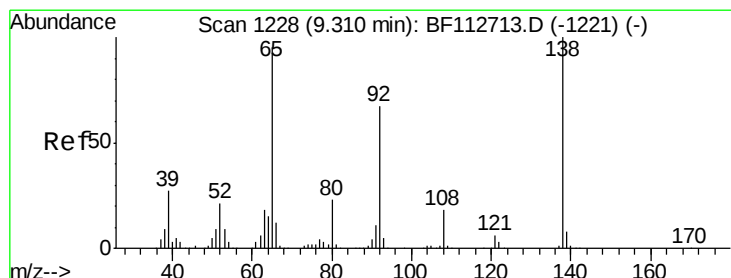
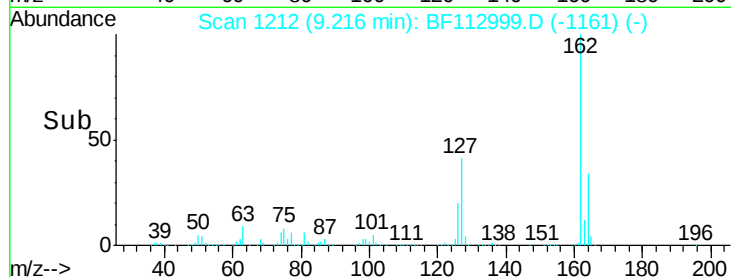
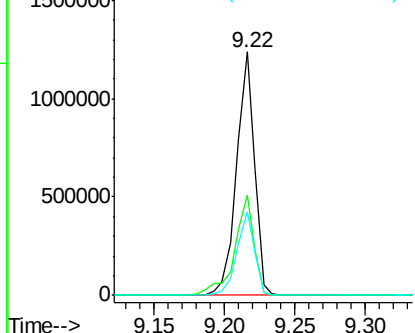
#47
2-Chloronaphthalene
Concen: 38.167 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF112999.D
Acq: 12 Mar 2019 13:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:162 Resp: 1096186
Ion Ratio Lower Upper
162 100
127 41.1 33.4 50.2
164 34.2 26.9 40.3

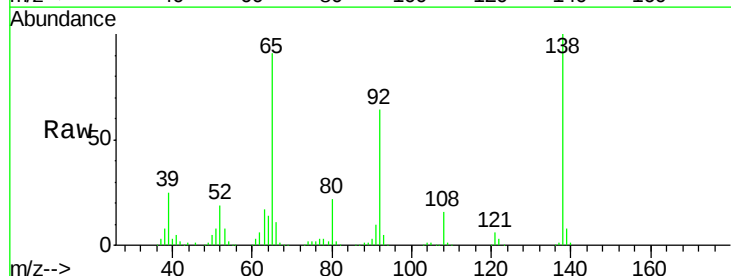


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

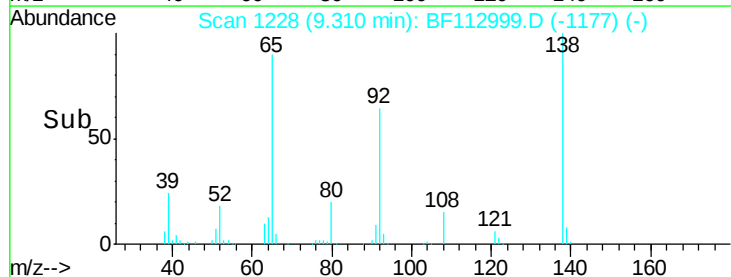
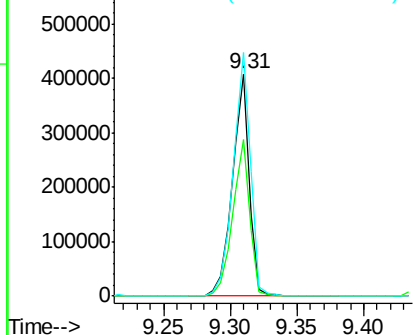


#48
2-Nitroaniline
Concen: 42.027 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF112999.D
Acq: 12 Mar 2019 13:27

Tgt Ion: 65 Resp: 366892
Ion Ratio Lower Upper
65 100
92 70.2 56.4 84.6
138 109.5 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: 36.862 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BF112999.D

Acq: 12 Mar 2019 13:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

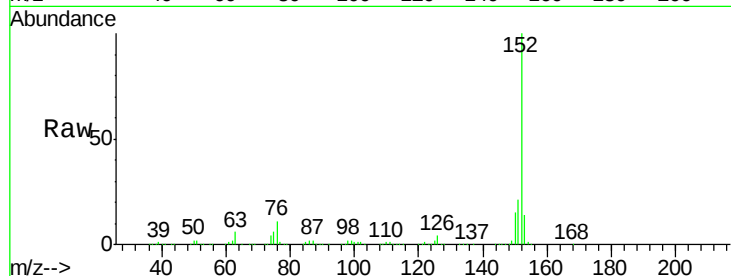
Tot Ion:152 Resp: 1797307

Ion Ratio Lower Upper

152 100

151 20.8 16.9 25.3

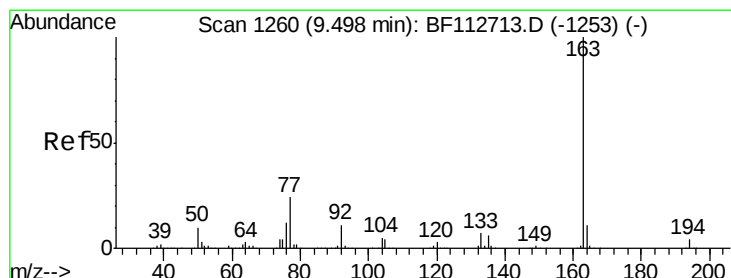
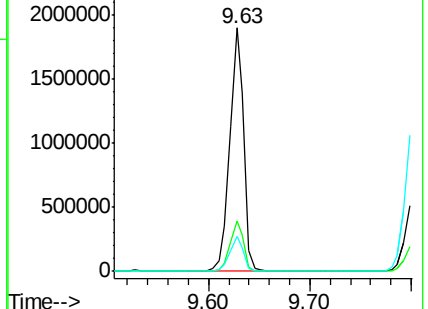
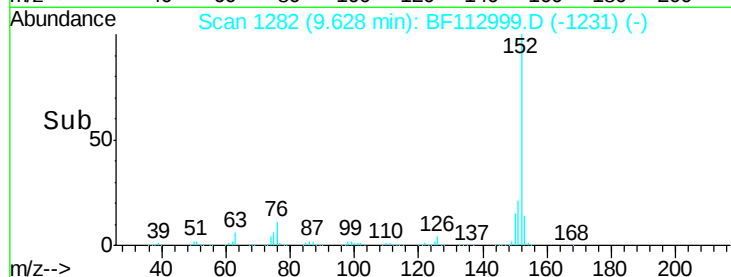
153 14.1 11.0 16.6



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: 38.615 ng

RT: 9.50 min Scan# 1260

Delta R.T. 0.00 min

Lab File: BF112999.D

Acq: 12 Mar 2019 13:27

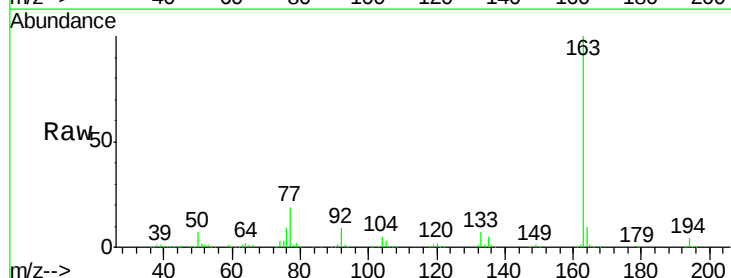
Tgt Ion:163 Resp: 1283990

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.4

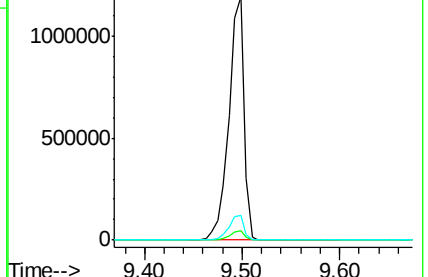
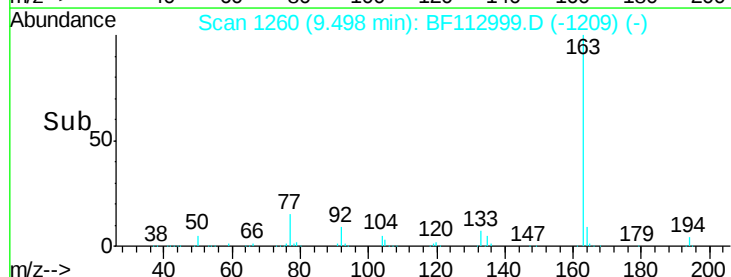
164 10.3 8.4 12.6

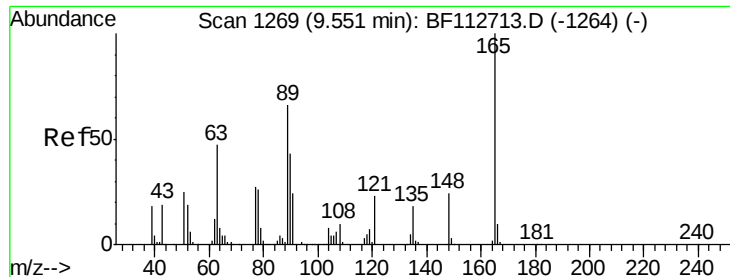


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

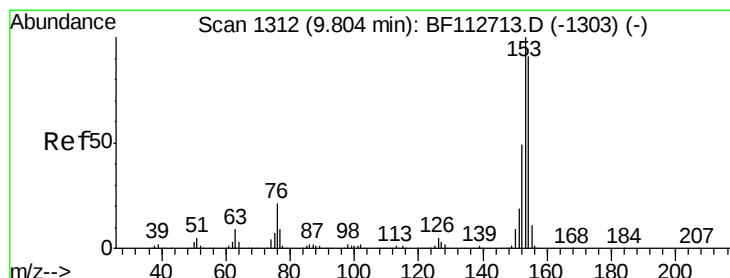
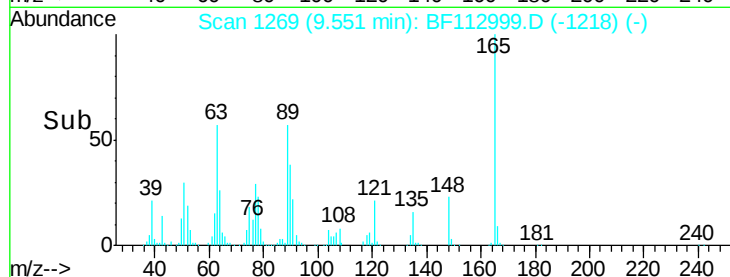
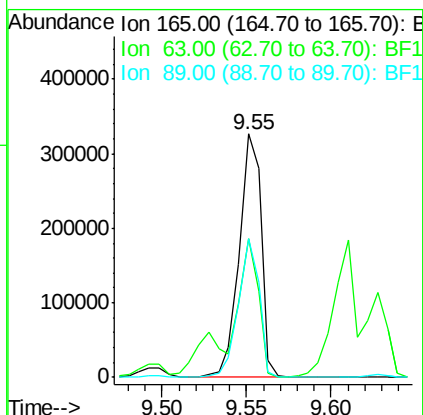
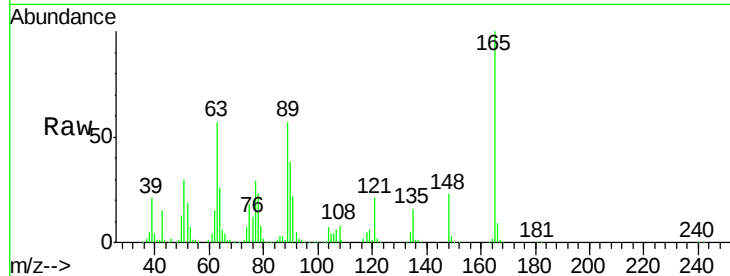




#51
2,6-Dinitrotoluene
Concen: 42.793 ng
RT: 9.55 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BF112999.D
Acq: 12 Mar 2019 13:27

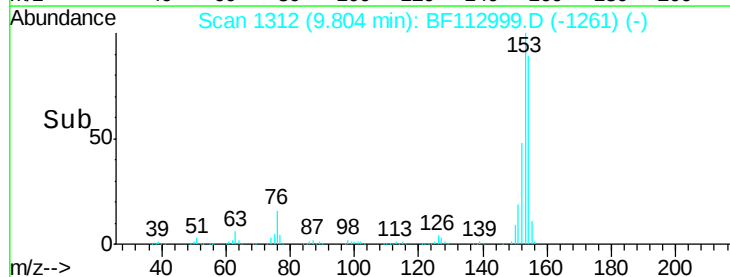
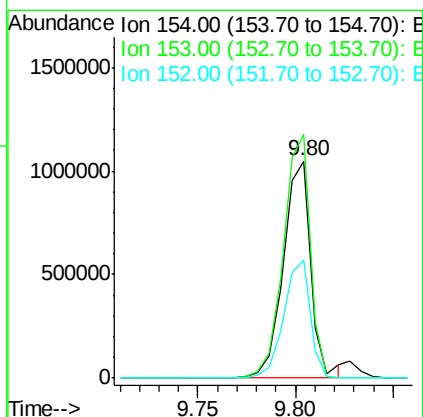
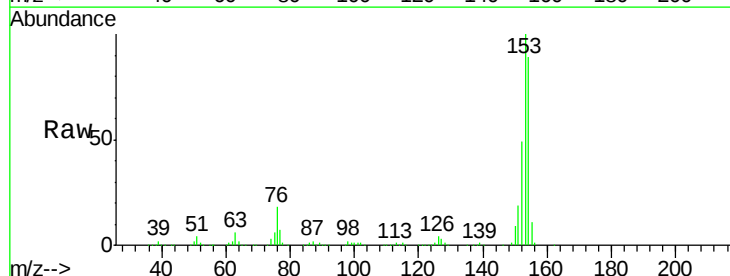
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

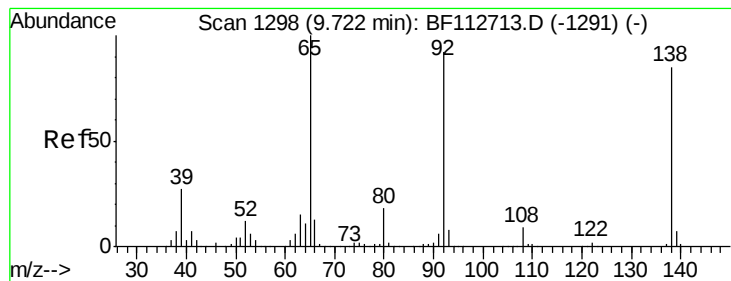
Tot Ion:165 Resp: 296307
Ion Ratio Lower Upper
165 100
63 57.2 54.1 81.1
89 56.8 52.8 79.2



#52
Acenaphthene
Concen: 35.930 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF112999.D
Acq: 12 Mar 2019 13:27

Tgt Ion:154 Resp: 1024487
Ion Ratio Lower Upper
154 100
153 112.0 87.8 131.8
152 54.4 43.0 64.6





#53

3-Nitroaniline

Concen: 40.197 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BF112999.D

Acq: 12 Mar 2019 13:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

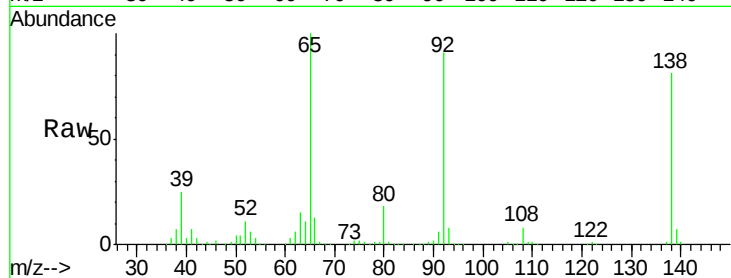
Tot Ion:138 Resp: 339150

Ion Ratio Lower Upper

138 100

108 9.7 8.6 13.0

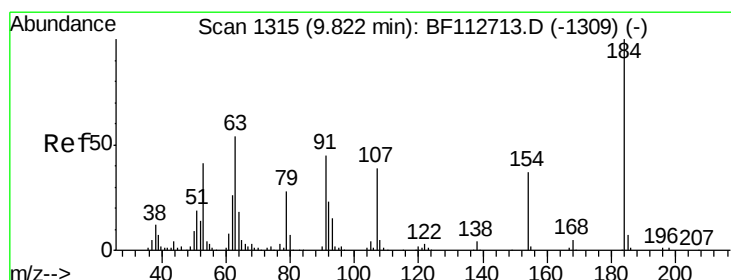
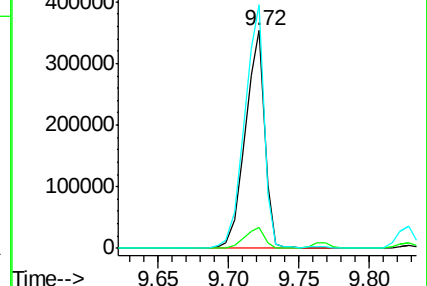
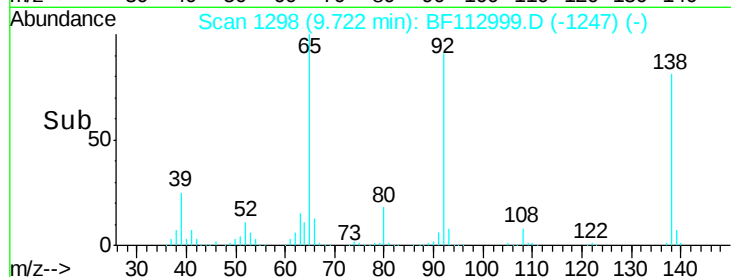
92 112.0 86.6 129.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 49.967 ng

RT: 9.83 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BF112999.D

Acq: 12 Mar 2019 13:27

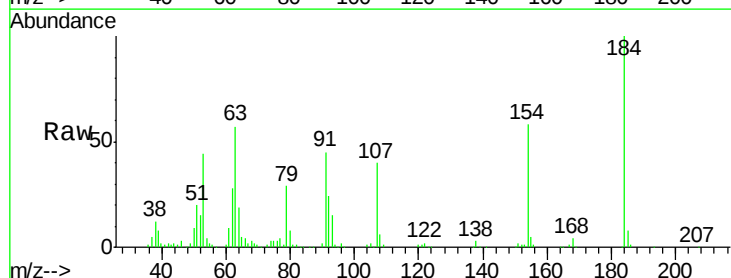
Tgt Ion:184 Resp: 134059

Ion Ratio Lower Upper

184 100

63 56.9 45.3 67.9

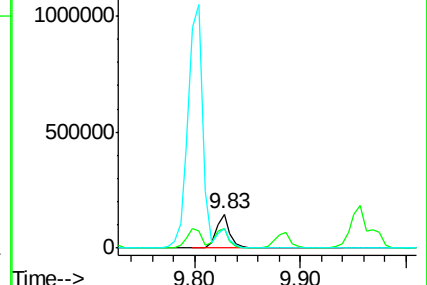
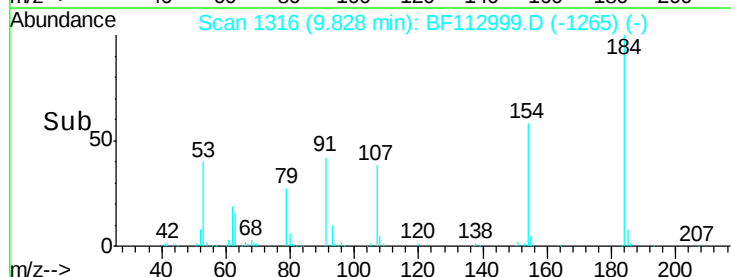
154 57.8 46.0 69.0

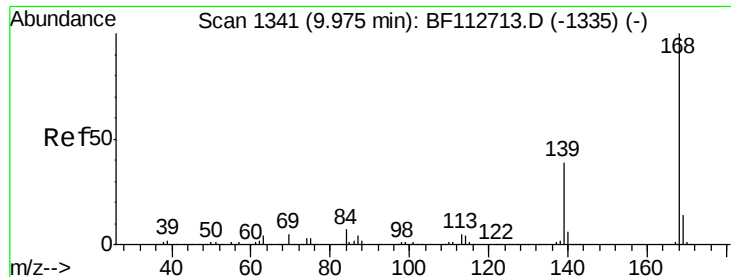


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 36.914 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.00 min

Lab File: BF112999.D

Acq: 12 Mar 2019 13:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

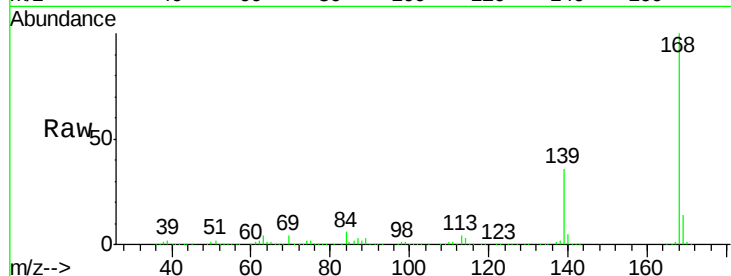
Tot Ion:168 Resp: 1529765

Ion Ratio Lower Upper

168 100

139 36.1 31.3 46.9

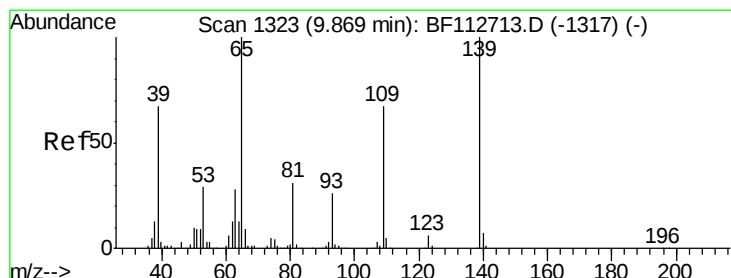
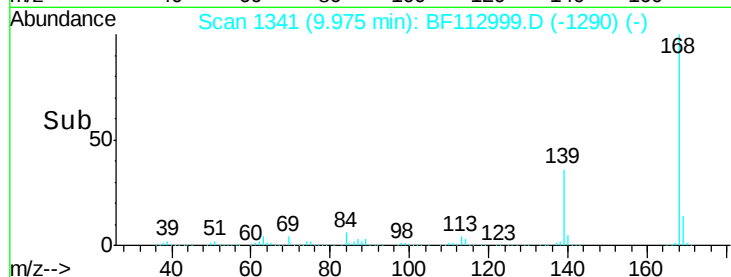
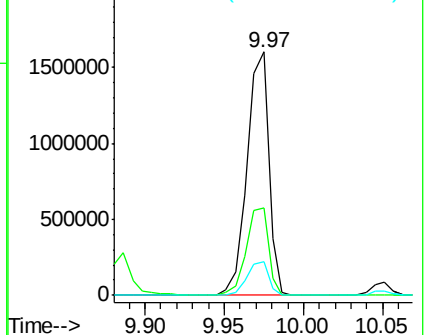
169 13.7 11.3 16.9



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: 38.855 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF112999.D

Acq: 12 Mar 2019 13:27

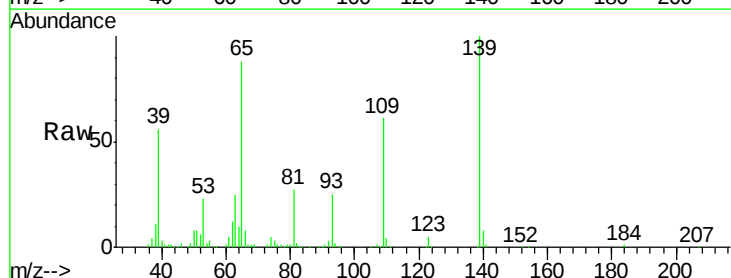
Tgt Ion:139 Resp: 266434

Ion Ratio Lower Upper

139 100

109 60.6 46.8 86.8

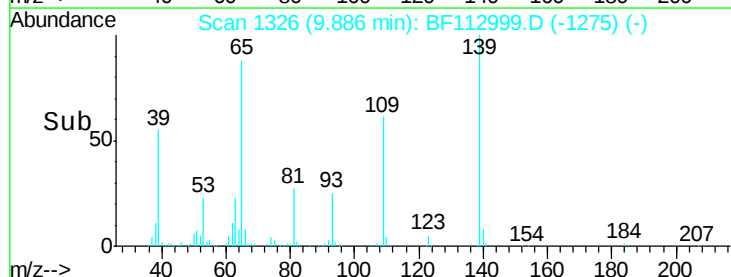
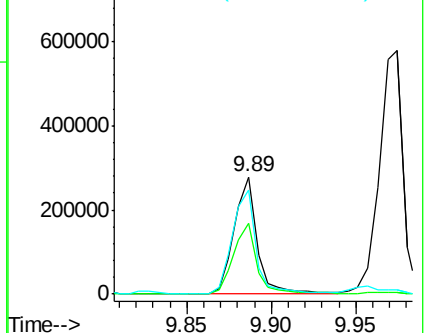
65 88.4 80.7 120.7

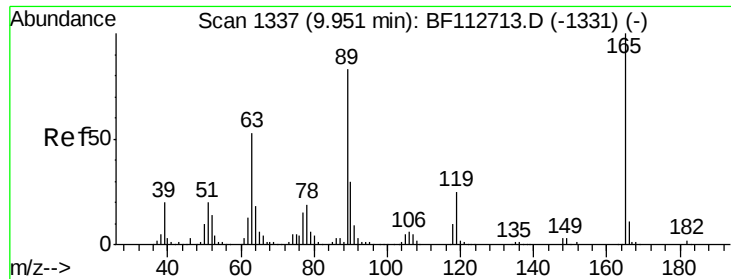


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

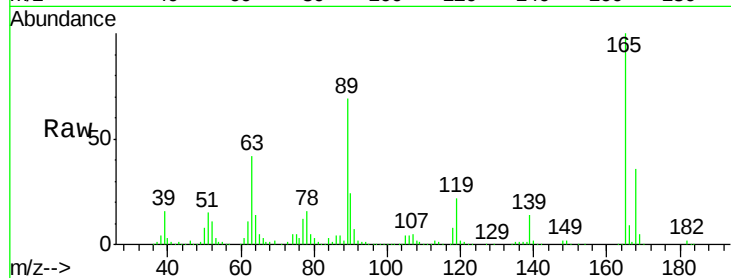




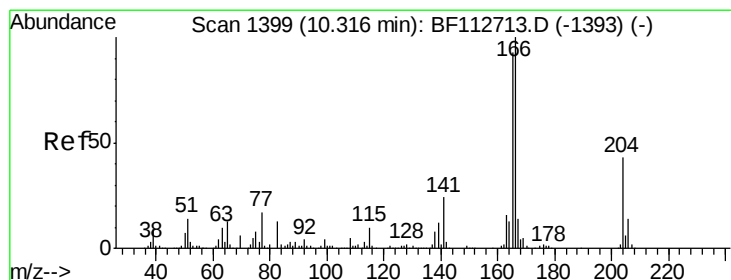
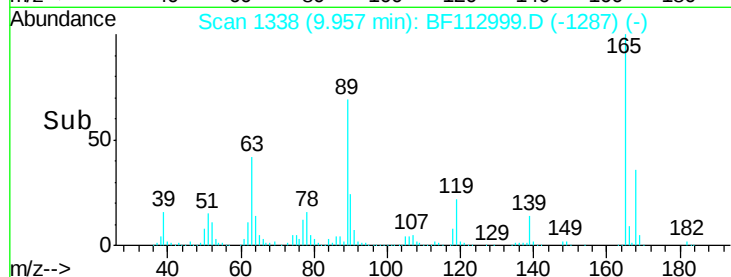
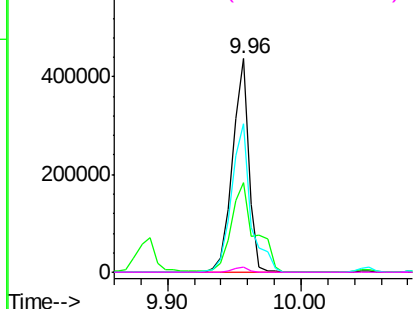
#57
2,4-Dinitrotoluene
Concen: 44.145 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF112999.D
Acq: 12 Mar 2019 13:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:165 Resp: 379957
Ion Ratio Lower Upper
165 100
63 42.1 42.2 63.2#
89 69.4 66.2 99.4
182 2.5 1.8 2.6

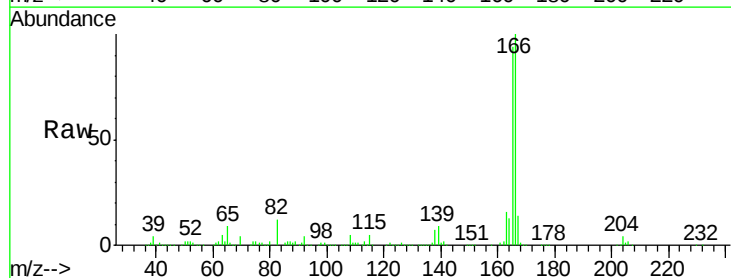


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

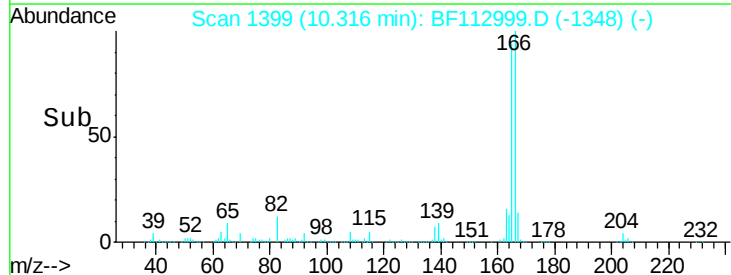
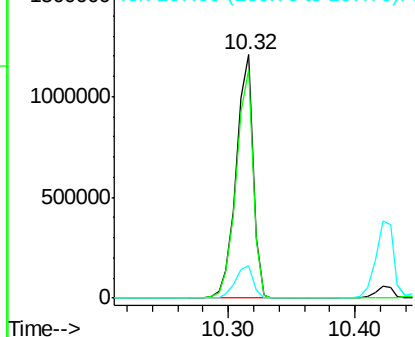


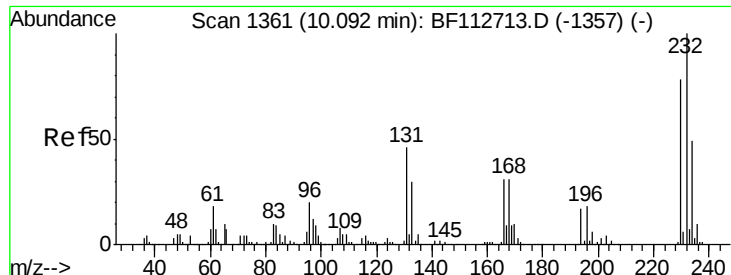
#58
Fluorene
Concen: 37.650 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BF112999.D
Acq: 12 Mar 2019 13:27

Tgt Ion:166 Resp: 1107390
Ion Ratio Lower Upper
166 100
165 93.7 74.7 112.1
167 13.5 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

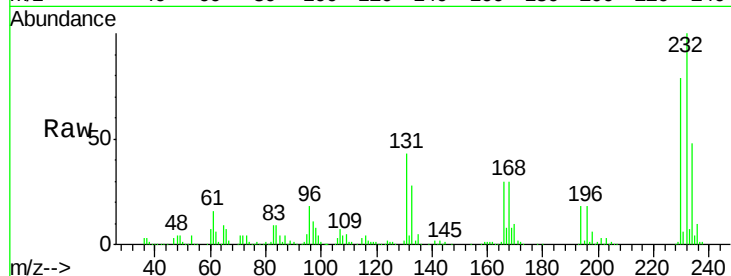




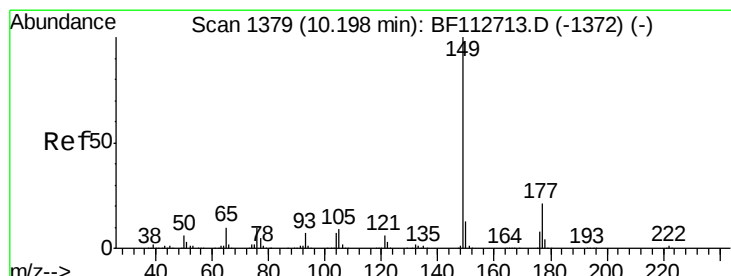
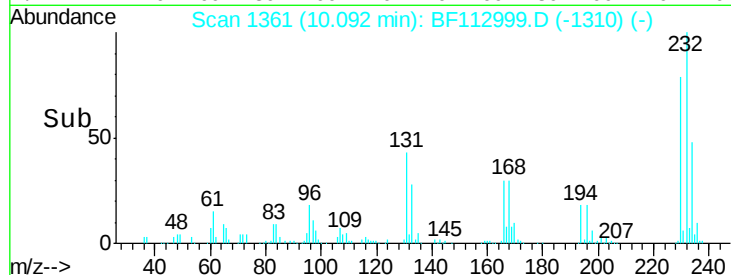
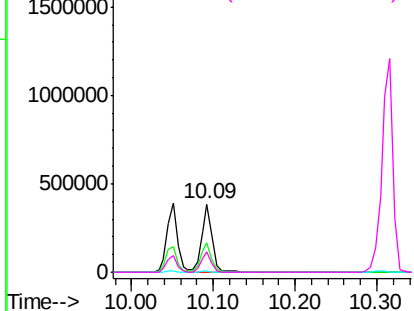
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.548 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF112999.D
Acq: 12 Mar 2019 13:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:232 Resp: 346769
Ion Ratio Lower Upper
232 100
131 42.6 38.7 58.1
130 2.0 1.9 2.9
166 28.7 25.2 37.8

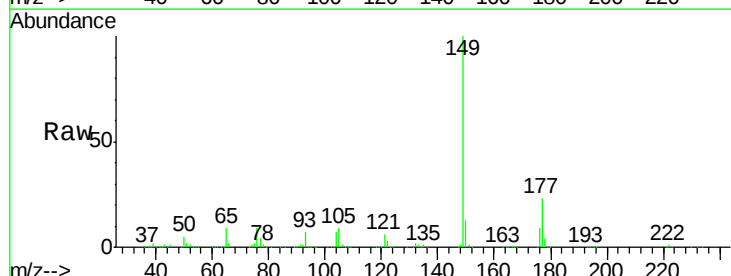


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

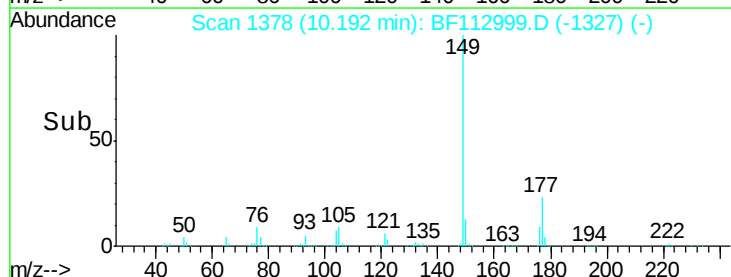
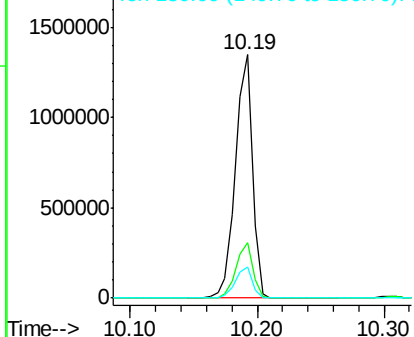


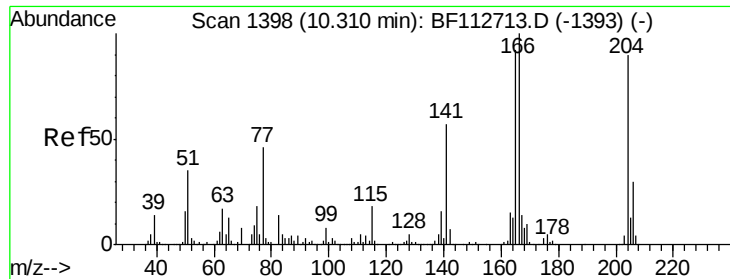
#60
Diethylphthalate
Concen: 35.329 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BF112999.D
Acq: 12 Mar 2019 13:27

Tgt Ion:149 Resp: 1240675
Ion Ratio Lower Upper
149 100
177 22.6 17.0 25.6
150 12.8 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

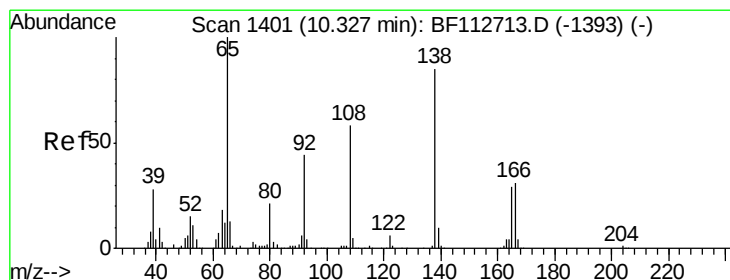
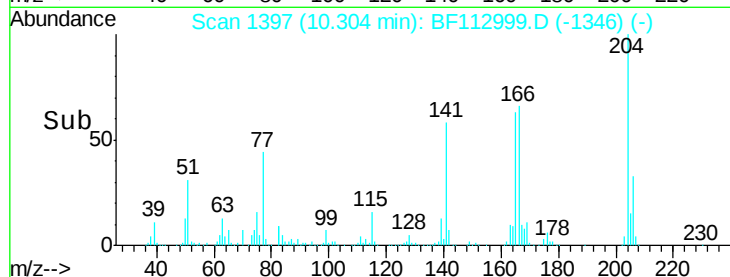
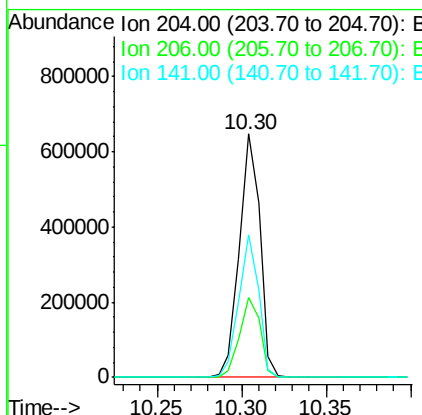
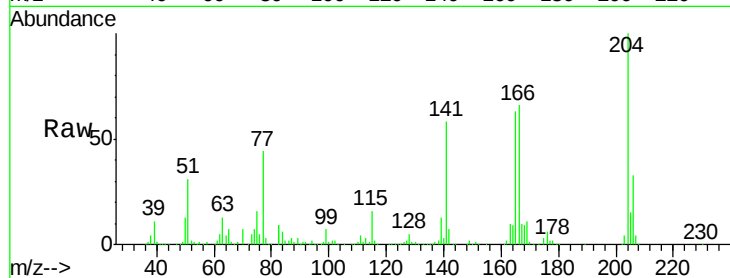




#61
4-Chlorophenyl-phenylether
Concen: 40.036 ng
RT: 10.30 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BF112999.D
Acq: 12 Mar 2019 13:27

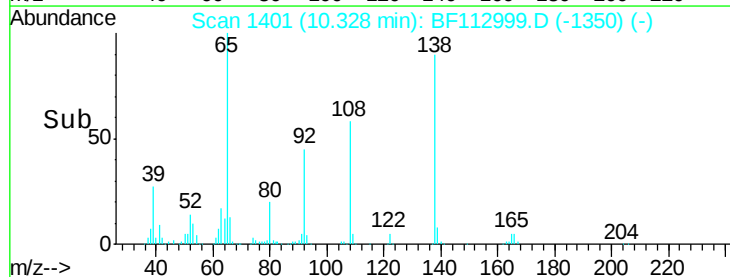
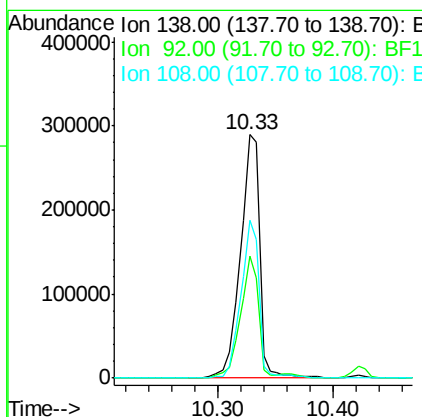
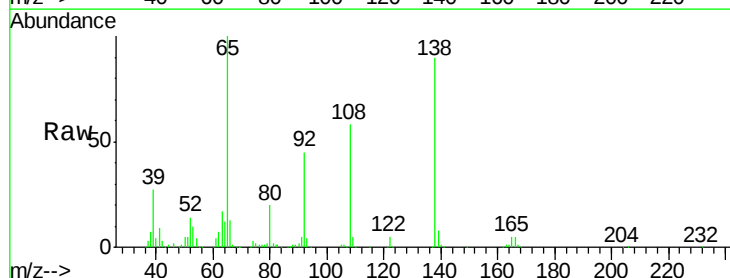
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

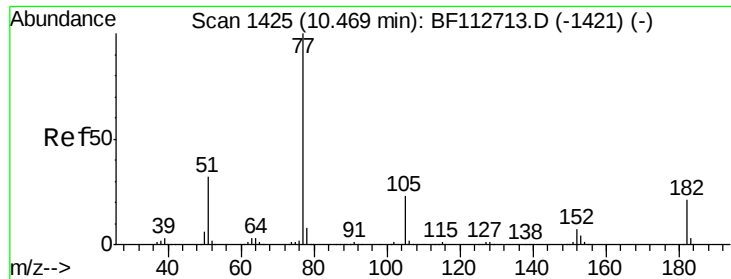
Tot Ion:204 Resp: 547892
Ion Ratio Lower Upper
204 100
206 32.6 26.6 40.0
141 58.3 50.8 76.2



#62
4-Nitroaniline
Concen: 43.217 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.00 min
Lab File: BF112999.D
Acq: 12 Mar 2019 13:27

Tgt Ion:138 Resp: 336941
Ion Ratio Lower Upper
138 100
92 50.0 31.3 71.3
108 64.9 48.1 88.1





#63

Azobenzene

Concen: 34.016 ng

RT: 10.46 min Scan# 1424

Delta R.T. 0.00 min

Lab File: BF112999.D

Acq: 12 Mar 2019 13:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 1223563

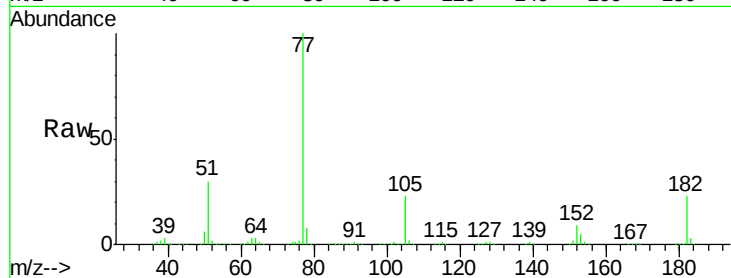
Ion Ratio Lower Upper

77 100

182 22.8 1.4 41.4

105 22.6 2.6 42.6

51 30.0 12.0 52.0

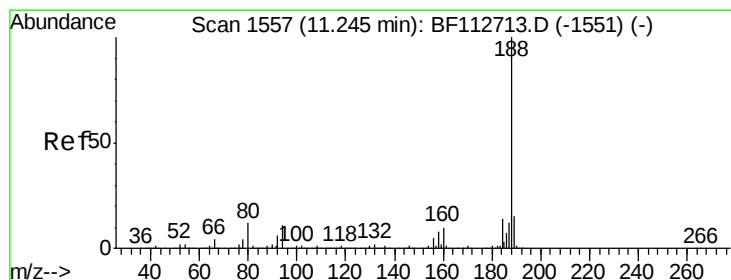
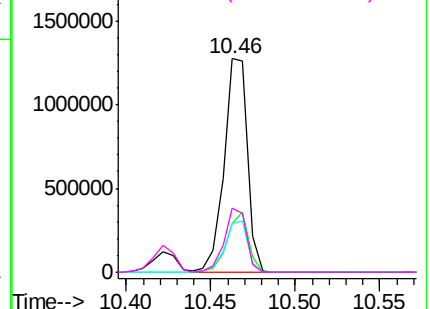
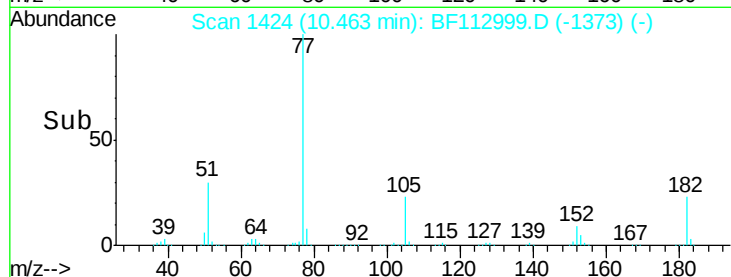


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.25 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BF112999.D

Acq: 12 Mar 2019 13:27

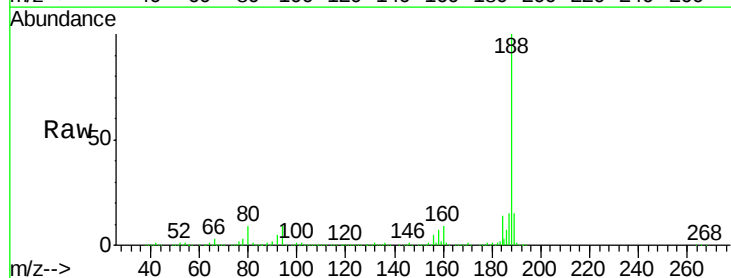
Tgt Ion: 188 Resp: 849992

Ion Ratio Lower Upper

188 100

94 9.3 9.0 13.4

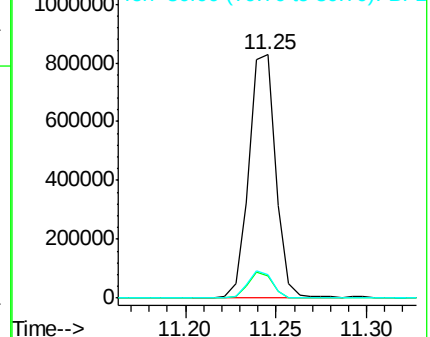
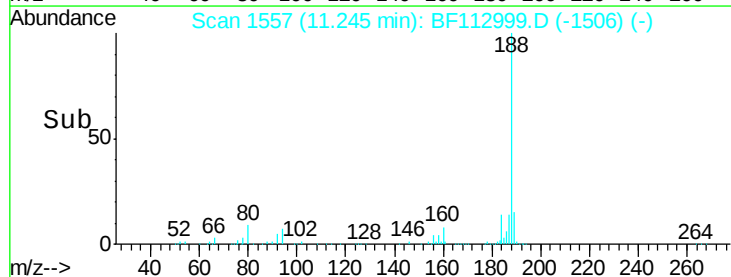
80 9.5 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

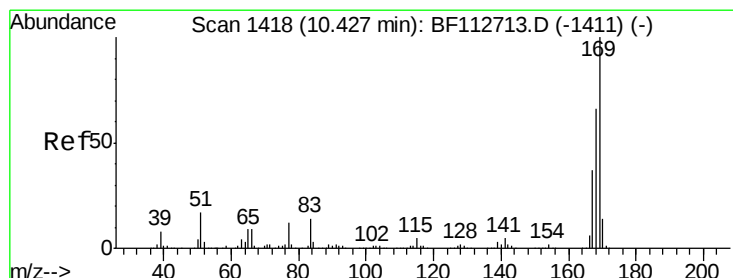
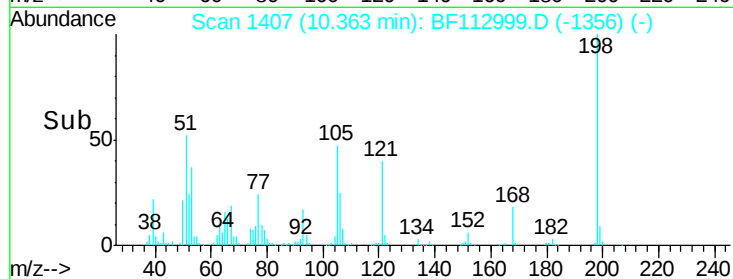
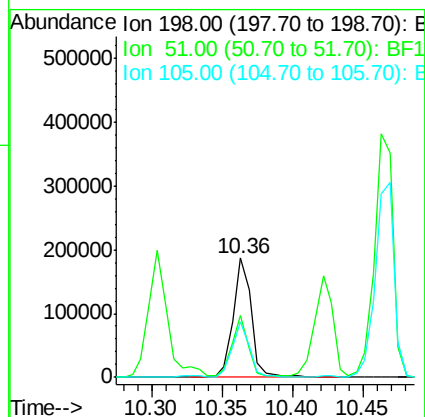
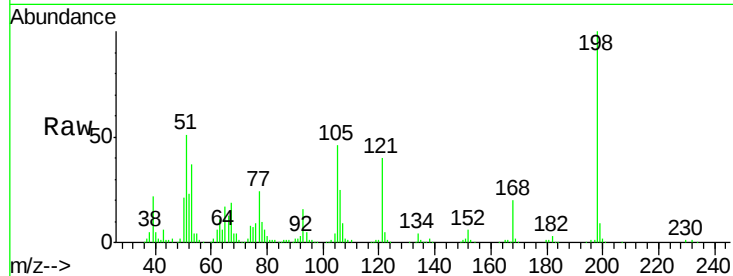




#65
4,6-Dinitro-2-methylphenol
Concen: 47.941 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF112999.D
Acq: 12 Mar 2019 13:27

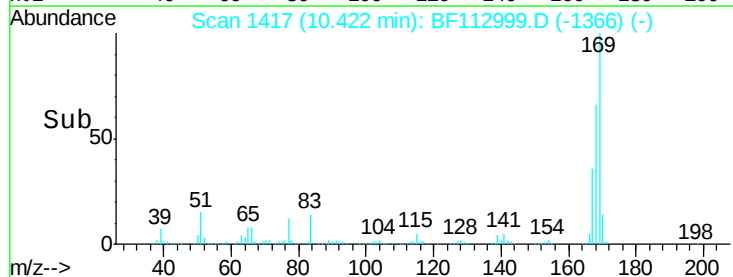
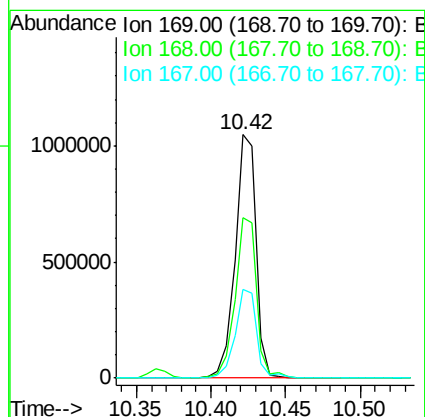
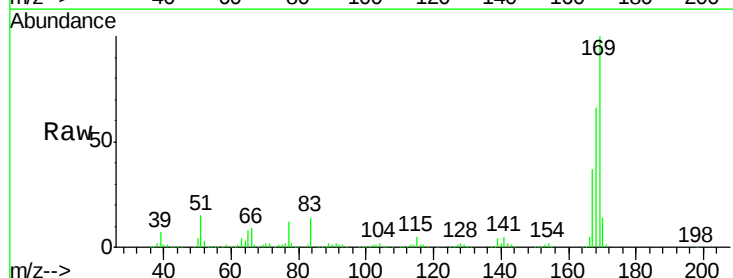
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

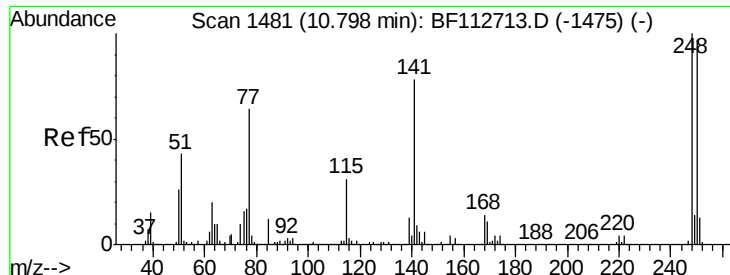
Tot Ion:198 Resp: 167414
Ion Ratio Lower Upper
198 100
51 51.3 43.8 83.8
105 46.2 36.5 76.5



#66
n-Nitrosodiphenylamine
Concen: 37.903 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF112999.D
Acq: 12 Mar 2019 13:27

Tgt Ion:169 Resp: 1033244
Ion Ratio Lower Upper
169 100
168 65.7 53.0 79.6
167 36.5 29.3 43.9

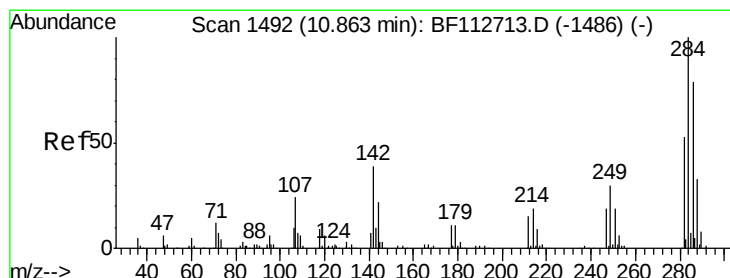
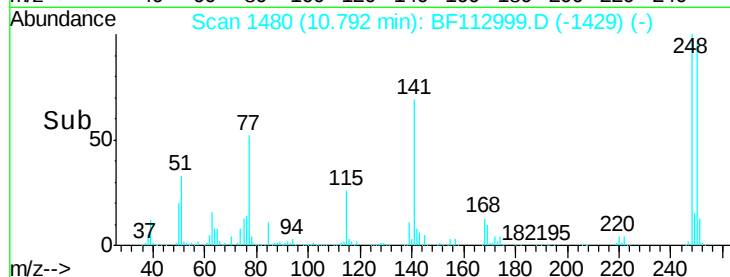
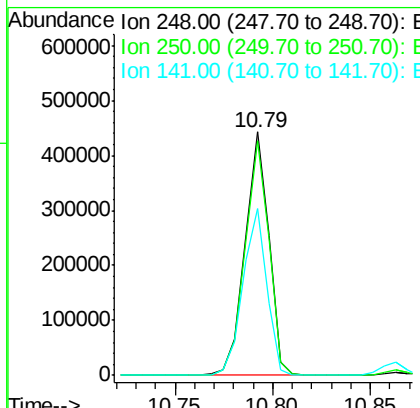
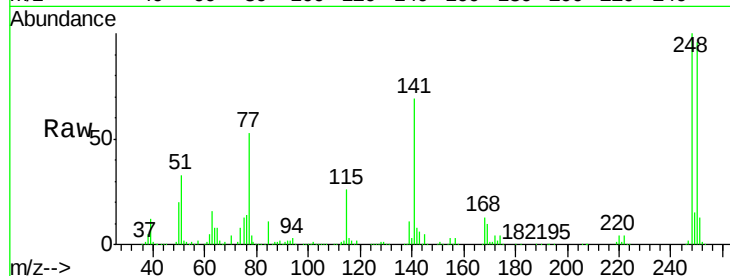




#67
 4-Bromophenyl-phenylether
 Concen: 41.941 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: BF112999.D
 Acq: 12 Mar 2019 13:27

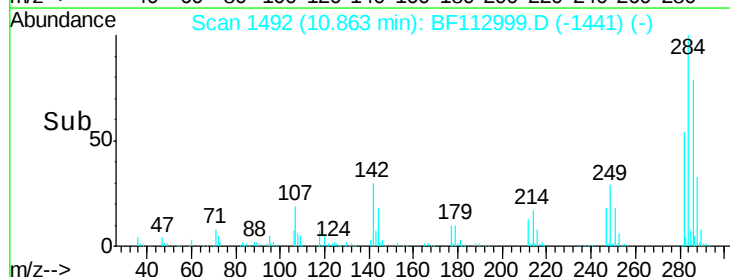
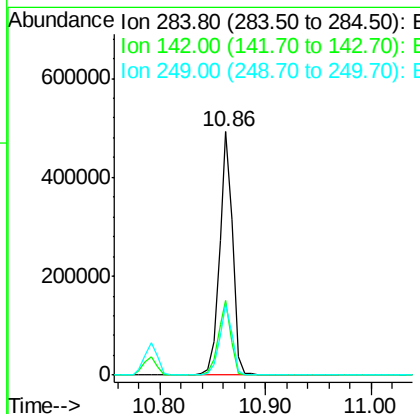
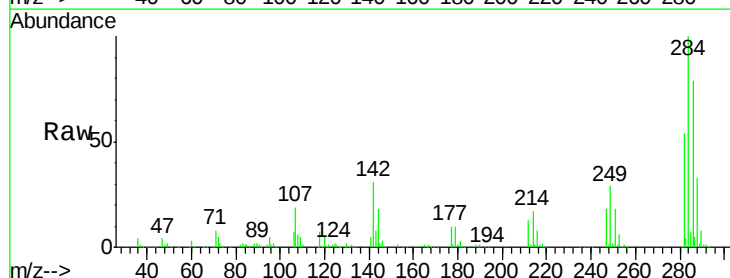
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

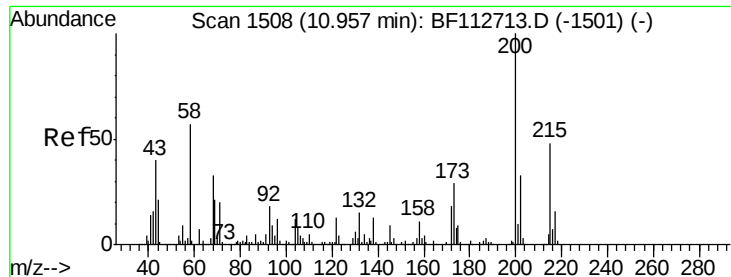
Tot Ion	Ratio	Lower	Upper
248	100		
250	96.4	77.5	116.3
141	68.6	62.4	93.6



#68
 Hexachlorobenzene
 Concen: 42.406 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: BF112999.D
 Acq: 12 Mar 2019 13:27

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.8	31.0	46.6#
249	29.3	23.6	35.4





#69

Atrazine

Concen: 38.976 ng

RT: 10.95 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BF112999.D

Acq: 12 Mar 2019 13:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

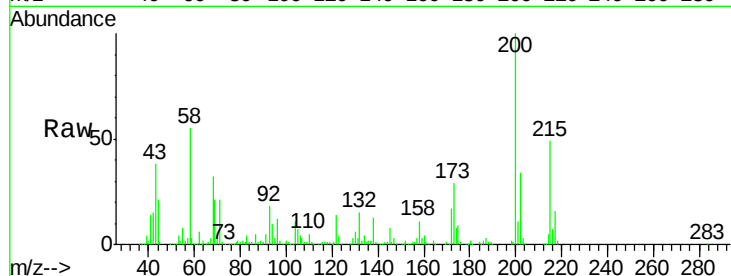
Tot Ion:200 Resp: 325404

Ion Ratio Lower Upper

200 100

173 29.0 9.1 49.1

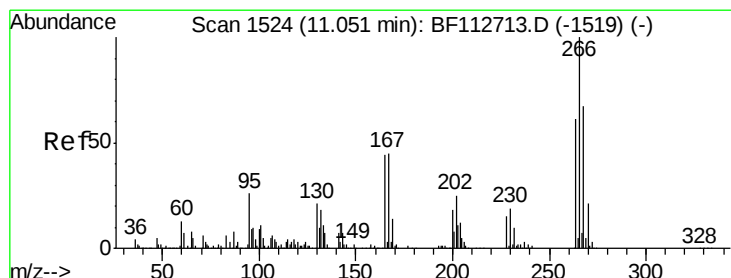
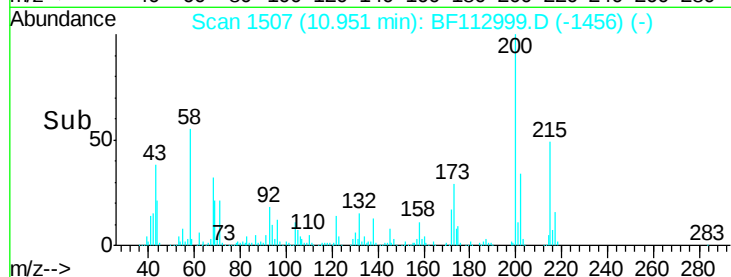
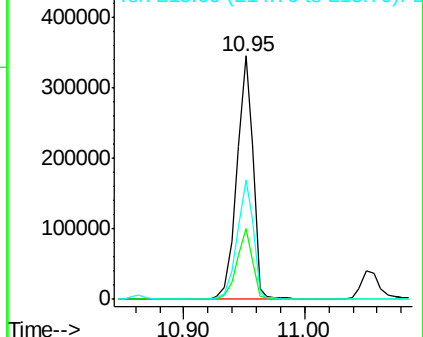
215 49.2 28.2 68.2



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: 44.033 ng

RT: 11.06 min Scan# 1525

Delta R.T. 0.00 min

Lab File: BF112999.D

Acq: 12 Mar 2019 13:27

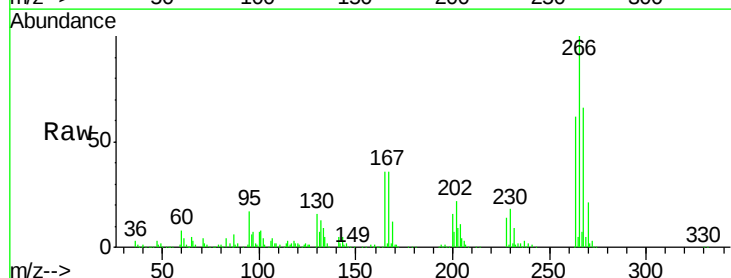
Tgt Ion:266 Resp: 261561

Ion Ratio Lower Upper

266 100

268 65.7 53.3 79.9

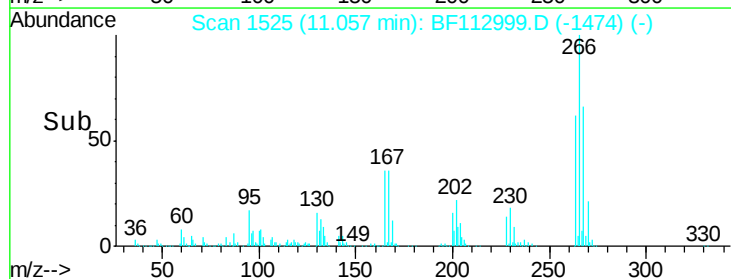
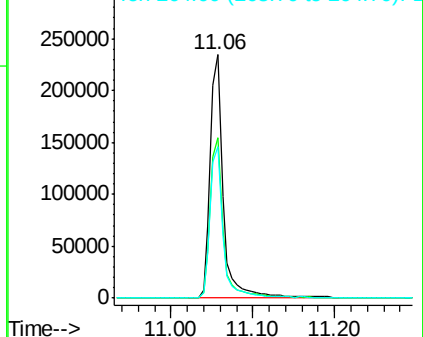
264 62.1 48.9 73.3

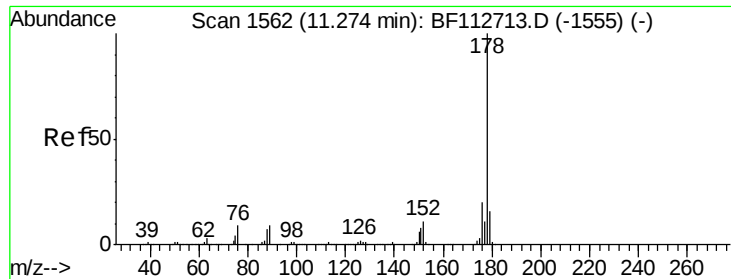


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

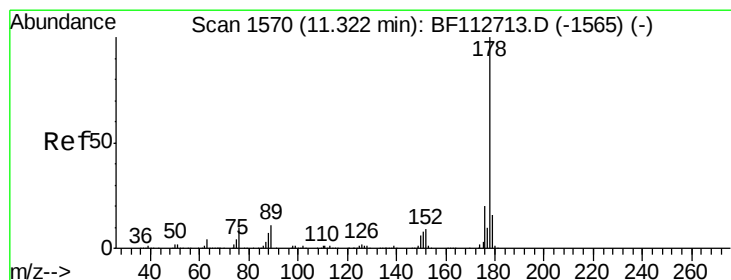
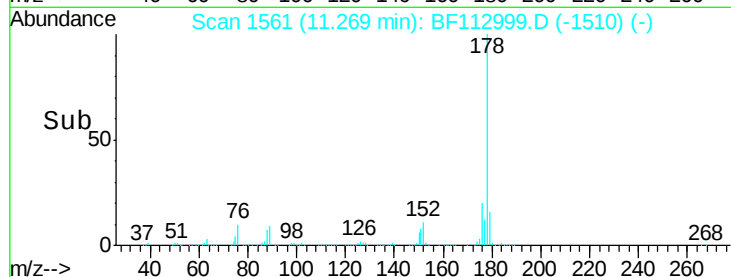
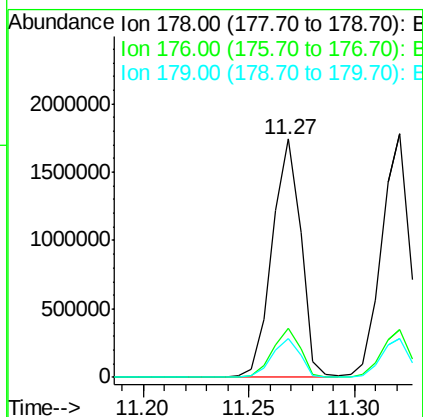
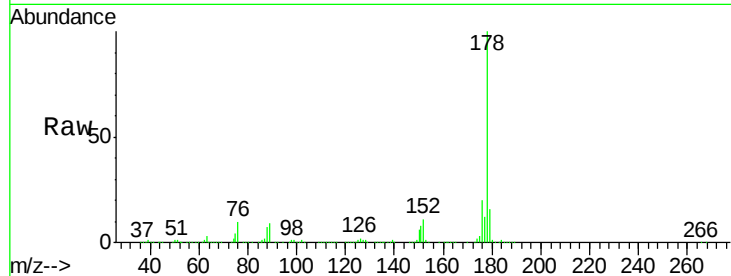




#71
Phenanthrene
Concen: 38.944 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.00 min
Lab File: BF112999.D
Acq: 12 Mar 2019 13:27

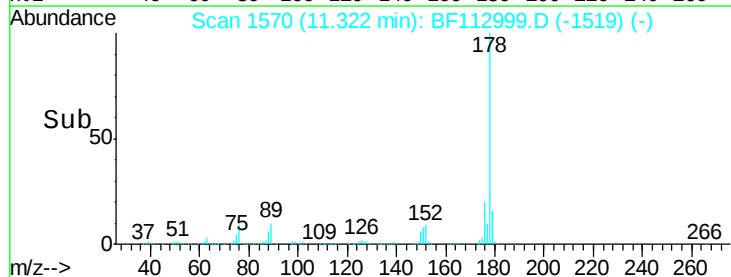
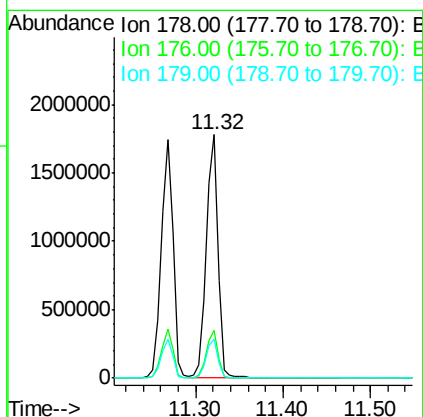
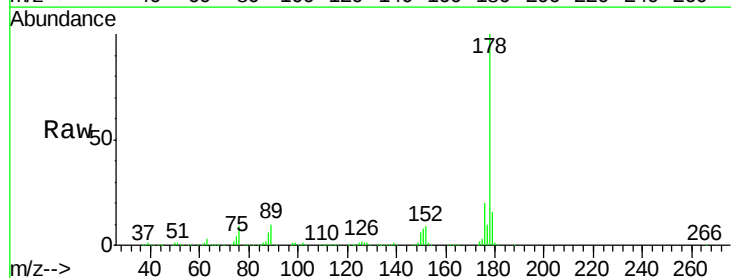
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:178 Resp: 1646962
Ion Ratio Lower Upper
178 100
176 20.4 16.3 24.5
179 16.1 12.7 19.1



#72
Anthracene
Concen: 37.885 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF112999.D
Acq: 12 Mar 2019 13:27

Tgt Ion:178 Resp: 1677115
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.6
179 16.0 13.0 19.6





#73

Carbazole

Concen: 36.795 ng

RT: 11.47 min Scan# 1596

Delta R.T. 0.00 min

Lab File: BF112999.D

Acq: 12 Mar 2019 13:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

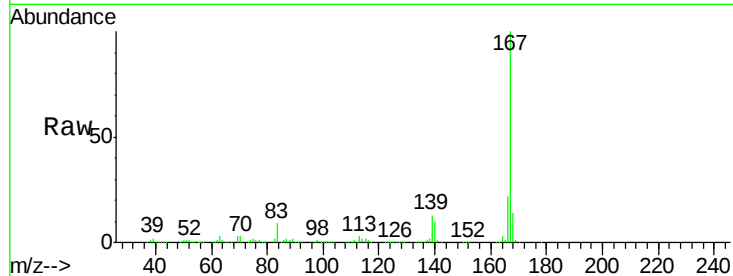
Tot Ion:167 Resp: 1588992

Ion Ratio Lower Upper

167 100

166 22.4 17.5 26.3

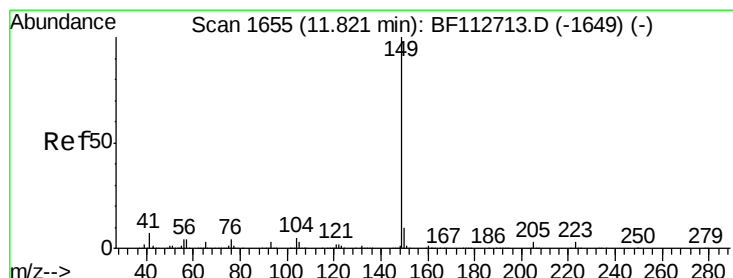
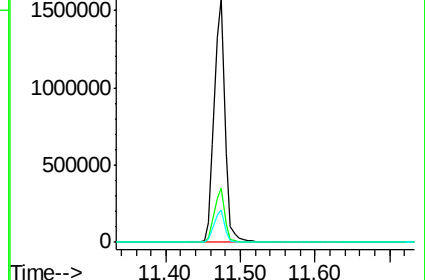
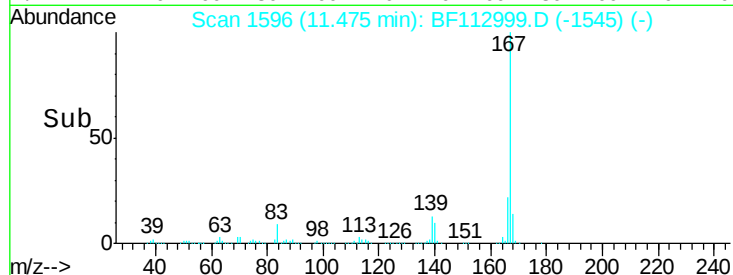
139 13.1 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 36.571 ng

RT: 11.81 min Scan# 1653

Delta R.T. 0.00 min

Lab File: BF112999.D

Acq: 12 Mar 2019 13:27

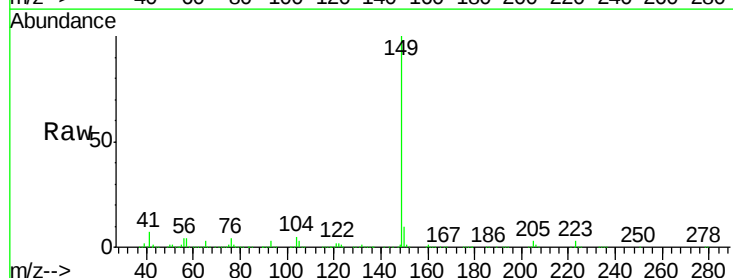
Tgt Ion:149 Resp: 1893673

Ion Ratio Lower Upper

149 100

150 9.8 7.6 11.4

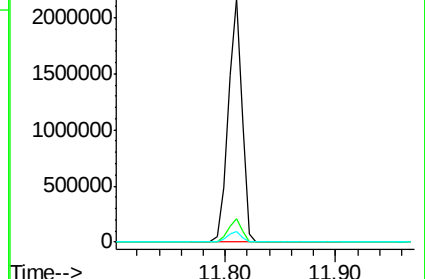
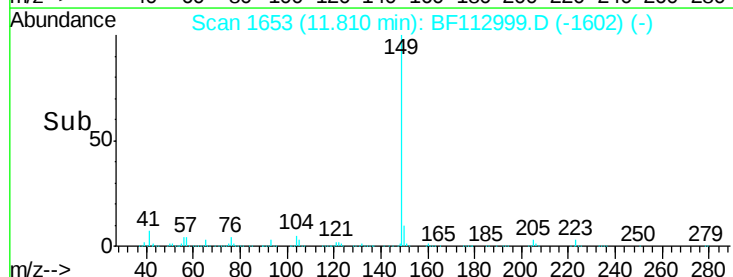
104 4.6 3.7 5.5

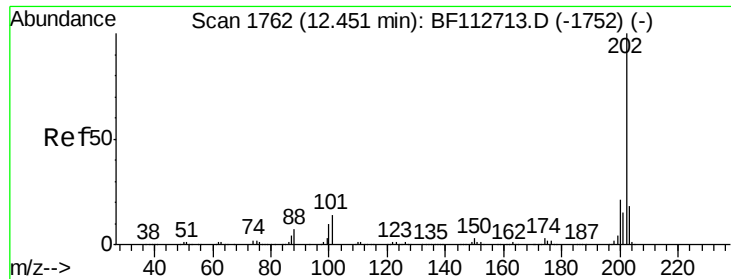


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 36.732 ng

RT: 12.45 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BF112999.D

Acq: 12 Mar 2019 13:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

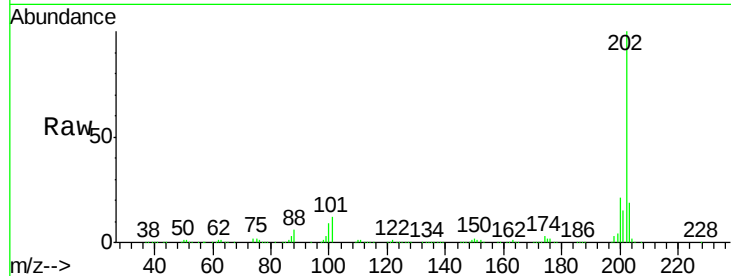
Tot Ion:202 Resp: 1664286

Ion Ratio Lower Upper

202 100

101 12.0 0.0 33.8

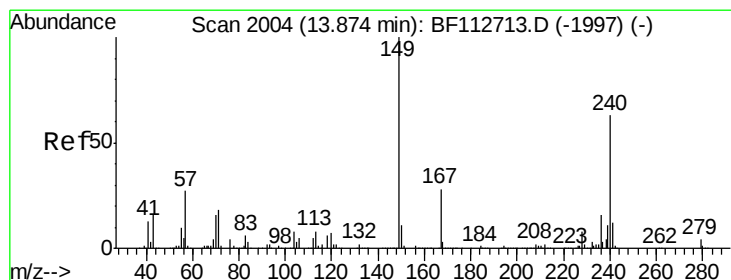
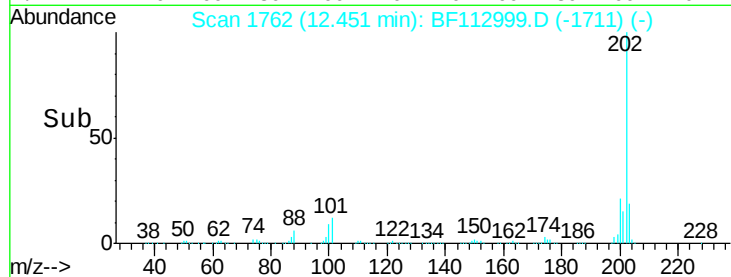
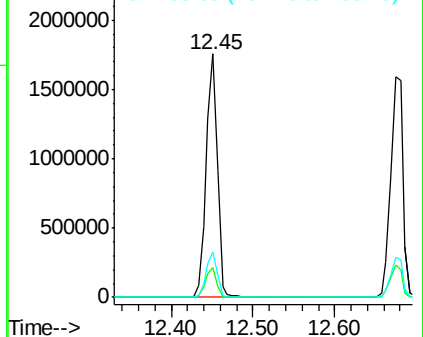
203 18.5 0.0 38.4



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: 13.87 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BF112999.D

Acq: 12 Mar 2019 13:27

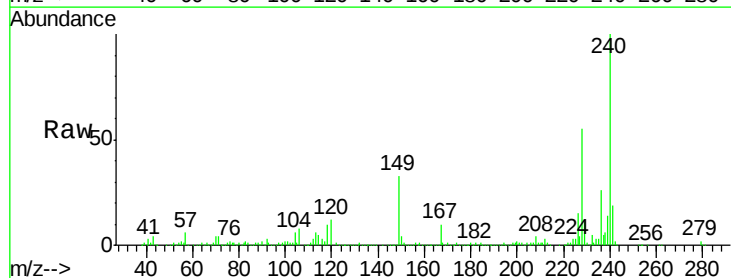
Tgt Ion:240 Resp: 478235

Ion Ratio Lower Upper

240 100

120 11.9 8.9 13.3

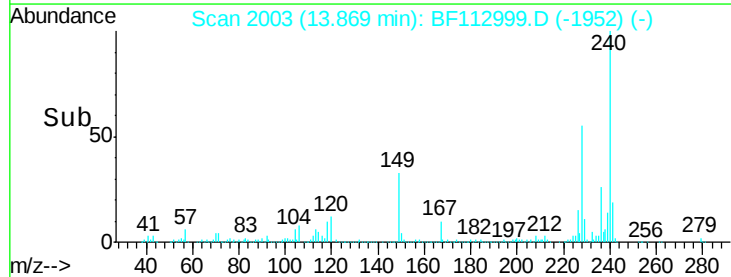
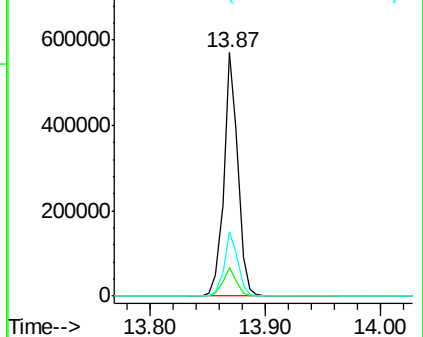
236 26.2 20.7 31.1

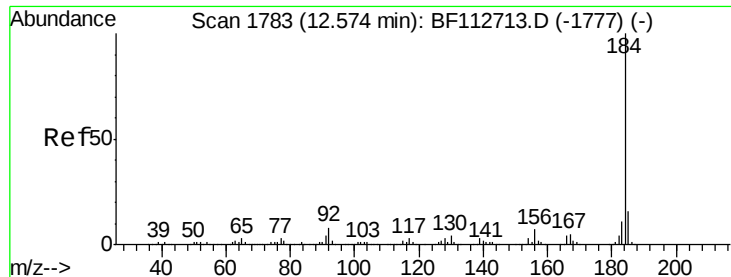


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.528 ng

RT: 12.57 min Scan# 1782

Delta R.T. 0.00 min

Lab File: BF112999.D

Acq: 12 Mar 2019 13:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

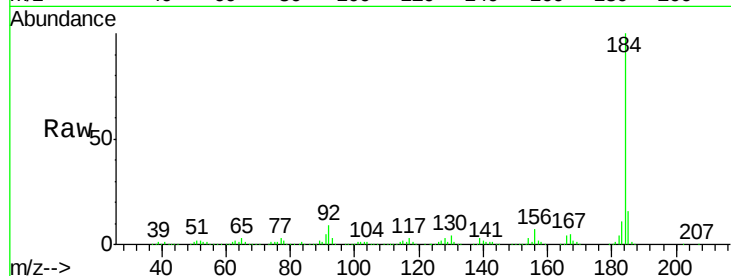
Tot Ion:184 Resp: 1005558

Ion Ratio Lower Upper

184 100

185 16.3 12.6 18.8

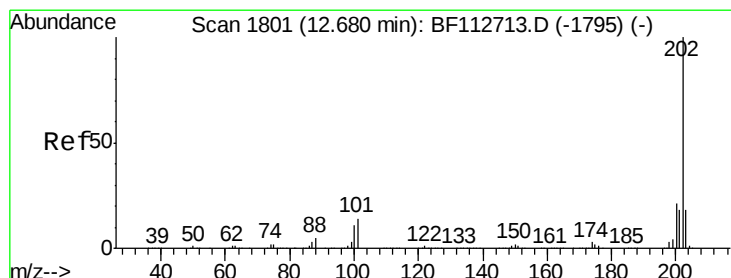
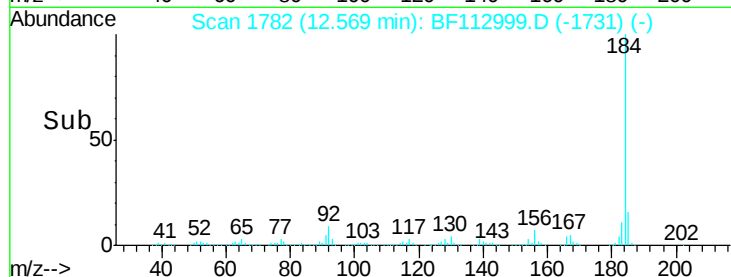
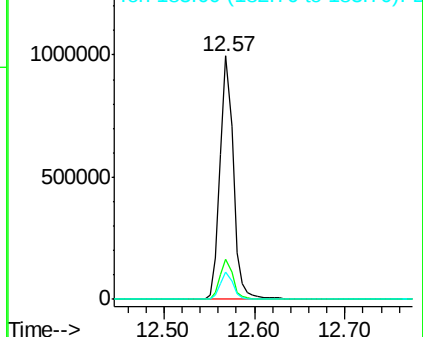
183 11.0 8.6 12.8



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: 41.629 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.00 min

Lab File: BF112999.D

Acq: 12 Mar 2019 13:27

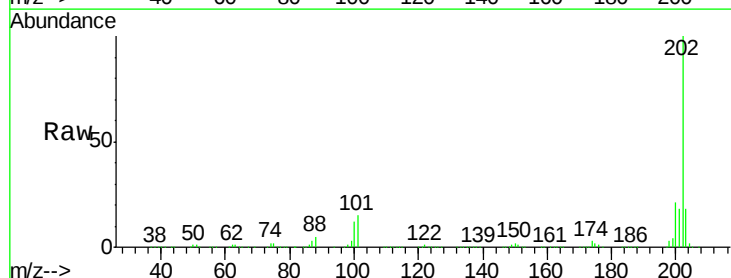
Tgt Ion:202 Resp: 1678332

Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.4

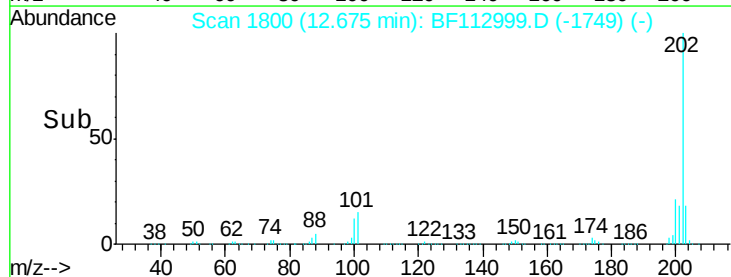
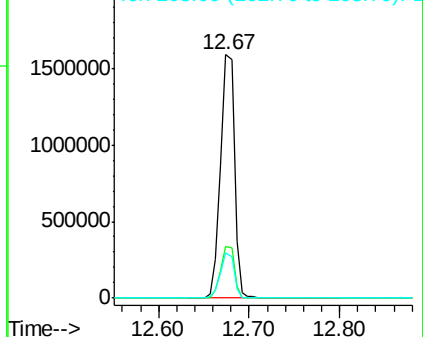
203 18.4 14.4 21.6

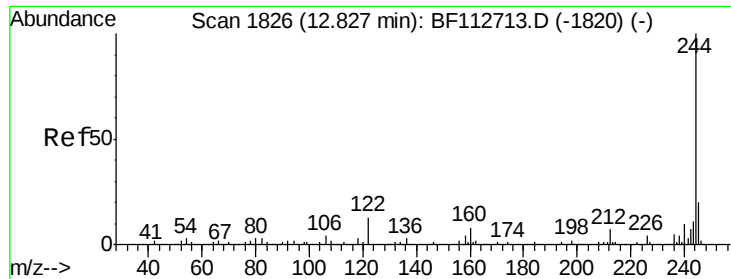


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

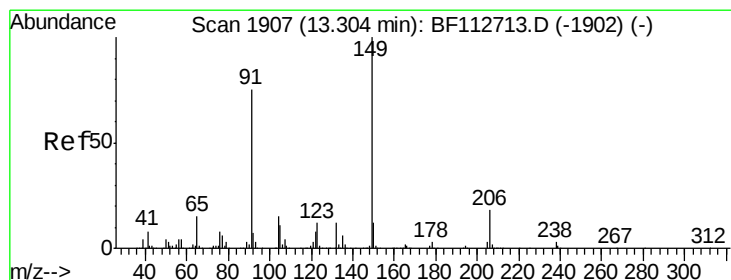
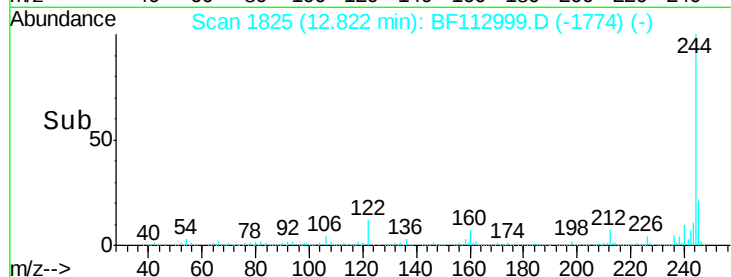
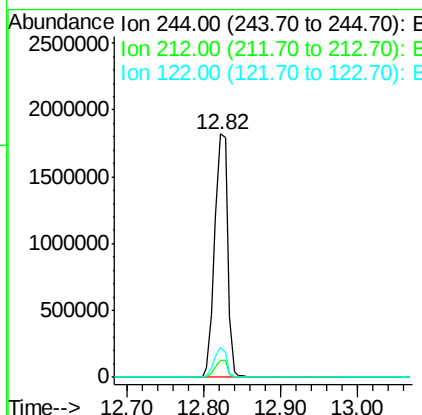
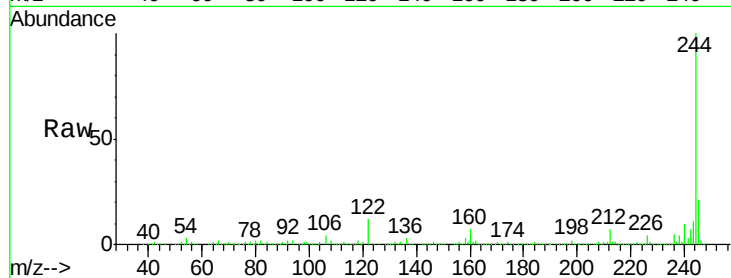




#79
 Terphenyl-d14
 Concen: 84.571 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: BF112999.D
 Acq: 12 Mar 2019 13:27

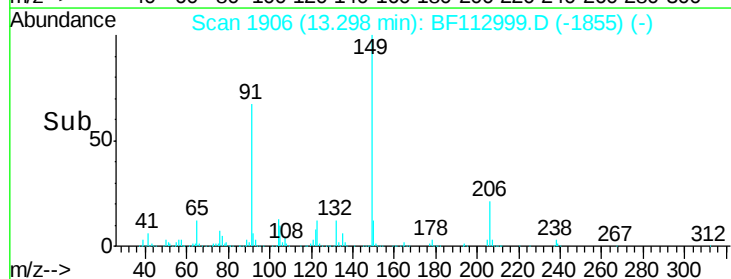
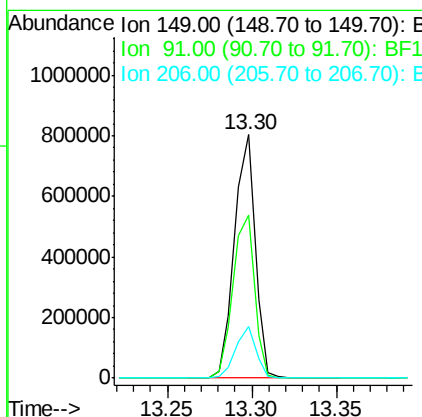
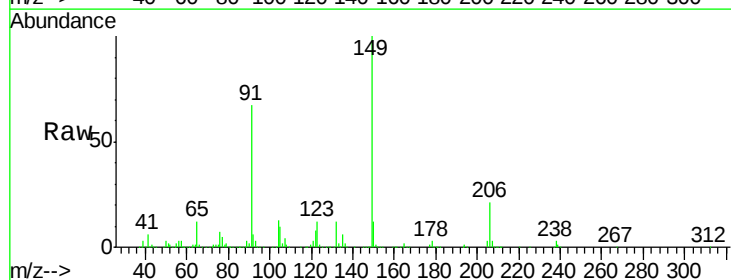
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

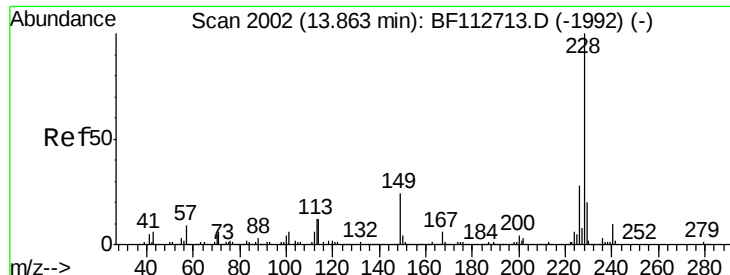
Tot Ion:244 Resp: 2086409
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 12.3 10.5 15.7



#80
 Butylbenzylphthalate
 Concen: 38.771 ng
 RT: 13.30 min Scan# 1906
 Delta R.T. 0.00 min
 Lab File: BF112999.D
 Acq: 12 Mar 2019 13:27

Tgt Ion:149 Resp: 689967
 Ion Ratio Lower Upper
 149 100
 91 66.9 59.9 89.9
 206 21.0 14.7 22.1





#81

Benzo(a)anthracene

Concen: 33.774 ng

RT: 13.86 min Scan# 2001

Delta R.T. 0.00 min

Lab File: BF112999.D

Acq: 12 Mar 2019 13:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

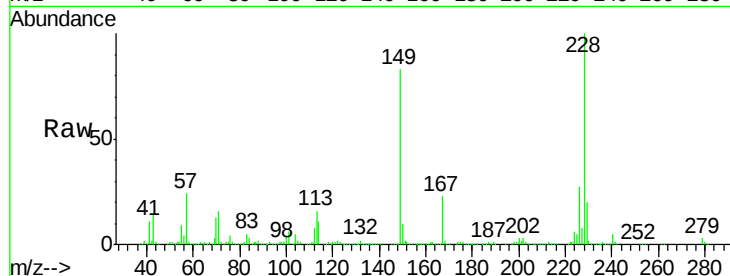
Tot Ion:228 Resp: 1119427

Ion Ratio Lower Upper

228 100

226 26.8 22.2 33.4

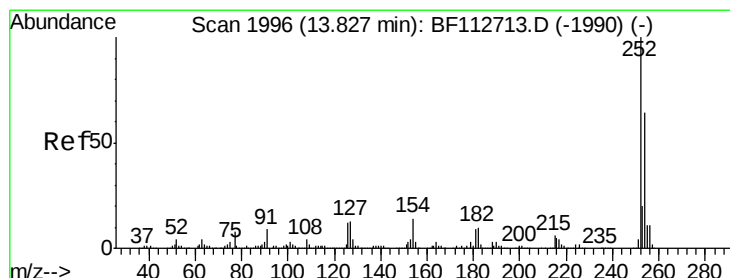
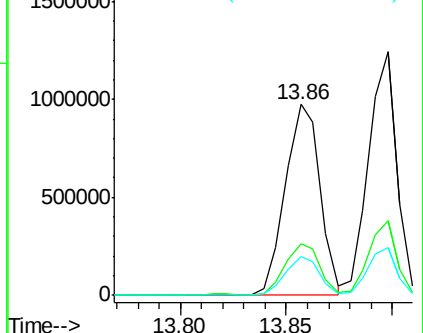
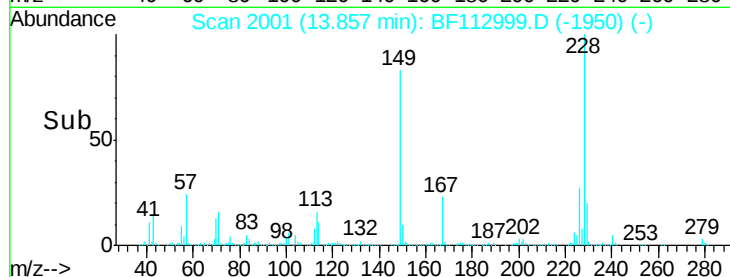
229 20.2 16.0 24.0



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: 35.743 ng

RT: 13.82 min Scan# 1995

Delta R.T. 0.00 min

Lab File: BF112999.D

Acq: 12 Mar 2019 13:27

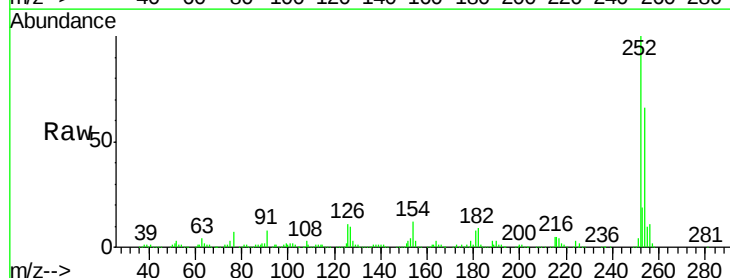
Tgt Ion:252 Resp: 448061

Ion Ratio Lower Upper

252 100

254 65.6 51.1 76.7

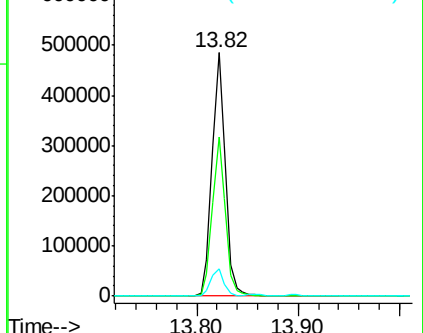
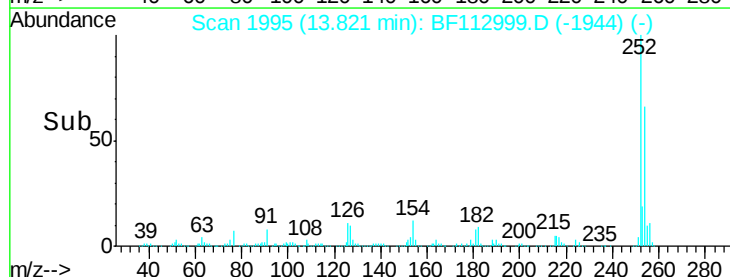
126 11.1 9.9 14.9

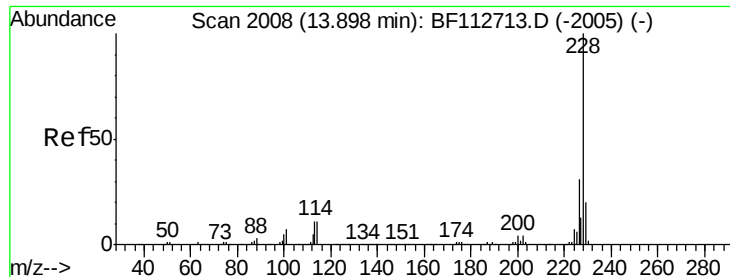


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



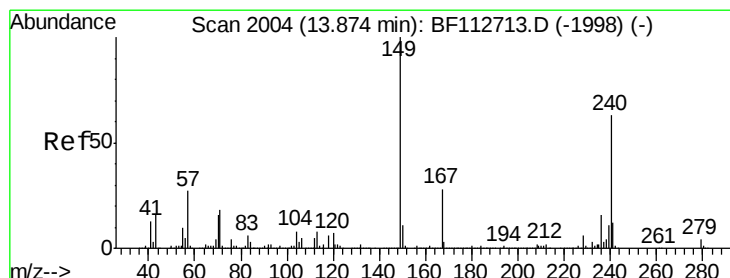
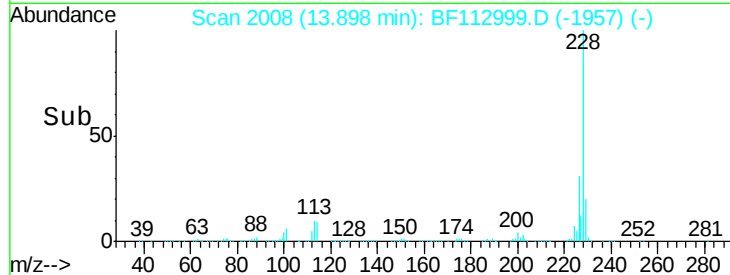
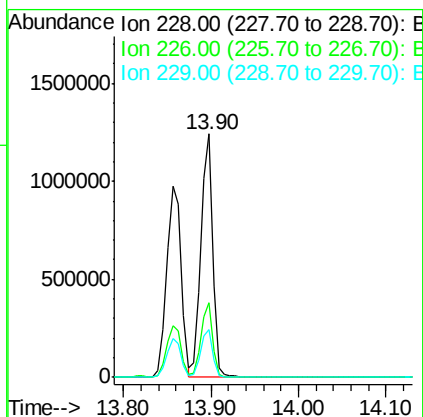
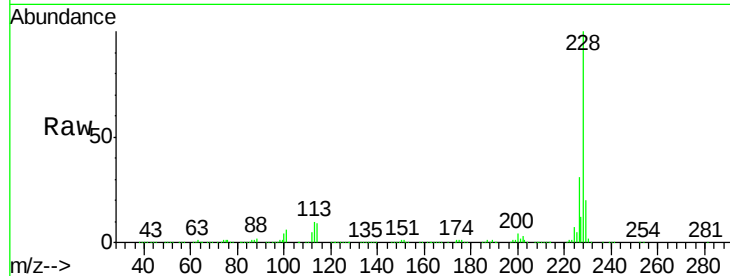


#83
 Chrysene
 Concen: 36.178 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. 0.00 min
 Lab File: BF112999.D
 Acq: 12 Mar 2019 13:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:228 Resp: 1174568

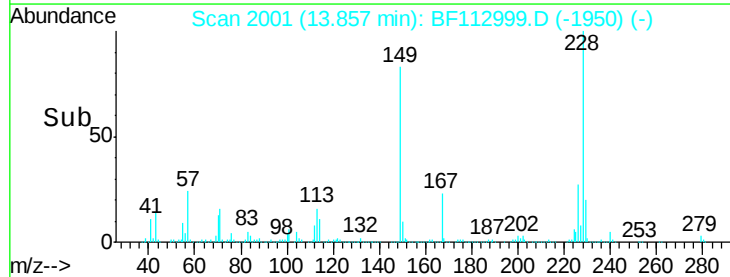
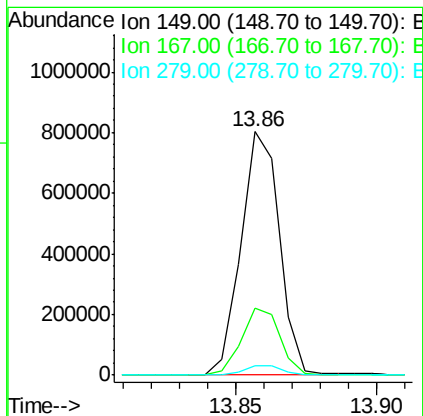
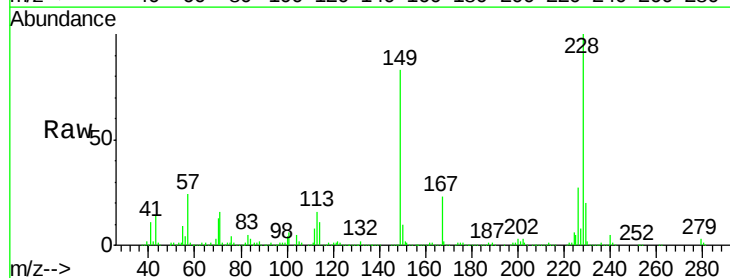
Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.9	37.3
229	19.8	16.3	24.5

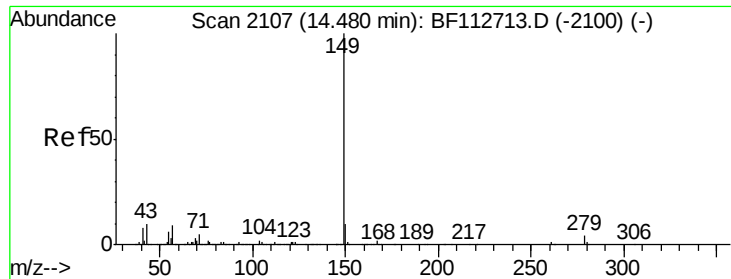


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 36.327 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.00 min
 Lab File: BF112999.D
 Acq: 12 Mar 2019 13:27

Tgt Ion:149 Resp: 758274

Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.4	33.6
279	3.6	3.3	4.9

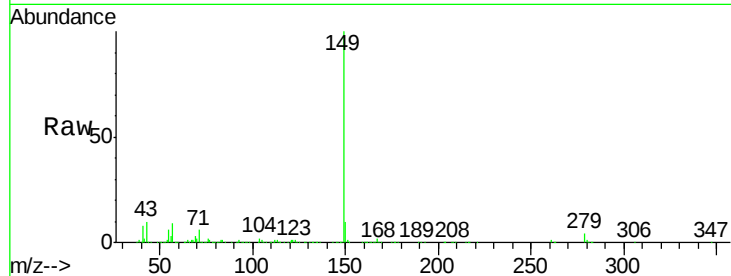




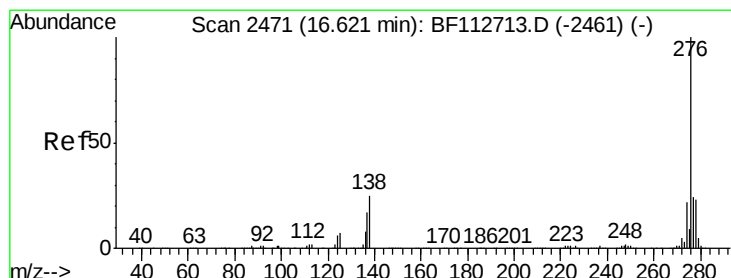
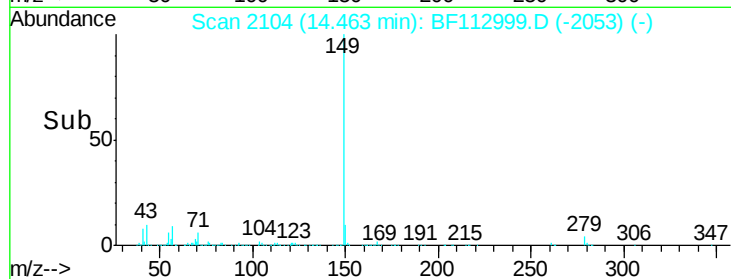
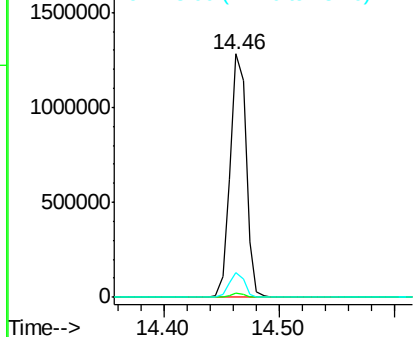
#85
Di-n-octyl phthalate
Concen: 34.516 ng
RT: 14.46 min Scan# 2104
Delta R.T. 0.00 min
Lab File: BF112999.D
Acq: 12 Mar 2019 13:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 1237153
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.6 9.0 13.4

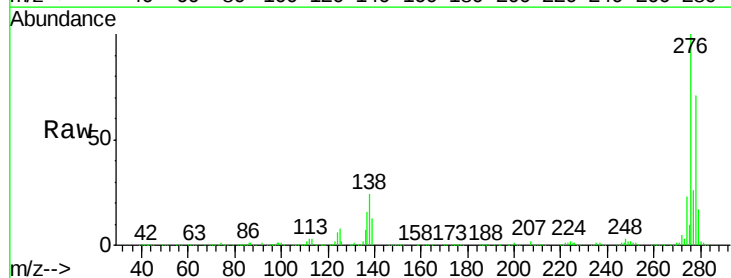


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

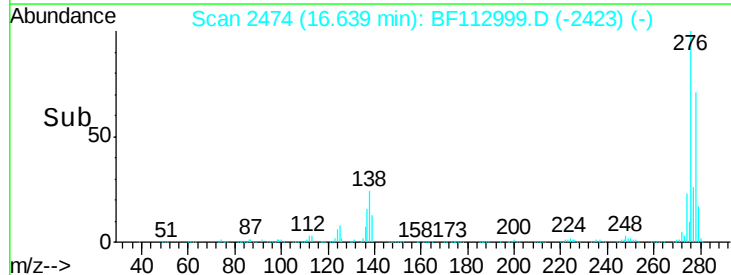
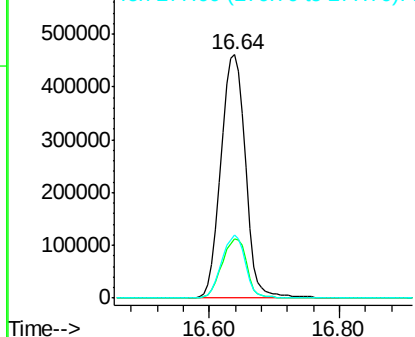


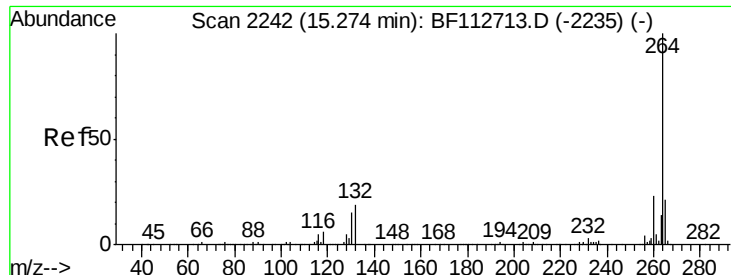
#86
Indeno(1,2,3-cd)pyrene
Concen: 43.726 ng
RT: 16.64 min Scan# 2474
Delta R.T. 0.00 min
Lab File: BF112999.D
Acq: 12 Mar 2019 13:27

Tgt Ion:276 Resp: 1210269
Ion Ratio Lower Upper
276 100
138 24.8 23.2 34.8
277 25.3 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

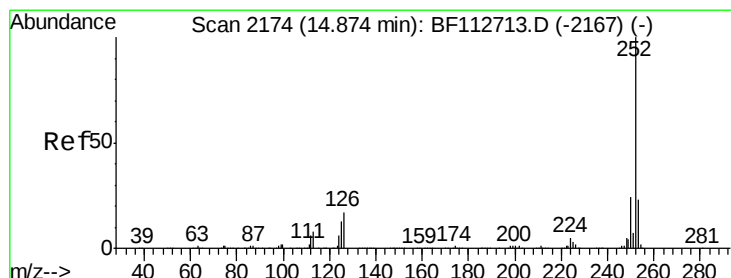
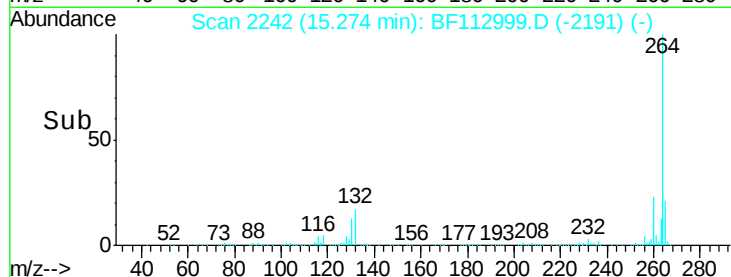
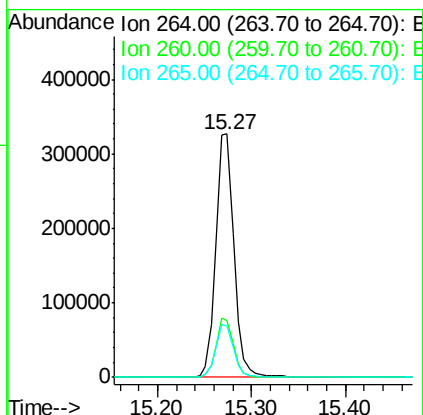
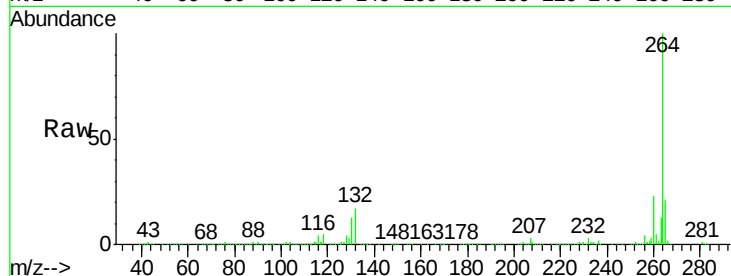




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.00 min
Lab File: BF112999.D
Acq: 12 Mar 2019 13:27

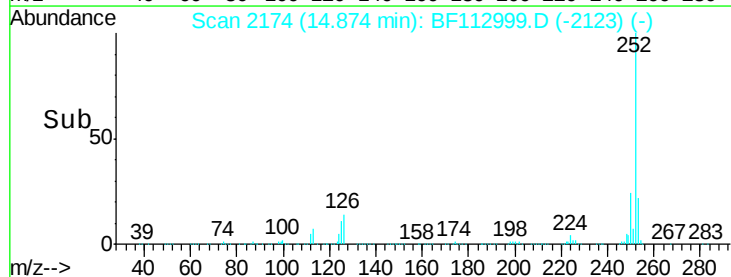
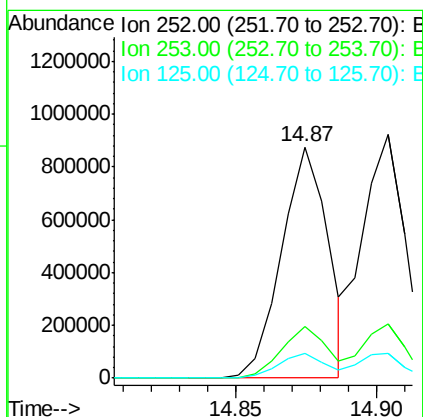
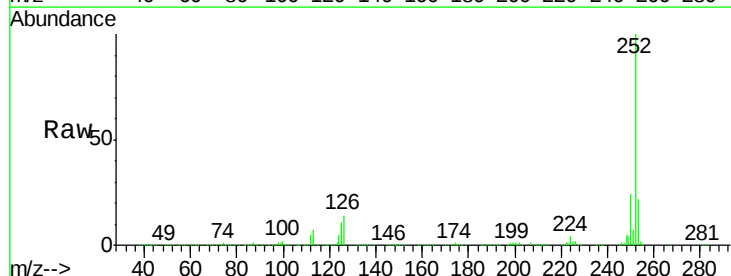
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

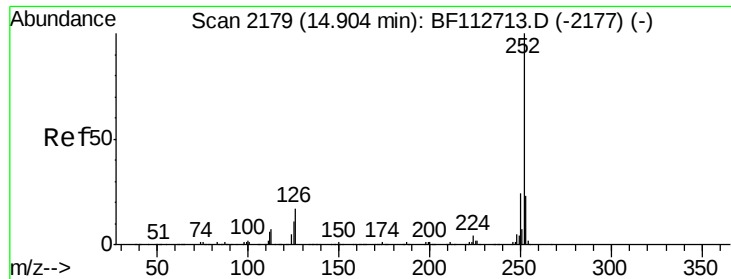
Tot Ion:264 Resp: 445966
Ion Ratio Lower Upper
264 100
260 23.1 18.7 28.1
265 21.4 17.2 25.8



#88
Benzo(b)fluoranthene
Concen: 34.798 ng
RT: 14.87 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BF112999.D
Acq: 12 Mar 2019 13:27

Tgt Ion:252 Resp: 1003784
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 10.6 10.2 15.2

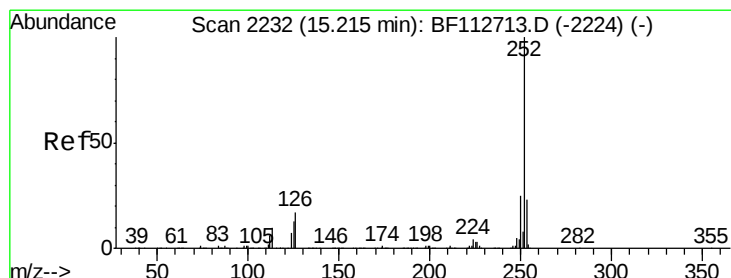
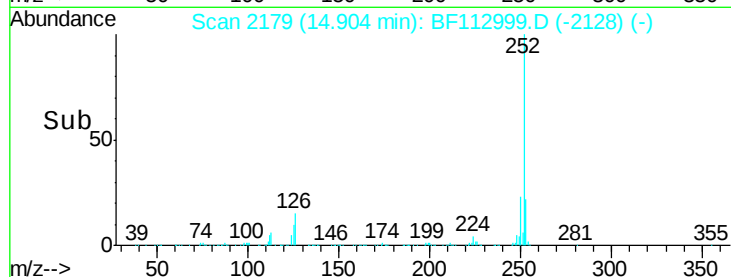
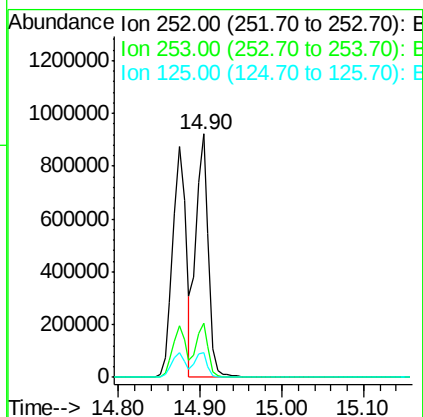
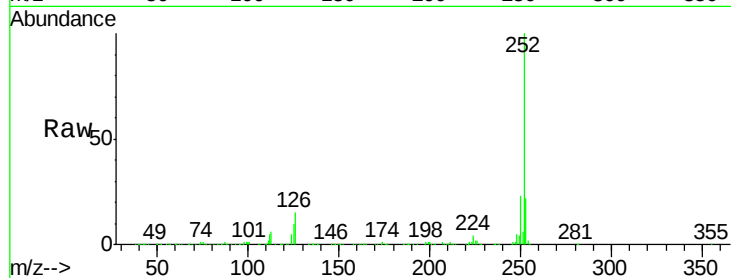




#89
Benzo(k)fluoranthene
Concen: 37.539 ng
RT: 14.90 min Scan# 2179
Delta R.T. 0.00 min
Lab File: BF112999.D
Acq: 12 Mar 2019 13:27

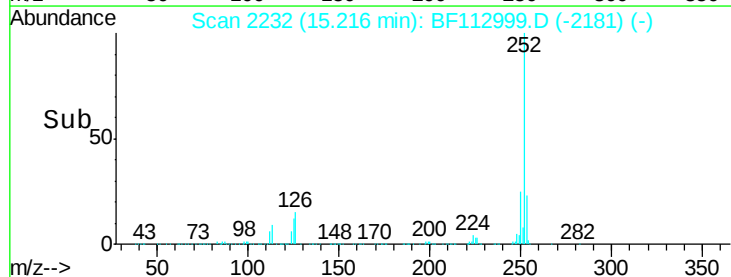
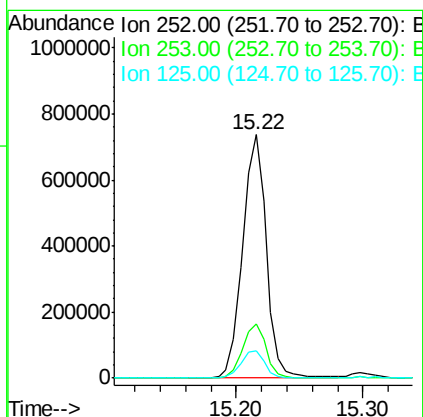
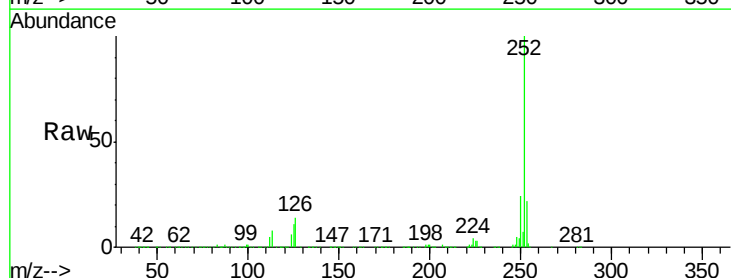
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

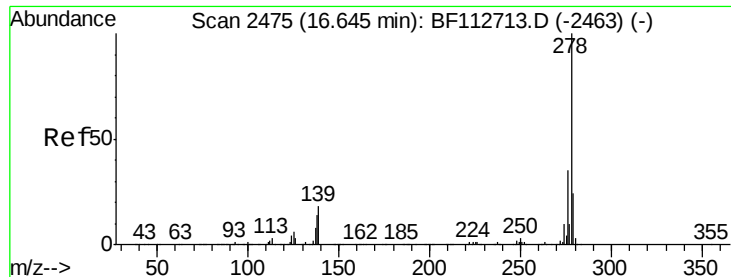
Tot Ion:252 Resp: 980847
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.2
125 10.2 9.8 14.6



#90
Benzo(a)pyrene
Concen: 37.401 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BF112999.D
Acq: 12 Mar 2019 13:27

Tgt Ion:252 Resp: 954297
Ion Ratio Lower Upper
252 100
253 22.5 18.0 27.0
125 11.2 10.7 16.1

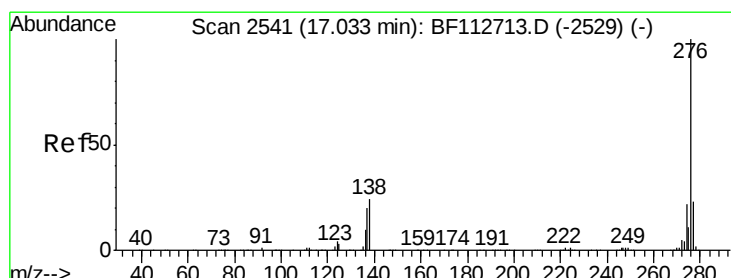
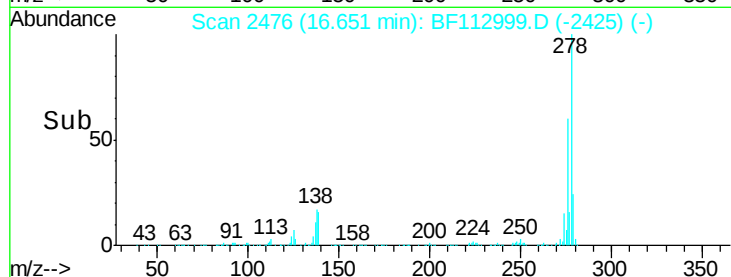
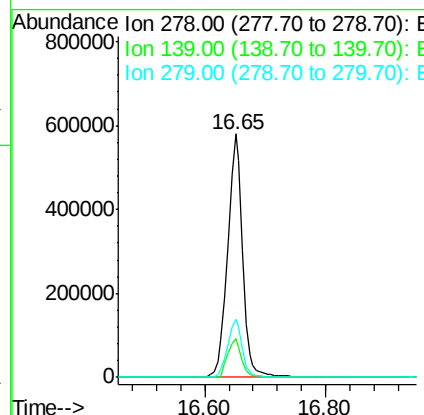
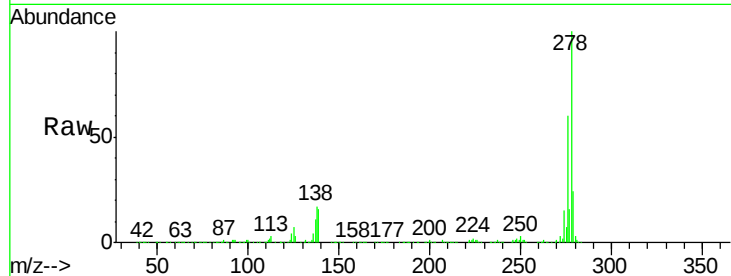




#91
Dibenzo(a,h)anthracene
Concen: 45.952 ng
RT: 16.65 min Scan# 2476
Delta R.T. 0.00 min
Lab File: BF112999.D
Acq: 12 Mar 2019 13:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:278 Resp: 1000489
Ion Ratio Lower Upper
278 100
139 15.9 14.3 21.5
279 24.0 19.4 29.0



#92
Benzo(g,h,i)perylene
Concen: 46.305 ng
RT: 17.04 min Scan# 2543
Delta R.T. 0.00 min
Lab File: BF112999.D
Acq: 12 Mar 2019 13:27

Tgt Ion:276 Resp: 1012340
Ion Ratio Lower Upper
276 100
277 24.1 18.6 27.8
138 22.1 19.4 29.0

