

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022719\
 Data File : BF112713.D
 Acq On : 27 Feb 2019 11:43
 Operator : JU/SJ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Quant Time: Feb 27 15:48:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 27 15:34:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	210256	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	841579	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	386144	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	747923	20.00	ng	0.00
76) Chrysene-d12	13.87	240	487537	20.00	ng	0.00
87) Perylene-d12	15.27	264	456548	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	1065821	107.67	ng	0.00
7) Phenol-d6	6.37	99	1332214	96.85	ng	0.00
23) Nitrobenzene-d5	7.30	82	1138557	77.95	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	333385	74.17	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1918674	70.28	ng	0.00
79) Terphenyl-d14	12.83	244	1973373	76.24	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	270478	68.592	ng	100
3) Pyridine	3.13	79	721587	71.938	ng	100
4) n-Nitrosodimethylamine	3.06	42	323905	76.860	ng	100
6) Aniline	6.40	93	940390	57.473	ng	100
8) 2-Chlorophenol	6.52	128	596631	44.804	ng	100
9) Benzaldehyde	6.29	77	485274	67.499	ng	100
10) Phenol	6.39	94	800923	53.074	ng	100
11) bis(2-Chloroethyl)ether	6.47	93	602493	50.712	ng	100
12) 1,3-Dichlorobenzene	6.68	146	611501	39.431	ng	100
13) 1,4-Dichlorobenzene	6.76	146	614662	38.511	ng	100
14) 1,2-Dichlorobenzene	6.92	146	554209	37.087	ng	100
15) Benzyl Alcohol	6.88	79	520416	44.883	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1006667	65.993	ng	100
17) 2-Methylphenol	6.99	107	480204	45.490	ng	100
18) Hexachloroethane	7.26	117	237444	42.365	ng	100
19) n-Nitroso-di-n-propylamine	7.16	70	421343	44.424	ng	100
20) 3+4-Methylphenols	7.15	107	532486	39.447	ng	100
22) Acetophenone	7.15	105	788247	38.465	ng	100
24) Nitrobenzene	7.32	77	631300	43.279	ng	100
25) Isophorone	7.56	82	1181168	51.549	ng	100
26) 2-Nitrophenol	7.64	139	276732	35.499	ng	100
27) 2,4-Dimethylphenol	7.68	122	474234	44.155	ng	100
28) bis(2-Chloroethoxy)methane	7.77	93	739979	47.429	ng	100
29) 2,4-Dichlorophenol	7.87	162	471265	39.209	ng	100
30) 1,2,4-Trichlorobenzene	7.96	180	494241	35.774	ng	100
31) Naphthalene	8.05	128	1621723	41.207	ng	100
32) Benzoic acid	7.79	122	341359	55.719	ng	100
33) 4-Chloroaniline	8.09	127	700372	40.870	ng	100
34) Hexachlorobutadiene	8.17	225	281327	34.701	ng	100
35) Caprolactam	8.46	113	166599	39.292	ng	100
36) 4-Chloro-3-methylphenol	8.57	107	517636	40.683	ng	100
37) 2-Methylnaphthalene	8.73	142	1054989	39.157	ng	100
38) 1-Methylnaphthalene	8.83	142	1017291	39.394	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	446520	35.219	ng	100

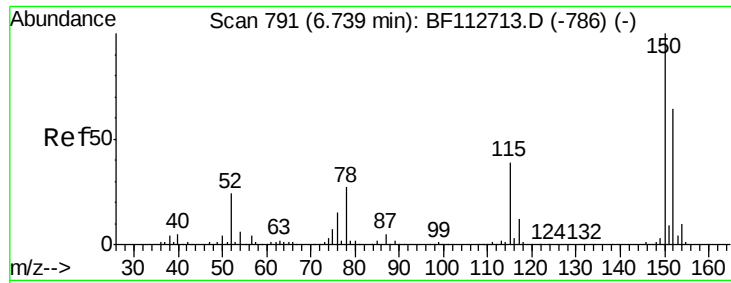
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022719\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.90	237	251633	66.856	ng	100
43) 2,4,6-Trichlorophenol	9.01	196	316222	40.463	ng	100
44) 2,4,5-Trichlorophenol	9.05	196	341277	41.783	ng	100
46) 1,1'-Biphenyl	9.20	154	1279852	37.912	ng	100
47) 2-Chloronaphthalene	9.22	162	965599	36.885	ng	100
48) 2-Nitroaniline	9.31	65	320243	44.882	ng	100
49) Acenaphthylene	9.63	152	1636795	42.659	ng	100
50) Dimethylphthalate	9.50	163	1123703	37.455	ng	100
51) 2,6-Dinitrotoluene	9.55	165	252700	37.609	ng	100
52) Acenaphthene	9.80	154	966223	42.154	ng	100
53) 3-Nitroaniline	9.72	138	305657	41.989	ng	100
54) 2,4-Dinitrophenol	9.82	184	86297	40.020	ng	100
55) Dibenzofuran	9.97	168	1381225	39.433	ng	100
56) 4-Nitrophenol	9.87	139	255166	66.302	ng	100
57) 2,4-Dinitrotoluene	9.95	165	318554	37.240	ng	100
58) Fluorene	10.32	166	981384	37.441	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.09	232	285363	46.232	ng	100
60) Diethylphthalate	10.20	149	1178365	39.578	ng	100
61) 4-Chlorophenyl-phenylether	10.31	204	457648	32.097	ng	100
62) 4-Nitroaniline	10.33	138	274622	38.462	ng	100
63) Azobenzene	10.47	77	1216539	46.460	ng	100
65) 4,6-Dinitro-2-methylphenol	10.36	198	119740	28.555	ng	100
66) n-Nitrosodiphenylamine	10.43	169	958571	38.028	ng	100
67) 4-Bromophenyl-phenylether	10.80	248	313928	35.687	ng	100
68) Hexachlorobenzene	10.86	284	353734	37.481	ng	100
69) Atrazine	10.96	200	292017	35.903	ng	100
70) Pentachlorophenol	11.05	266	219684	59.822	ng	100
71) Phenanthrene	11.27	178	1512466	38.897	ng	100
72) Anthracene	11.32	178	1536388	39.666	ng	100
73) Carbazole	11.47	167	1486448	38.905	ng	100
74) Di-n-butylphthalate	11.82	149	1778444	37.501	ng	100
75) Fluoranthene	12.45	202	1627574	39.026	ng	100
77) Benzidine	12.57	184	1034630	77.104	ng	100
78) Pyrene	12.68	202	1657213	49.096	ng	100
80) Butylbenzylphthalate	13.30	149	748343	45.824	ng	100
81) Benzo(a)anthracene	13.86	228	1367106	47.701	ng	100
82) 3,3'-Dichlorobenzidine	13.83	252	531496	49.553	ng	100
83) Chrysene	13.90	228	1322904	48.356	ng	100
84) Bis(2-ethylhexyl)phthalate	13.87	149	856358	36.942	ng	100
85) Di-n-octyl phthalate	14.48	149	1468198	41.166	ng	100
86) Indeno(1,2,3-cd)pyrene	16.62	276	1061169	48.953	ng	100
88) Benzo(b)fluoranthene	14.87	252	1263092	46.261	ng	100
89) Benzo(k)fluoranthene	14.90	252	1008849	38.575	ng	100
90) Benzo(a)pyrene	15.22	252	1053983	42.901	ng	100
91) Dibenzo(a,h)anthracene	16.64	278	859356	43.401	ng	100
92) Benzo(g,h,i)perylene	17.03	276	868557	46.495	ng	100

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

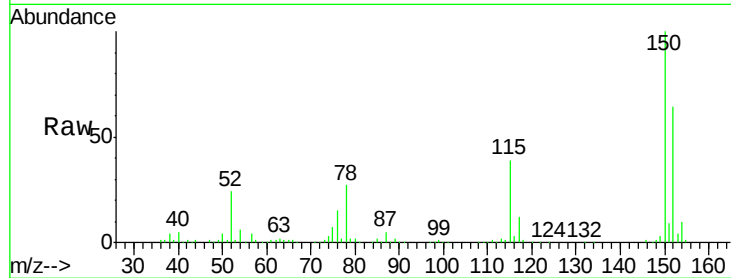


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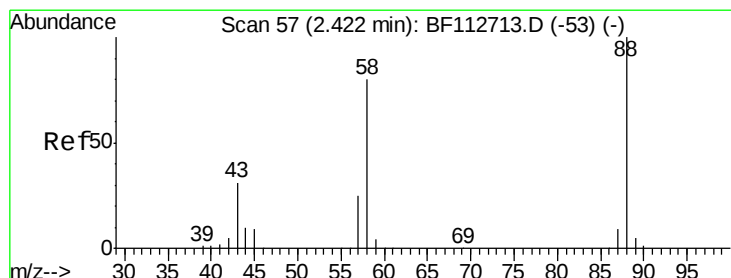
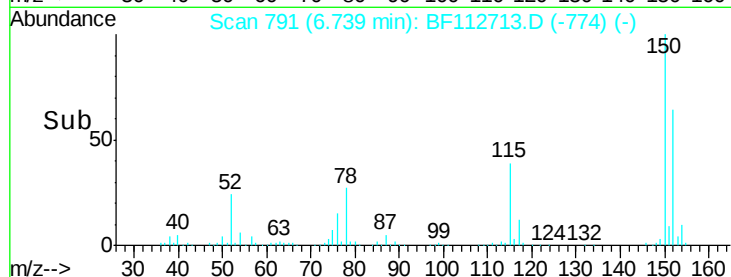
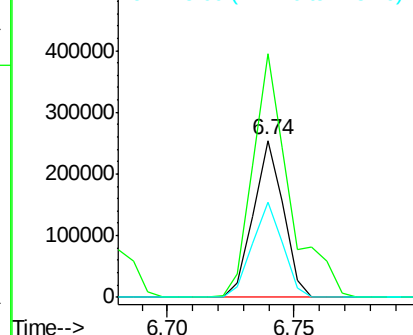
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF112713.D
Acq: 27 Feb 2019 11:43

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 152 Resp: 210256
Ion Ratio Lower Upper
152 100
150 155.2 124.2 186.2
115 60.3 48.2 72.4



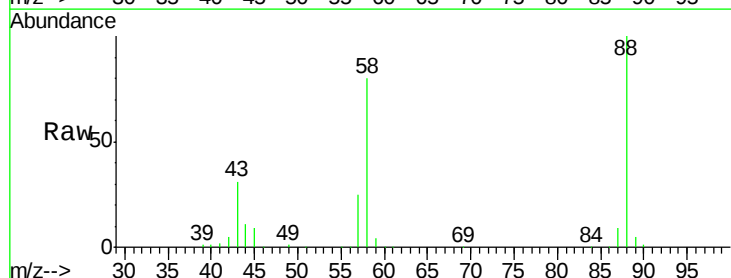
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



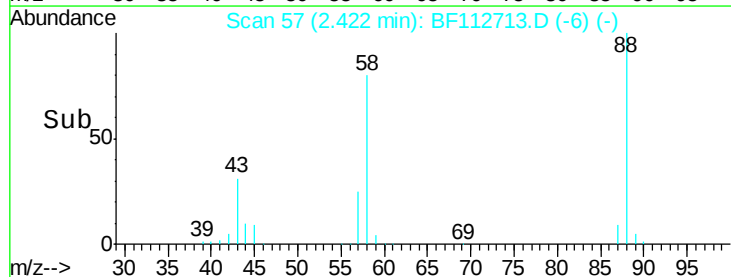
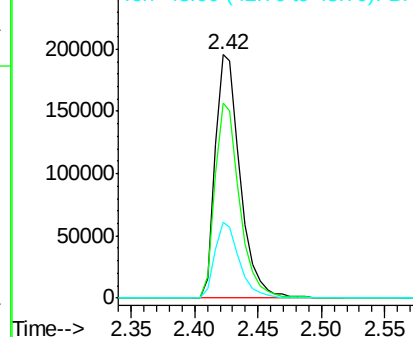
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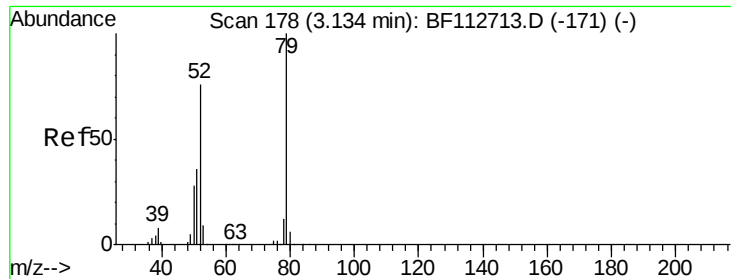
1,4-Dioxane
Concen: 68.592 ng
RT: 2.42 min Scan# 57
Delta R.T. 0.00 min
Lab File: BF112713.D
Acq: 27 Feb 2019 11:43

Tgt Ion: 88 Resp: 270478
Ion Ratio Lower Upper
88 100
58 78.9 63.1 94.7
43 30.4 24.3 36.5



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 71.938 ng

RT: 3.13 min Scan# 178

Delta R.T. 0.00 min

Lab File: BF112713.D

Acq: 27 Feb 2019 11:43

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

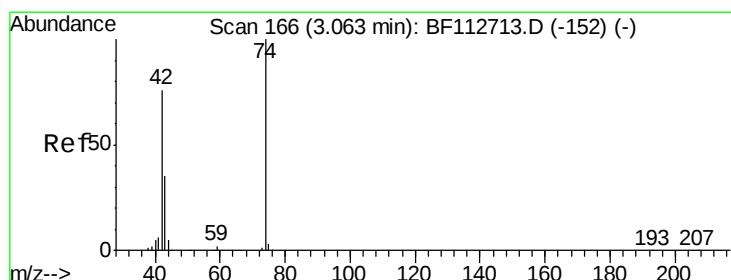
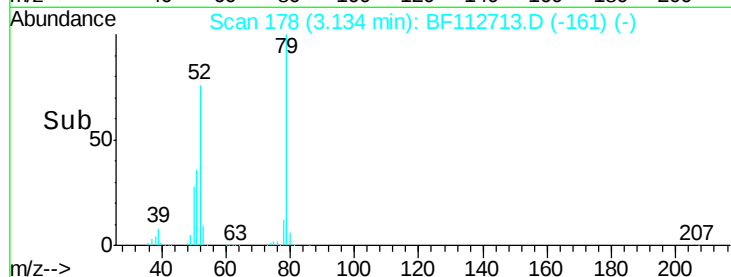
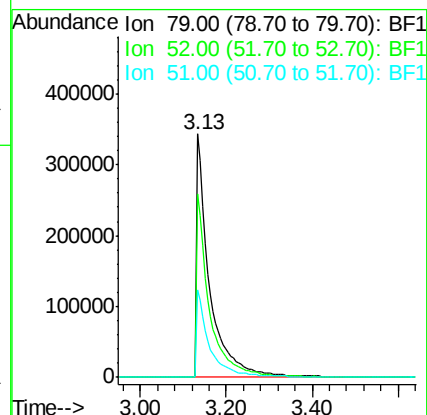
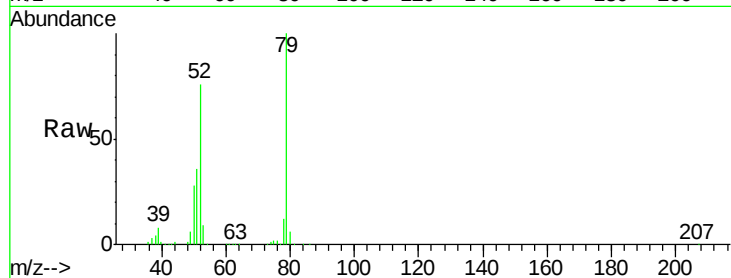
Tgt Ion: 79 Resp: 721587

Ion Ratio Lower Upper

79 100

52 75.6 60.5 90.7

51 36.0 28.8 43.2



#4

n-Nitrosodimethylamine

Concen: 76.860 ng

RT: 3.06 min Scan# 166

Delta R.T. 0.00 min

Lab File: BF112713.D

Acq: 27 Feb 2019 11:43

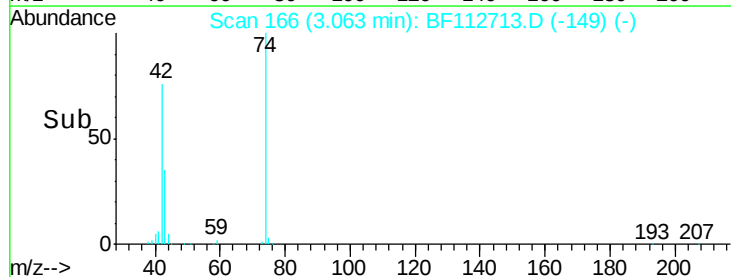
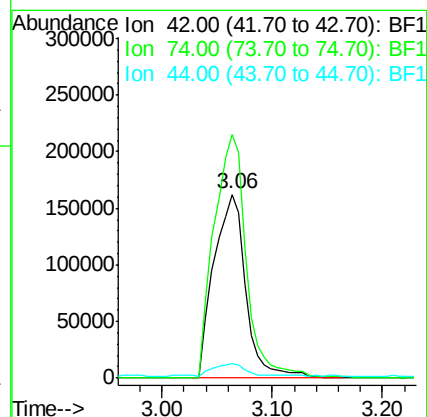
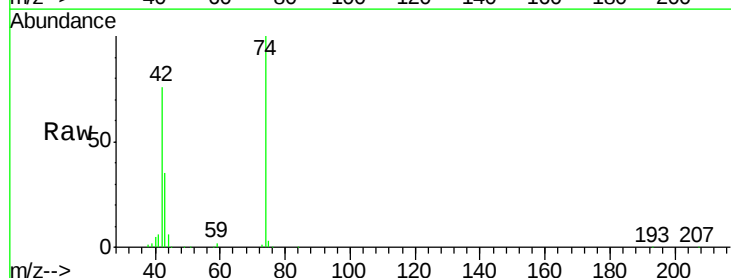
Tgt Ion: 42 Resp: 323905

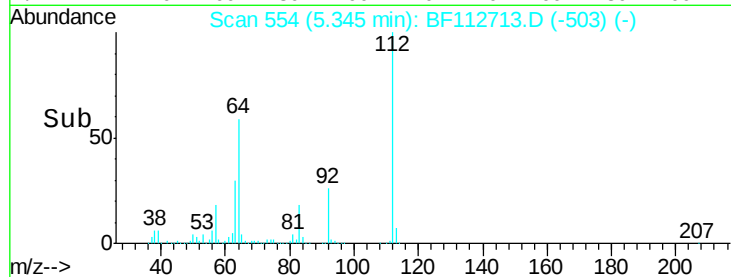
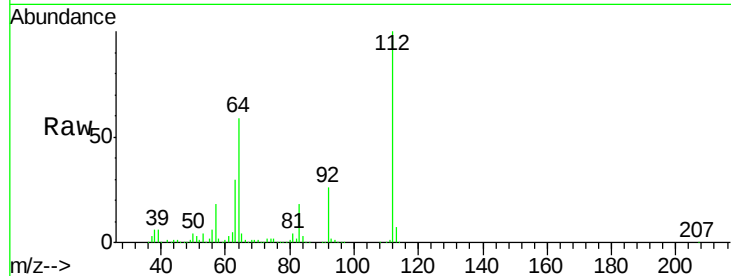
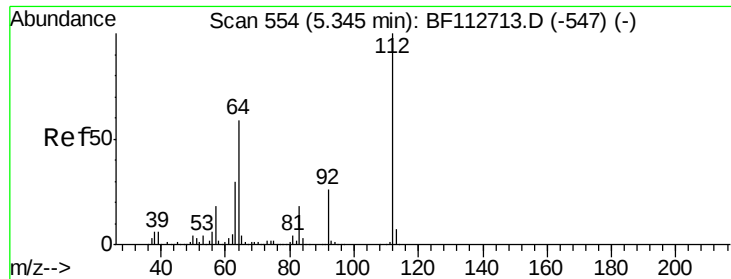
Ion Ratio Lower Upper

42 100

74 132.3 105.8 158.8

44 7.7 6.2 9.2





#5

2-Fluorophenol

Concen: 107.672 ng

RT: 5.35 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF112713.D

Acq: 27 Feb 2019 11:43

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

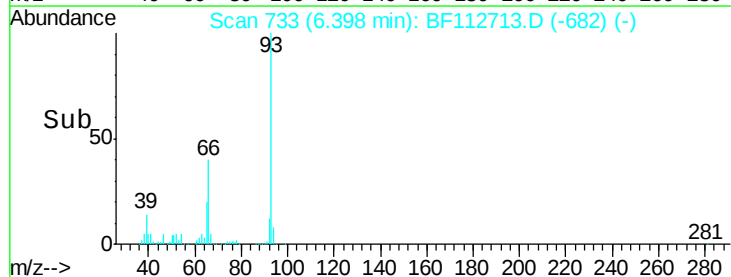
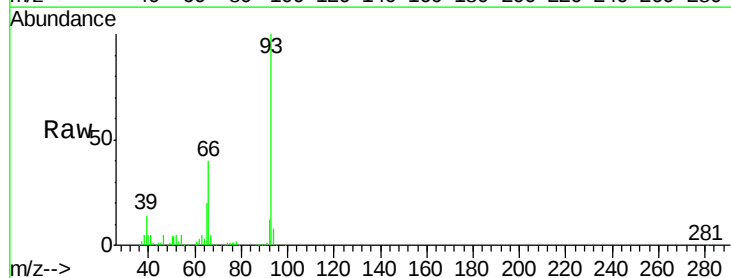
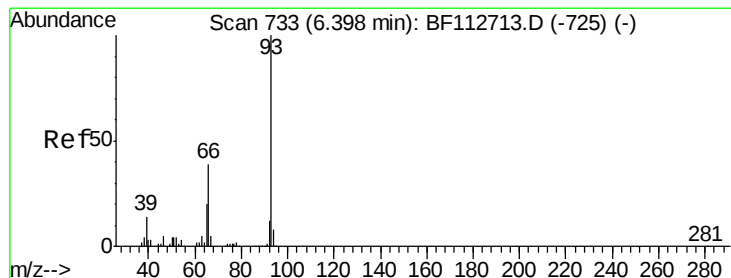
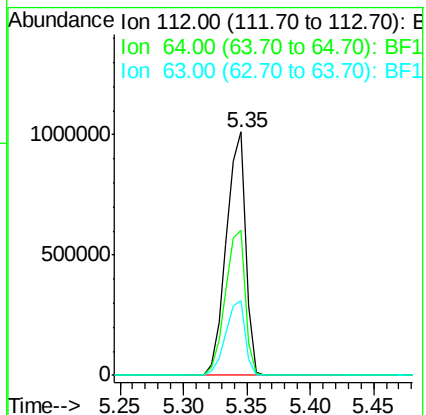
Tgt Ion: 112 Resp: 1065821

Ion Ratio Lower Upper

112 100

64 59.5 47.6 71.4

63 30.5 24.4 36.6



#6

Aniline

Concen: 57.473 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF112713.D

Acq: 27 Feb 2019 11:43

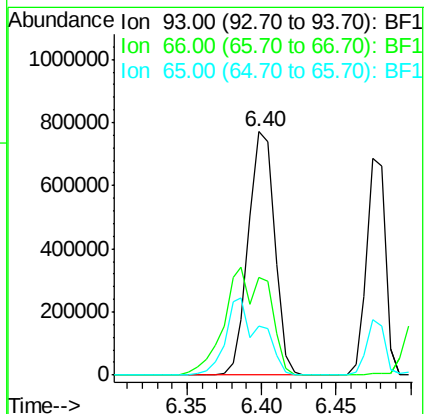
Tgt Ion: 93 Resp: 940390

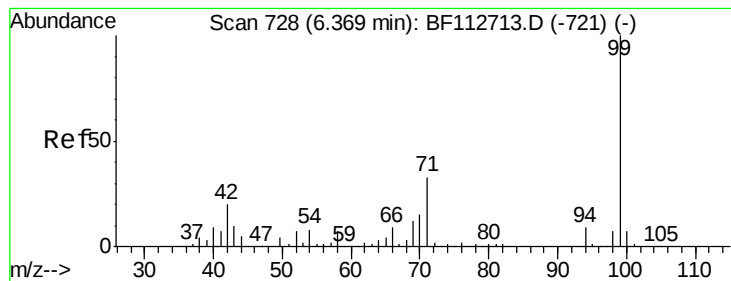
Ion Ratio Lower Upper

93 100

66 40.2 32.2 48.2

65 20.3 16.2 24.4





#7

Phenol-d6

Concen: 96.854 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF112713.D

Acq: 27 Feb 2019 11:43

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

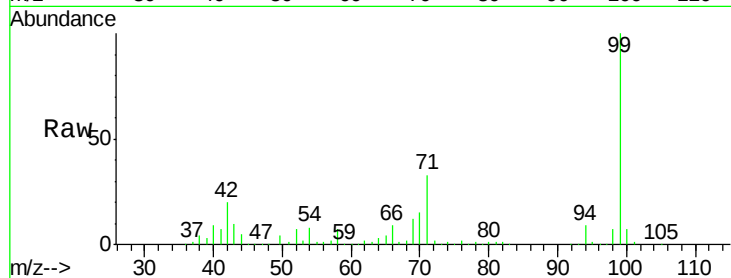
Tgt Ion: 99 Resp: 1332214

Ion Ratio Lower Upper

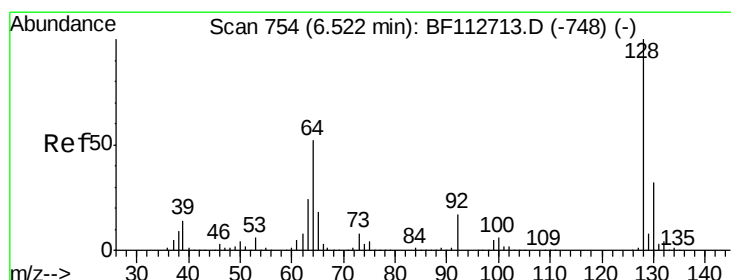
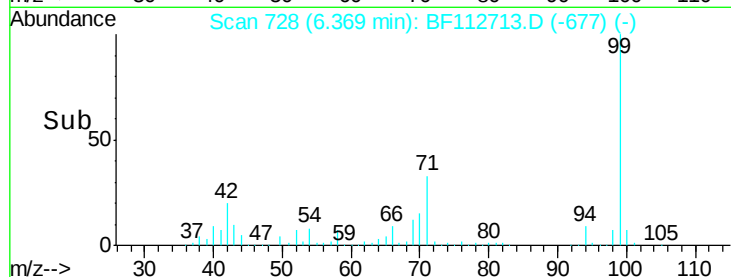
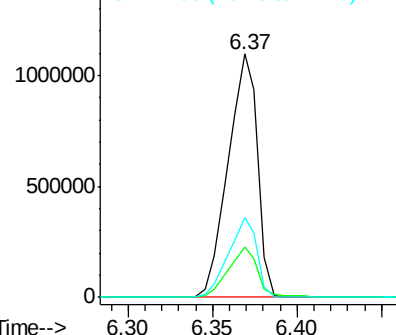
99 100

42 20.4 16.3 24.5

71 32.8 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: 44.804 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF112713.D

Acq: 27 Feb 2019 11:43

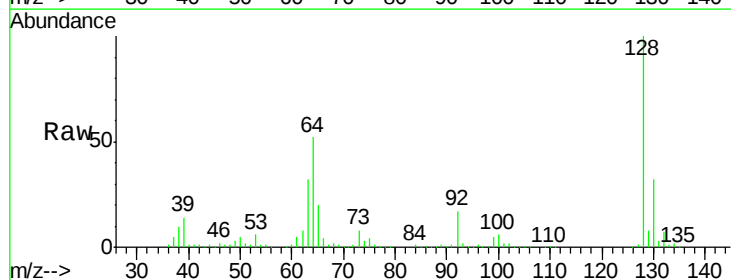
Tgt Ion: 128 Resp: 596631

Ion Ratio Lower Upper

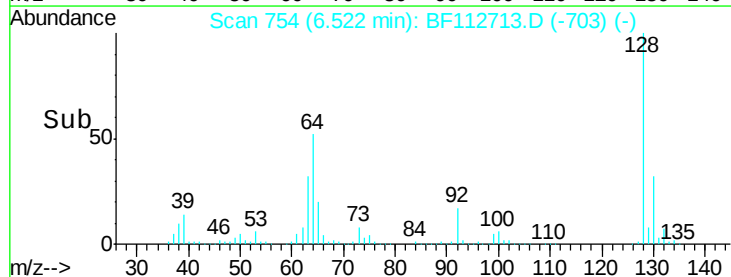
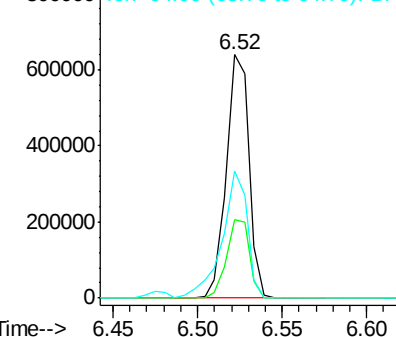
128 100

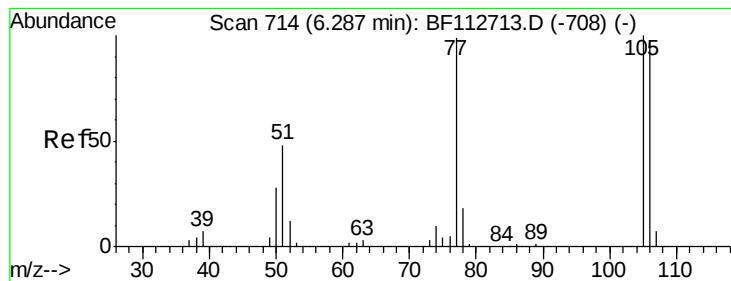
130 32.4 12.4 52.4

64 52.2 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: 67.499 ng

RT: 6.29 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF112713.D

Acq: 27 Feb 2019 11:43

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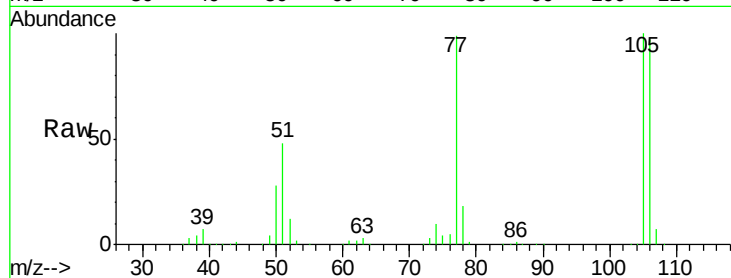
Tgt Ion: 77 Resp: 485274

Ion Ratio Lower Upper

77 100

105 101.4 81.4 121.4

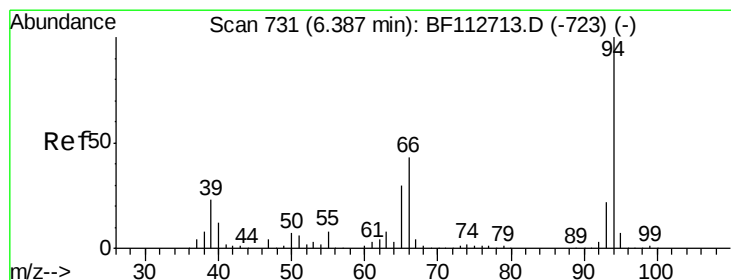
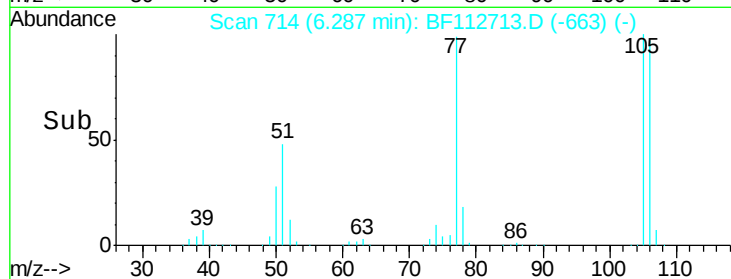
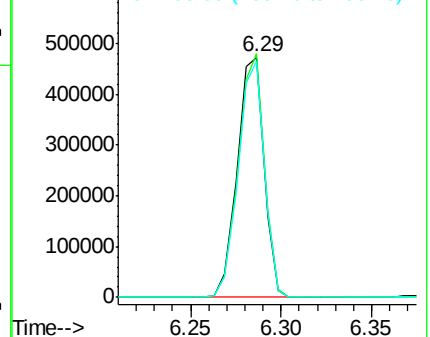
106 98.3 78.3 118.3



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: 53.074 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF112713.D

Acq: 27 Feb 2019 11:43

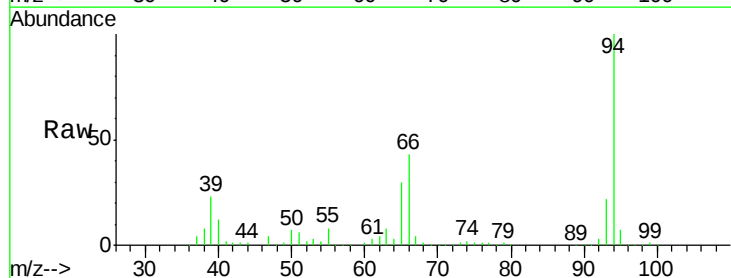
Tgt Ion: 94 Resp: 800923

Ion Ratio Lower Upper

94 100

65 30.5 10.5 50.5

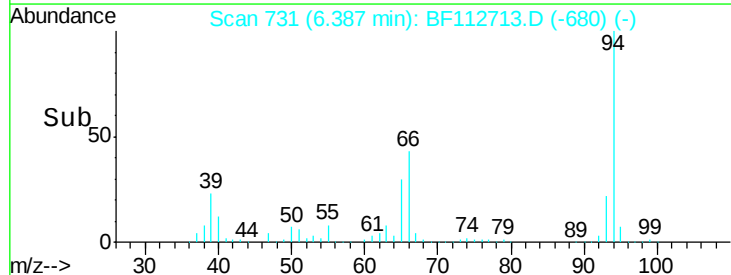
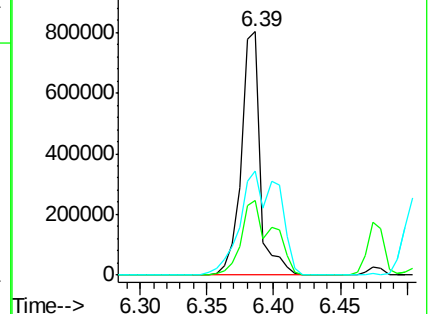
66 42.6 22.6 62.6



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

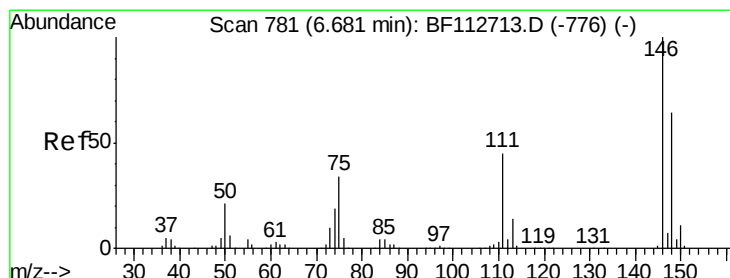
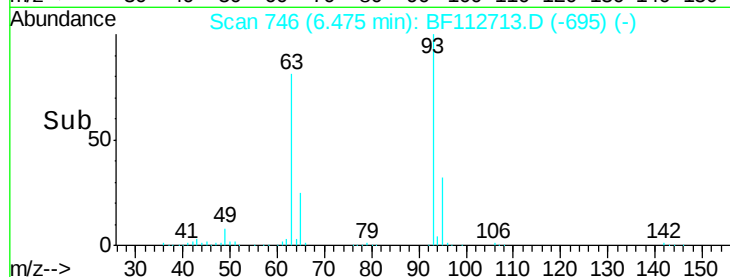
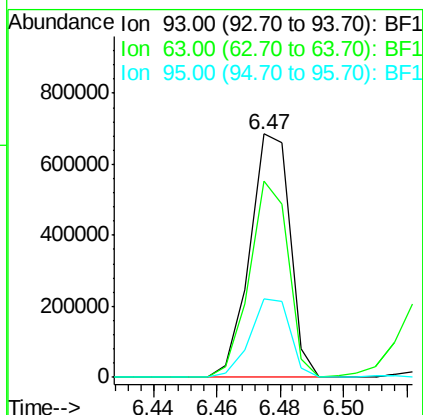
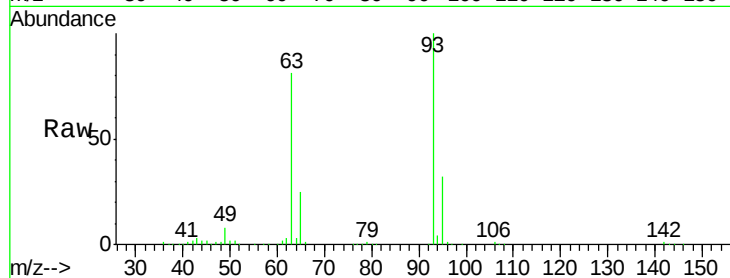




#11
bis(2-Chloroethyl)ether
Concen: 50.712 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF112713.D
Acq: 27 Feb 2019 11:43

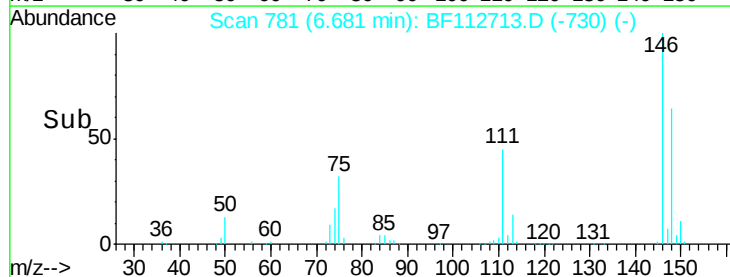
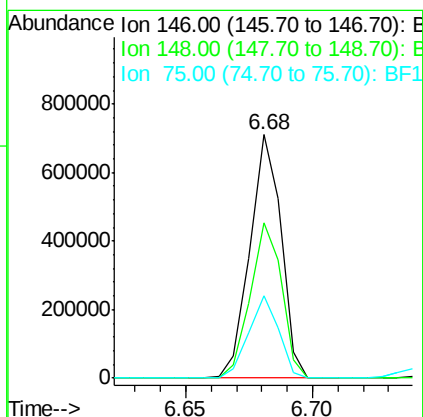
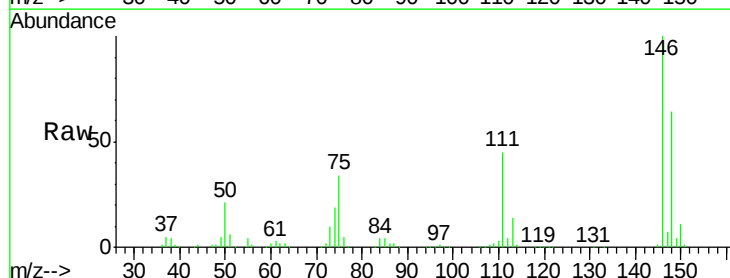
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

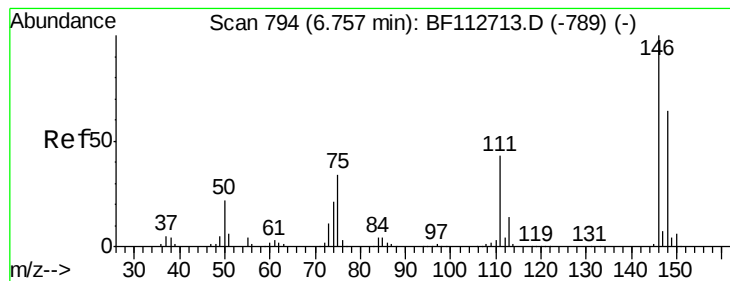
Tgt Ion: 93 Resp: 602493
Ion Ratio Lower Upper
93 100
63 80.5 60.5 100.5
95 32.1 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 39.431 ng
RT: 6.68 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF112713.D
Acq: 27 Feb 2019 11:43

Tgt Ion: 146 Resp: 611501
Ion Ratio Lower Upper
146 100
148 63.6 50.9 76.3
75 33.6 26.9 40.3





#13

1,4-Dichlorobenzene

Concen: 38.511 ng

RT: 6.76 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF112713.D

Acq: 27 Feb 2019 11:43

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

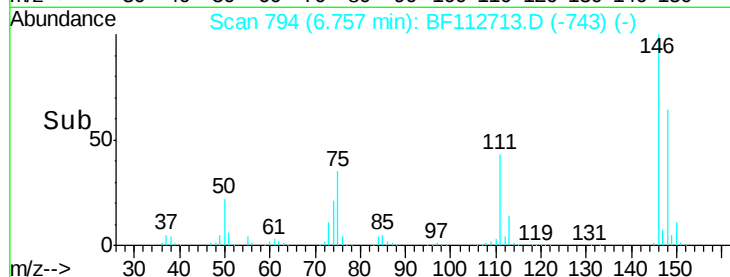
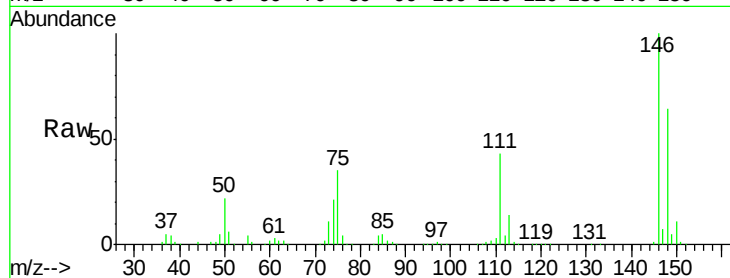
Tgt Ion:146 Resp: 614662

Ion Ratio Lower Upper

146 100

148 63.7 51.0 76.4

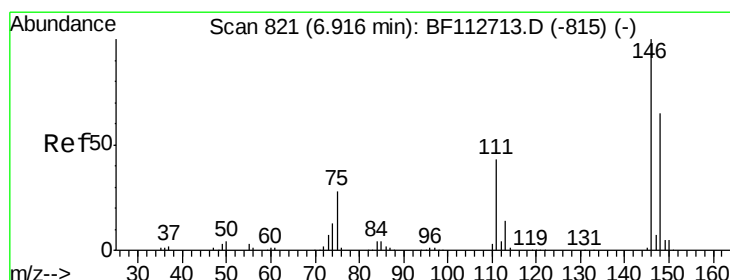
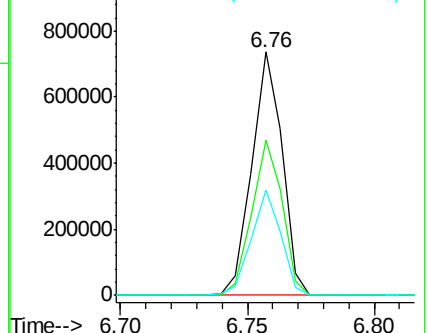
111 43.1 34.5 51.7



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.087 ng

RT: 6.92 min Scan# 821

Delta R.T. 0.00 min

Lab File: BF112713.D

Acq: 27 Feb 2019 11:43

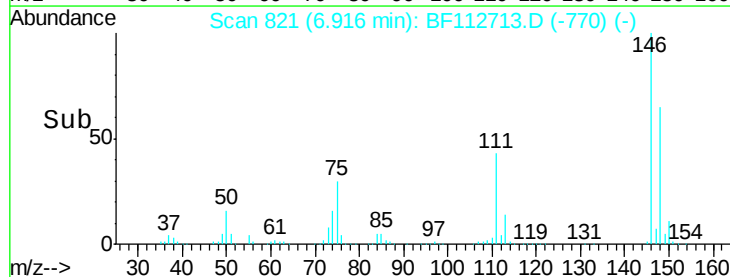
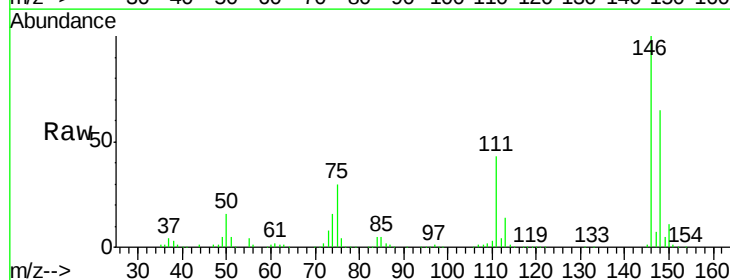
Tgt Ion:146 Resp: 554209

Ion Ratio Lower Upper

146 100

148 65.0 52.0 78.0

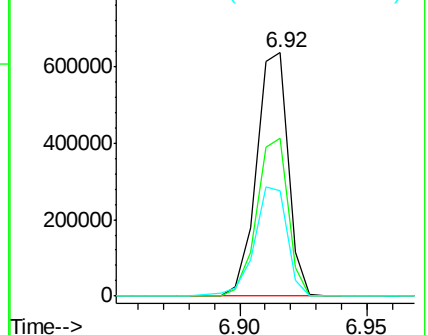
111 43.5 34.8 52.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.883 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF112713.D

Acq: 27 Feb 2019 11:43

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

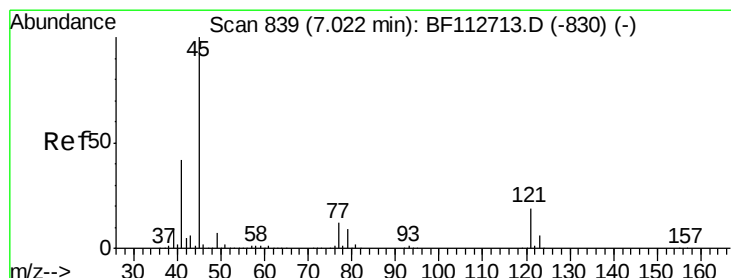
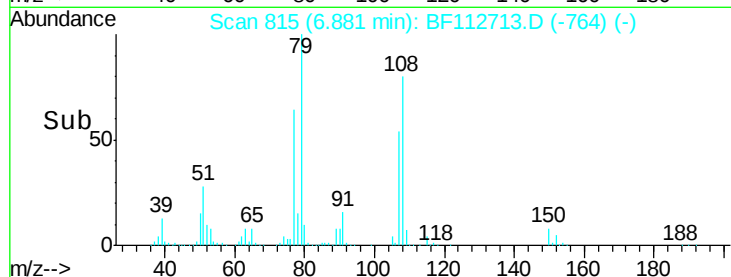
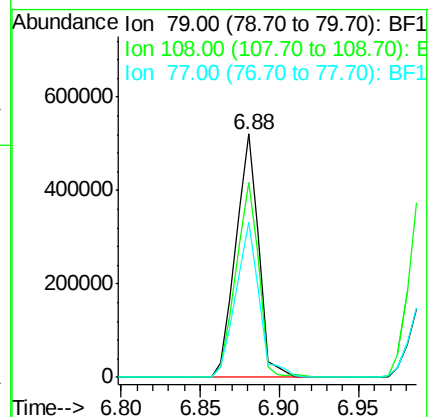
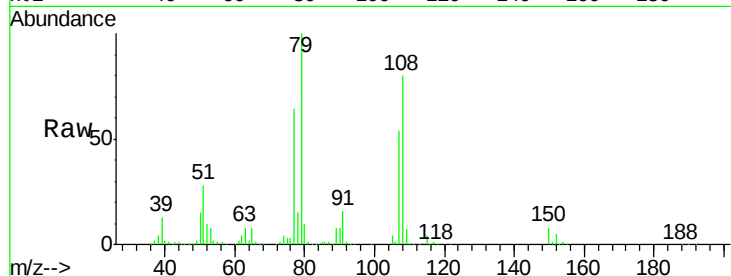
Tgt Ion: 79 Resp: 520416

Ion Ratio Lower Upper

79 100

108 80.3 64.2 96.4

77 63.9 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 65.993 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF112713.D

Acq: 27 Feb 2019 11:43

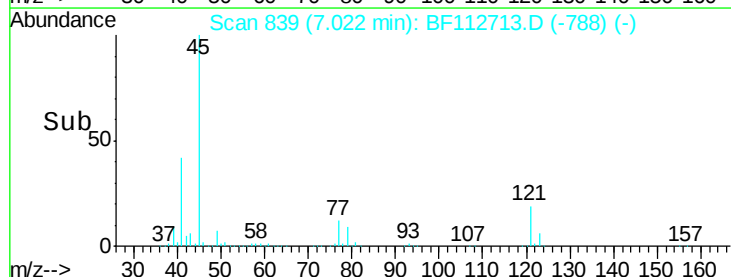
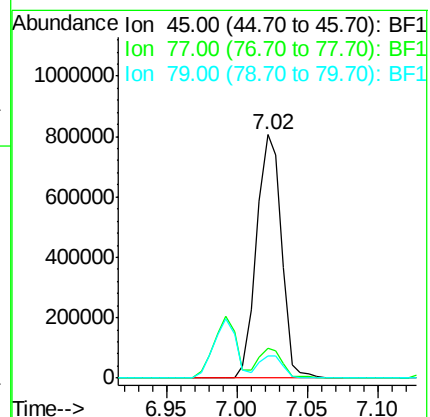
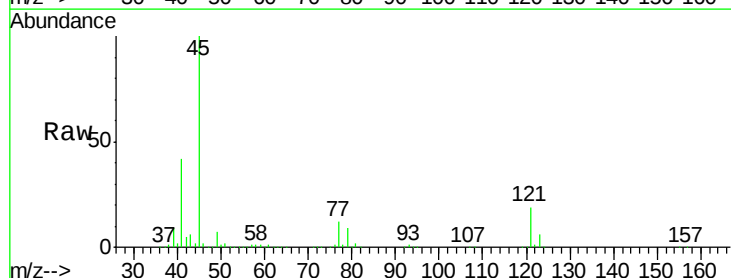
Tgt Ion: 45 Resp: 1006667

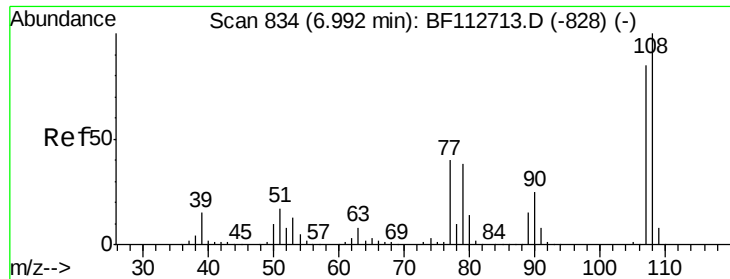
Ion Ratio Lower Upper

45 100

77 12.1 0.0 32.1

79 9.4 0.0 29.4

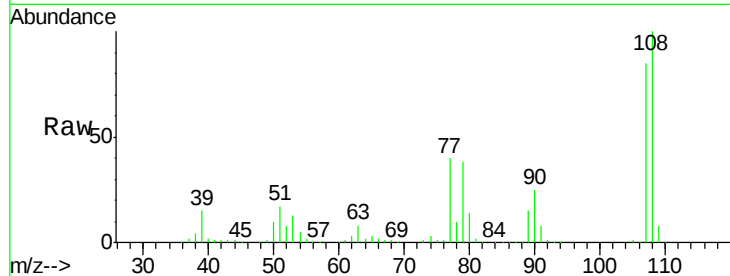




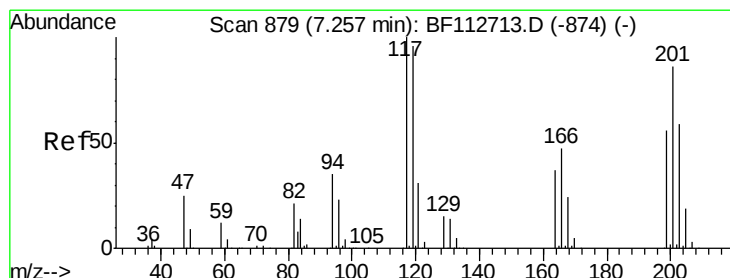
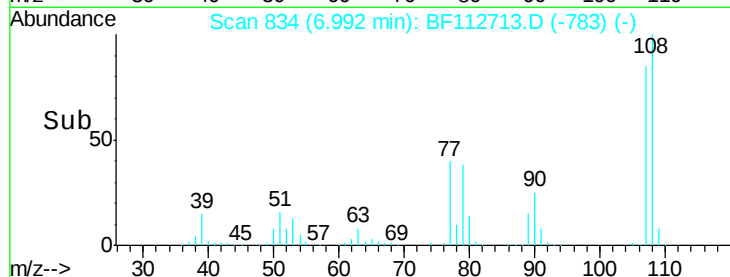
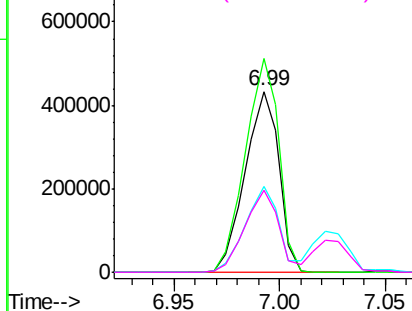
#17
2-Methylphenol
Concen: 45.490 ng
RT: 6.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF112713.D
Acq: 27 Feb 2019 11:43

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:107 Resp: 480204
Ion Ratio Lower Upper
107 100
108 118.3 94.6 142.0
77 47.3 37.8 56.8
79 45.2 36.2 54.2

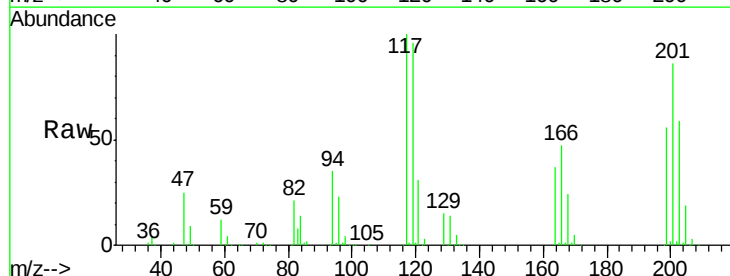


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

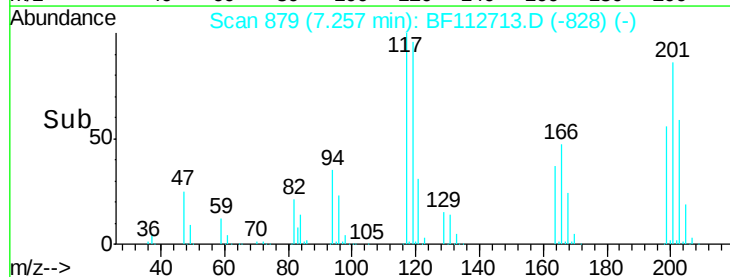
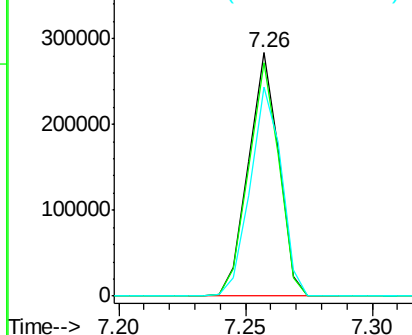


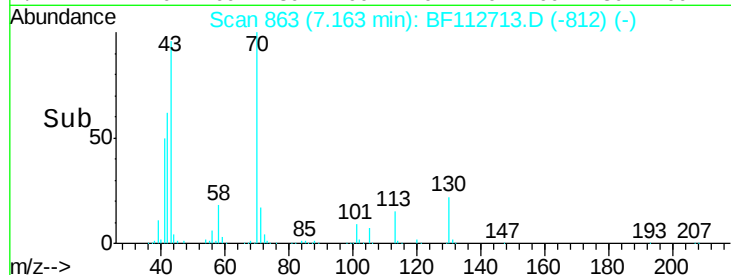
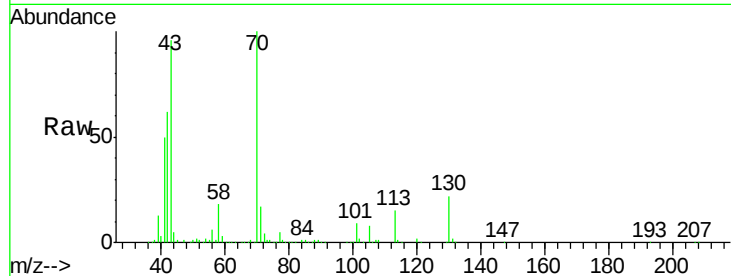
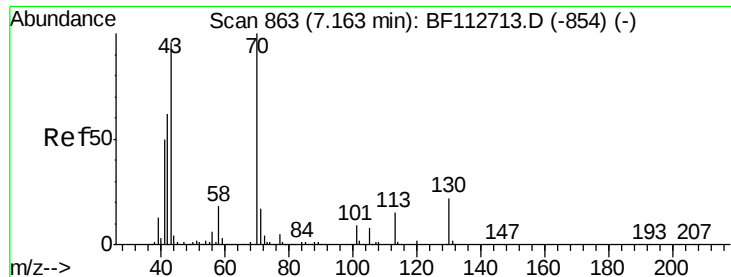
#18
Hexachloroethane
Concen: 42.365 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF112713.D
Acq: 27 Feb 2019 11:43

Tgt Ion:117 Resp: 237444
Ion Ratio Lower Upper
117 100
119 95.8 76.6 115.0
201 86.1 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

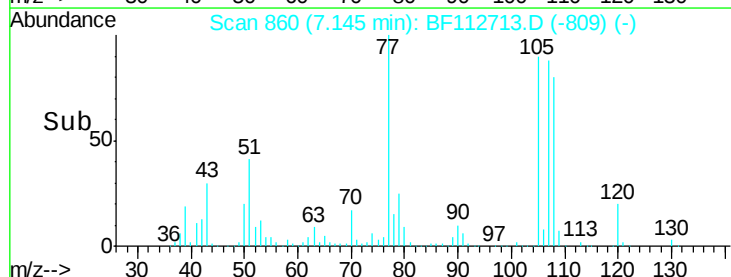
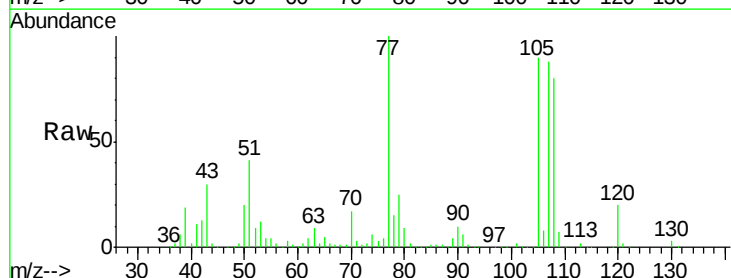
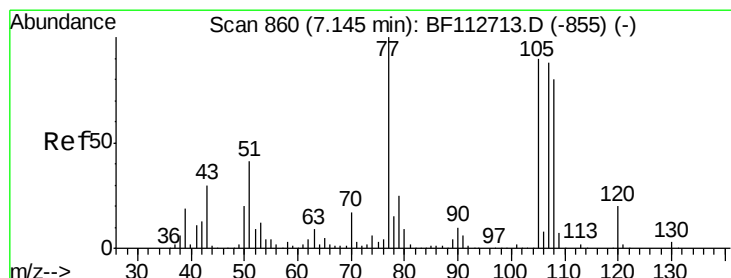
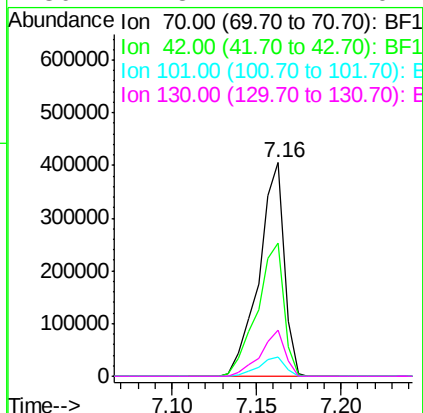




#19
n-Nitroso-di-n-propylamine
Concen: 44.424 ng
RT: 7.16 min Scan# 863
Delta R.T. 0.00 min
Lab File: BF112713.D
Acq: 27 Feb 2019 11:43

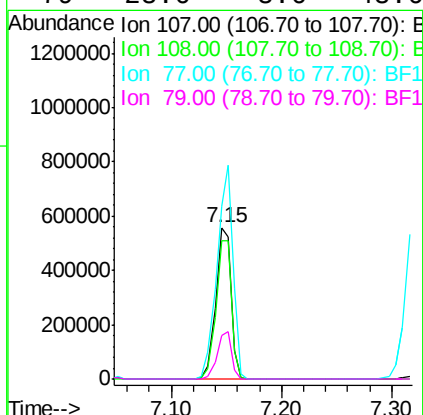
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

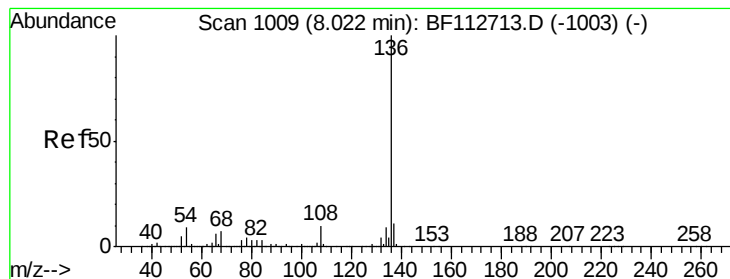
Tgt Ion:	70	Resp:	421343
Ion	Ratio	Lower	Upper
70	100		
42	62.4	49.9	74.9
101	9.3	7.4	11.2
130	21.8	17.4	26.2



#20
3+4-Methylphenols
Concen: 39.447 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF112713.D
Acq: 27 Feb 2019 11:43

Tgt Ion:	107	Resp:	532486
Ion	Ratio	Lower	Upper
107	100		
108	91.4	71.4	111.4
77	114.1	94.1	134.1
79	28.6	8.6	48.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF112713.D

Acq: 27 Feb 2019 11:43

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:136 Resp: 841579

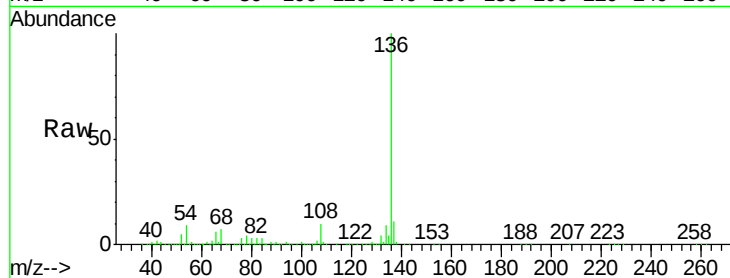
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 9.1 7.3 10.9

68 6.8 5.4 8.2

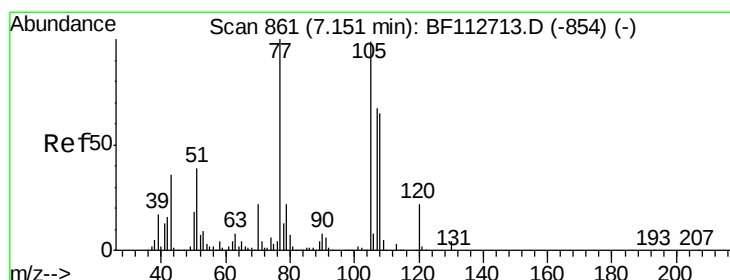
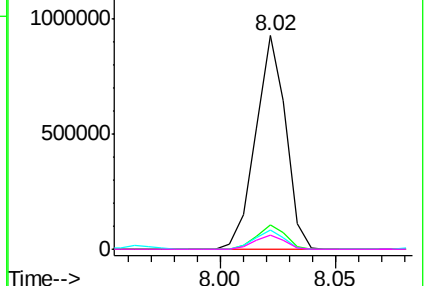
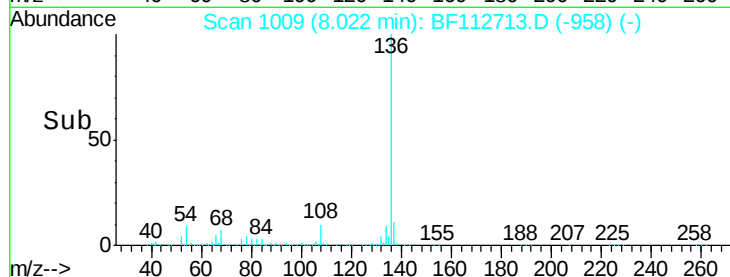


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.465 ng

RT: 7.15 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF112713.D

Acq: 27 Feb 2019 11:43

Tgt Ion:105 Resp: 788247

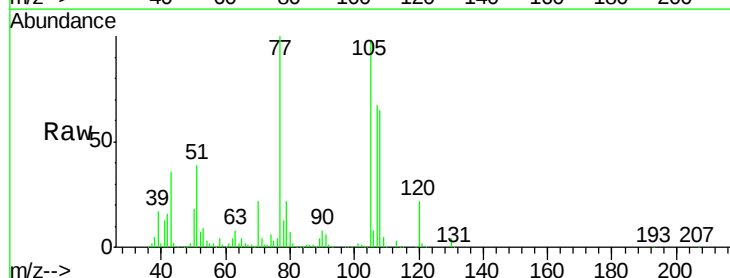
Ion Ratio Lower Upper

105 100

71 3.7 3.0 4.4

51 39.4 31.5 47.3

120 22.6 18.1 27.1

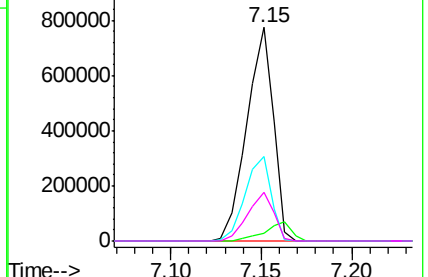
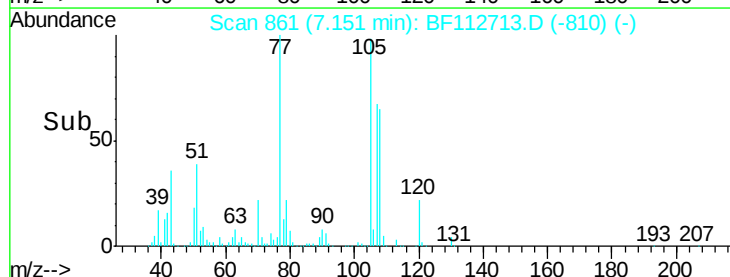


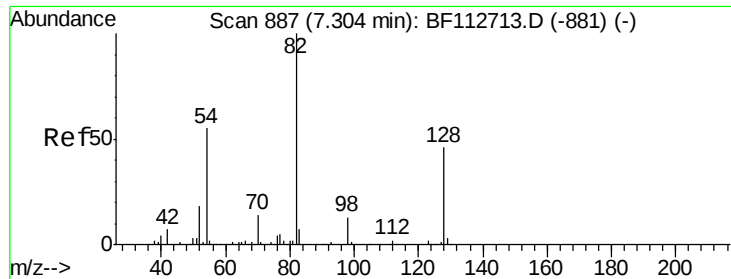
Abundance Ion 105.00 (104.70 to 105.70): E

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

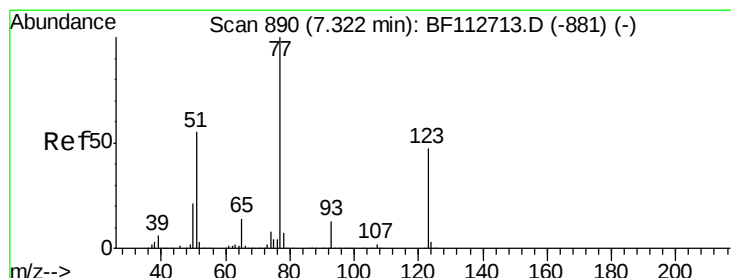
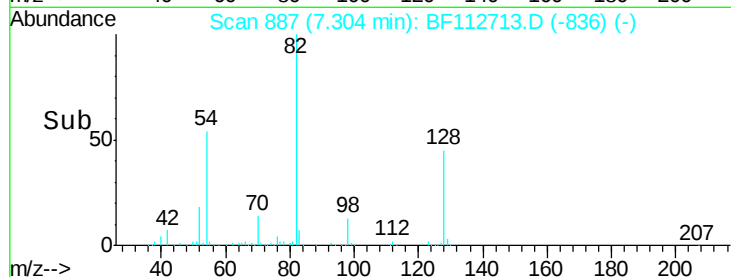
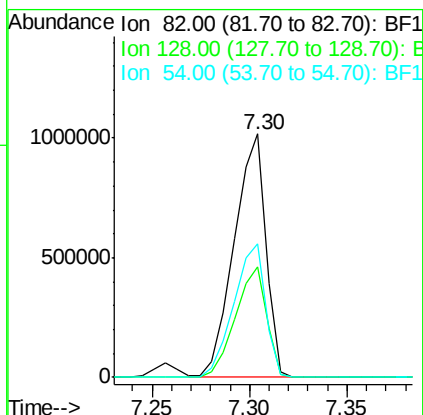
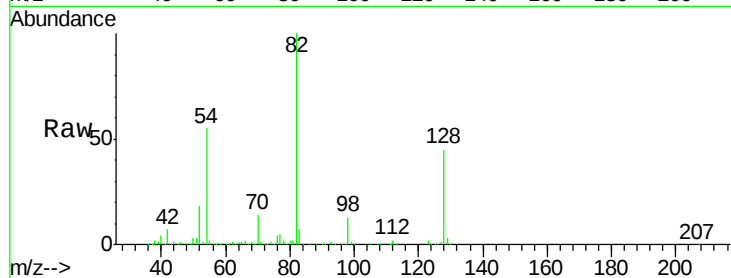




#23
 Nitrobenzene-d5
 Concen: 77.953 ng
 RT: 7.30 min Scan# 887
 Delta R.T. 0.00 min
 Lab File: BF112713.D
 Acq: 27 Feb 2019 11:43

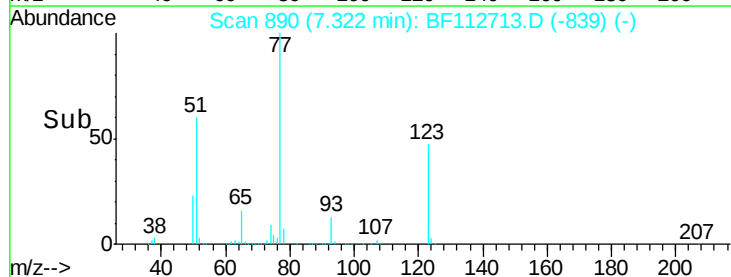
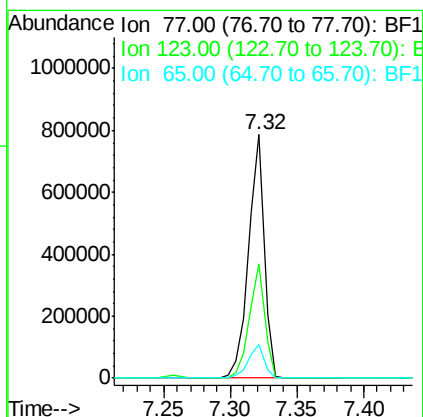
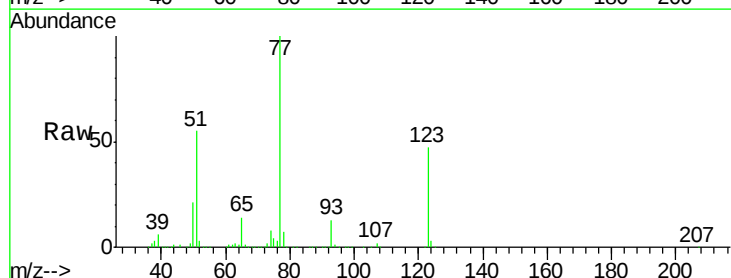
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

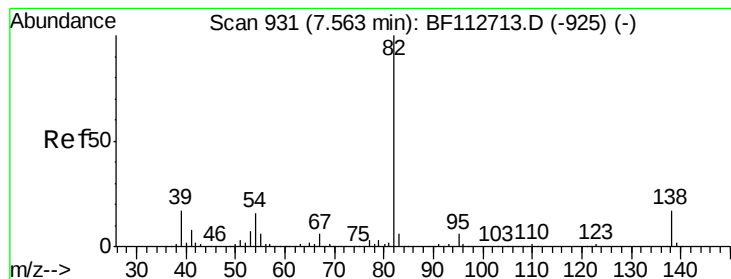
Tgt Ion: 82 Resp: 1138557
 Ion Ratio Lower Upper
 82 100
 128 45.4 36.3 54.5
 54 54.6 43.7 65.5



#24
 Nitrobenzene
 Concen: 43.279 ng
 RT: 7.32 min Scan# 890
 Delta R.T. 0.00 min
 Lab File: BF112713.D
 Acq: 27 Feb 2019 11:43

Tgt Ion: 77 Resp: 631300
 Ion Ratio Lower Upper
 77 100
 123 47.2 37.8 56.6
 65 13.9 11.1 16.7





#25

Isophorone

Concen: 51.549 ng

RT: 7.56 min Scan# 931

Delta R.T. 0.00 min

Lab File: BF112713.D

Acq: 27 Feb 2019 11:43

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

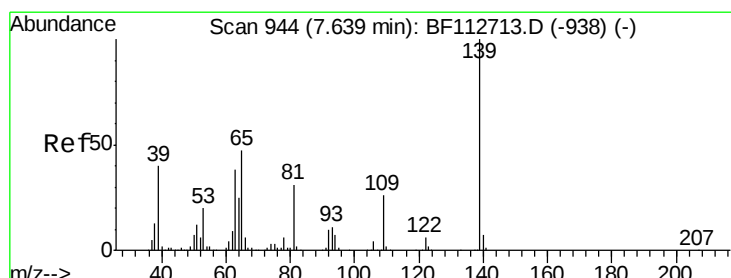
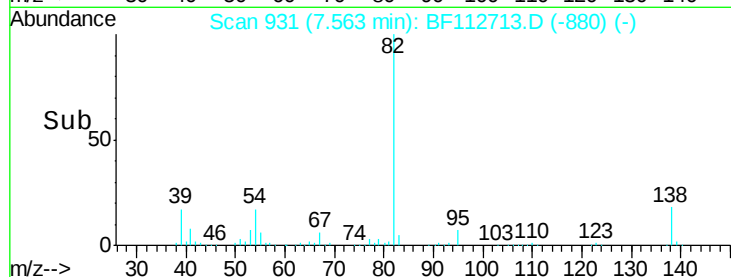
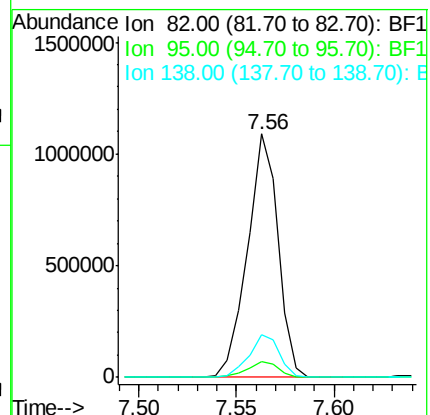
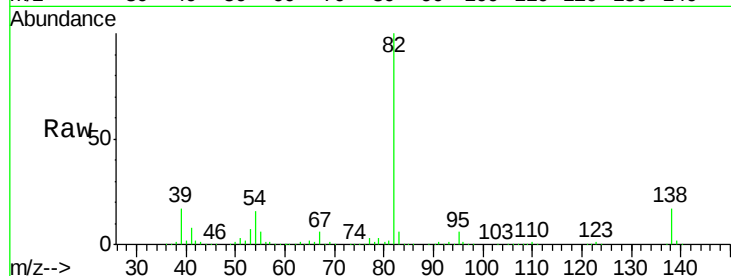
Tgt Ion: 82 Resp: 1181168

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

138 17.3 13.8 20.8



#26

2-Nitrophenol

Concen: 35.499 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF112713.D

Acq: 27 Feb 2019 11:43

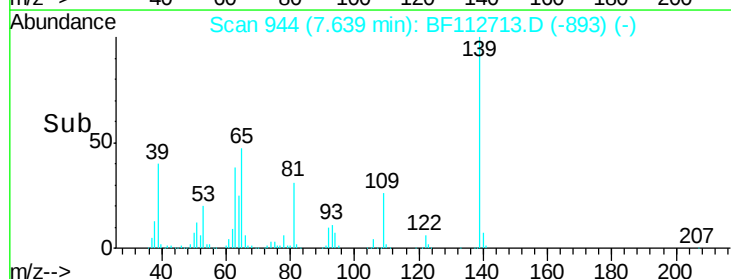
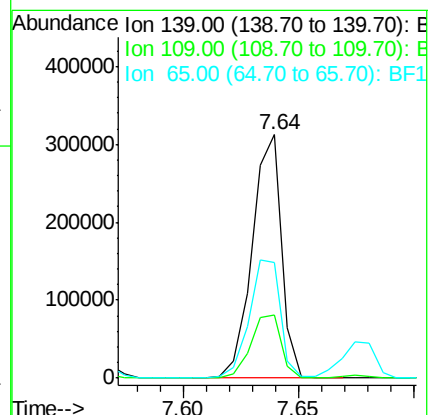
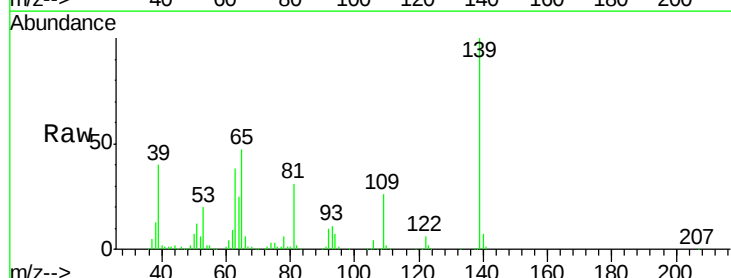
Tgt Ion: 139 Resp: 276732

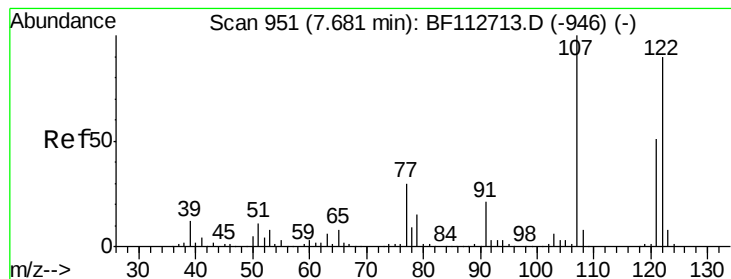
Ion Ratio Lower Upper

139 100

109 25.8 20.6 31.0

65 47.4 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 44.155 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF112713.D

Acq: 27 Feb 2019 11:43

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

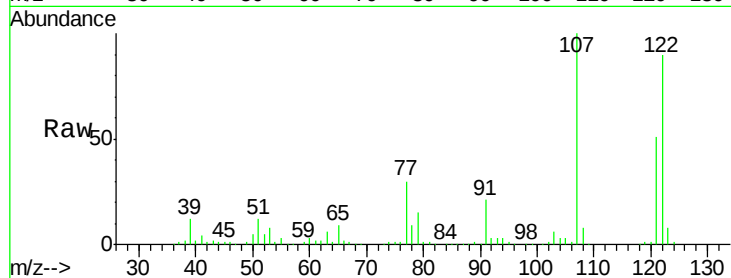
Tgt Ion:122 Resp: 474234

Ion Ratio Lower Upper

122 100

107 111.7 89.4 134.0

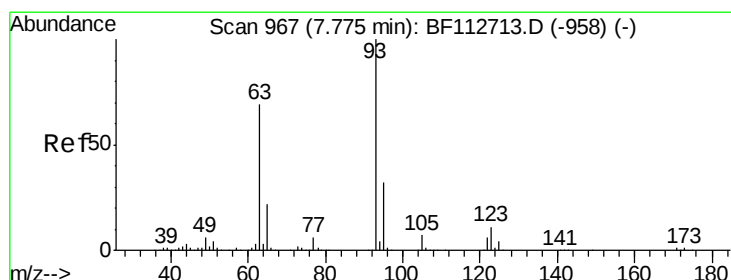
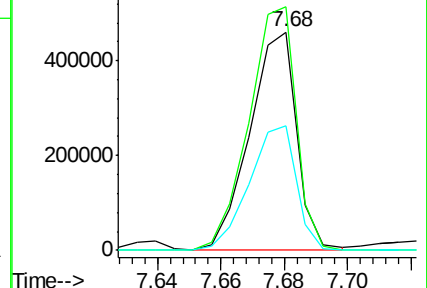
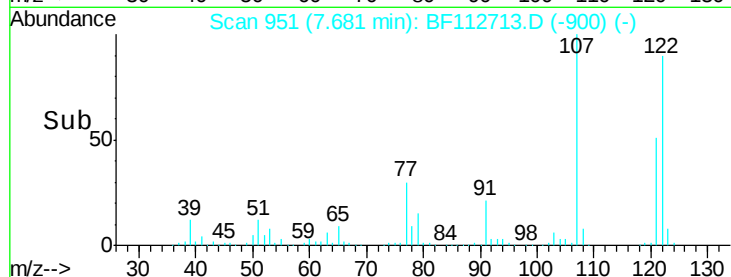
121 56.9 45.5 68.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 47.429 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.00 min

Lab File: BF112713.D

Acq: 27 Feb 2019 11:43

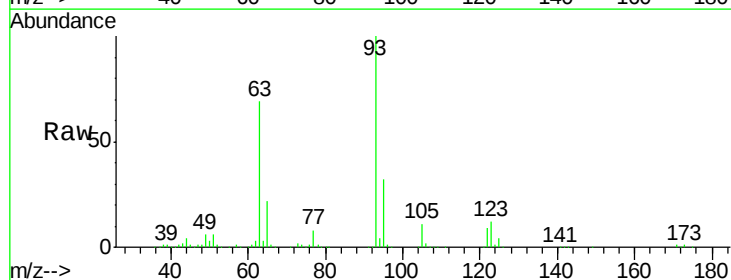
Tgt Ion: 93 Resp: 739979

Ion Ratio Lower Upper

93 100

95 32.5 26.0 39.0

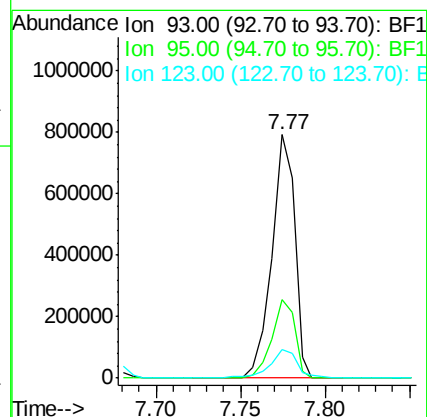
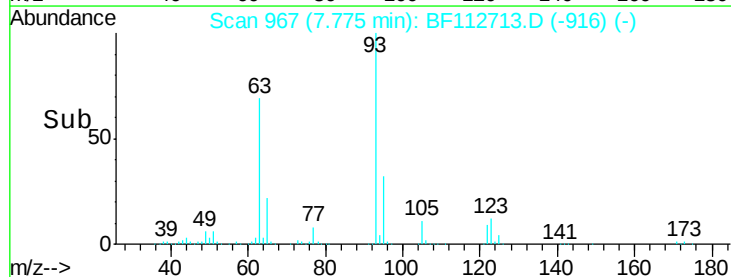
123 11.6 9.3 13.9

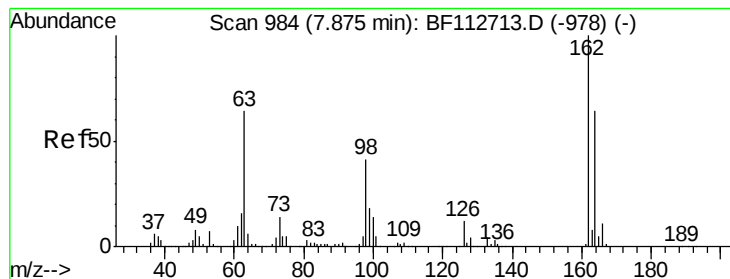


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 39.209 ng

RT: 7.87 min Scan# 984

Delta R.T. 0.00 min

Lab File: BF112713.D

Acq: 27 Feb 2019 11:43

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

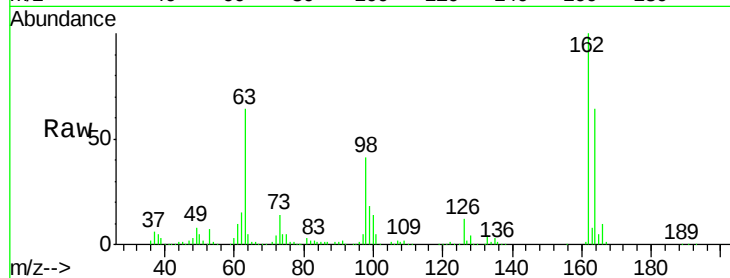
Tgt Ion:162 Resp: 471265

Ion Ratio Lower Upper

162 100

164 64.0 44.0 84.0

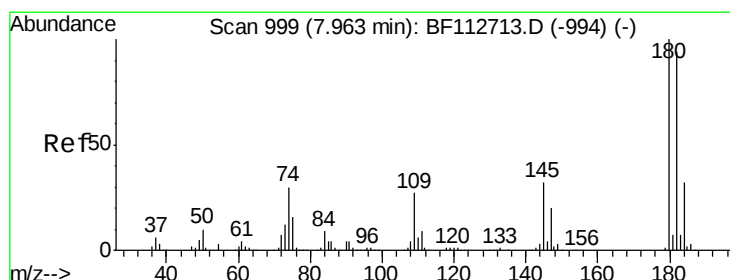
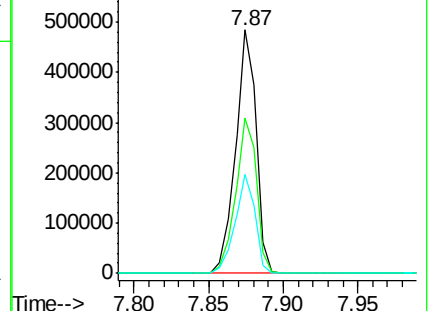
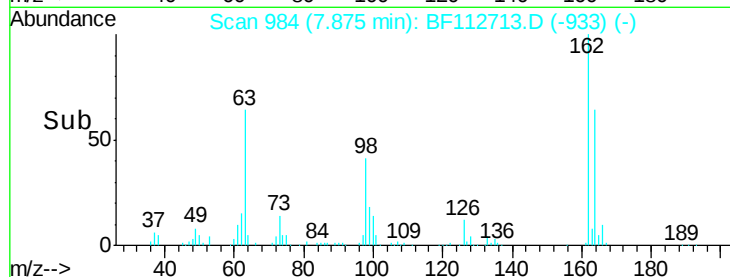
98 40.7 20.7 60.7



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: 35.774 ng

RT: 7.96 min Scan# 999

Delta R.T. 0.00 min

Lab File: BF112713.D

Acq: 27 Feb 2019 11:43

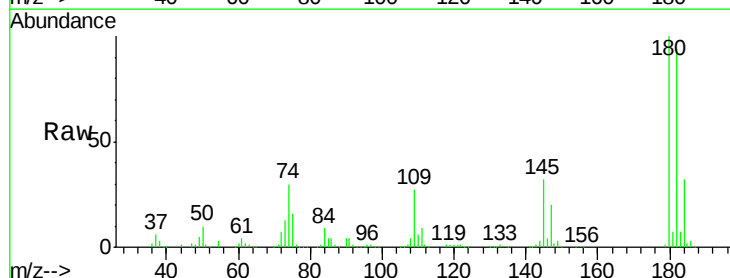
Tgt Ion:180 Resp: 494241

Ion Ratio Lower Upper

180 100

182 94.0 75.2 112.8

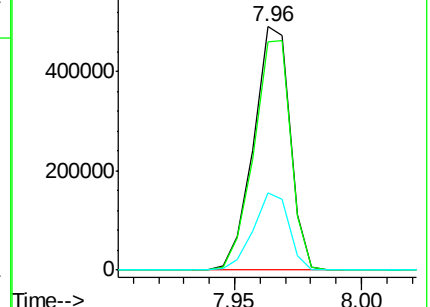
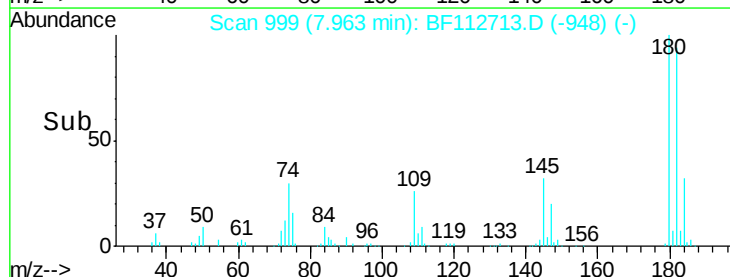
145 31.7 25.4 38.0

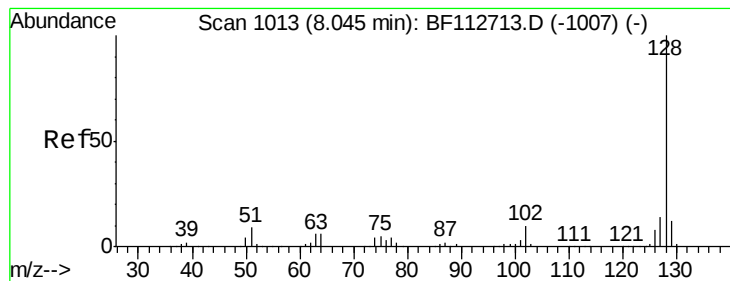


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.207 ng

RT: 8.05 min Scan# 1013

Delta R.T. 0.00 min

Lab File: BF112713.D

Acq: 27 Feb 2019 11:43

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

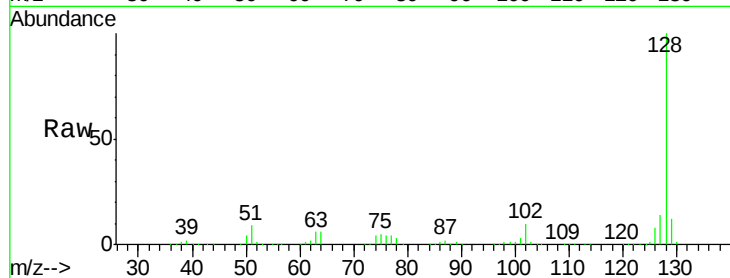
Tgt Ion:128 Resp: 1621723

Ion Ratio Lower Upper

128 100

129 11.6 9.3 13.9

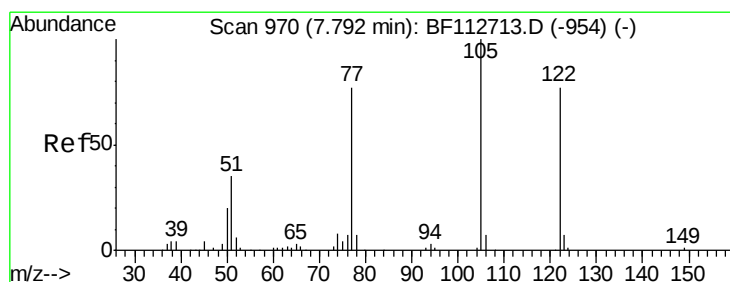
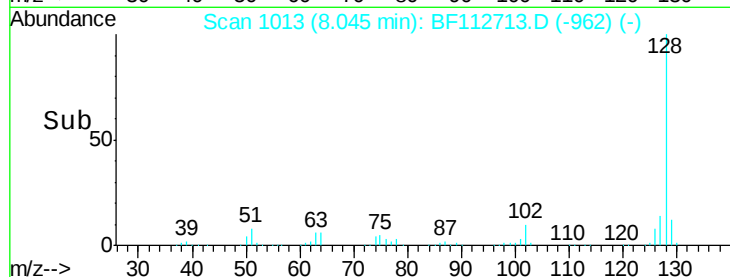
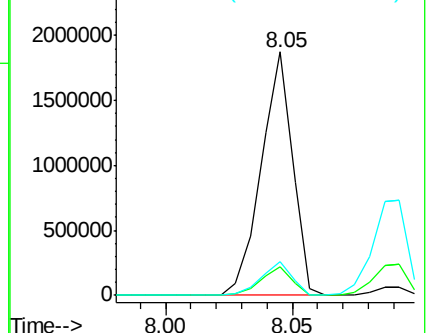
127 13.6 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 55.719 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF112713.D

Acq: 27 Feb 2019 11:43

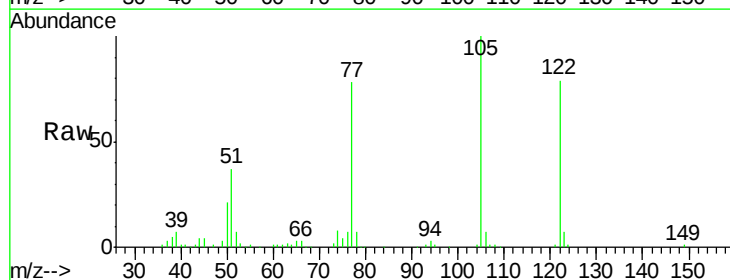
Tgt Ion:122 Resp: 341359

Ion Ratio Lower Upper

122 100

105 126.8 106.8 146.8

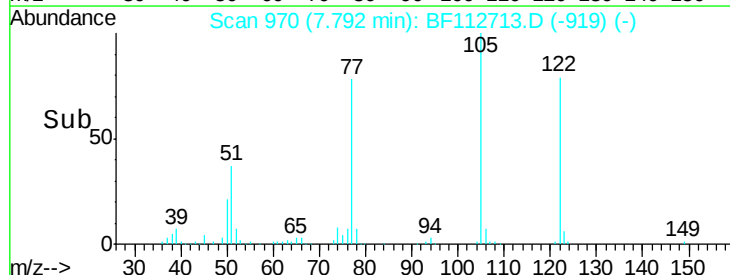
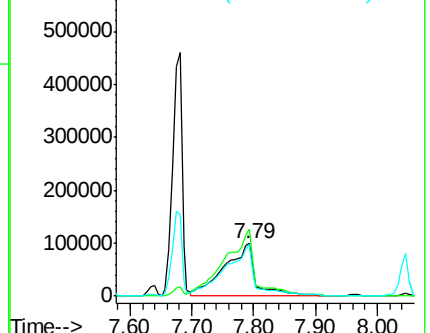
77 99.4 79.4 119.4

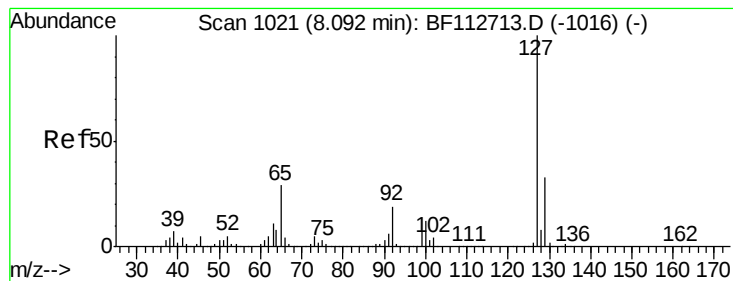


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 40.870 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BF112713.D

Acq: 27 Feb 2019 11:43

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:127 Resp: 700372

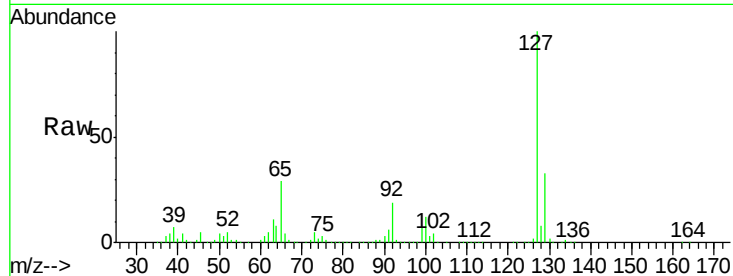
Ion Ratio Lower Upper

127 100

129 33.0 26.4 39.6

65 28.9 23.1 34.7

92 18.6 14.9 22.3

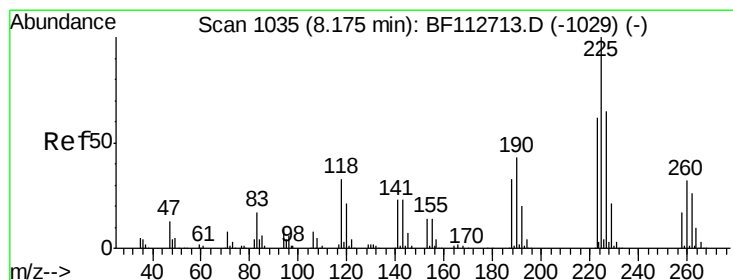
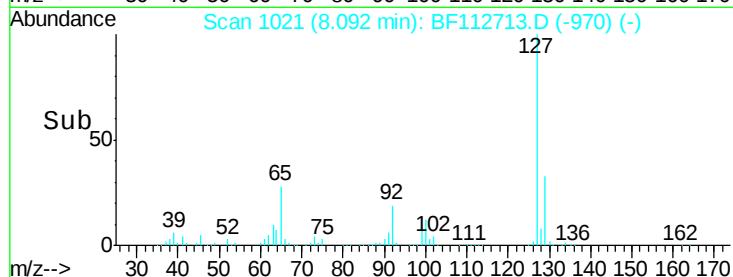
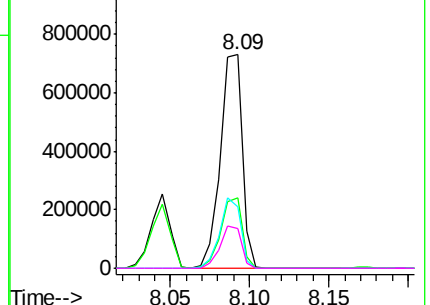


Abundance Ion 127.00 (126.70 to 127.70): E

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: 34.701 ng

RT: 8.17 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF112713.D

Acq: 27 Feb 2019 11:43

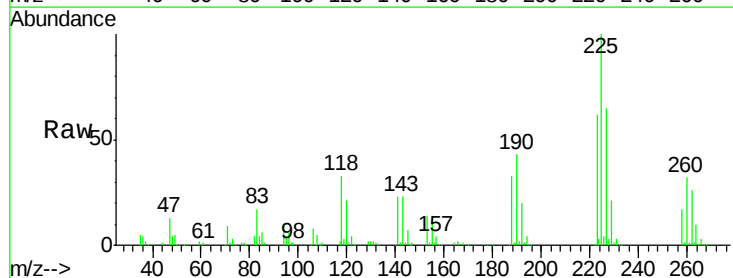
Tgt Ion:225 Resp: 281327

Ion Ratio Lower Upper

225 100

223 62.1 49.7 74.5

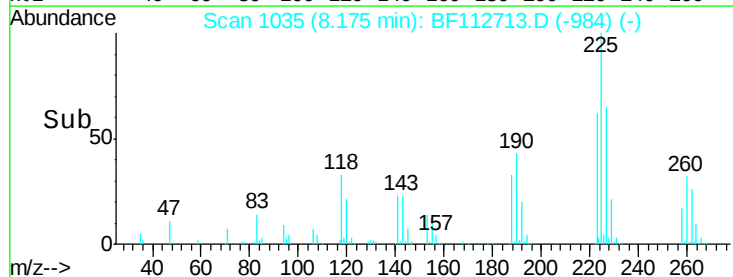
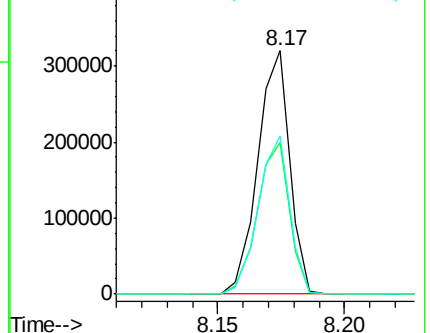
227 65.1 52.1 78.1

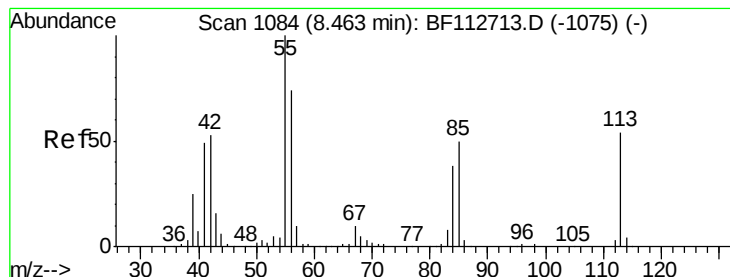


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 39.292 ng

RT: 8.46 min Scan# 1084

Delta R.T. 0.00 min

Lab File: BF112713.D

Acq: 27 Feb 2019 11:43

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

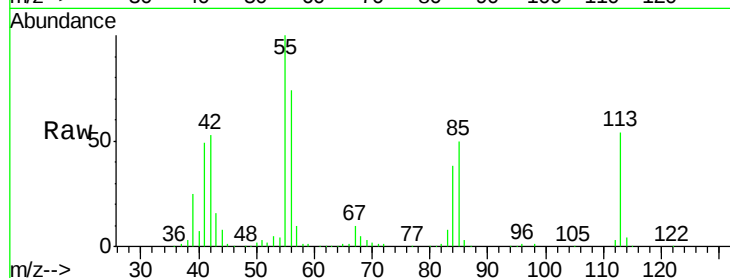
Tgt Ion:113 Resp: 166599

Ion Ratio Lower Upper

113 100

55 183.5 163.5 203.5

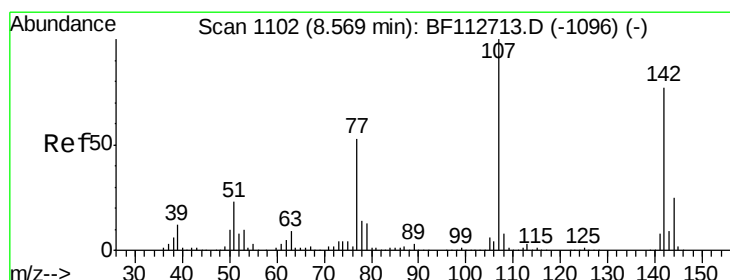
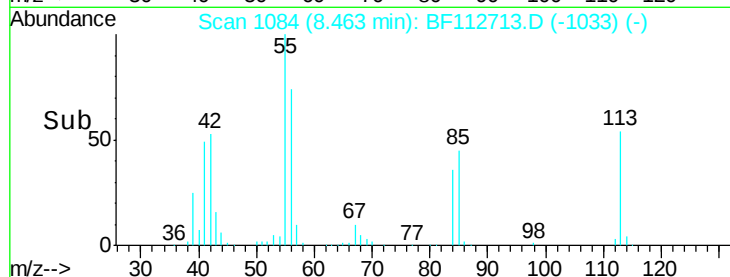
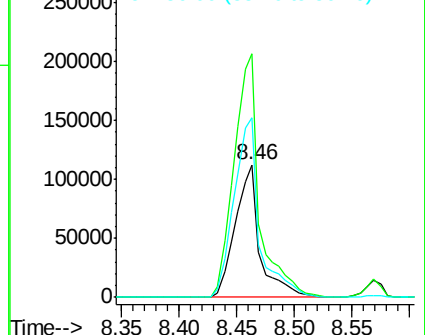
56 135.3 115.3 155.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 40.683 ng

RT: 8.57 min Scan# 1102

Delta R.T. 0.00 min

Lab File: BF112713.D

Acq: 27 Feb 2019 11:43

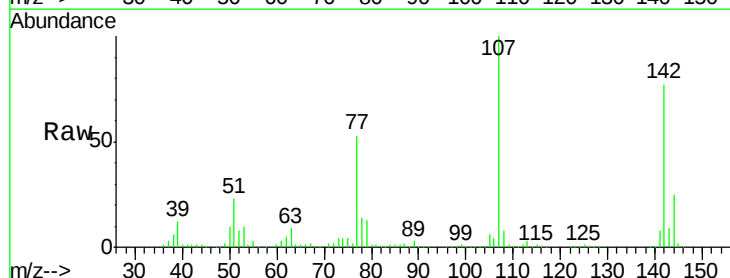
Tgt Ion:107 Resp: 517636

Ion Ratio Lower Upper

107 100

144 25.1 20.1 30.1

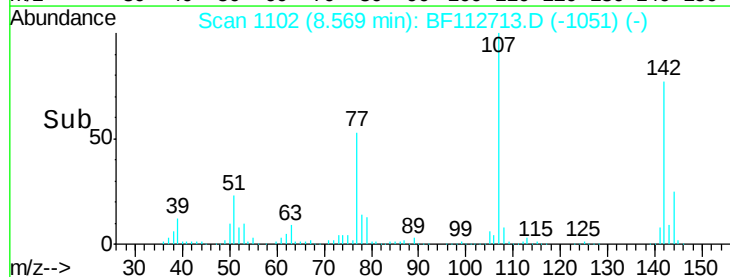
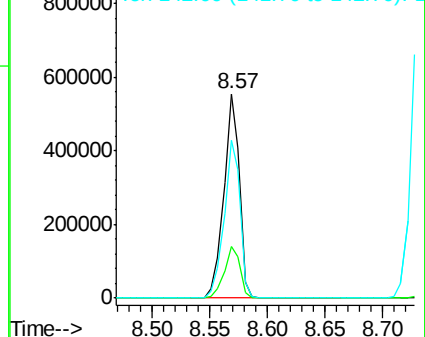
142 77.4 61.9 92.9

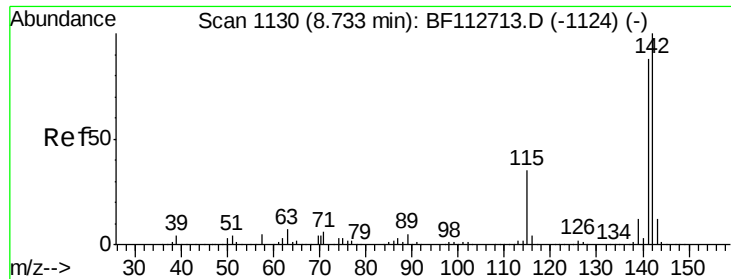


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

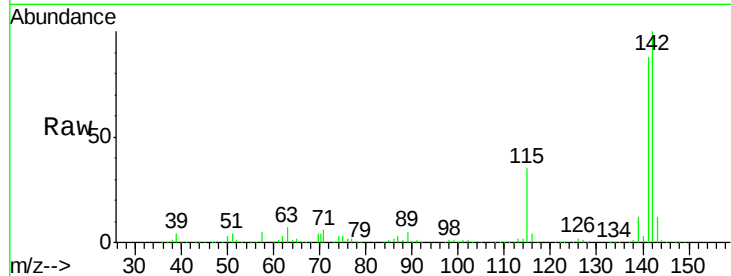




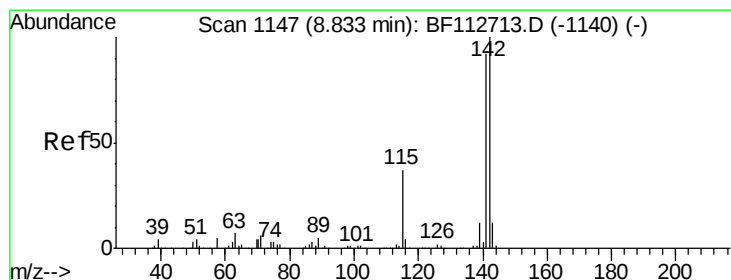
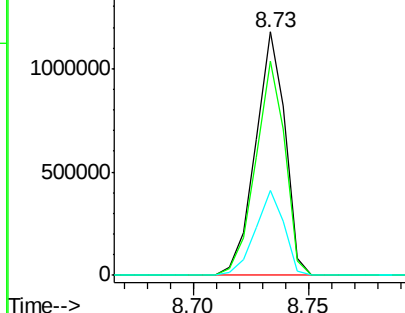
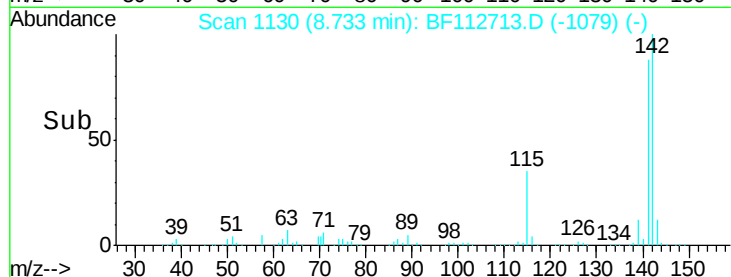
#37
2-Methylnaphthalene
Concen: 39.157 ng
RT: 8.73 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BF112713.D
Acq: 27 Feb 2019 11:43

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:142 Resp: 1054989
Ion Ratio Lower Upper
142 100
141 87.9 70.3 105.5
115 34.7 27.8 41.6

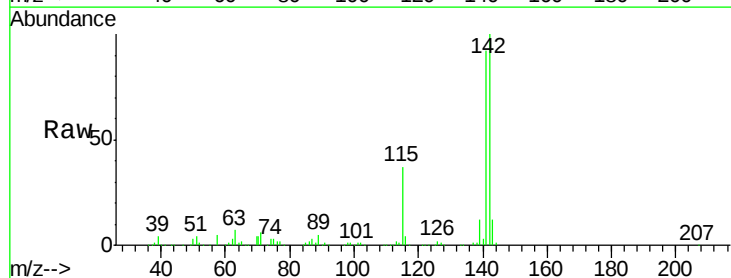


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

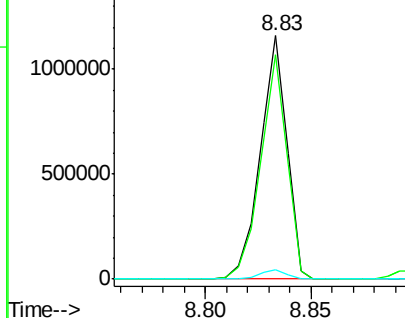
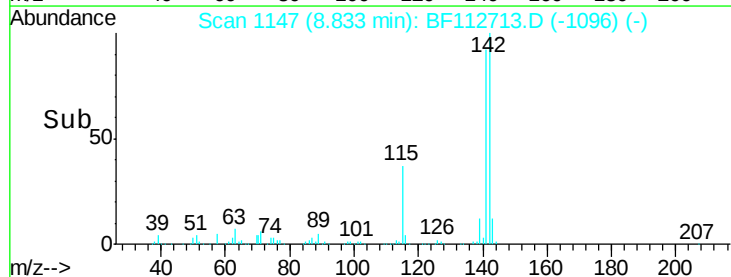


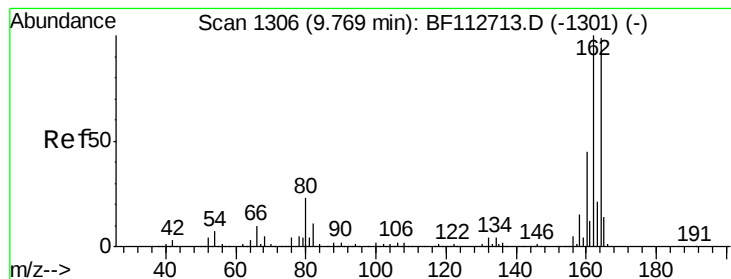
#38
1-Methylnaphthalene
Concen: 39.394 ng
RT: 8.83 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BF112713.D
Acq: 27 Feb 2019 11:43

Tgt Ion:142 Resp: 1017291
Ion Ratio Lower Upper
142 100
141 92.1 73.7 110.5
116 3.9 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: BF112713.D

Acq: 27 Feb 2019 11:43

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

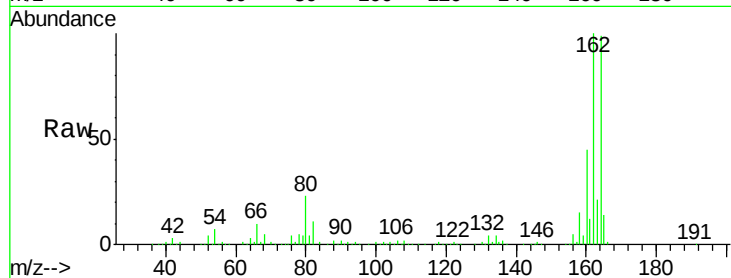
Tgt Ion:164 Resp: 386144

Ion Ratio Lower Upper

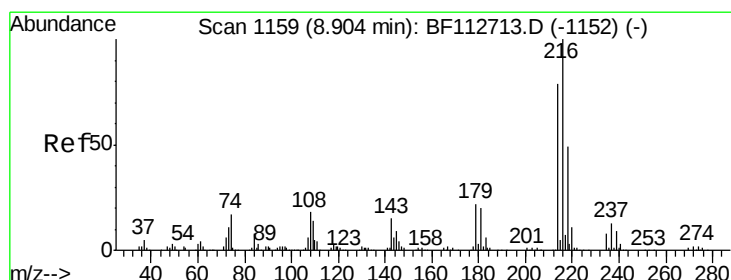
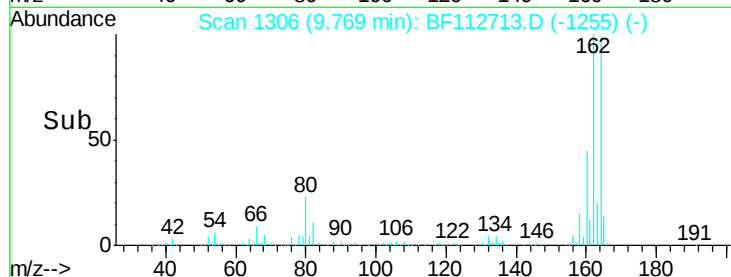
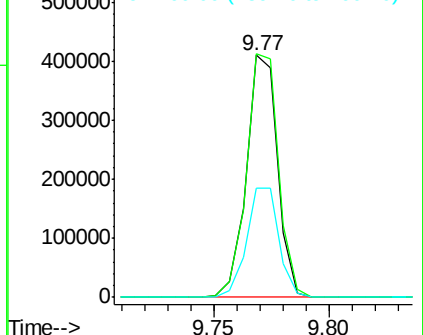
164 100

162 100.7 80.6 120.8

160 45.0 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: 35.219 ng

RT: 8.90 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF112713.D

Acq: 27 Feb 2019 11:43

Tgt Ion:216 Resp: 446520

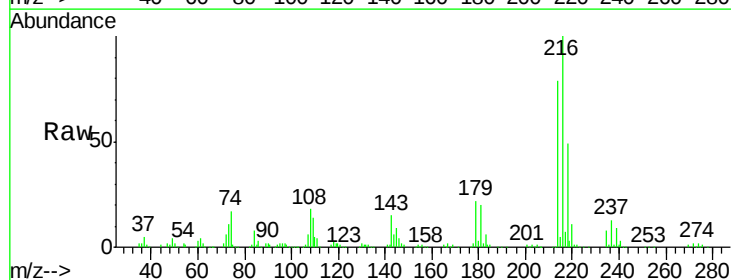
Ion Ratio Lower Upper

216 100

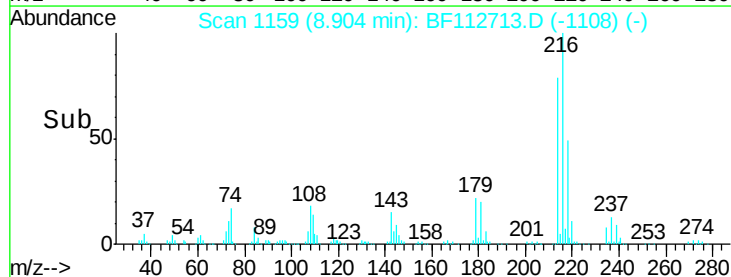
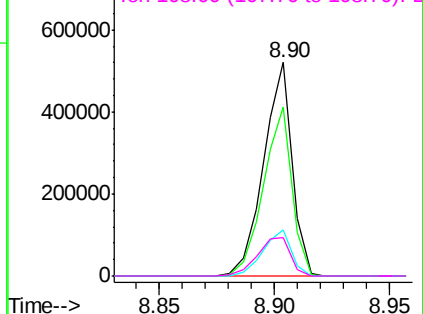
214 79.0 63.2 94.8

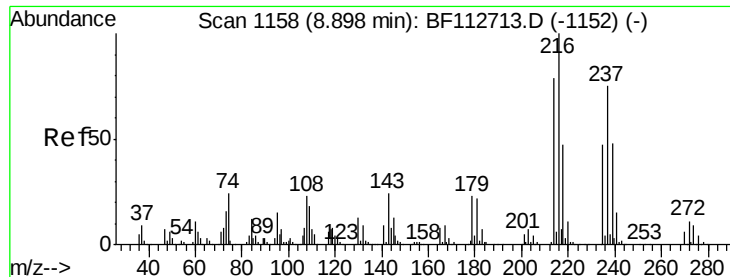
179 21.9 17.5 26.3

108 20.9 16.7 25.1



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





#41

Hexachlorocyclopentadiene

Concen: 66.856 ng

RT: 8.90 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BF112713.D

Acq: 27 Feb 2019 11:43

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

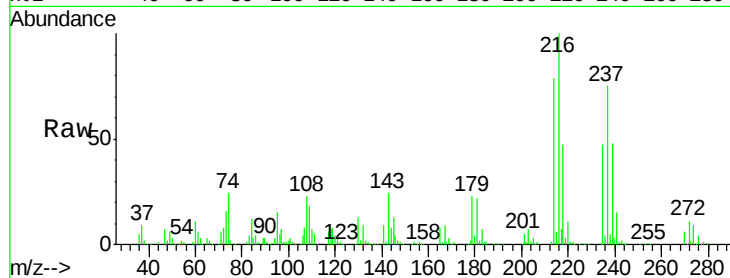
Tgt Ion:237 Resp: 251633

Ion Ratio Lower Upper

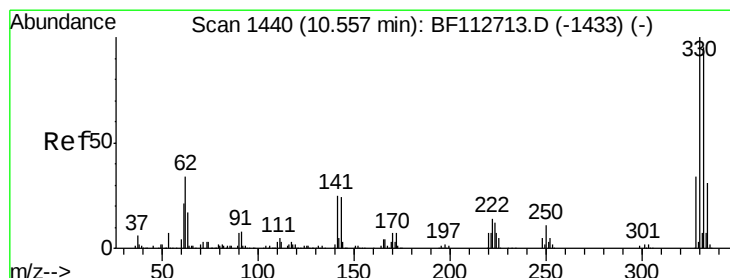
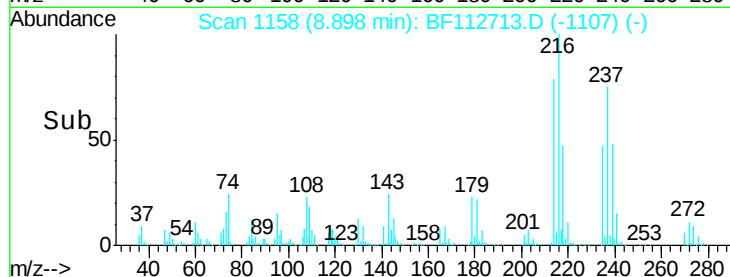
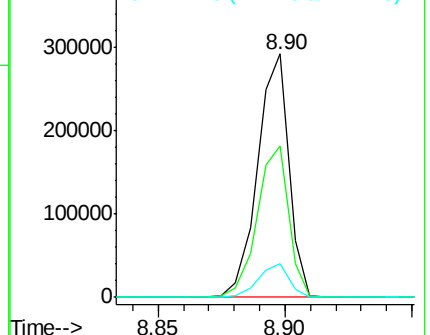
237 100

235 62.2 42.2 82.2

272 14.0 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: 74.174 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF112713.D

Acq: 27 Feb 2019 11:43

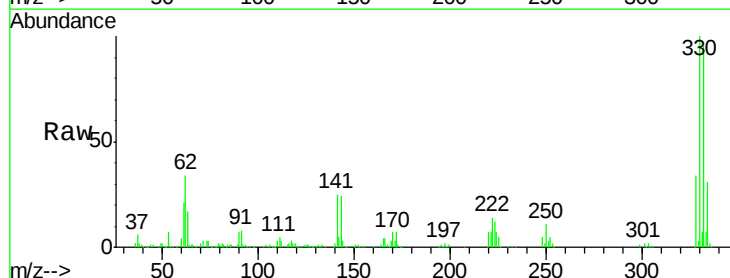
Tgt Ion:330 Resp: 333385

Ion Ratio Lower Upper

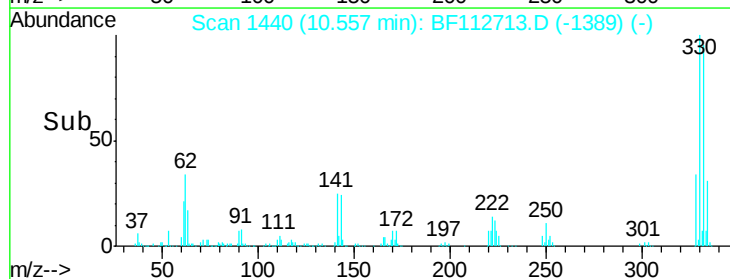
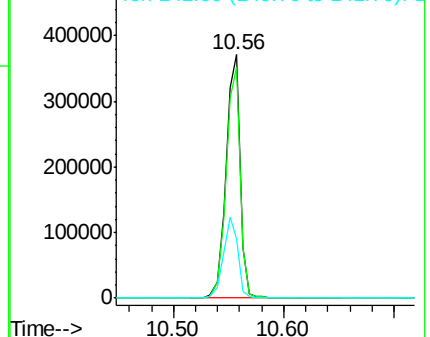
330 100

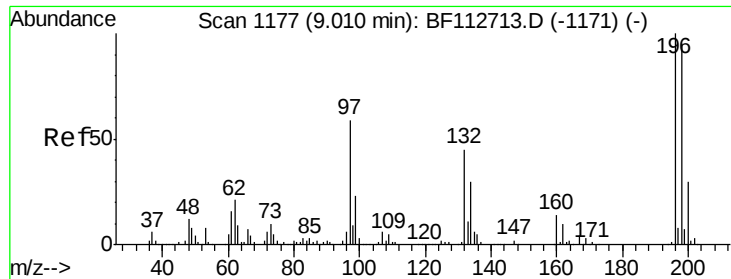
332 95.3 76.2 114.4

141 33.8 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

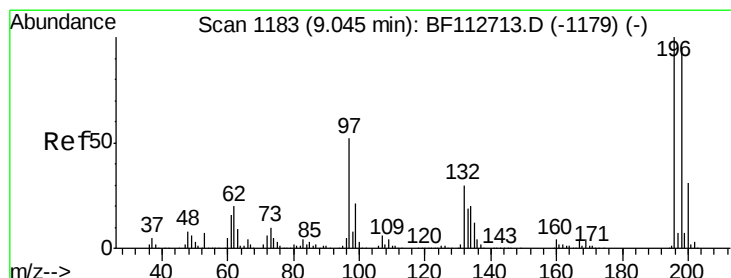
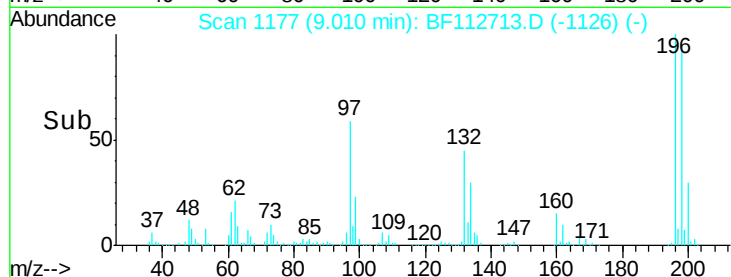
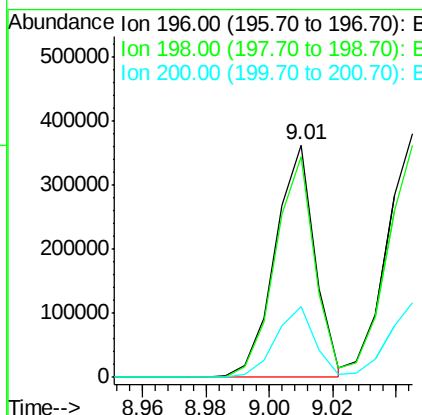
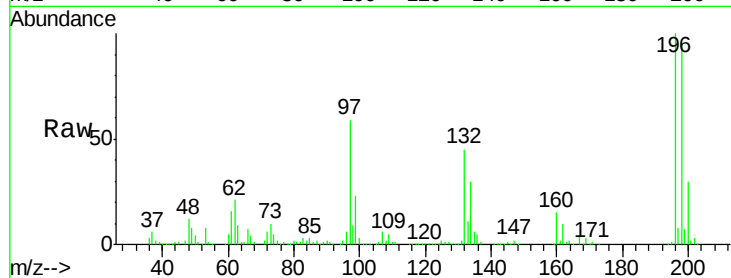




#43
 2,4,6-Trichlorophenol
 Concen: 40.463 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF112713.D
 Acq: 27 Feb 2019 11:43

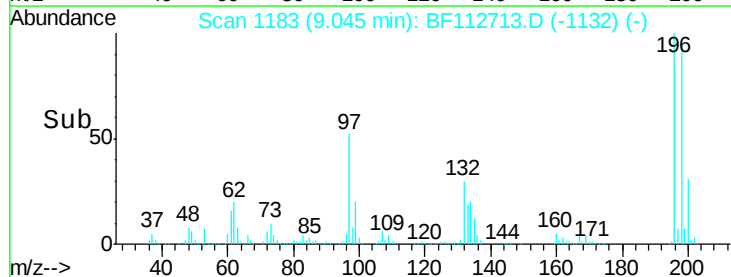
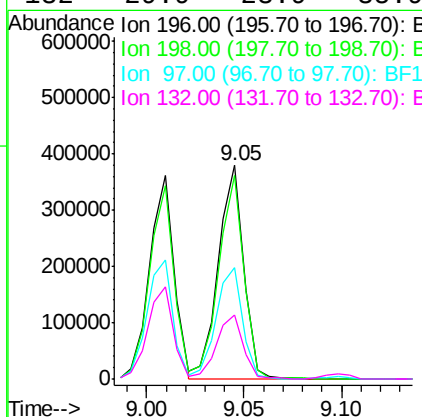
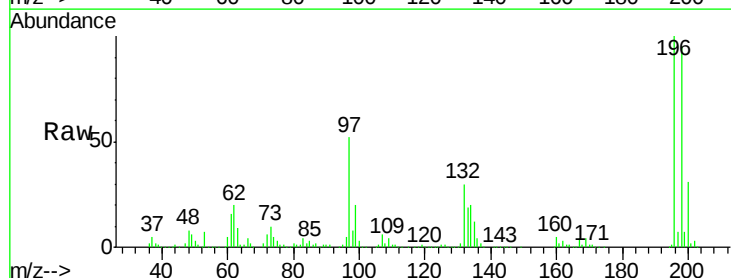
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

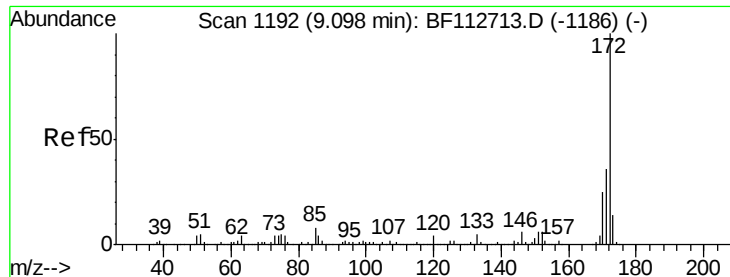
Tgt Ion:196 Resp: 316222
 Ion Ratio Lower Upper
 196 100
 198 94.8 75.8 113.8
 200 30.4 24.3 36.5



#44
 2,4,5-Trichlorophenol
 Concen: 41.783 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF112713.D
 Acq: 27 Feb 2019 11:43

Tgt Ion:196 Resp: 341277
 Ion Ratio Lower Upper
 196 100
 198 95.2 76.2 114.2
 97 51.9 41.5 62.3
 132 29.9 23.9 35.9

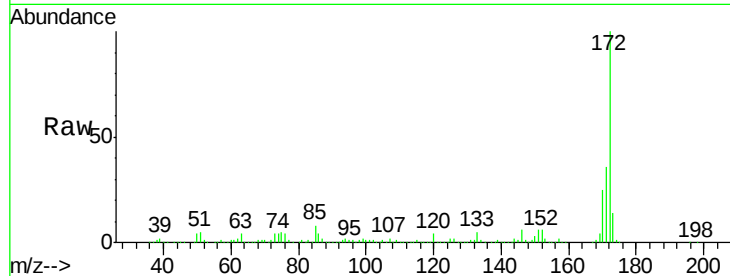




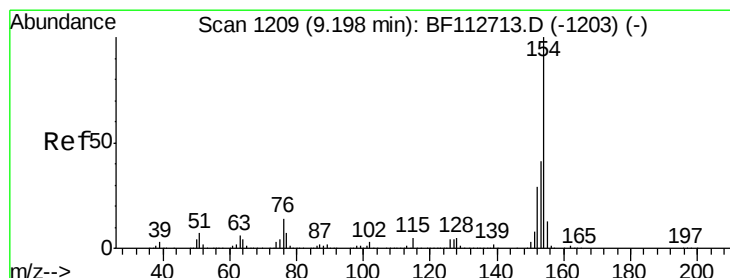
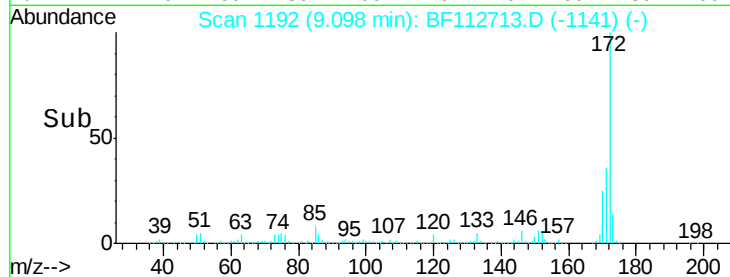
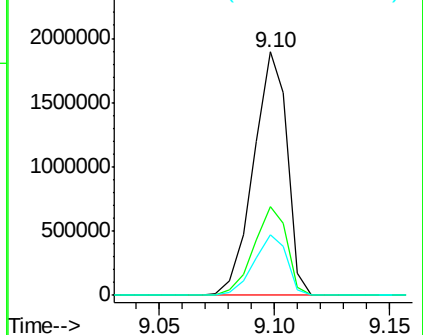
#45
2-Fluorobiphenyl
Concen: 70.276 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF112713.D
Acq: 27 Feb 2019 11:43

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:172 Resp: 1918674
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.4
170 25.0 20.0 30.0

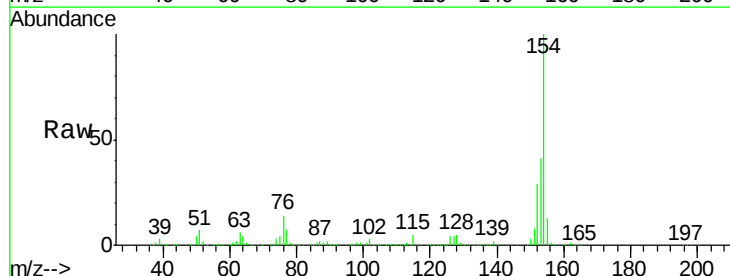


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

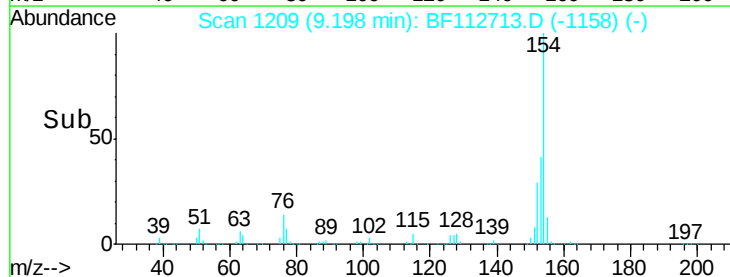
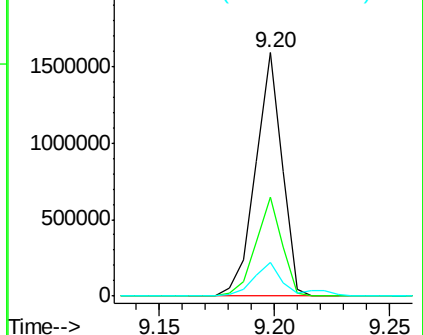


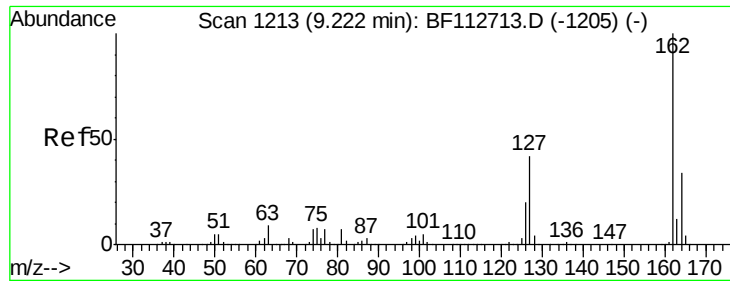
#46
1,1'-Biphenyl
Concen: 37.912 ng
RT: 9.20 min Scan# 1209
Delta R.T. 0.00 min
Lab File: BF112713.D
Acq: 27 Feb 2019 11:43

Tgt Ion:154 Resp: 1279852
Ion Ratio Lower Upper
154 100
153 40.8 20.8 60.8
76 13.8 0.0 33.8



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

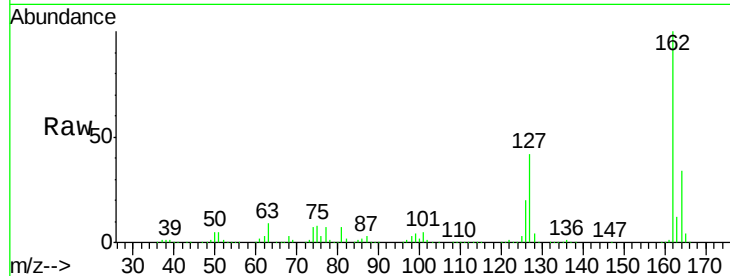




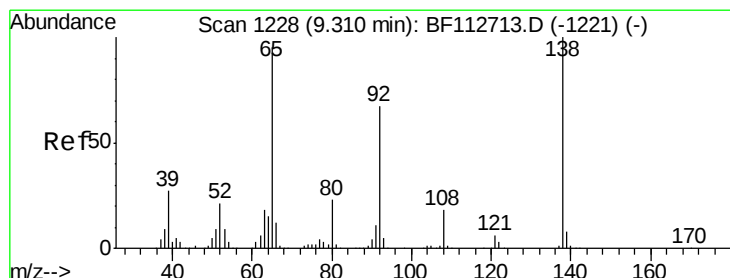
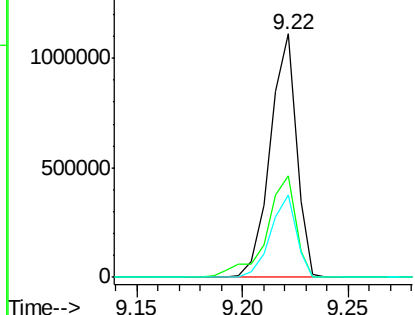
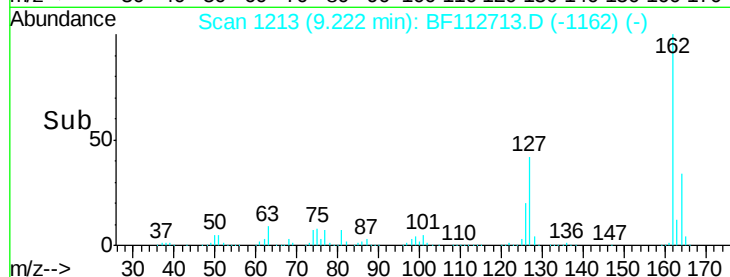
#47
 2-Chloronaphthalene
 Concen: 36.885 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF112713.D
 Acq: 27 Feb 2019 11:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.8	33.4	50.2
164	33.6	26.9	40.3

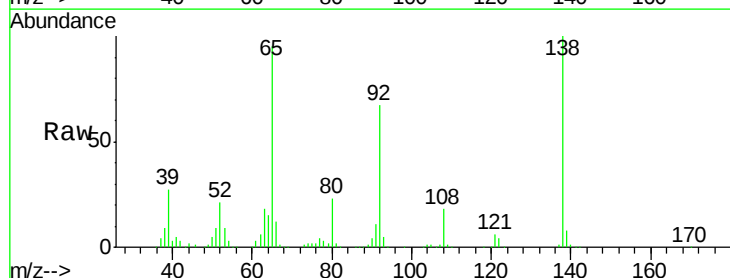


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

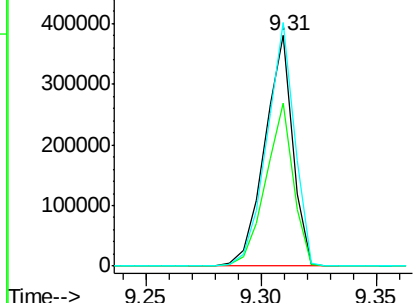
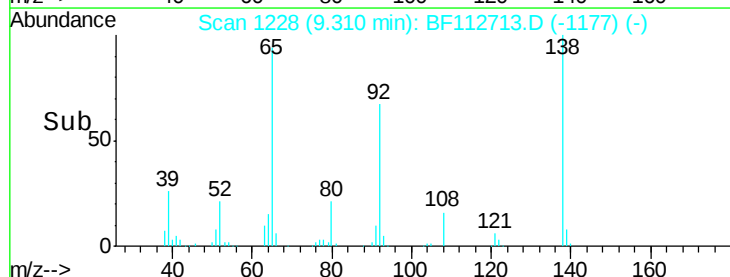


#48
 2-Nitroaniline
 Concen: 44.882 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: BF112713.D
 Acq: 27 Feb 2019 11:43

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.5	56.4	84.6
138	105.7	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: 42.659 ng

RT: 9.63 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BF112713.D

Acq: 27 Feb 2019 11:43

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

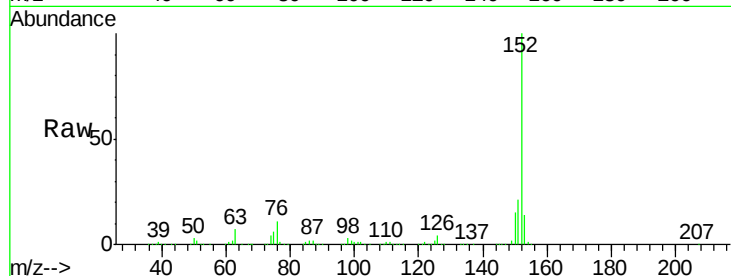
Tgt Ion:152 Resp: 1636795

Ion Ratio Lower Upper

152 100

151 21.1 16.9 25.3

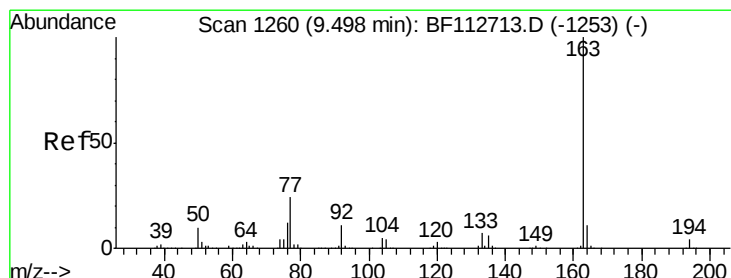
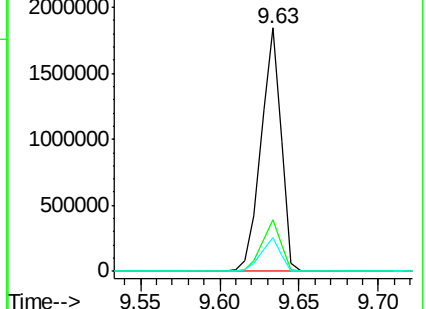
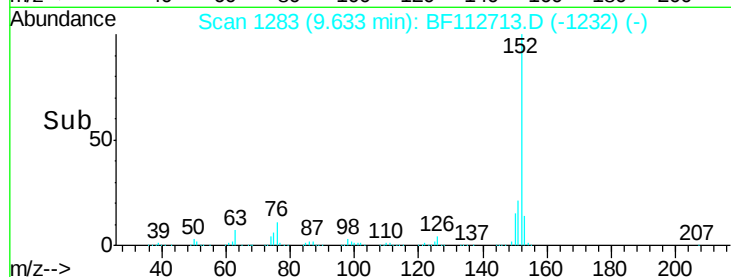
153 13.8 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.455 ng

RT: 9.50 min Scan# 1260

Delta R.T. 0.00 min

Lab File: BF112713.D

Acq: 27 Feb 2019 11:43

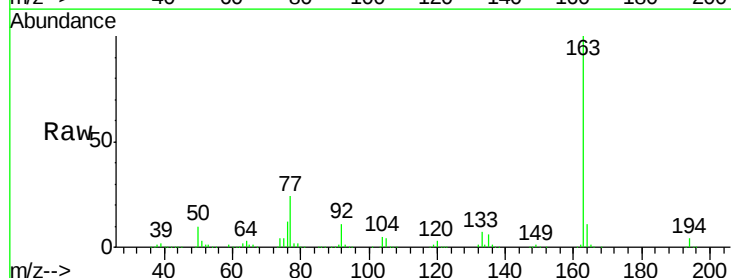
Tgt Ion:163 Resp: 1123703

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

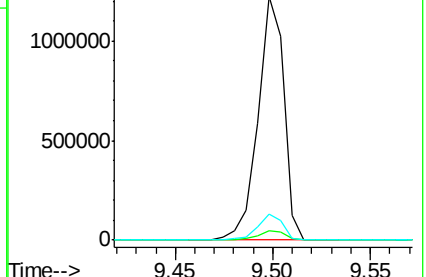
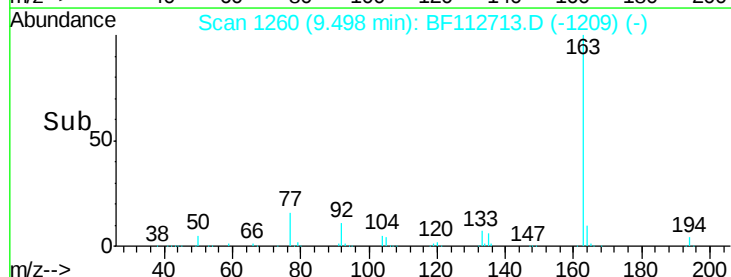
164 10.5 8.4 12.6

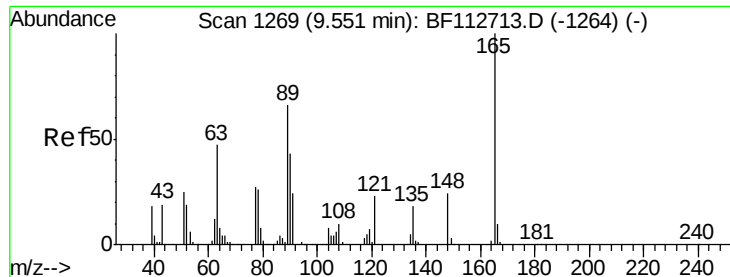


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

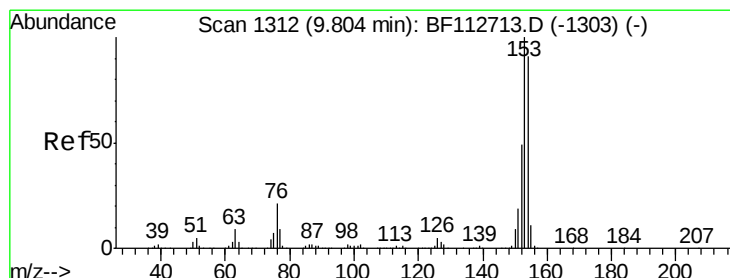
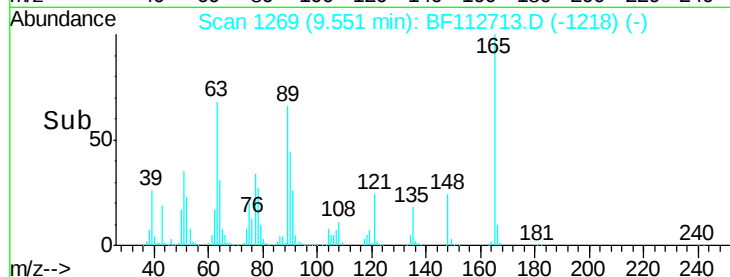
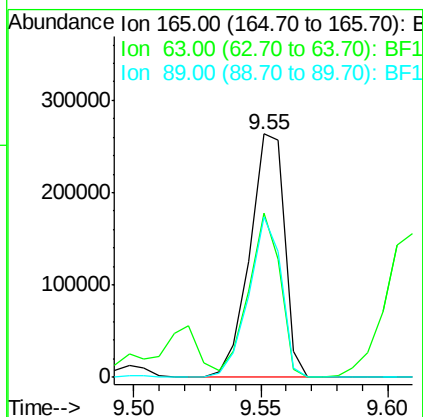
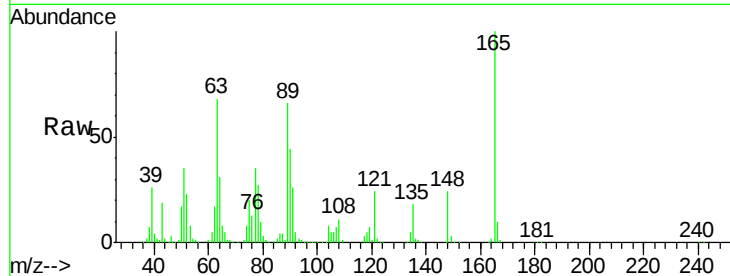




#51
 2,6-Dinitrotoluene
 Concen: 37.609 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: BF112713.D
 Acq: 27 Feb 2019 11:43

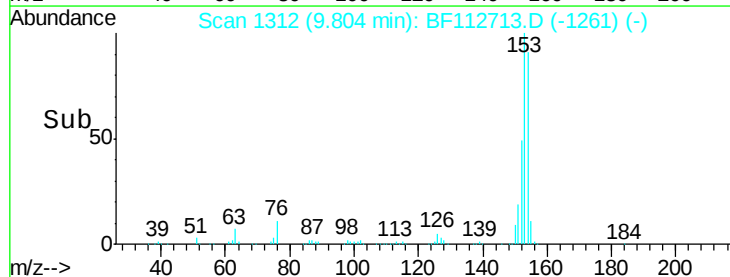
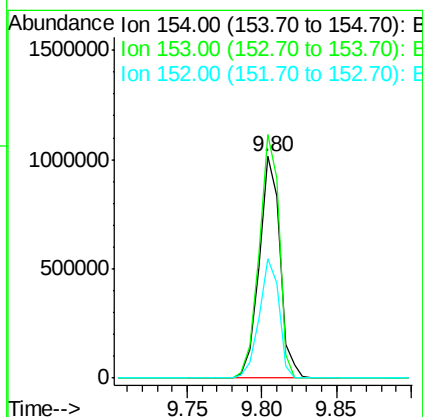
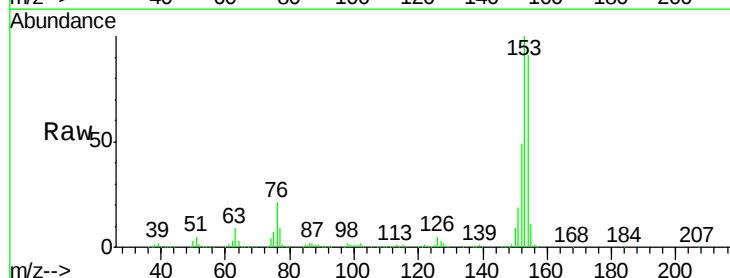
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

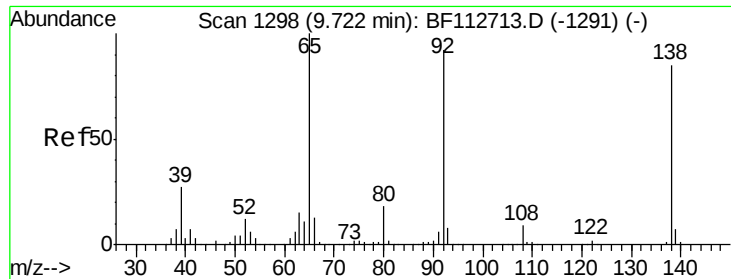
Tgt Ion:165 Resp: 252700
 Ion Ratio Lower Upper
 165 100
 63 67.6 54.1 81.1
 89 66.0 52.8 79.2



#52
 Acenaphthene
 Concen: 42.154 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. 0.00 min
 Lab File: BF112713.D
 Acq: 27 Feb 2019 11:43

Tgt Ion:154 Resp: 966223
 Ion Ratio Lower Upper
 154 100
 153 109.8 87.8 131.8
 152 53.8 43.0 64.6

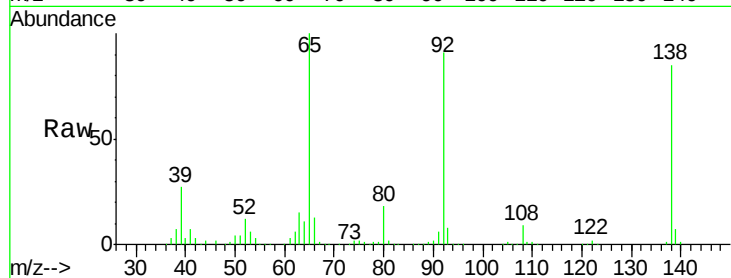




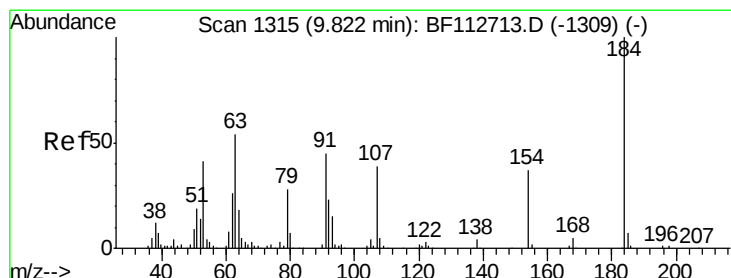
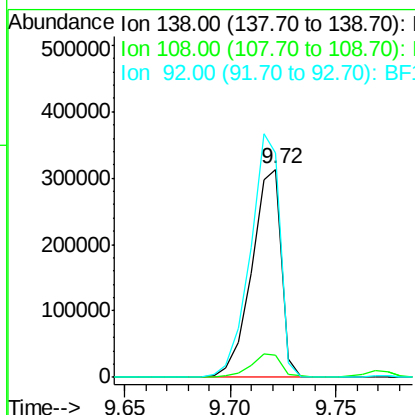
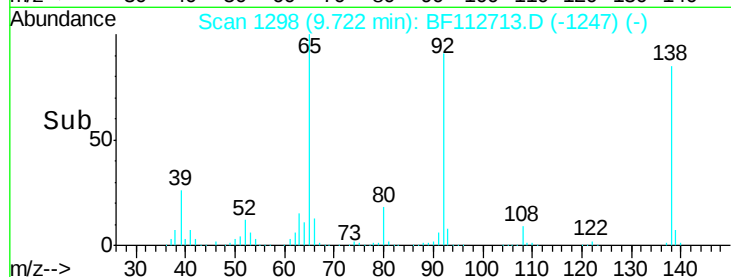
#53
3-Nitroaniline
Concen: 41.989 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BF112713.D
Acq: 27 Feb 2019 11:43

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:138 Resp: 305657
Ion Ratio Lower Upper
138 100
108 10.8 8.6 13.0
92 108.2 86.6 129.8

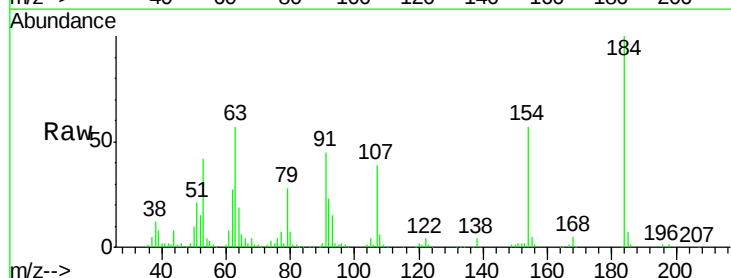


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

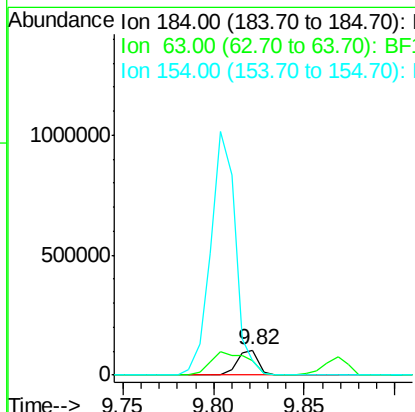
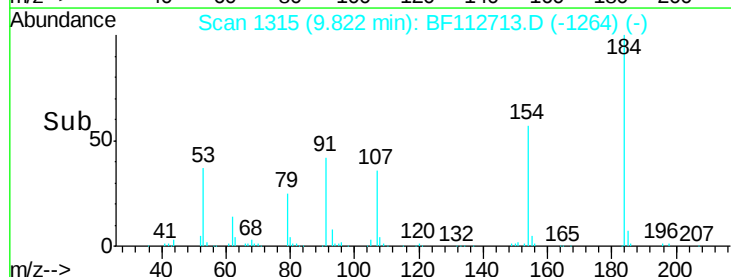


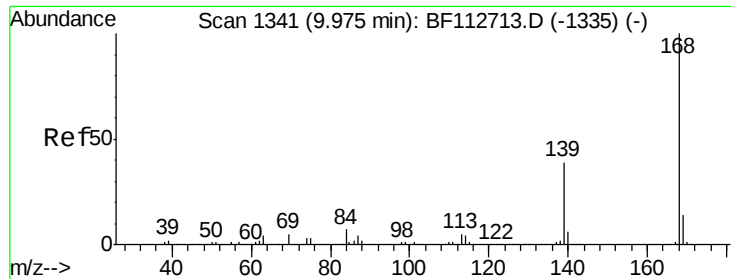
#54
2,4-Dinitrophenol
Concen: 40.020 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BF112713.D
Acq: 27 Feb 2019 11:43

Tgt Ion:184 Resp: 86297
Ion Ratio Lower Upper
184 100
63 56.6 45.3 67.9
154 57.5 46.0 69.0



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

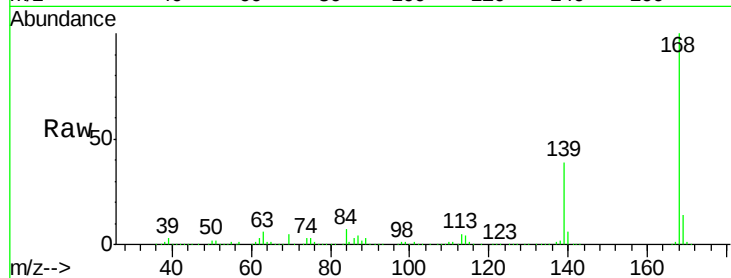




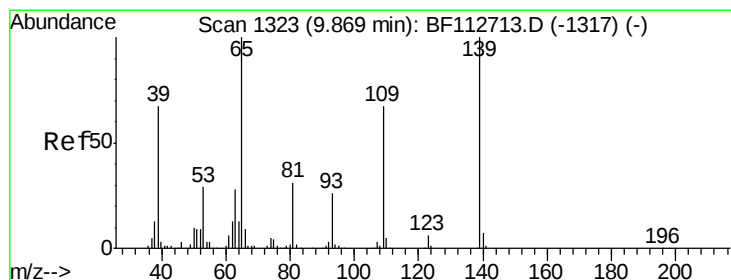
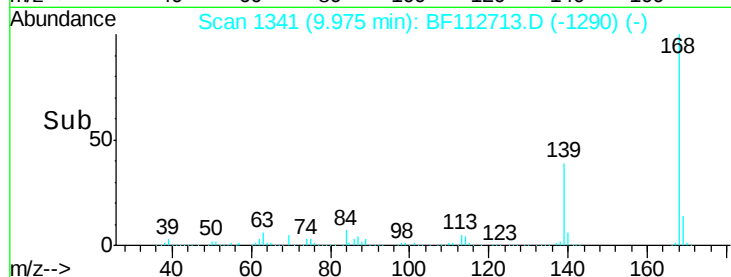
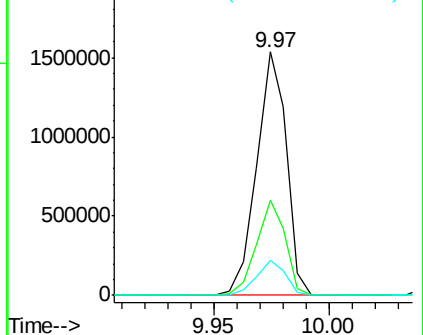
#55
Dibenzofuran
Concen: 39.433 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF112713.D
Acq: 27 Feb 2019 11:43

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:168 Resp: 1381225
Ion Ratio Lower Upper
168 100
139 39.1 31.3 46.9
169 14.1 11.3 16.9

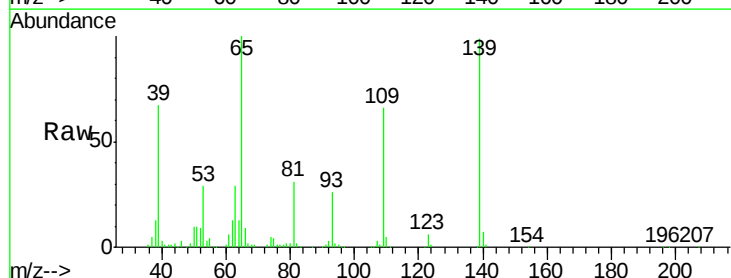


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

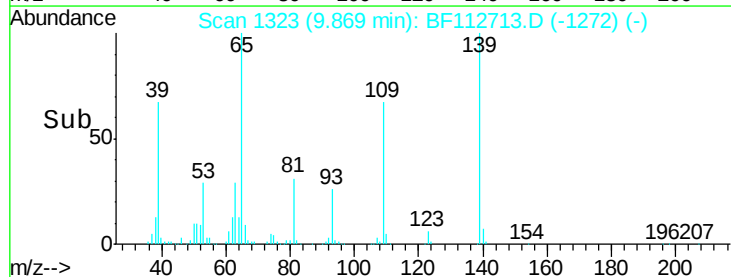
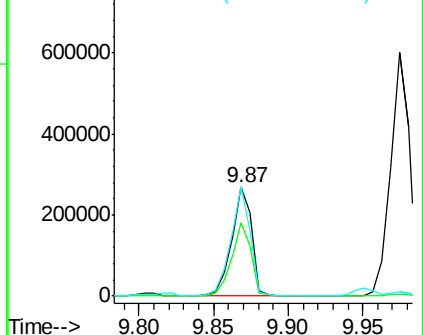


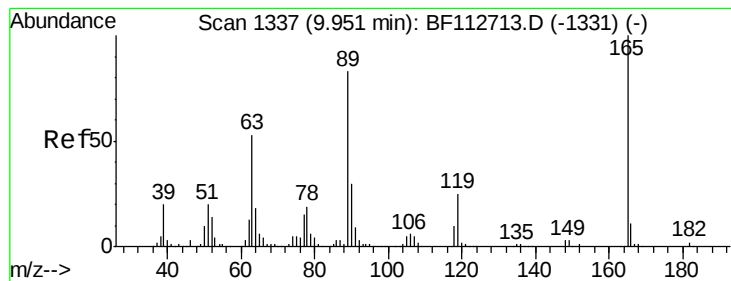
#56
4-Nitrophenol
Concen: 66.302 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF112713.D
Acq: 27 Feb 2019 11:43

Tgt Ion:139 Resp: 255166
Ion Ratio Lower Upper
139 100
109 66.8 46.8 86.8
65 100.7 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: 37.240 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.00 min

Lab File: BF112713.D

Acq: 27 Feb 2019 11:43

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:165 Resp: 318554

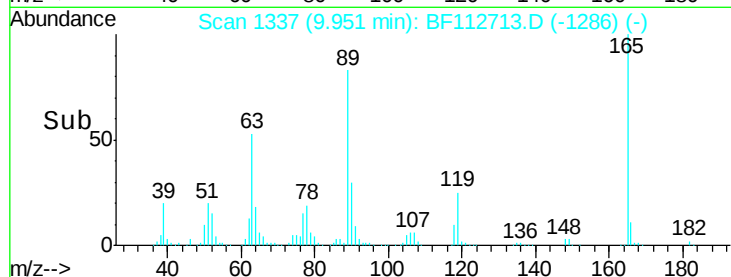
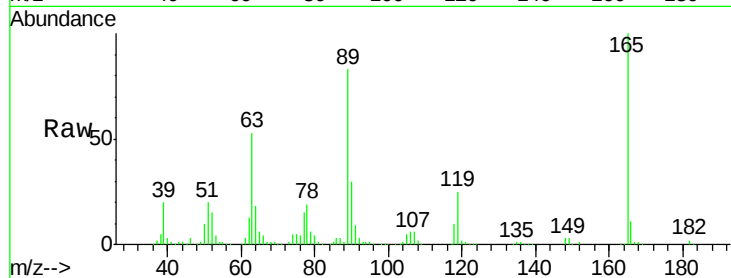
Ion Ratio Lower Upper

165 100

63 52.7 42.2 63.2

89 82.8 66.2 99.4

182 2.2 1.8 2.6

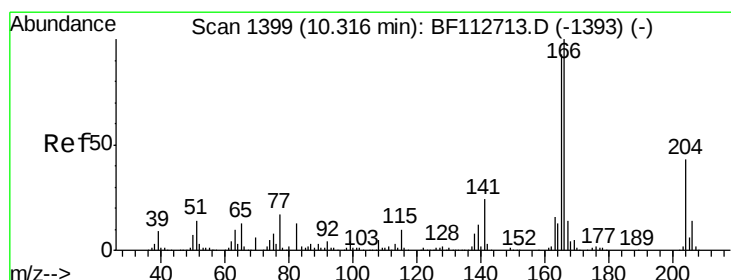
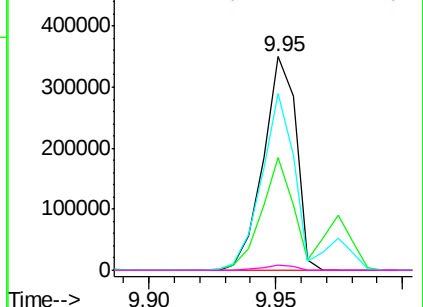


Abundance Ion 165.00 (164.70 to 165.70): E

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: 37.441 ng

RT: 10.32 min Scan# 1399

Delta R.T. 0.00 min

Lab File: BF112713.D

Acq: 27 Feb 2019 11:43

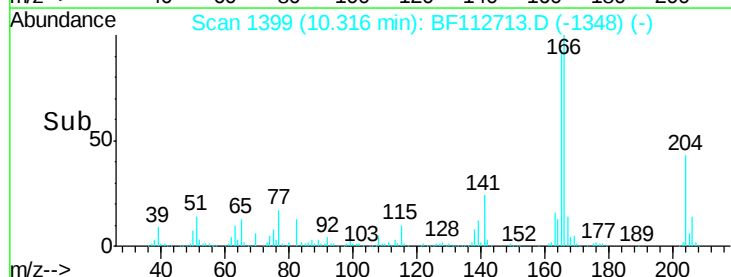
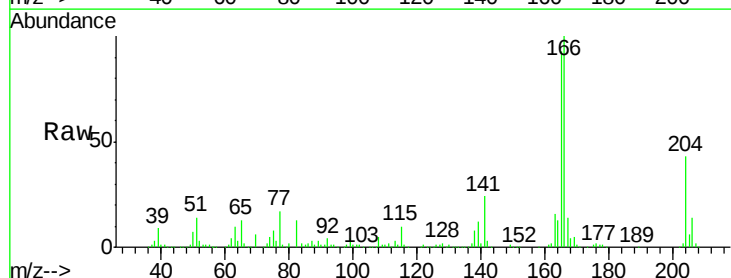
Tgt Ion:166 Resp: 981384

Ion Ratio Lower Upper

166 100

165 93.4 74.7 112.1

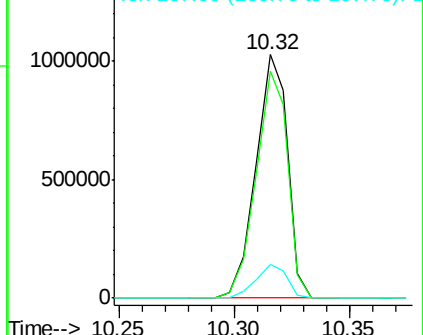
167 13.8 11.0 16.6

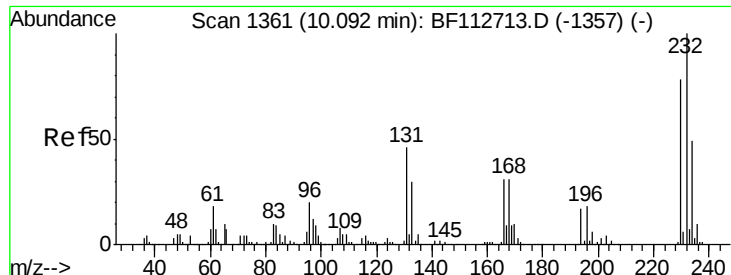


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

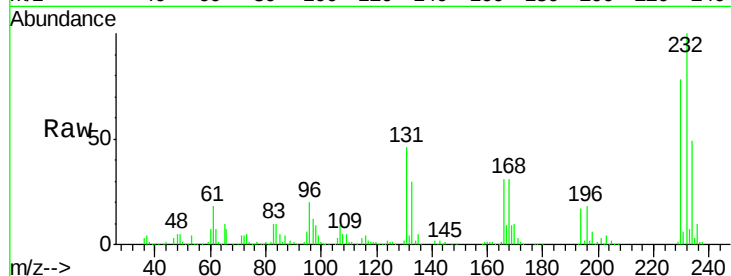




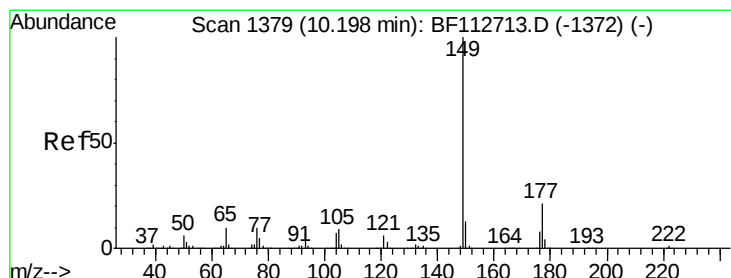
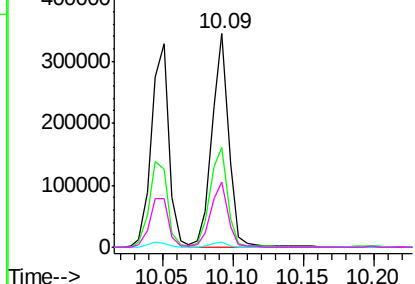
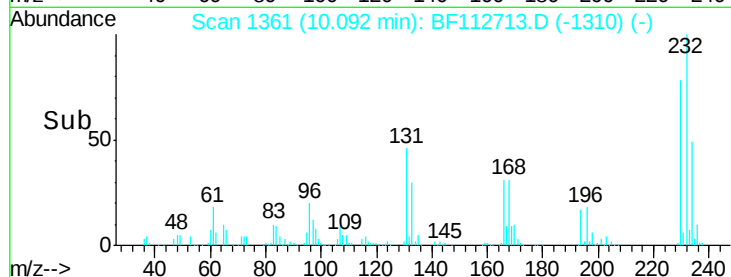
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.232 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF112713.D
Acq: 27 Feb 2019 11:43

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 232 Resp: 285363
Ion Ratio Lower Upper
232 100
131 48.4 38.7 58.1
130 2.4 1.9 2.9
166 31.5 25.2 37.8

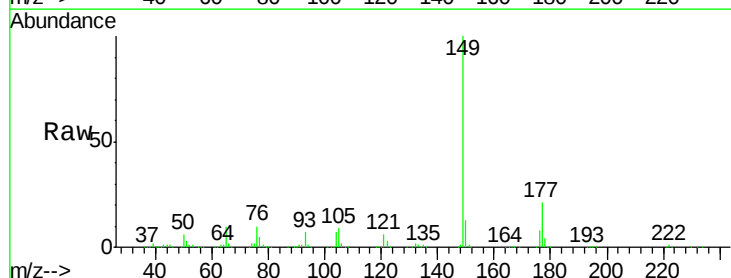


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

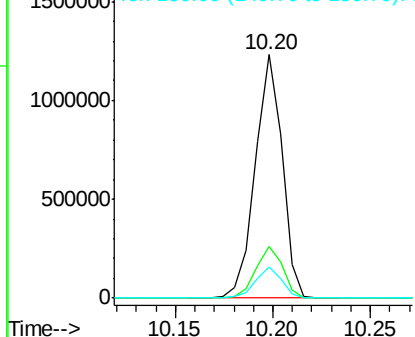
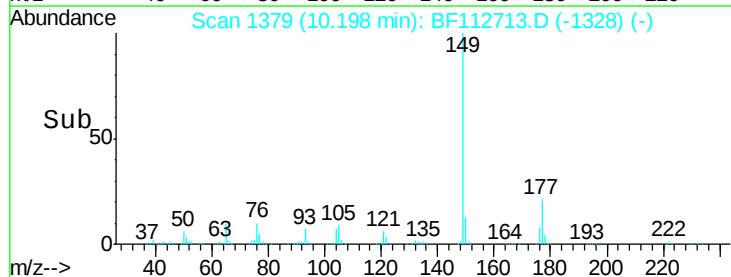


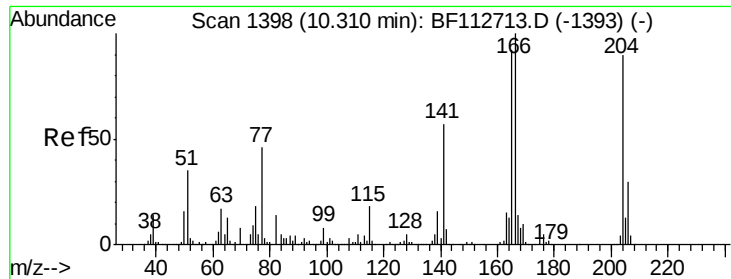
#60
Diethylphthalate
Concen: 39.578 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BF112713.D
Acq: 27 Feb 2019 11:43

Tgt Ion: 149 Resp: 1178365
Ion Ratio Lower Upper
149 100
177 21.3 17.0 25.6
150 12.5 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

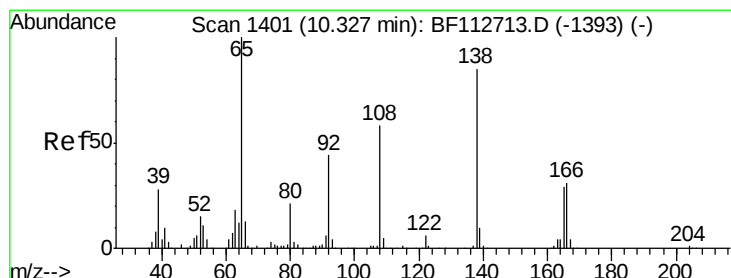
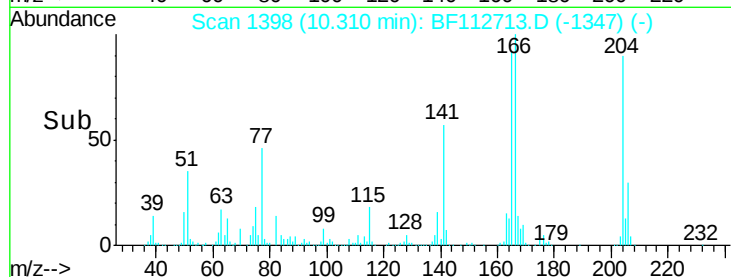
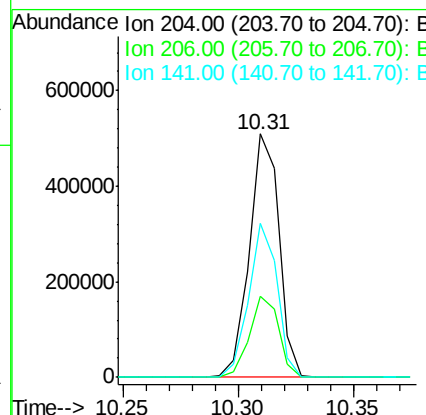
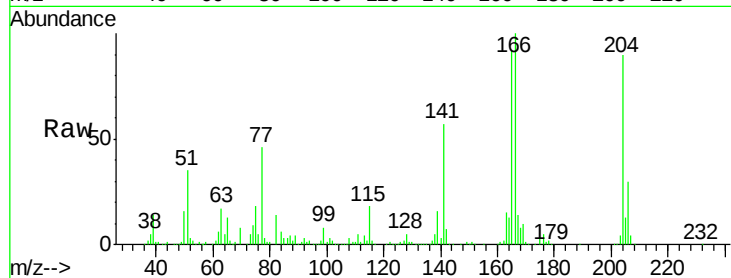




#61
4-Chlorophenyl-phenylether
Concen: 32.097 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF112713.D
Acq: 27 Feb 2019 11:43

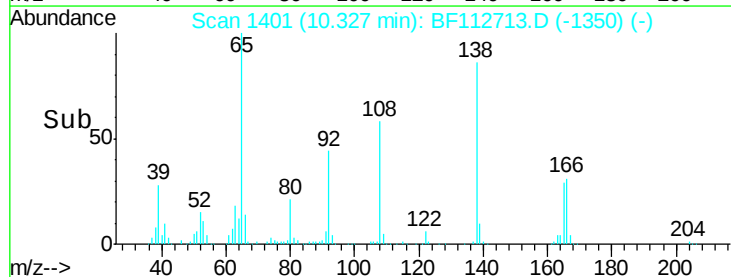
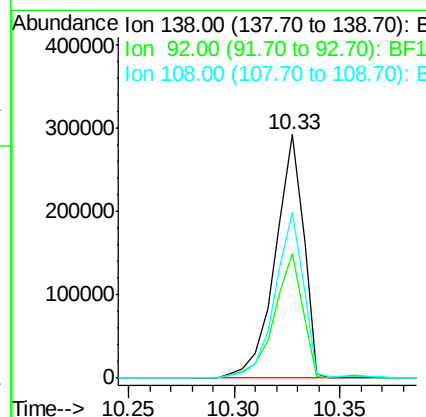
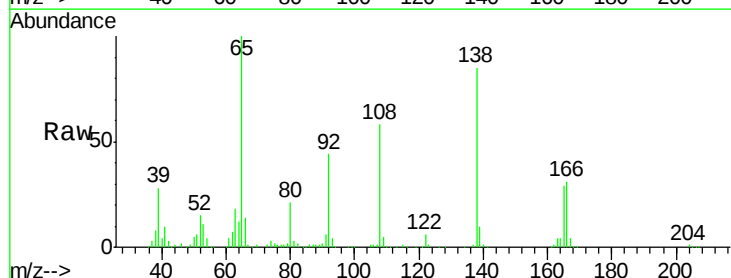
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

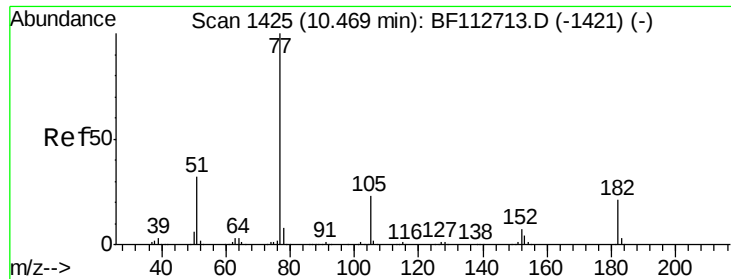
Tgt Ion: 204 Resp: 457648
Ion Ratio Lower Upper
204 100
206 33.3 26.6 40.0
141 63.5 50.8 76.2



#62
4-Nitroaniline
Concen: 38.462 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.00 min
Lab File: BF112713.D
Acq: 27 Feb 2019 11:43

Tgt Ion: 138 Resp: 274622
Ion Ratio Lower Upper
138 100
92 51.3 31.3 71.3
108 68.1 48.1 88.1





#63

Azobenzene

Concen: 46.460 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.00 min

Lab File: BF112713.D

Acq: 27 Feb 2019 11:43

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 77 Resp: 1216539

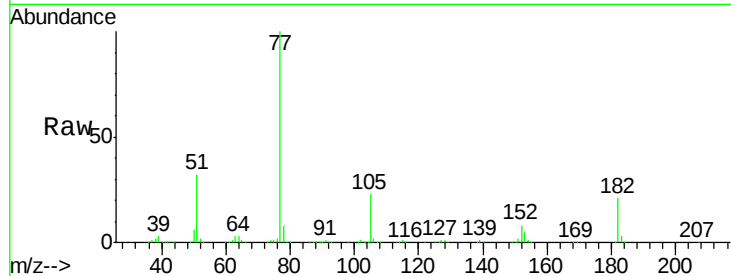
Ion Ratio Lower Upper

77 100

182 21.4 1.4 41.4

105 22.6 2.6 42.6

51 32.0 12.0 52.0

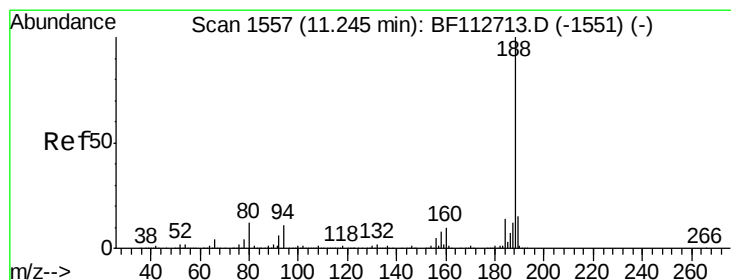
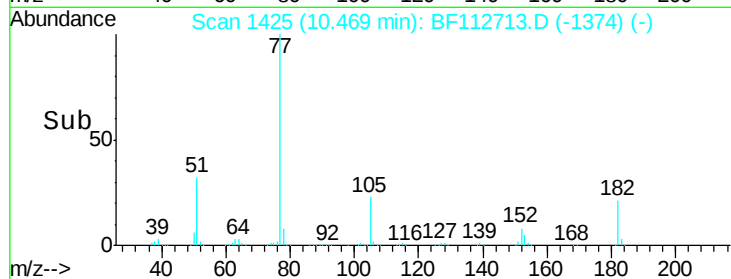
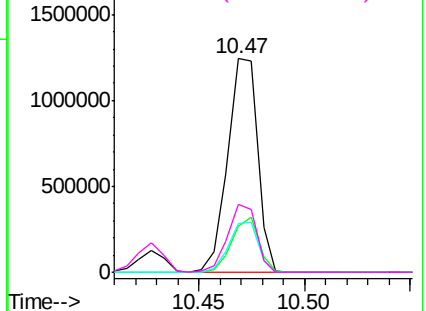


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF112713.D

Acq: 27 Feb 2019 11:43

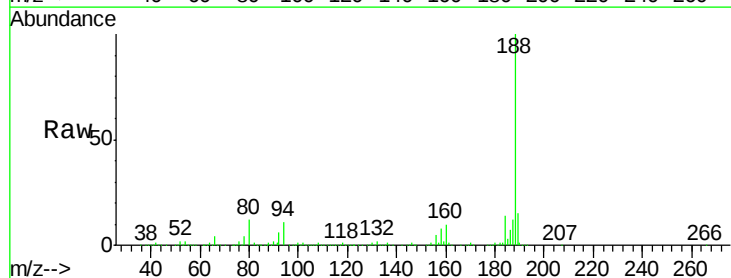
Tgt Ion: 188 Resp: 747923

Ion Ratio Lower Upper

188 100

94 11.2 9.0 13.4

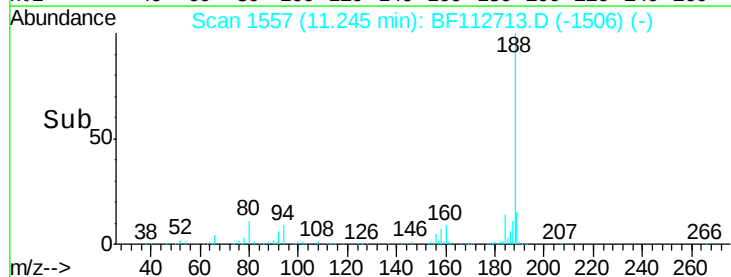
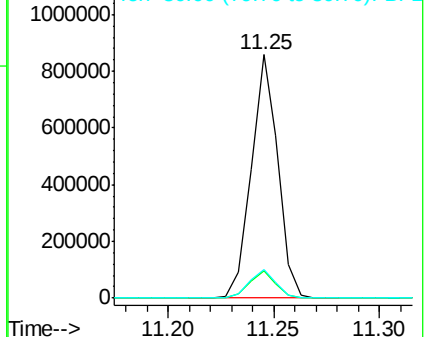
80 11.5 9.2 13.8



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: 28.555 ng

RT: 10.36 min Scan# 1406

Delta R.T. 0.00 min

Lab File: BF112713.D

Acq: 27 Feb 2019 11:43

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

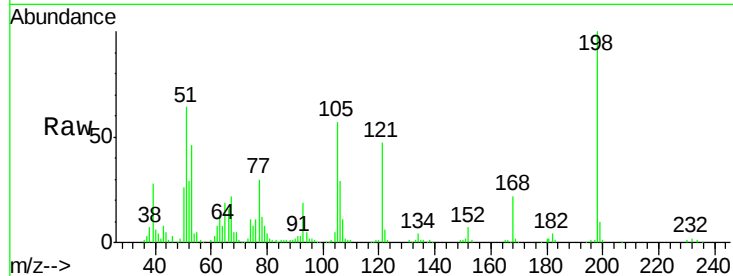
Tgt Ion:198 Resp: 119740

Ion Ratio Lower Upper

198 100

51 63.8 43.8 83.8

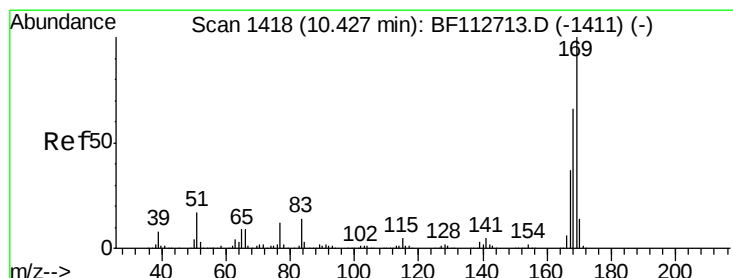
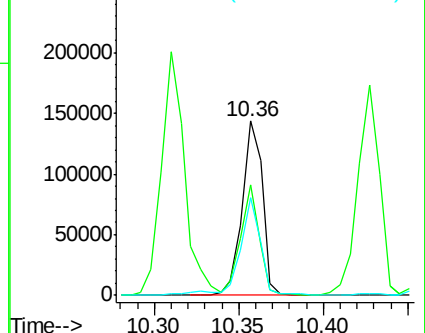
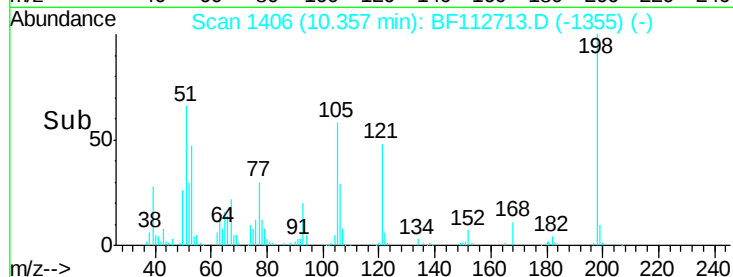
105 56.5 36.5 76.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.028 ng

RT: 10.43 min Scan# 1418

Delta R.T. 0.00 min

Lab File: BF112713.D

Acq: 27 Feb 2019 11:43

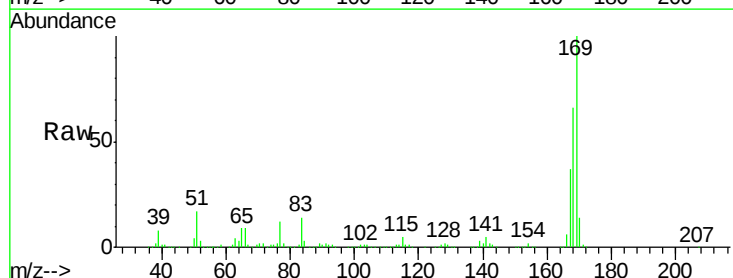
Tgt Ion:169 Resp: 958571

Ion Ratio Lower Upper

169 100

168 66.3 53.0 79.6

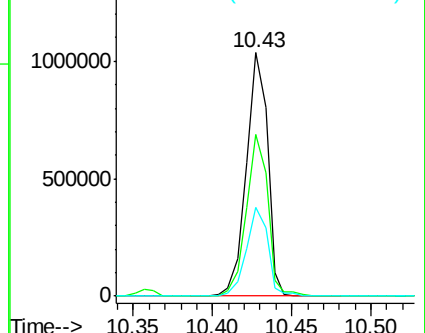
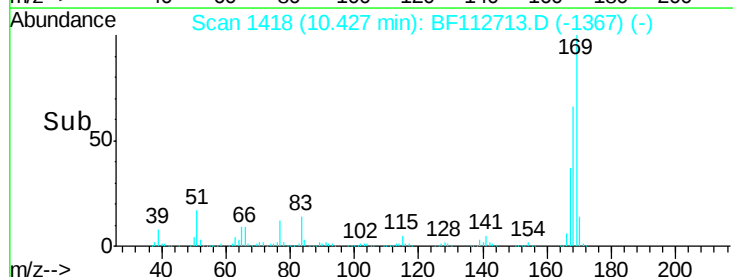
167 36.6 29.3 43.9



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

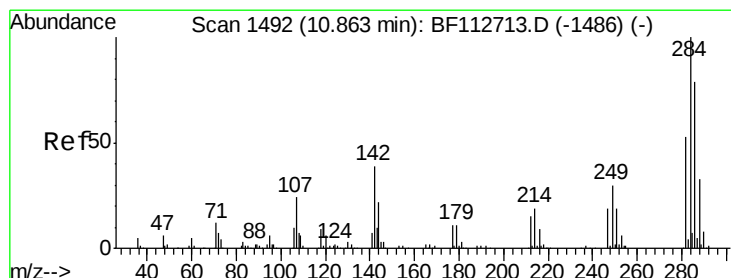
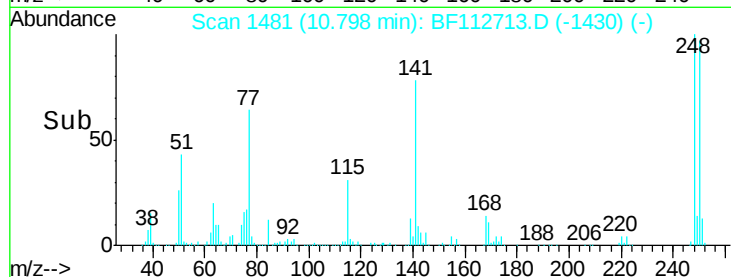
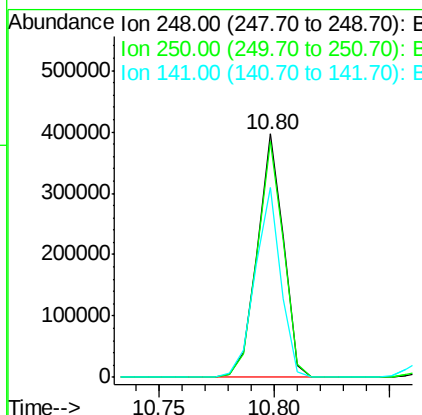
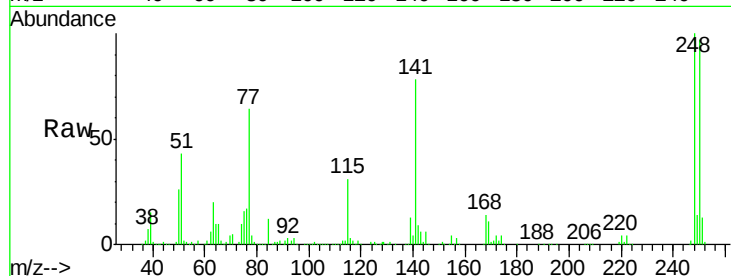




#67
 4-Bromophenyl-phenylether
 Concen: 35.687 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: BF112713.D
 Acq: 27 Feb 2019 11:43

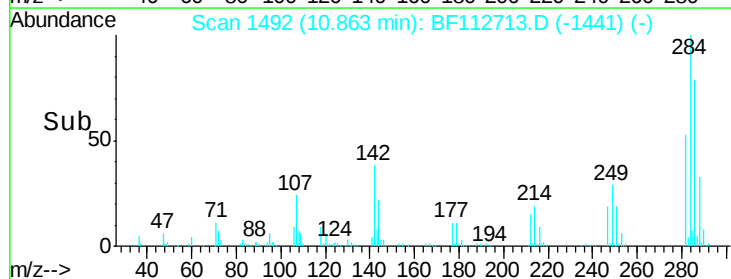
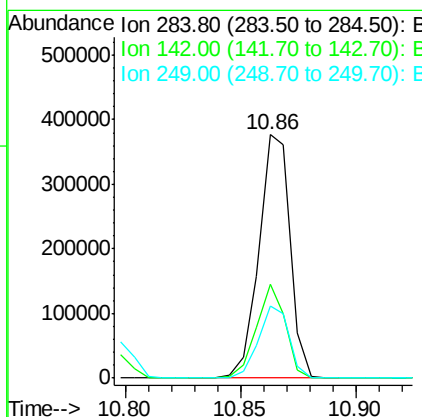
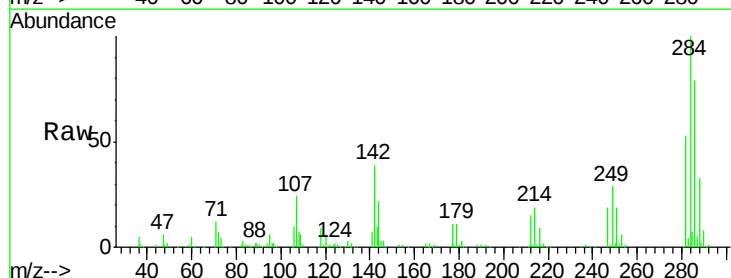
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

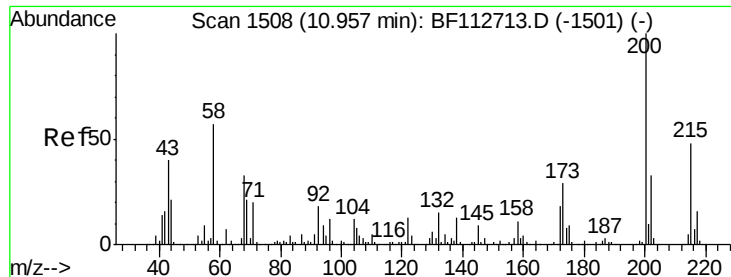
Tgt Ion:248 Resp: 313928
 Ion Ratio Lower Upper
 248 100
 250 96.9 77.5 116.3
 141 78.0 62.4 93.6



#68
 Hexachlorobenzene
 Concen: 37.481 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: BF112713.D
 Acq: 27 Feb 2019 11:43

Tgt Ion:284 Resp: 353734
 Ion Ratio Lower Upper
 284 100
 142 38.8 31.0 46.6
 249 29.5 23.6 35.4

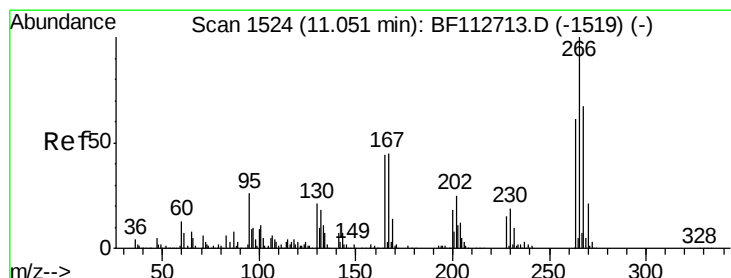
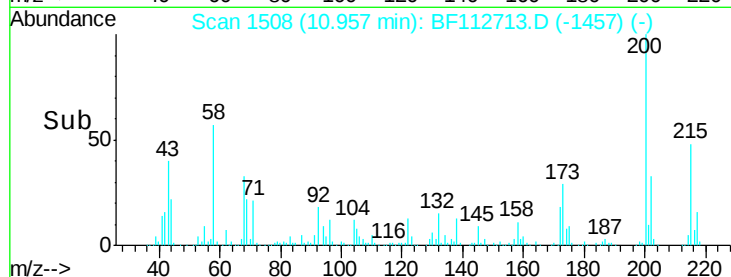
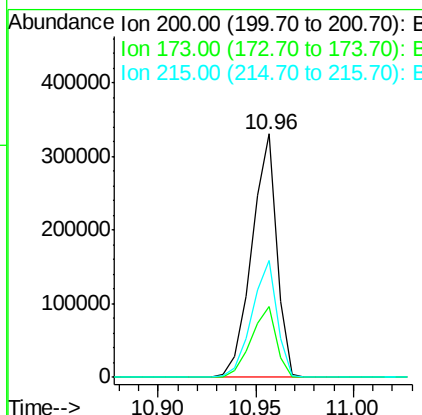
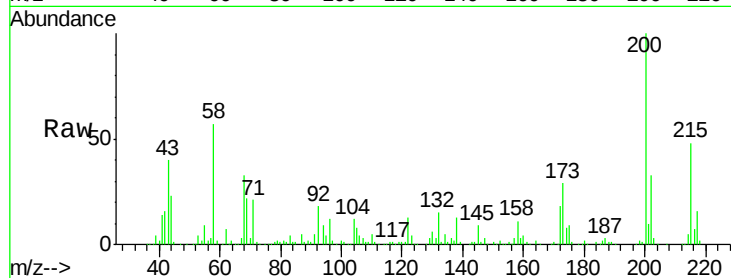




#69
Atrazine
Concen: 35.903 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BF112713.D
Acq: 27 Feb 2019 11:43

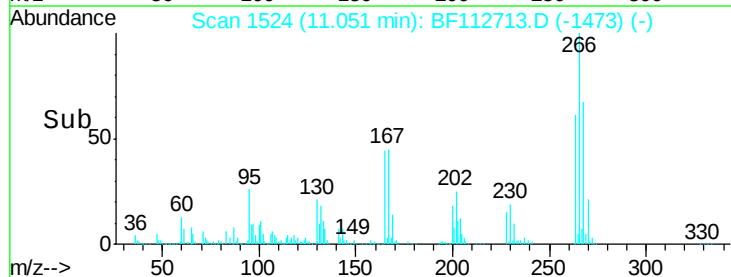
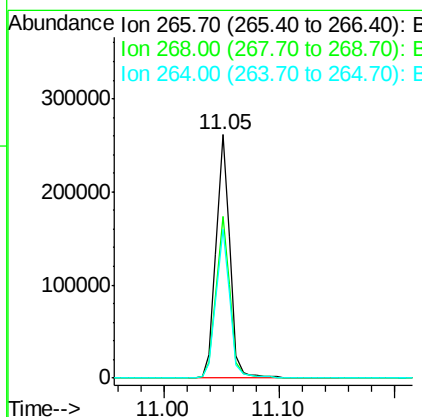
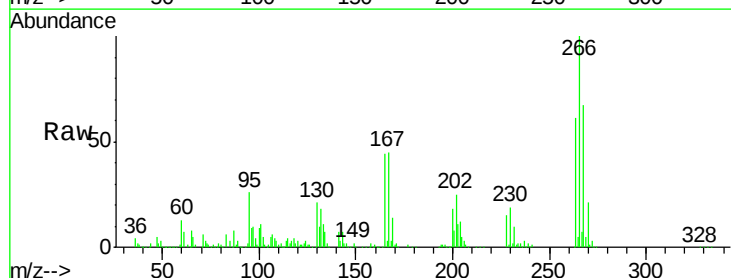
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

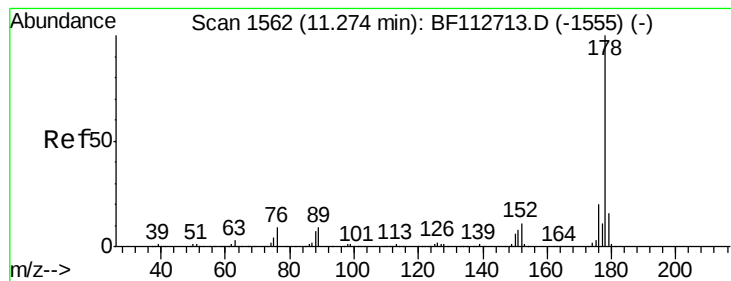
Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.1	9.1	49.1
215	48.2	28.2	68.2



#70
Pentachlorophenol
Concen: 59.822 ng
RT: 11.05 min Scan# 1524
Delta R.T. 0.00 min
Lab File: BF112713.D
Acq: 27 Feb 2019 11:43

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.6	53.3	79.9
264	61.1	48.9	73.3





#71

Phenanthrene

Concen: 38.897 ng

RT: 11.27 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BF112713.D

Acq: 27 Feb 2019 11:43

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

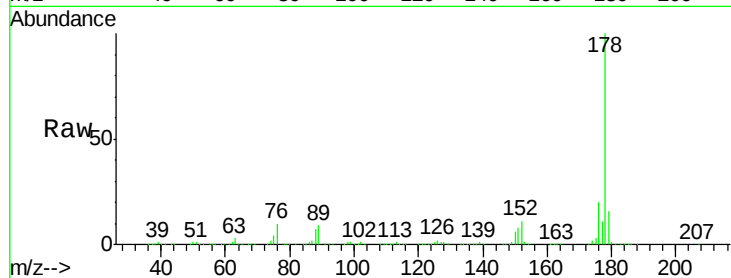
Tgt Ion:178 Resp: 1512466

Ion Ratio Lower Upper

178 100

176 20.4 16.3 24.5

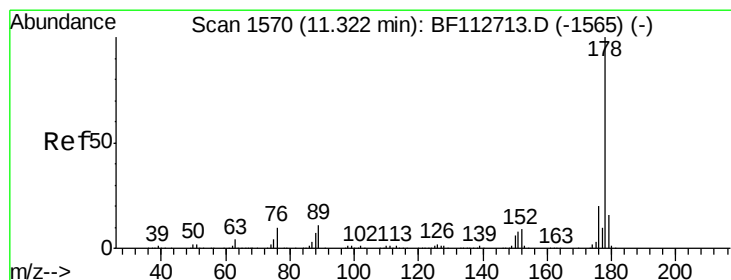
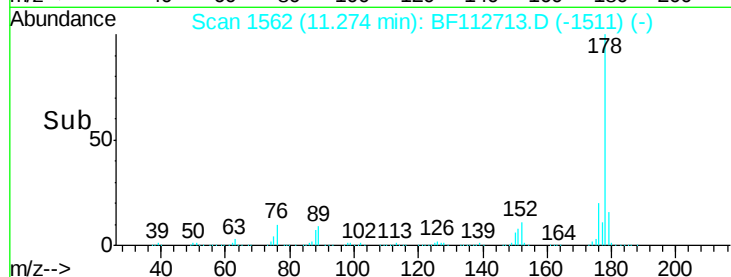
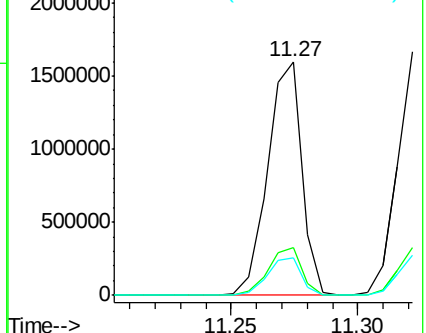
179 15.9 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.666 ng

RT: 11.32 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BF112713.D

Acq: 27 Feb 2019 11:43

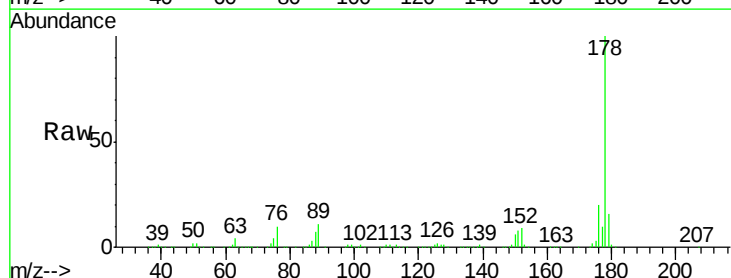
Tgt Ion:178 Resp: 1536388

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.6

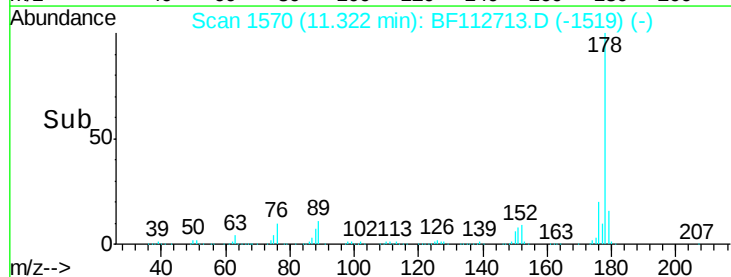
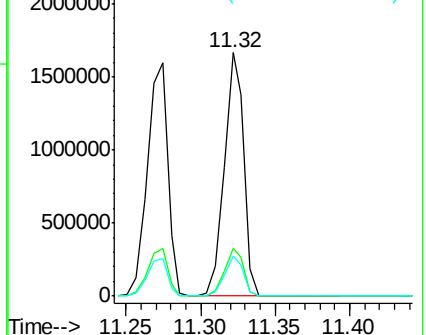
179 16.3 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

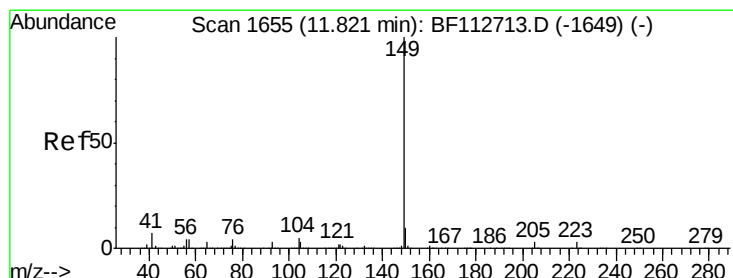
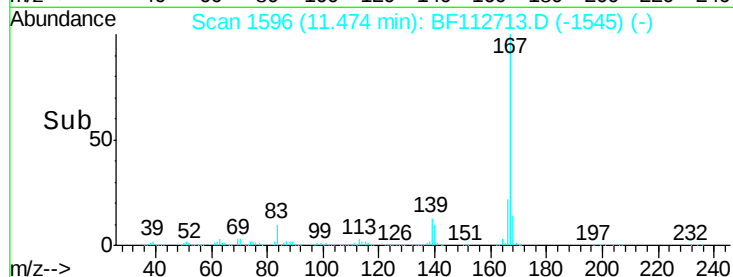
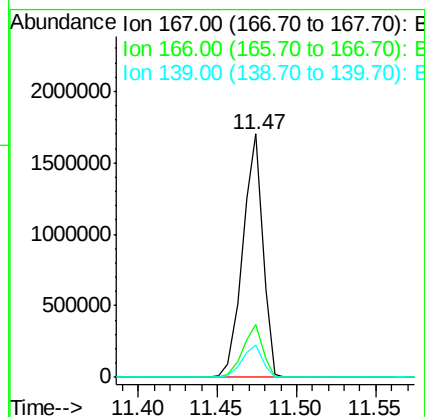
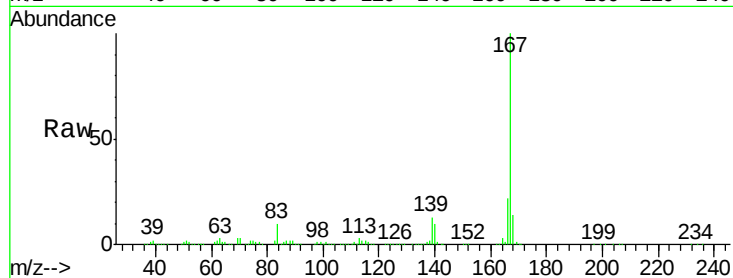




#73
 Carbazole
 Concen: 38.905 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. 0.00 min
 Lab File: BF112713.D
 Acq: 27 Feb 2019 11:43

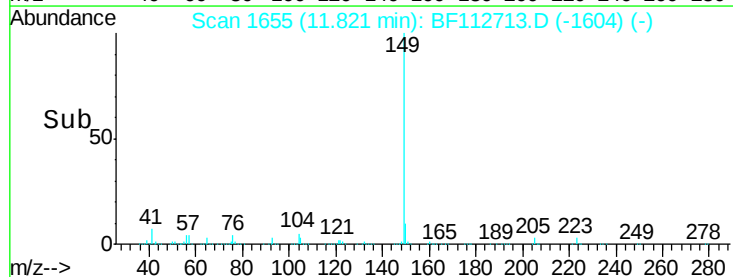
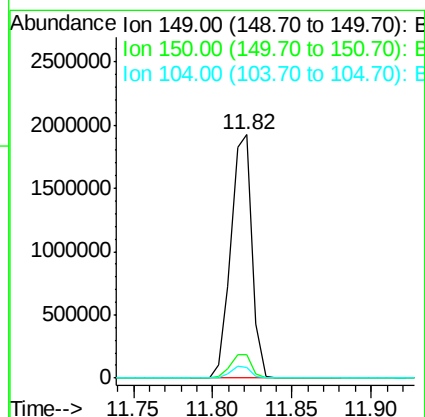
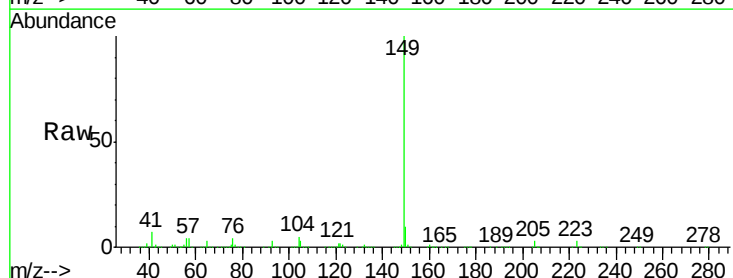
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

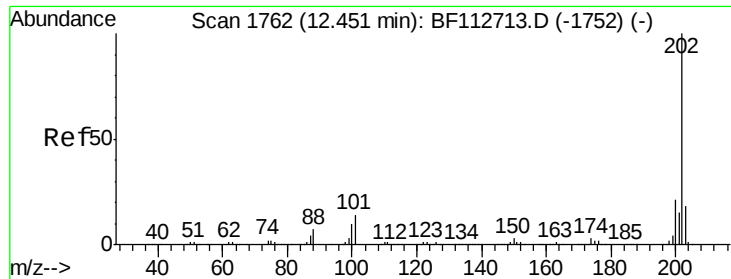
Tgt Ion:167 Resp: 1486448
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.5 26.3
 139 13.5 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 37.501 ng
 RT: 11.82 min Scan# 1655
 Delta R.T. 0.00 min
 Lab File: BF112713.D
 Acq: 27 Feb 2019 11:43

Tgt Ion:149 Resp: 1778444
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.6 11.4
 104 4.6 3.7 5.5

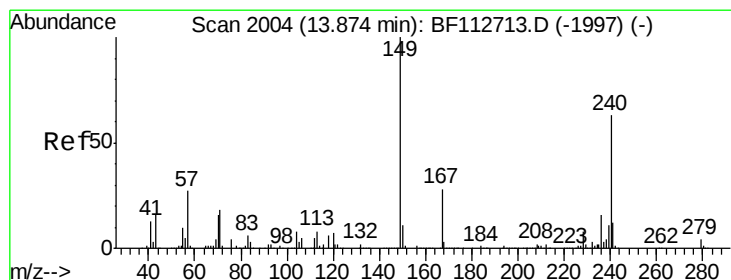
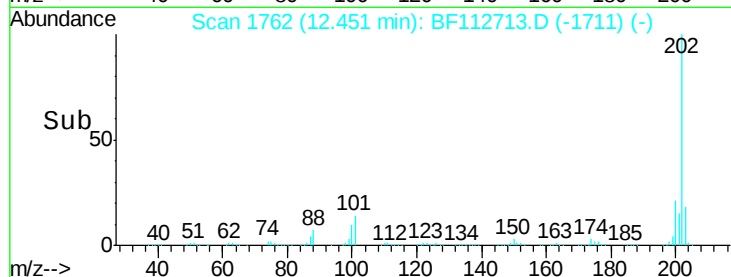
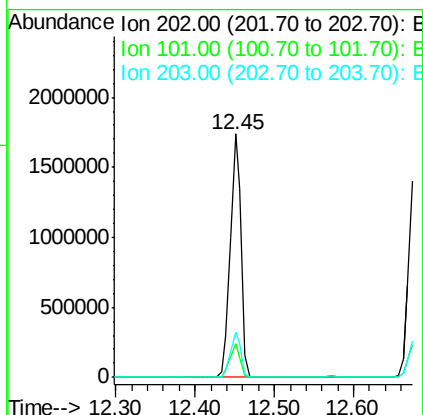
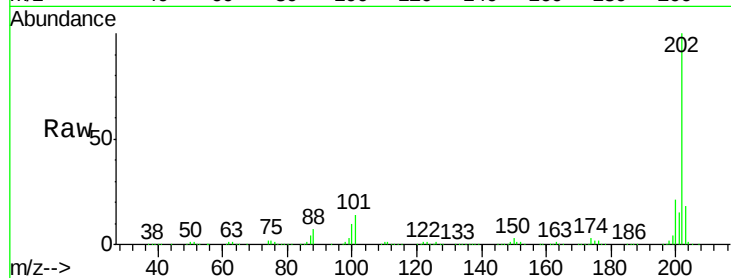




#75
 Fluoranthene
 Concen: 39.026 ng
 RT: 12.45 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: BF112713.D
 Acq: 27 Feb 2019 11:43

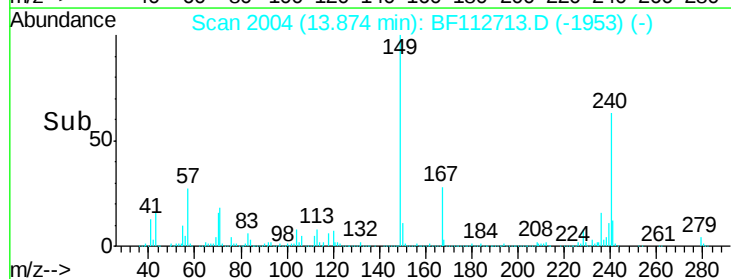
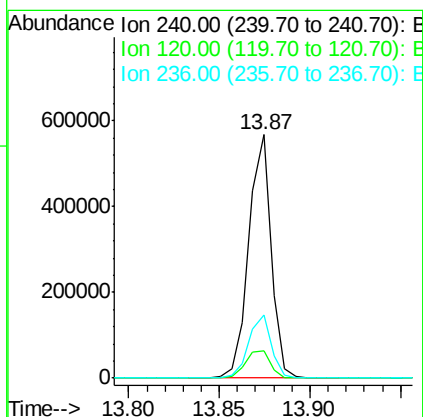
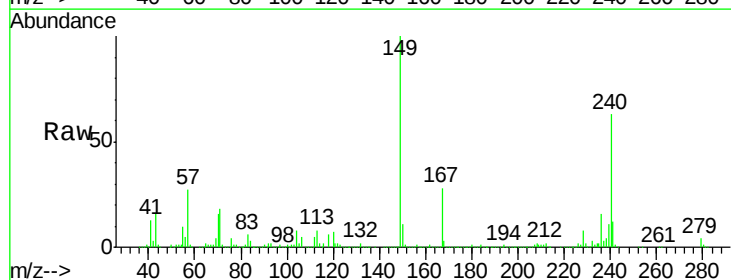
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

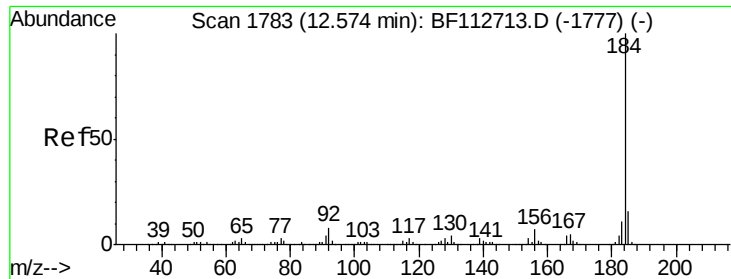
Tgt Ion: 202 Resp: 1627574
 Ion Ratio Lower Upper
 202 100
 101 13.8 0.0 33.8
 203 18.4 0.0 38.4



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. 0.00 min
 Lab File: BF112713.D
 Acq: 27 Feb 2019 11:43

Tgt Ion: 240 Resp: 487537
 Ion Ratio Lower Upper
 240 100
 120 11.1 8.9 13.3
 236 25.9 20.7 31.1





#77

Benzidine

Concen: 77.104 ng

RT: 12.57 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF112713.D

Acq: 27 Feb 2019 11:43

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

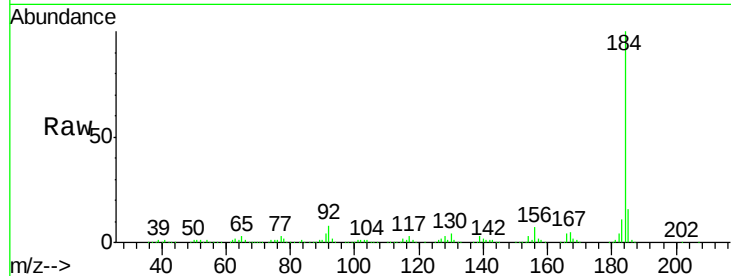
Tgt Ion:184 Resp: 1034630

Ion Ratio Lower Upper

184 100

185 15.7 12.6 18.8

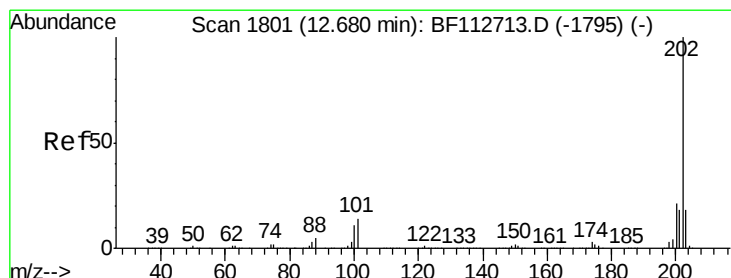
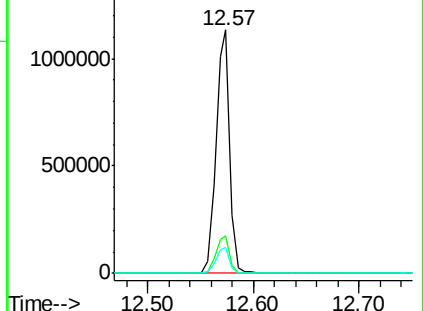
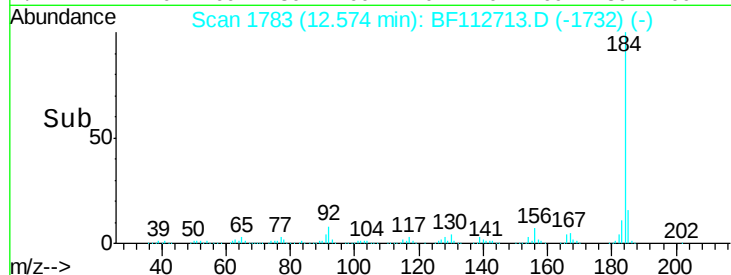
183 10.7 8.6 12.8



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: 49.096 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.00 min

Lab File: BF112713.D

Acq: 27 Feb 2019 11:43

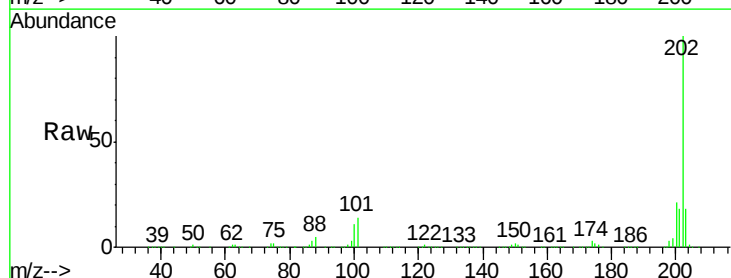
Tgt Ion:202 Resp: 1657213

Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.4

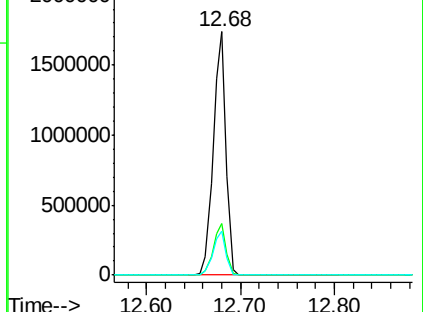
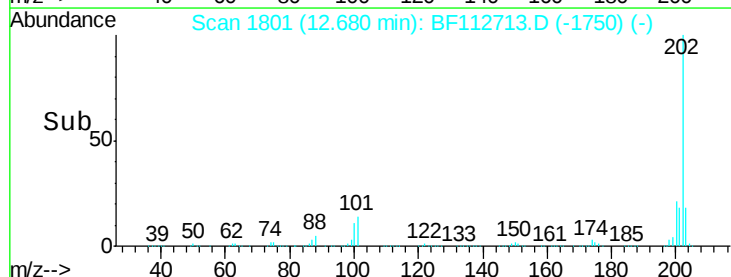
203 18.0 14.4 21.6

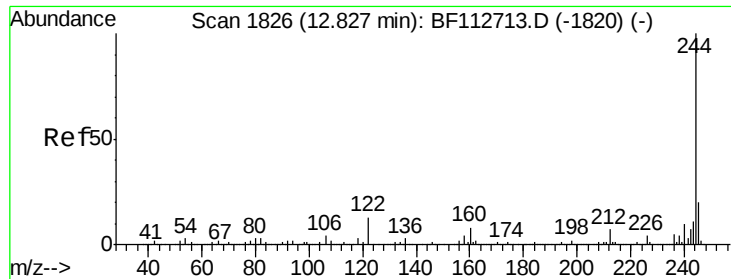


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

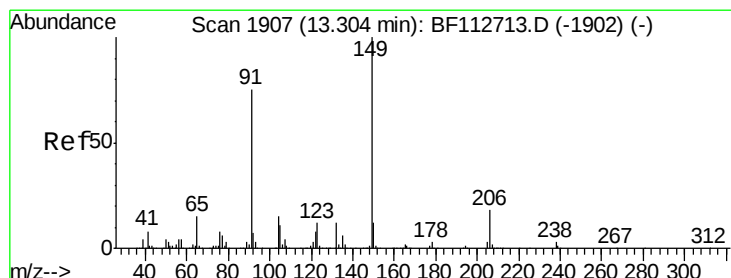
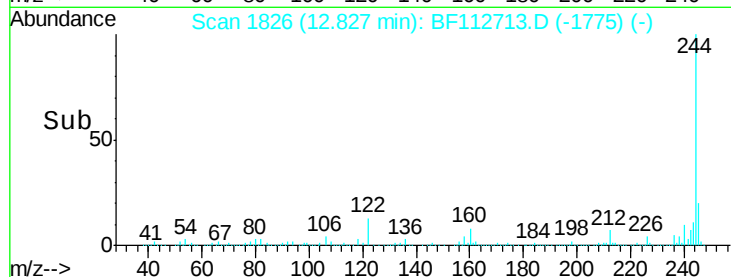
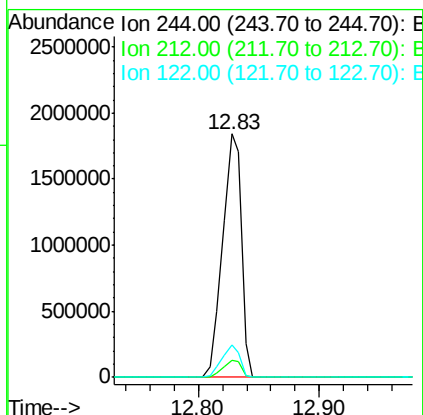
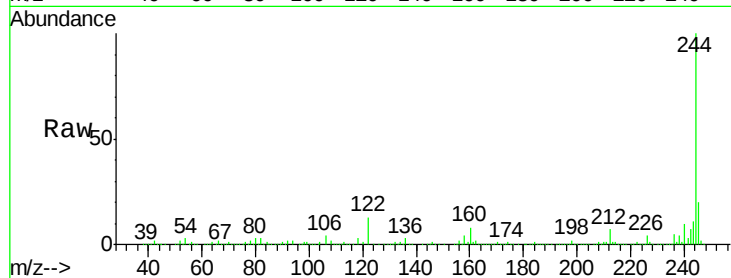




#79
 Terphenyl-d14
 Concen: 76.235 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: BF112713.D
 Acq: 27 Feb 2019 11:43

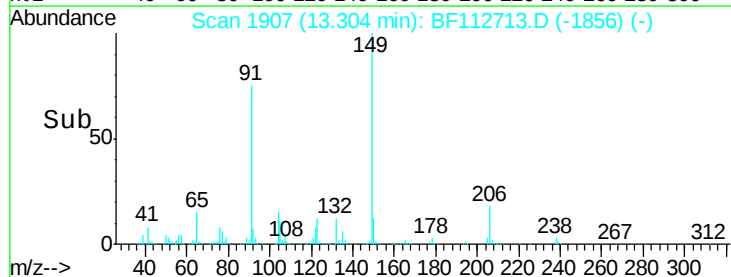
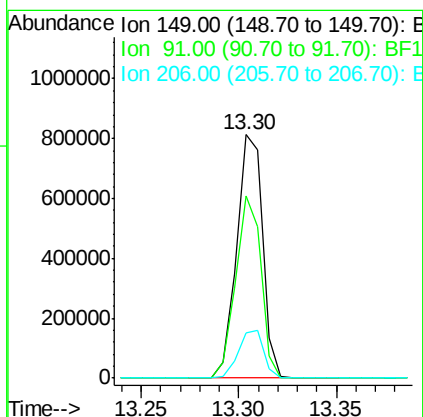
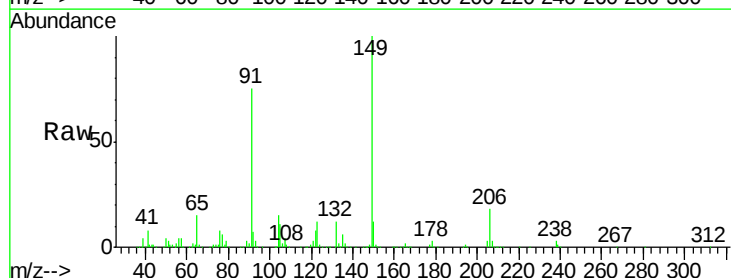
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

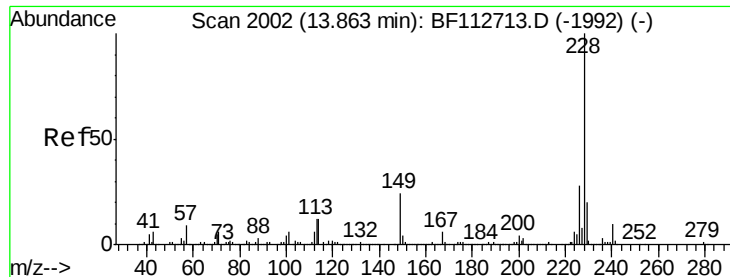
Tgt Ion: 244 Resp: 1973373
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 13.1 10.5 15.7



#80
 Butylbenzylphthalate
 Concen: 45.824 ng
 RT: 13.30 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: BF112713.D
 Acq: 27 Feb 2019 11:43

Tgt Ion: 149 Resp: 748343
 Ion Ratio Lower Upper
 149 100
 91 74.9 59.9 89.9
 206 18.4 14.7 22.1





#81

Benzo(a)anthracene

Concen: 47.701 ng

RT: 13.86 min Scan# 2002

Delta R.T. 0.00 min

Lab File: BF112713.D

Acq: 27 Feb 2019 11:43

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

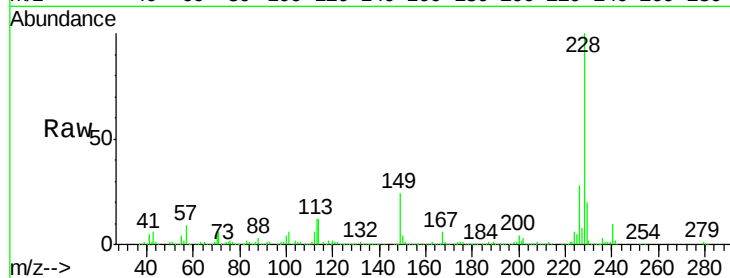
Tgt Ion:228 Resp: 1367106

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.2	33.4
229	20.0	16.0	24.0

228 100

226 27.8 22.2 33.4

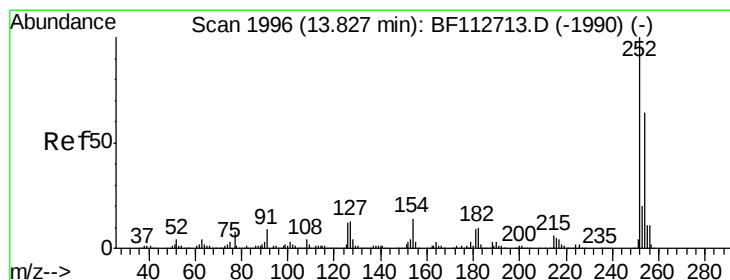
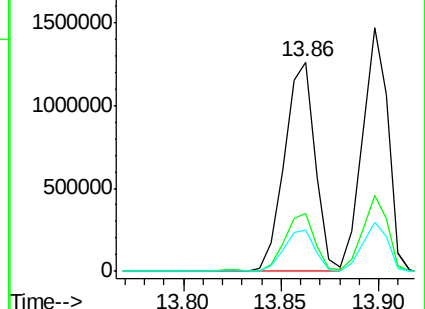
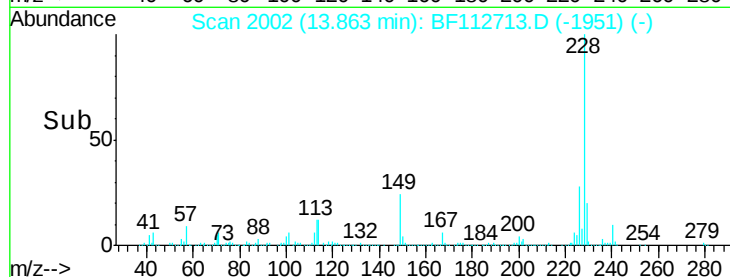
229 20.0 16.0 24.0



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: 49.553 ng

RT: 13.83 min Scan# 1996

Delta R.T. 0.00 min

Lab File: BF112713.D

Acq: 27 Feb 2019 11:43

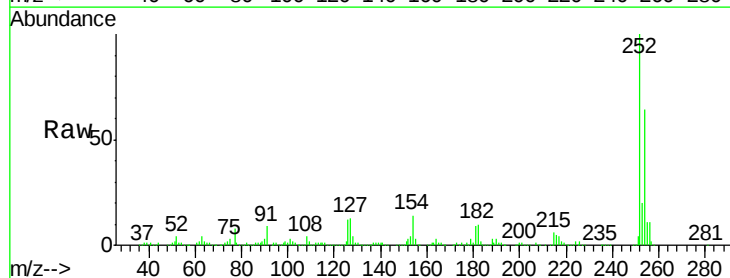
Tgt Ion:252 Resp: 531496

Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.1	76.7
126	12.4	9.9	14.9

252 100

254 63.9 51.1 76.7

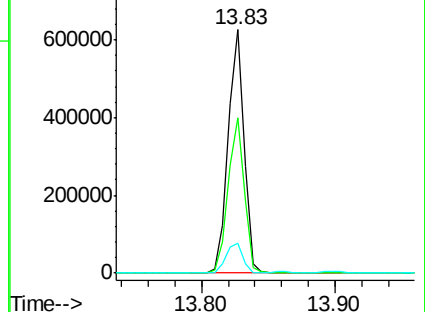
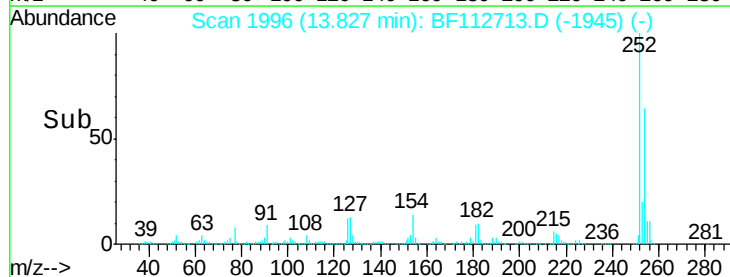
126 12.4 9.9 14.9

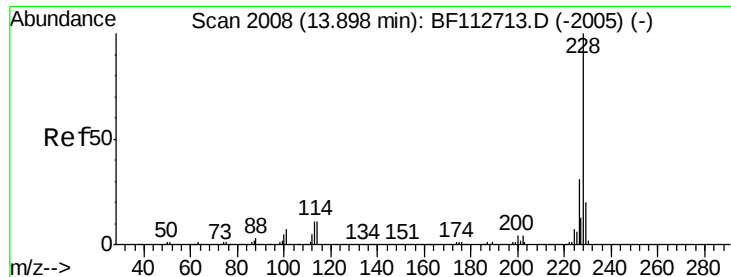


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 48.356 ng

RT: 13.90 min Scan# 2008

Delta R.T. 0.00 min

Lab File: BF112713.D

Acq: 27 Feb 2019 11:43

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

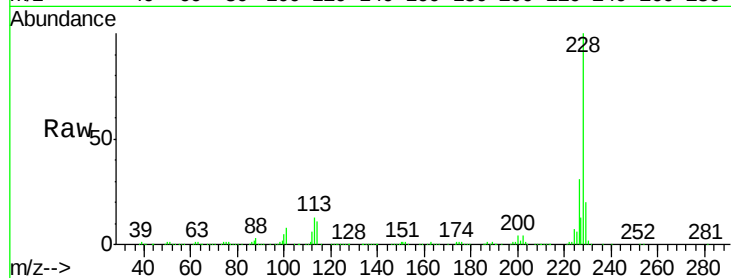
Tgt Ion:228 Resp: 1322904

Ion Ratio Lower Upper

228 100

226 31.1 24.9 37.3

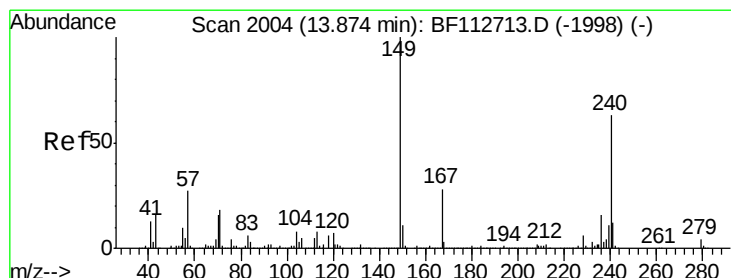
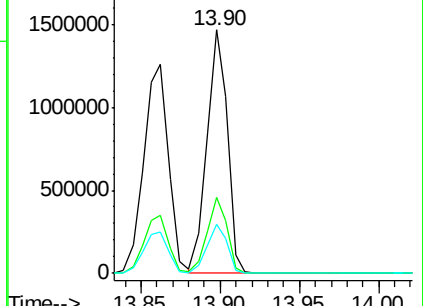
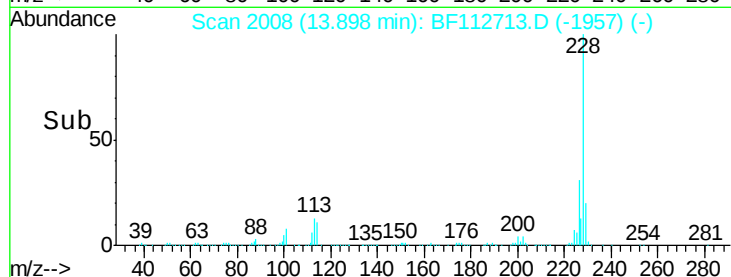
229 20.4 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.942 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BF112713.D

Acq: 27 Feb 2019 11:43

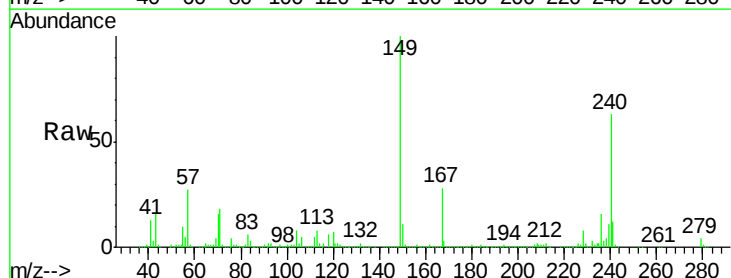
Tgt Ion:149 Resp: 856358

Ion Ratio Lower Upper

149 100

167 28.0 22.4 33.6

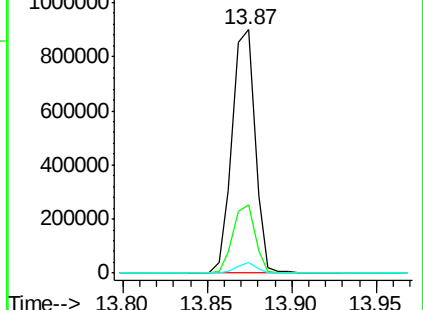
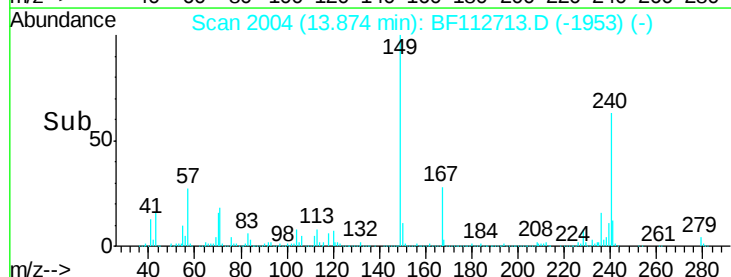
279 4.1 3.3 4.9

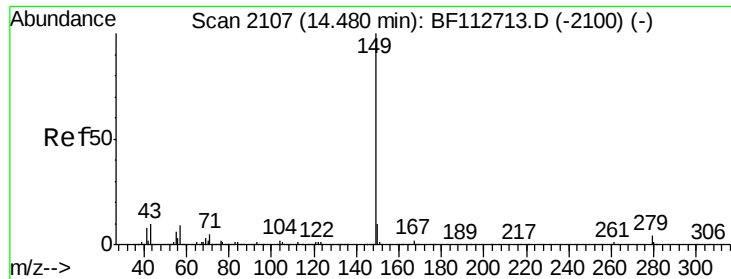


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

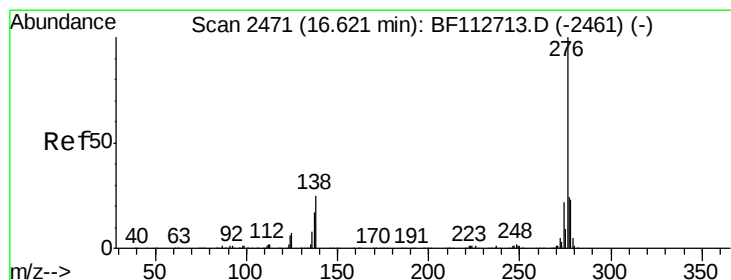
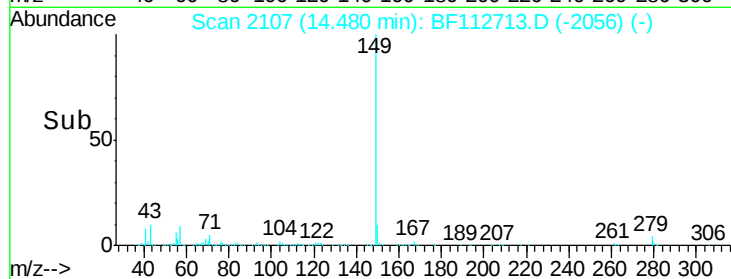
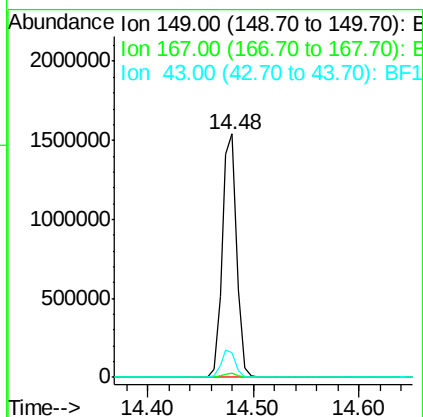
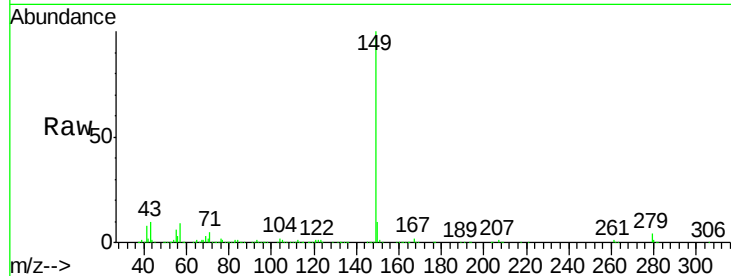




#85
Di-n-octyl phthalate
Concen: 41.166 ng
RT: 14.48 min Scan# 2107
Delta R.T. 0.00 min
Lab File: BF112713.D
Acq: 27 Feb 2019 11:43

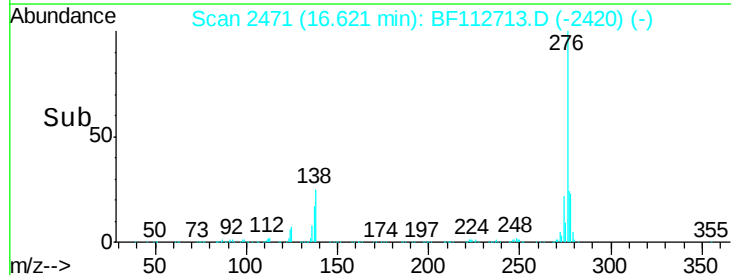
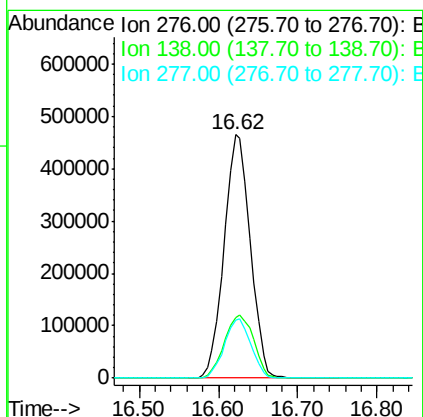
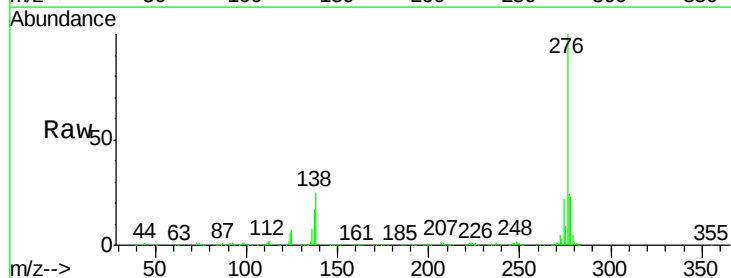
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

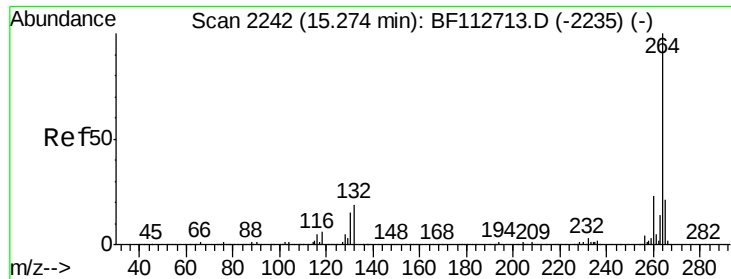
Tgt Ion:149 Resp: 1468198
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.2 9.0 13.4



#86
Indeno(1,2,3-cd)pyrene
Concen: 48.953 ng
RT: 16.62 min Scan# 2471
Delta R.T. 0.00 min
Lab File: BF112713.D
Acq: 27 Feb 2019 11:43

Tgt Ion:276 Resp: 1061169
Ion Ratio Lower Upper
276 100
138 29.0 23.2 34.8
277 24.9 19.9 29.9





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.27 min Scan# 2242

Delta R.T. 0.00 min

Lab File: BF112713.D

Acq: 27 Feb 2019 11:43

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

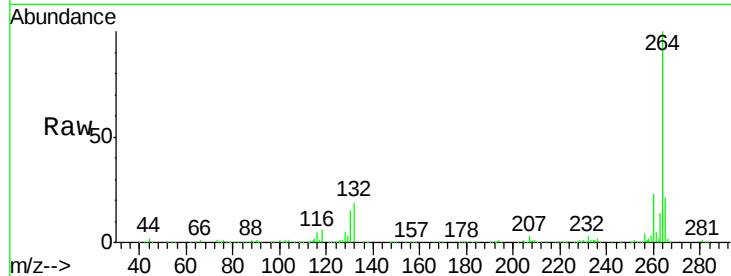
Tgt Ion:264 Resp: 456548

Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

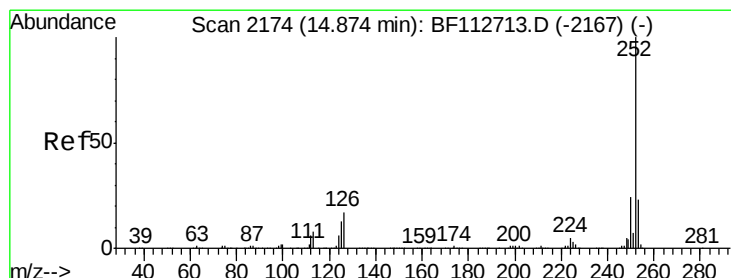
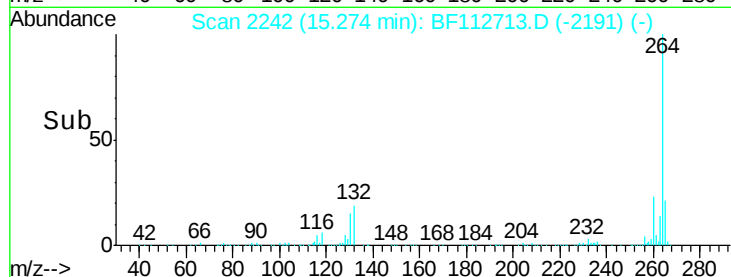
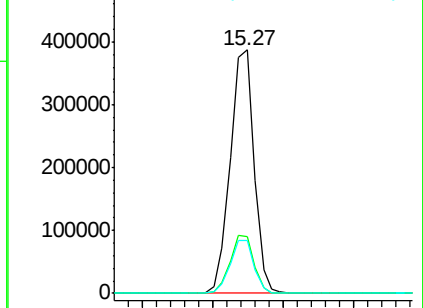
265 21.5 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 46.261 ng

RT: 14.87 min Scan# 2174

Delta R.T. 0.00 min

Lab File: BF112713.D

Acq: 27 Feb 2019 11:43

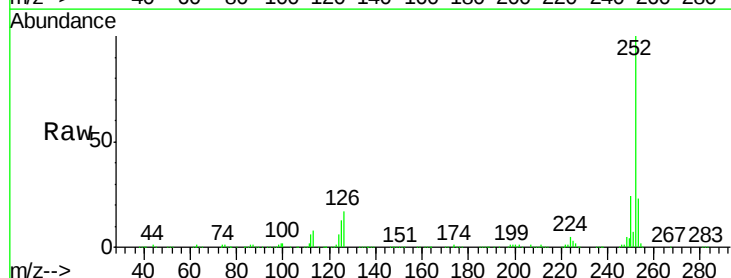
Tgt Ion:252 Resp: 1263092

Ion Ratio Lower Upper

252 100

253 22.5 18.0 27.0

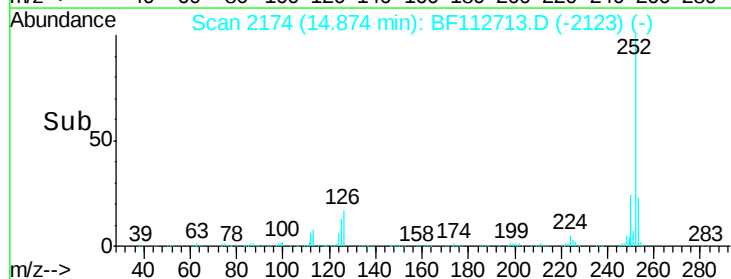
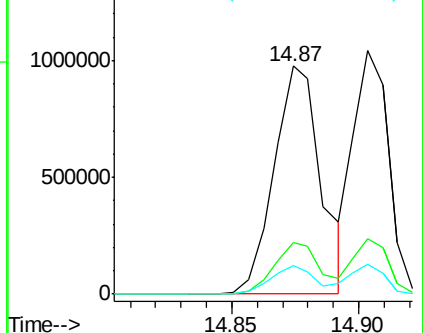
125 12.7 10.2 15.2

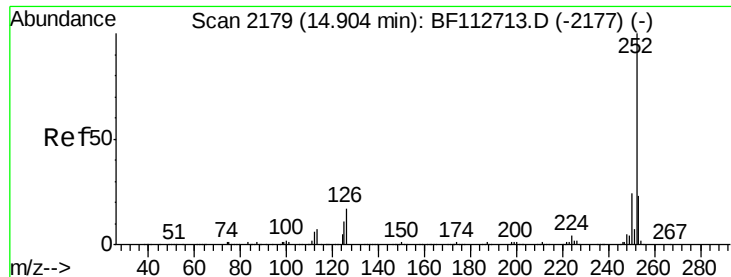


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

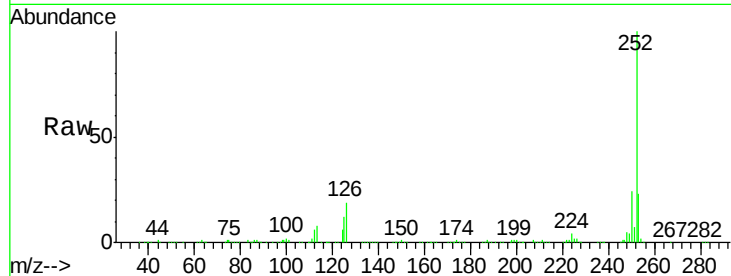




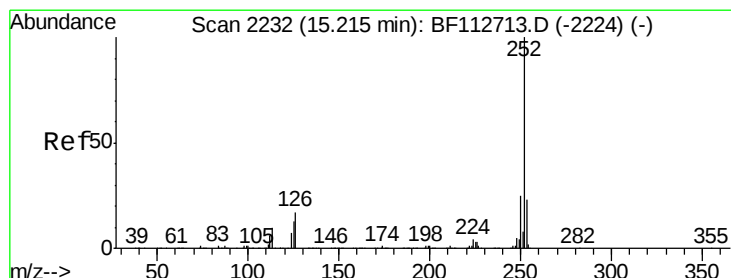
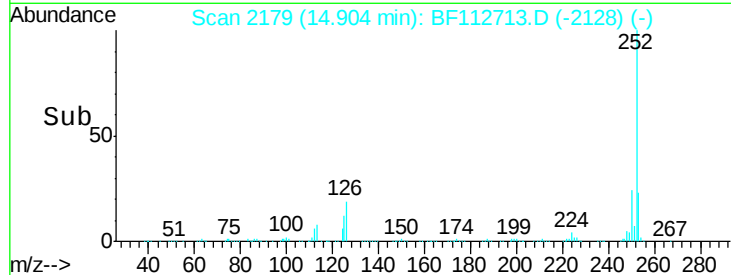
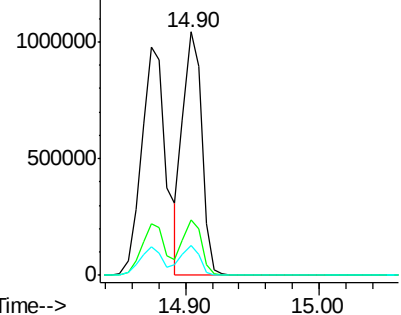
#89
Benzo(k)fluoranthene
Concen: 38.575 ng
RT: 14.90 min Scan# 2179
Delta R.T. 0.00 min
Lab File: BF112713.D
Acq: 27 Feb 2019 11:43

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:252 Resp: 1008849
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 12.2 9.8 14.6

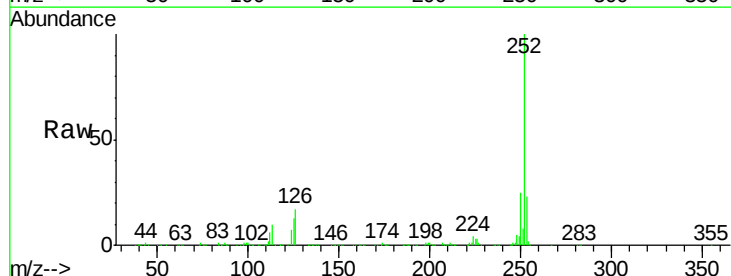


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

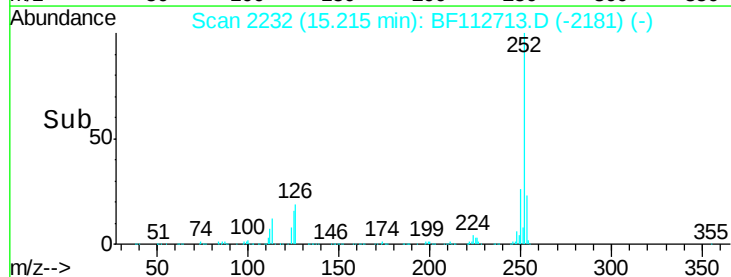
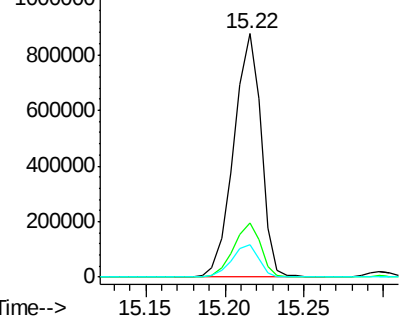


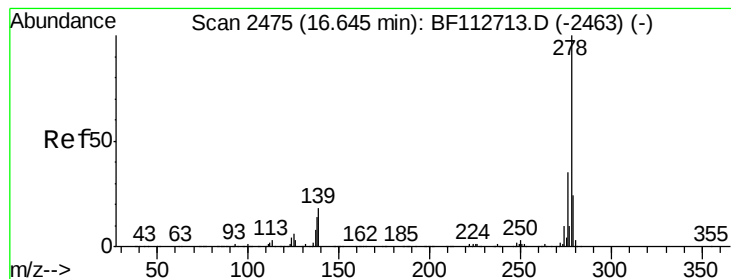
#90
Benzo(a)pyrene
Concen: 42.901 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BF112713.D
Acq: 27 Feb 2019 11:43

Tgt Ion:252 Resp: 1053983
Ion Ratio Lower Upper
252 100
253 22.5 18.0 27.0
125 13.4 10.7 16.1



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





#91

Dibenzo(a,h)anthracene

Concen: 43.401 ng

RT: 16.64 min Scan# 2475

Delta R.T. 0.00 min

Lab File: BF112713.D

Acq: 27 Feb 2019 11:43

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

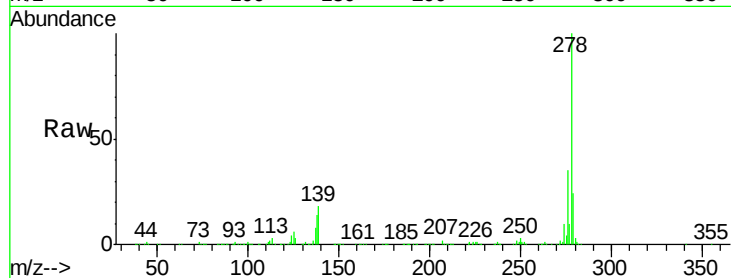
Tgt Ion: 278 Resp: 859356

Ion Ratio Lower Upper

278 100

139 17.9 14.3 21.5

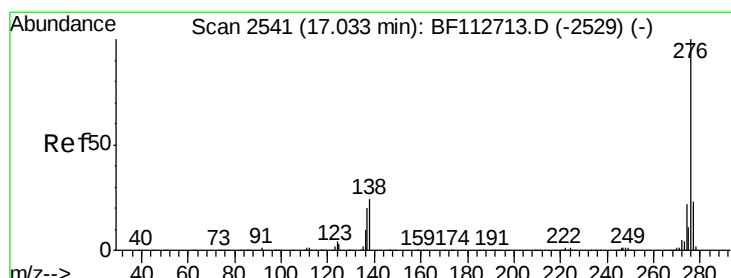
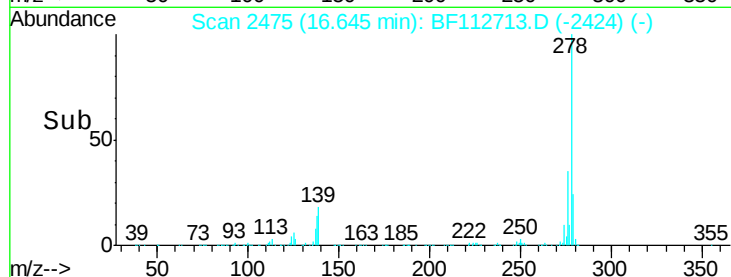
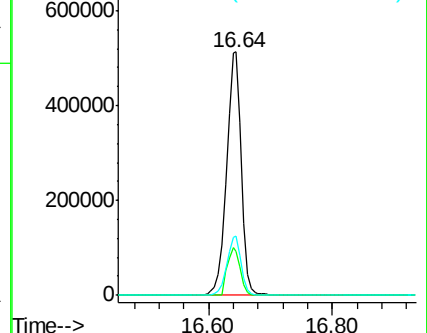
279 24.2 19.4 29.0



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 46.495 ng

RT: 17.03 min Scan# 2541

Delta R.T. 0.00 min

Lab File: BF112713.D

Acq: 27 Feb 2019 11:43

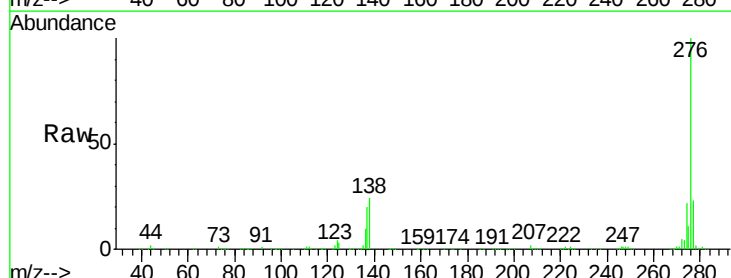
Tgt Ion: 276 Resp: 868557

Ion Ratio Lower Upper

276 100

277 23.2 18.6 27.8

138 24.2 19.4 29.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

