

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
 Data File : BF112725.D
 Acq On : 27 Feb 2019 18:03
 Operator : JU/SJ
 Sample : K1627-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-(2-5)

Quant Time: Feb 28 02:00:56 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 16:08:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	211767	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	786226	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	339691	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	579158	20.00	ng	0.00
76) Chrysene-d12	13.86	240	519419	20.00	ng	-0.01
87) Perylene-d12	15.27	264	545242	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.35	112	1248979	91.74	ng	0.00
7) Phenol-d6	6.37	99	1580561	92.42	ng	0.00
23) Nitrobenzene-d5	7.30	82	921907	70.16	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	322643	89.47	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1518451	75.19	ng	0.00
79) Terphenyl-d14	12.83	244	1307765	48.81	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.41	88	377	0.055	ng	# 1
4) n-Nitrosodimethylamine	3.05	42	250	0.031	ng	# 1
6) Aniline	6.41	93	143	0.006	ng	# 42
8) 2-Chlorophenol	6.52	128	421	0.028	ng	# 1
9) Benzaldehyde	6.37	77	2881	0.234	ng	# 1
10) Phenol	6.38	94	32486	1.628	ng	# 89
11) bis(2-Chloroethyl)ether	6.51	93	2087	0.136	ng	# 1
12) 1,3-Dichlorobenzene	6.90	146	117	0.007	ng	# 1
13) 1,4-Dichlorobenzene	6.90	146	117	0.007	ng	# 1
14) 1,2-Dichlorobenzene	6.90	146	117	0.008	ng	# 1
15) Benzyl Alcohol	6.90	79	16819	1.290	ng	# 45
16) 2,2'-oxybis(1-Chloropropan	6.81	45	345	0.013	ng	# 71
17) 2-Methylphenol	6.90	107	266	0.022	ng	# 1
18) Hexachloroethane	7.32	117	226	0.038	ng	# 4
19) n-Nitroso-di-n-propylamine	7.30	70	122965	11.353	ng	# 77
20) 3+4-Methylphenols	7.14	107	134	0.010	ng	# 1
22) Acetophenone	7.14	105	2023	0.110	ng	# 92
24) Nitrobenzene	7.29	77	3244	0.222	ng	# 33
25) Isophorone	7.30	82	921739	32.563	ng	# 66
27) 2,4-Dimethylphenol	7.69	122	430	0.038	ng	# 4
28) bis(2-Chloroethoxy)methane	7.92	93	115	0.006	ng	# 1
31) Naphthalene	8.04	128	7985	0.205	ng	# 95
32) Benzoic acid	7.69	122	430	0.054	ng	# 67
33) 4-Chloroaniline	8.04	127	1033	0.062	ng	# 56
36) 4-Chloro-3-methylphenol	8.44	107	288	0.024	ng	# 20
37) 2-Methylnaphthalene	8.73	142	3522	0.140	ng	# 94
38) 1-Methylnaphthalene	8.83	142	2828	0.116	ng	# 96
46) 1,1'-Biphenyl	9.19	154	3854	0.139	ng	# 93
47) 2-Chloronaphthalene	9.49	162	786	0.036	ng	# 1
48) 2-Nitroaniline	9.39	65	130	0.020	ng	# 4
49) Acenaphthylene	9.63	152	9073	0.247	ng	# 99
50) Dimethylphthalate	9.49	163	117156	4.677	ng	# 98
51) 2,6-Dinitrotoluene	9.76	165	43604	8.360	ng	# 18
52) Acenaphthene	9.80	154	2360	0.110	ng	# 91

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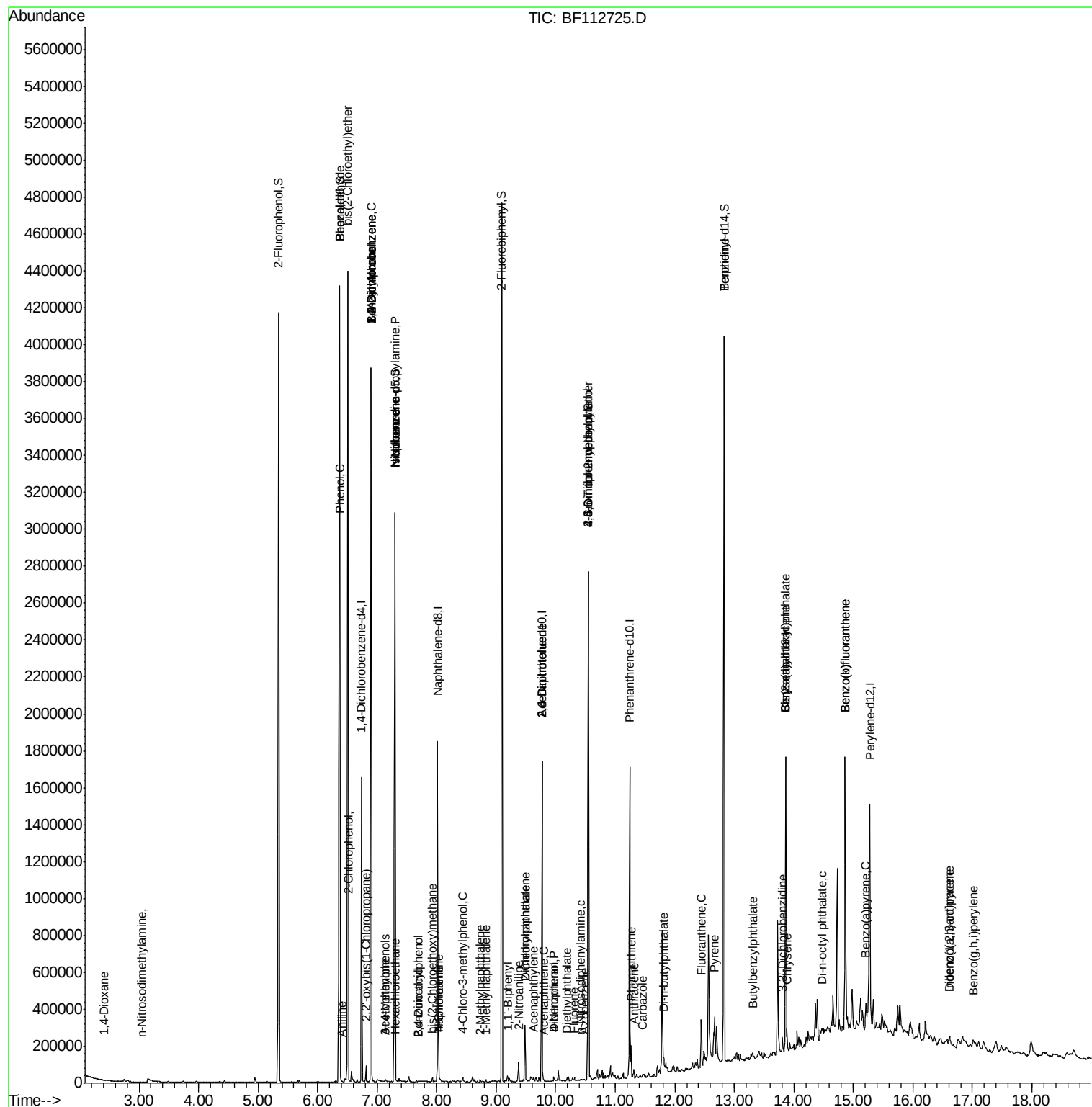
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
55) Dibenzofuran	9.97	168	3266	0.105	nq	96
56) 4-Nitrophenol	9.97	139	1084	0.210	nq #	6
57) 2,4-Dinitrotoluene	9.76	165	43604	6.725	nq #	18
58) Fluorene	10.31	166	4451	0.201	nq	92
60) Diethylphthalate	10.19	149	1654	0.063	nq #	94
63) Azobenzene	10.48	77	982	0.036	nq #	1
65) 4,6-Dinitro-2-methylphenol	10.55	198	695	4.877	nq #	1
66) n-Nitrosodiphenylamine	10.42	169	666	0.036	nq #	55
67) 4-Bromophenyl-phenylether	10.55	248	18457	3.026	nq #	1
71) Phenanthrene	11.26	178	55918	1.941	nq	96
72) Anthracene	11.32	178	12551	0.416	nq	97
73) Carbazole	11.46	167	7212	0.245	nq	96
74) Di-n-butylphthalate	11.82	149	11273	0.320	nq #	95
75) Fluoranthene	12.45	202	91984	2.979	nq	98
77) Benzidine	12.83	184	17150	0.636	nq	96
78) Pyrene	12.67	202	90241	2.061	nq	97
80) Butylbenzylphthalate	13.30	149	945	0.049	nq #	49
81) Benzo(a)anthracene	13.86	228	48617	1.350	nq	95
82) 3,3'-Dichlorobenzidine	13.82	252	259	0.019	nq #	1
83) Chrysene	13.89	228	45124	1.280	nq	96
84) Bis(2-ethylhexyl)phthalate	13.87	149	8175	0.361	nq #	91
85) Di-n-octyl phthalate	14.48	149	1950	0.050	nq #	4
86) Indeno(1,2,3-cd)pyrene	16.61	276	28866	0.960	nq	94
88) Benzo(b)fluoranthene	14.87	252	80601	2.285	nq	95
89) Benzo(k)fluoranthene	14.87	252	80601	2.523	nq #	95
90) Benzo(a)pyrene	15.21	252	48332	1.549	nq	97
91) Dibenzo(a,h)anthracene	16.62	278	7534	0.283	nq #	79
92) Benzo(a,h,i)perylene	17.02	276	30445	1.139	nq #	90

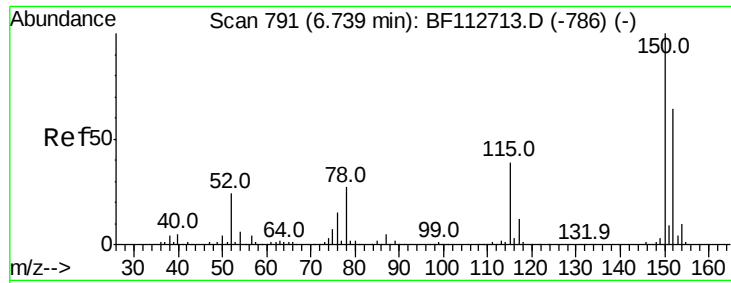
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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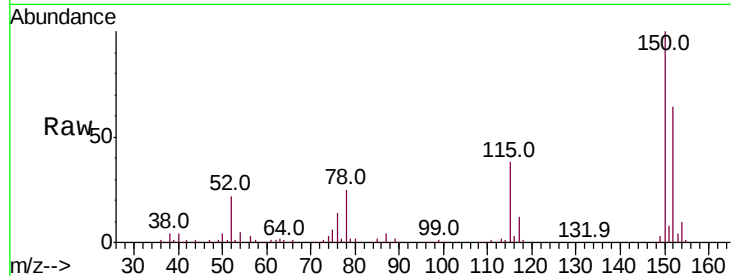


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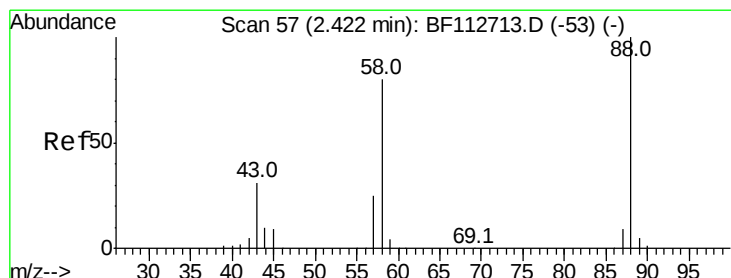
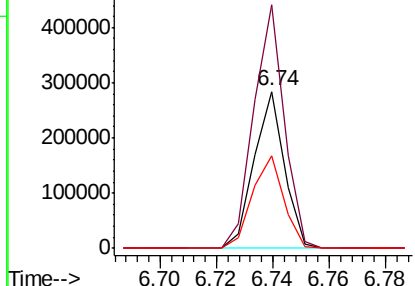
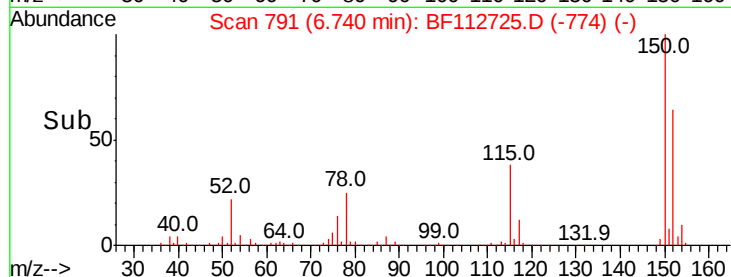
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF112725.D
 Acq: 27 Feb 2019 18:03

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion:152 Resp: 211767
 Ion Ratio Lower Upper
 152 100
 150 155.2 124.2 186.2
 115 59.3 48.2 72.4



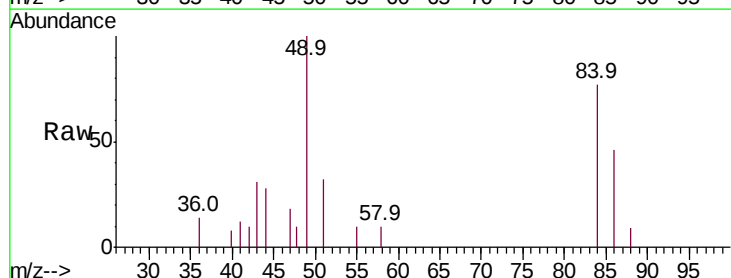
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



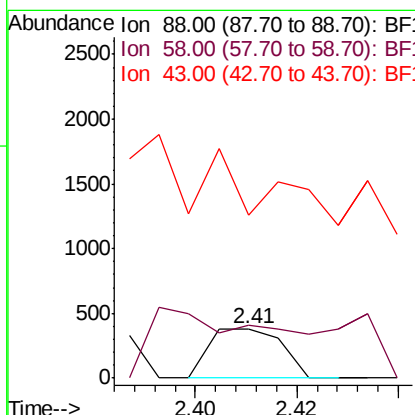
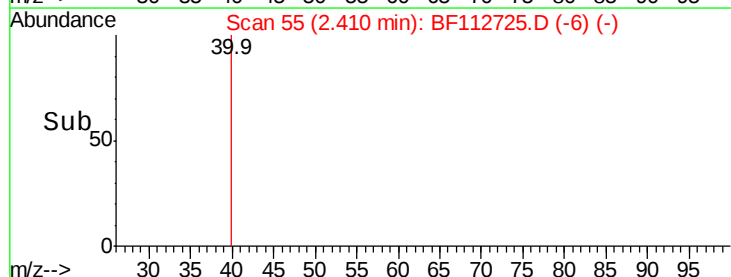
#2

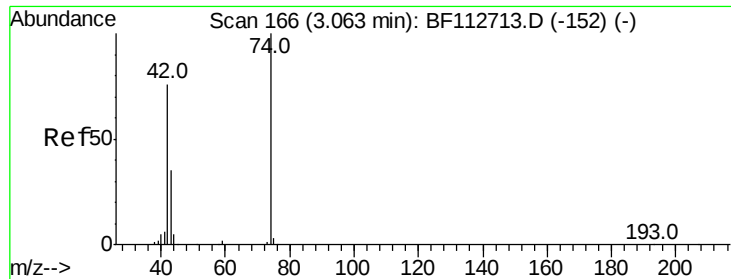
1,4-Dioxane
 Concen: 0.055 ng
 RT: 2.41 min Scan# 55
 Delta R.T. -0.01 min
 Lab File: BF112725.D
 Acq: 27 Feb 2019 18:03

Tgt Ion: 88 Resp: 377
 Ion Ratio Lower Upper
 88 100
 58 236.1 63.1 94.7#
 43 285.9 24.3 36.5#



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





#4

n-Nitrosodimethylamine

Concen: 0.031 ng

RT: 3.05 min Scan# 163

Delta R.T. -0.02 min

Lab File: BF112725.D

Acq: 27 Feb 2019 18:03

Instrument :

BNA_F

ClientSampleId :

SB-02-(2-5)

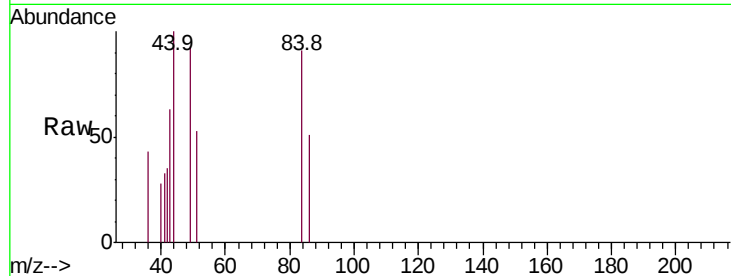
Tot Ion: 42 Resp: 250

Ion Ratio Lower Upper

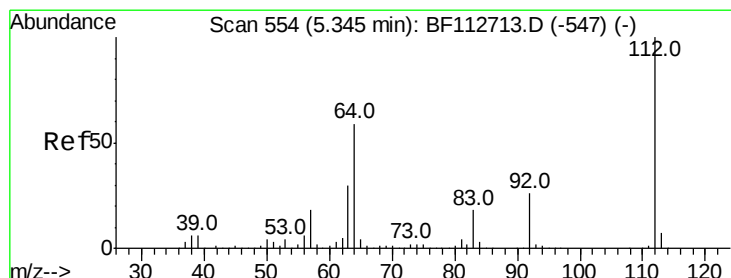
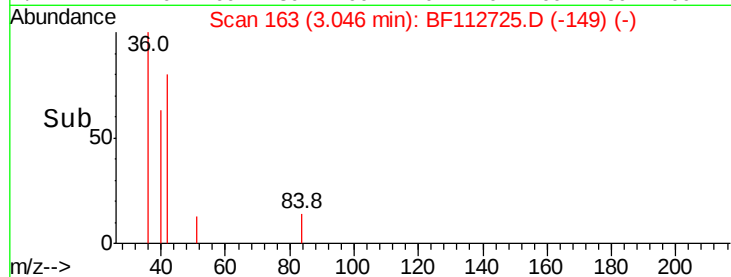
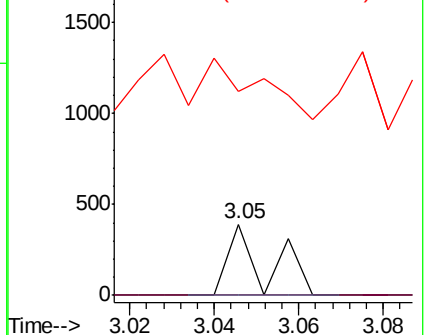
42 100

74 0.0 105.8 158.8#

44 286.5 6.2 9.2#



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1



#5

2-Fluorophenol

Concen: 91.744 ng

RT: 5.35 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF112725.D

Acq: 27 Feb 2019 18:03

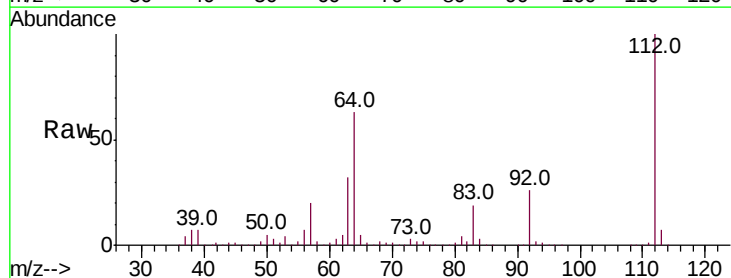
Tgt Ion: 112 Resp: 1248979

Ion Ratio Lower Upper

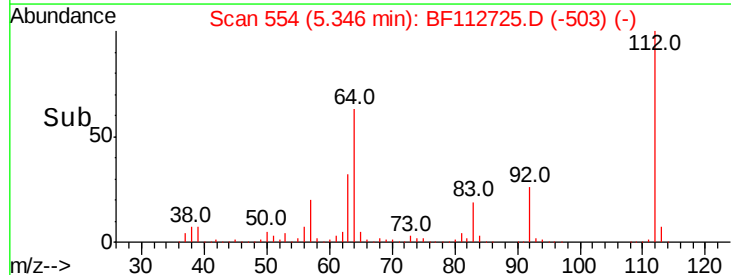
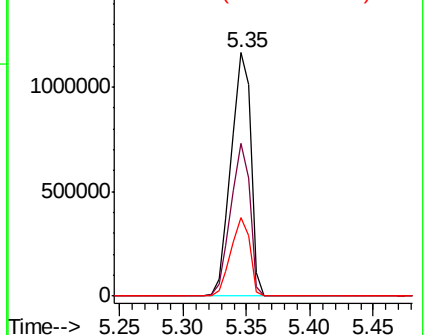
112 100

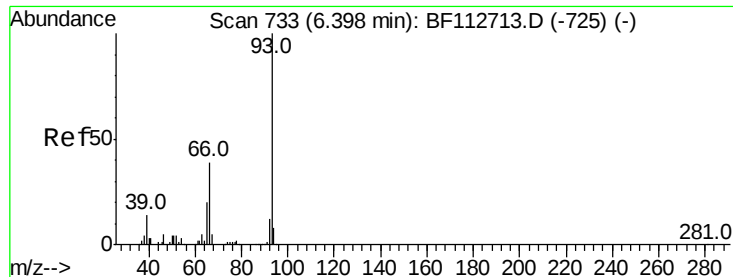
64 62.7 47.6 71.4

63 32.4 24.4 36.6



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





#6

Aniline

Concen: 0.006 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF112725.D

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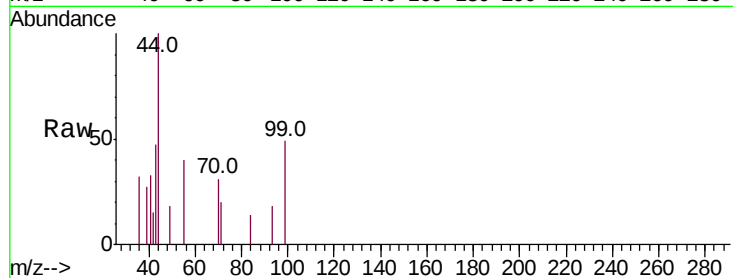
Tot Ion: 93 Resp: 143

Ion Ratio Lower Upper

93 100

66 0.0 32.2 48.2#

65 0.0 16.2 24.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

6.41

400

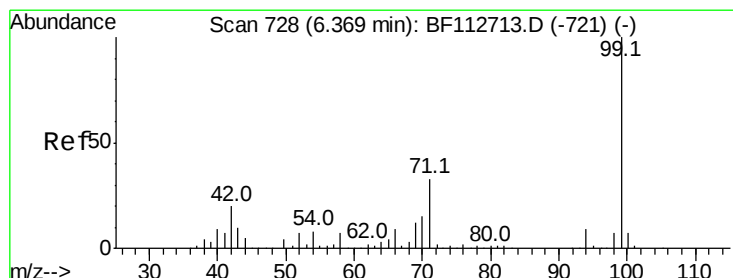
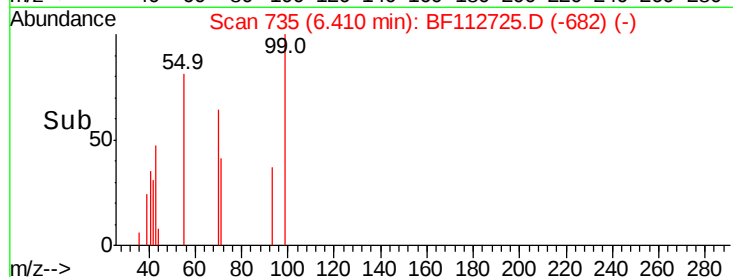
300

200

100

0

Time-->



#7

Phenol-d6

Concen: 92.425 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF112725.D

Acq: 27 Feb 2019 18:03

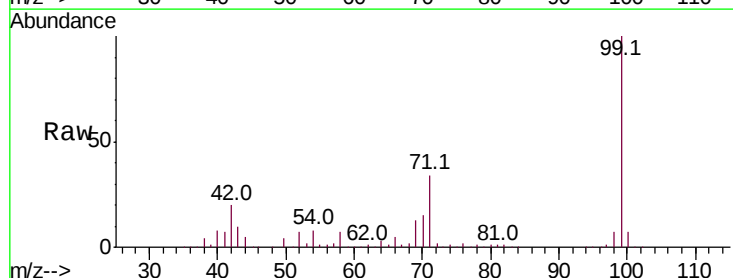
Tgt Ion: 99 Resp: 1580561

Ion Ratio Lower Upper

99 100

42 20.4 16.3 24.5

71 33.6 26.2 39.4



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1

6.37

2000000

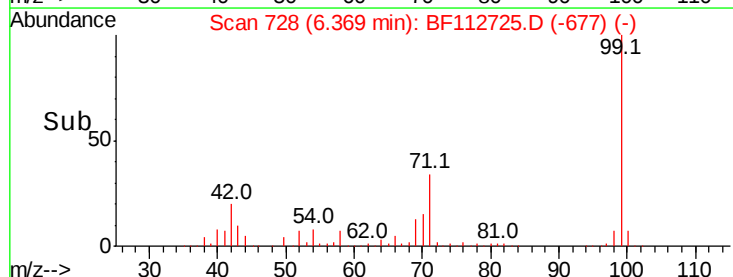
1500000

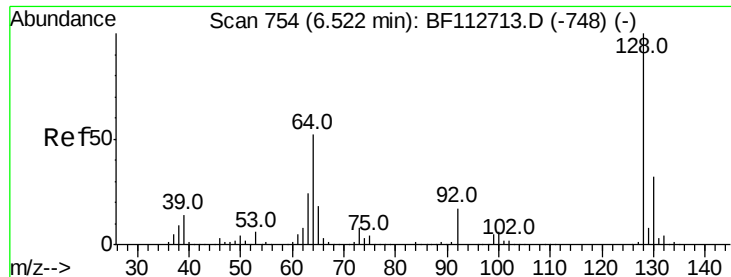
1000000

500000

0

Time-->





#8

2-Chlorophenol

Concen: 0.028 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

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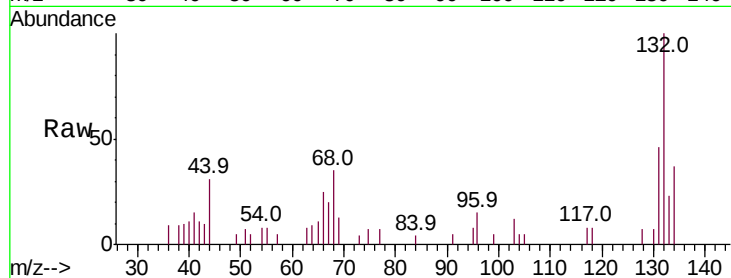
Tot Ion:128 Resp: 421

Ion Ratio Lower Upper

128 100

130 102.9 12.4 52.4#

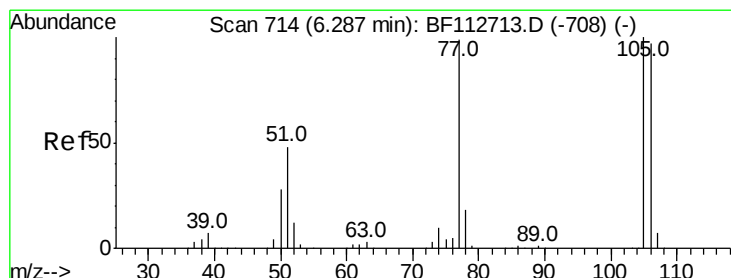
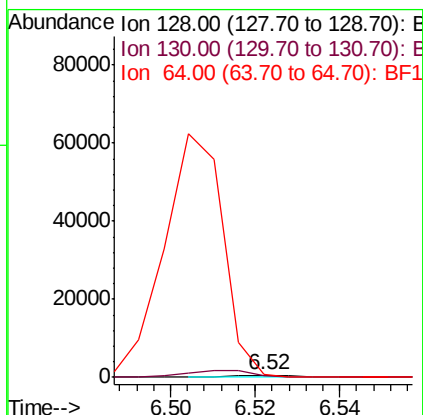
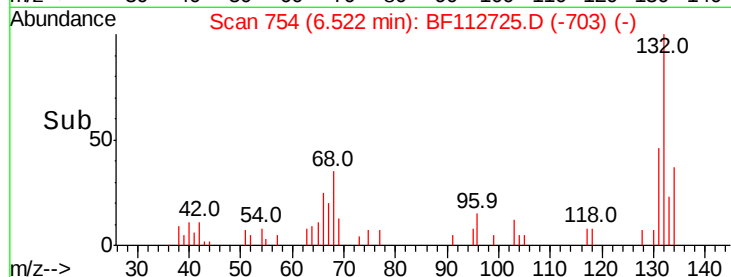
64 132.3 32.2 72.2#



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: 0.234 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.08 min

Lab File: BF112725.D

Acq: 27 Feb 2019 18:03

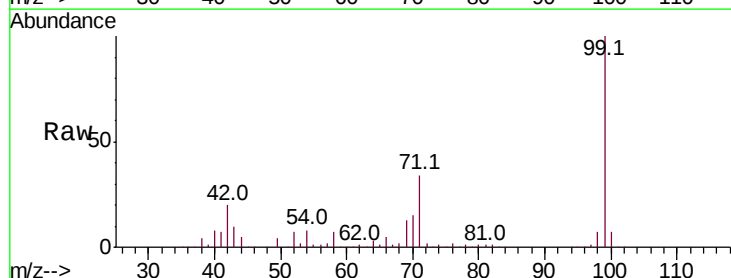
Tgt Ion: 77 Resp: 2881

Ion Ratio Lower Upper

77 100

105 0.0 81.4 121.4#

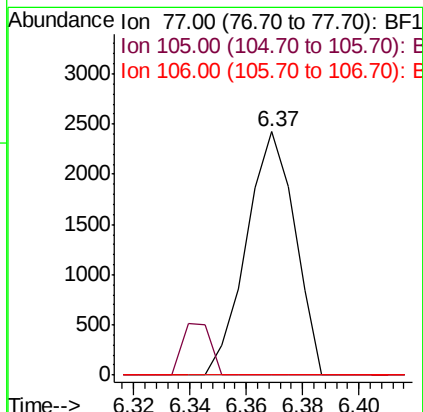
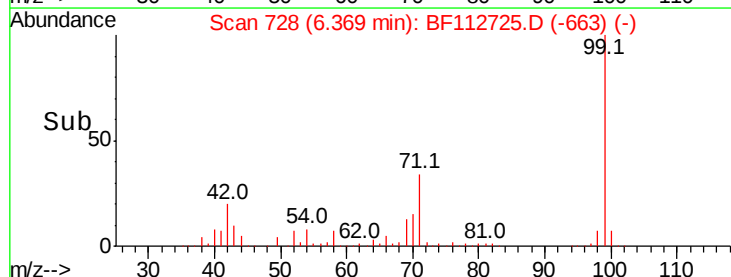
106 0.0 78.3 118.3#

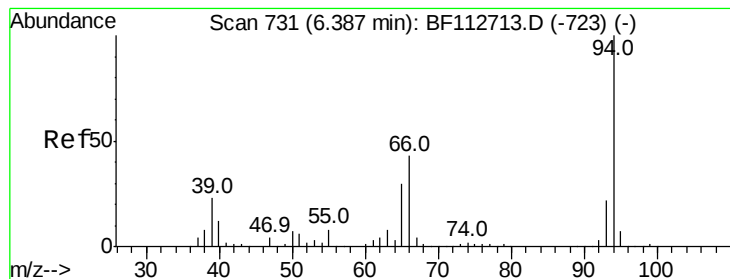


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 1.628 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

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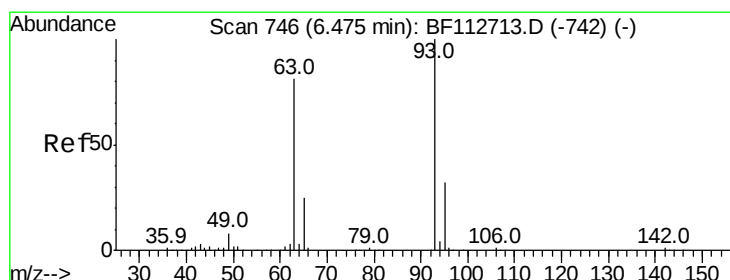
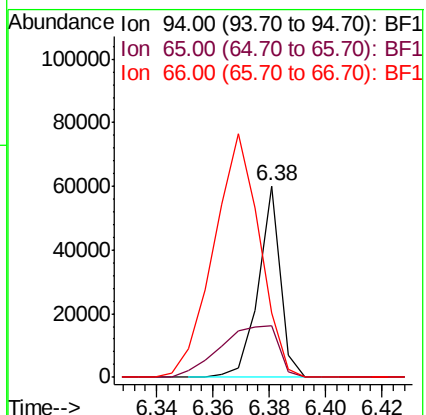
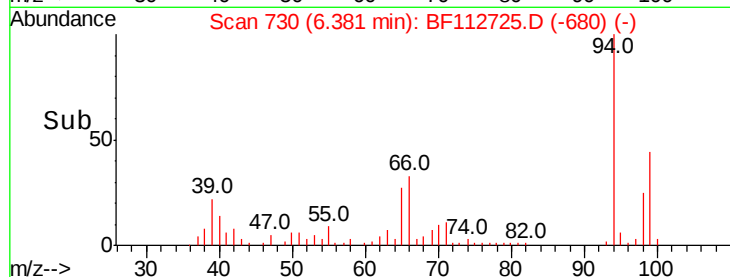
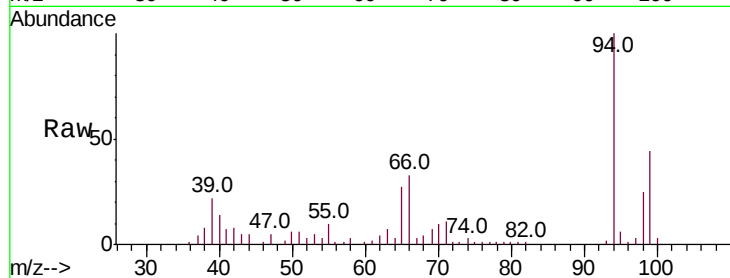
Tot Ion: 94 Resp: 32486

Ion Ratio Lower Upper

94 100

65 27.0 10.5 50.5

66 33.5 22.6 62.6



#11

bis(2-Chloroethyl)ether

Concen: 0.136 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.04 min

Lab File: BF112725.D

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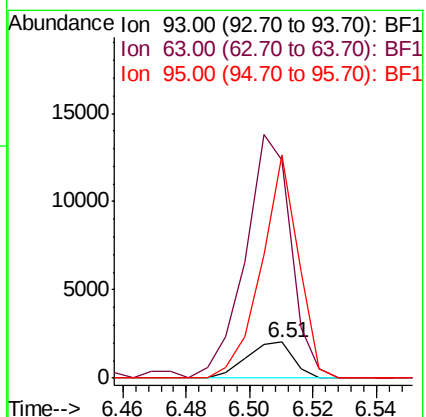
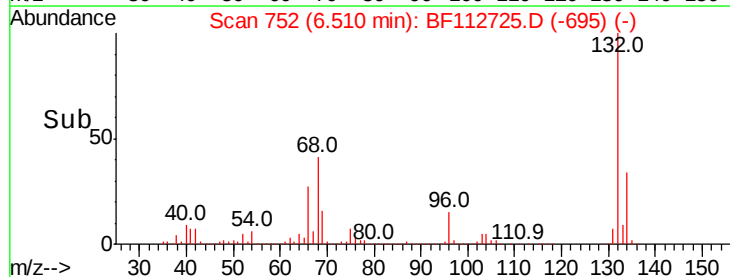
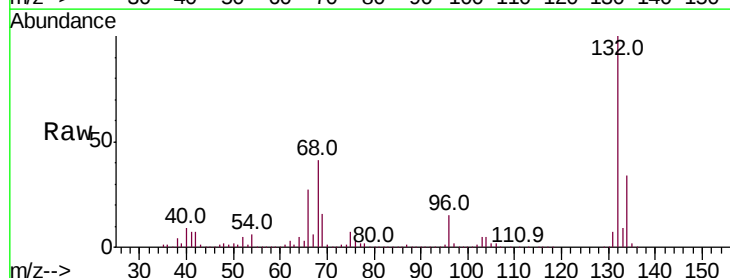
Tgt Ion: 93 Resp: 2087

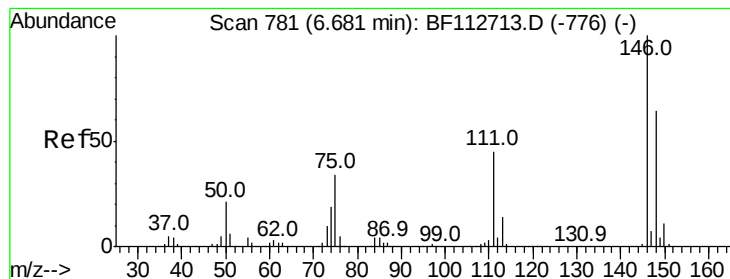
Ion Ratio Lower Upper

93 100

63 603.0 60.5 100.5#

95 618.4 12.1 52.1#





#12

1,3-Dichlorobenzene

Concen: 0.007 ng

RT: 6.90 min Scan# 818

Delta R.T. 0.22 min

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ClientSampleId :

SB-02-(2-5)

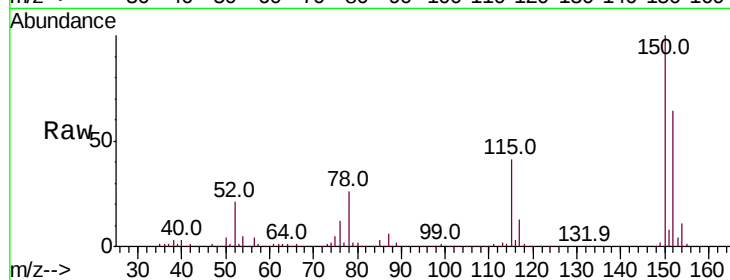
Tot Ion:146 Resp: 117

Ion Ratio Lower Upper

146 100

148 654.4 50.9 76.3#

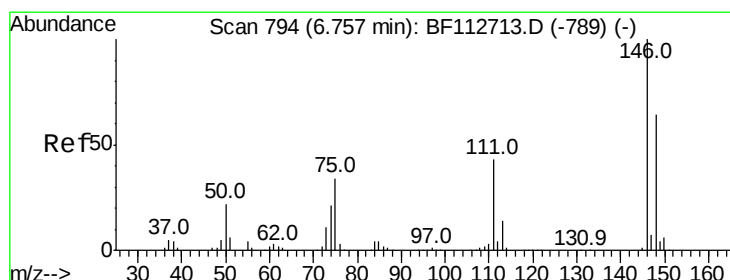
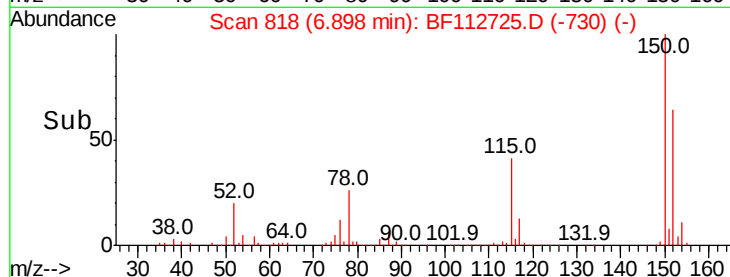
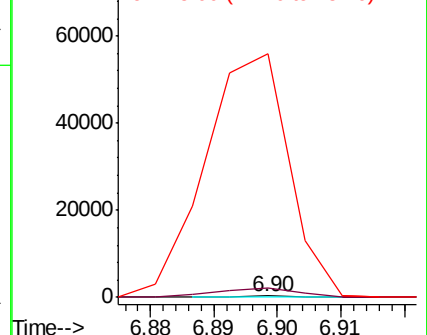
75 16792.8 26.9 40.3#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1



#13

1,4-Dichlorobenzene

Concen: 0.007 ng

RT: 6.90 min Scan# 818

Delta R.T. 0.14 min

Lab File: BF112725.D

Acq: 27 Feb 2019 18:03

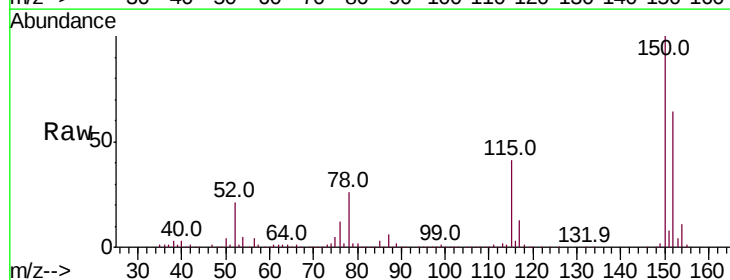
Tgt Ion:146 Resp: 117

Ion Ratio Lower Upper

146 100

148 654.4 51.0 76.4#

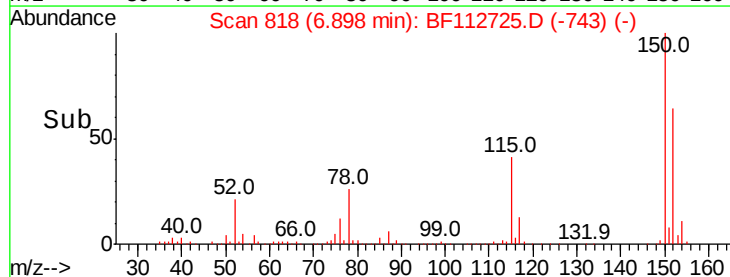
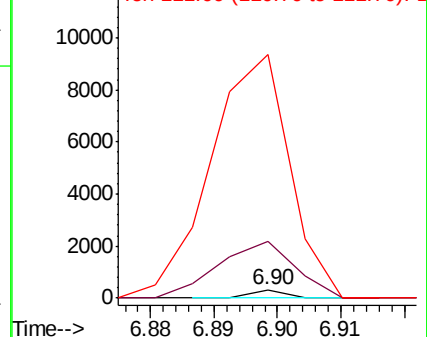
111 2809.9 34.5 51.7#

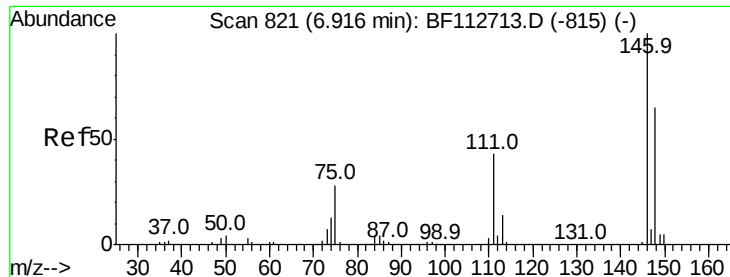


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 0.008 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.02 min

Lab File: BF112725.D

Acq: 27 Feb 2019 18:03

Instrument :

BNA_F

ClientSampleId :

SB-02-(2-5)

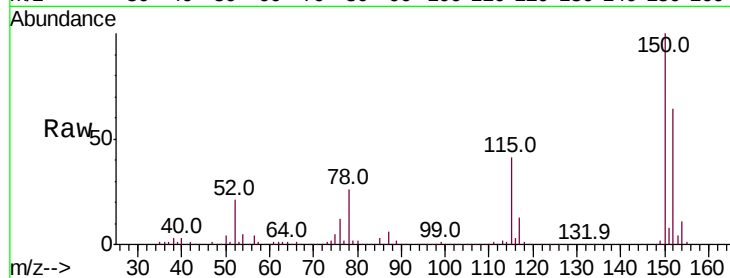
Tot Ion:146 Resp: 117

Ion Ratio Lower Upper

146 100

148 654.4 52.0 78.0#

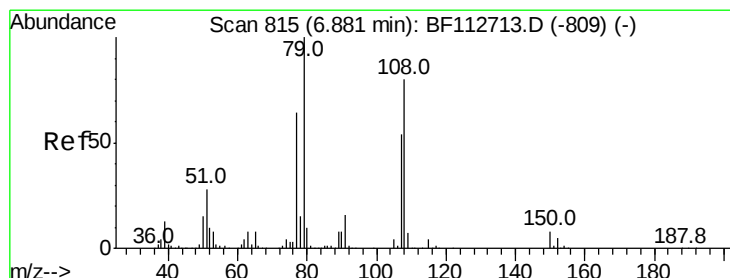
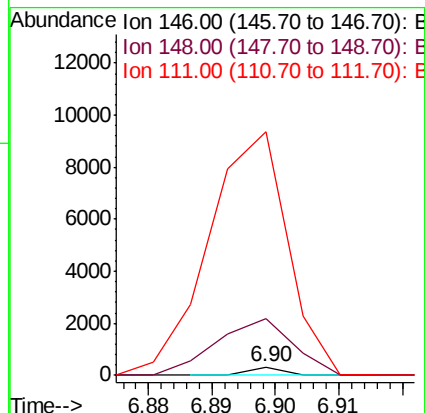
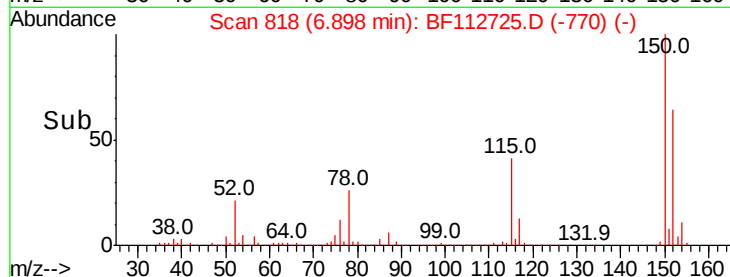
111 2809.9 34.8 52.2#



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: 1.290 ng

RT: 6.90 min Scan# 818

Delta R.T. 0.02 min

Lab File: BF112725.D

Acq: 27 Feb 2019 18:03

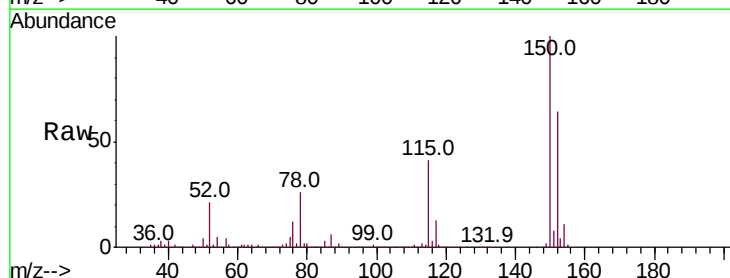
Tgt Ion: 79 Resp: 16819

Ion Ratio Lower Upper

79 100

108 27.5 64.2 96.4#

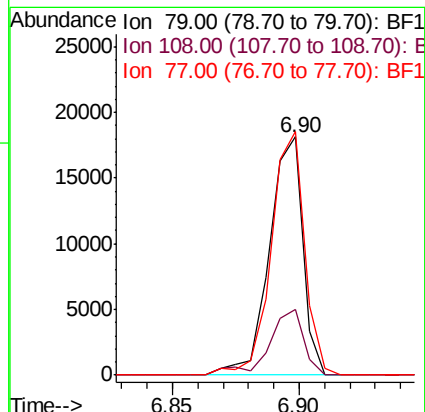
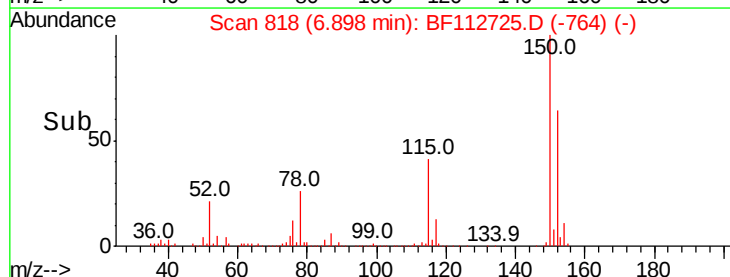
77 102.3 51.1 76.7#

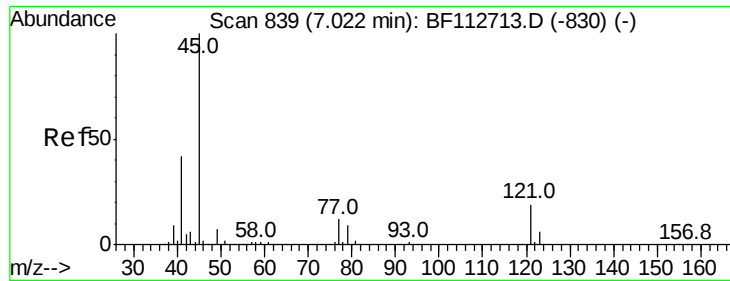


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

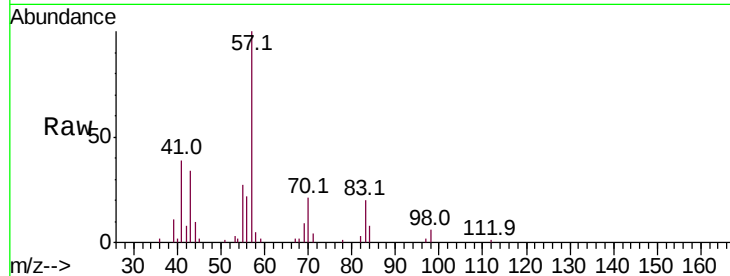




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.013 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.21 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SB-02-(2-5)

Tot Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	32.1
79	0.0	0.0	29.4

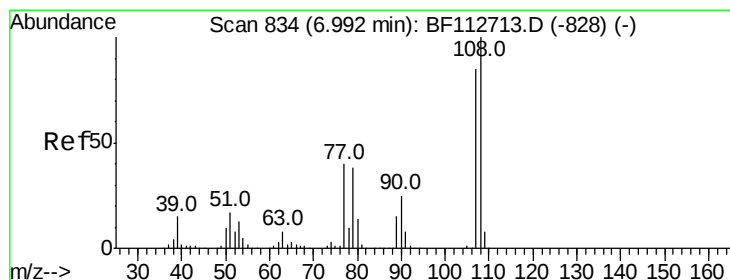
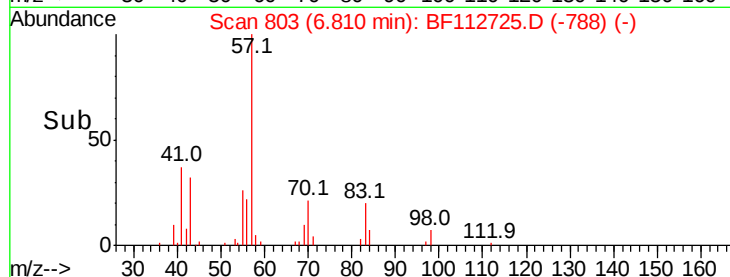
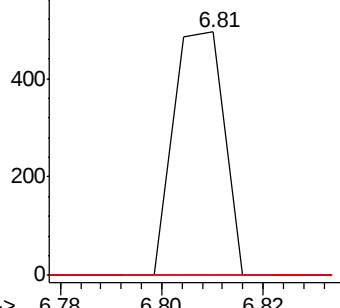


Abundance

Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#17
2-Methylphenol
Concen: 0.022 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.09 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Tgt Ion	Ratio	Lower	Upper
107	100		
108	1219.9	94.6	142.0#
77	4545.1	37.8	56.8#
79	4443.1	36.2	54.2#

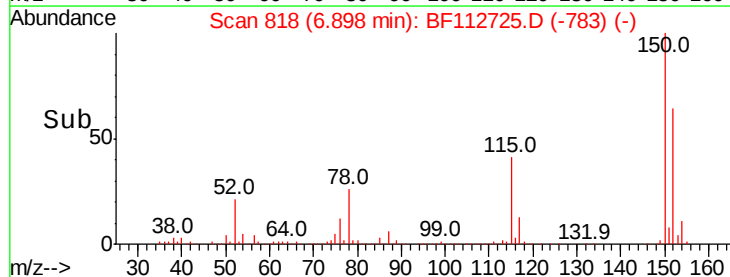
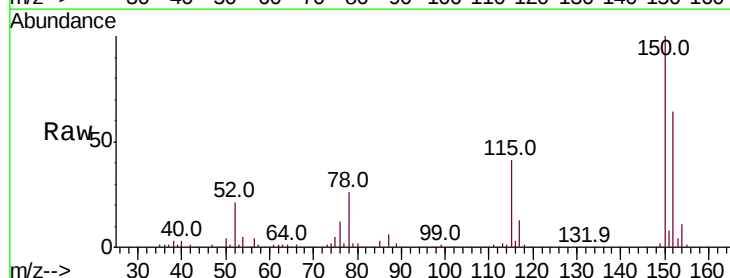
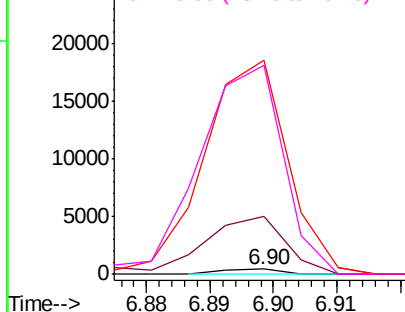
Abundance

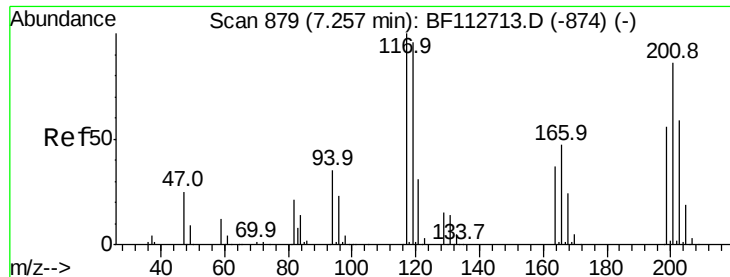
Ion 107.00 (106.70 to 107.70): E

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: 0.038 ng

RT: 7.32 min Scan# 889

Delta R.T. 0.06 min

Lab File: BF112725.D

Acq: 27 Feb 2019 18:03

Instrument :

BNA_F

ClientSampleId :

SB-02-(2-5)

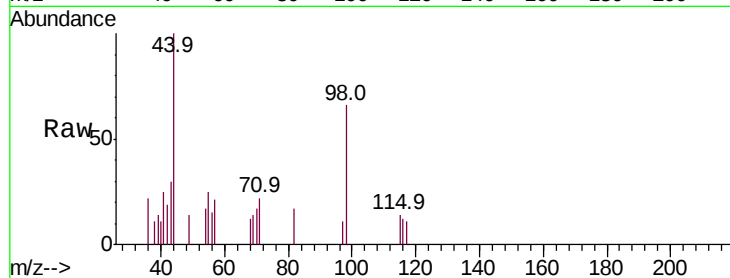
Tot Ion:117 Resp: 226

Ion Ratio Lower Upper

117 100

119 0.0 76.6 115.0#

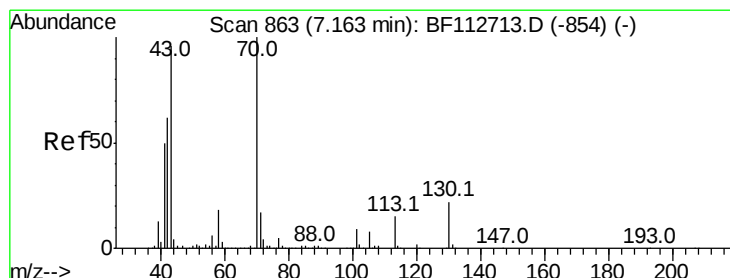
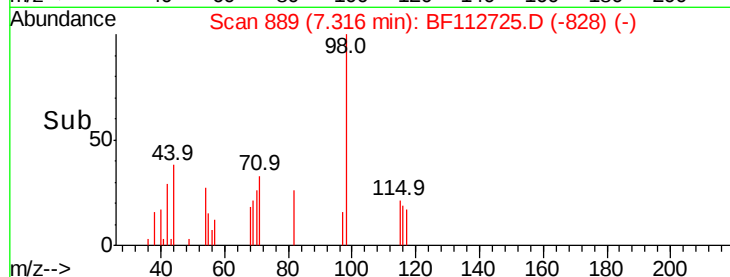
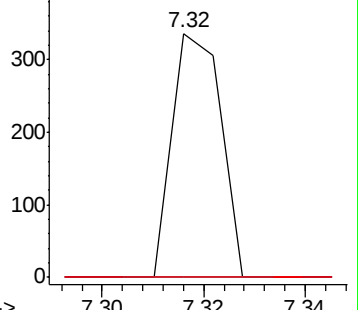
201 0.0 68.9 103.3#



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: 11.353 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.14 min

Lab File: BF112725.D

Acq: 27 Feb 2019 18:03

Tgt Ion: 70 Resp: 122965

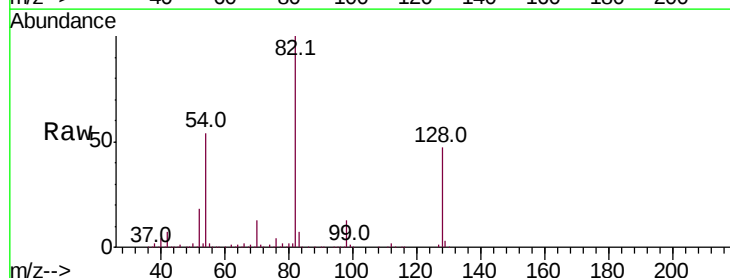
Ion Ratio Lower Upper

70 100

42 49.6 49.9 74.9#

101 0.0 7.4 11.2#

130 2.4 17.4 26.2#

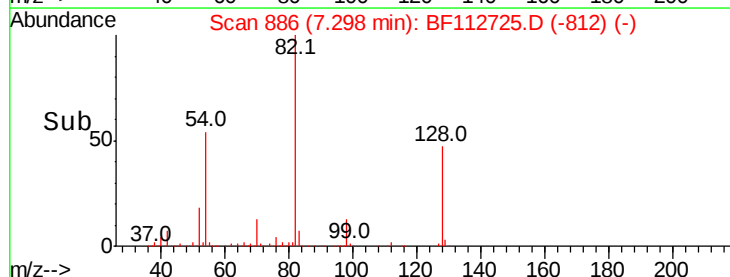
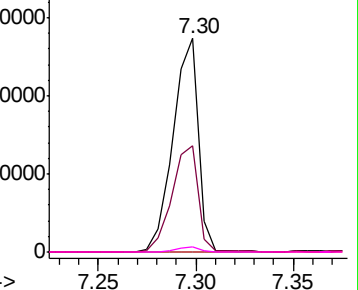


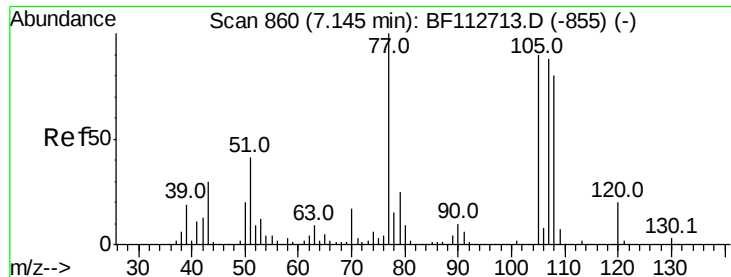
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 0.010 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF112725.D

Acq: 27 Feb 2019 18:03

Instrument :

BNA_F

ClientSampleId :

SB-02-(2-5)

Tot Ion:107 Resp: 134

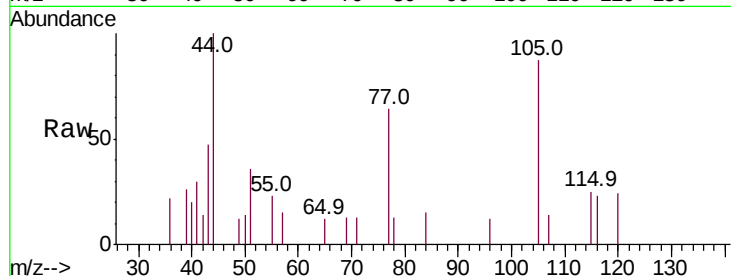
Ion Ratio Lower Upper

107 100

108 0.0 71.4 111.4#

77 456.2 94.1 134.1#

79 0.0 8.6 48.6#



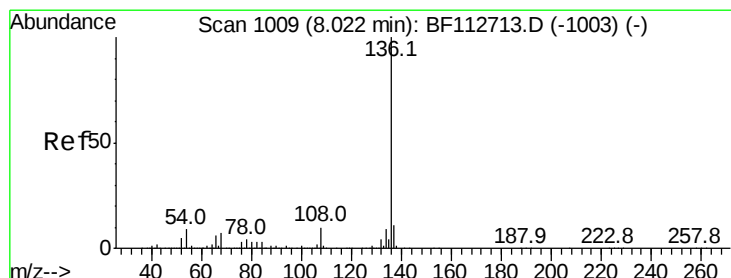
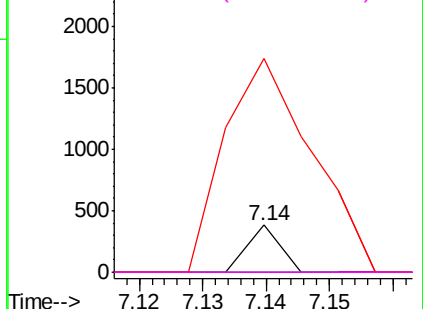
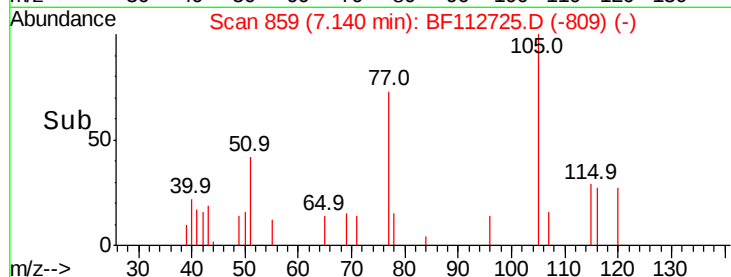
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF112725.D

Acq: 27 Feb 2019 18:03

Tgt Ion:136 Resp: 786226

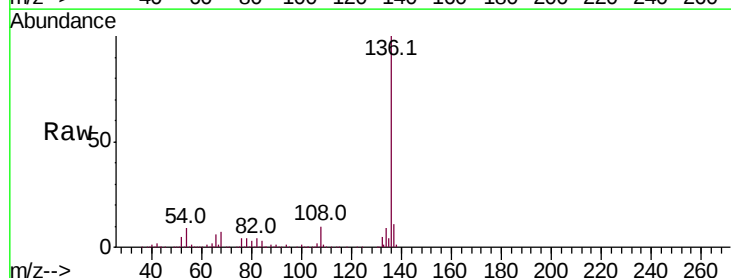
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 9.2 7.3 10.9

68 6.8 5.4 8.2



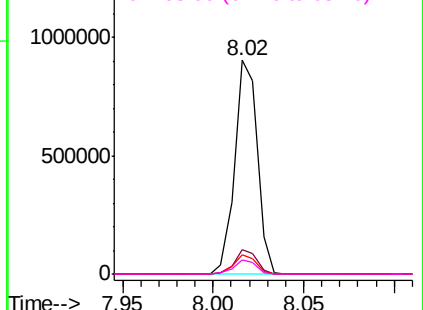
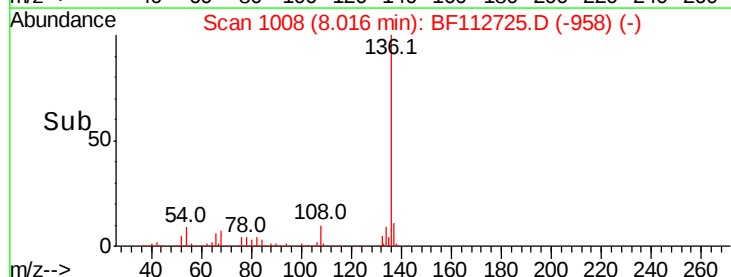
Abundance

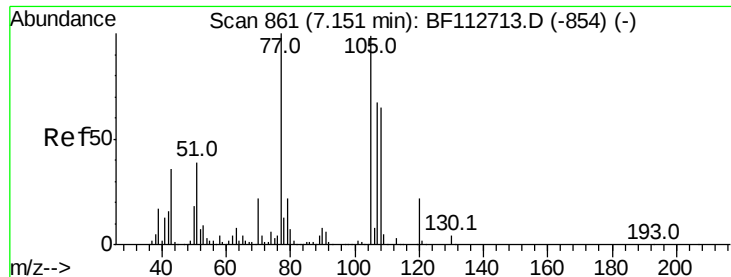
Ion 136.00 (135.70 to 136.70): E

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: 0.110 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF112725.D

Acq: 27 Feb 2019 18:03

Instrument :

BNA_F

ClientSampleId :

SB-02-(2-5)

Tot Ion:105 Resp: 2023

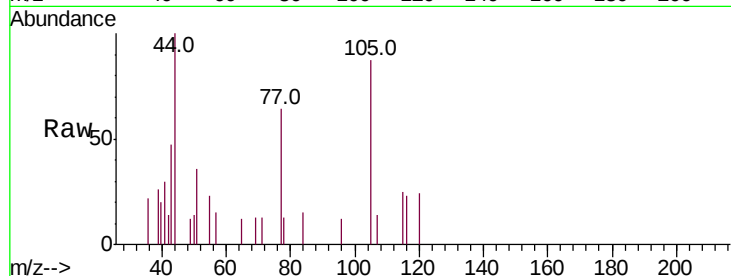
Ion Ratio Lower Upper

105 100

71 14.4 3.0 4.4#

51 41.9 31.5 47.3

120 27.3 18.1 27.1#

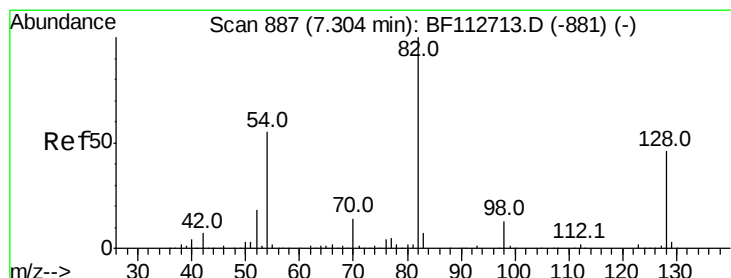
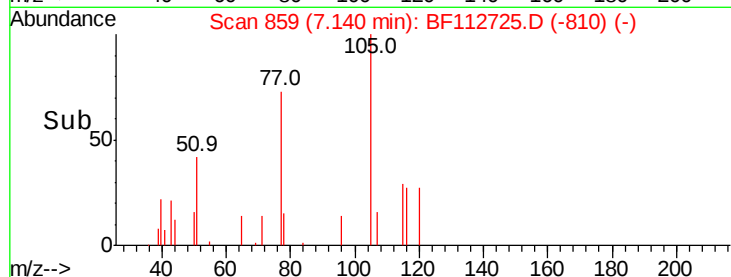
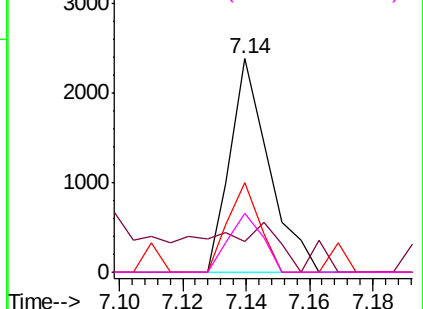


Abundance Ion 105.00 (104.70 to 105.70): E

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: 70.164 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.01 min

Lab File: BF112725.D

Acq: 27 Feb 2019 18:03

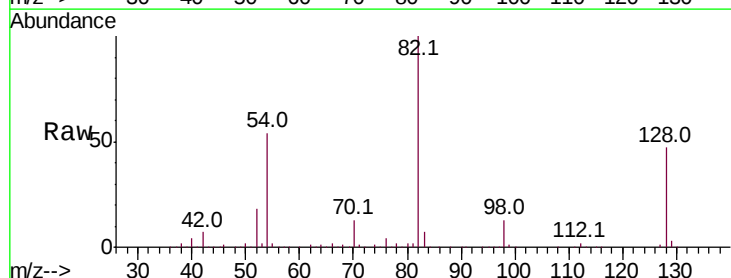
Tgt Ion: 82 Resp: 921907

Ion Ratio Lower Upper

82 100

128 47.0 36.3 54.5

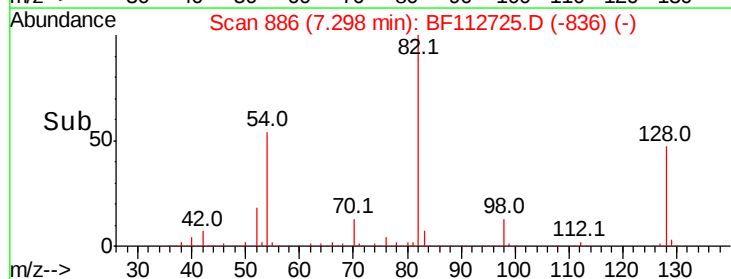
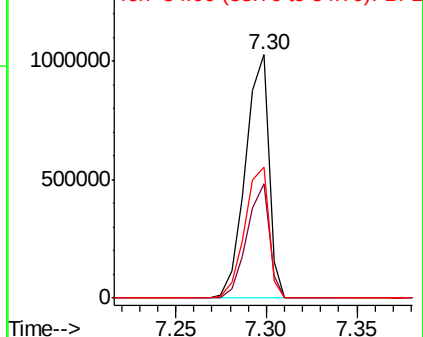
54 53.9 43.7 65.5

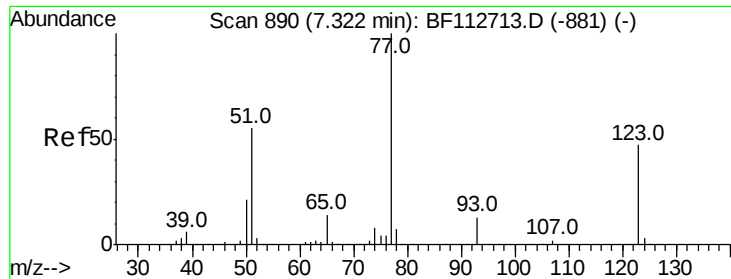


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#24

Nitrobenzene

Concen: 0.222 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.03 min

Lab File: BF112725.D

Acq: 27 Feb 2019 18:03

Instrument :

BNA_F

ClientSampleId :

SB-02-(2-5)

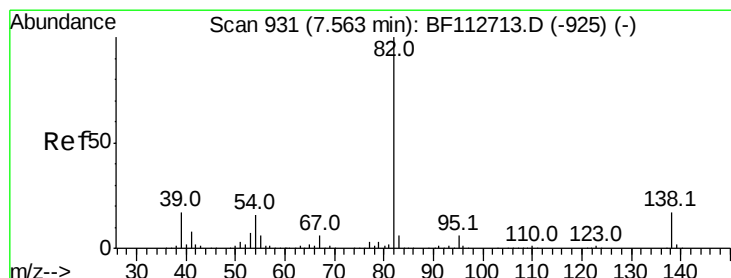
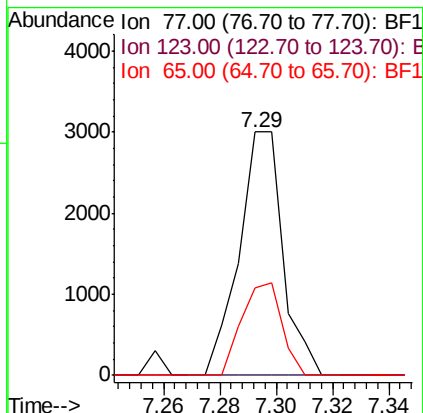
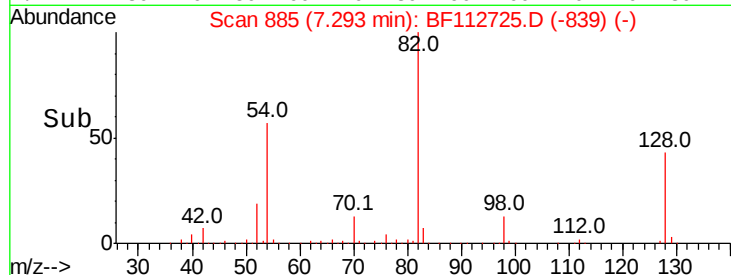
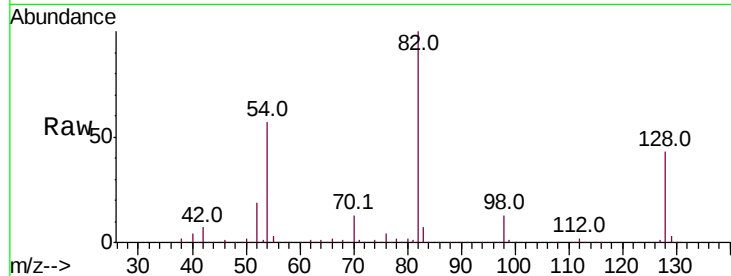
Tot Ion: 77 Resp: 3244

Ion Ratio Lower Upper

77 100

123 0.0 37.8 56.6#

65 35.9 11.1 16.7#



#25

Isophorone

Concen: 32.563 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.26 min

Lab File: BF112725.D

Acq: 27 Feb 2019 18:03

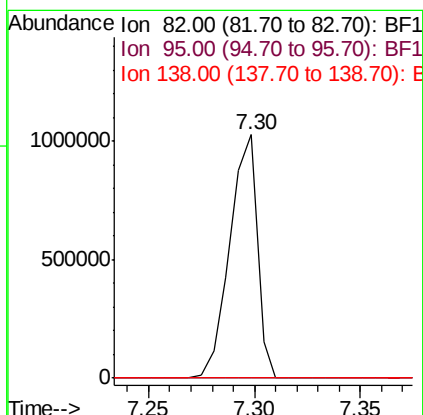
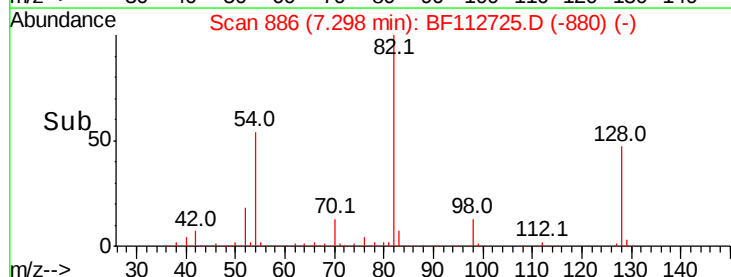
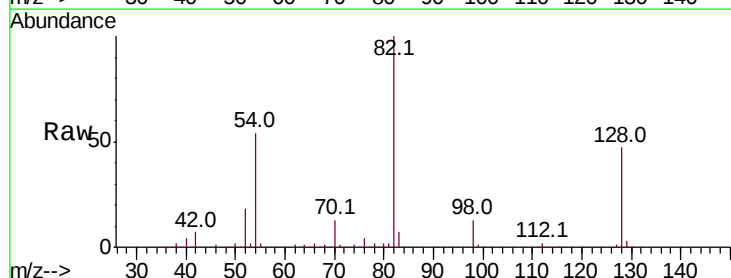
Tgt Ion: 82 Resp: 921739

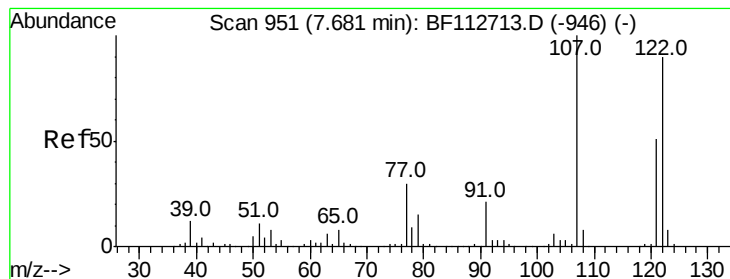
Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 13.8 20.8#





#27

2,4-Dimethylphenol

Concen: 0.038 ng

RT: 7.69 min Scan# 953

Delta R.T. 0.01 min

Lab File: BF112725.D

Acq: 27 Feb 2019 18:03

Instrument :

BNA_F

ClientSampleId :

SB-02-(2-5)

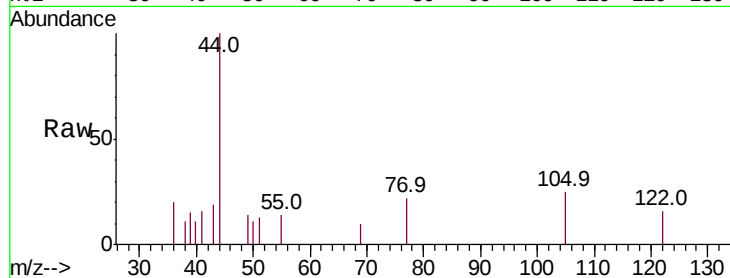
Tot Ion:122 Resp: 430

Ion Ratio Lower Upper

122 100

107 0.0 89.4 134.0#

121 0.0 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

600

400

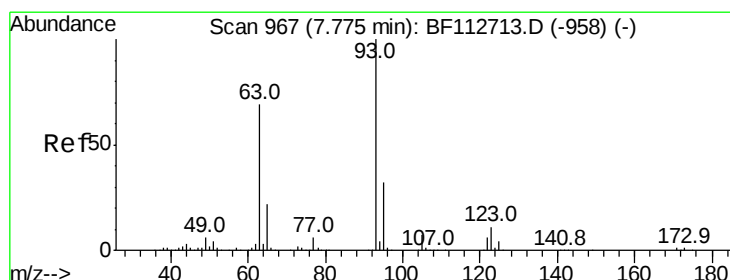
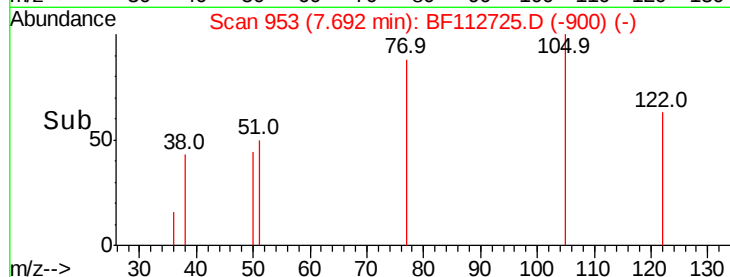
200

0

7.69

7.68 7.70 7.72

Time-->



#28

bis(2-Chloroethoxy)methane

Concen: 0.006 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.15 min

Lab File: BF112725.D

Acq: 27 Feb 2019 18:03

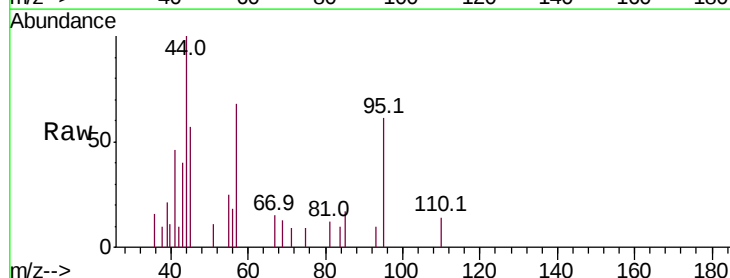
Tgt Ion: 93 Resp: 115

Ion Ratio Lower Upper

93 100

95 619.6 26.0 39.0#

123 0.0 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

3000

2000

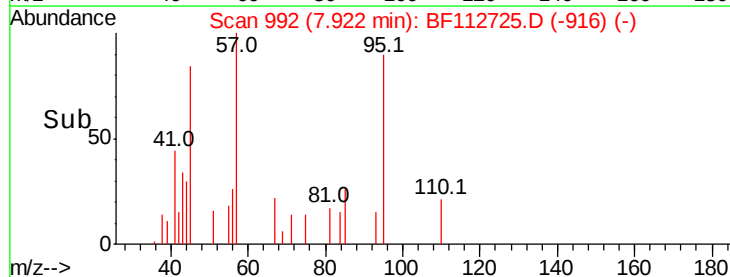
1000

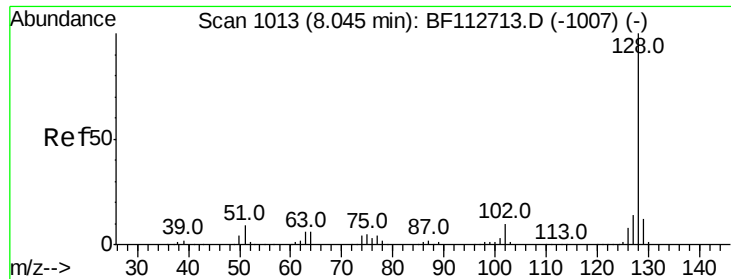
0

7.92

7.90 7.91 7.92 7.93 7.94

Time-->





#31

Naphthalene

Concen: 0.205 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF112725.D

Acq: 27 Feb 2019 18:03

Instrument :

BNA_F

ClientSampleId :

SB-02-(2-5)

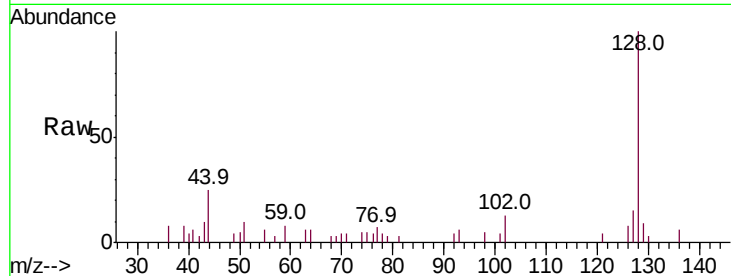
Tot Ion:128 Resp: 7985

Ion Ratio Lower Upper

128 100

129 9.0 9.3 13.9#

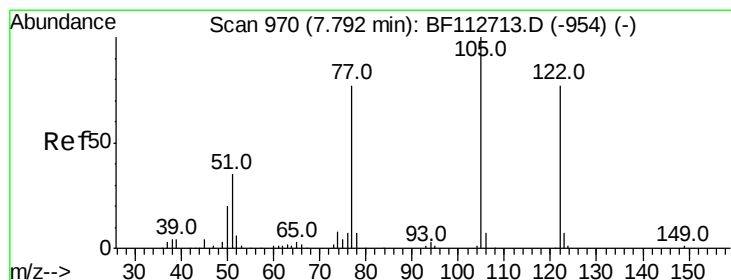
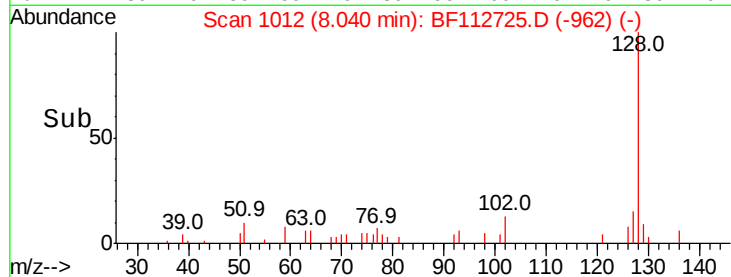
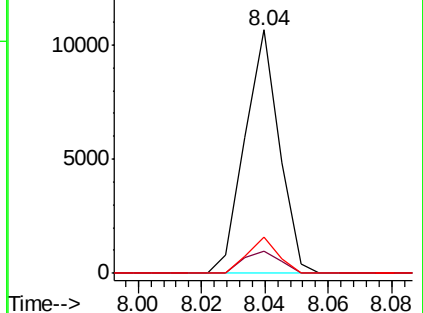
127 14.7 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 0.054 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.10 min

Lab File: BF112725.D

Acq: 27 Feb 2019 18:03

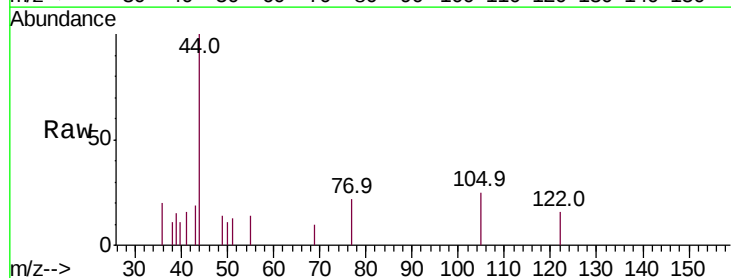
Tgt Ion:122 Resp: 430

Ion Ratio Lower Upper

122 100

105 158.7 106.8 146.8#

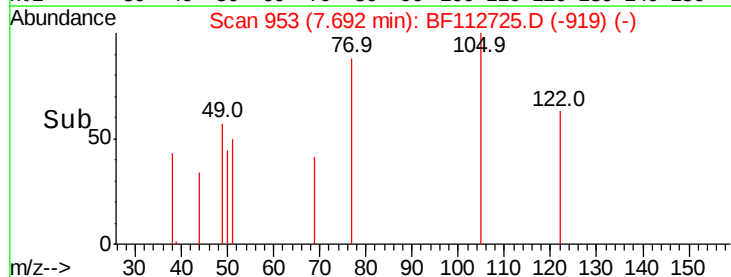
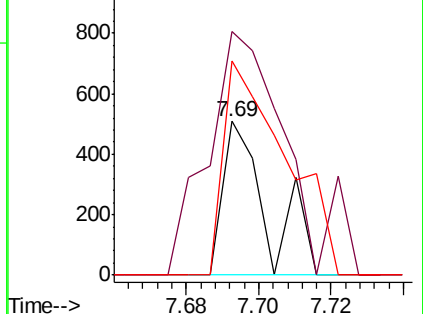
77 139.4 79.4 119.4#

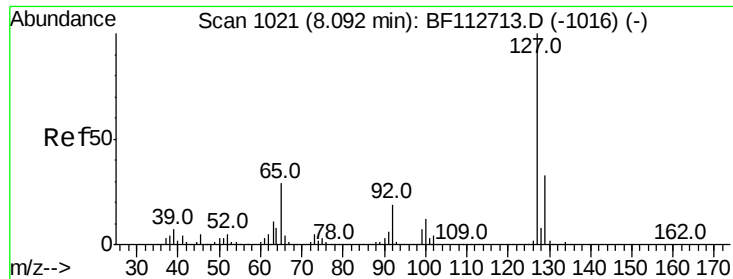


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

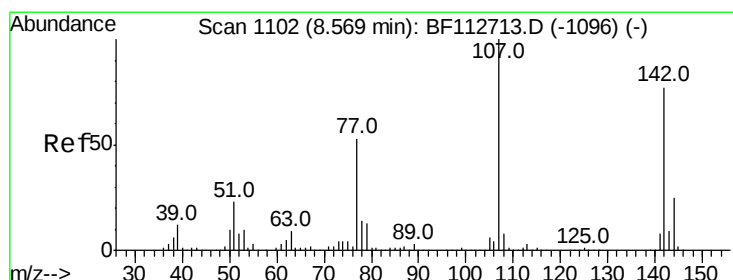
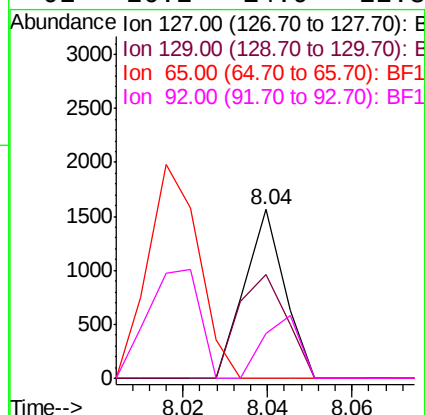
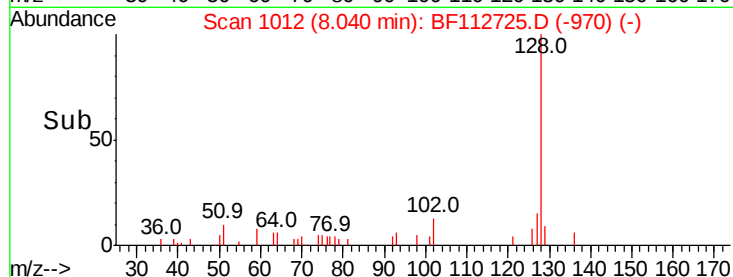
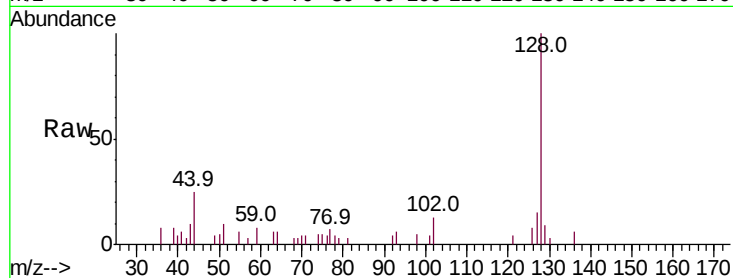




#33
4-Chloroaniline
Concen: 0.062 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.05 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

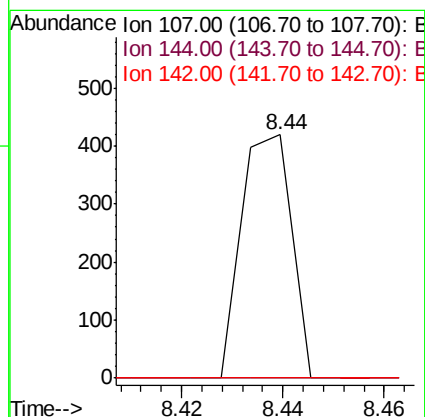
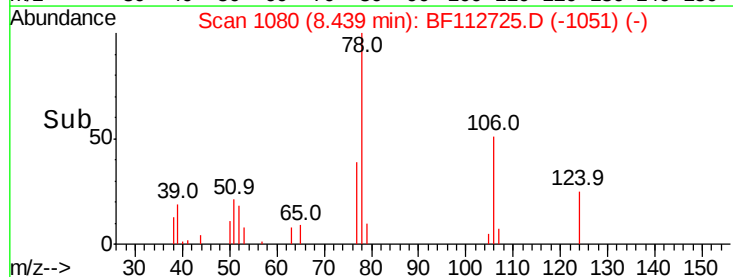
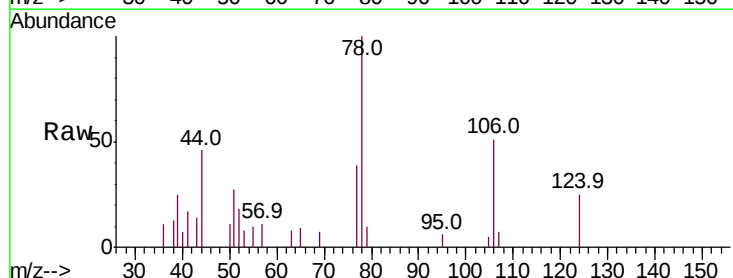
Instrument :
BNA_F
ClientSampleId :
SB-02-(2-5)

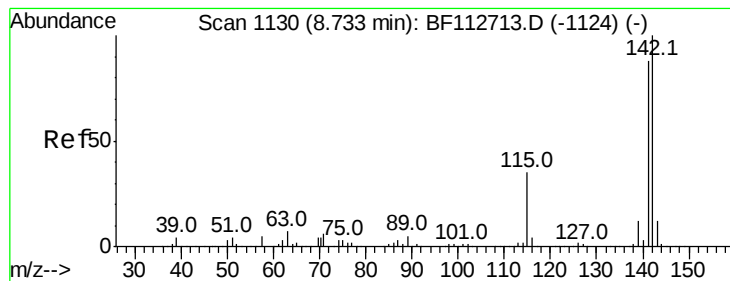
Tot Ion:	127	Resp:	1033
Ion	Ratio	Lower	Upper
127	100		
129	61.2	26.4	39.6#
65	0.0	23.1	34.7#
92	26.2	14.9	22.3#



#36
4-Chloro-3-methylphenol
Concen: 0.024 ng
RT: 8.44 min Scan# 1080
Delta R.T. -0.13 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Tgt Ion:	107	Resp:	288
Ion	Ratio	Lower	Upper
107	100		
144	0.0	20.1	30.1#
142	0.0	61.9	92.9#

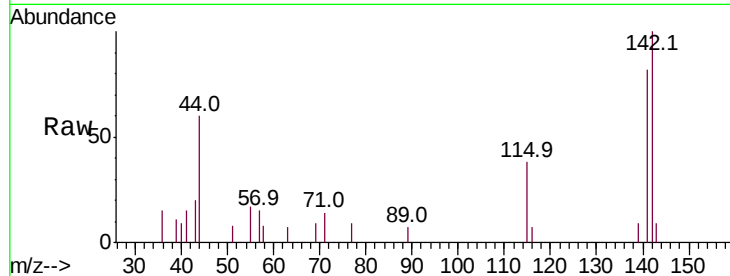




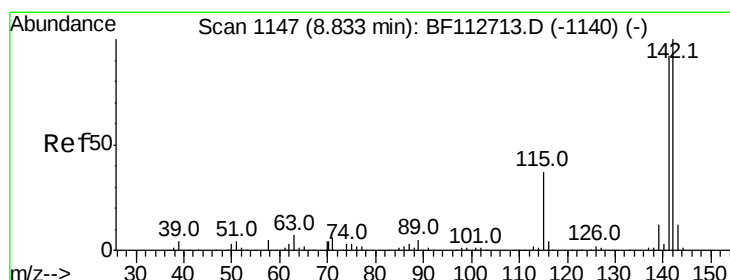
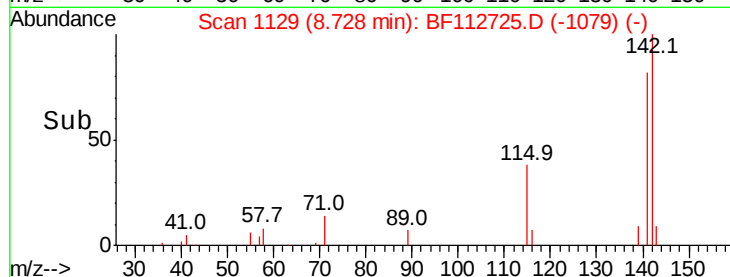
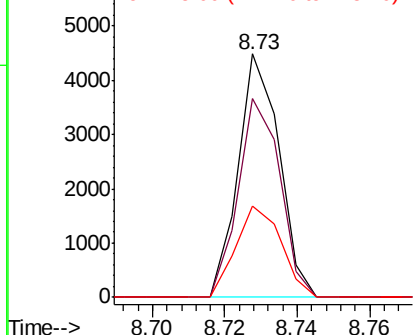
#37
 2-Methylnaphthalene
 Concen: 0.140 ng
 RT: 8.73 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BF112725.D
 Acq: 27 Feb 2019 18:03

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-(2-5)

Tot Ion:142 Resp: 3522
 Ion Ratio Lower Upper
 142 100
 141 81.6 70.3 105.5
 115 37.6 27.8 41.6

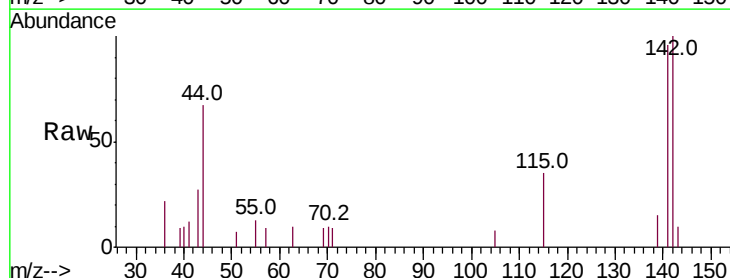


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

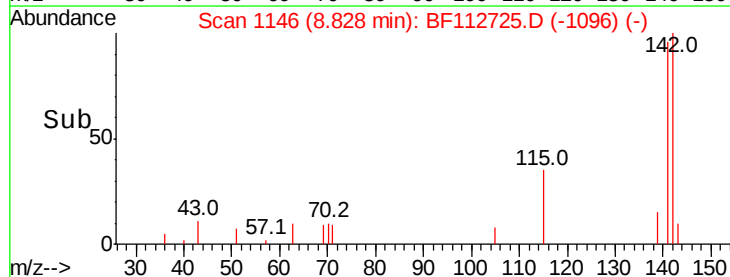
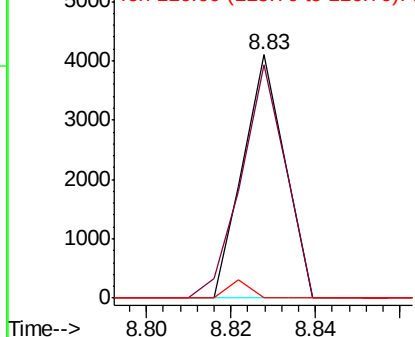


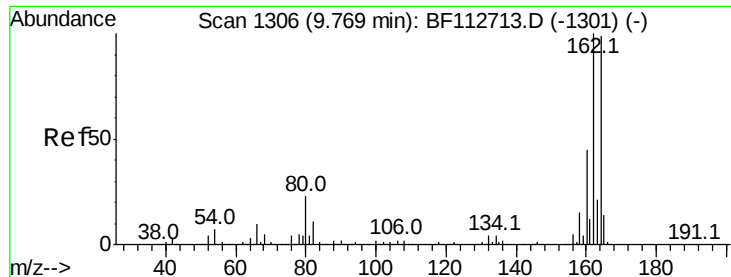
#38
 1-Methylnaphthalene
 Concen: 0.116 ng
 RT: 8.83 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF112725.D
 Acq: 27 Feb 2019 18:03

Tgt Ion:142 Resp: 2828
 Ion Ratio Lower Upper
 142 100
 141 95.7 73.7 110.5
 116 0.0 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

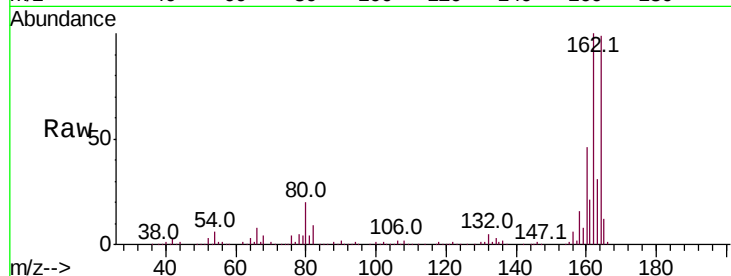




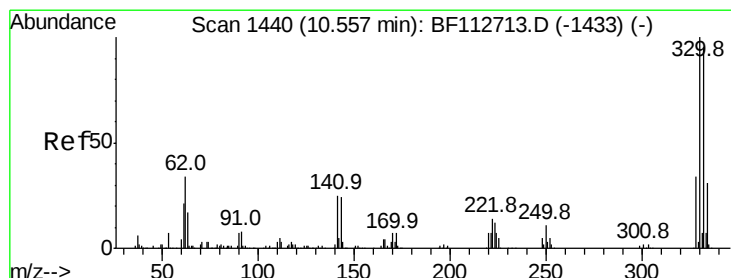
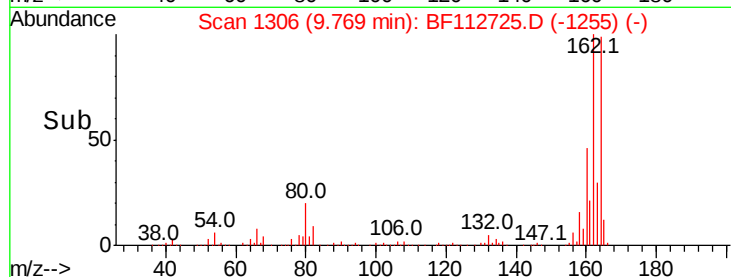
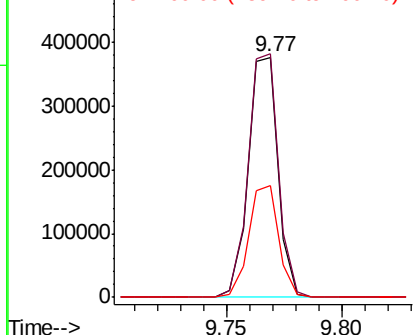
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Instrument :
BNA_F
ClientSampleID :
SB-02-(2-5)

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.6	120.8
160	46.8	36.0	54.0

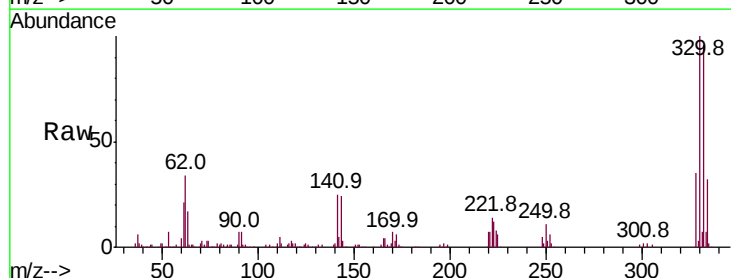


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

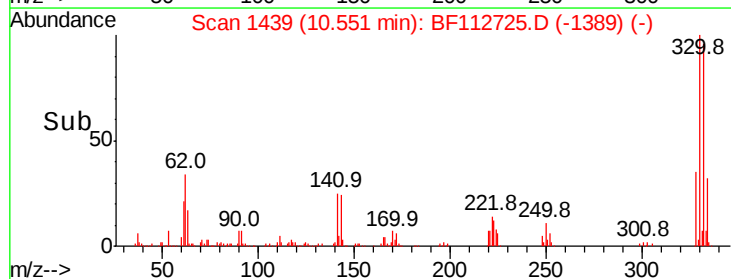
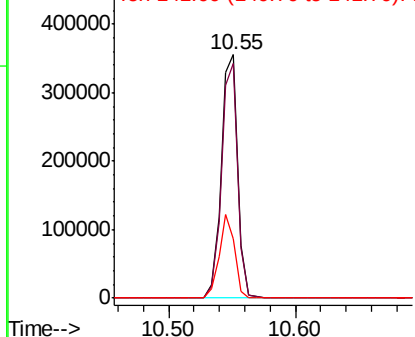


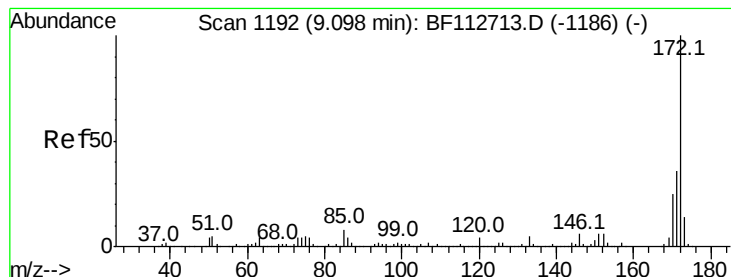
#42
2,4,6-Tribromophenol
Concen: 89.468 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.2	114.4
141	32.7	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





#45

2-Fluorobiphenyl

Concen: 75.191 ng

RT: 9.10 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BF112725.D

Acq: 27 Feb 2019 18:03

Instrument :

BNA_F

ClientSampleId :

SB-02-(2-5)

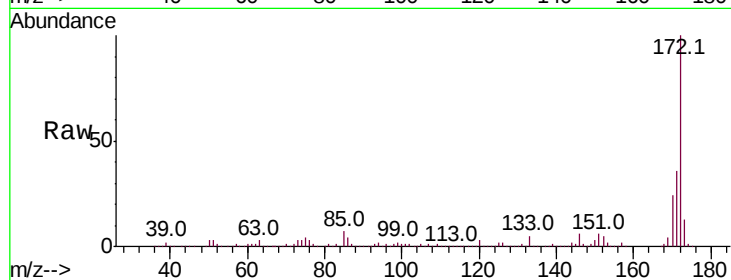
Tot Ion:172 Resp: 1518451

Ion Ratio Lower Upper

172 100

171 35.6 29.0 43.4

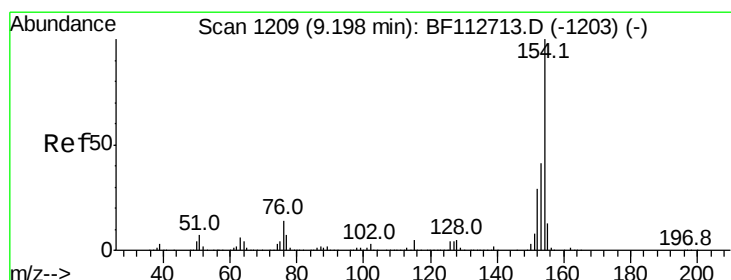
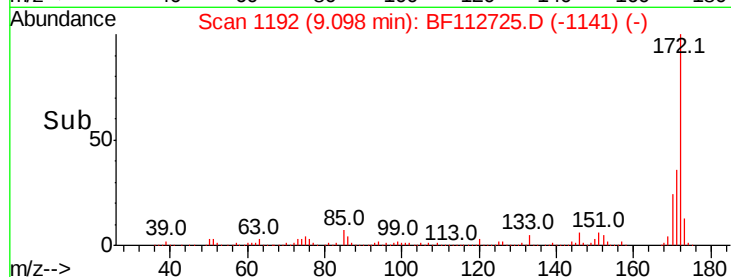
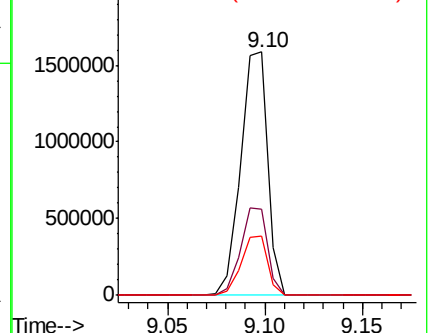
170 24.3 20.0 30.0



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: 0.139 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF112725.D

Acq: 27 Feb 2019 18:03

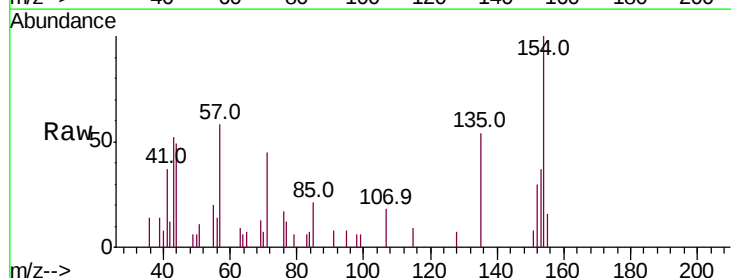
Tgt Ion:154 Resp: 3854

Ion Ratio Lower Upper

154 100

153 37.0 20.8 60.8

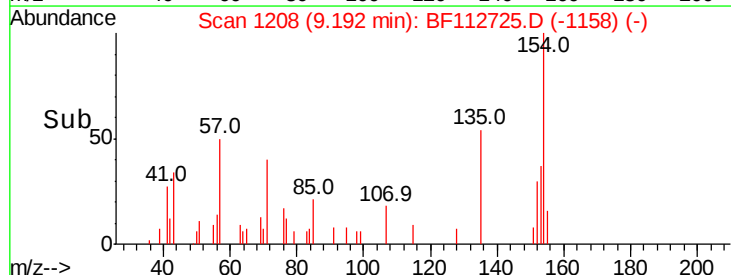
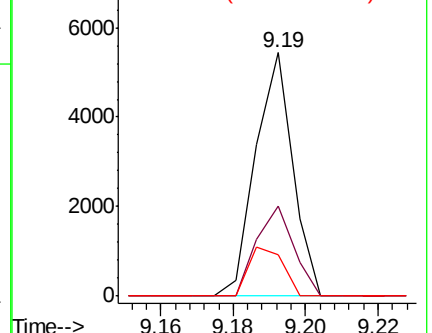
76 17.0 0.0 33.8

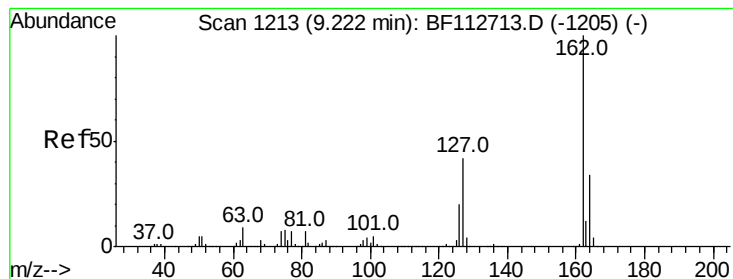


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 0.036 ng

RT: 9.49 min Scan# 1258

Delta R.T. 0.26 min

Lab File: BF112725.D

Acq: 27 Feb 2019 18:03

Instrument :

BNA_F

ClientSampleId :

SB-02-(2-5)

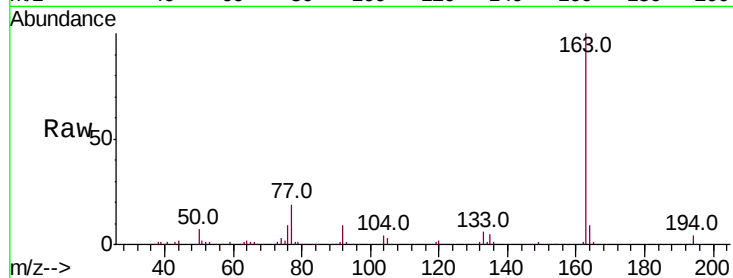
Tot Ion:162 Resp: 786

Ion Ratio Lower Upper

162 100

127 0.0 33.4 50.2#

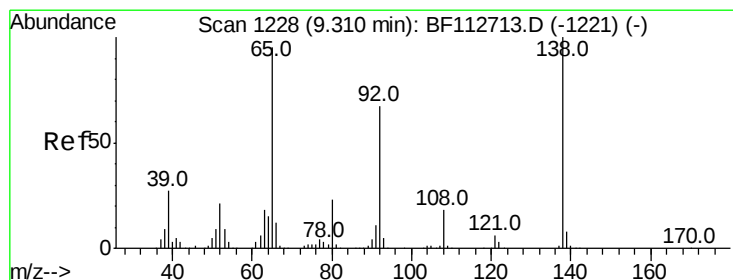
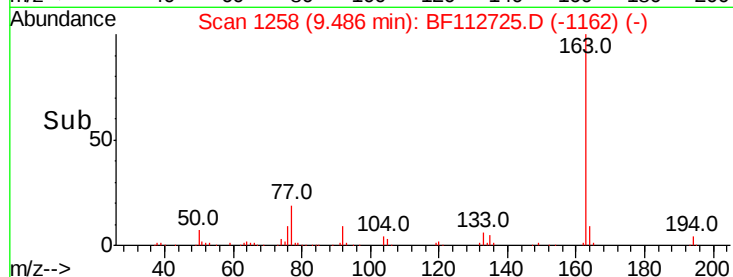
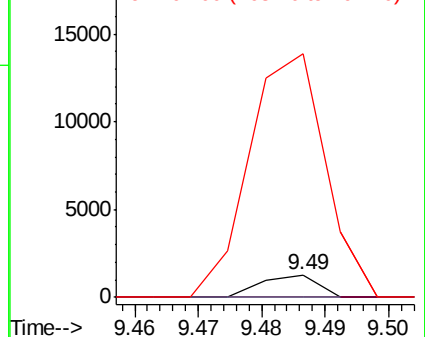
164 1089.9 26.9 40.3#



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: 0.020 ng

RT: 9.39 min Scan# 1241

Delta R.T. 0.08 min

Lab File: BF112725.D

Acq: 27 Feb 2019 18:03

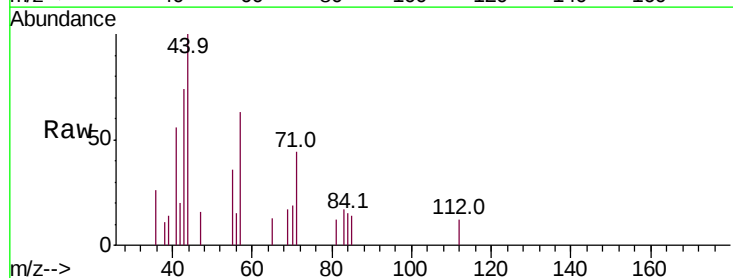
Tgt Ion: 65 Resp: 130

Ion Ratio Lower Upper

65 100

92 0.0 56.4 84.6#

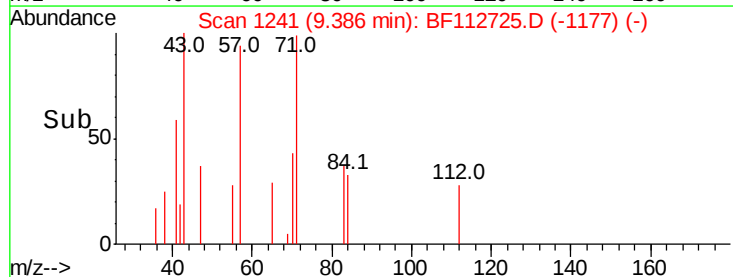
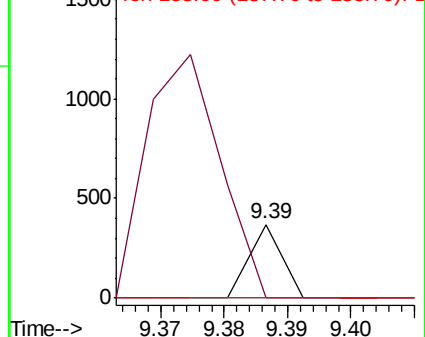
138 0.0 84.6 126.8#

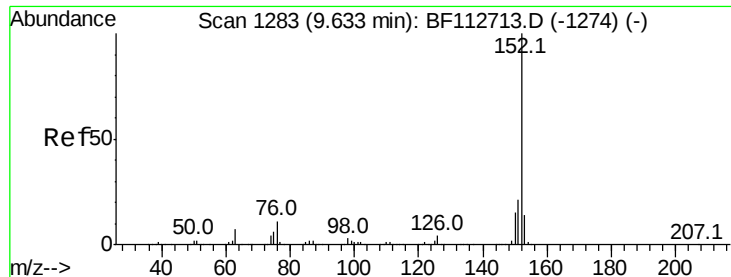


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 0.247 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF112725.D

Acq: 27 Feb 2019 18:03

Instrument :

BNA_F

ClientSampleId :

SB-02-(2-5)

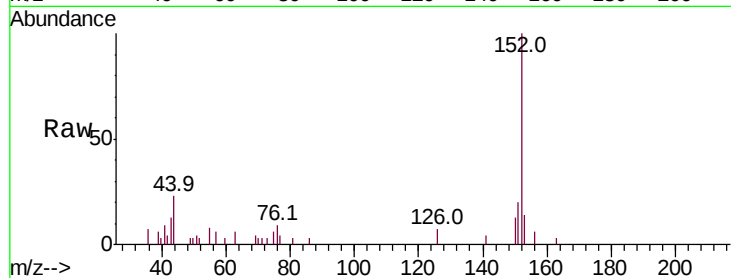
Tot Ion:152 Resp: 9073

Ion Ratio Lower Upper

152 100

151 20.0 16.9 25.3

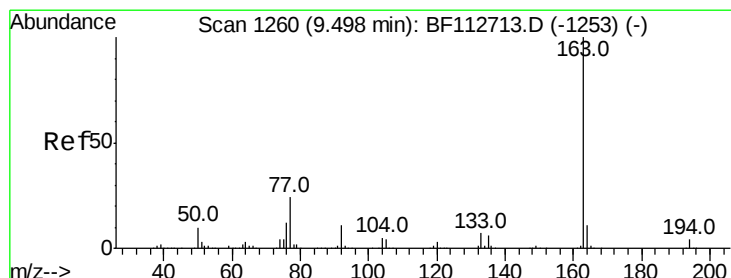
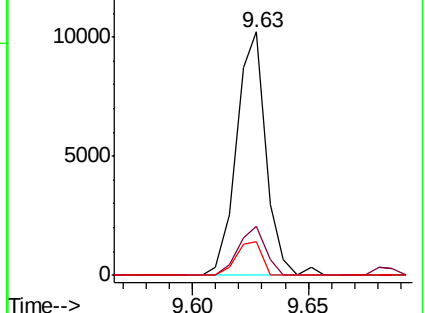
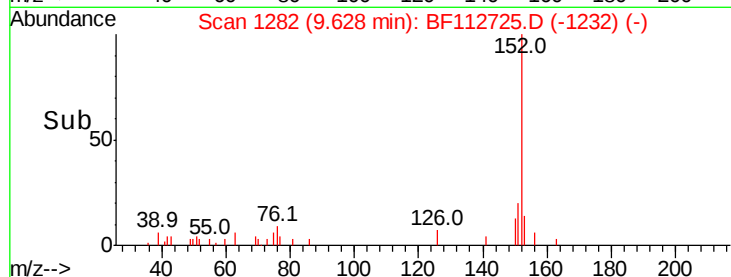
153 13.7 11.0 16.6



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: 4.677 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BF112725.D

Acq: 27 Feb 2019 18:03

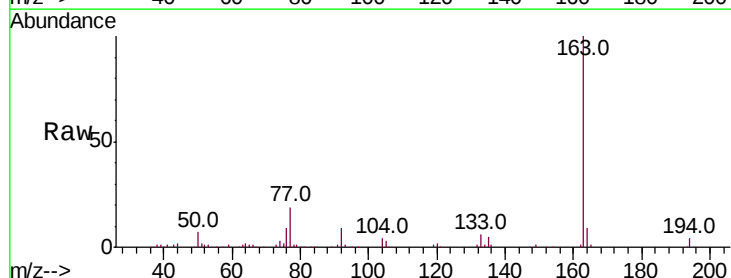
Tgt Ion:163 Resp: 117156

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.4

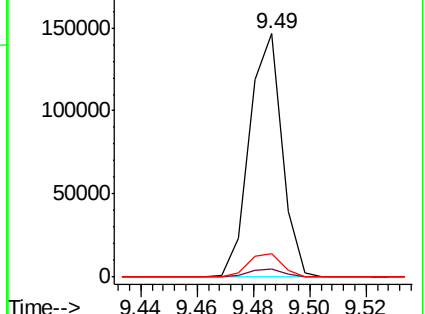
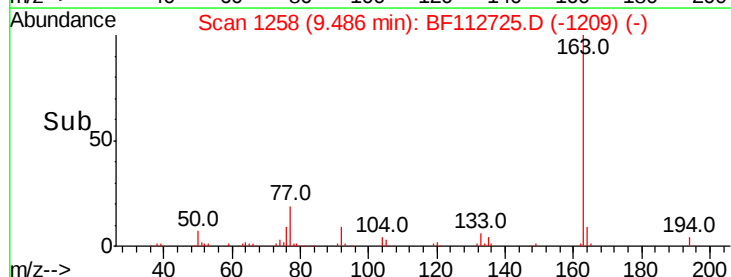
164 9.5 8.4 12.6

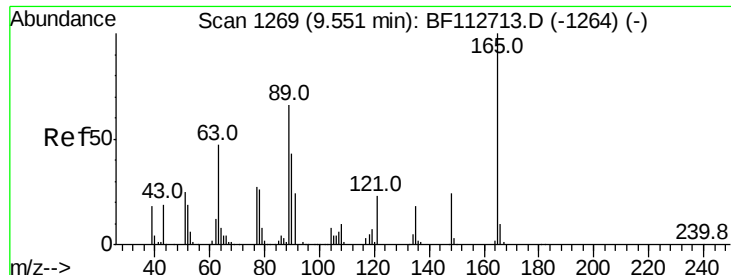


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 8.360 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.21 min

Lab File: BF112725.D

Acq: 27 Feb 2019 18:03

Instrument :

BNA_F

ClientSampleId :

SB-02-(2-5)

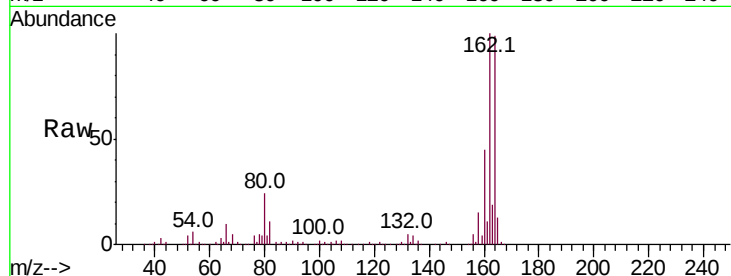
Tot Ion:165 Resp: 43604

Ion Ratio Lower Upper

165 100

63 1.3 54.1 81.1#

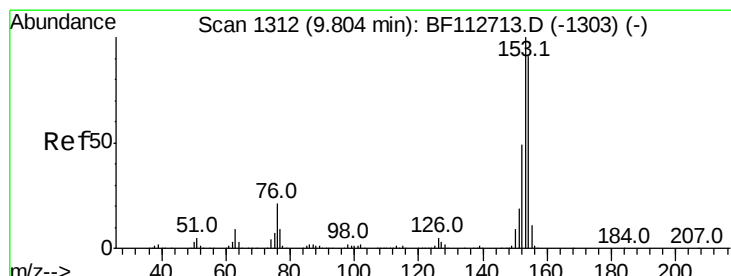
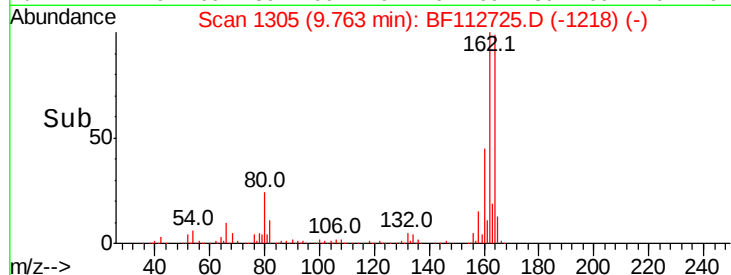
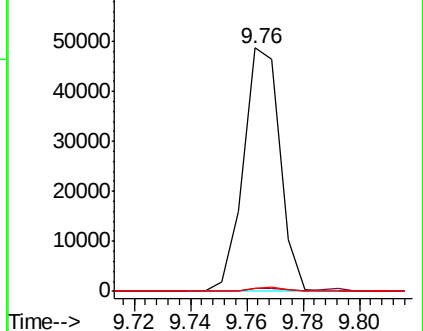
89 1.2 52.8 79.2#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 0.110 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF112725.D

Acq: 27 Feb 2019 18:03

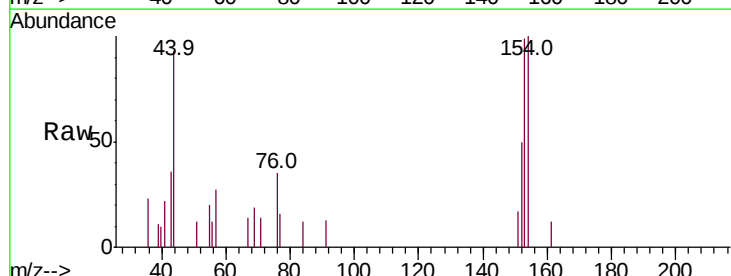
Tgt Ion:154 Resp: 2360

Ion Ratio Lower Upper

154 100

153 98.8 87.8 131.8

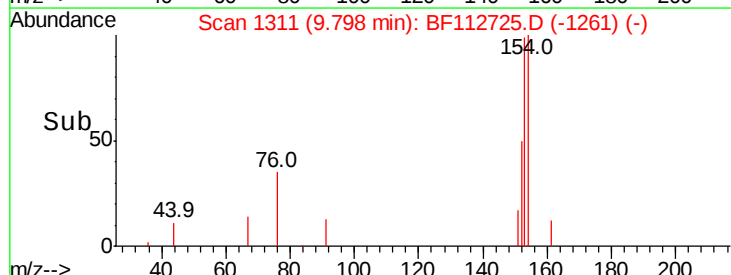
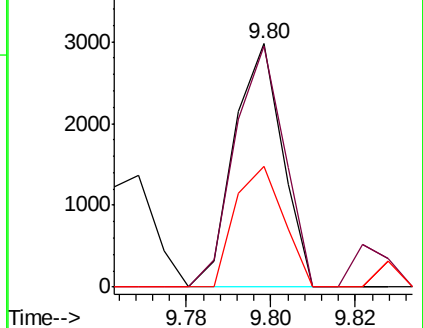
152 49.6 43.0 64.6

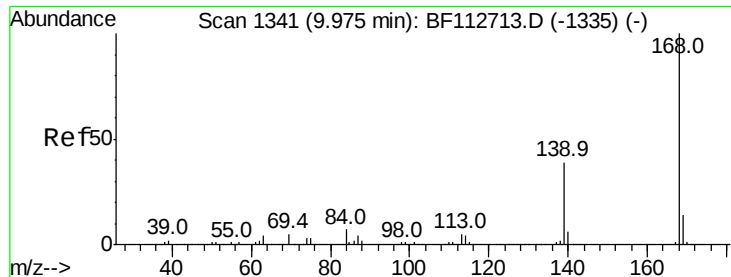


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#55

Dibenzenofuran

Concen: 0.105 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF112725.D

Acq: 27 Feb 2019 18:03

Instrument :

BNA_F

ClientSampleId :

SB-02-(2-5)

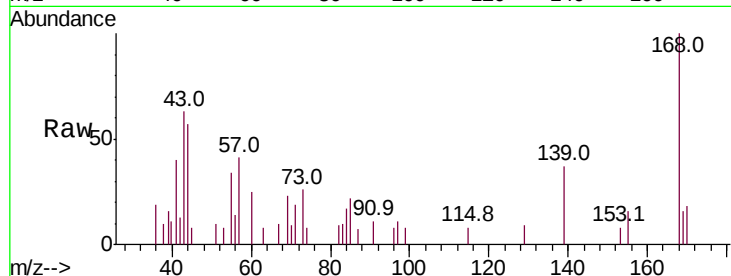
Tot Ion:168 Resp: 3266

Ion Ratio Lower Upper

168 100

139 37.0 31.3 46.9

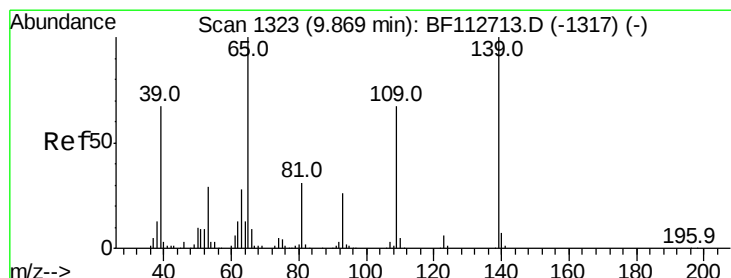
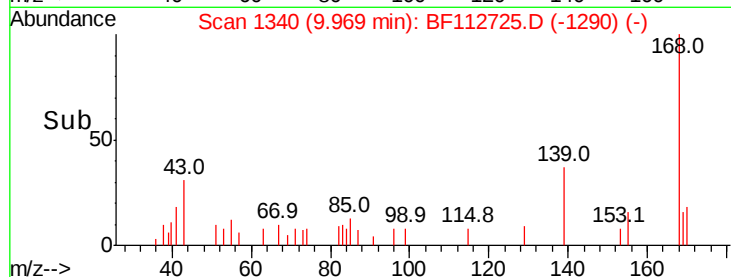
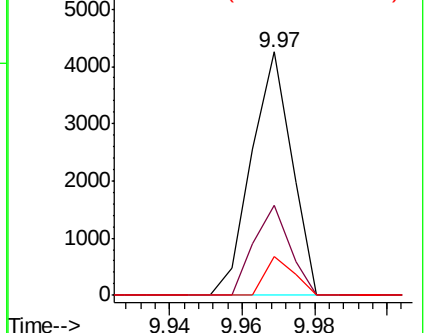
169 15.8 11.3 16.9



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: 0.210 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.10 min

Lab File: BF112725.D

Acq: 27 Feb 2019 18:03

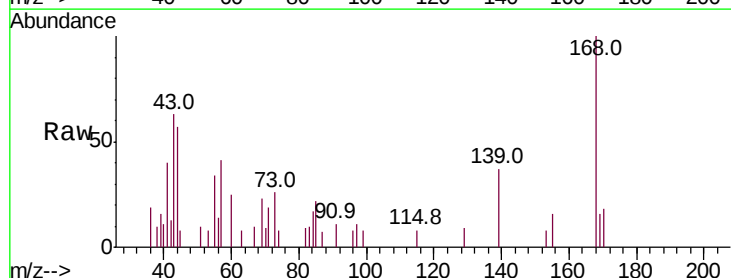
Tgt Ion:139 Resp: 1084

Ion Ratio Lower Upper

139 100

109 0.0 46.8 86.8#

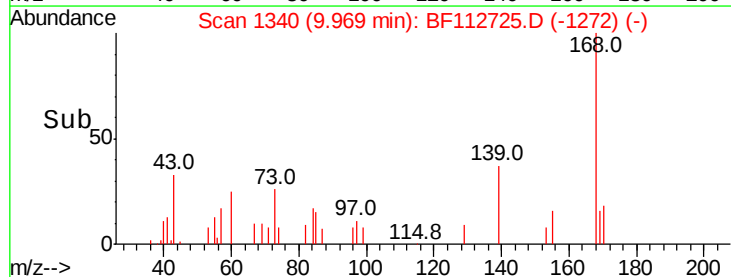
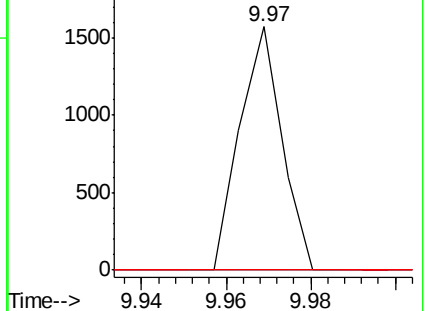
65 0.0 80.7 120.7#

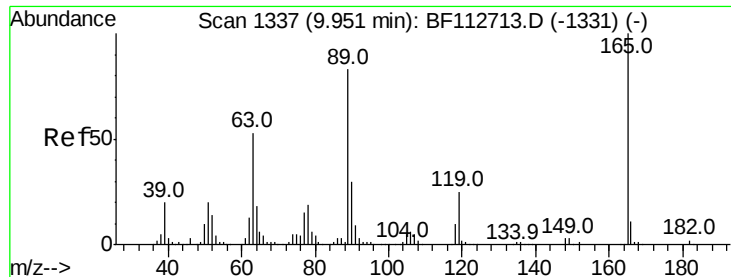


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

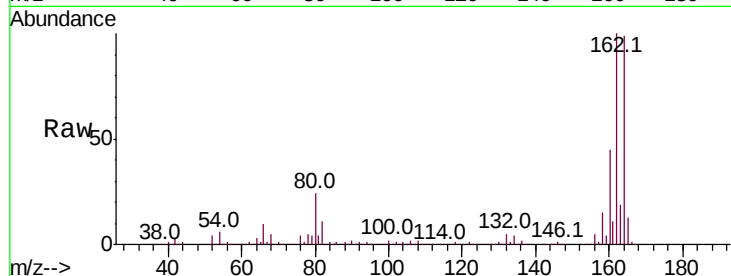




#57
2,4-Dinitrotoluene
Concen: 6.725 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.19 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SB-02-(2-5)

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	42.2	63.2#
89	1.2	66.2	99.4#
182	0.0	1.8	2.6#



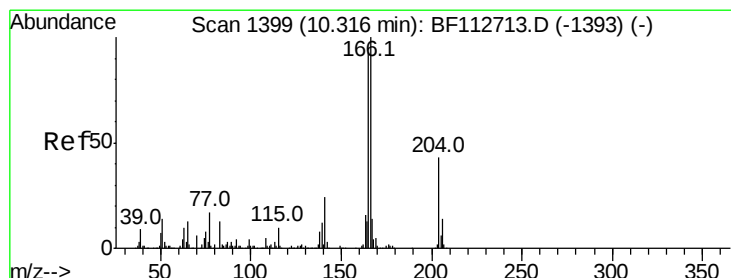
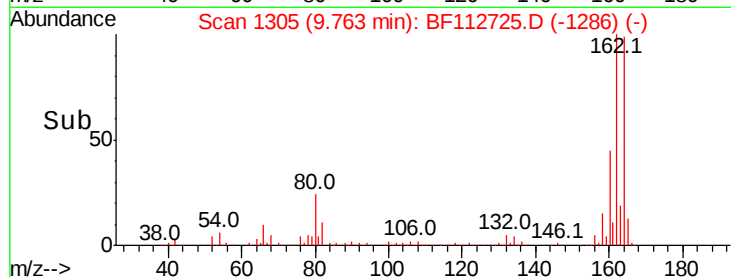
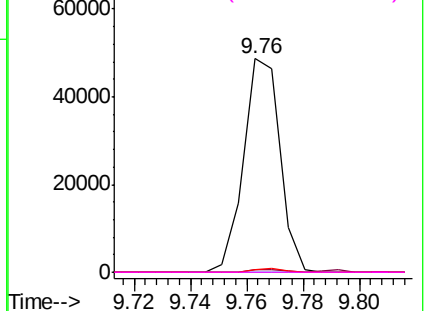
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

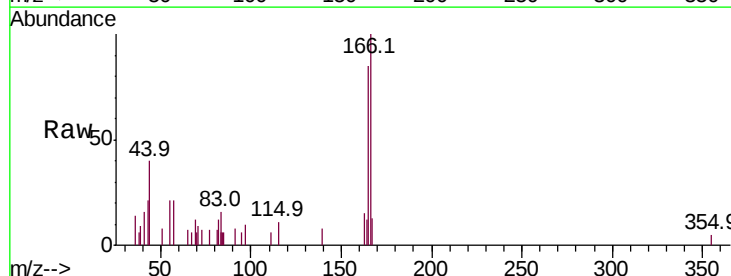
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 0.201 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Tgt Ion	Ratio	Lower	Upper
166	100		
165	84.7	74.7	112.1
167	13.0	11.0	16.6

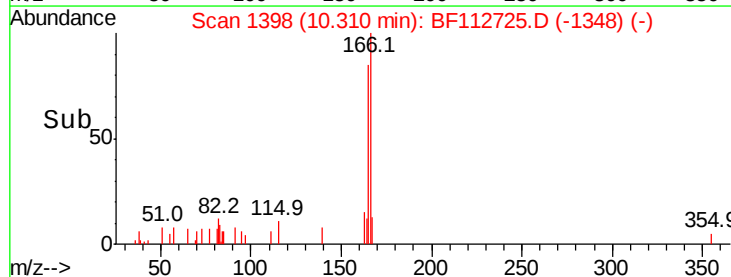
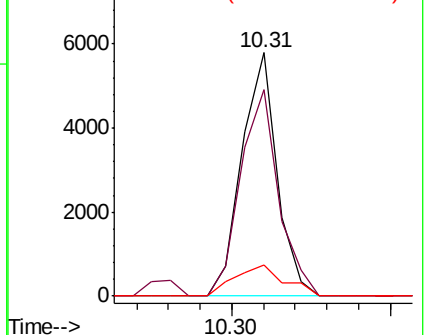


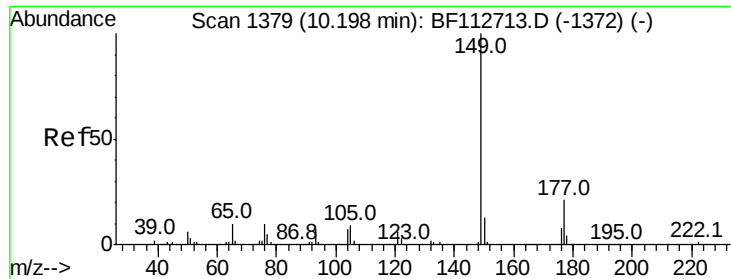
Abundance

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

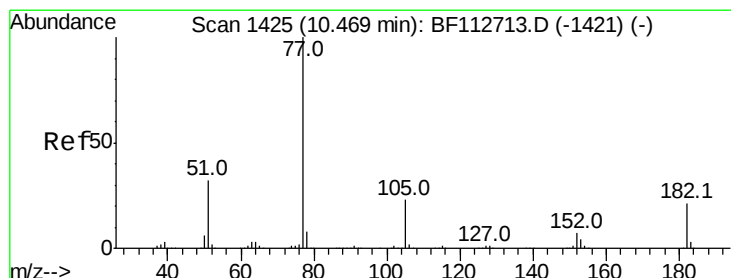
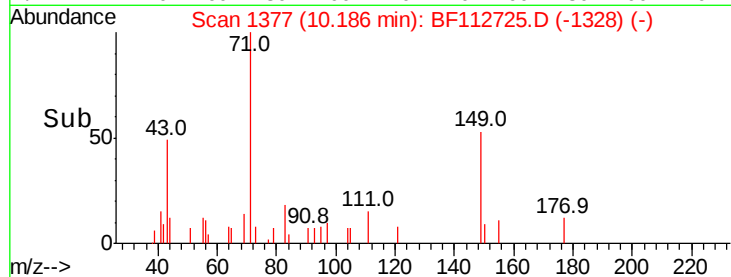
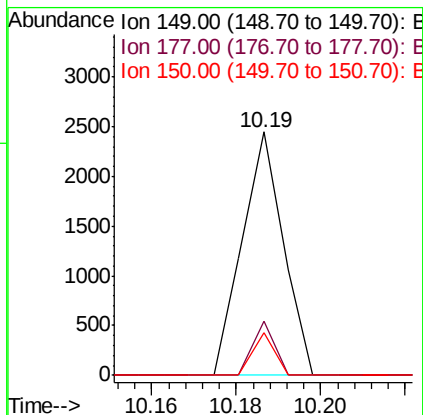
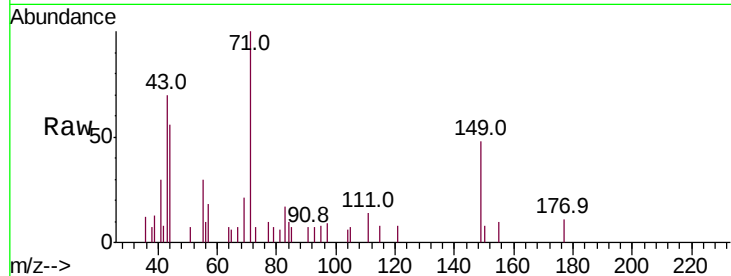




#60
Diethylphthalate
Concen: 0.063 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

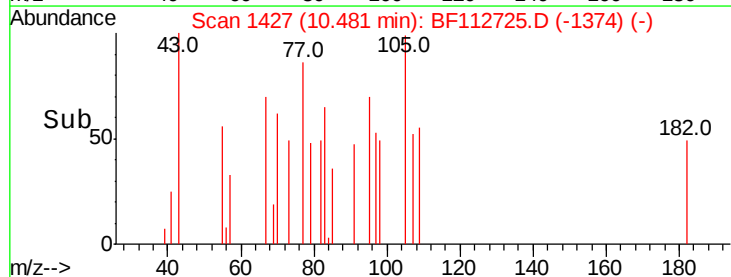
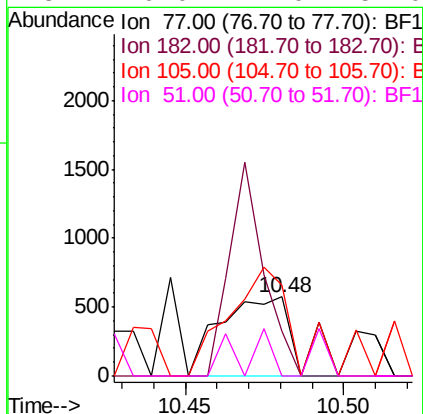
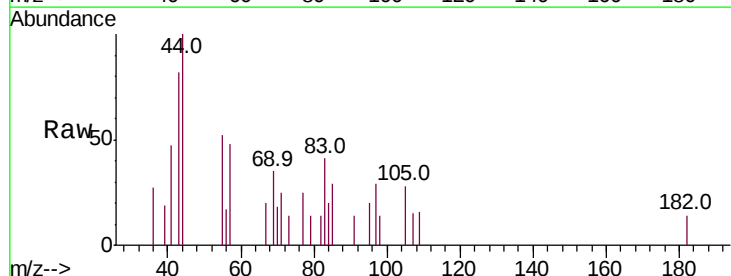
Instrument :
BNA_F
ClientSampled :
SB-02-(2-5)

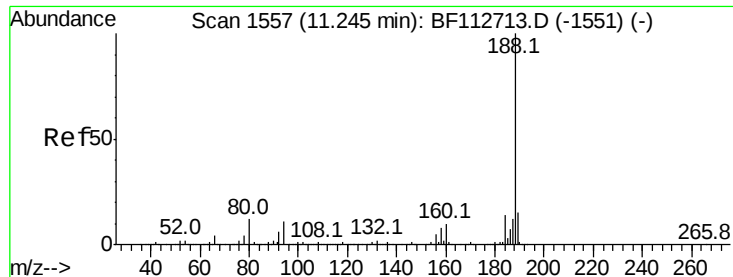
Tot Ion:149 Resp: 1654
Ion Ratio Lower Upper
149 100
177 22.3 17.0 25.6
150 17.3 10.0 15.0#



#63
Azobenzene
Concen: 0.036 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Tgt Ion: 77 Resp: 982
Ion Ratio Lower Upper
77 100
182 57.5 1.4 41.4#
105 115.0 2.6 42.6#
51 0.0 12.0 52.0#

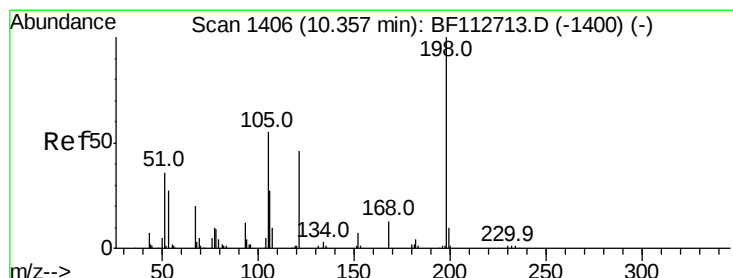
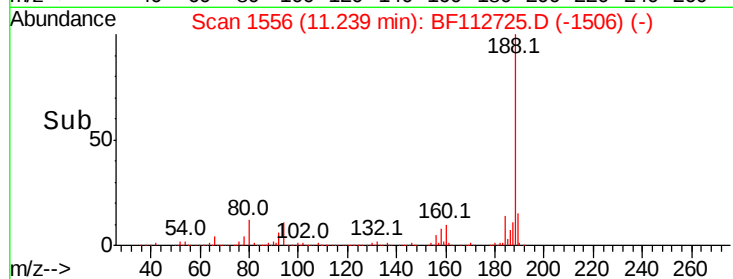
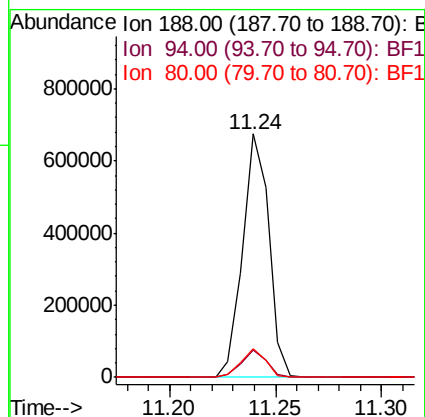
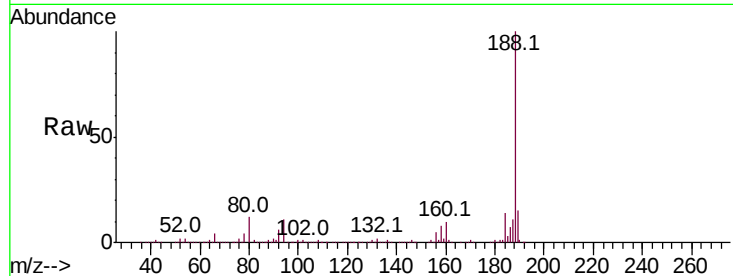




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

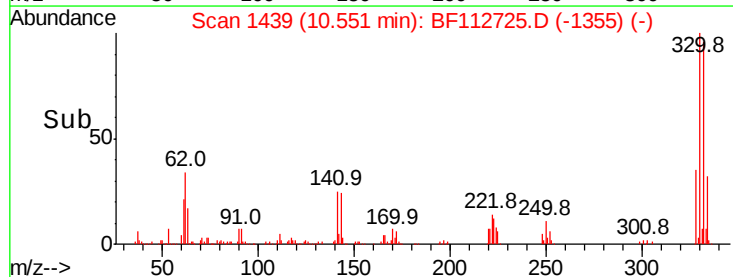
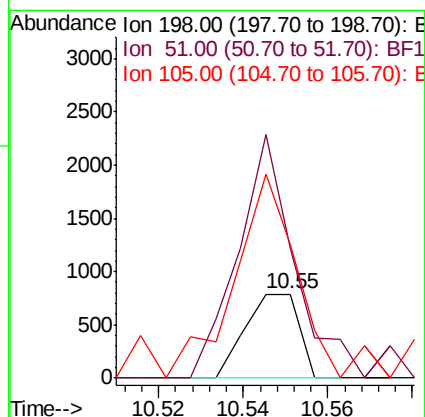
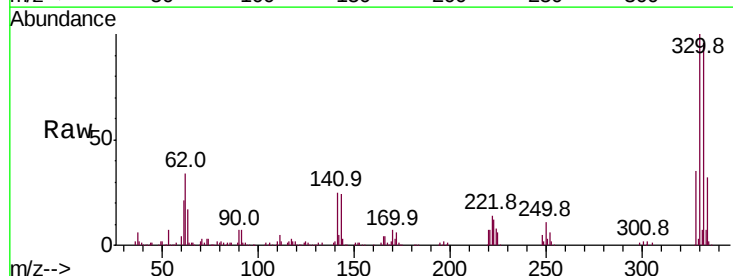
Instrument :
BNA_F
ClientSampleId :
SB-02-(2-5)

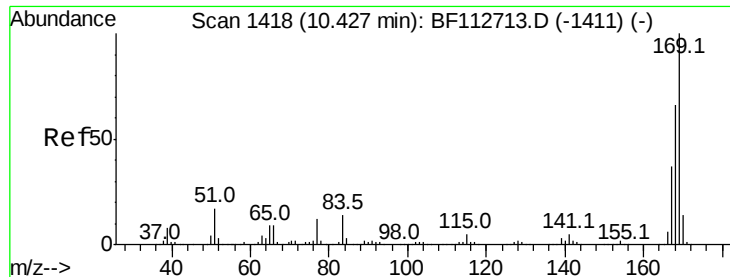
Tot Ion:188 Resp: 579158
Ion Ratio Lower Upper
188 100
94 11.3 9.0 13.4
80 12.0 9.2 13.8



#65
4,6-Dinitro-2-methylphenol
Concen: 4.877 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.20 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Tgt Ion:198 Resp: 695
Ion Ratio Lower Upper
198 100
51 154.7 43.8 83.8#
105 158.9 36.5 76.5#

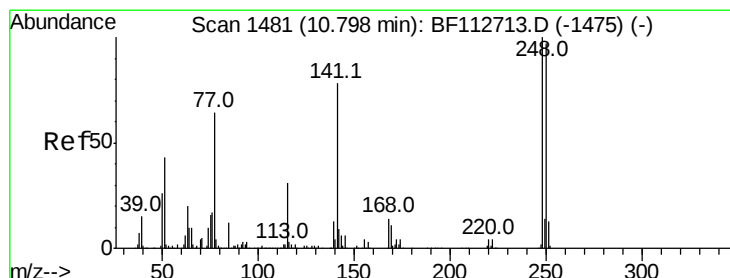
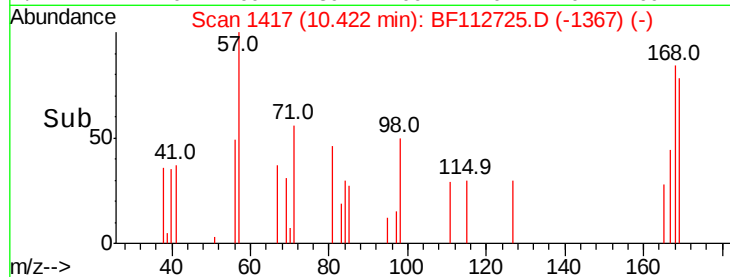
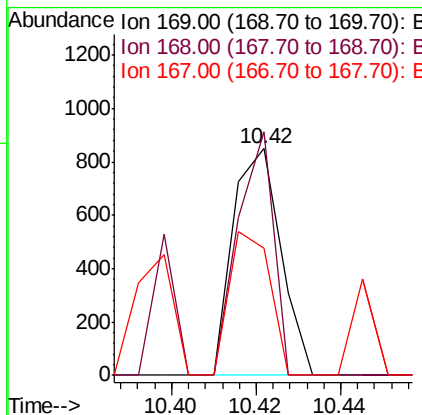
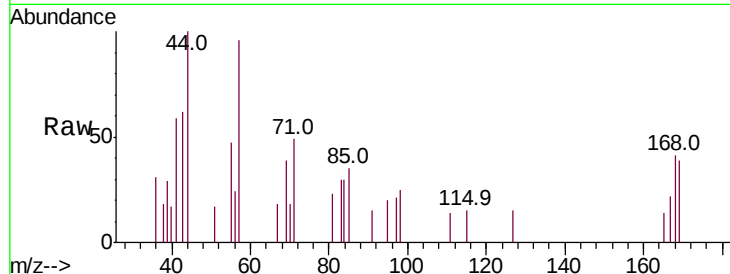




#66
 n-Nitrosodiphenylamine
 Concen: 0.036 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF112725.D
 Acq: 27 Feb 2019 18:03

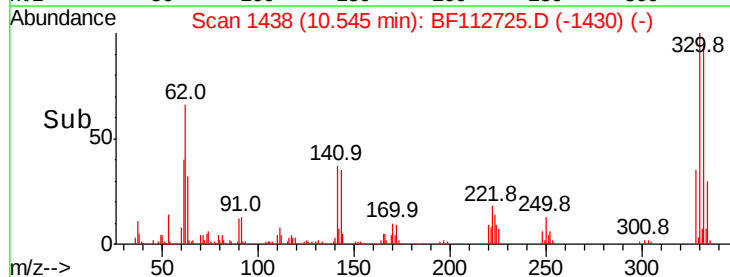
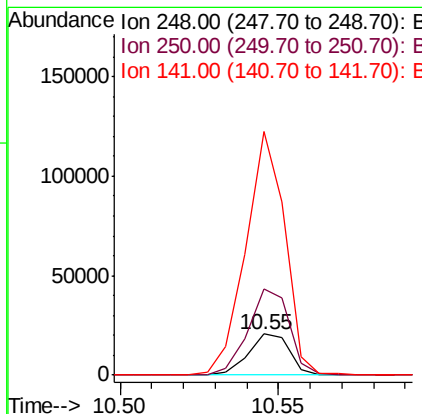
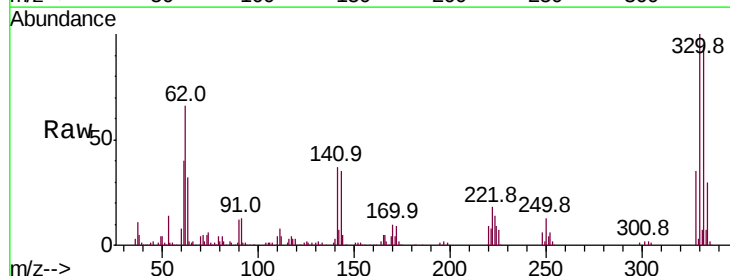
Instrument :
 BNA_F
 ClientSampleId :
 SB-02-(2-5)

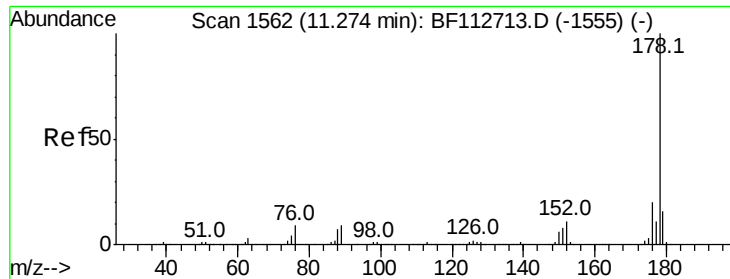
Tot Ion:169 Resp: 666
 Ion Ratio Lower Upper
 169 100
 168 107.4 53.0 79.6#
 167 56.1 29.3 43.9#



#67
 4-Bromophenyl-phenylether
 Concen: 3.026 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.25 min
 Lab File: BF112725.D
 Acq: 27 Feb 2019 18:03

Tgt Ion:248 Resp: 18457
 Ion Ratio Lower Upper
 248 100
 250 209.1 77.5 116.3#
 141 595.3 62.4 93.6#

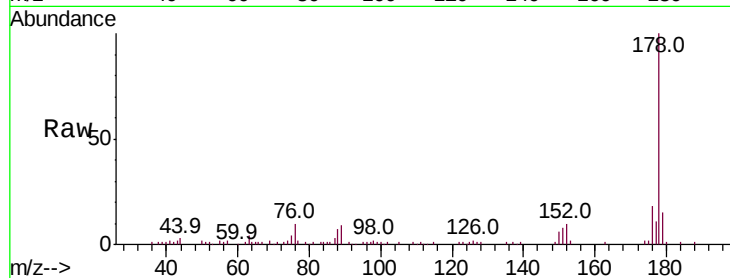




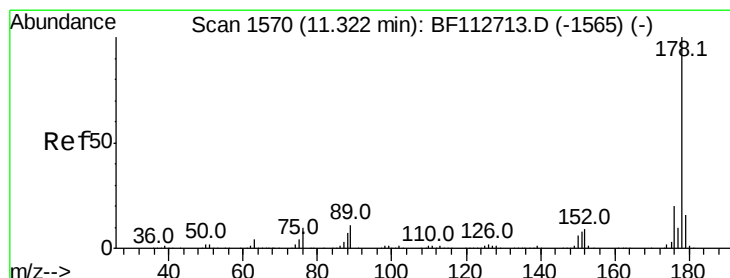
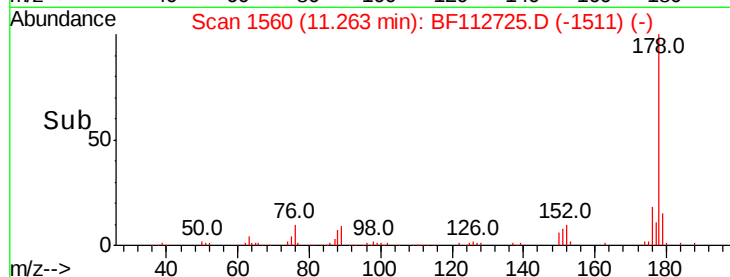
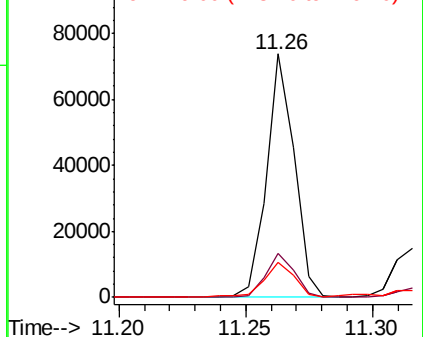
#71
Phenanthrene
Concen: 1.941 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SB-02-(2-5)

Tot Ion:178 Resp: 55918
Ion Ratio Lower Upper
178 100
176 17.9 16.3 24.5
179 14.6 12.7 19.1

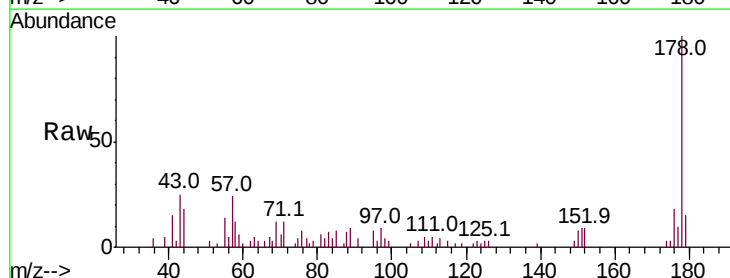


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

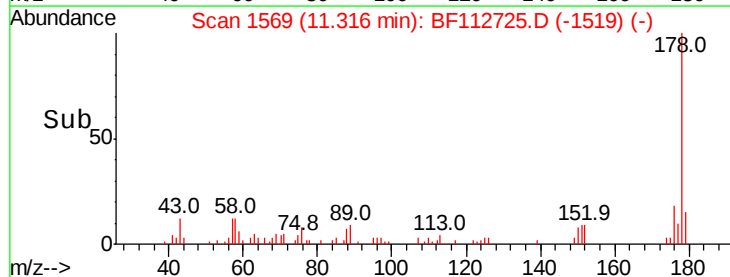
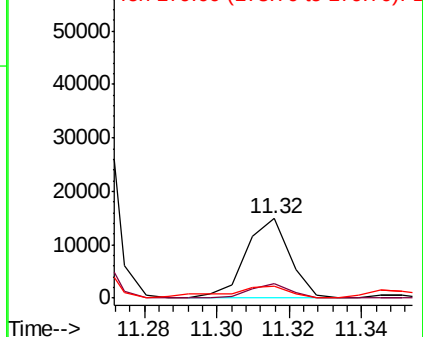


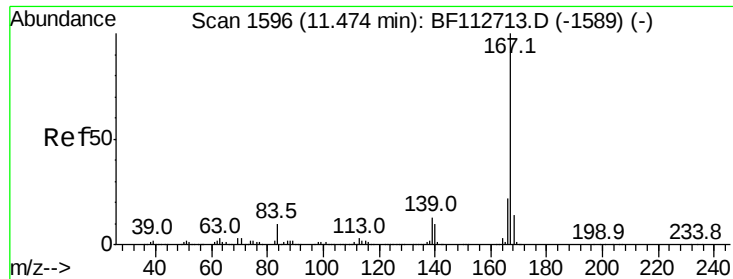
#72
Anthracene
Concen: 0.416 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Tgt Ion:178 Resp: 12551
Ion Ratio Lower Upper
178 100
176 17.9 15.8 23.6
179 15.0 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

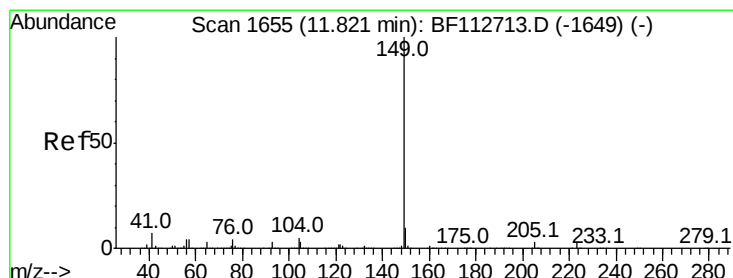
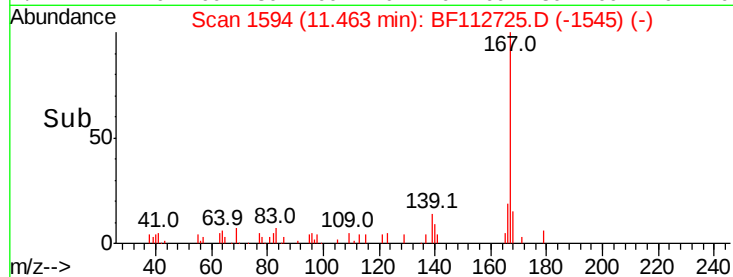
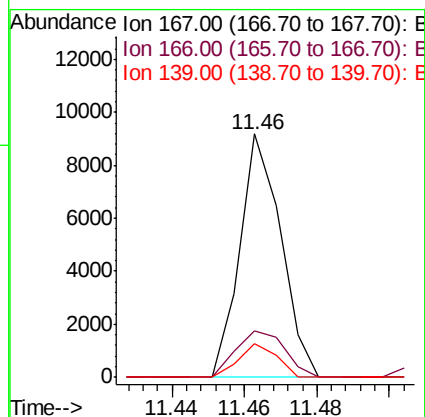
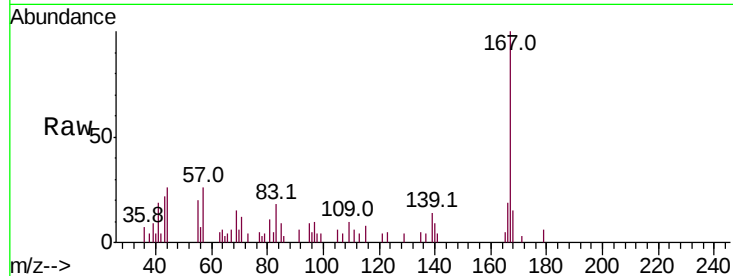




#73
 Carbazole
 Concen: 0.245 ng
 RT: 11.46 min Scan# 1594
 Delta R.T. -0.01 min
 Lab File: BF112725.D
 Acq: 27 Feb 2019 18:03

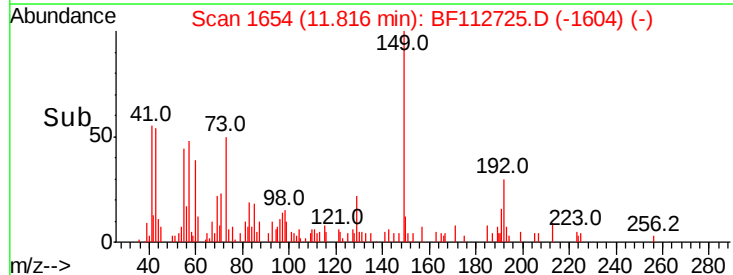
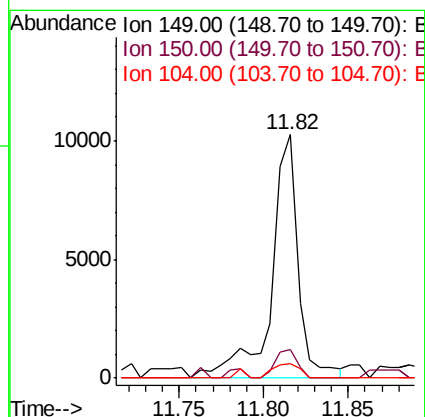
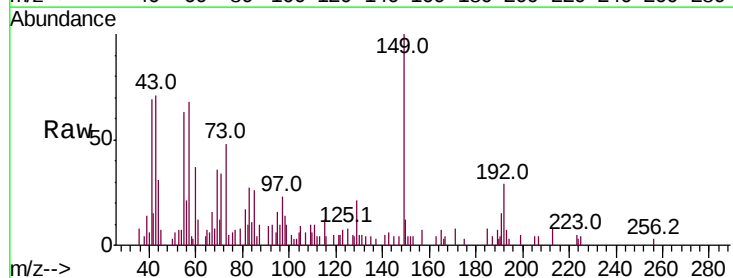
Instrument :
 BNA_F
 ClientSampleId :
 SB-02-(2-5)

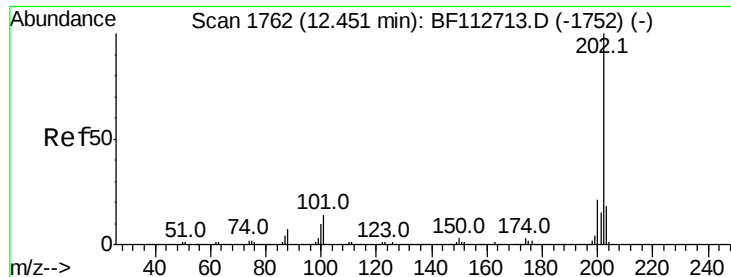
Tot Ion:167 Resp: 7212
 Ion Ratio Lower Upper
 167 100
 166 18.9 17.5 26.3
 139 13.6 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 0.320 ng
 RT: 11.82 min Scan# 1654
 Delta R.T. -0.01 min
 Lab File: BF112725.D
 Acq: 27 Feb 2019 18:03

Tgt Ion:149 Resp: 11273
 Ion Ratio Lower Upper
 149 100
 150 11.7 7.6 11.4#
 104 5.9 3.7 5.5#





#75

Fluoranthene

Concen: 2.979 ng

RT: 12.45 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BF112725.D

Acq: 27 Feb 2019 18:03

Instrument :

BNA_F

ClientSampleId :

SB-02-(2-5)

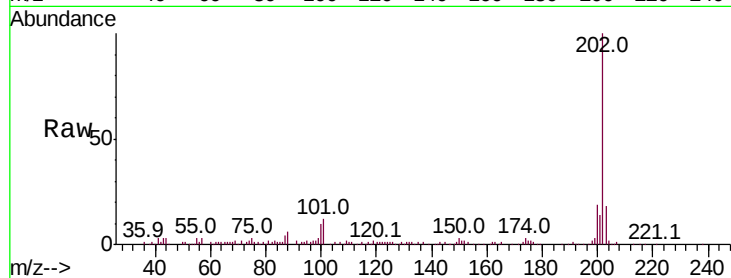
Tot Ion:202 Resp: 91984

Ion Ratio Lower Upper

202 100

101 12.4 0.0 33.8

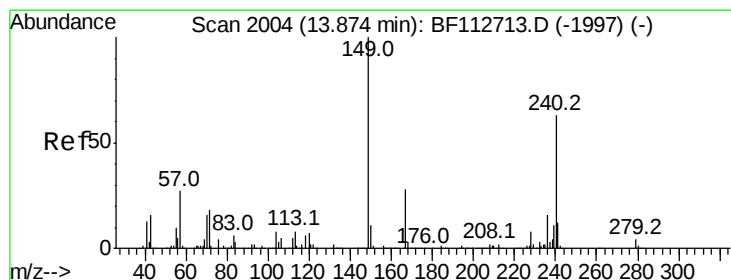
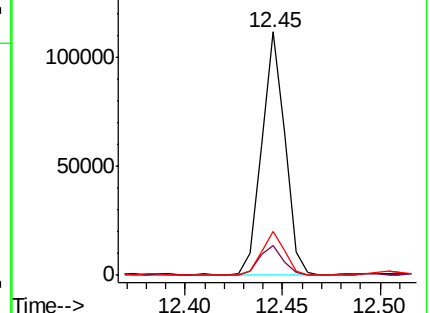
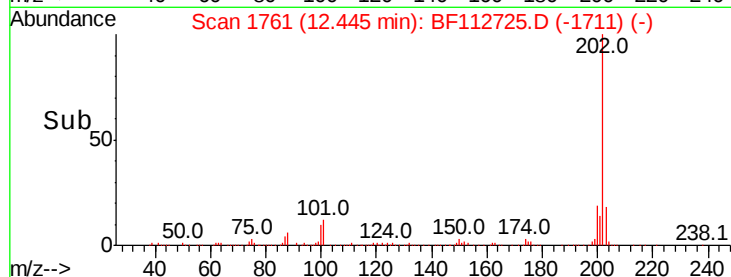
203 18.0 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF112725.D

Acq: 27 Feb 2019 18:03

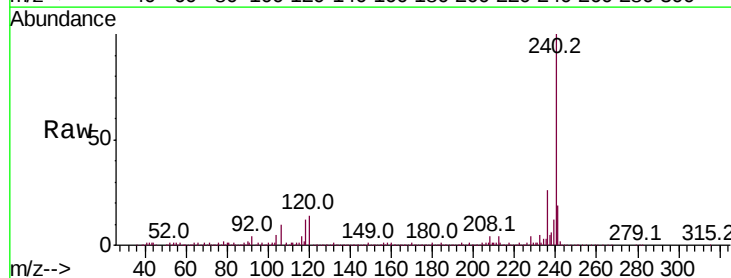
Tgt Ion:240 Resp: 519419

Ion Ratio Lower Upper

240 100

120 13.9 8.9 13.3#

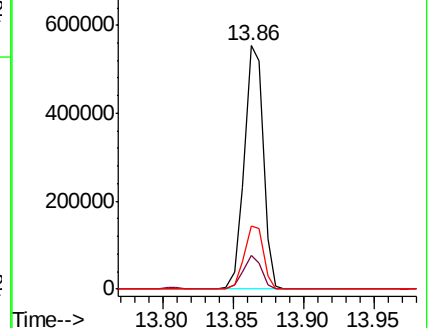
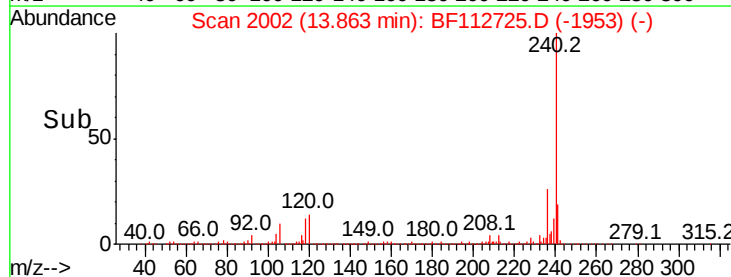
236 25.8 20.7 31.1

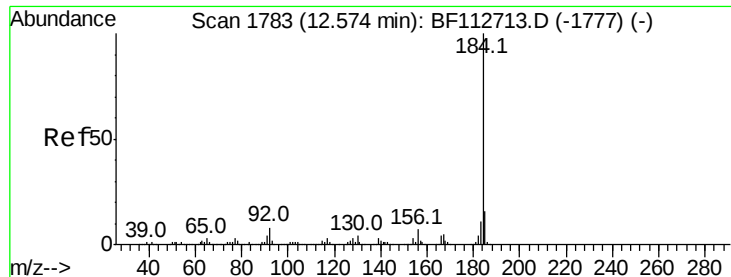


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.636 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.25 min

Lab File: BF112725.D

Acq: 27 Feb 2019 18:03

Instrument :

BNA_F

ClientSampleId :

SB-02-(2-5)

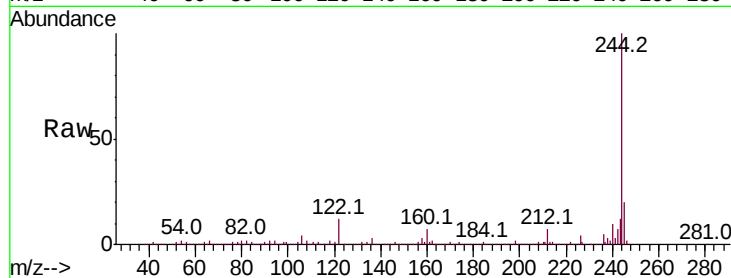
Tot Ion:184 Resp: 17150

Ion Ratio Lower Upper

184 100

185 18.1 12.6 18.8

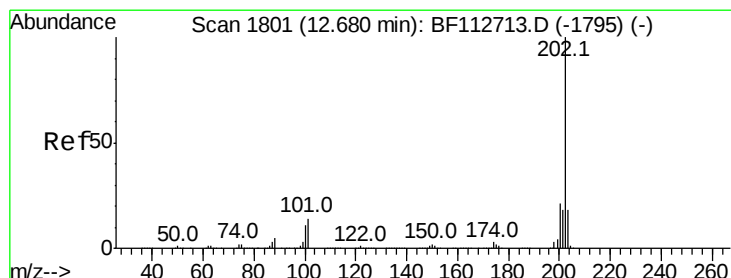
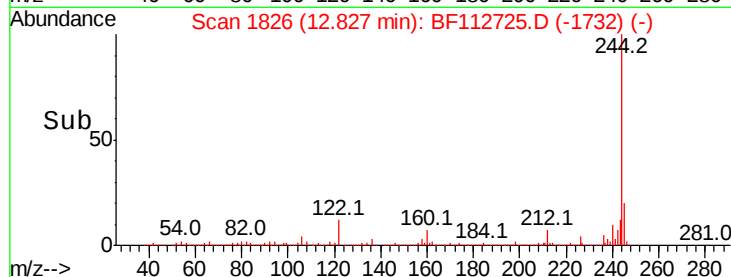
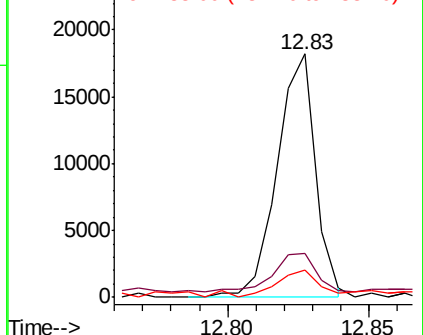
183 11.1 8.6 12.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 2.061 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.01 min

Lab File: BF112725.D

Acq: 27 Feb 2019 18:03

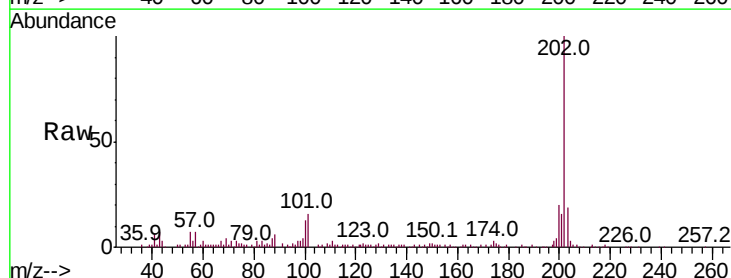
Tgt Ion:202 Resp: 90241

Ion Ratio Lower Upper

202 100

200 19.7 17.0 25.4

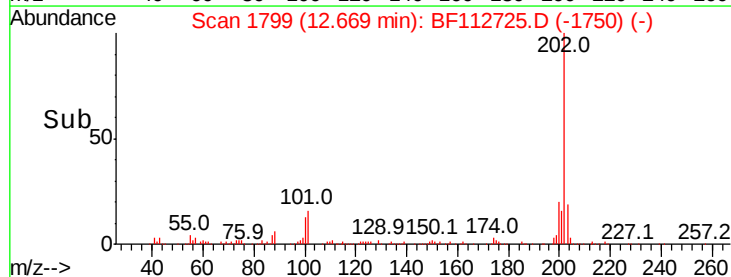
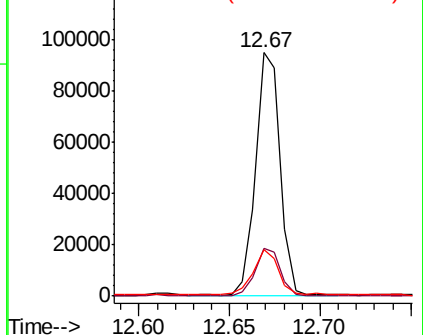
203 19.4 14.4 21.6

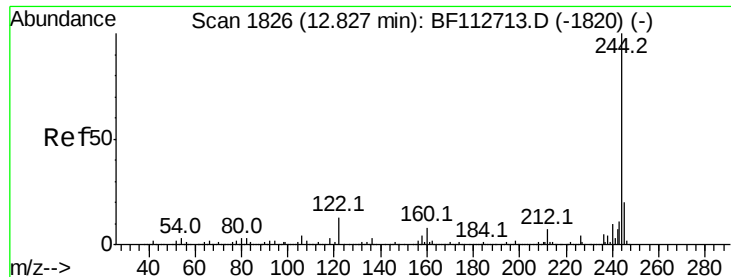


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 48.806 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF112725.D

Acq: 27 Feb 2019 18:03

Instrument :

BNA_F

ClientSampleId :

SB-02-(2-5)

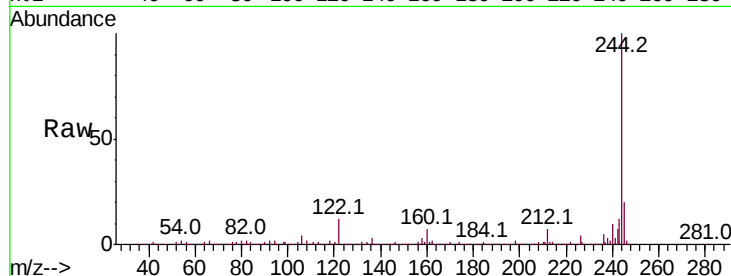
Tot Ion:244 Resp: 1307765

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

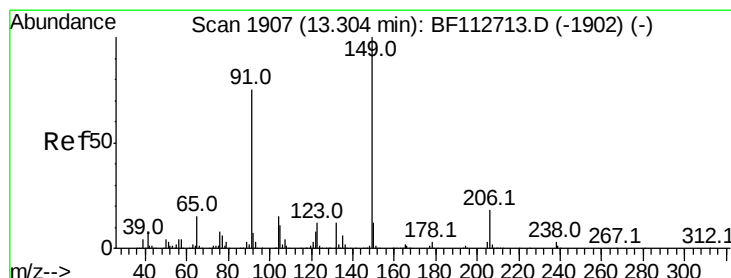
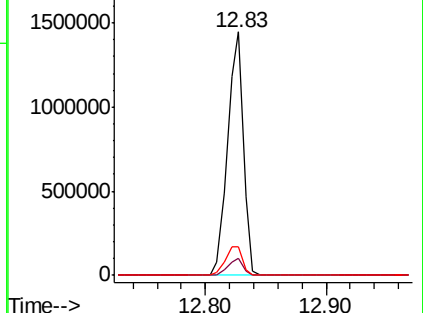
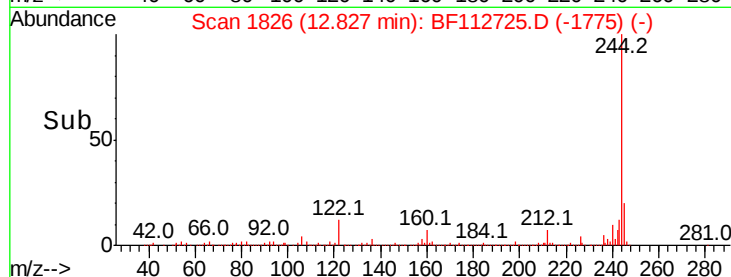
122 11.8 10.5 15.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 0.049 ng

RT: 13.30 min Scan# 1907

Delta R.T. 0.00 min

Lab File: BF112725.D

Acq: 27 Feb 2019 18:03

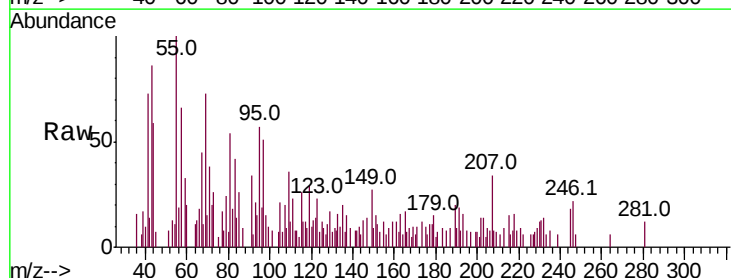
Tgt Ion:149 Resp: 945

Ion Ratio Lower Upper

149 100

91 123.3 59.9 89.9#

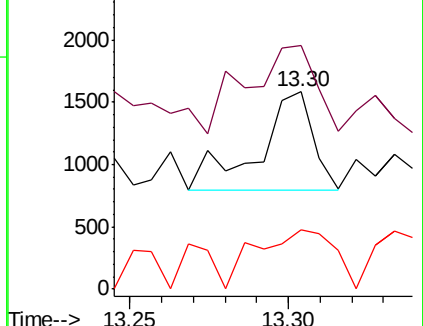
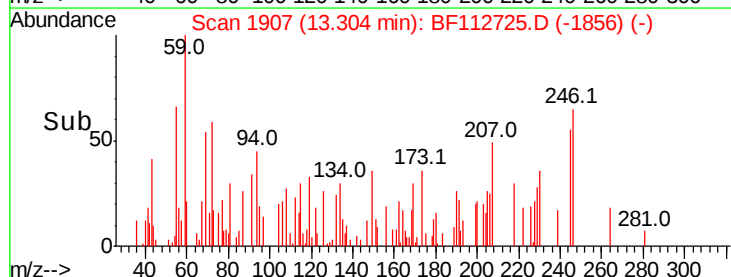
206 30.2 14.7 22.1#

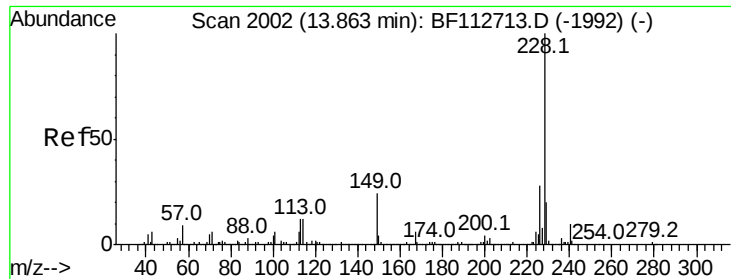


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 1.350 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF112725.D

Acq: 27 Feb 2019 18:03

Instrument :

BNA_F

ClientSampleId :

SB-02-(2-5)

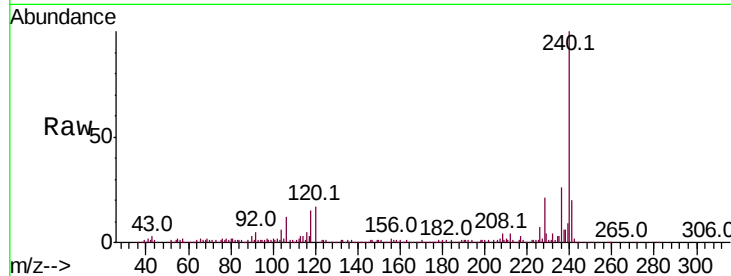
Tot Ion:228 Resp: 48617

Ion Ratio Lower Upper

228 100

226 32.2 22.2 33.4

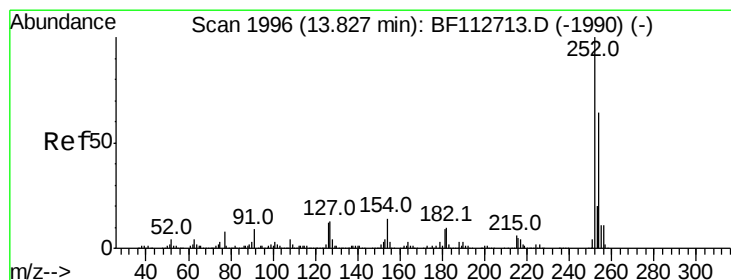
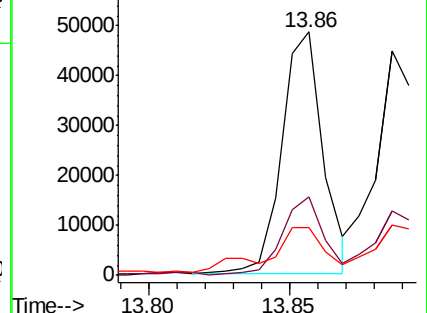
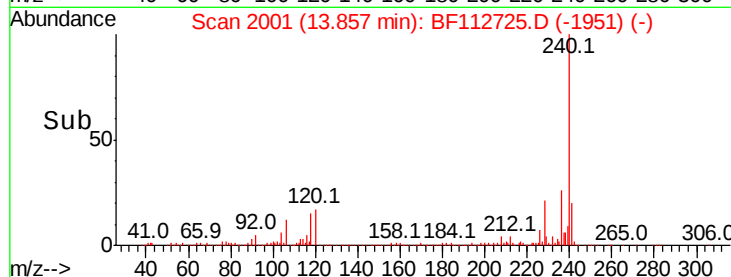
229 19.8 16.0 24.0



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: 0.019 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BF112725.D

Acq: 27 Feb 2019 18:03

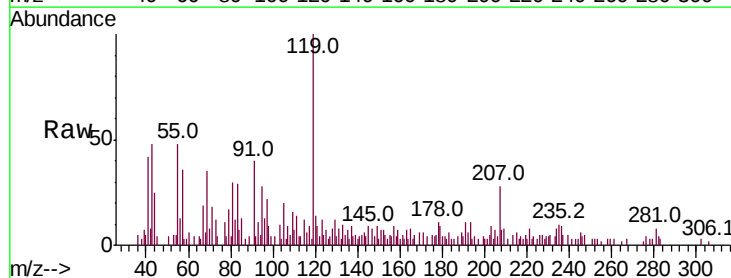
Tgt Ion:252 Resp: 259

Ion Ratio Lower Upper

252 100

254 0.0 51.1 76.7#

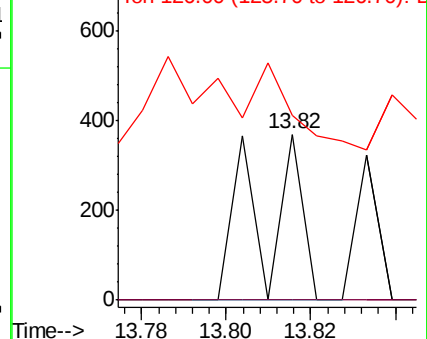
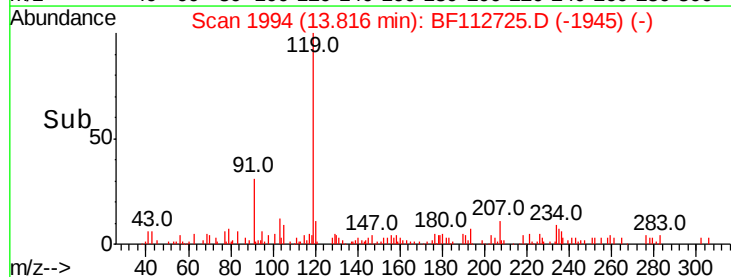
126 111.7 9.9 14.9#

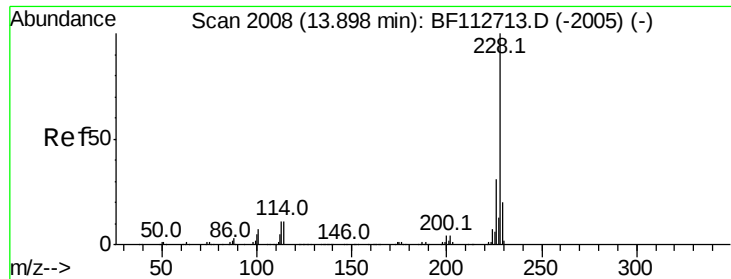


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

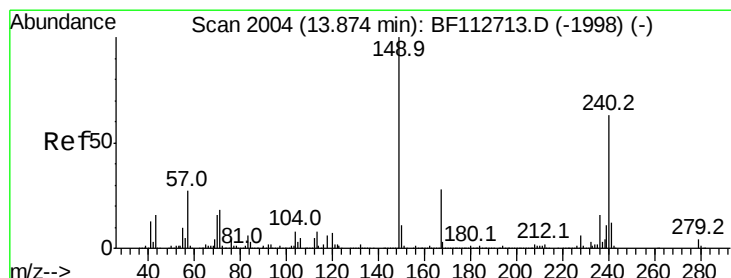
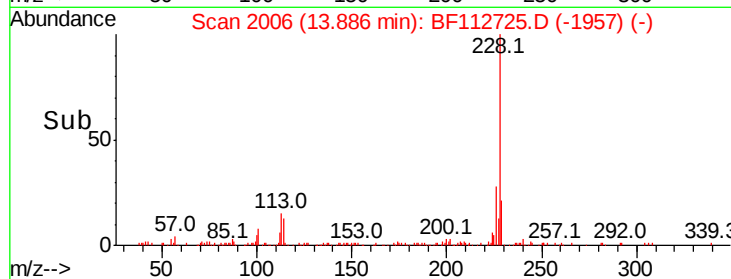
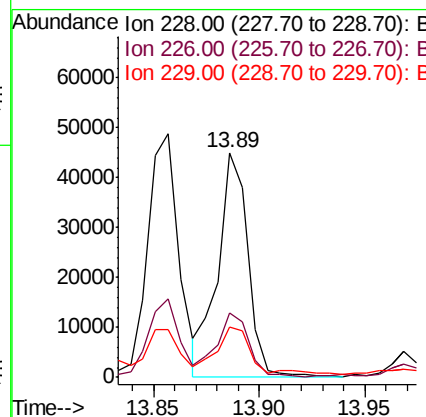
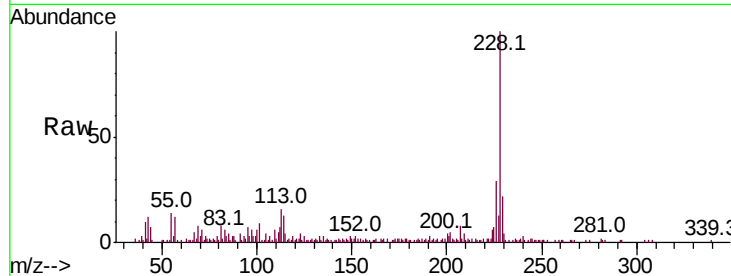




#83
 Chrysene
 Concen: 1.280 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF112725.D
 Acq: 27 Feb 2019 18:03

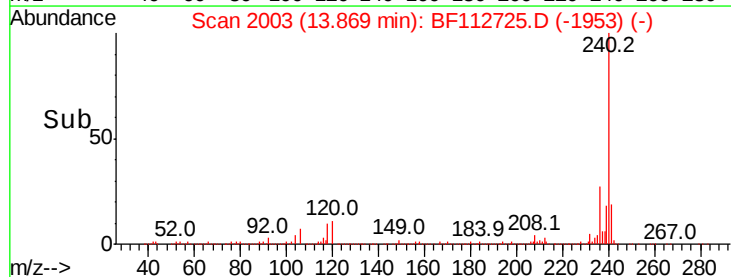
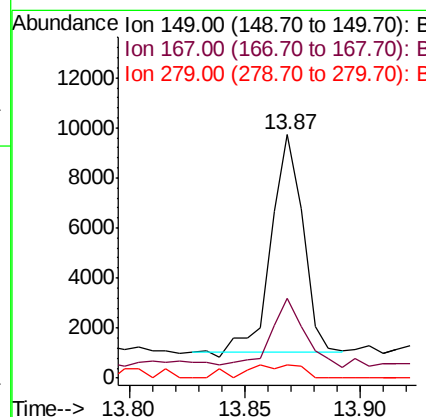
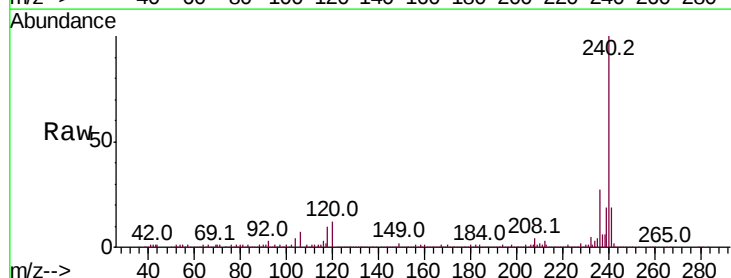
Instrument :
 BNA_F
 ClientSampleId :
 SB-02-(2-5)

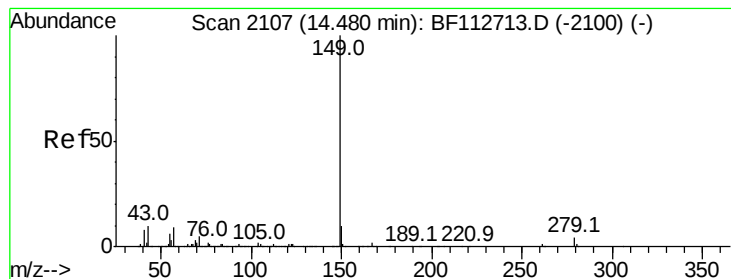
Tot Ion	Ratio	Lower	Upper
228	100		
226	28.6	24.9	37.3
229	22.3	16.3	24.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.361 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF112725.D
 Acq: 27 Feb 2019 18:03

Tgt Ion	Ratio	Lower	Upper
149	100		
167	32.9	22.4	33.6
279	5.3	3.3	4.9#





#85

Di-n-octyl phthalate

Concen: 0.050 ng

RT: 14.48 min Scan# 2107

Delta R.T. 0.00 min

Lab File: BF112725.D

Acq: 27 Feb 2019 18:03

Instrument :

BNA_F

ClientSampleId :

SB-02-(2-5)

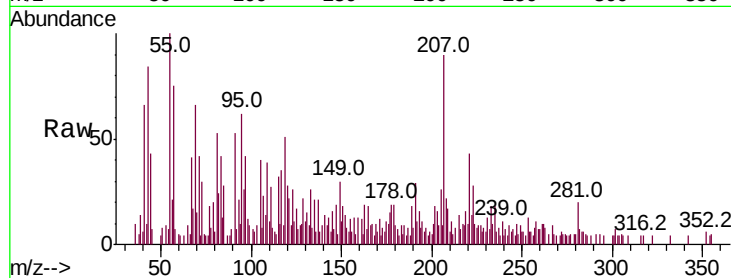
Tot Ion:149 Resp: 1950

Ion Ratio Lower Upper

149 100

167 23.7 1.2 1.8#

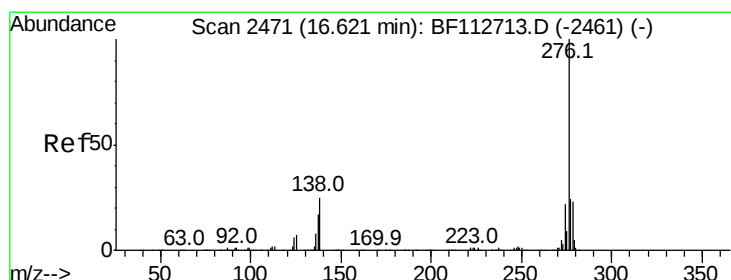
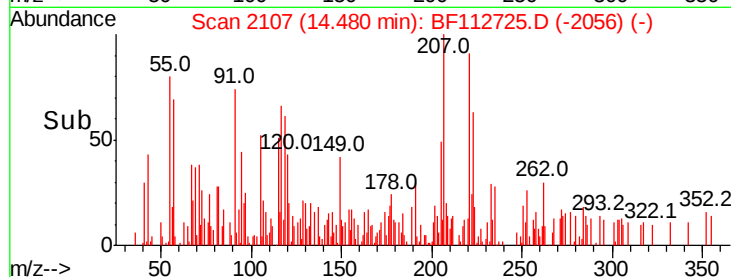
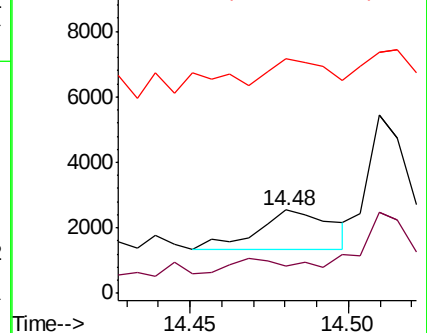
43 49.6 9.0 13.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 0.960 ng

RT: 16.61 min Scan# 2469

Delta R.T. -0.01 min

Lab File: BF112725.D

Acq: 27 Feb 2019 18:03

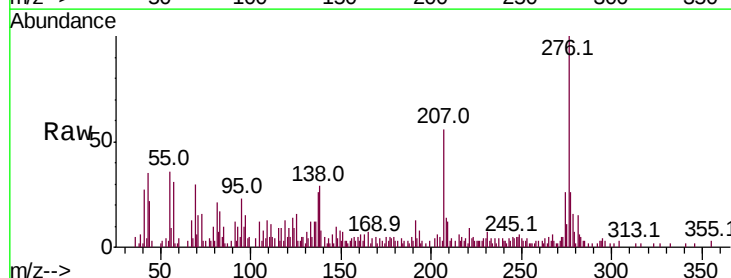
Tgt Ion:276 Resp: 28866

Ion Ratio Lower Upper

276 100

138 25.5 23.2 34.8

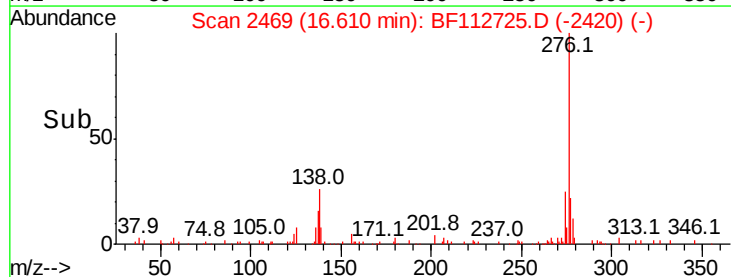
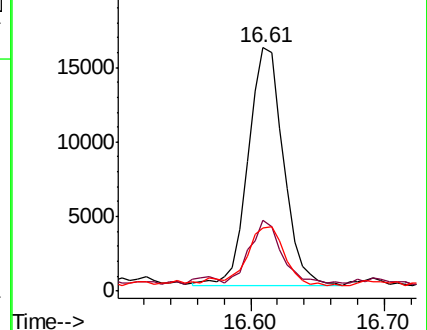
277 27.3 19.9 29.9

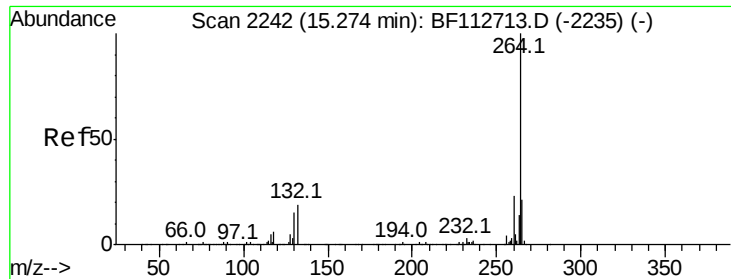


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.27 min Scan# 2242

Delta R.T. 0.00 min

Lab File: BF112725.D

Acq: 27 Feb 2019 18:03

Instrument :

BNA_F

ClientSampleId :

SB-02-(2-5)

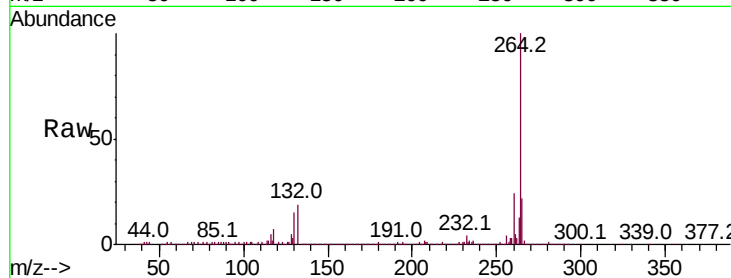
Tot Ion:264 Resp: 545242

Ion Ratio Lower Upper

264 100

260 24.2 18.7 28.1

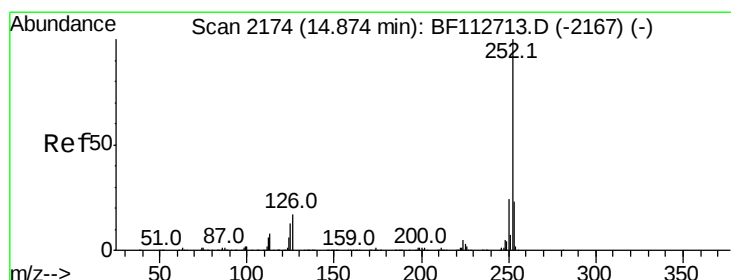
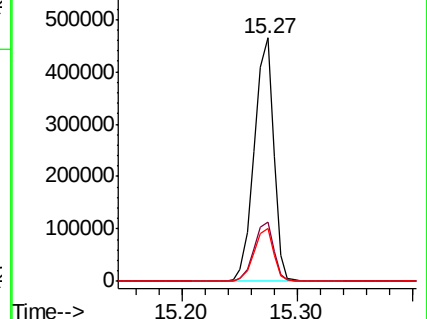
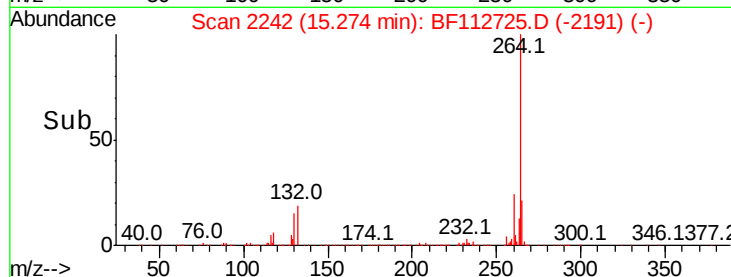
265 21.6 17.2 25.8



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: 2.285 ng

RT: 14.87 min Scan# 2173

Delta R.T. -0.01 min

Lab File: BF112725.D

Acq: 27 Feb 2019 18:03

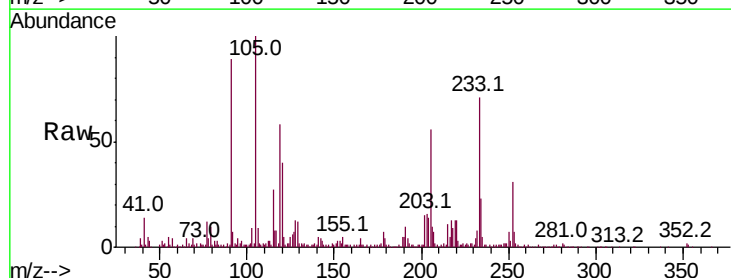
Tgt Ion:252 Resp: 80601

Ion Ratio Lower Upper

252 100

253 24.5 18.0 27.0

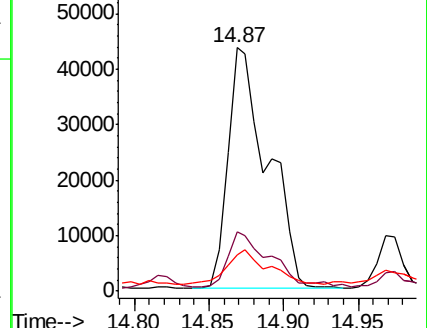
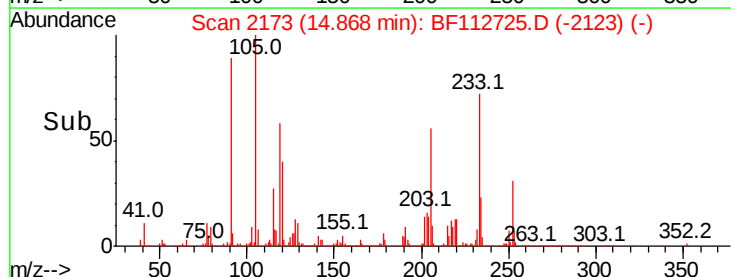
125 14.9 10.2 15.2

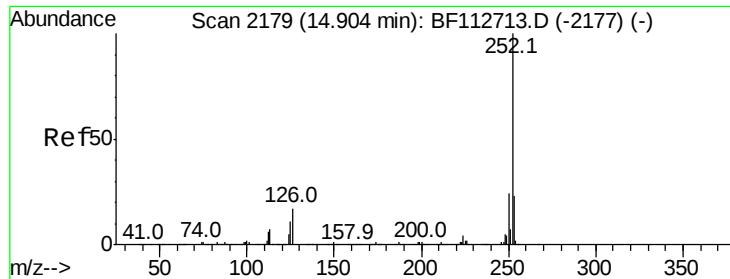


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 2.523 ng

RT: 14.87 min Scan# 2173

Delta R.T. -0.04 min

Lab File: BF112725.D

Acq: 27 Feb 2019 18:03

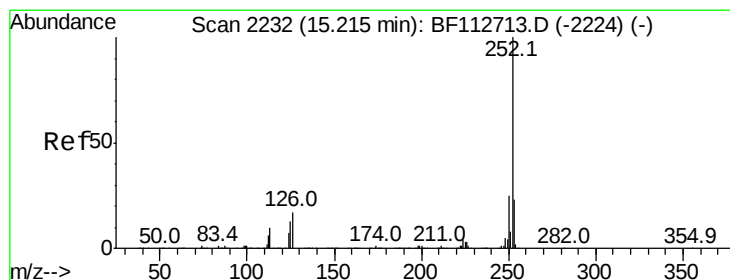
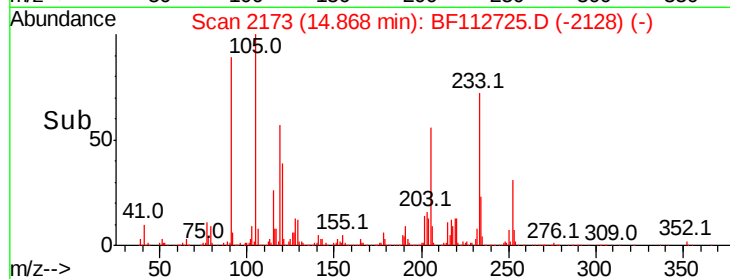
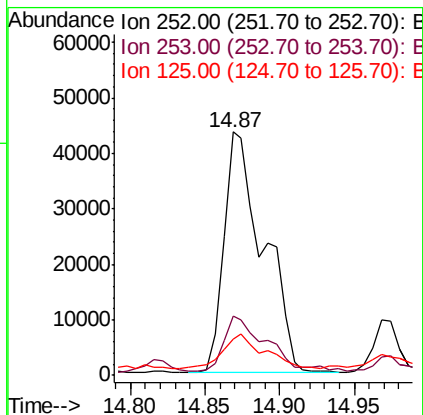
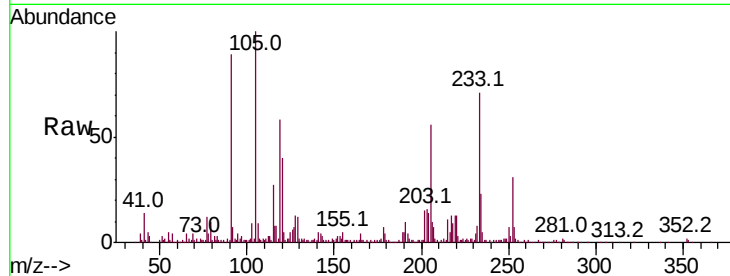
Instrument :

BNA_F

ClientSampleId :

SB-02-(2-5)

Tot Ion:252	Resp:	80601
Ion Ratio	Lower	Upper
252	100	
253	24.5	18.2 27.2
125	14.9	9.8 14.6#



#90

Benzo(a)pyrene

Concen: 1.549 ng

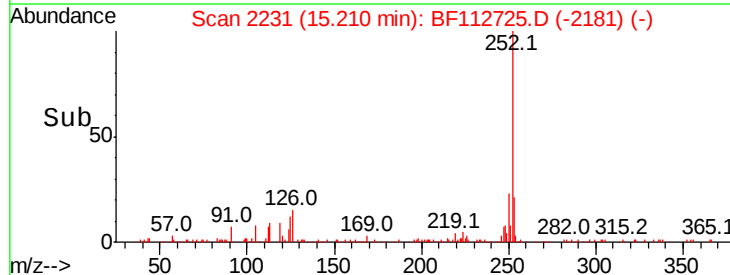
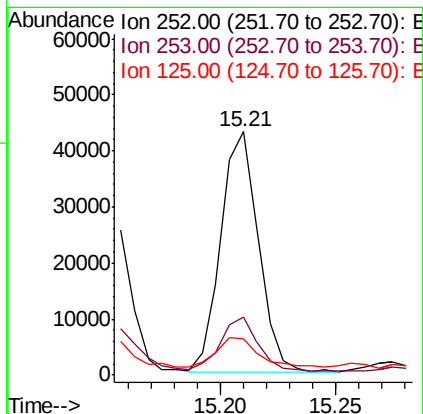
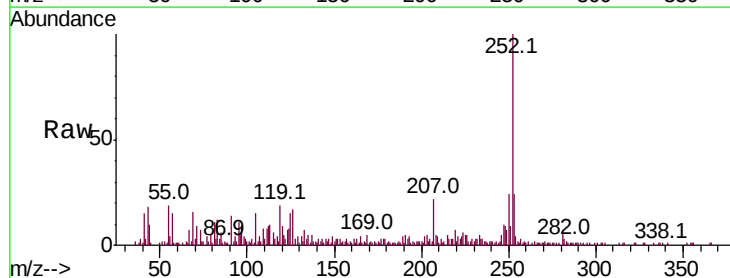
RT: 15.21 min Scan# 2231

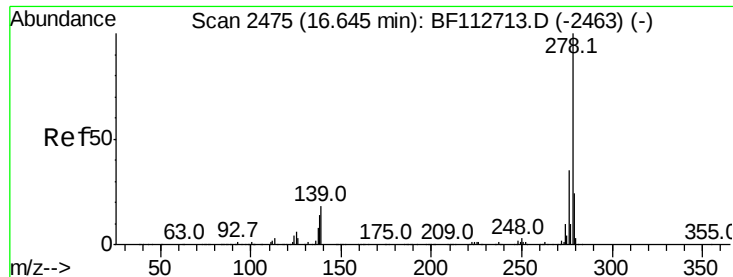
Delta R.T. -0.01 min

Lab File: BF112725.D

Acq: 27 Feb 2019 18:03

Tgt Ion:252	Resp:	48332
Ion Ratio	Lower	Upper
252	100	
253	23.8	18.0 27.0
125	14.7	10.7 16.1





#91

Dibenzo(a,h)anthracene

Concen: 0.283 ng

RT: 16.62 min Scan# 2471

Delta R.T. -0.02 min

Lab File: BF112725.D

Acq: 27 Feb 2019 18:03

Instrument :

BNA_F

ClientSampleId :

SB-02-(2-5)

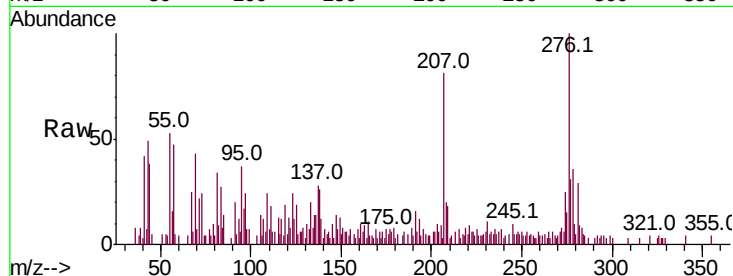
Tot Ion:278 Resp: 7534

Ion Ratio Lower Upper

278 100

139 34.1 14.3 21.5#

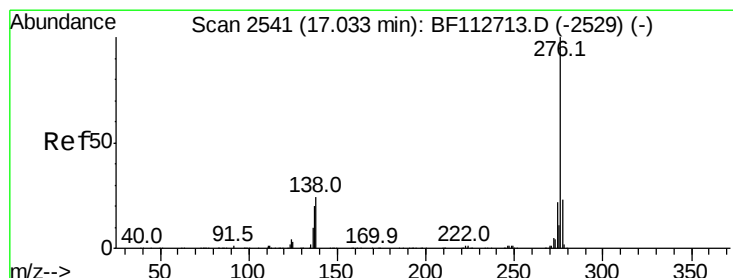
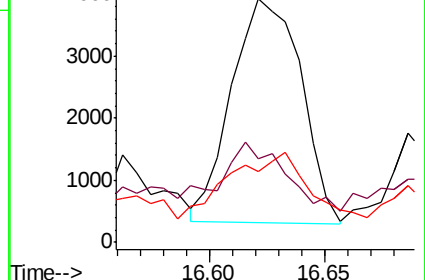
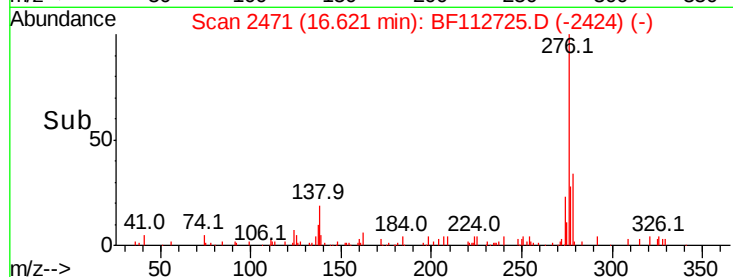
279 29.1 19.4 29.0#



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: 1.139 ng

RT: 17.02 min Scan# 2538

Delta R.T. -0.02 min

Lab File: BF112725.D

Acq: 27 Feb 2019 18:03

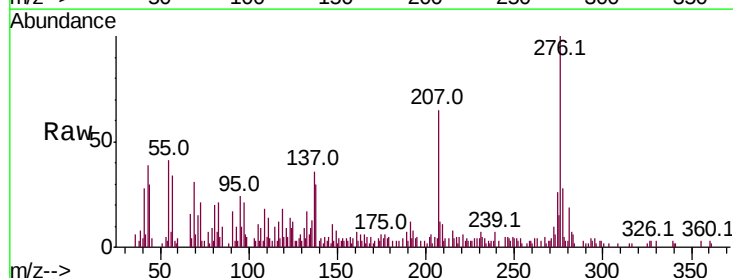
Tgt Ion:276 Resp: 30445

Ion Ratio Lower Upper

276 100

277 28.0 18.6 27.8#

138 29.6 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

