

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
 Data File : BF112729.D
 Acq On : 27 Feb 2019 19:56
 Operator : JU/SJ
 Sample : K1627-07 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-(0-2)

Quant Time: Feb 28 02:02:35 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	189750	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	664975	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	269416	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	517754	20.00	ng	0.00
76) Chrysene-d12	13.87	240	503195	20.00	ng	0.00
87) Perylene-d12	15.27	264	397020	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	559111	45.84	ng	0.00
7) Phenol-d6	6.36	99	684351	44.66	ng	0.00
23) Nitrobenzene-d5	7.29	82	385950	34.73	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	138406	48.39	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	591549	28.99	ng	0.00
79) Terphenyl-d14	12.83	244	610856	23.53	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.14	88	137	0.022	ng	# 19
3) Pyridine	3.15	79	110	0.007	ng	# 20
4) n-Nitrosodimethylamine	3.07	42	148	0.021	ng	# 1
6) Aniline	6.40	93	1457	0.069	ng	# 81
9) Benzaldehyde	6.28	77	2165	0.196	ng	# 92
10) Phenol	6.37	94	14902	0.833	ng	# 98
11) bis(2-Chloroethyl)ether	6.45	93	400	0.029	ng	# 19
15) Benzyl Alcohol	6.89	79	7978	0.683	ng	# 45
16) 2,2'-oxybis(1-Chloropropan	7.01	45	401	0.018	ng	# 71
17) 2-Methylphenol	6.87	107	288	0.026	ng	# 1
19) n-Nitroso-di-n-propylamine	7.29	70	51303	5.286	ng	# 77
20) 3+4-Methylphenols	7.14	107	289	0.023	ng	# 1
22) Acetophenone	7.14	105	4069	0.262	ng	# 86
24) Nitrobenzene	7.29	77	1404	0.114	ng	# 35
25) Isophorone	7.29	82	385242	16.091	ng	# 66
27) 2,4-Dimethylphenol	7.70	122	1767	0.184	ng	# 4
28) bis(2-Chloroethoxy)methane	7.93	93	263	0.018	ng	# 1
31) Naphthalene	8.04	128	5568	0.169	ng	# 90
32) Benzoic acid	7.70	122	1767	0.263	ng	# 94
33) 4-Chloroaniline	8.04	127	912	0.065	ng	# 42
35) Caprolactam	8.40	113	701	0.214	ng	# 16
37) 2-Methylnaphthalene	8.83	142	1309	0.061	ng	# 97
38) 1-Methylnaphthalene	8.83	142	1309	0.063	ng	# 95
46) 1,1'-Biphenyl	9.19	154	1640	0.075	ng	# 96
47) 2-Chloronaphthalene	9.29	162	177	0.010	ng	# 37
48) 2-Nitroaniline	9.30	65	112	0.021	ng	# 4
49) Acenaphthylene	9.63	152	11199	0.384	ng	# 96
50) Dimethylphthalate	9.49	163	44877	2.259	ng	# 99
51) 2,6-Dinitrotoluene	9.77	165	33202	8.026	ng	# 19
52) Acenaphthene	9.80	154	8189	0.481	ng	# 92
53) 3-Nitroaniline	9.45	138	410	0.081	ng	# 3
55) Dibenzofuran	9.97	168	5097	0.206	ng	# 96
56) 4-Nitrophenol	9.97	139	1888	0.461	ng	# 14
57) 2,4-Dinitrotoluene	9.77	165	33202	6.457	ng	# 18

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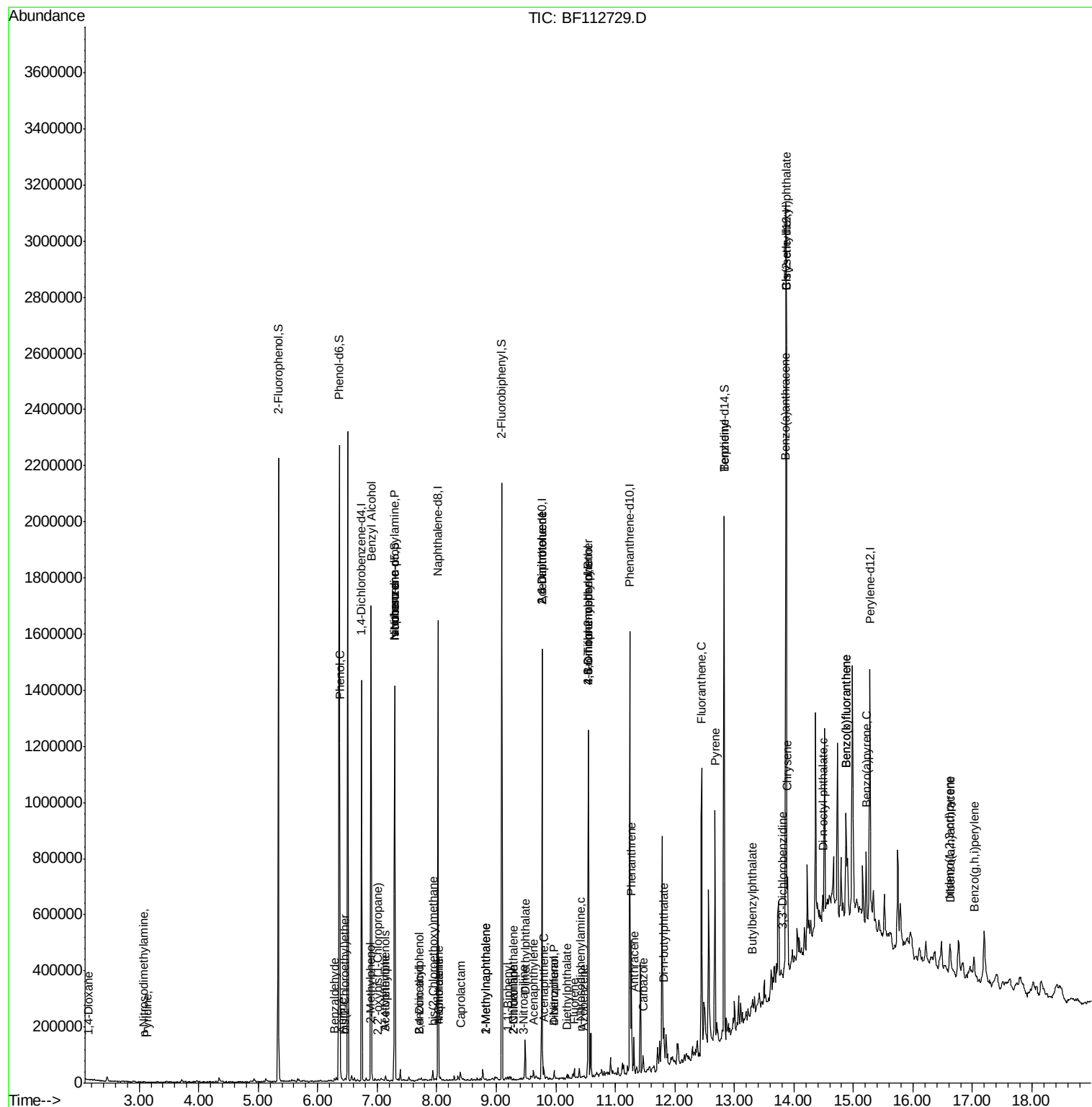
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
58) Fluorene	10.31	166	8606	0.490	ng	99
60) Diethylphthalate	10.19	149	1282	0.061	ng	# 60
63) Azobenzene	10.47	77	1154	0.054	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.55	198	264	4.725	ng	# 1
66) n-Nitrosodiphenylamine	10.42	169	279	0.017	ng	# 11
67) 4-Bromophenyl-phenylether	10.55	248	8562	1.570	ng	# 1
71) Phenanthrene	11.27	178	169805	6.592	ng	99
72) Anthracene	11.32	178	36762	1.363	ng	98
73) Carbazole	11.47	167	21432	0.815	ng	98
74) Di-n-butylphthalate	11.82	149	32256	1.023	ng	99
75) Fluoranthene	12.45	202	383962	13.912	ng	97
77) Benzidine	12.83	184	8073	0.309	ng	97
78) Pyrene	12.67	202	312062	7.356	ng	98
80) Butylbenzylphthalate	13.30	149	7910	0.422	ng	87
81) Benzo(a)anthracene	13.86	228	171853	4.928	ng	98
82) 3,3'-Dichlorobenzidine	13.82	252	249	0.019	ng	# 42
83) Chrysene	13.89	228	176291	5.161	ng	97
84) Bis(2-ethylhexyl)phthalate	13.87	149	358234	16.311	ng	99
85) Di-n-octyl phthalate	14.48	149	32368	0.858	ng	# 67
86) Indeno(1,2,3-cd)pyrene	16.62	276	60130	2.065	ng	98
88) Benzo(b)fluoranthene	14.87	252	252761	9.843	ng	98
89) Benzo(k)fluoranthene	14.87	252	252761	10.866	ng	98
90) Benzo(a)pyrene	15.22	252	108759	4.788	ng	96
91) Dibenzo(a,h)anthracene	16.63	278	17420	0.899	ng	# 74
92) Benzo(g,h,i)perylene	17.03	276	56353	2.895	ng	94

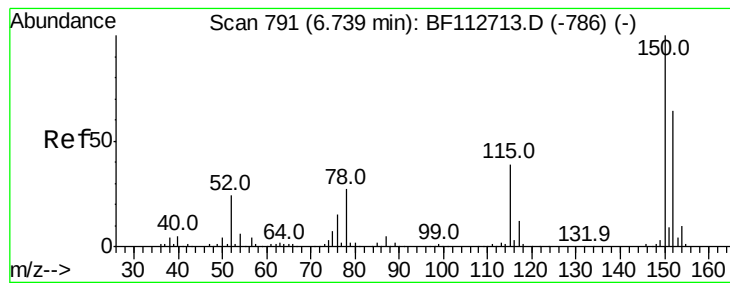
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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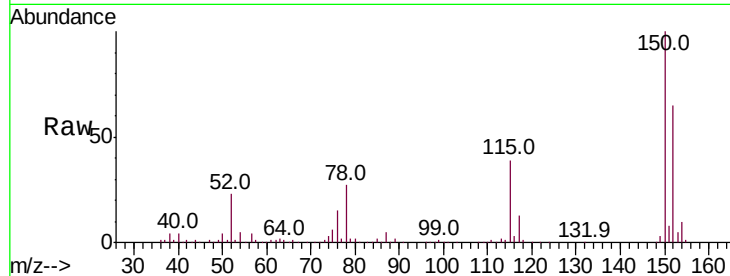


#1

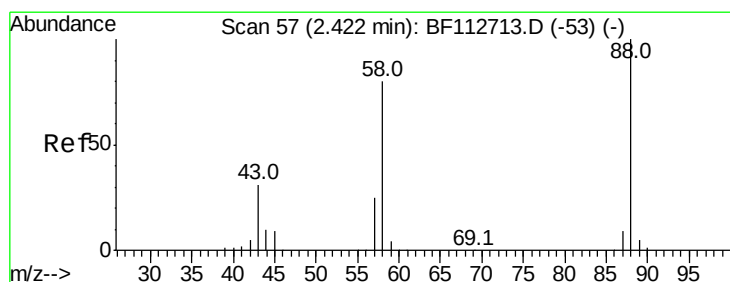
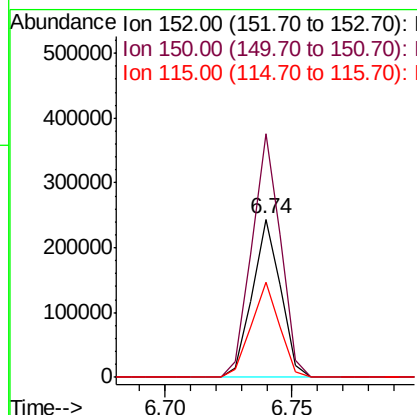
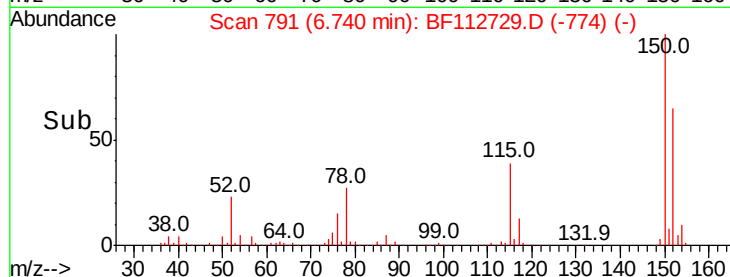
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF112729.D
Acq: 27 Feb 2019 19:56

Instrument :
BNA_F
ClientSampleId :
SB-04-(0-2)

Tot Ion:152 Resp: 189750
Ion Ratio Lower Upper
152 100
150 154.0 124.2 186.2
115 59.8 48.2 72.4



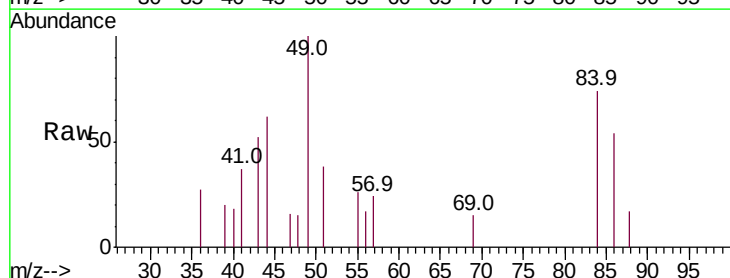
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



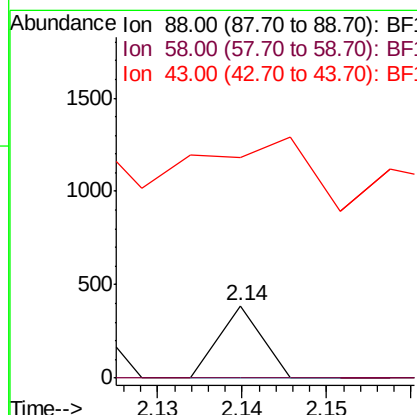
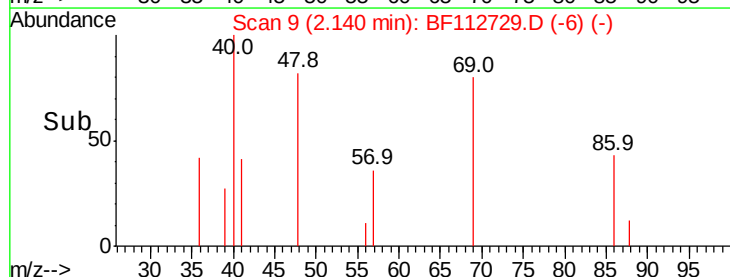
#2

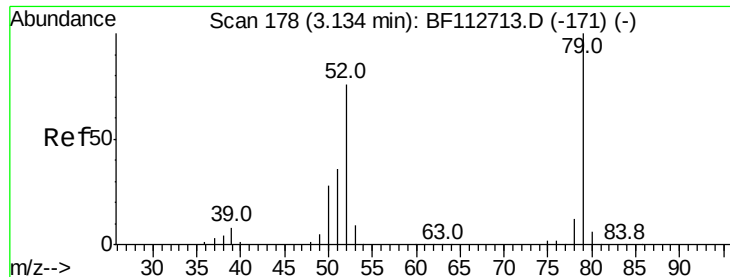
1,4-Dioxane
Concen: 0.022 ng
RT: 2.14 min Scan# 9
Delta R.T. -0.28 min
Lab File: BF112729.D
Acq: 27 Feb 2019 19:56

Tgt Ion: 88 Resp: 137
Ion Ratio Lower Upper
88 100
58 0.0 63.1 94.7#
43 0.0 24.3 36.5#



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





#3

Pvridine

Concen: 0.007 ng

RT: 3.15 min Scan# 180

Delta R.T. 0.01 min

Lab File: BF112729.D

Acq: 27 Feb 2019 19:56

Instrument :

BNA_F

ClientSampleId :

SB-04-(0-2)

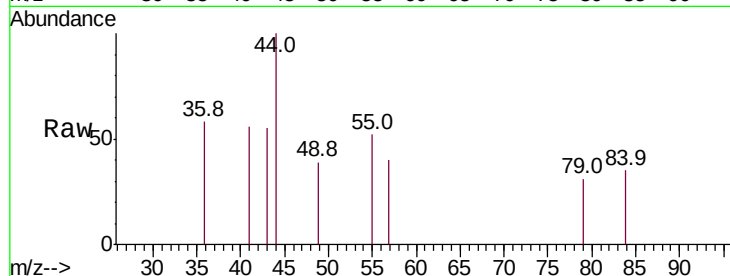
Tot Ion: 79 Resp: 110

Ion Ratio Lower Upper

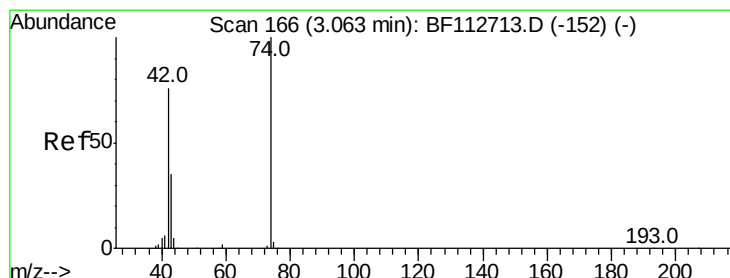
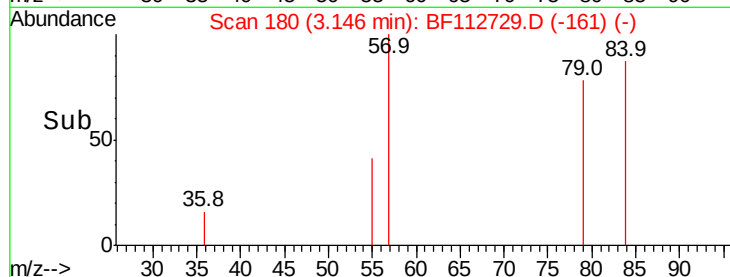
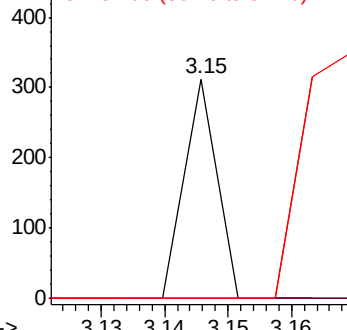
79 100

52 0.0 60.5 90.7#

51 0.0 28.8 43.2#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 0.021 ng

RT: 3.07 min Scan# 167

Delta R.T. 0.01 min

Lab File: BF112729.D

Acq: 27 Feb 2019 19:56

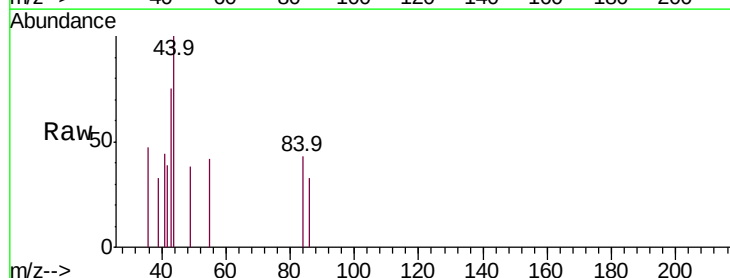
Tgt Ion: 42 Resp: 148

Ion Ratio Lower Upper

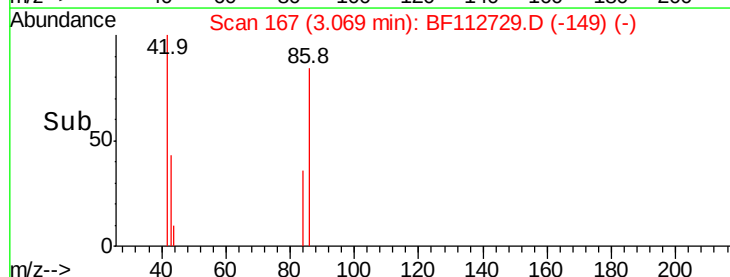
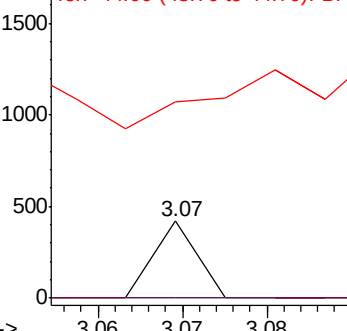
42 100

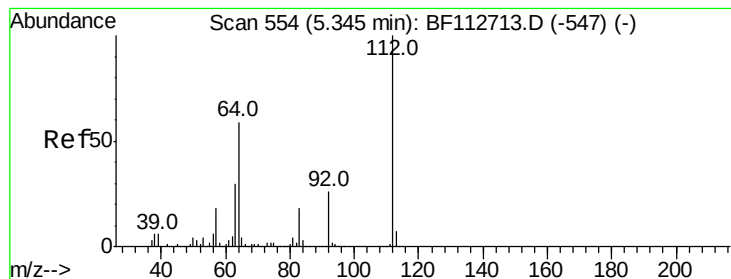
74 0.0 105.8 158.8#

44 255.4 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: 45.835 ng

RT: 5.34 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF112729.D

Acq: 27 Feb 2019 19:56

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SB-04-(0-2)

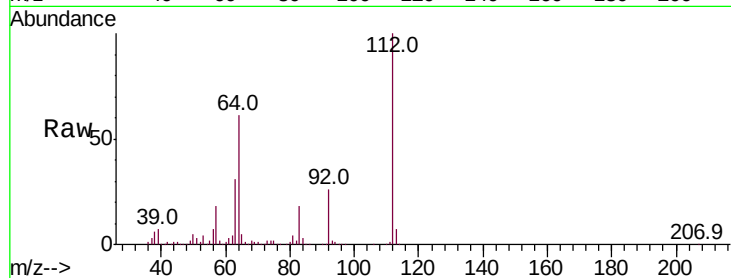
Tot Ion:112 Resp: 559111

Ion Ratio Lower Upper

112 100

64 60.8 47.6 71.4

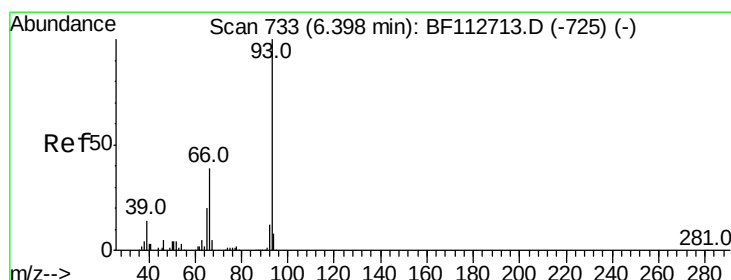
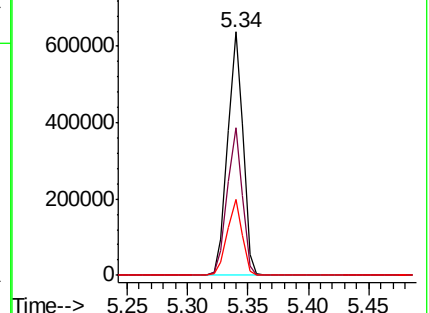
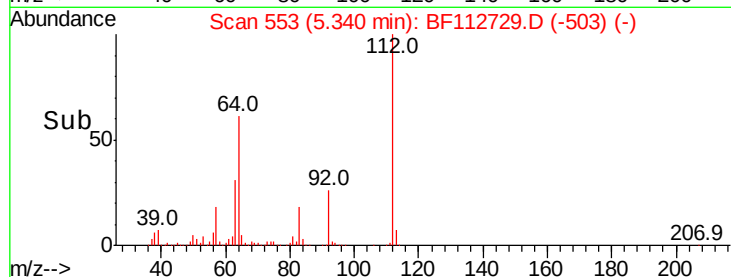
63 31.1 24.4 36.6



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: 0.069 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF112729.D

Acq: 27 Feb 2019 19:56

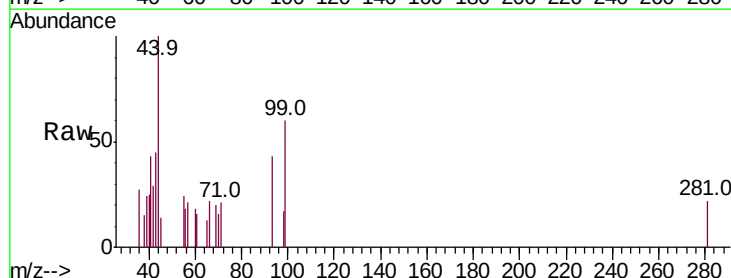
Tgt Ion: 93 Resp: 1457

Ion Ratio Lower Upper

93 100

66 51.5 32.2 48.2#

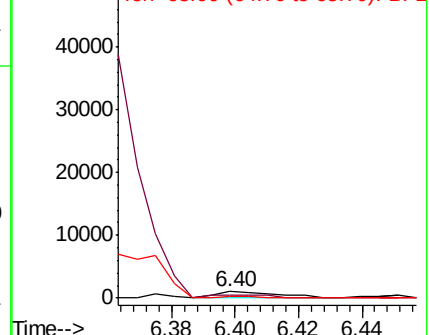
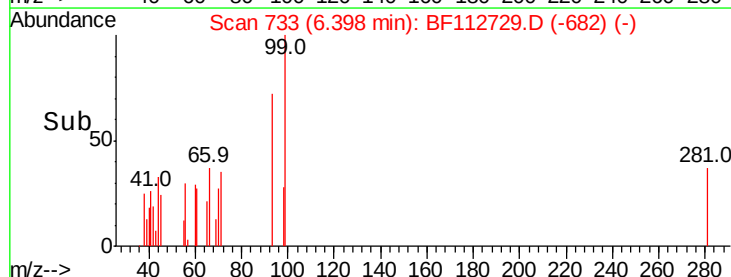
65 29.3 16.2 24.4#

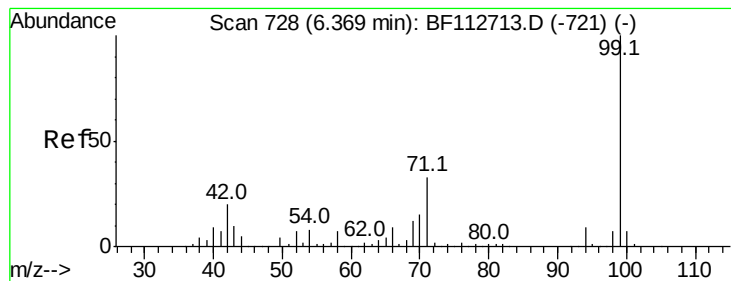


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 44.661 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

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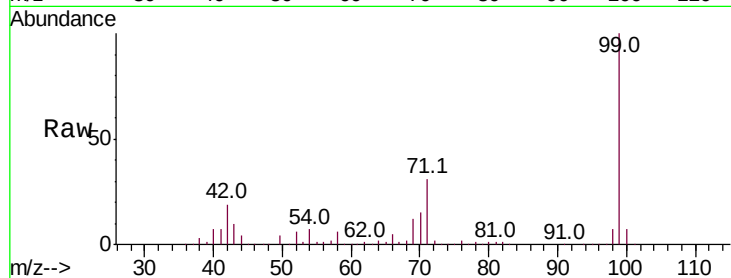
Tot Ion: 99 Resp: 684351

Ion Ratio Lower Upper

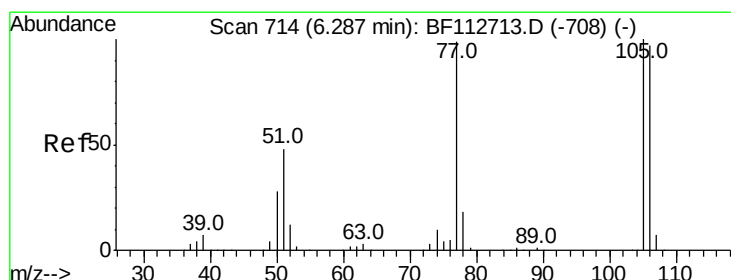
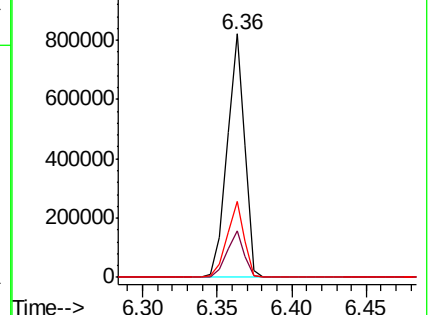
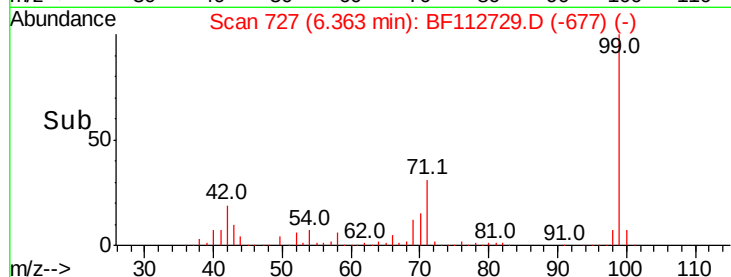
99 100

42 19.1 16.3 24.5

71 31.2 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



#9

Benzaldehyde

Concen: 0.196 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF112729.D

Acq: 27 Feb 2019 19:56

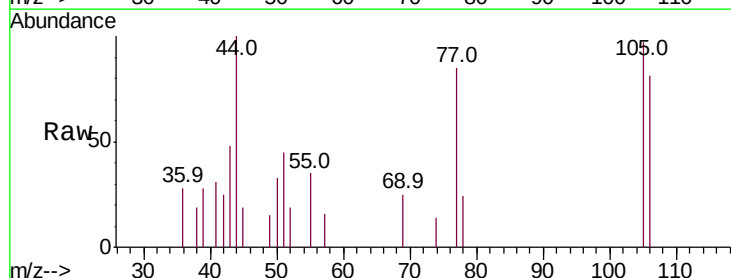
Tgt Ion: 77 Resp: 2165

Ion Ratio Lower Upper

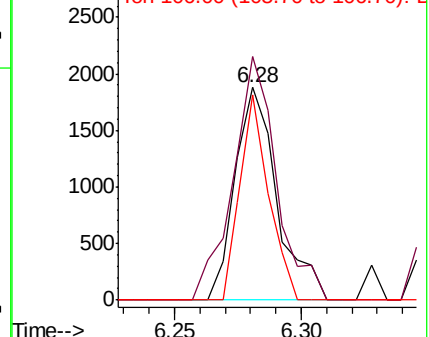
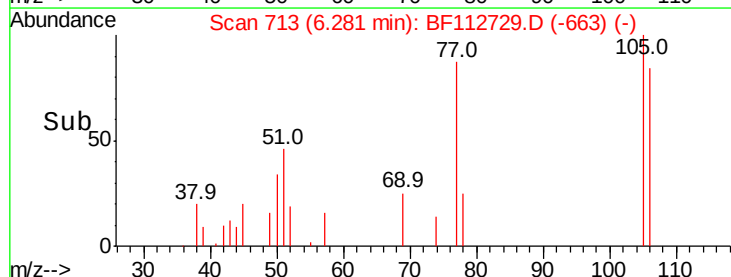
77 100

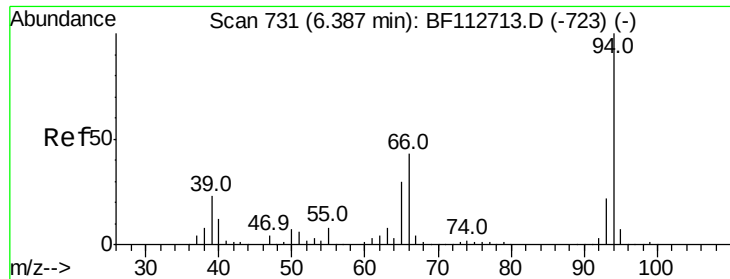
105 114.5 81.4 121.4

106 96.4 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: 0.833 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

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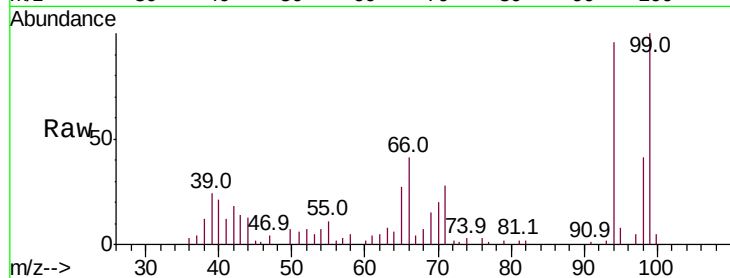
Tot Ion: 94 Resp: 14902

Ion Ratio Lower Upper

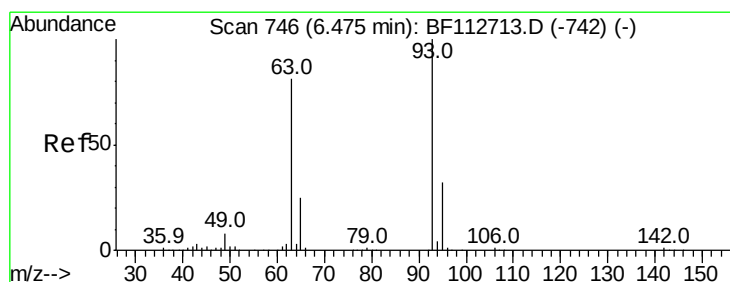
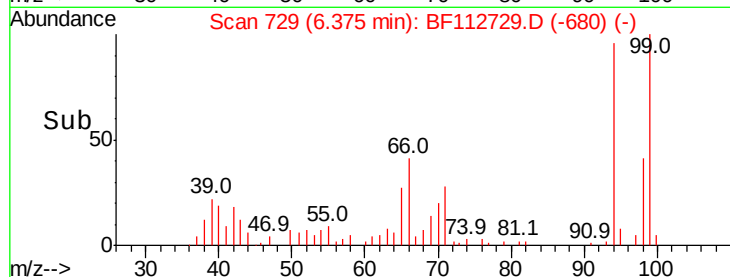
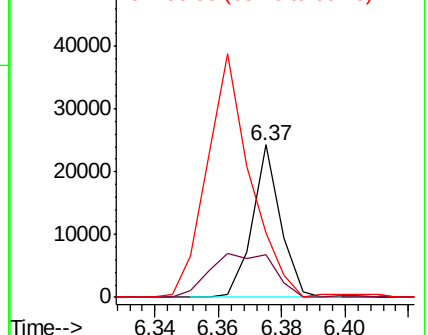
94 100

65 28.2 10.5 50.5

66 42.7 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: 0.029 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.02 min

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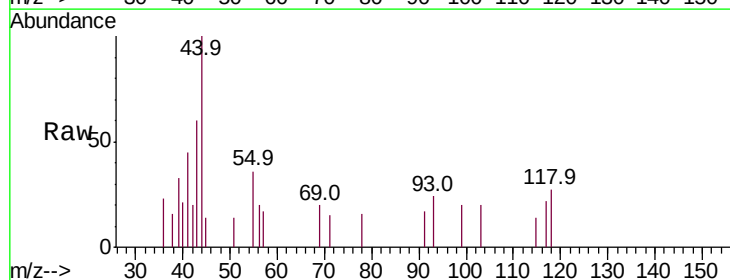
Tgt Ion: 93 Resp: 400

Ion Ratio Lower Upper

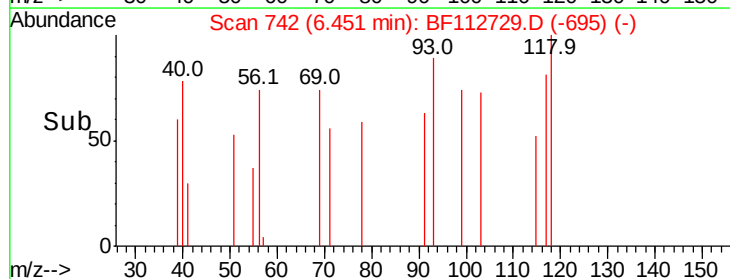
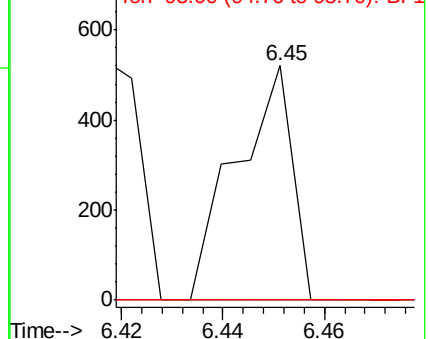
93 100

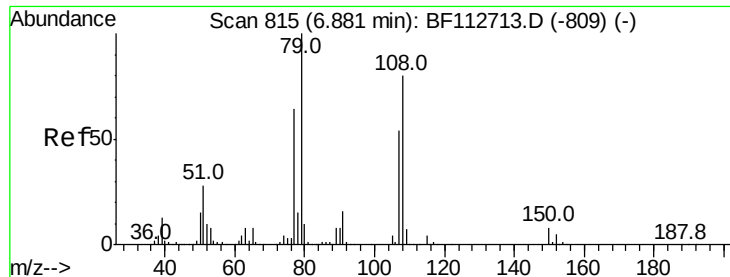
63 0.0 60.5 100.5#

95 0.0 12.1 52.1#



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





#15

Benzyl Alcohol

Concen: 0.683 ng

RT: 6.89 min Scan# 817

Delta R.T. 0.01 min

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SB-04-(0-2)

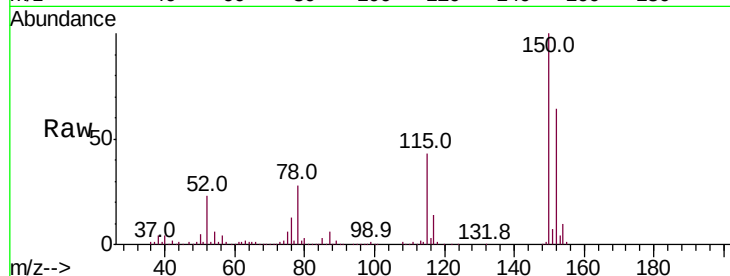
Tot Ion: 79 Resp: 7978

Ion Ratio Lower Upper

79 100

108 26.6 64.2 96.4#

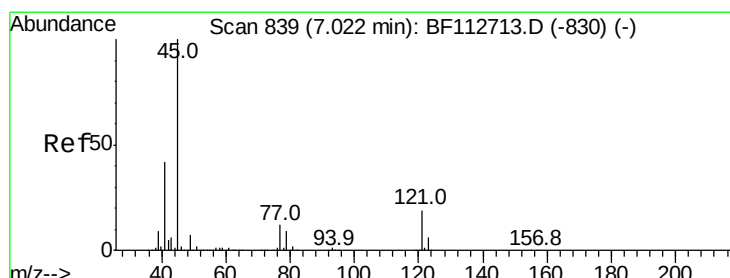
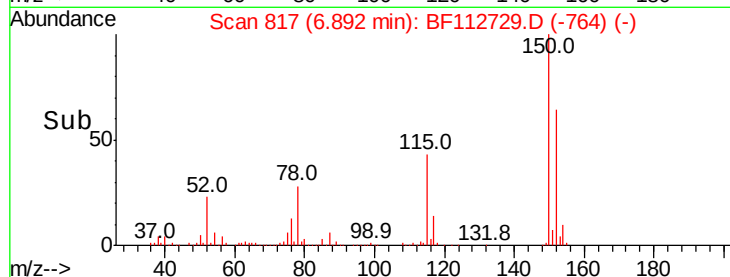
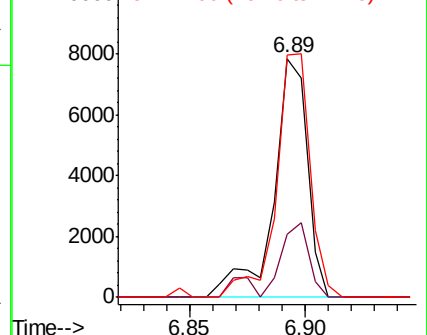
77 101.7 51.1 76.7#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 0.018 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF112729.D

Acq: 27 Feb 2019 19:56

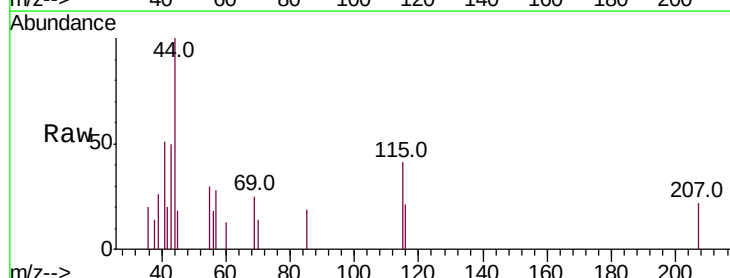
Tgt Ion: 45 Resp: 401

Ion Ratio Lower Upper

45 100

77 0.0 0.0 32.1

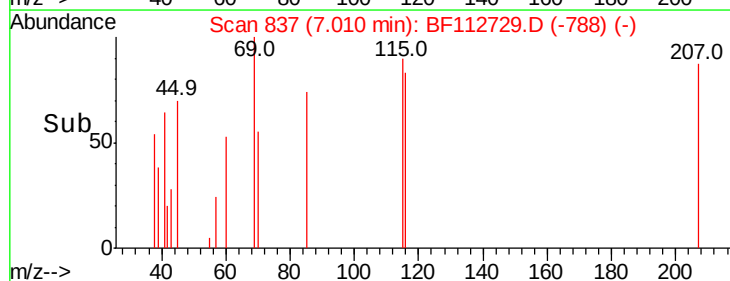
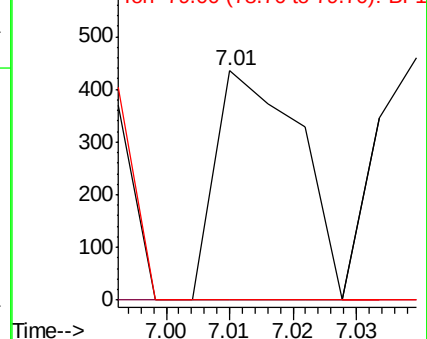
79 0.0 0.0 29.4

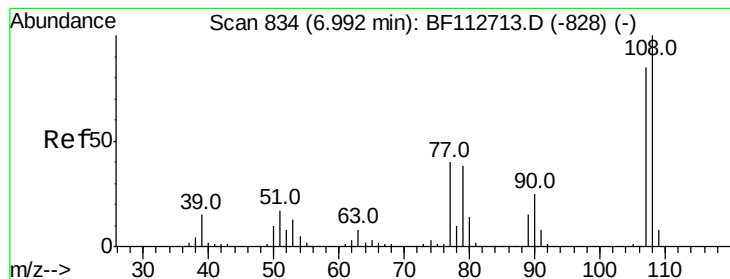


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 0.026 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.12 min

Lab File: BF112729.D

Acq: 27 Feb 2019 19:56

Instrument :

BNA_F

ClientSampleId :

SB-04-(0-2)

Tot Ion:107 Resp: 288

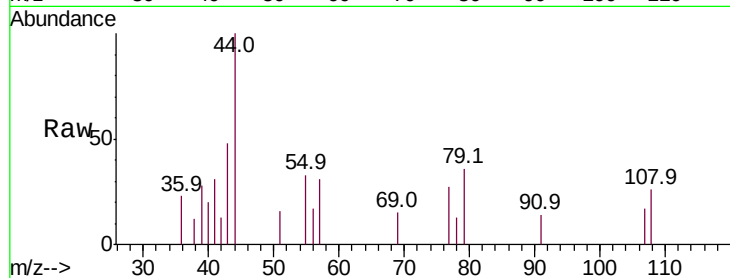
Ion Ratio Lower Upper

107 100

108 156.0 94.6 142.0#

77 161.2 37.8 56.8#

79 213.6 36.2 54.2#



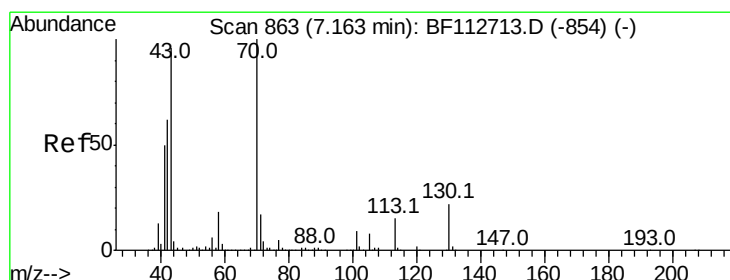
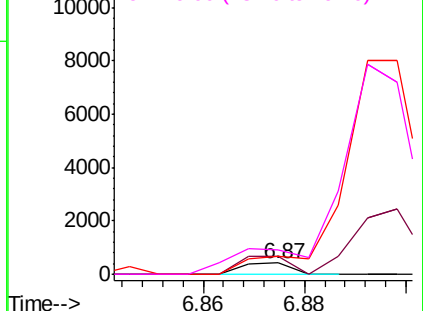
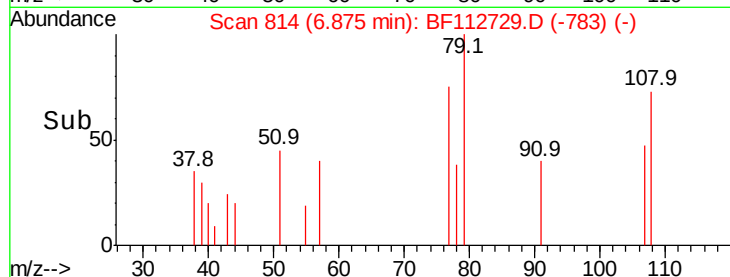
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 5.286 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.13 min

Lab File: BF112729.D

Acq: 27 Feb 2019 19:56

Tgt Ion: 70 Resp: 51303

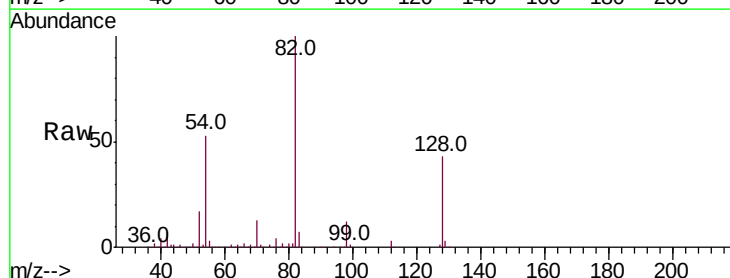
Ion Ratio Lower Upper

70 100

42 49.5 49.9 74.9#

101 0.0 7.4 11.2#

130 2.6 17.4 26.2#



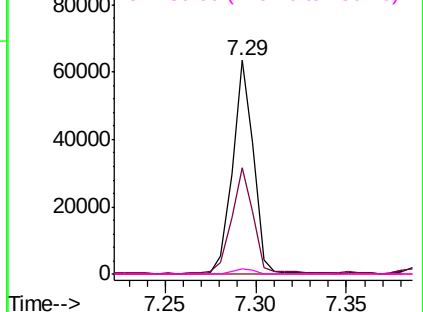
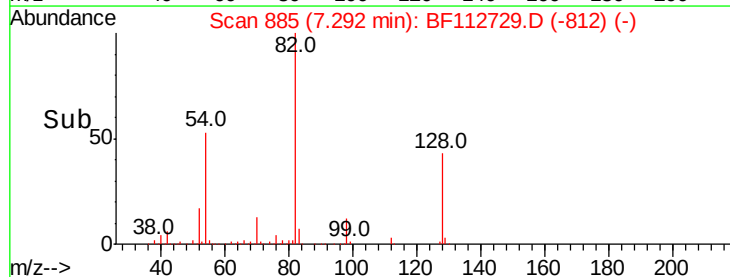
Abundance

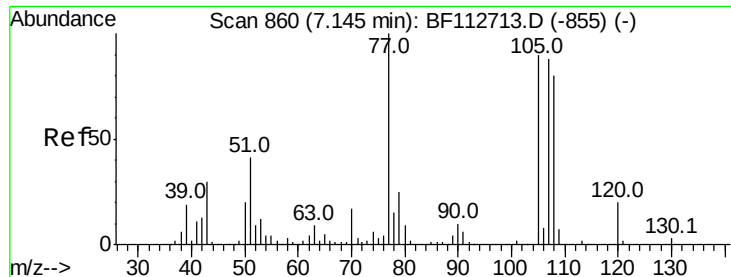
Ion 70.00 (69.70 to 70.70): BF1

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: 0.023 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF112729.D

Acq: 27 Feb 2019 19:56

Instrument :

BNA_F

ClientSampleId :

SB-04-(0-2)

Tot Ion:107 Resp: 289

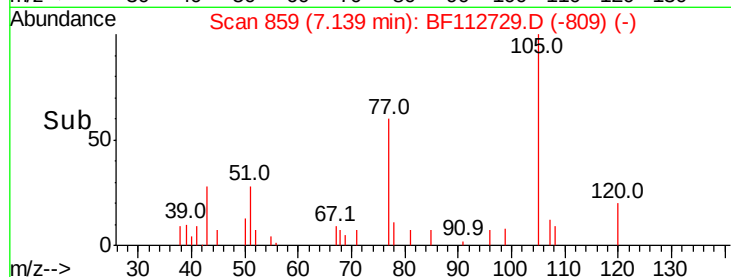
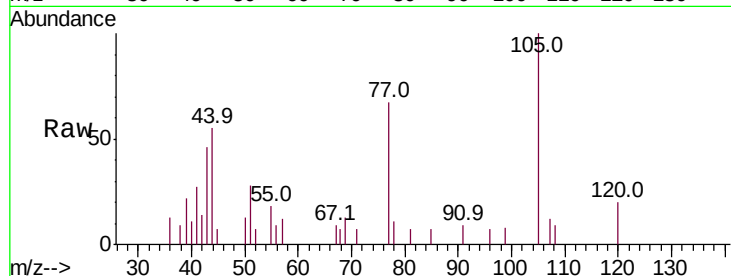
Ion Ratio Lower Upper

107 100

108 75.9 71.4 111.4

77 561.2 94.1 134.1#

79 0.0 8.6 48.6#



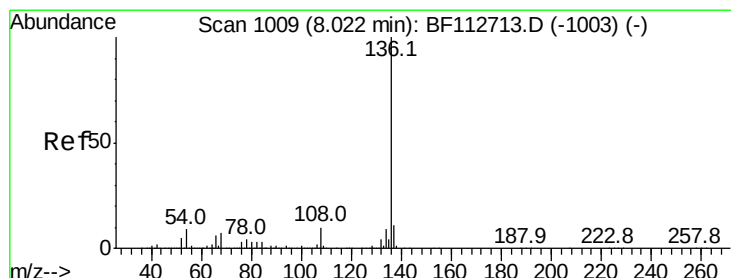
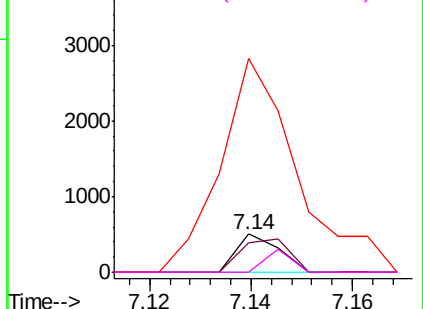
Abundance

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# 1009

Delta R.T. 0.00 min

Lab File: BF112729.D

Acq: 27 Feb 2019 19:56

Tgt Ion:136 Resp: 664975

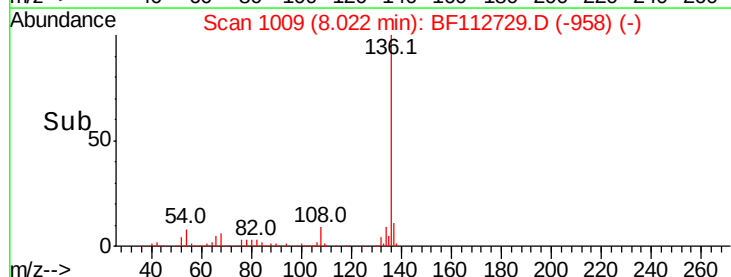
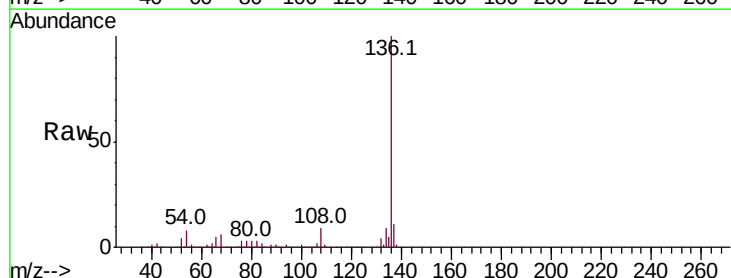
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.3 7.3 10.9

68 6.1 5.4 8.2



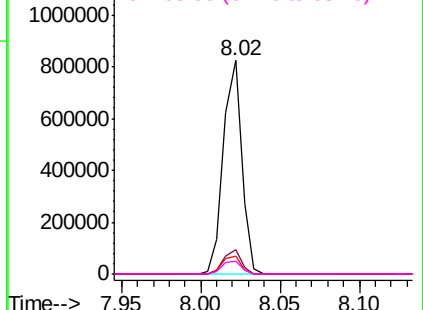
Abundance

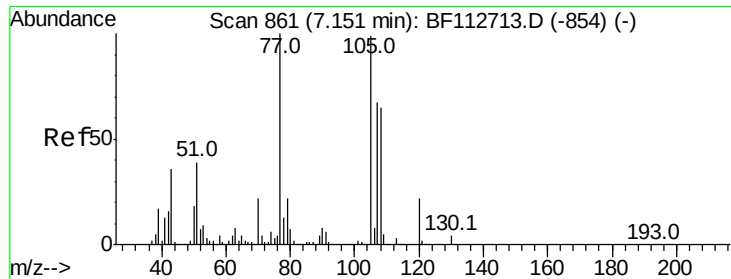
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#22

Acetophenone

Concen: 0.262 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF112729.D

Acq: 27 Feb 2019 19:56

Instrument :

BNA_F

ClientSampled :

SB-04-(0-2)

Tot Ion:105 Resp: 4069

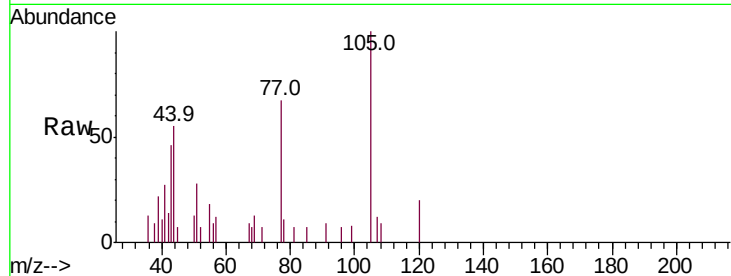
Ion Ratio Lower Upper

105 100

71 7.4 3.0 4.4#

51 28.1 31.5 47.3#

120 19.5 18.1 27.1

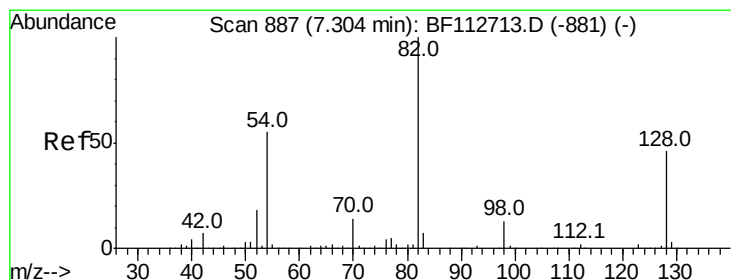
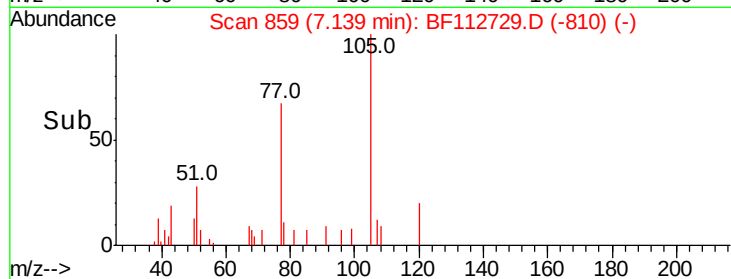
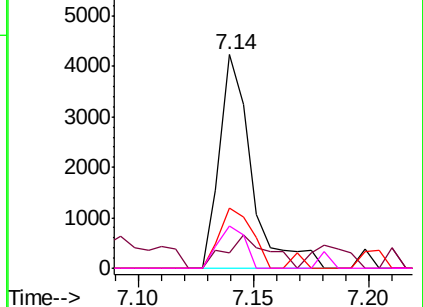


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 34.730 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF112729.D

Acq: 27 Feb 2019 19:56

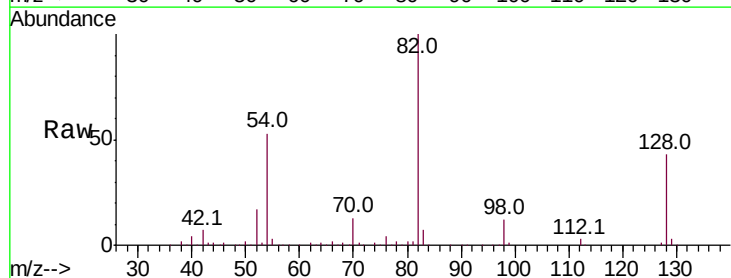
Tgt Ion: 82 Resp: 385950

Ion Ratio Lower Upper

82 100

128 42.9 36.3 54.5

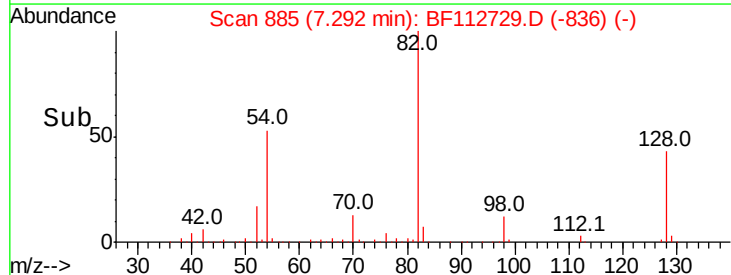
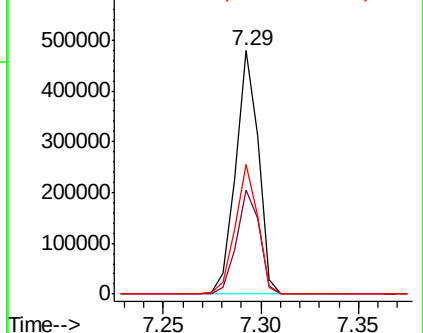
54 53.5 43.7 65.5

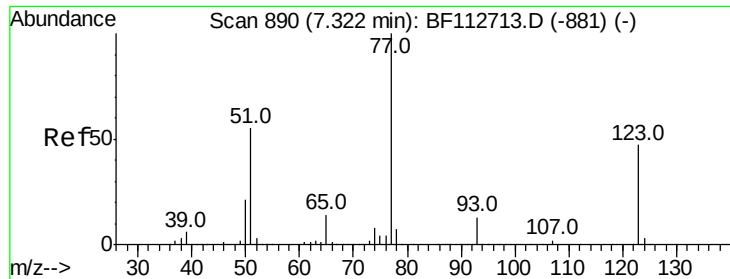


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#24

Nitrobenzene

Concen: 0.114 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.03 min

Lab File: BF112729.D

Acq: 27 Feb 2019 19:56

Instrument :

BNA_F

ClientSampleId :

SB-04-(0-2)

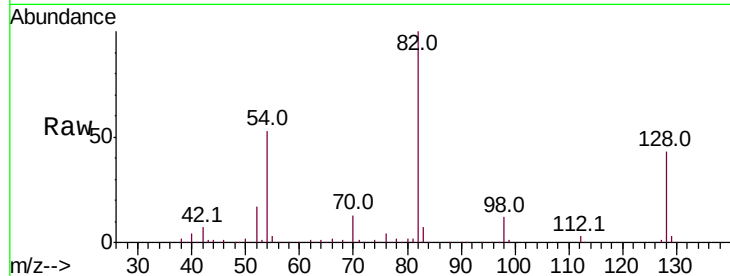
Tot Ion: 77 Resp: 1404

Ion Ratio Lower Upper

77 100

123 0.0 37.8 56.6#

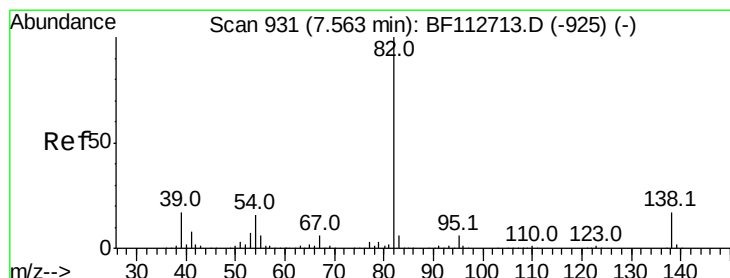
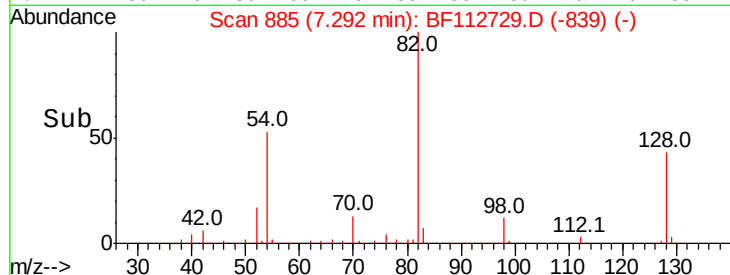
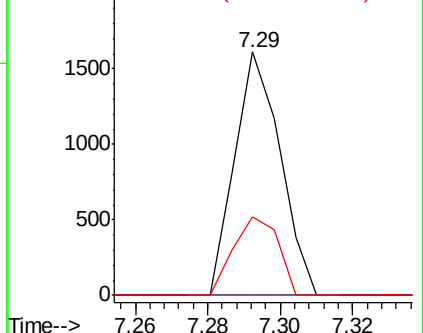
65 32.1 11.1 16.7#



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1



#25

Isophorone

Concen: 16.091 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.27 min

Lab File: BF112729.D

Acq: 27 Feb 2019 19:56

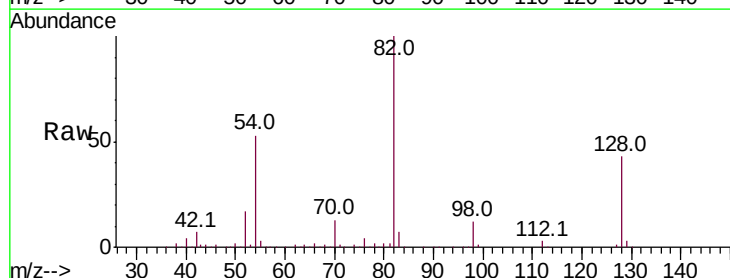
Tgt Ion: 82 Resp: 385242

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

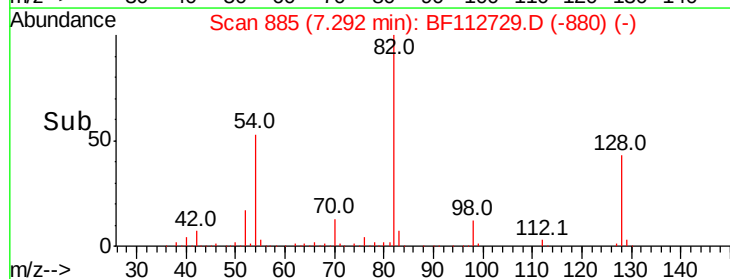
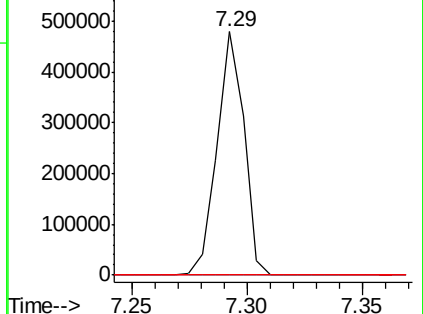
138 0.0 13.8 20.8#

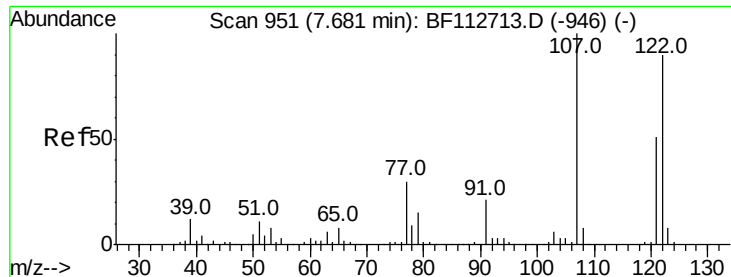


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

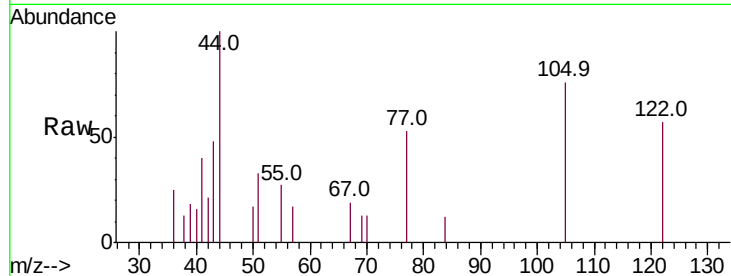




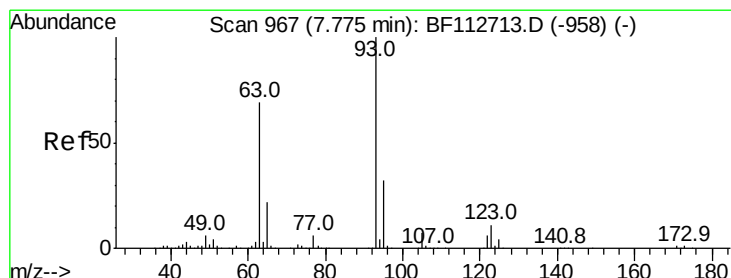
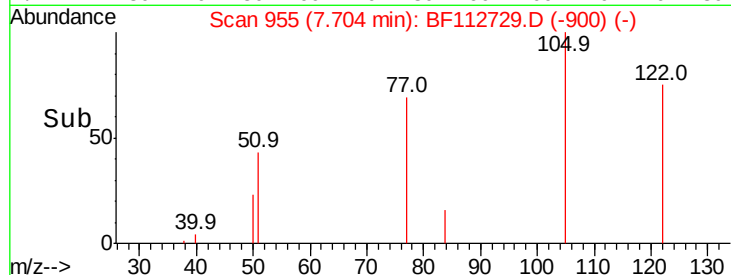
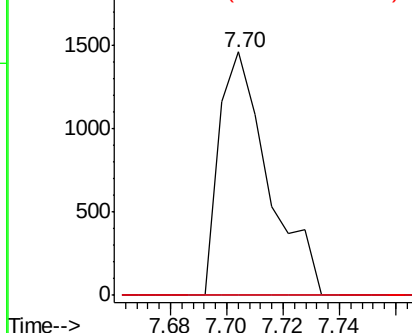
#27
 2,4-Dimethylphenol
 Concen: 0.184 ng
 RT: 7.70 min Scan# 955
 Delta R.T. 0.02 min
 Lab File: BF112729.D
 Acq: 27 Feb 2019 19:56

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-(0-2)

Tot Ion:122 Resp: 1767
 Ion Ratio Lower Upper
 122 100
 107 0.0 89.4 134.0#
 121 0.0 45.5 68.3#

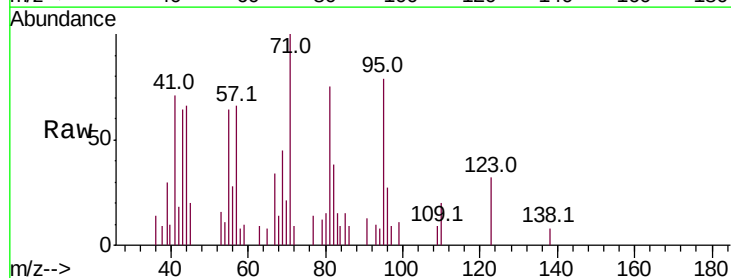


Abundance Ion 122.00 (121.70 to 122.70): E
 2000 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

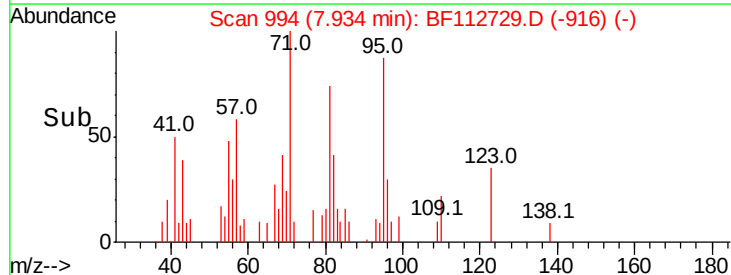
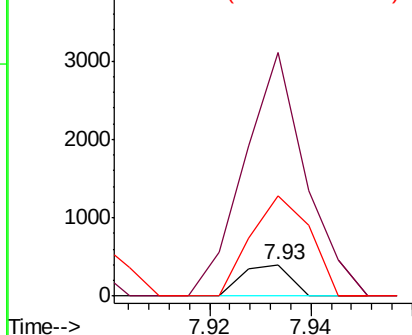


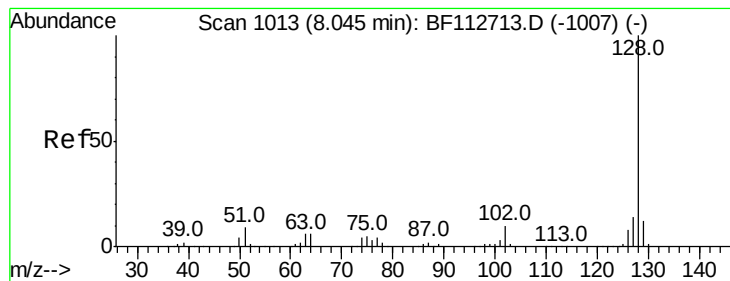
#28
 bis(2-Chloroethoxy)methane
 Concen: 0.018 ng
 RT: 7.93 min Scan# 994
 Delta R.T. 0.16 min
 Lab File: BF112729.D
 Acq: 27 Feb 2019 19:56

Tgt Ion: 93 Resp: 263
 Ion Ratio Lower Upper
 93 100
 95 774.1 26.0 39.0#
 123 317.0 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





#31

Naphthalene

Concen: 0.169 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF112729.D

Acq: 27 Feb 2019 19:56

Instrument :

BNA_F

ClientSampleId :

SB-04-(0-2)

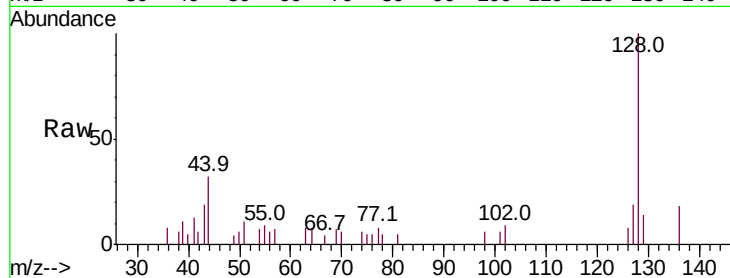
Tot Ion:128 Resp: 5568

Ion Ratio Lower Upper

128 100

129 13.8 9.3 13.9

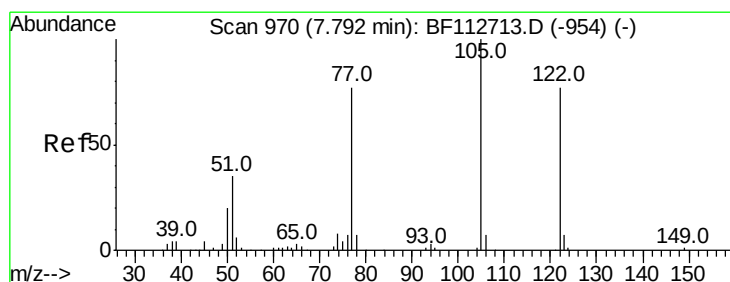
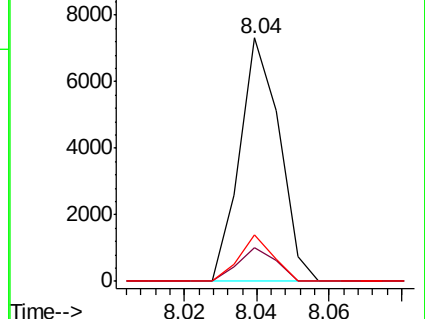
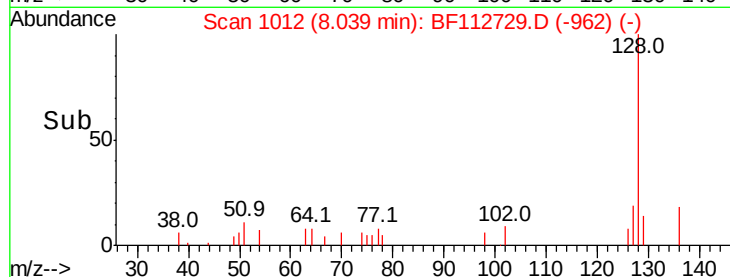
127 19.1 10.9 16.3#



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: 0.263 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.09 min

Lab File: BF112729.D

Acq: 27 Feb 2019 19:56

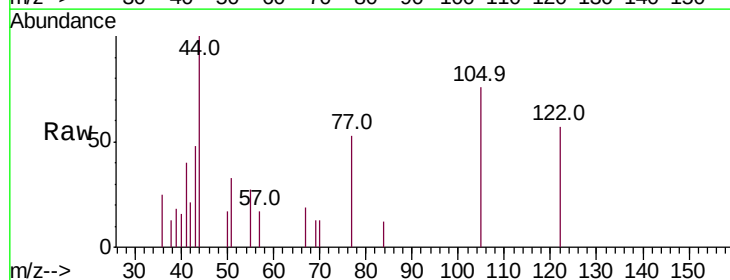
Tgt Ion:122 Resp: 1767

Ion Ratio Lower Upper

122 100

105 134.1 106.8 146.8

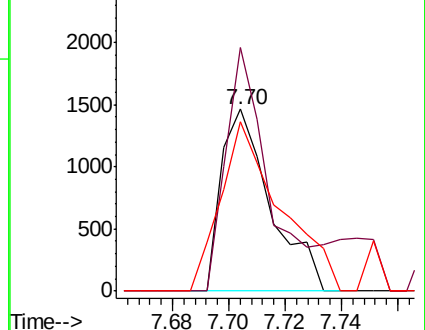
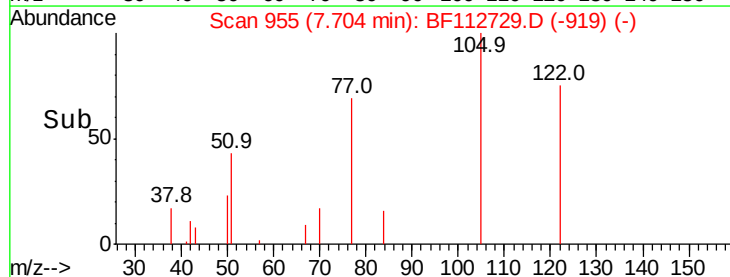
77 93.2 79.4 119.4

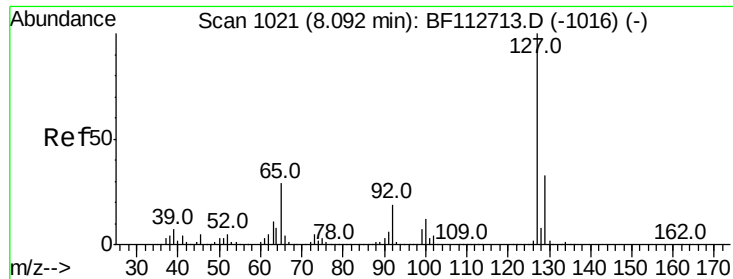


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

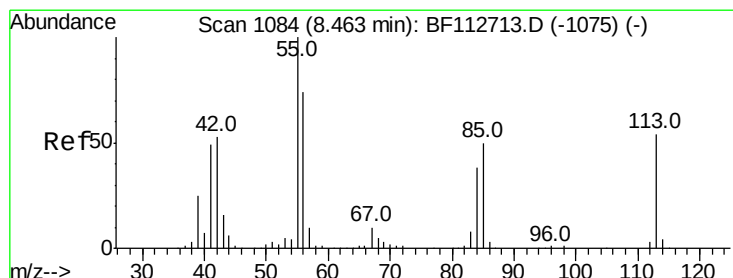
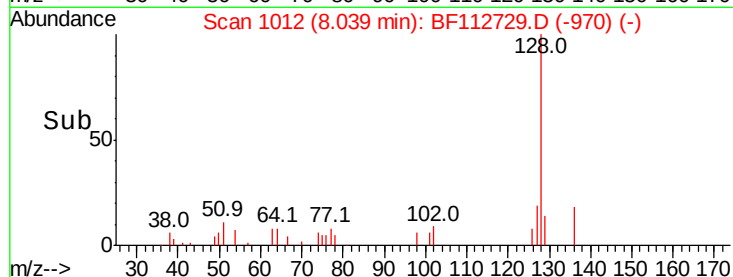
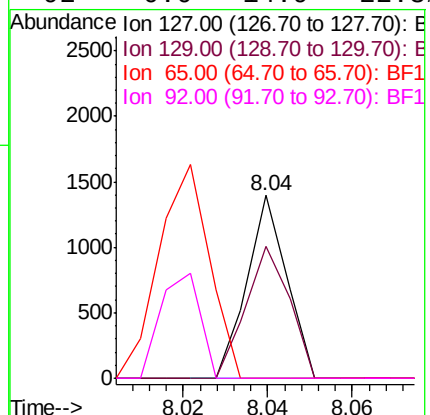
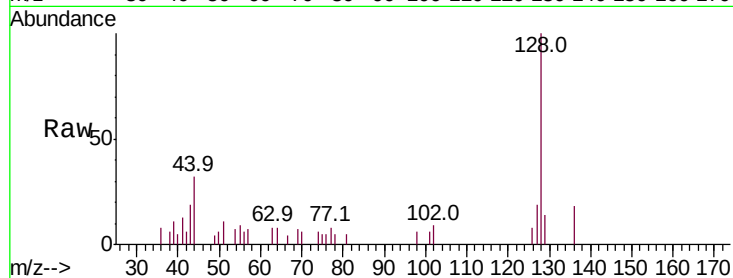




#33
4-Chloroaniline
Concen: 0.065 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.05 min
Lab File: BF112729.D
Acq: 27 Feb 2019 19:56

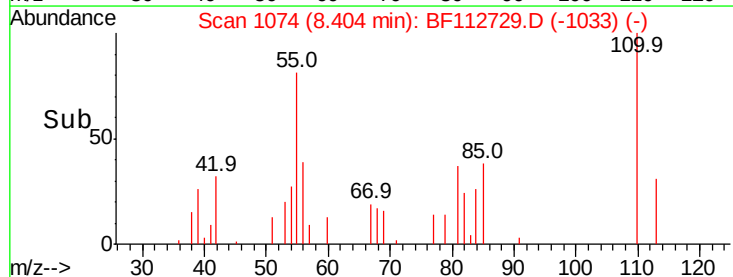
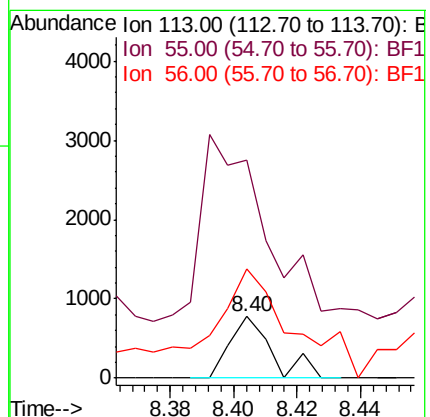
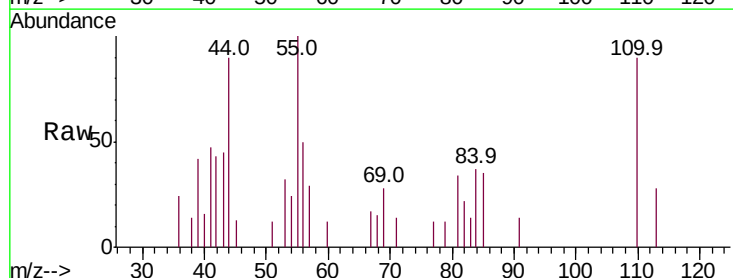
Instrument :
BNA_F
ClientSampleId :
SB-04-(0-2)

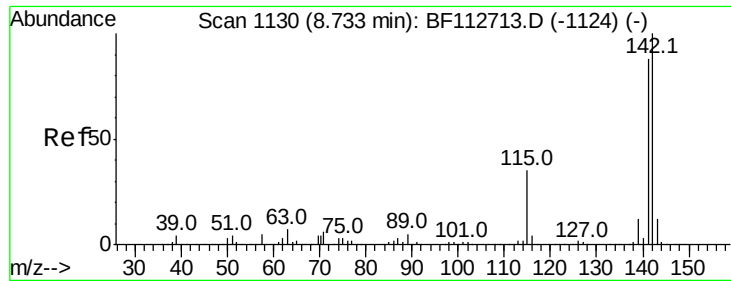
Tot Ion:	127	Resp:	912
Ion	Ratio	Lower	Upper
127	100		
129	72.4	26.4	39.6#
65	0.0	23.1	34.7#
92	0.0	14.9	22.3#



#35
Caprolactam
Concen: 0.214 ng
RT: 8.40 min Scan# 1074
Delta R.T. -0.06 min
Lab File: BF112729.D
Acq: 27 Feb 2019 19:56

Tgt Ion:	113	Resp:	701
Ion	Ratio	Lower	Upper
113	100		
55	356.1	163.5	203.5#
56	178.2	115.3	155.3#

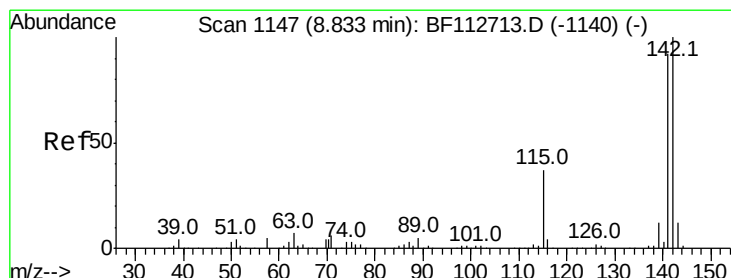
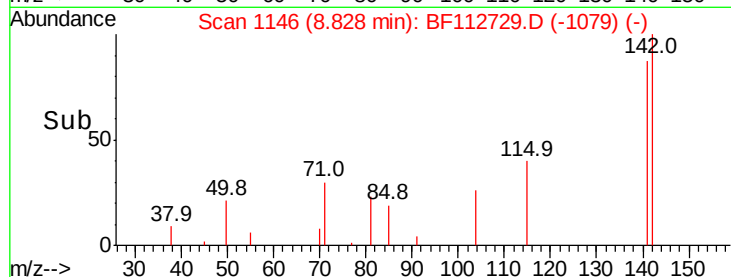
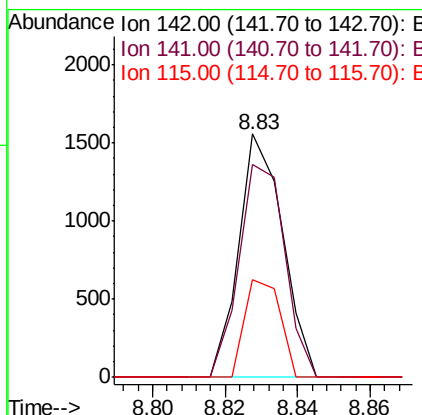
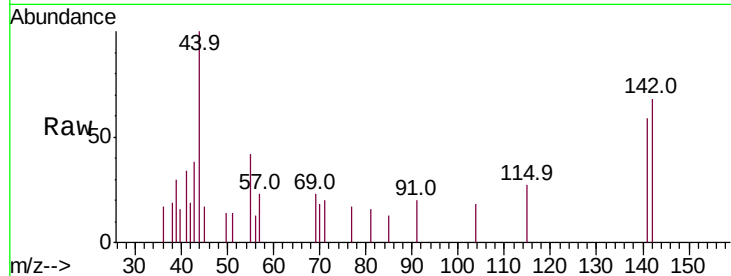




#37
2-Methylnaphthalene
Concen: 0.061 ng
RT: 8.83 min Scan# 1146
Delta R.T. 0.09 min
Lab File: BF112729.D
Acq: 27 Feb 2019 19:56

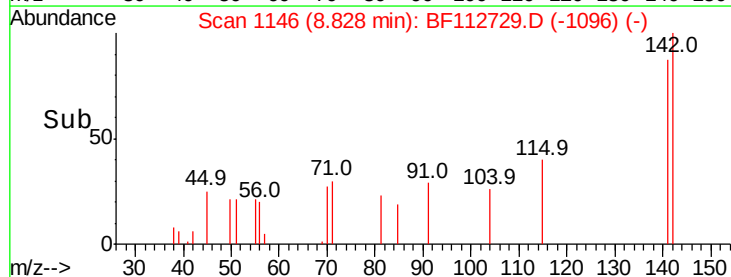
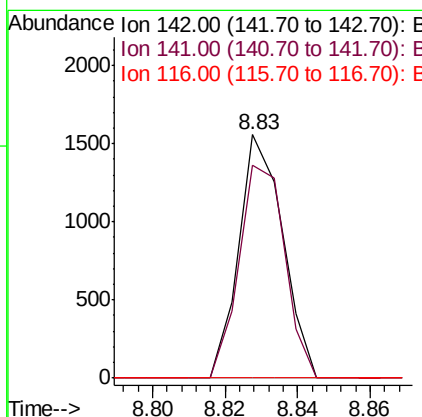
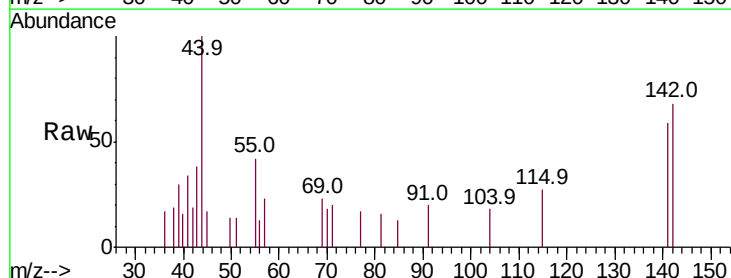
Instrument :
BNA_F
ClientSampleId :
SB-04-(0-2)

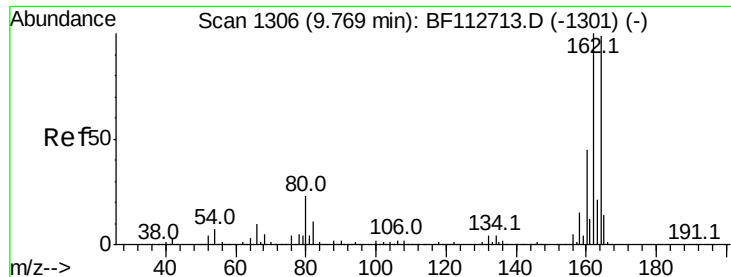
Tot Ion:142 Resp: 1309
Ion Ratio Lower Upper
142 100
141 87.2 70.3 105.5
115 40.2 27.8 41.6



#38
1-Methylnaphthalene
Concen: 0.063 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF112729.D
Acq: 27 Feb 2019 19:56

Tgt Ion:142 Resp: 1309
Ion Ratio Lower Upper
142 100
141 87.2 73.7 110.5
116 0.0 3.1 4.7#

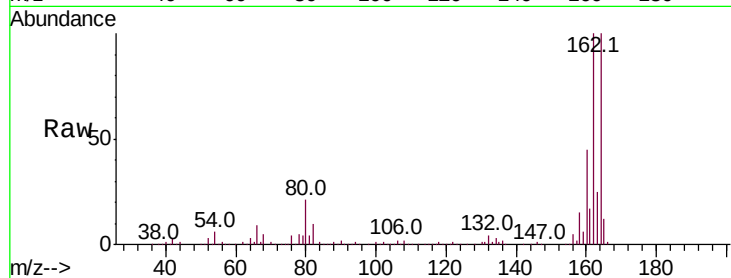




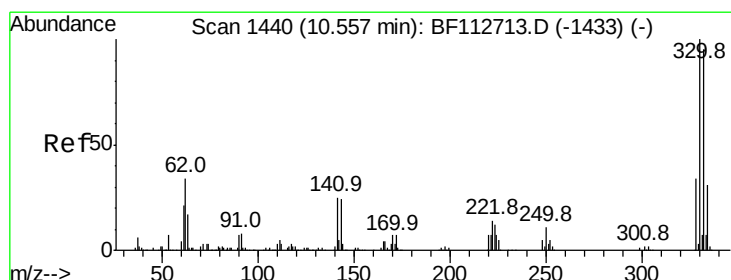
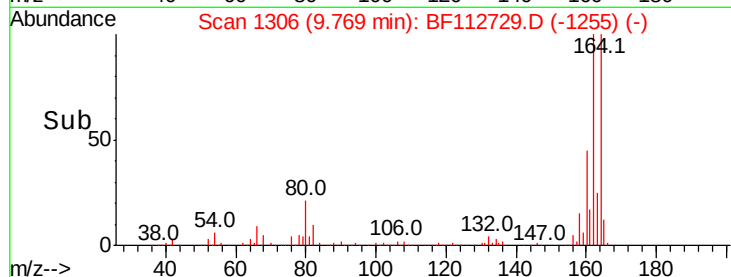
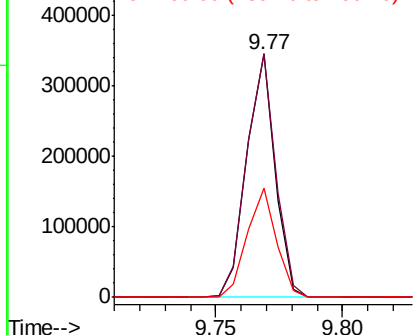
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: BF112729.D
 Acq: 27 Feb 2019 19:56

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-(0-2)

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.2	80.6	120.8
160	44.7	36.0	54.0

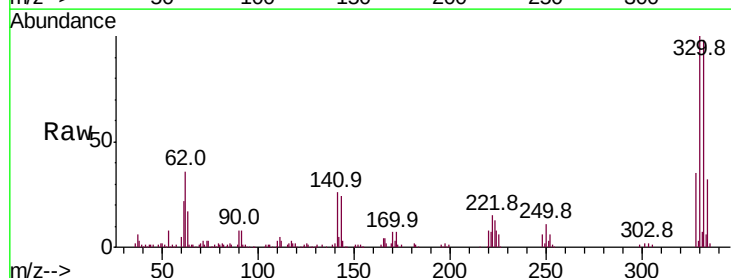


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

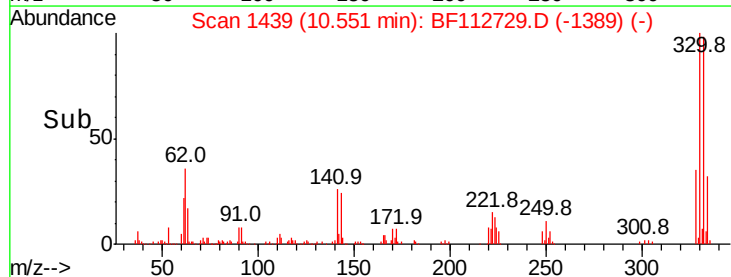
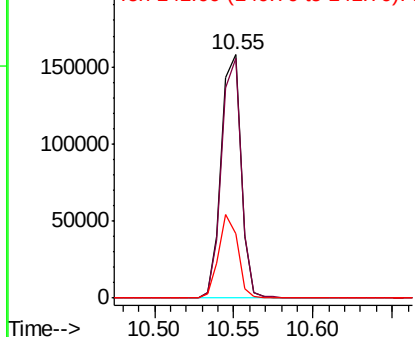


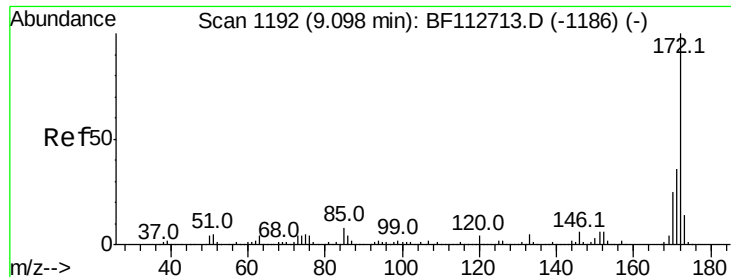
#42
 2,4,6-Tribromophenol
 Concen: 48.391 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF112729.D
 Acq: 27 Feb 2019 19:56

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.2	114.4
141	32.9	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

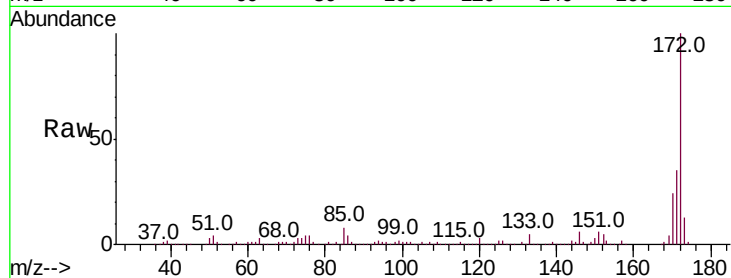




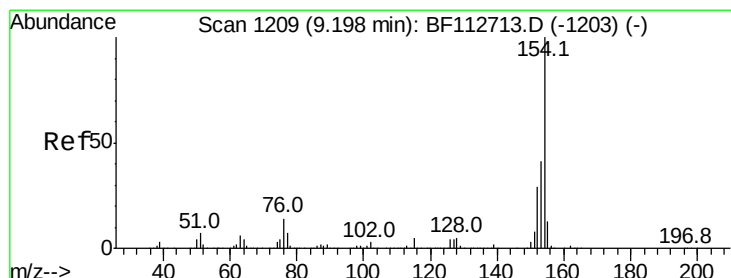
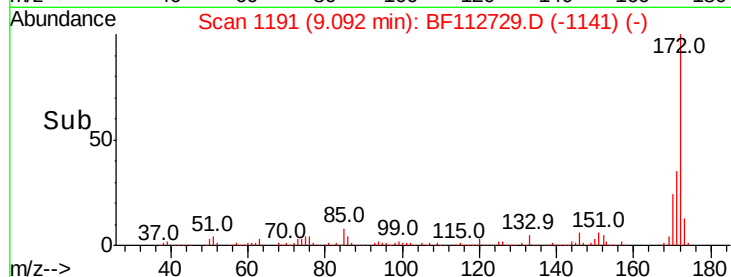
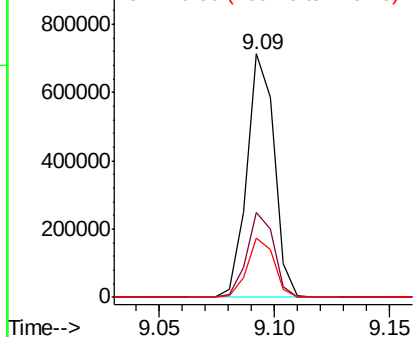
#45
2-Fluorobiphenyl
Concen: 28.993 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF112729.D
Acq: 27 Feb 2019 19:56

Instrument :
BNA_F
ClientSampleId :
SB-04-(0-2)

Tot Ion:172 Resp: 591549
Ion Ratio Lower Upper
172 100
171 35.0 29.0 43.4
170 24.1 20.0 30.0

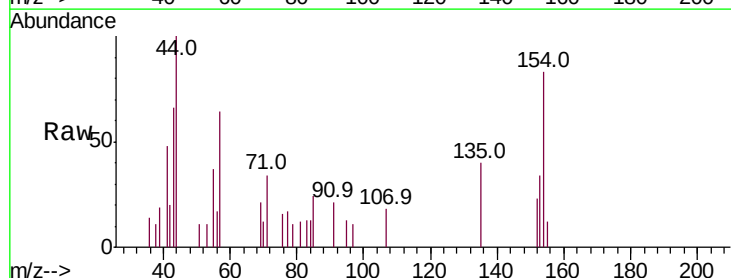


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

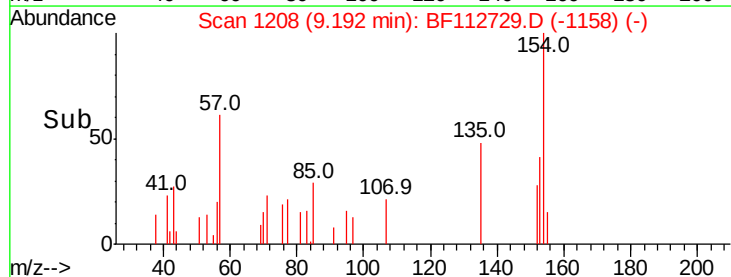
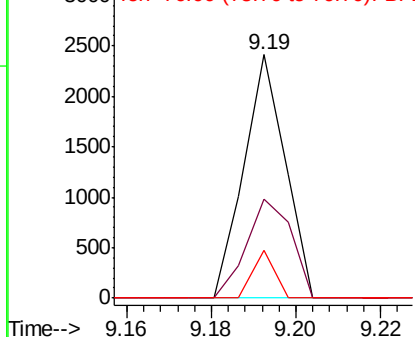


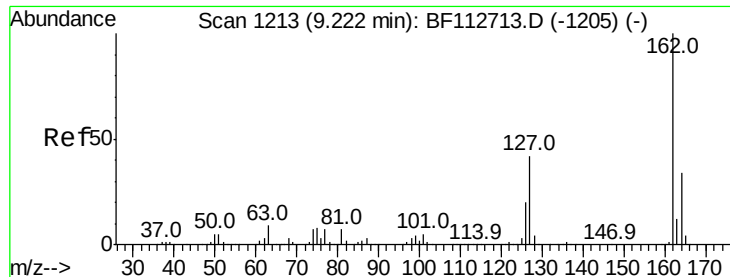
#46
1,1'-Biphenyl
Concen: 0.075 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112729.D
Acq: 27 Feb 2019 19:56

Tgt Ion:154 Resp: 1640
Ion Ratio Lower Upper
154 100
153 40.8 20.8 60.8
76 19.5 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: 0.010 ng

RT: 9.29 min Scan# 1224

Delta R.T. 0.06 min

Lab File: BF112729.D

Acq: 27 Feb 2019 19:56

Instrument :

BNA_F

ClientSampleId :

SB-04-(0-2)

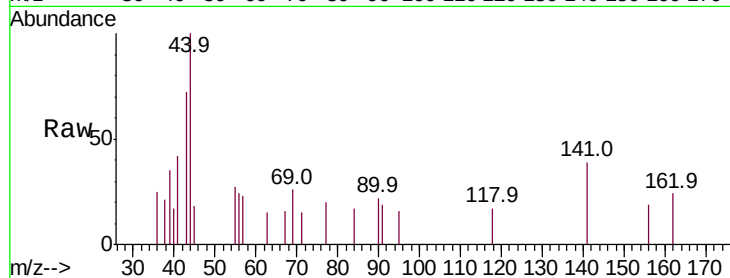
Tot Ion:162 Resp: 177

Ion Ratio Lower Upper

162 100

127 0.0 33.4 50.2#

164 0.0 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

9.29

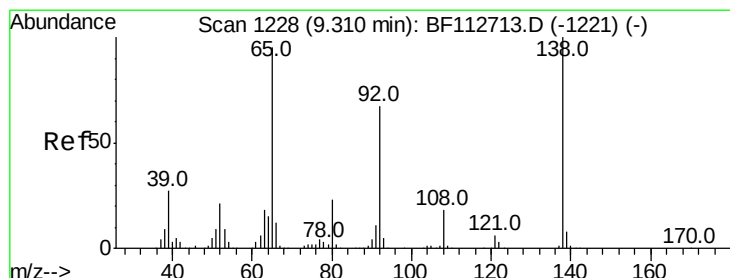
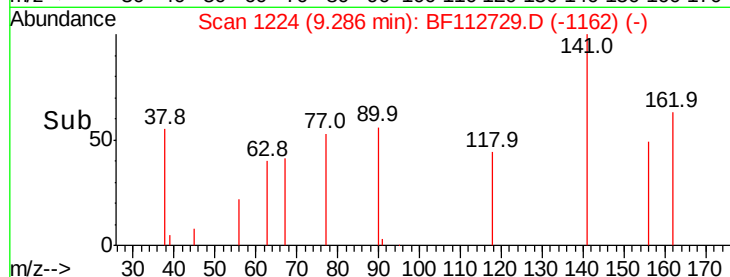
400

200

0

9.27 9.28 9.29 9.30

Time-->



#48

2-Nitroaniline

Concen: 0.021 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF112729.D

Acq: 27 Feb 2019 19:56

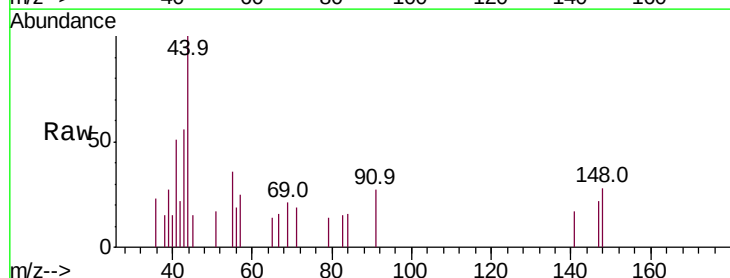
Tgt Ion: 65 Resp: 112

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

9.30

400

300

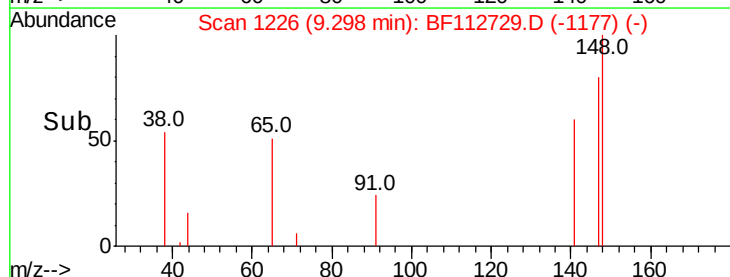
200

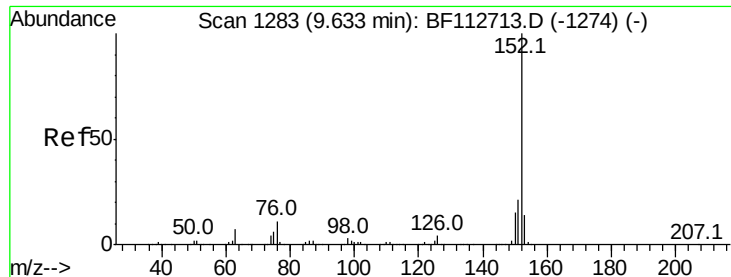
100

0

9.28 9.29 9.30 9.31

Time-->





#49

Acenaphthylene

Concen: 0.384 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF112729.D

Acq: 27 Feb 2019 19:56

Instrument :

BNA_F

ClientSampleId :

SB-04-(0-2)

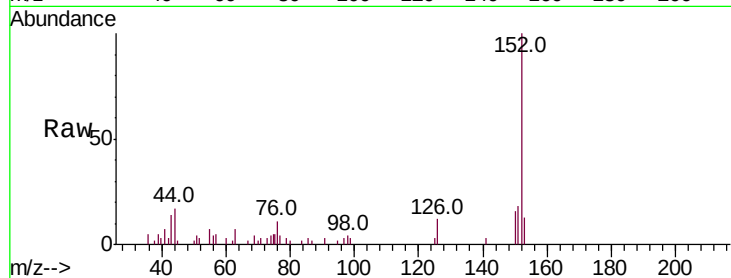
Tot Ion:152 Resp: 11199

Ion Ratio Lower Upper

152 100

151 18.2 16.9 25.3

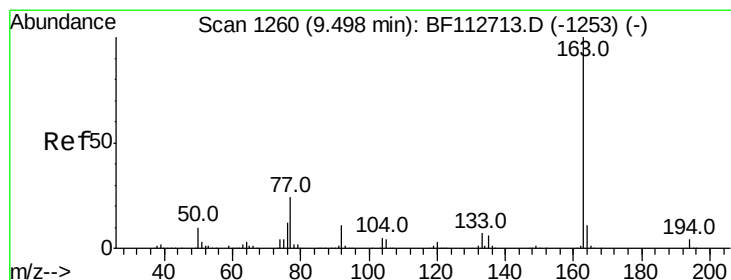
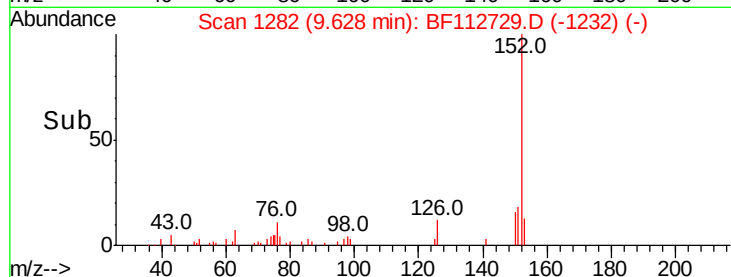
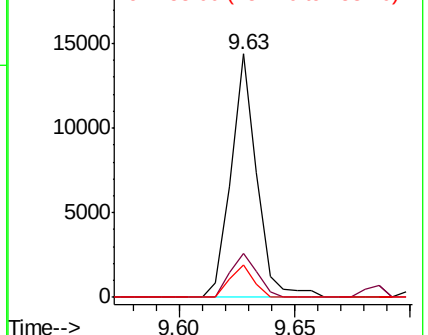
153 13.1 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 2.259 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BF112729.D

Acq: 27 Feb 2019 19:56

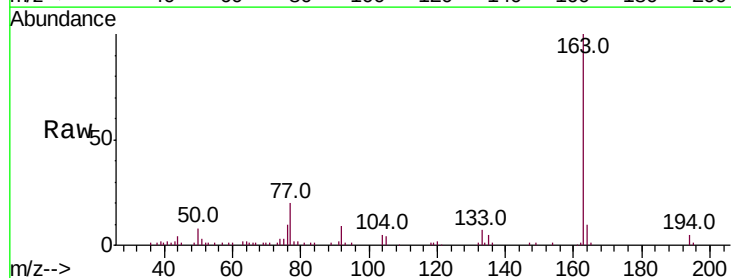
Tgt Ion:163 Resp: 44877

Ion Ratio Lower Upper

163 100

194 4.5 3.0 4.4#

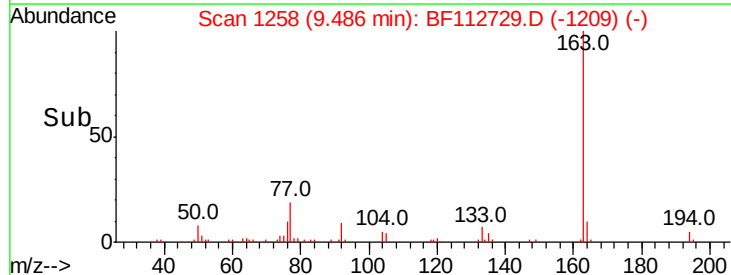
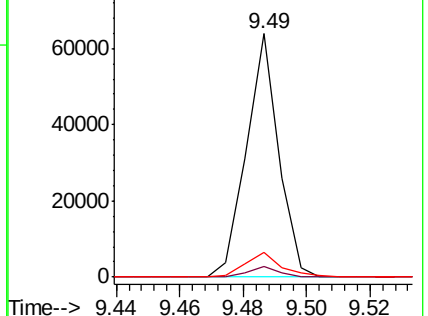
164 10.1 8.4 12.6

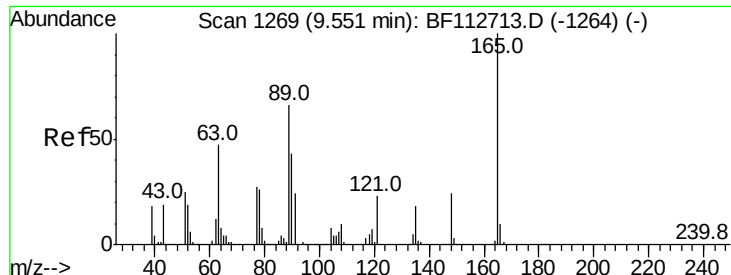


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 8.026 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.22 min

Lab File: BF112729.D

Acq: 27 Feb 2019 19:56

Instrument :

BNA_F

ClientSampleId :

SB-04-(0-2)

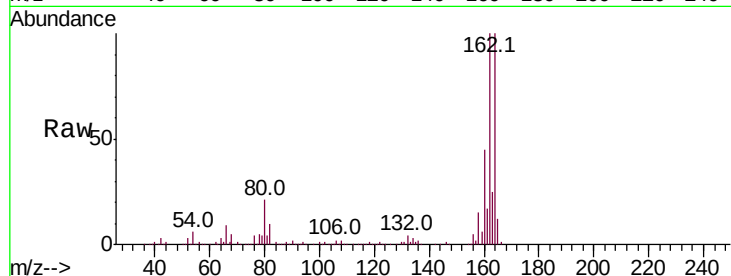
Tot Ion:165 Resp: 33202

Ion Ratio Lower Upper

165 100

63 1.9 54.1 81.1#

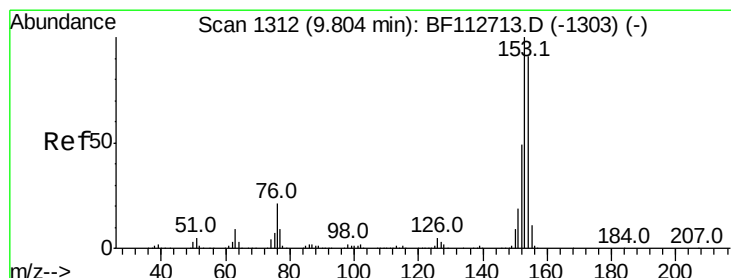
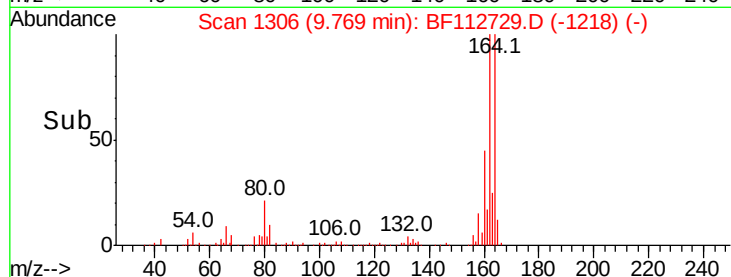
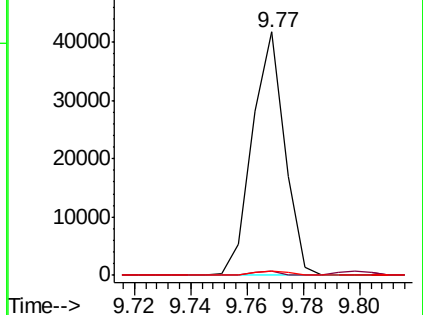
89 1.6 52.8 79.2#



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: 0.481 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF112729.D

Acq: 27 Feb 2019 19:56

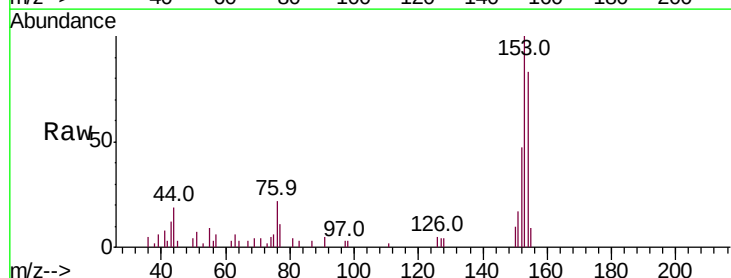
Tgt Ion:154 Resp: 8189

Ion Ratio Lower Upper

154 100

153 120.3 87.8 131.8

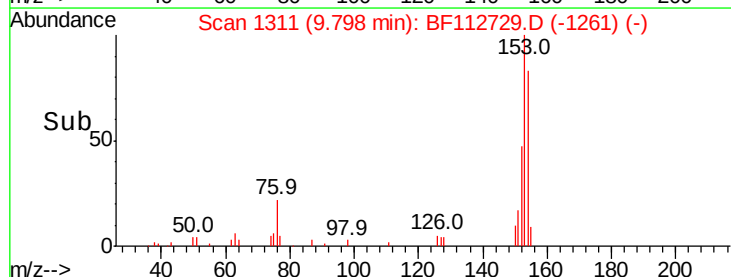
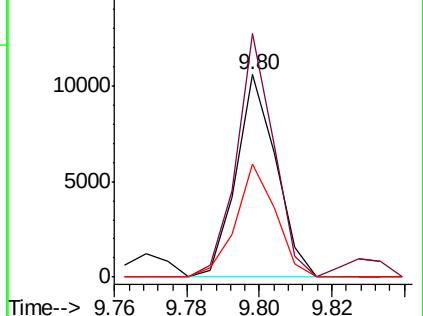
152 56.2 43.0 64.6

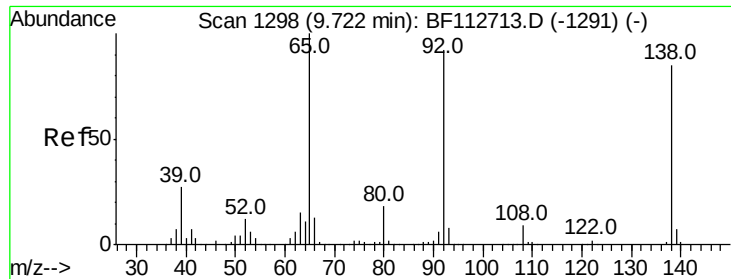


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

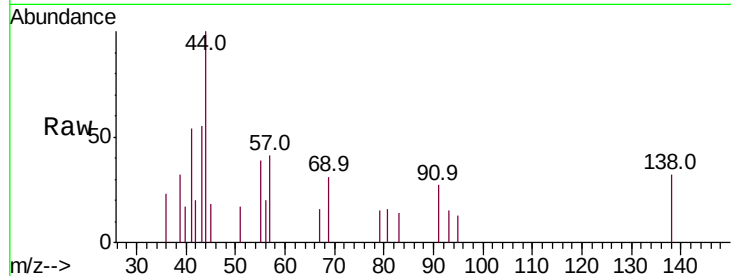




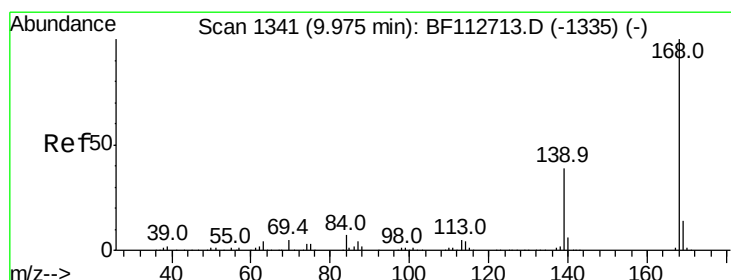
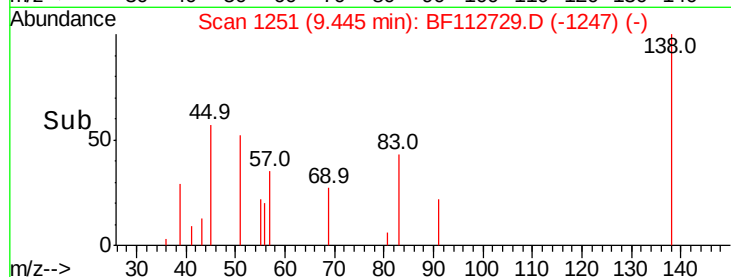
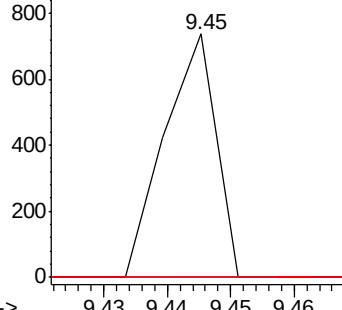
#53
3-Nitroaniline
Concen: 0.081 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.28 min
Lab File: BF112729.D
Acq: 27 Feb 2019 19:56

Instrument :
BNA_F
ClientSampleId :
SB-04-(0-2)

Tot Ion:138 Resp: 410
Ion Ratio Lower Upper
138 100
108 0.0 8.6 13.0#
92 0.0 86.6 129.8#

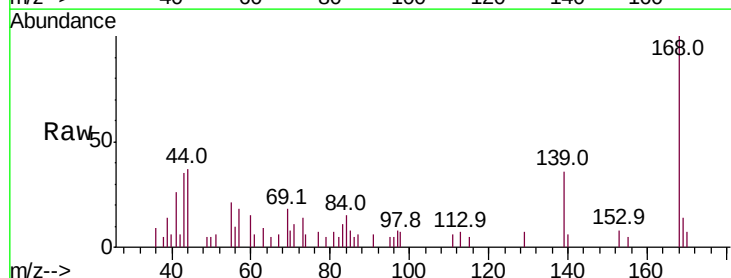


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

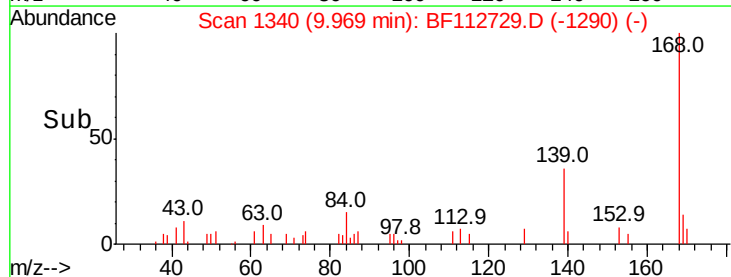
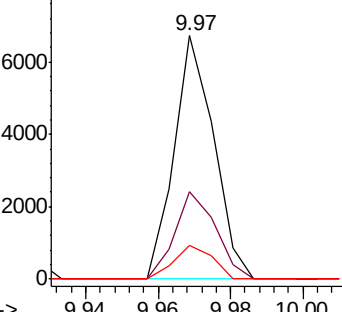


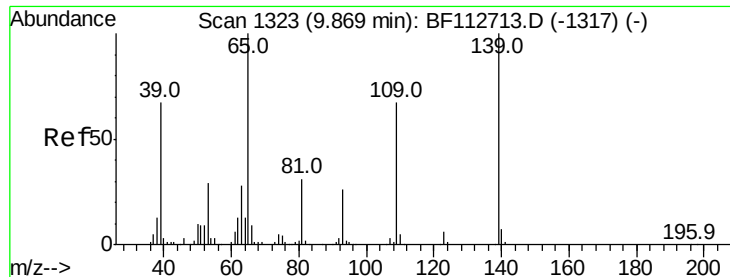
#55
Dibenzofuran
Concen: 0.206 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF112729.D
Acq: 27 Feb 2019 19:56

Tgt Ion:168 Resp: 5097
Ion Ratio Lower Upper
168 100
139 35.9 31.3 46.9
169 13.8 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

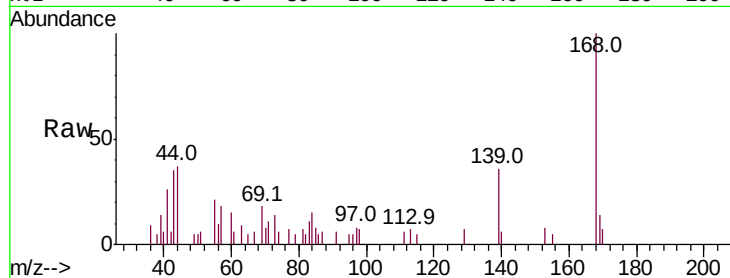




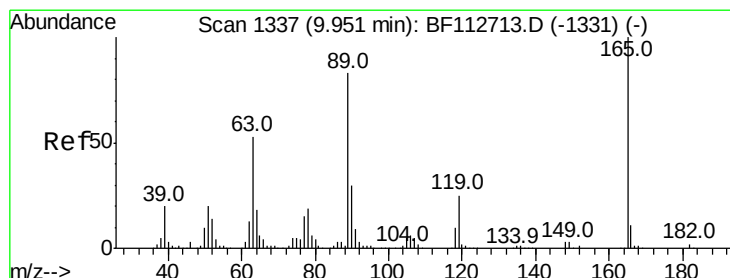
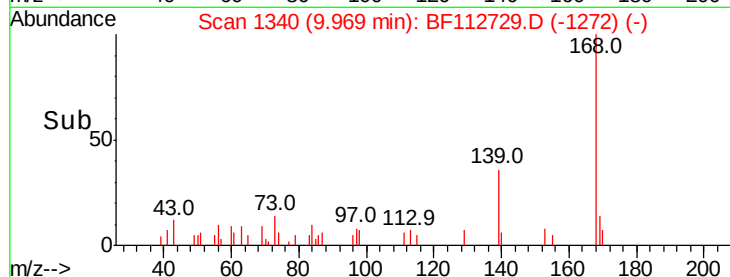
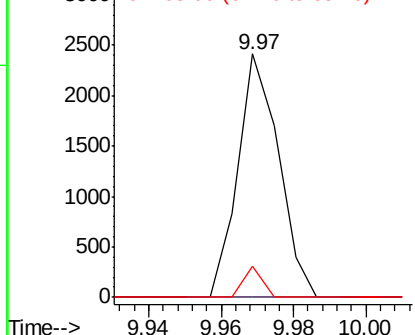
#56
4-Nitrophenol
Concen: 0.461 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.10 min
Lab File: BF112729.D
Acq: 27 Feb 2019 19:56

Instrument :
BNA_F
ClientSampleId :
SB-04-(0-2)

Tot Ion:139 Resp: 1888
Ion Ratio Lower Upper
139 100
109 0.0 46.8 86.8#
65 12.6 80.7 120.7#

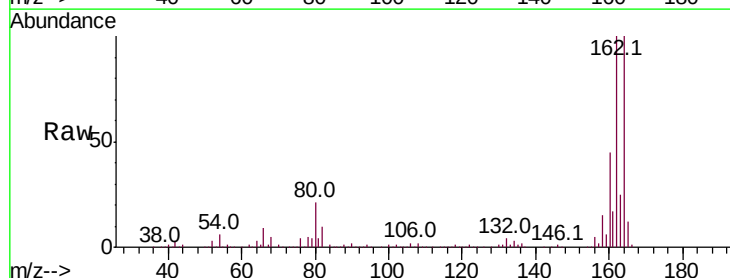


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

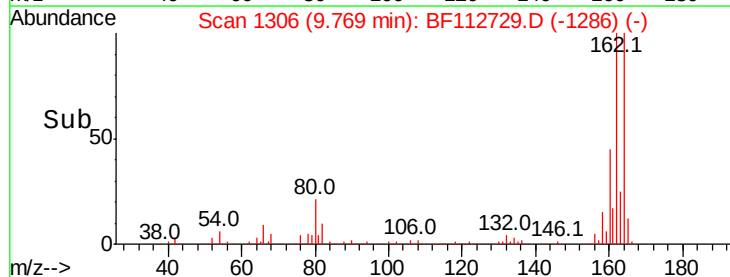
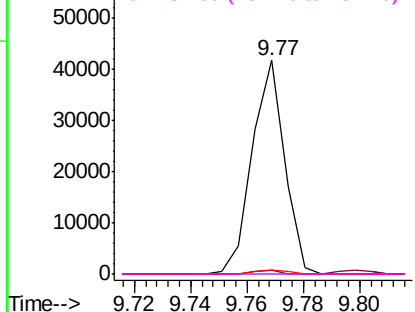


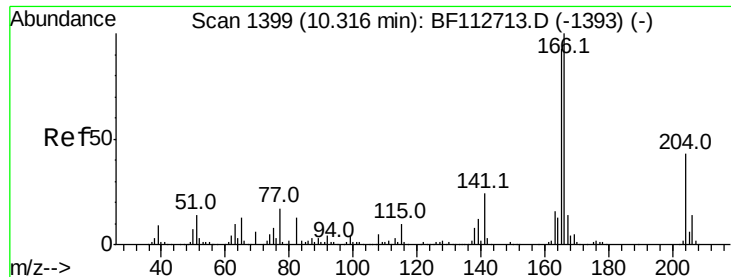
#57
2,4-Dinitrotoluene
Concen: 6.457 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.18 min
Lab File: BF112729.D
Acq: 27 Feb 2019 19:56

Tgt Ion:165 Resp: 33202
Ion Ratio Lower Upper
165 100
63 1.9 42.2 63.2#
89 1.6 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: 0.490 ng

RT: 10.31 min Scan# 1398

Delta R.T. -0.01 min

Lab File: BF112729.D

Acq: 27 Feb 2019 19:56

Instrument :

BNA_F

ClientSampled :

SB-04-(0-2)

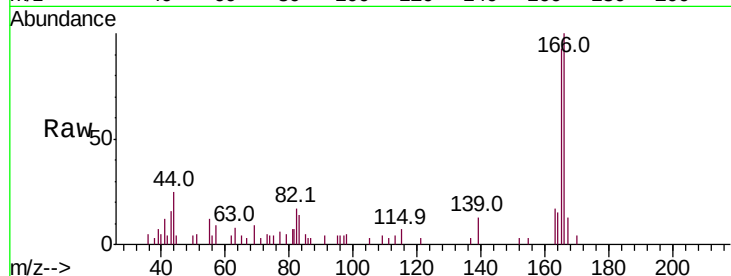
Tot Ion:166 Resp: 8606

Ion Ratio Lower Upper

166 100

165 92.8 74.7 112.1

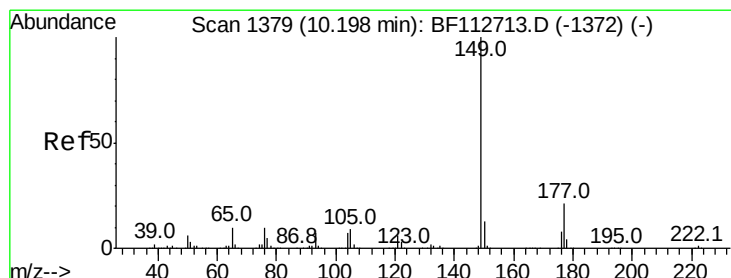
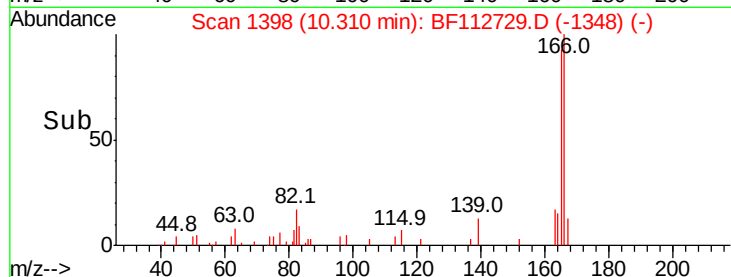
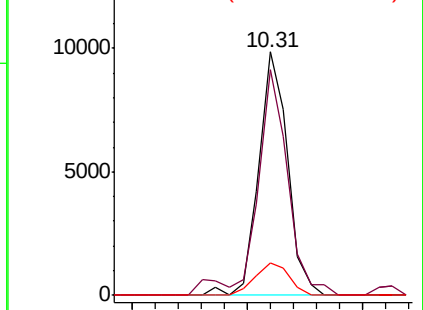
167 13.5 11.0 16.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#60

Diethylphthalate

Concen: 0.061 ng

RT: 10.19 min Scan# 1377

Delta R.T. -0.01 min

Lab File: BF112729.D

Acq: 27 Feb 2019 19:56

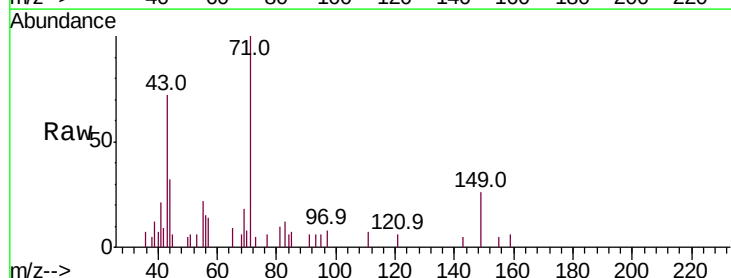
Tgt Ion:149 Resp: 1282

Ion Ratio Lower Upper

149 100

177 0.0 17.0 25.6#

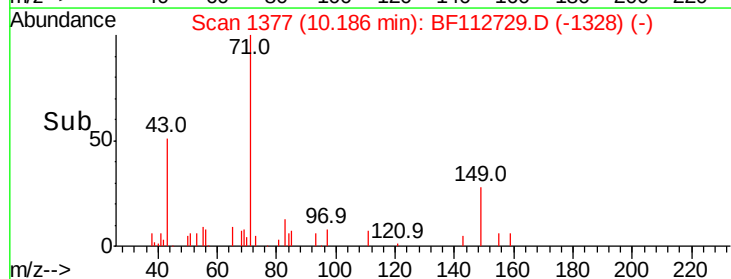
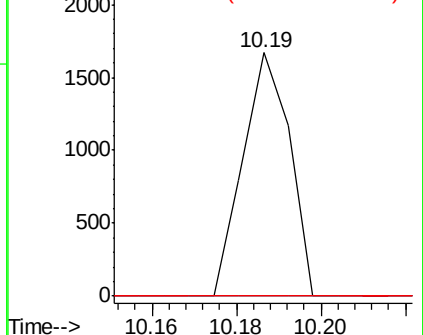
150 0.0 10.0 15.0#

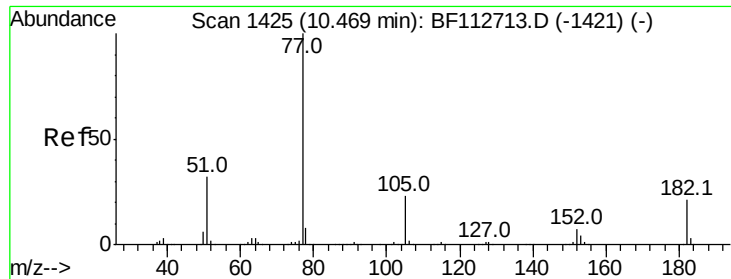


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

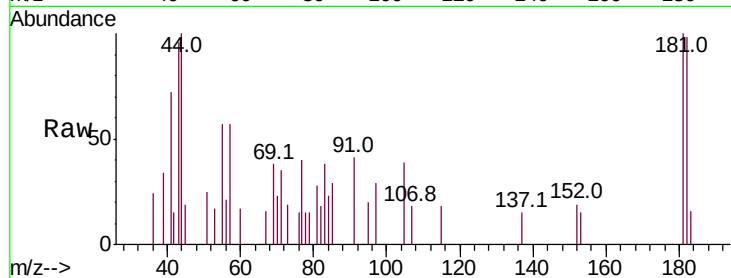




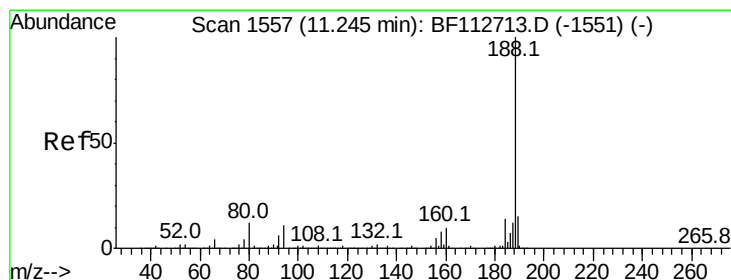
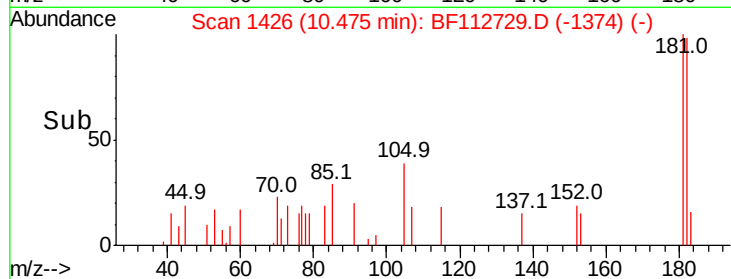
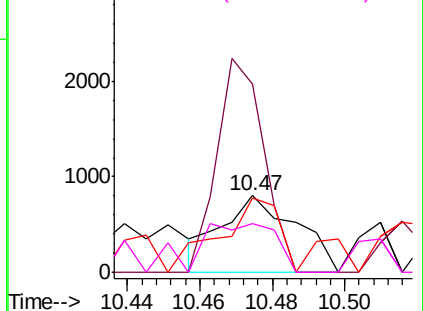
#63
Azobenzene
Concen: 0.054 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF112729.D
Acq: 27 Feb 2019 19:56

Instrument :
BNA_F
ClientSampleId :
SB-04-(0-2)

Tot Ion: 77 Resp: 1154
Ion Ratio Lower Upper
77 100
182 247.1 1.4 41.4#
105 97.6 2.6 42.6#
51 63.5 12.0 52.0#

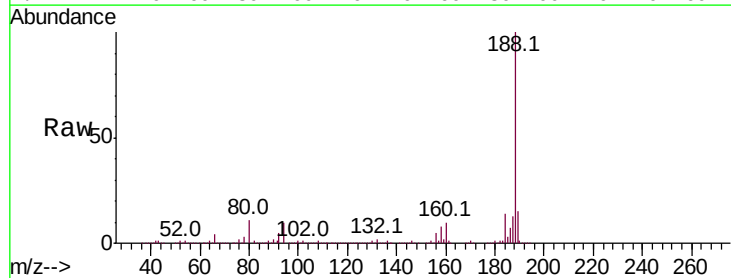


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

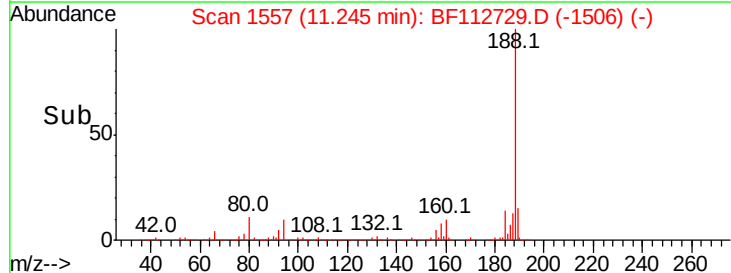
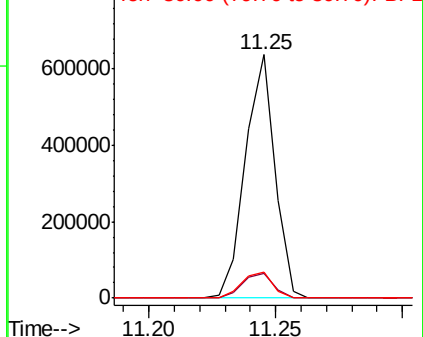


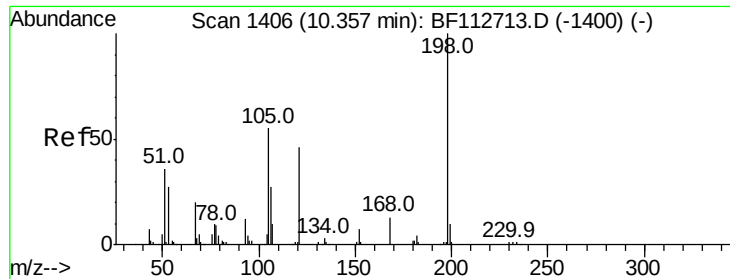
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF112729.D
Acq: 27 Feb 2019 19:56

Tgt Ion: 188 Resp: 517754
Ion Ratio Lower Upper
188 100
94 10.3 9.0 13.4
80 10.8 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

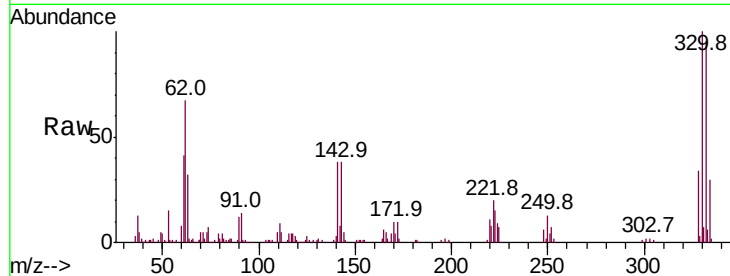




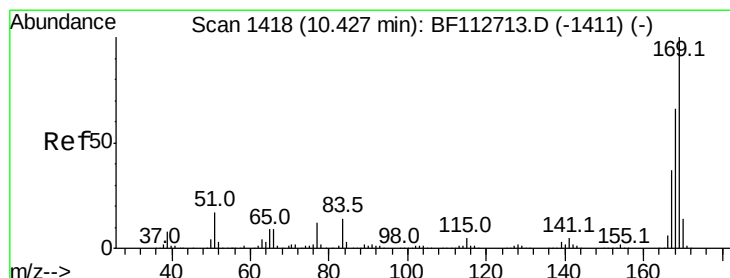
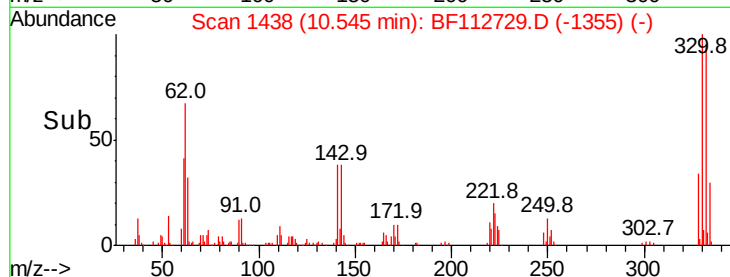
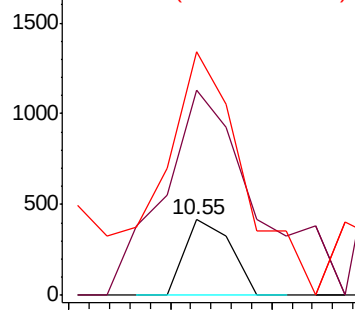
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.725 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.19 min
 Lab File: BF112729.D
 Acq: 27 Feb 2019 19:56

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-(0-2)

Tot Ion:198 Resp: 264
 Ion Ratio Lower Upper
 198 100
 51 270.3 43.8 83.8#
 105 320.8 36.5 76.5#

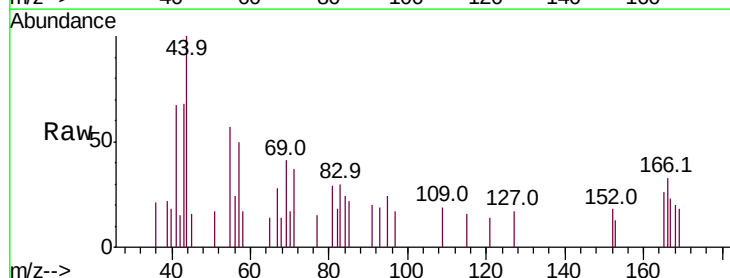


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

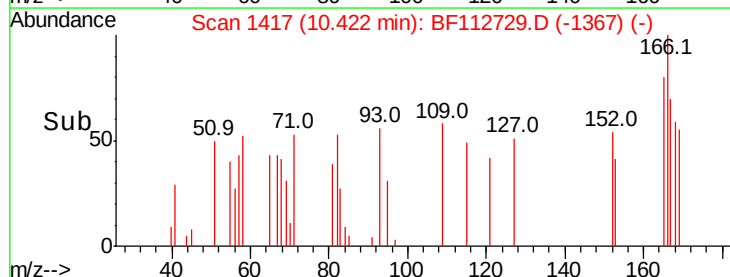
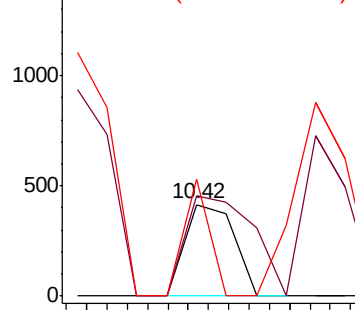


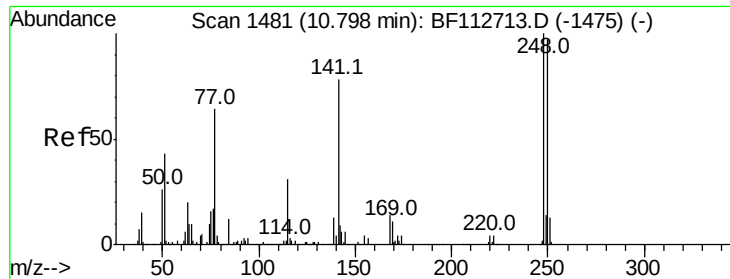
#66
 n-Nitrosodiphenylamine
 Concen: 0.017 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF112729.D
 Acq: 27 Feb 2019 19:56

Tgt Ion:169 Resp: 279
 Ion Ratio Lower Upper
 169 100
 168 108.9 53.0 79.6#
 167 128.2 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

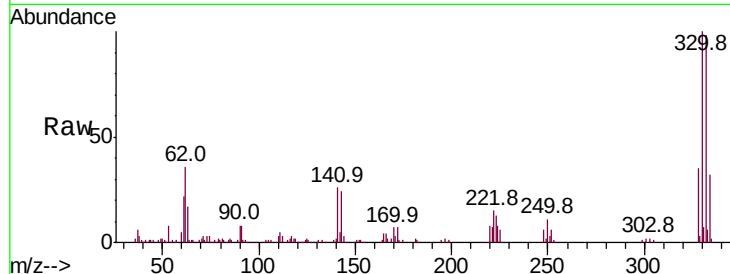




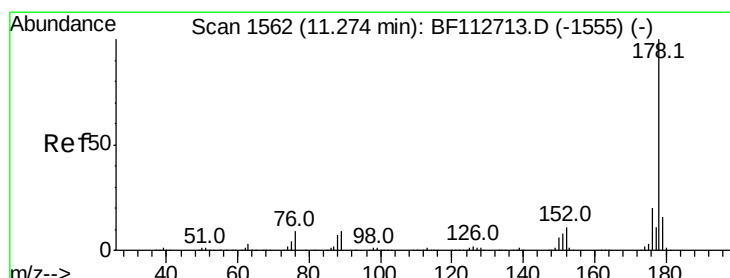
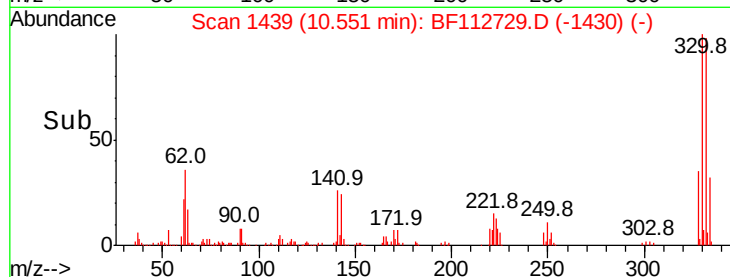
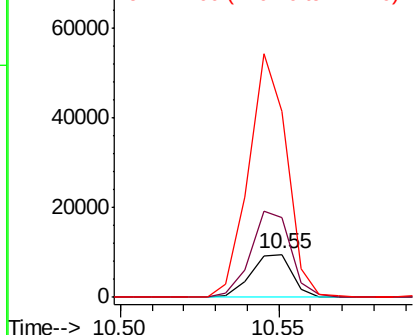
#67
 4-Bromophenyl-phenylether
 Concen: 1.570 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.25 min
 Lab File: BF112729.D
 Acq: 27 Feb 2019 19:56

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-(0-2)

Tot Ion:248 Resp: 8562
 Ion Ratio Lower Upper
 248 100
 250 186.7 77.5 116.3#
 141 434.6 62.4 93.6#

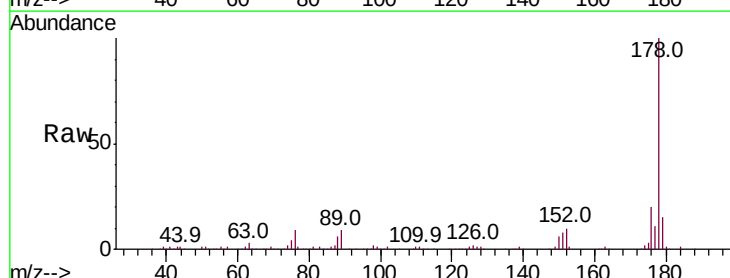


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

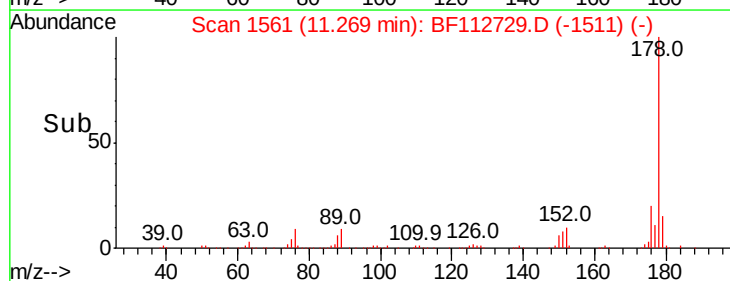
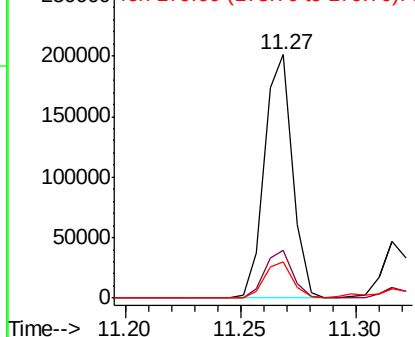


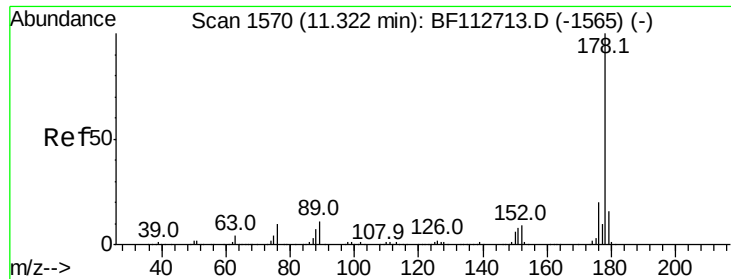
#71
 Phenanthrene
 Concen: 6.592 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BF112729.D
 Acq: 27 Feb 2019 19:56

Tgt Ion:178 Resp: 169805
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.3 24.5
 179 15.1 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: 1.363 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF112729.D

Acq: 27 Feb 2019 19:56

Instrument :

BNA_F

ClientSampleId :

SB-04-(0-2)

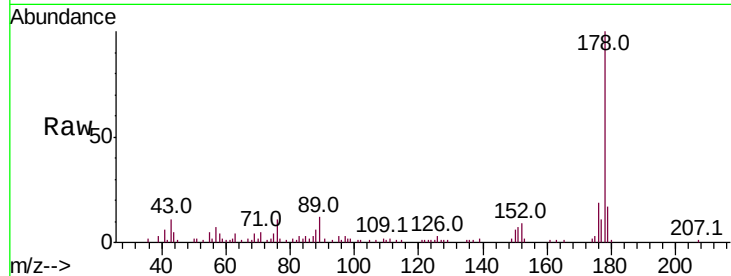
Tot Ion:178 Resp: 36762

Ion Ratio Lower Upper

178 100

176 18.9 15.8 23.6

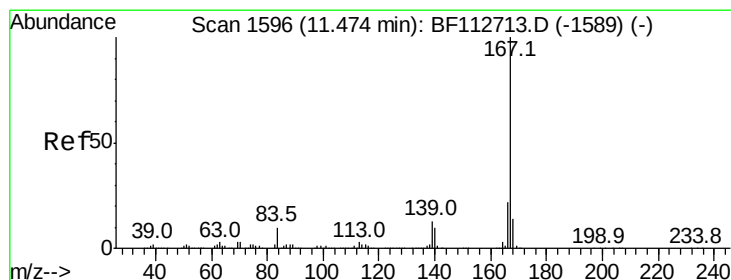
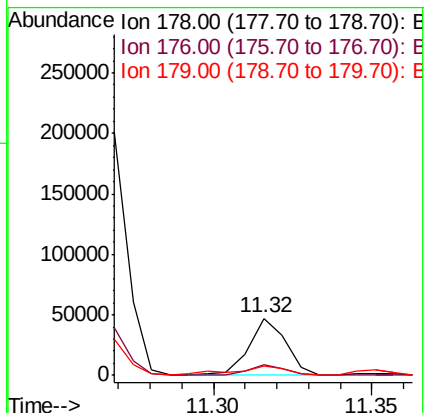
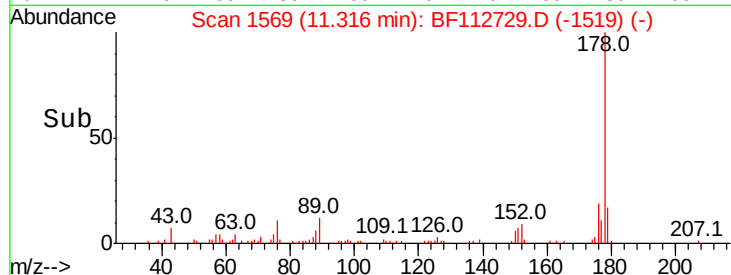
179 17.0 13.0 19.6



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: 0.815 ng

RT: 11.47 min Scan# 1595

Delta R.T. -0.01 min

Lab File: BF112729.D

Acq: 27 Feb 2019 19:56

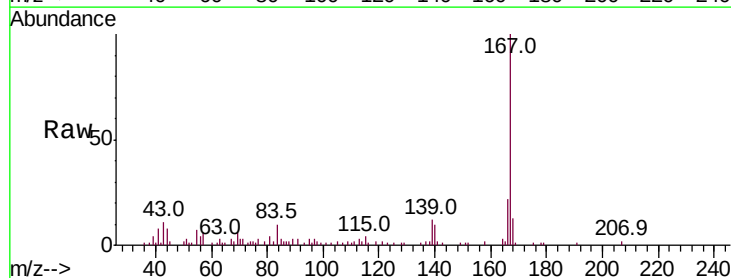
Tgt Ion:167 Resp: 21432

Ion Ratio Lower Upper

167 100

166 21.5 17.5 26.3

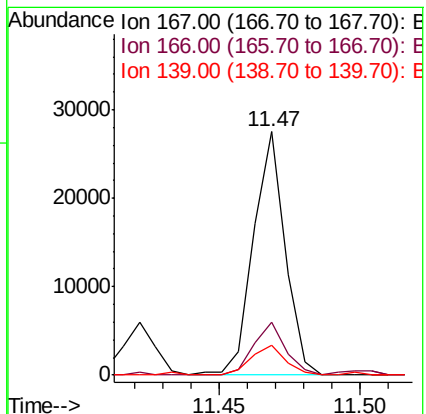
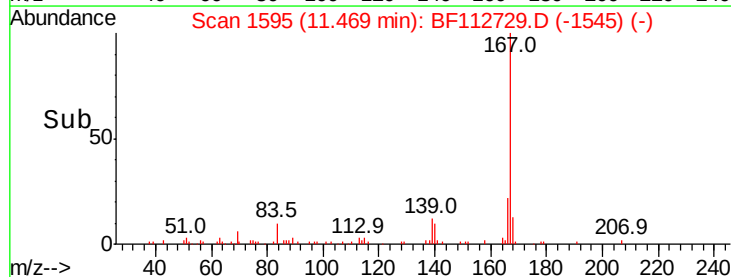
139 12.3 10.8 16.2

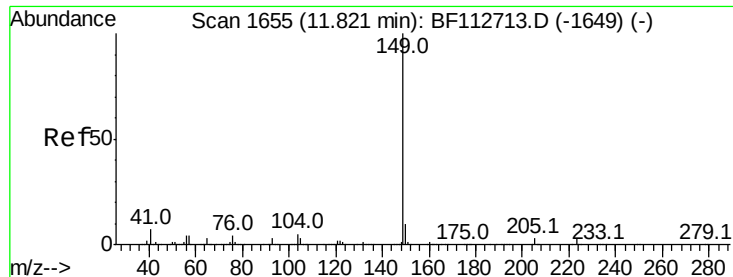


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 1.023 ng

RT: 11.82 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BF112729.D

Acq: 27 Feb 2019 19:56

Instrument :

BNA_F

ClientSampleId :

SB-04-(0-2)

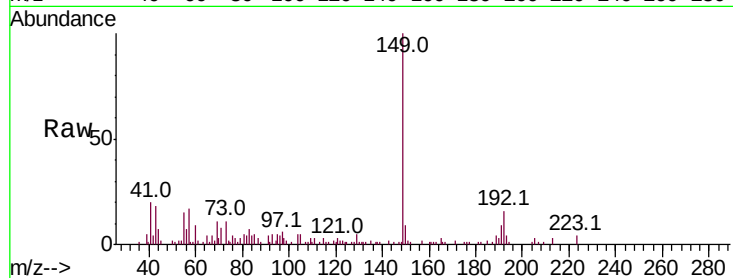
Tot Ion:149 Resp: 32256

Ion Ratio Lower Upper

149 100

150 9.5 7.6 11.4

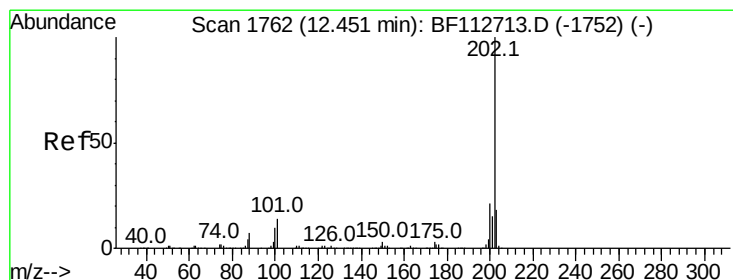
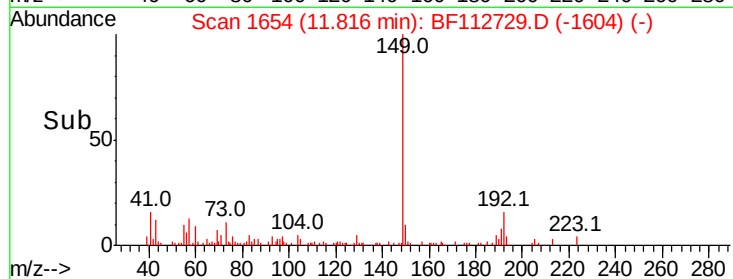
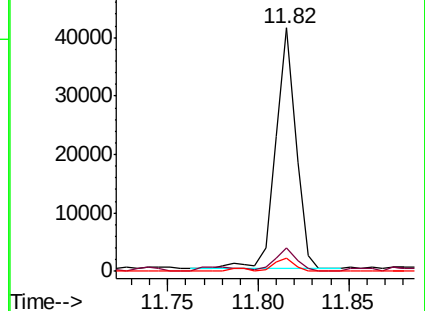
104 5.3 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 13.912 ng

RT: 12.45 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BF112729.D

Acq: 27 Feb 2019 19:56

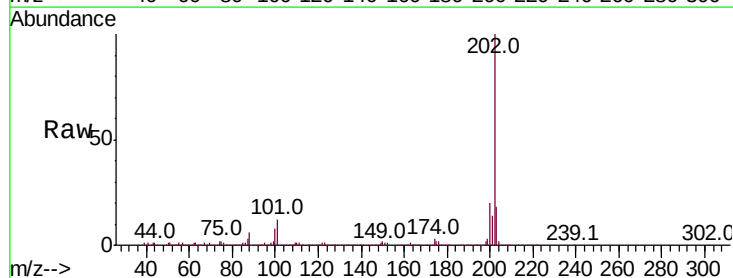
Tgt Ion:202 Resp: 383962

Ion Ratio Lower Upper

202 100

101 12.0 0.0 33.8

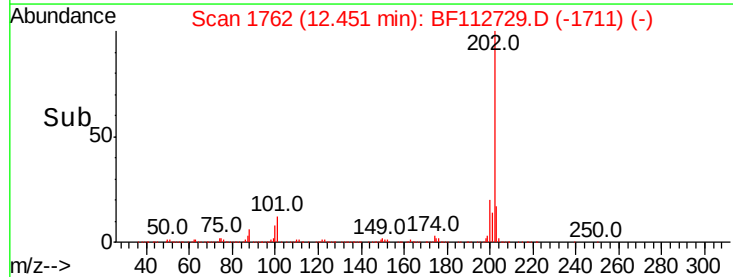
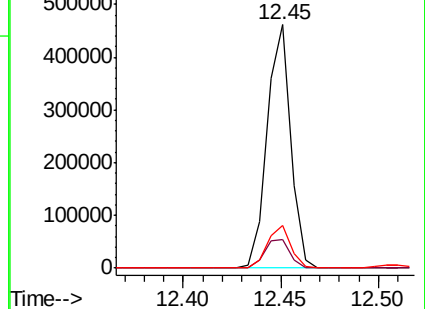
203 17.5 0.0 38.4

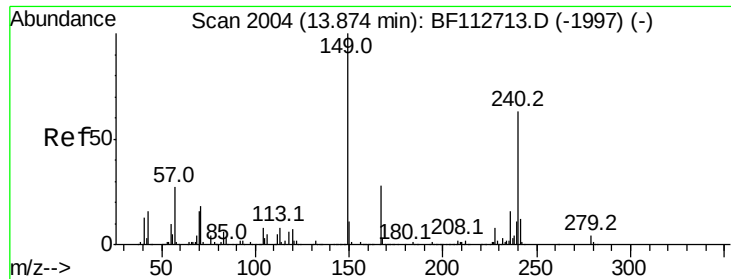


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

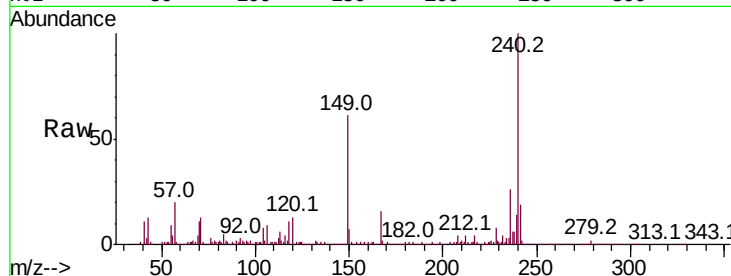




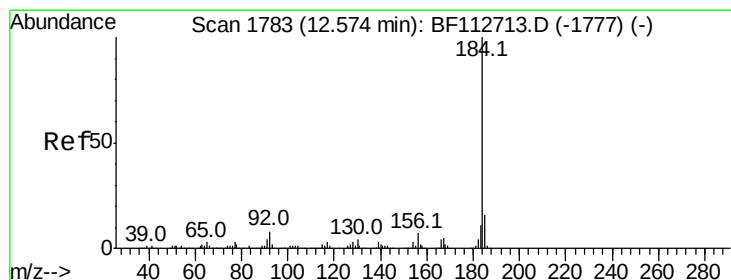
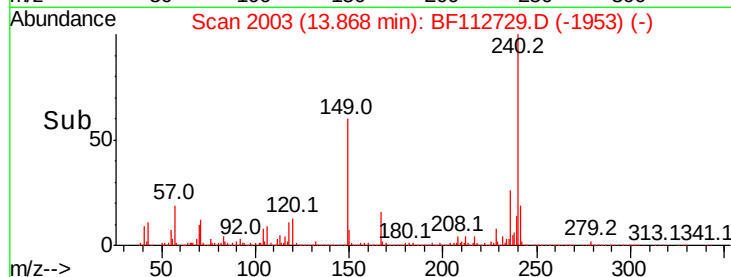
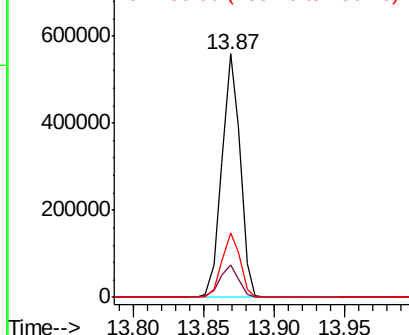
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF112729.D
 Acq: 27 Feb 2019 19:56

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-(0-2)

Tot Ion:240 Resp: 503195
 Ion Ratio Lower Upper
 240 100
 120 13.2 8.9 13.3
 236 26.3 20.7 31.1

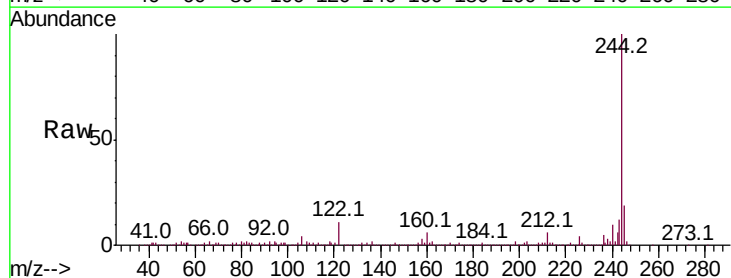


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

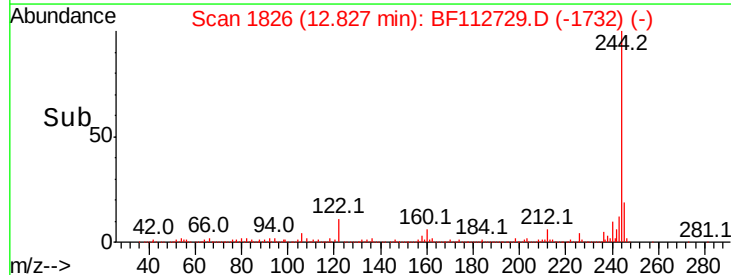
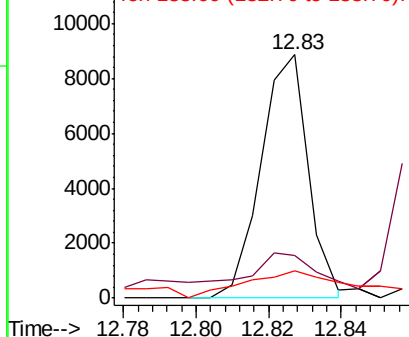


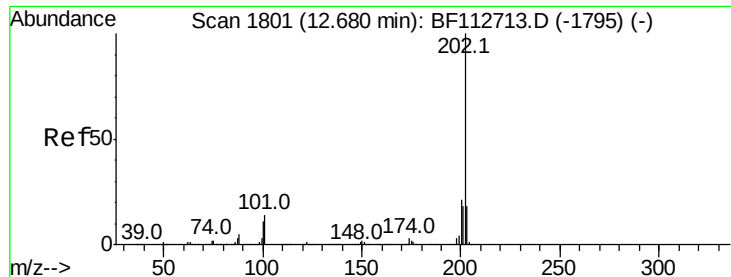
#77
 Benzidine
 Concen: 0.309 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. 0.25 min
 Lab File: BF112729.D
 Acq: 27 Feb 2019 19:56

Tgt Ion:184 Resp: 8073
 Ion Ratio Lower Upper
 184 100
 185 17.6 12.6 18.8
 183 11.1 8.6 12.8



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 185.00 (184.70 to 185.70): E
 Ion 183.00 (182.70 to 183.70): E





#78

Pvrene

Concen: 7.356 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.01 min

Lab File: BF112729.D

Acq: 27 Feb 2019 19:56

Instrument :

BNA_F

ClientSampleId :

SB-04-(0-2)

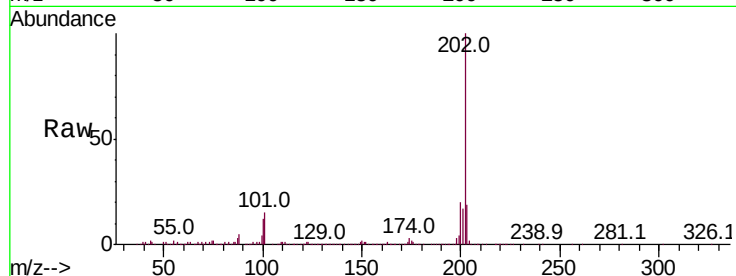
Tot Ion:202 Resp: 312062

Ion Ratio Lower Upper

202 100

200 20.4 17.0 25.4

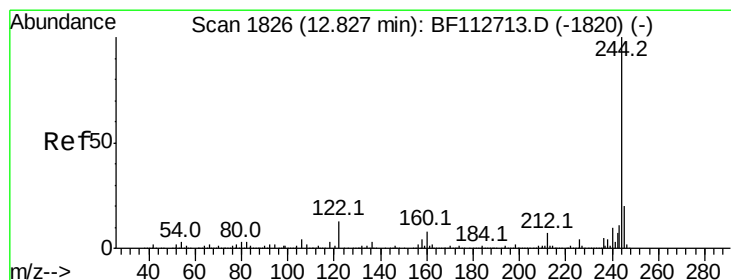
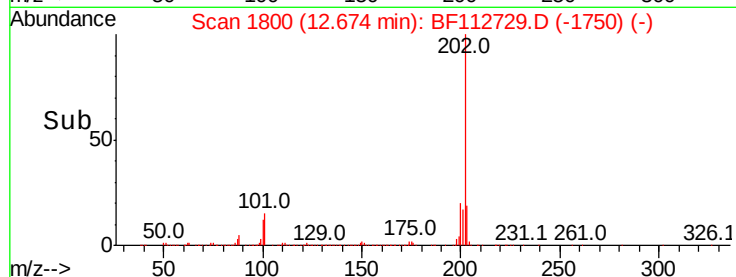
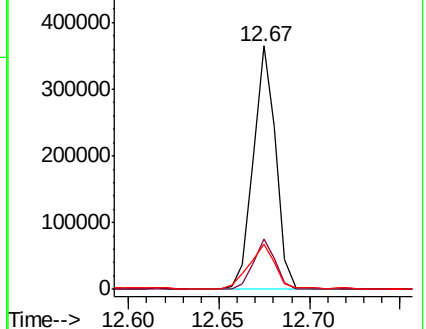
203 18.7 14.4 21.6



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: 23.532 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF112729.D

Acq: 27 Feb 2019 19:56

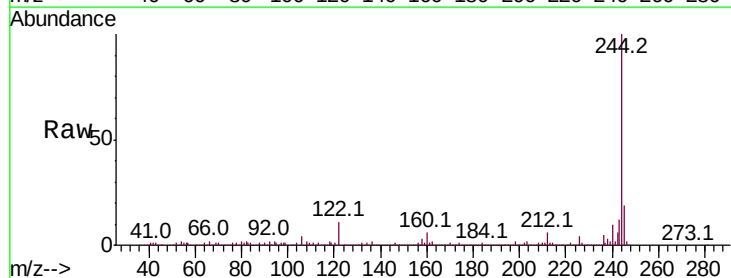
Tgt Ion:244 Resp: 610856

Ion Ratio Lower Upper

244 100

212 6.4 5.6 8.4

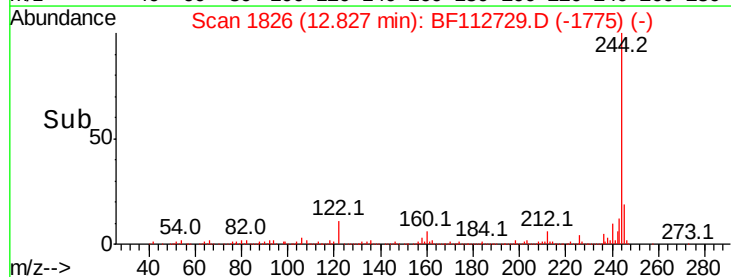
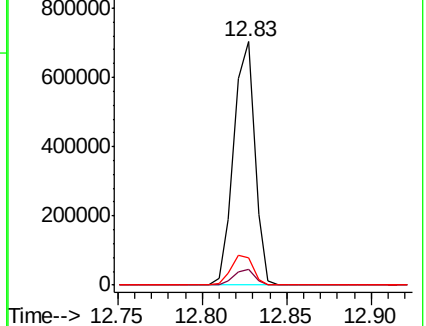
122 11.5 10.5 15.7

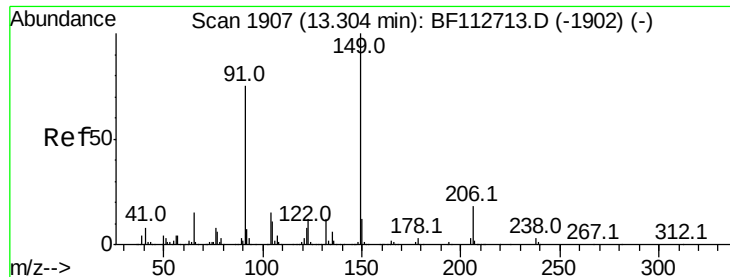


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

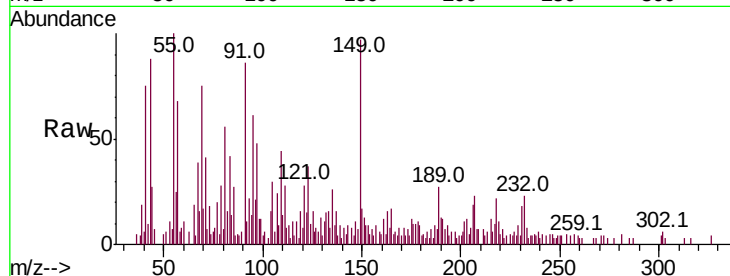




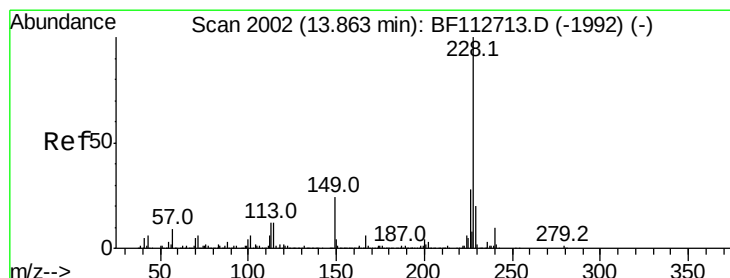
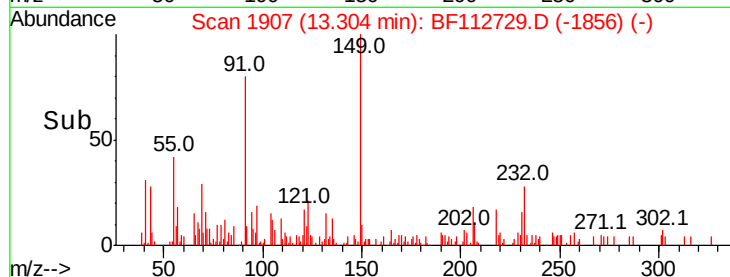
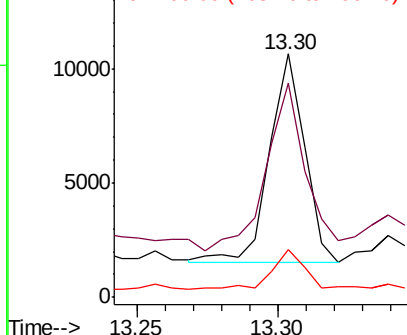
#80
Butylbenzylphthalate
Concen: 0.422 ng
RT: 13.30 min Scan# 1907
Delta R.T. 0.00 min
Lab File: BF112729.D
Acq: 27 Feb 2019 19:56

Instrument :
BNA_F
ClientSampled :
SB-04-(0-2)

Tot Ion	Ratio	Lower	Upper
149	100		
91	88.1	59.9	89.9
206	19.5	14.7	22.1

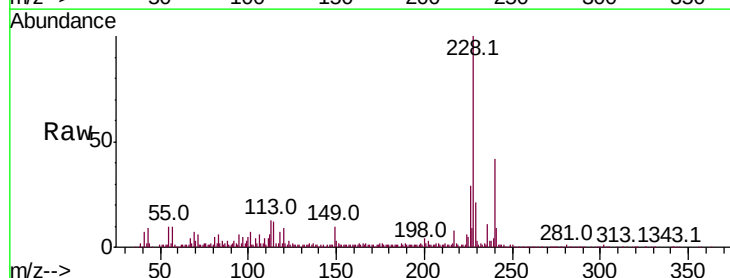


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

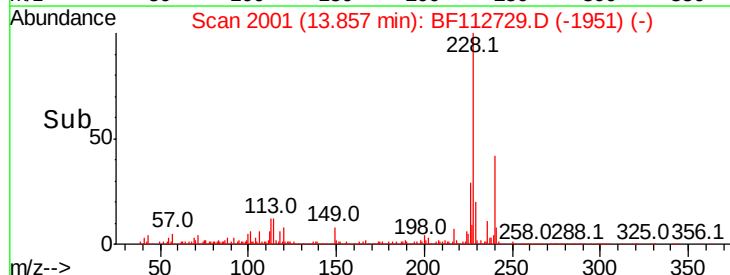
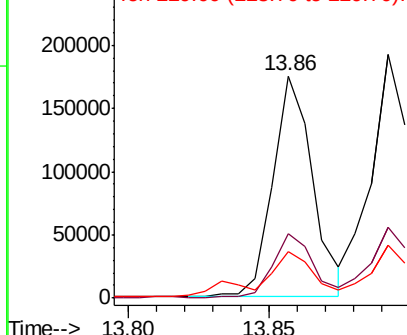


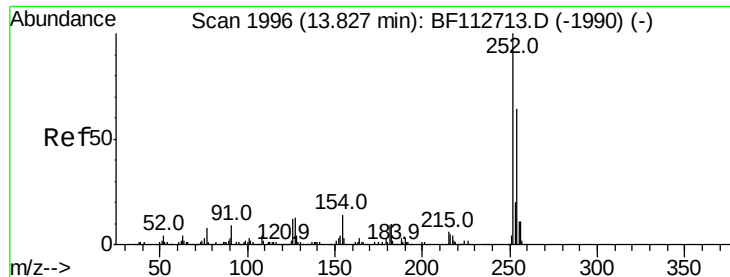
#81
Benzo(a)anthracene
Concen: 4.928 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF112729.D
Acq: 27 Feb 2019 19:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.2	33.4
229	21.0	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: 0.019 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF112729.D

Acq: 27 Feb 2019 19:56

Instrument :

BNA_F

ClientSampleId :

SB-04-(0-2)

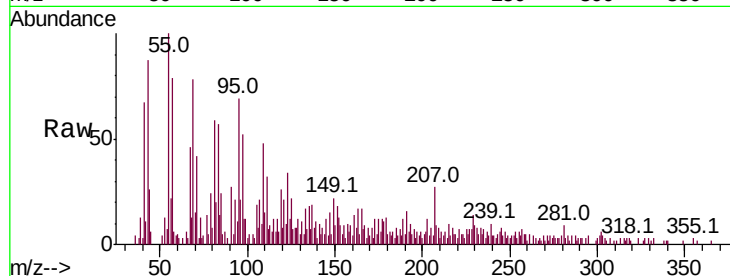
Tot Ion:252 Resp: 249

Ion Ratio Lower Upper

252 100

254 65.9 51.1 76.7

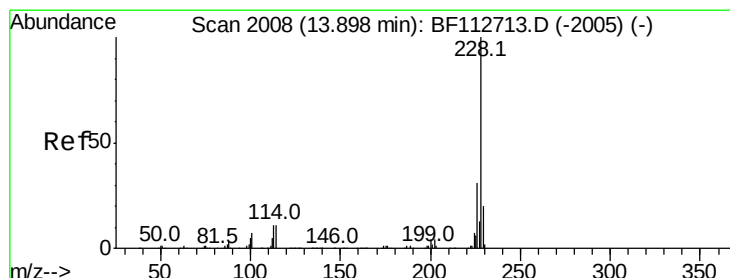
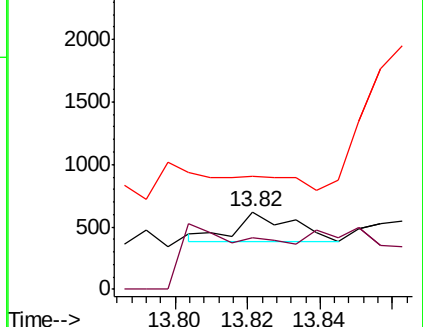
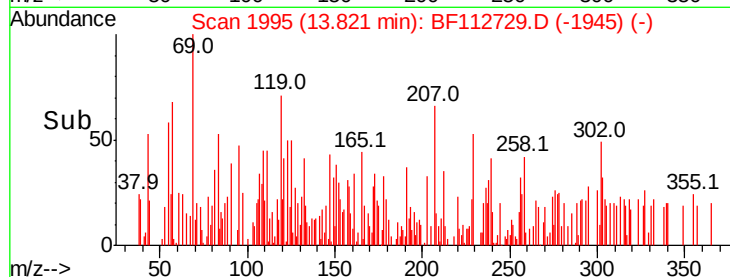
126 146.5 9.9 14.9#



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: 5.161 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF112729.D

Acq: 27 Feb 2019 19:56

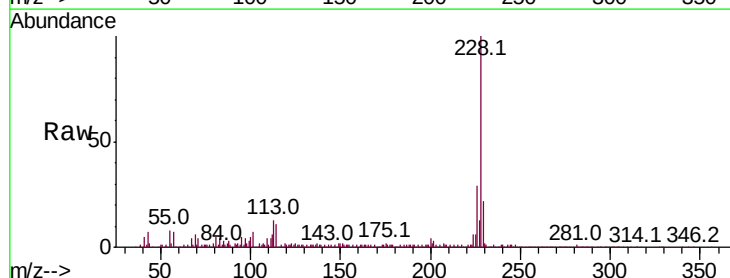
Tgt Ion:228 Resp: 176291

Ion Ratio Lower Upper

228 100

226 29.3 24.9 37.3

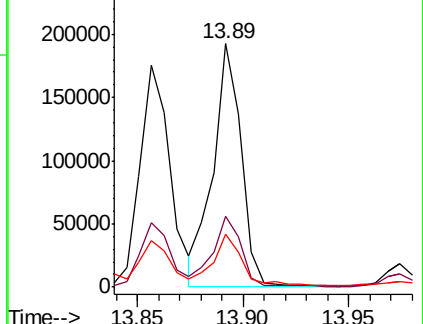
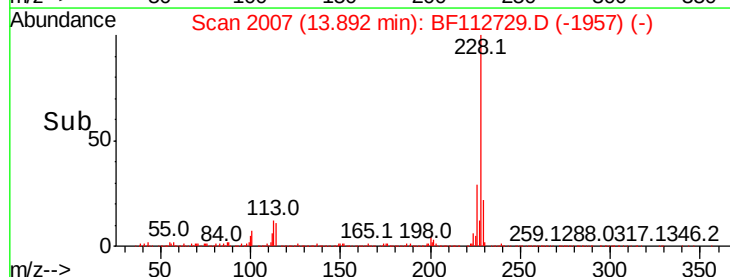
229 22.0 16.3 24.5

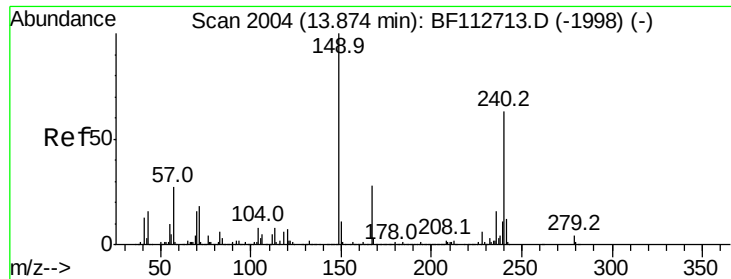


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 16.311 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BF112729.D

Acq: 27 Feb 2019 19:56

Instrument :

BNA_F

ClientSampleId :

SB-04-(0-2)

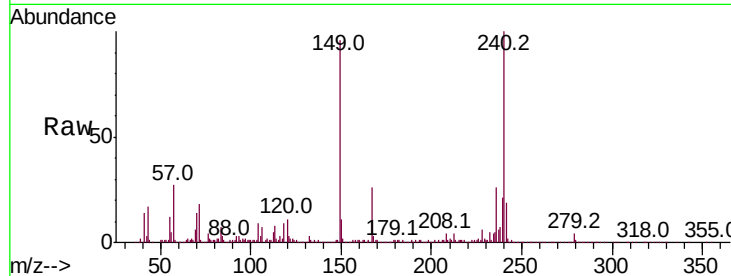
Tot Ion:149 Resp: 358234

Ion Ratio Lower Upper

149 100

167 27.1 22.4 33.6

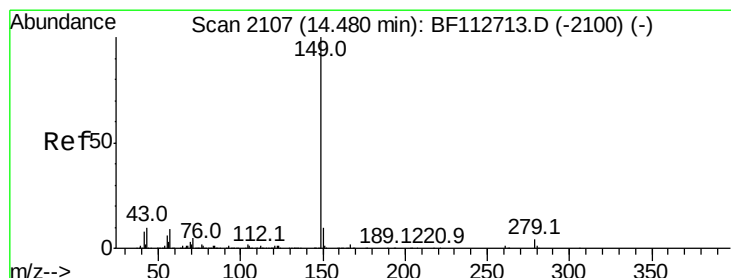
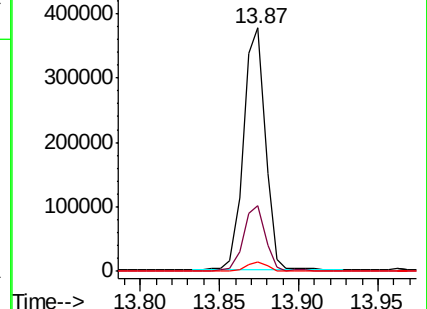
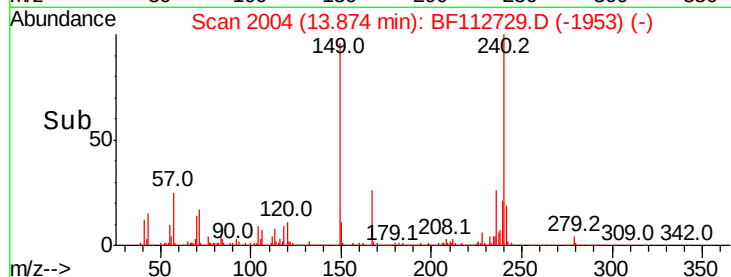
279 4.0 3.3 4.9



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: 0.858 ng

RT: 14.48 min Scan# 2107

Delta R.T. 0.00 min

Lab File: BF112729.D

Acq: 27 Feb 2019 19:56

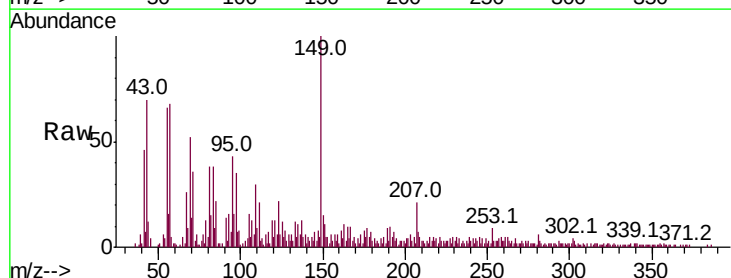
Tgt Ion:149 Resp: 32368

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

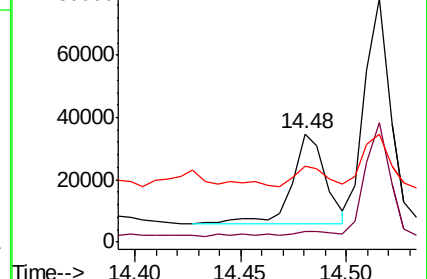
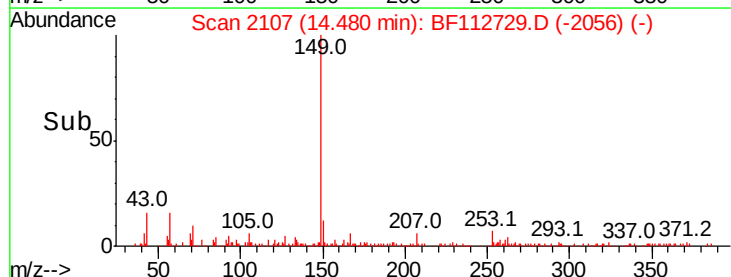
43 25.1 9.0 13.4#

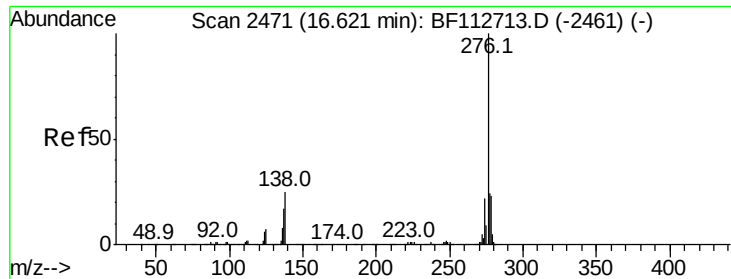


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

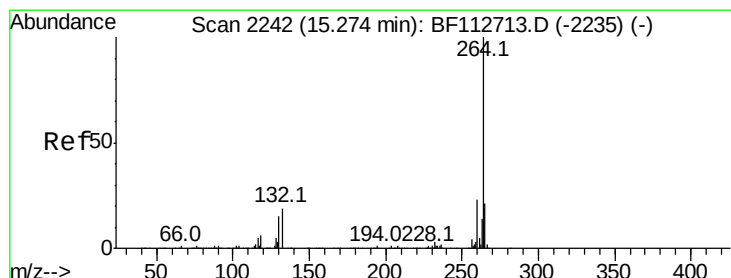
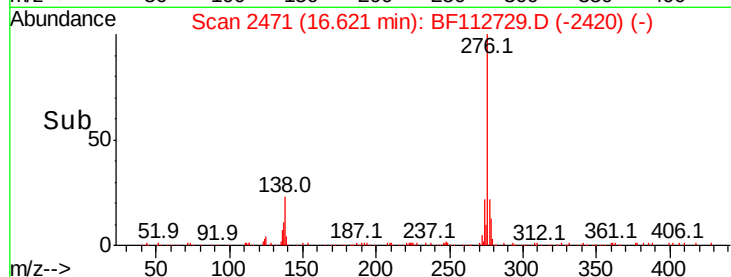
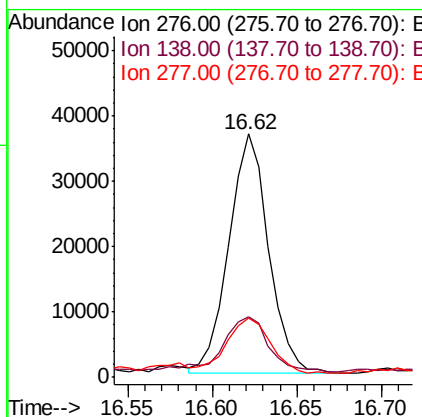
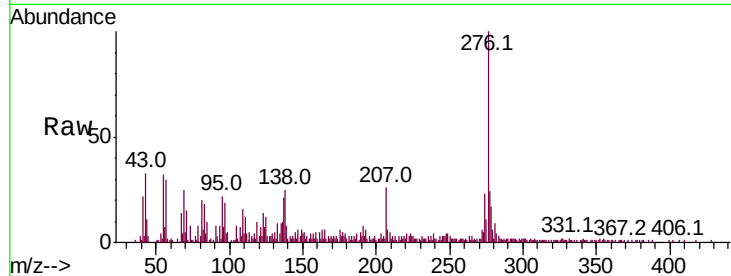




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 2.065 ng
 RT: 16.62 min Scan# 2471
 Delta R.T. 0.00 min
 Lab File: BF112729.D
 Acq: 27 Feb 2019 19:56

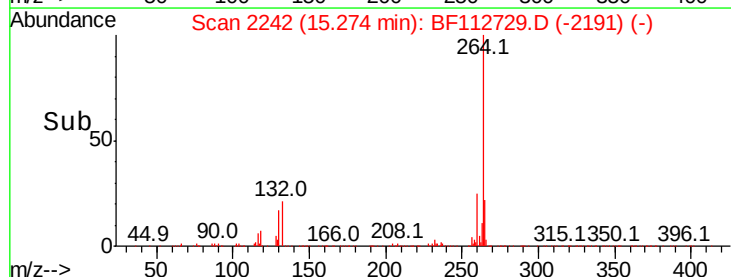
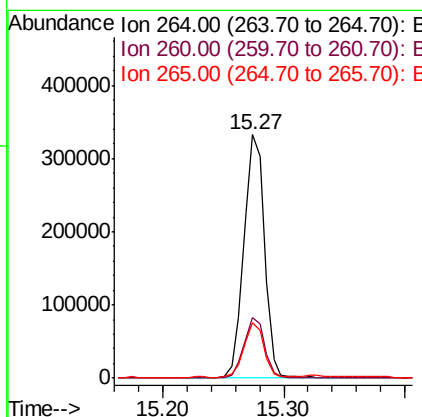
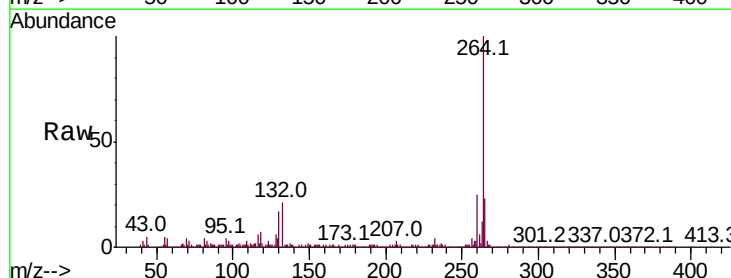
Instrument :
 BNA_F
 ClientSampleId :
 SB-04-(0-2)

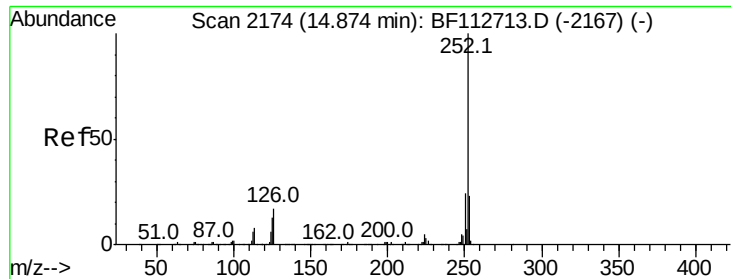
Tot Ion	Ratio	Lower	Upper
276	100		
138	27.9	23.2	34.8
277	25.4	19.9	29.9



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2242
 Delta R.T. 0.00 min
 Lab File: BF112729.D
 Acq: 27 Feb 2019 19:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.7	28.1
265	22.8	17.2	25.8





#88

Benzo(b)fluoranthene

Concen: 9.843 ng

RT: 14.87 min Scan# 2174

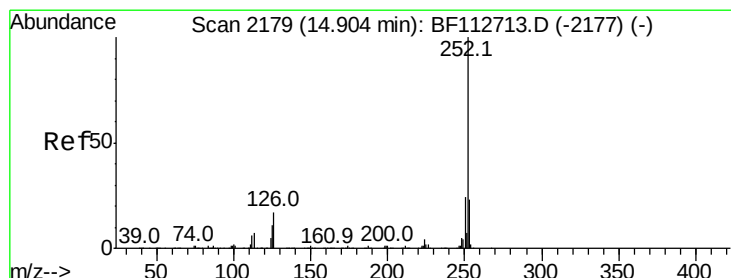
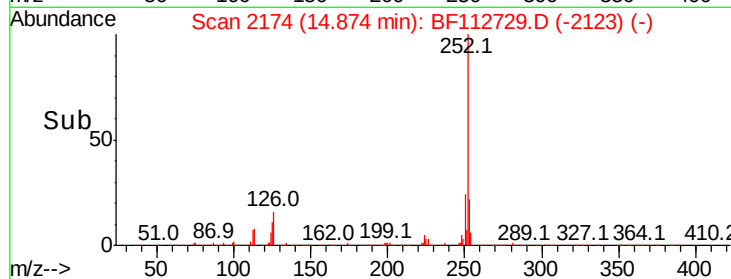
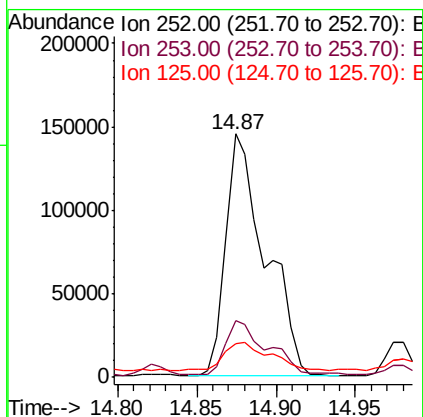
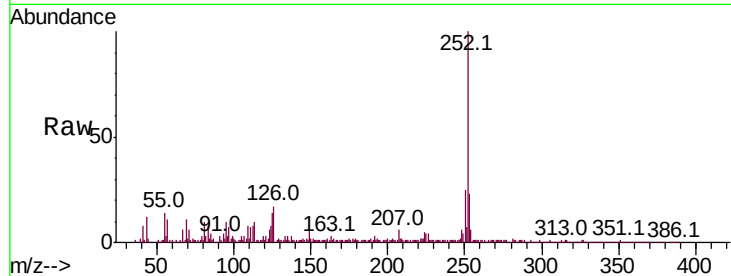
Delta R.T. 0.00 min

Lab File: BF112729.D

Acq: 27 Feb 2019 19:56

Instrument :
BNA_F
ClientSampleId :
SB-04-(0-2)

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.0	27.0
125	13.7	10.2	15.2



#89

Benzo(k)fluoranthene

Concen: 10.866 ng

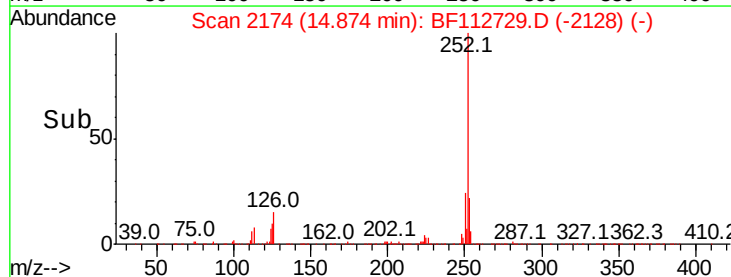
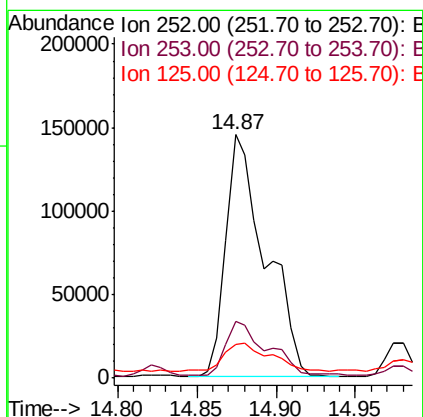
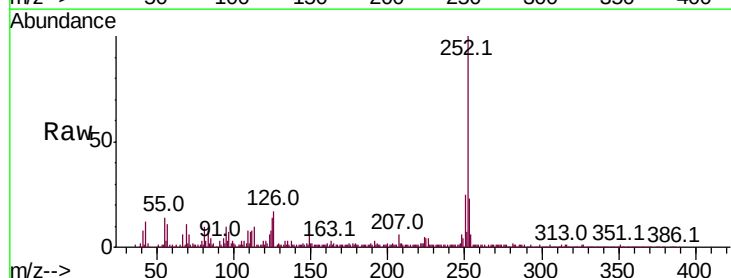
RT: 14.87 min Scan# 2174

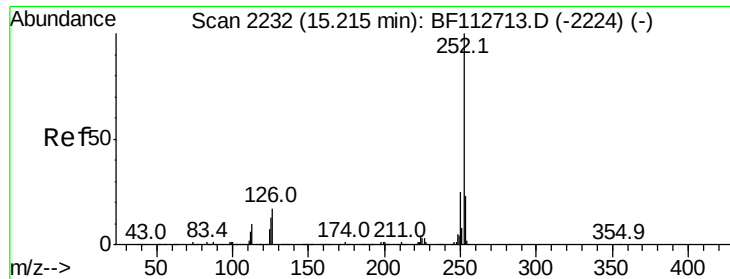
Delta R.T. -0.03 min

Lab File: BF112729.D

Acq: 27 Feb 2019 19:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.2	27.2
125	13.7	9.8	14.6

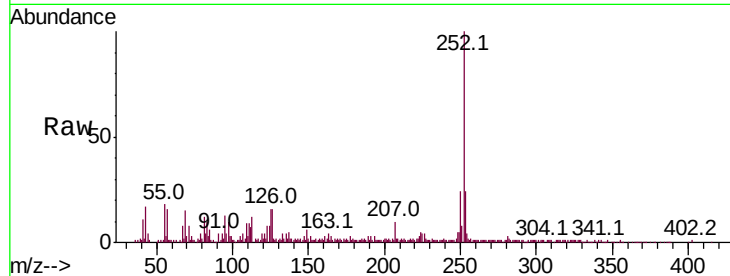




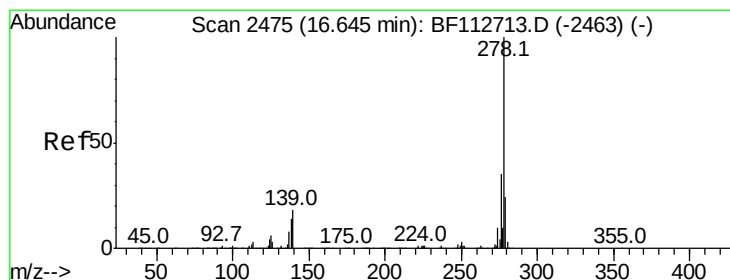
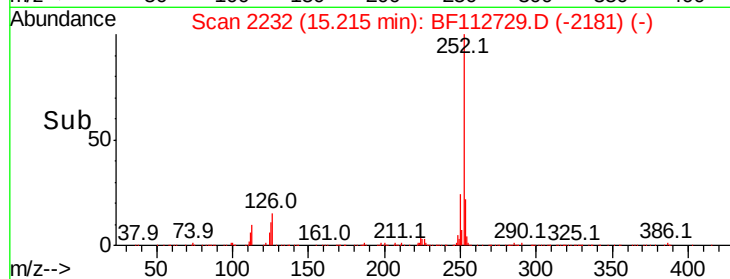
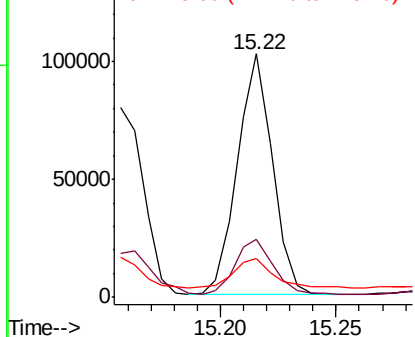
#90
Benzo(a)pyrene
Concen: 4.788 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BF112729.D
Acq: 27 Feb 2019 19:56

Instrument :
BNA_F
ClientSampleId :
SB-04-(0-2)

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.0	27.0
125	15.8	10.7	16.1

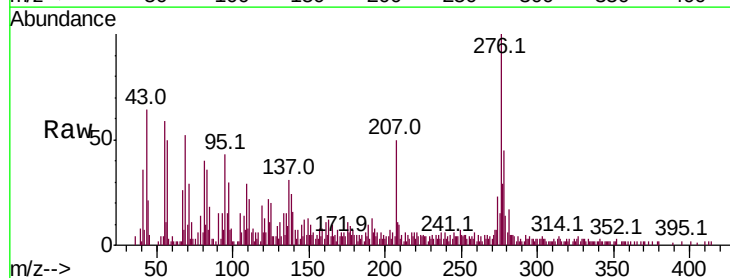


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

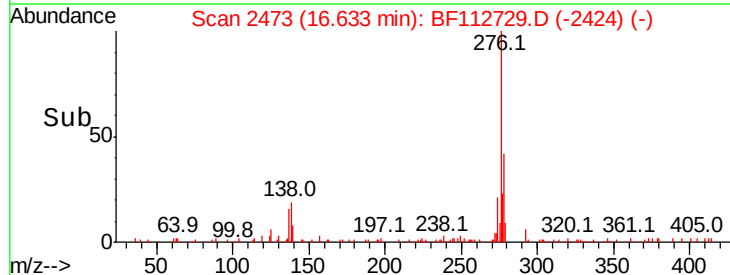
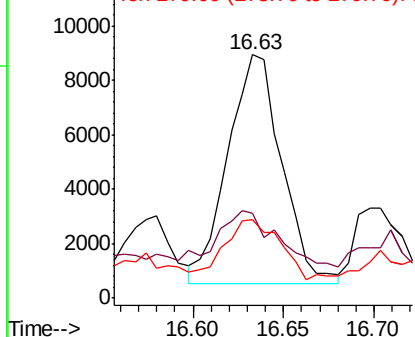


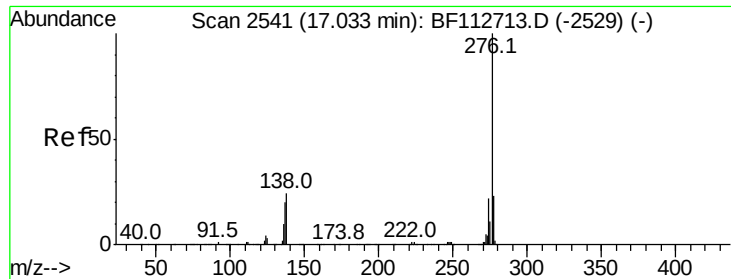
#91
Dibenzo(a,h)anthracene
Concen: 0.899 ng
RT: 16.63 min Scan# 2473
Delta R.T. -0.01 min
Lab File: BF112729.D
Acq: 27 Feb 2019 19:56

Tgt Ion	Ratio	Lower	Upper
278	100		
139	35.0	14.3	21.5#
279	32.5	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

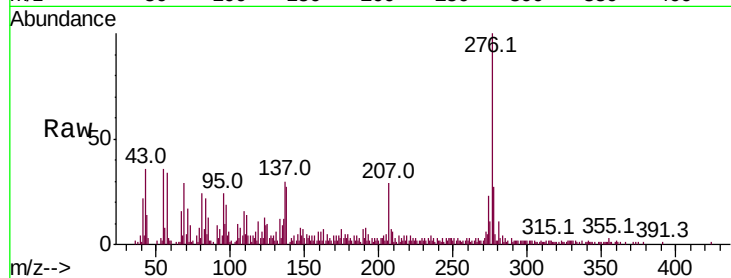




#92
 Benzo(a,h,i)perylene
 Concen: 2.895 ng
 RT: 17.03 min Scan# 2540
 Delta R.T. -0.01 min
 Lab File: BF112729.D
 Acq: 27 Feb 2019 19:56

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-(0-2)

Tot Ion	Ratio	Lower	Upper
276	100		
277	26.7	18.6	27.8
138	26.7	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

