

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021319\
 Data File : BF112551.D
 Acq On : 13 Feb 2019 21:01
 Operator : JU/SJ
 Sample : K1458-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3

Quant Time: Feb 14 04:16:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	106423	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	388953	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	165961	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	274904	20.00	ng	0.00
76) Chrysene-d12	14.02	240	217804	20.00	ng	0.00
87) Perylene-d12	15.50	264	155382	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	644006	128.54	ng	0.00
7) Phenol-d6	6.49	99	809170	116.22	ng	0.00
23) Nitrobenzene-d5	7.40	82	494760	73.29	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	181890	94.16	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	847723	72.24	ng	-0.01
79) Terphenyl-d14	12.94	244	662774	57.31	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Aniline	6.50	93	121	0.015	ng	# 1
9) Benzaldehyde	6.49	77	1247	0.343	ng	# 1
10) Phenol	6.50	94	13180	1.726	ng	# 44
11) bis(2-Chloroethyl)ether	6.62	93	918	0.153	ng	# 1
15) Benzyl Alcohol	6.99	79	8318	1.417	ng	# 45
19) n-Nitroso-di-n-propylamine	7.40	70	67050	13.967	ng	# 77
24) Nitrobenzene	7.40	77	1383	0.205	ng	# 39
25) Isophorone	7.40	82	494757	46.720	ng	# 63
31) Naphthalene	8.14	128	301	0.017	ng	# 67
37) 2-Methylnaphthalene	8.84	142	135	0.011	ng	# 15
38) 1-Methylnaphthalene	8.84	142	135	0.011	ng	# 7
46) 1,1'-Biphenyl	9.30	154	1336	0.092	ng	# 81
48) 2-Nitroaniline	9.59	65	540	0.176	ng	# 1
49) Acenaphthylene	9.74	152	403	0.024	ng	# 59
50) Dimethylphthalate	9.59	163	65550	5.084	ng	100
51) 2,6-Dinitrotoluene	9.87	165	20765	7.191	ng	# 34
52) Acenaphthene	9.91	154	130	0.013	ng	# 72
57) 2,4-Dinitrotoluene	9.87	165	20765	5.648	ng	# 32
58) Fluorene	10.67	166	7154	0.635	ng	# 83
60) Diethylphthalate	10.28	149	535	0.042	ng	# 58
63) Azobenzene	10.67	77	931	0.083	ng	# 21
65) 4,6-Dinitro-2-methylphenol	10.67	198	110	0.071	ng	# 1
66) n-Nitrosodiphenylamine	10.67	169	5554	0.599	ng	# 49
67) 4-Bromophenyl-phenylether	10.67	248	11261	3.483	ng	# 1
71) Phenanthrene	11.39	178	2777	0.194	ng	# 93
72) Anthracene	11.45	178	532	0.037	ng	# 60
74) Di-n-butylphthalate	11.92	149	621	0.036	ng	# 77
75) Fluoranthene	12.59	202	4207	0.274	ng	# 92
77) Benzidine	12.94	184	9572	1.597	ng	# 95
78) Pyrene	12.82	202	3870	0.257	ng	# 95
80) Butylbenzylphthalate	13.39	149	350	0.048	ng	# 53
81) Benzo(a)anthracene	14.00	228	2803	0.219	ng	# 59
82) 3,3'-Dichlorobenzidine	13.97	252	219	0.046	ng	# 1
83) Chrysene	14.04	228	2508	0.205	ng	# 67

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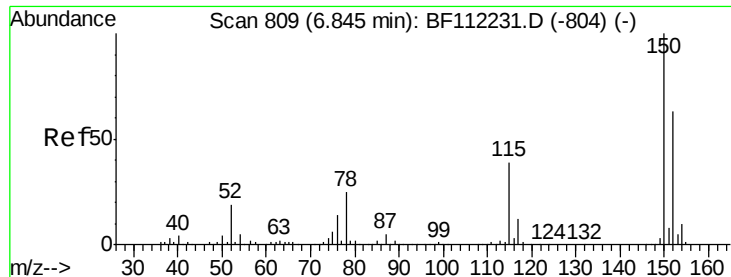
Quant Time: Feb 14 04:16:14 2019
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QLast Update : Mon Jan 28 10:38:18 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) Bis(2-ethylhexyl)phthalate	13.97	149	5241	0.506	ng	# 91
85) Di-n-octyl phthalate	14.57	149	801	0.050	ng	# 64
86) Indeno(1,2,3-cd)pyrene	16.96	276	196	0.020	ng	# 1
88) Benzo(b)fluoranthene	15.07	252	3916	0.421	ng	# 1
89) Benzo(k)fluoranthene	15.12	252	584	0.066	ng	# 1
90) Benzo(a)pyrene	15.44	252	1624	0.194	ng	# 1
91) Dibenzo(a,h)anthracene	17.00	278	251	0.037	ng	# 1
92) Benzo(g,h,i)perylene	17.41	276	544	0.086	ng	# 1

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

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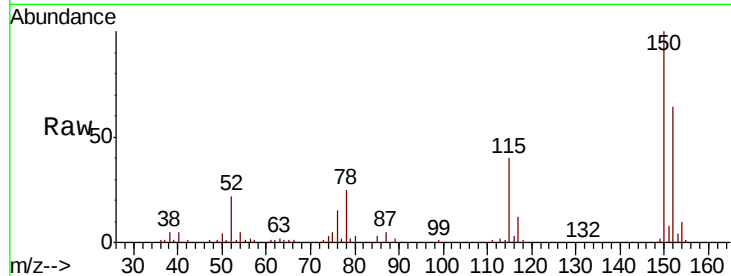


#1

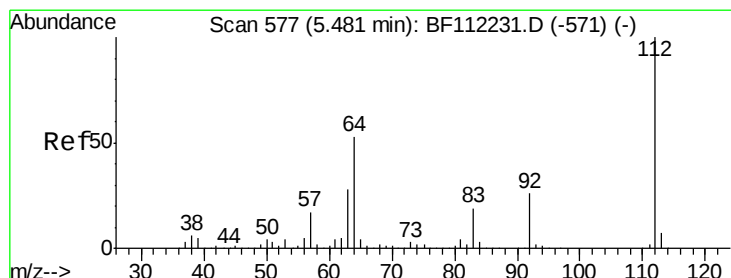
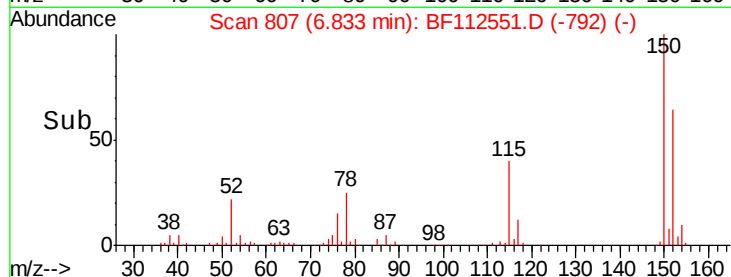
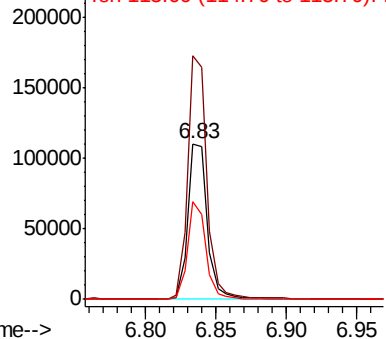
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112551.D
Acq: 13 Feb 2019 21:01

Instrument :
BNA_F
ClientSampled :
SB-3

Tgt Ion:152 Resp: 106423
Ion Ratio Lower Upper
152 100
150 156.6 127.4 191.0
115 62.8 45.5 68.3



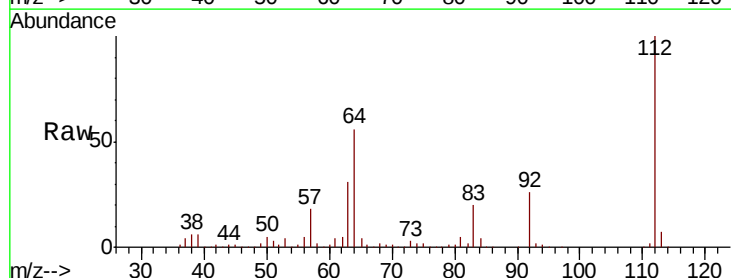
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



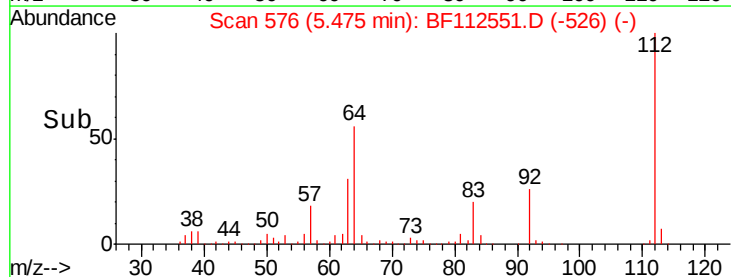
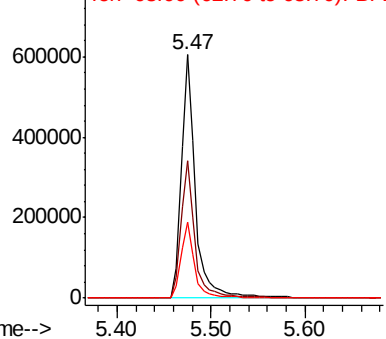
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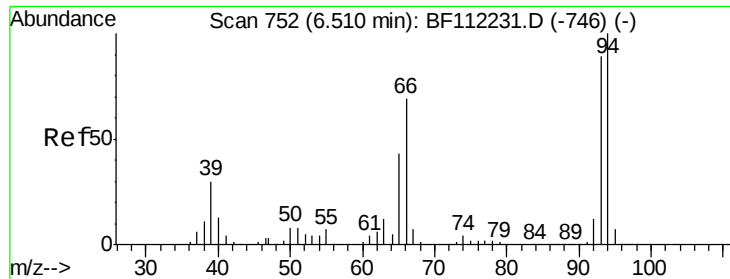
2-Fluorophenol
Concen: 128.535 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112551.D
Acq: 13 Feb 2019 21:01

Tgt Ion:112 Resp: 644006
Ion Ratio Lower Upper
112 100
64 56.3 45.7 68.5
63 31.2 23.6 35.4



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: 0.015 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112551.D

Acq: 13 Feb 2019 21:01

Instrument :

BNA_F

ClientSampleId :

SB-3

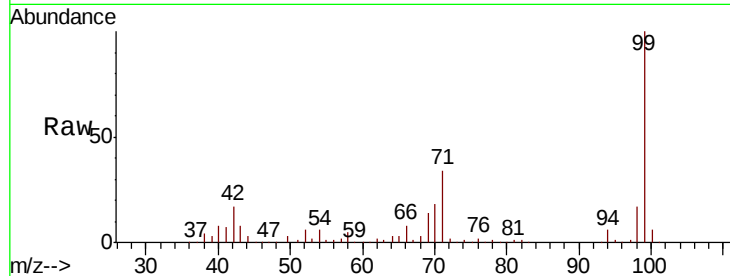
Tgt Ion: 93 Resp: 121

Ion Ratio Lower Upper

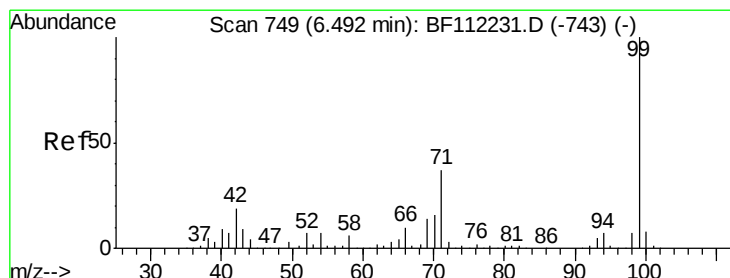
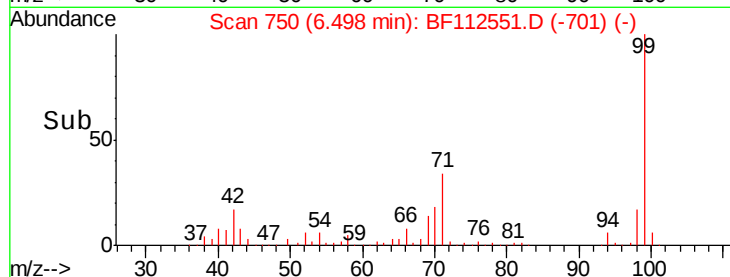
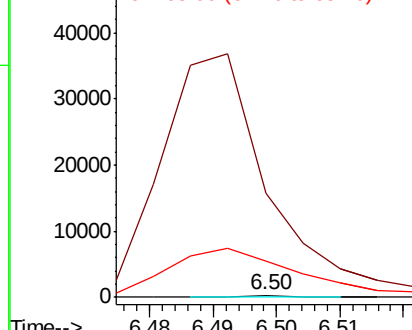
93 100

66 4565.4 43.4 65.2#

65 1619.5 25.3 37.9#



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: 116.224 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF112551.D

Acq: 13 Feb 2019 21:01

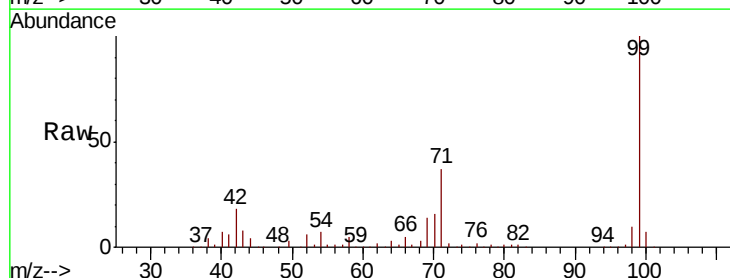
Tgt Ion: 99 Resp: 809170

Ion Ratio Lower Upper

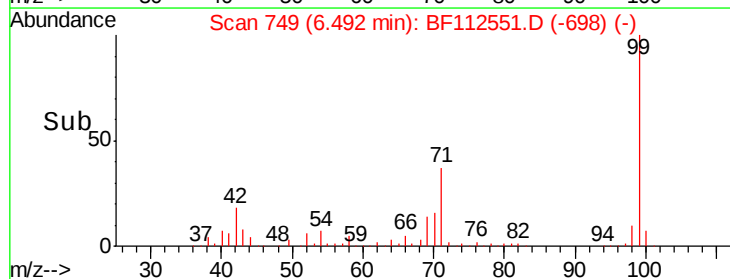
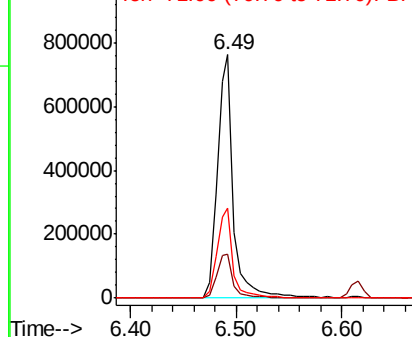
99 100

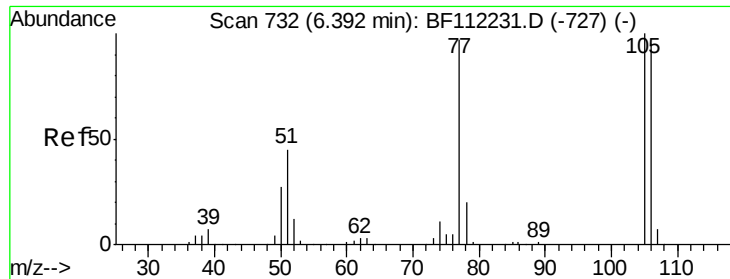
42 18.0 15.1 22.7

71 36.8 26.9 40.3



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: 0.343 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.09 min

Lab File: BF112551.D

Acq: 13 Feb 2019 21:01

Instrument :

BNA_F

ClientSampleId :

SB-3

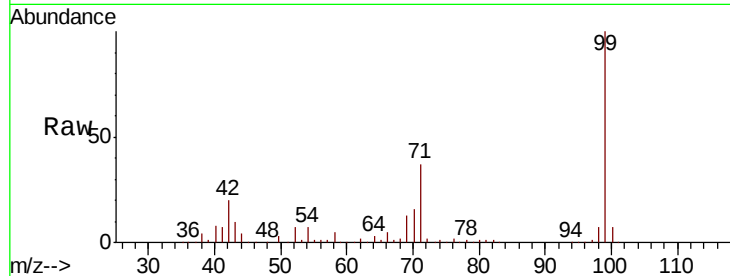
Tgt Ion: 77 Resp: 1247

Ion Ratio Lower Upper

77 100

105 0.0 80.8 120.8#

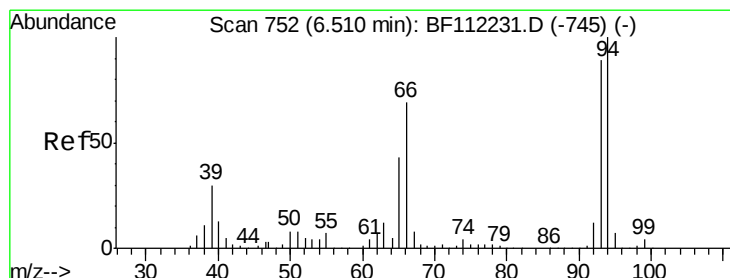
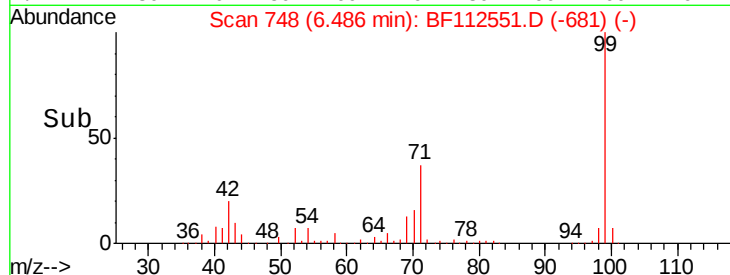
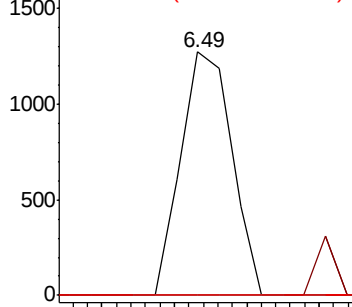
106 0.0 75.7 115.7#



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: 1.726 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112551.D

Acq: 13 Feb 2019 21:01

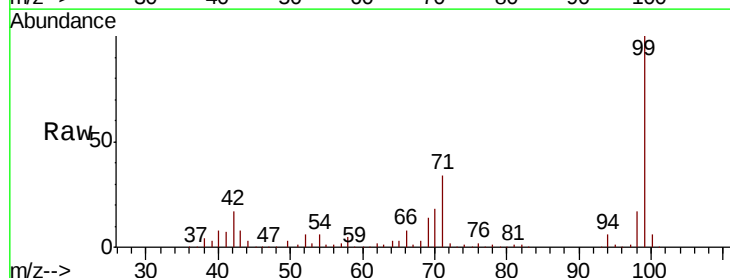
Tgt Ion: 94 Resp: 13180

Ion Ratio Lower Upper

94 100

65 45.8 20.3 60.3

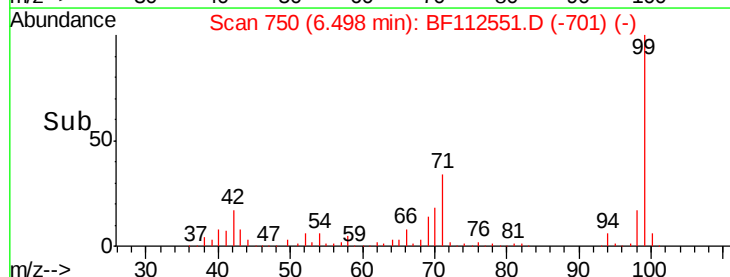
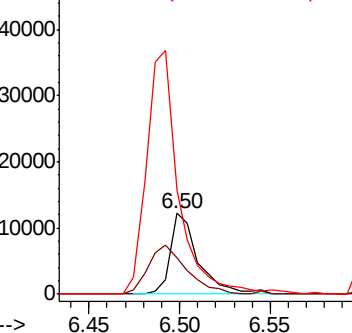
66 129.1 42.4 82.4#

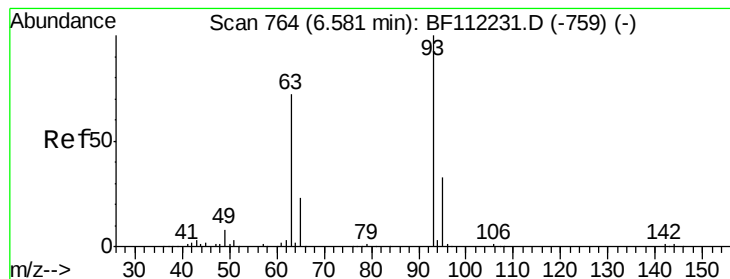


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 0.153 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.04 min

Lab File: BF112551.D

Acq: 13 Feb 2019 21:01

Instrument :

BNA_F

ClientSampleId :

SB-3

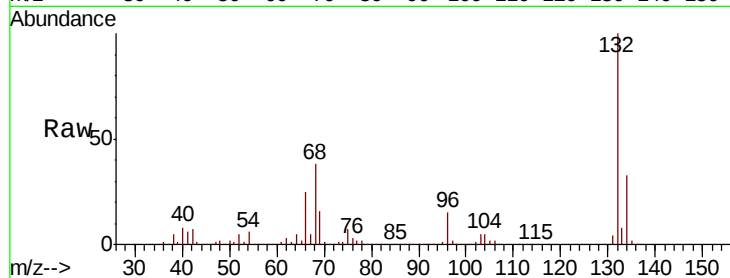
Tgt Ion: 93 Resp: 918

Ion Ratio Lower Upper

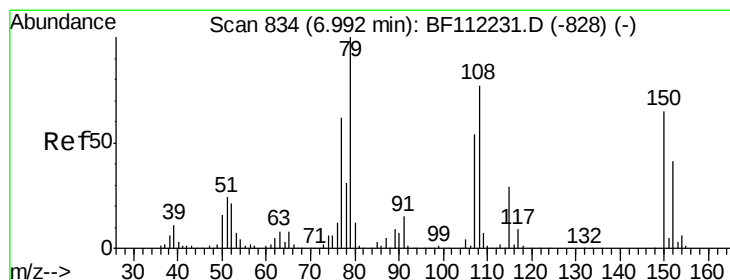
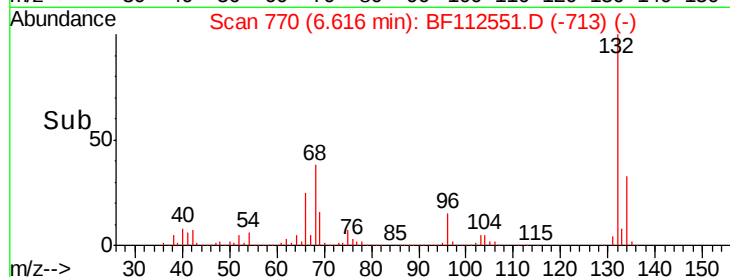
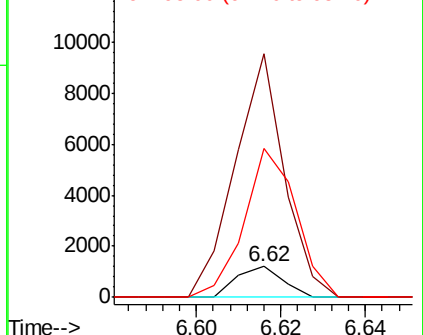
93 100

63 793.5 53.3 93.3#

95 486.1 13.4 53.4#



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: 1.417 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.00 min

Lab File: BF112551.D

Acq: 13 Feb 2019 21:01

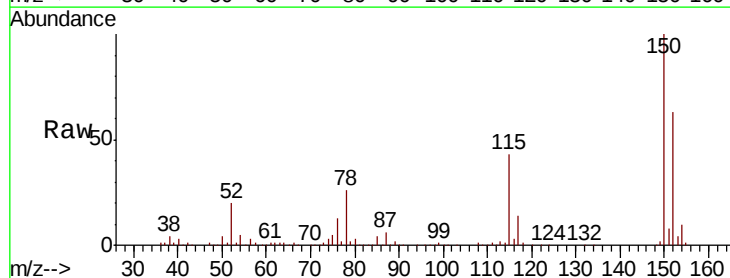
Tgt Ion: 79 Resp: 8318

Ion Ratio Lower Upper

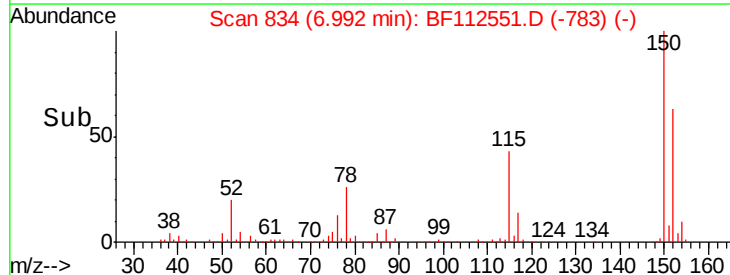
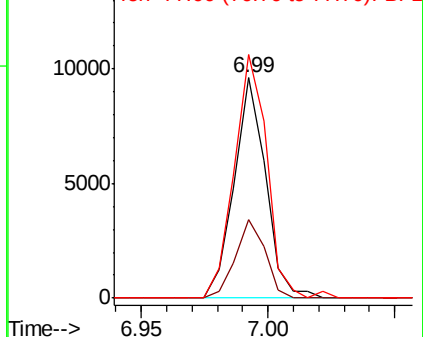
79 100

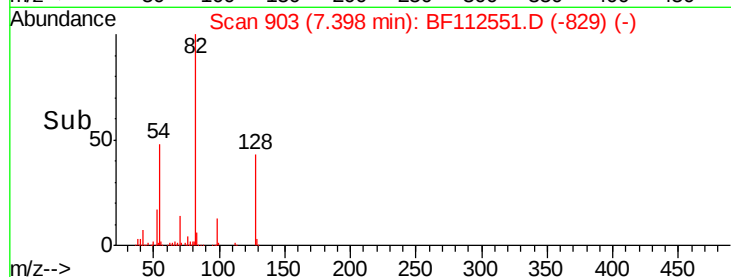
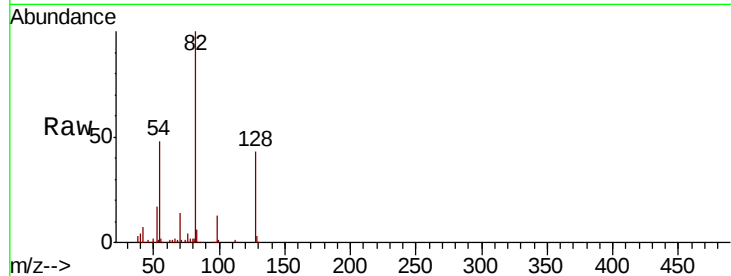
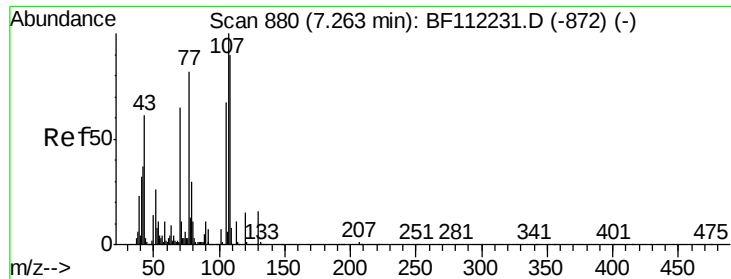
108 35.7 64.2 96.2#

77 110.4 50.3 75.5#



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

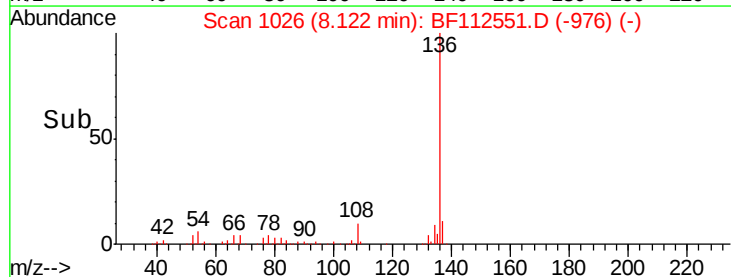
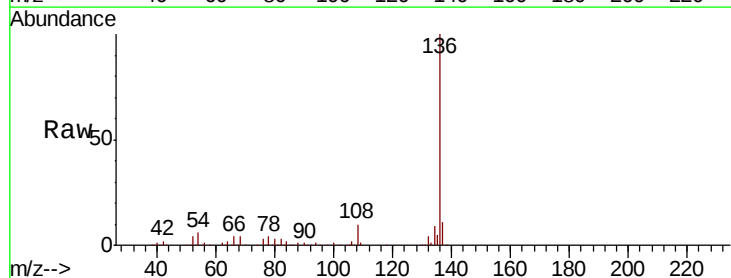
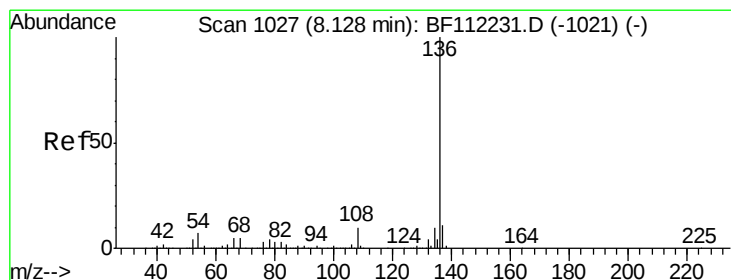
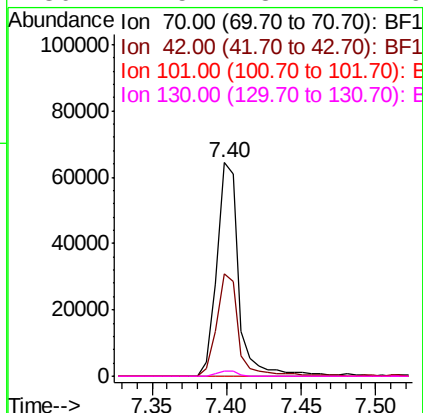




#19
n-Nitroso-di-n-propylamine
Concen: 13.967 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.14 min
Lab File: BF112551.D
Acq: 13 Feb 2019 21:01

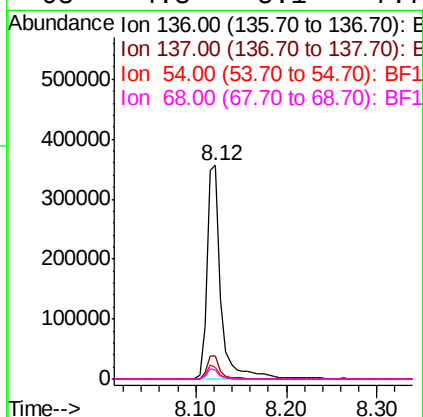
Instrument :
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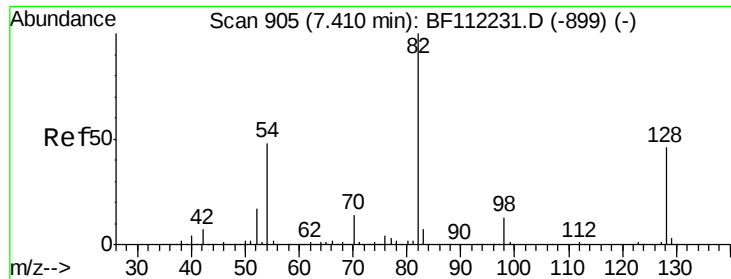
Tgt Ion	Ratio	Lower	Upper
70	100		
42	48.0	47.6	71.4
101	0.0	7.9	11.9#
130	2.5	18.4	27.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF112551.D
Acq: 13 Feb 2019 21:01

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	5.6	5.9	8.9#
68	4.3	5.1	7.7#

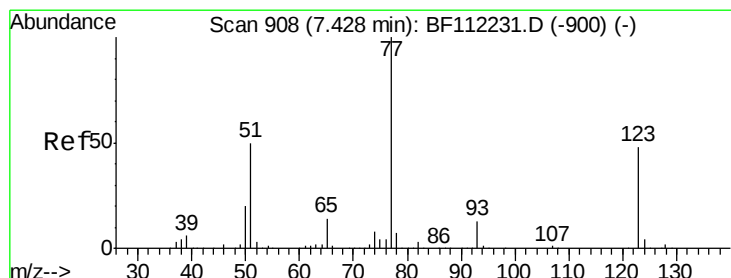
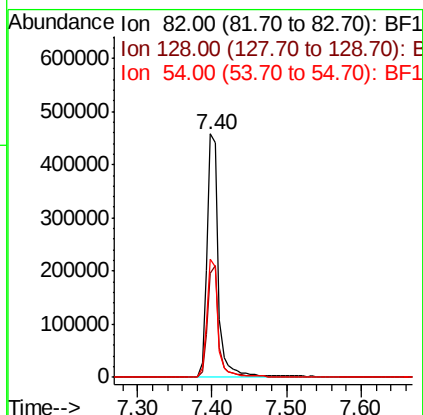
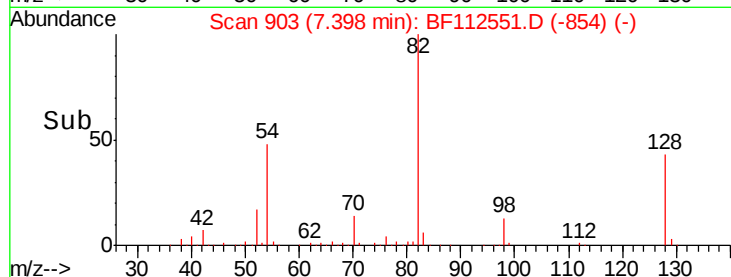
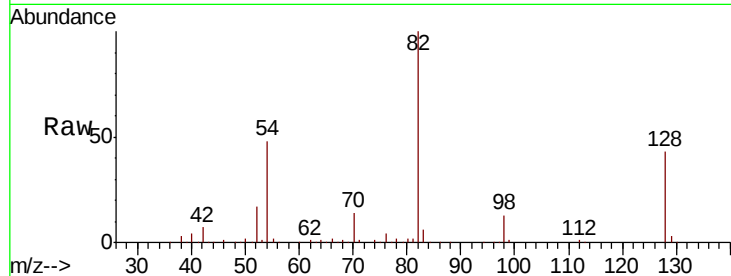




#23
 Nitrobenzene-d5
 Concen: 73.294 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF112551.D
 Acq: 13 Feb 2019 21:01

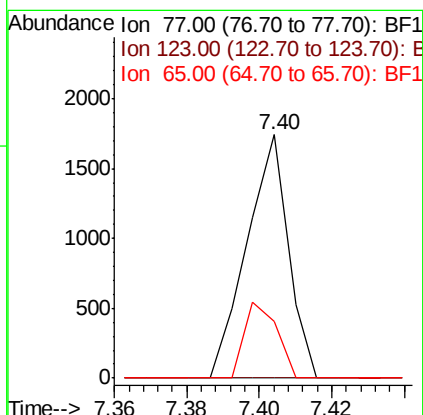
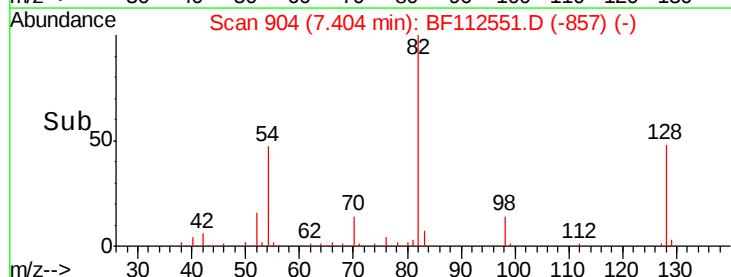
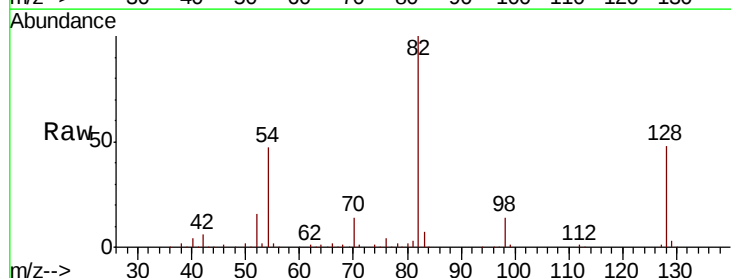
Instrument :
 BNA_F
 ClientSampleId :
 SB-3

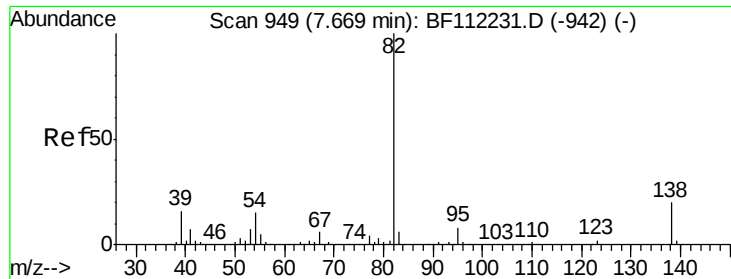
Tgt Ion: 82 Resp: 494760
 Ion Ratio Lower Upper
 82 100
 128 42.6 37.8 56.8
 54 48.5 39.7 59.5



#24
 Nitrobenzene
 Concen: 0.205 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BF112551.D
 Acq: 13 Feb 2019 21:01

Tgt Ion: 77 Resp: 1383
 Ion Ratio Lower Upper
 77 100
 123 0.0 38.4 57.6#
 65 23.1 10.6 15.8#

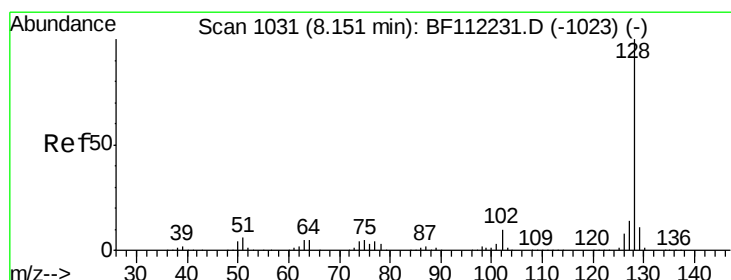
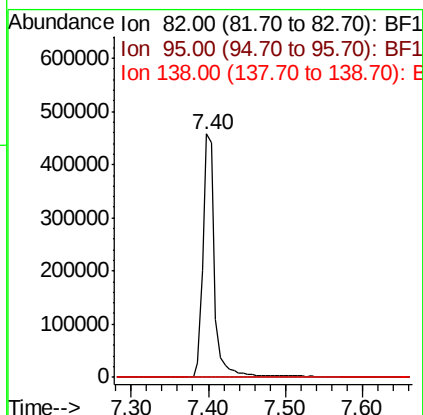
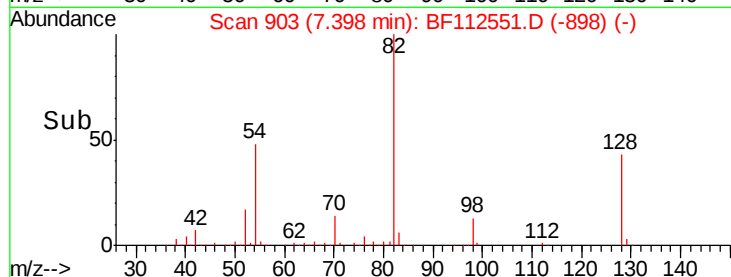
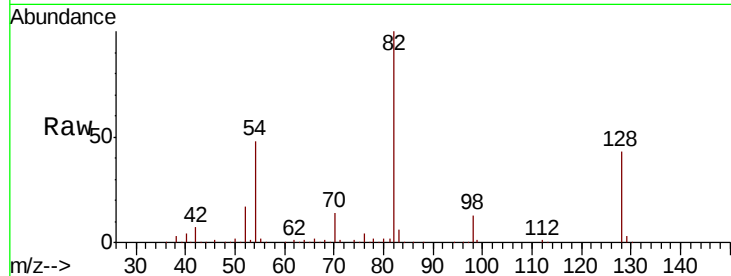




#25
Isophorone
Concen: 46.720 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.27 min
Lab File: BF112551.D
Acq: 13 Feb 2019 21:01

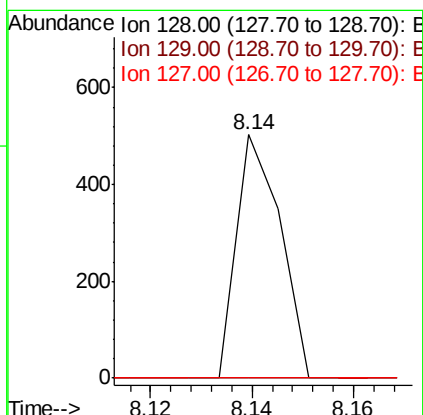
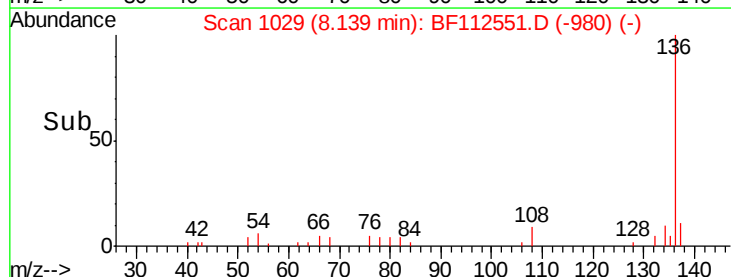
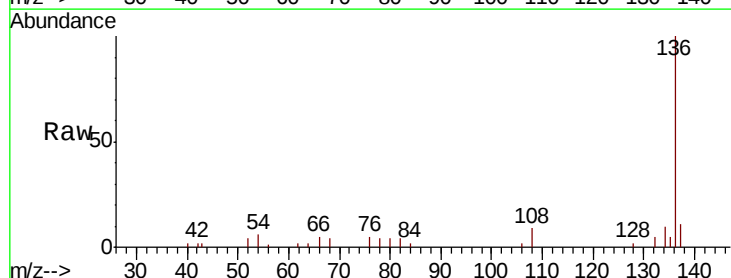
Instrument :
BNA_F
ClientSampleId :
SB-3

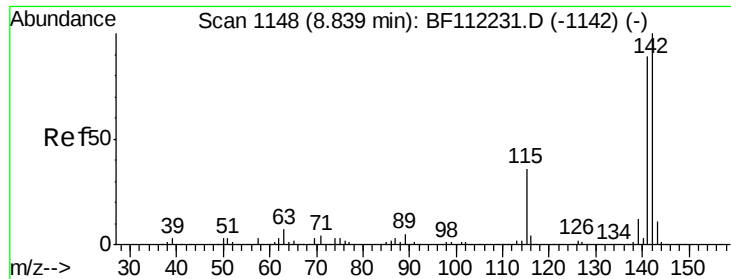
Tgt Ion: 82 Resp: 494757
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.4 23.0#



#31
Naphthalene
Concen: 0.017 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF112551.D
Acq: 13 Feb 2019 21:01

Tgt Ion: 128 Resp: 301
Ion Ratio Lower Upper
128 100
129 0.0 9.6 14.4#
127 0.0 11.1 16.7#

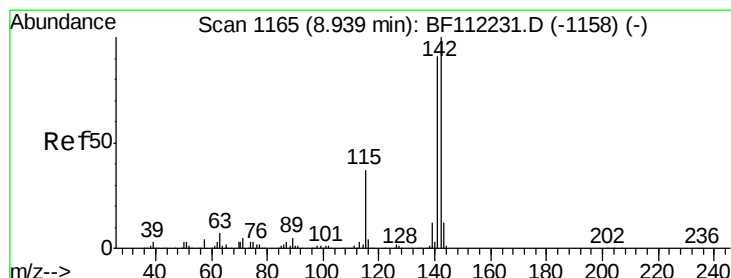
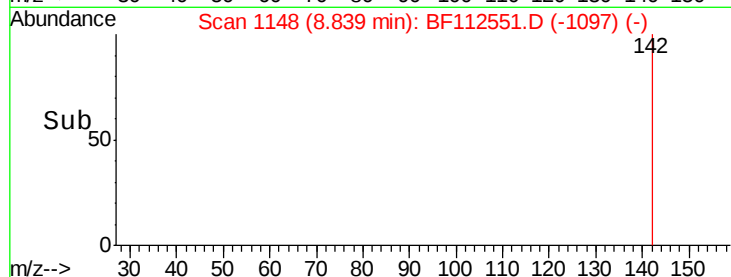
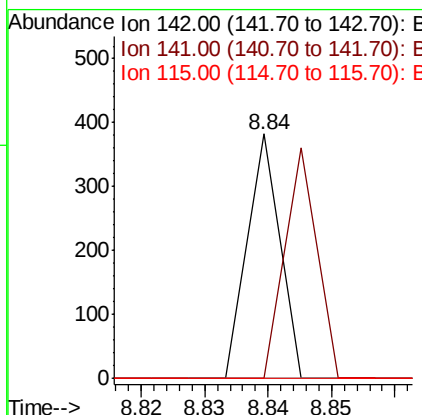
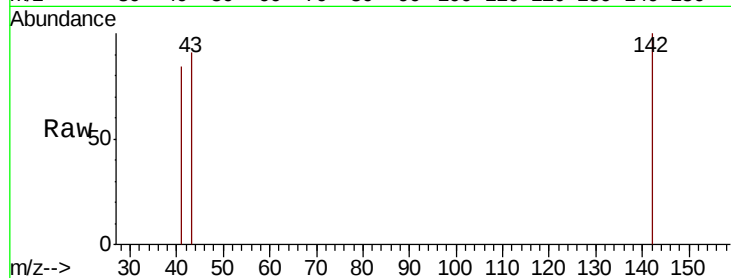




#37
 2-Methylnaphthalene
 Concen: 0.011 ng
 RT: 8.84 min Scan# 1148
 Delta R.T. -0.00 min
 Lab File: BF112551.D
 Acq: 13 Feb 2019 21:01

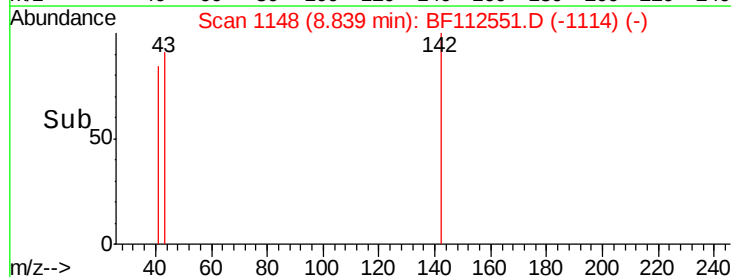
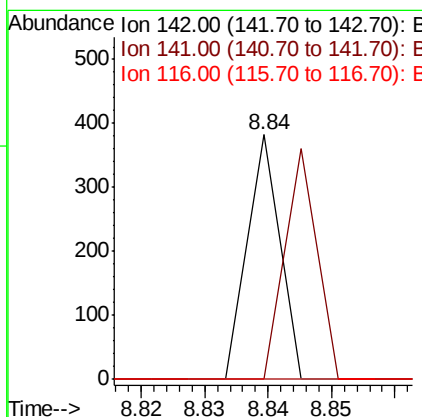
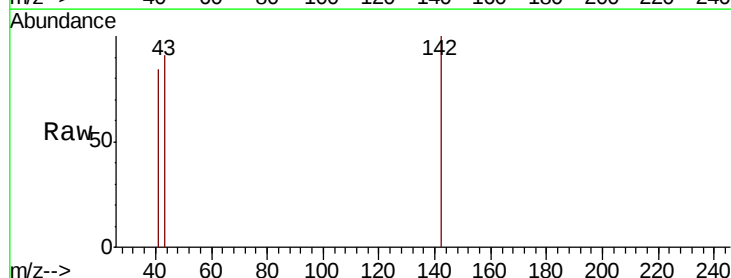
Instrument :
 BNA_F
 ClientSampleId :
 SB-3

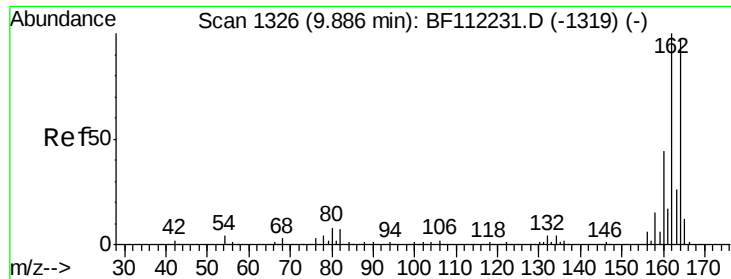
Tgt Ion:142 Resp: 135
 Ion Ratio Lower Upper
 142 100
 141 0.0 70.9 106.3#
 115 0.0 24.9 37.3#



#38
 1-Methylnaphthalene
 Concen: 0.011 ng
 RT: 8.84 min Scan# 1148
 Delta R.T. -0.10 min
 Lab File: BF112551.D
 Acq: 13 Feb 2019 21:01

Tgt Ion:142 Resp: 135
 Ion Ratio Lower Upper
 142 100
 141 0.0 72.6 108.8#
 116 0.0 2.8 4.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF112551.D

Acq: 13 Feb 2019 21:01

Instrument :

BNA_F

ClientSampleId :

SB-3

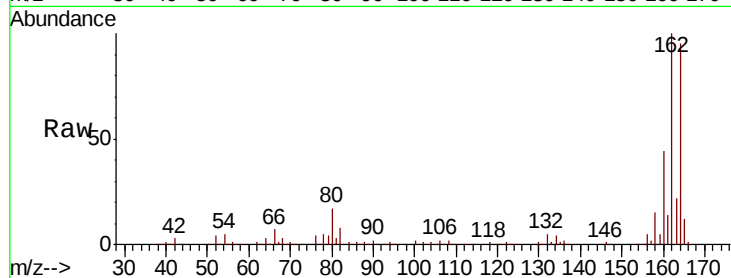
Tgt Ion:164 Resp: 165961

Ion Ratio Lower Upper

164 100

162 104.8 82.2 123.4

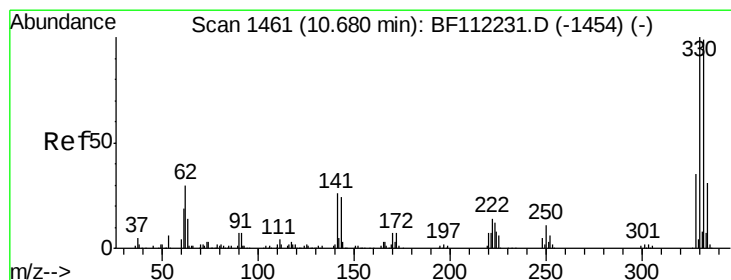
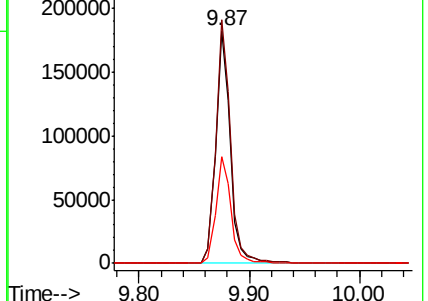
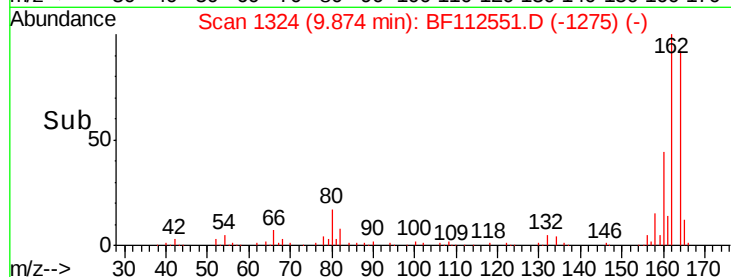
160 45.8 36.2 54.4



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: 94.159 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BF112551.D

Acq: 13 Feb 2019 21:01

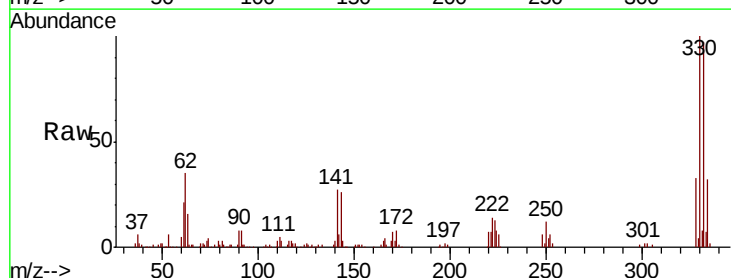
Tgt Ion:330 Resp: 181890

Ion Ratio Lower Upper

330 100

332 95.0 76.6 114.8

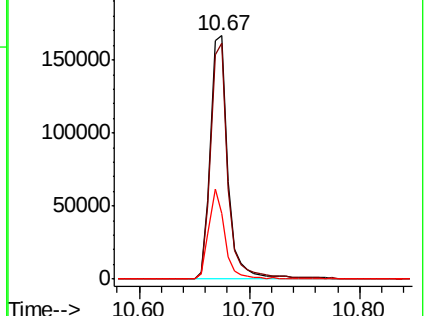
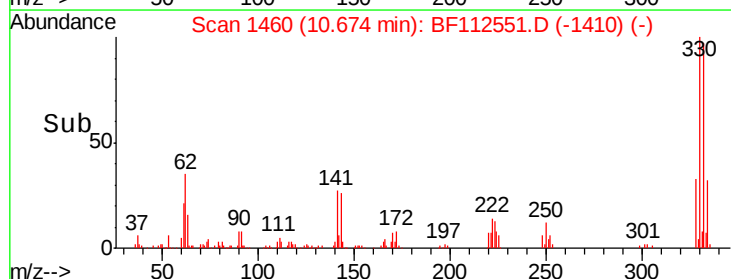
141 33.7 24.3 36.5

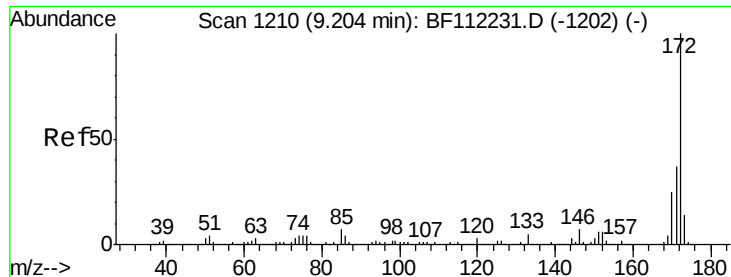


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

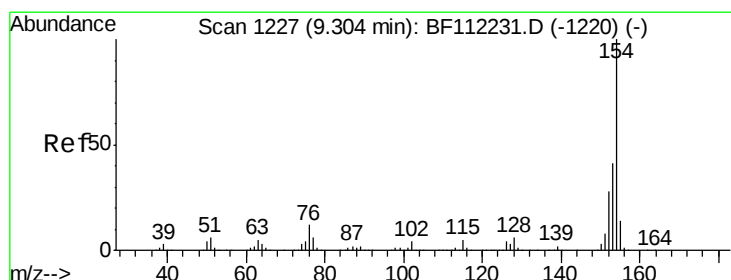
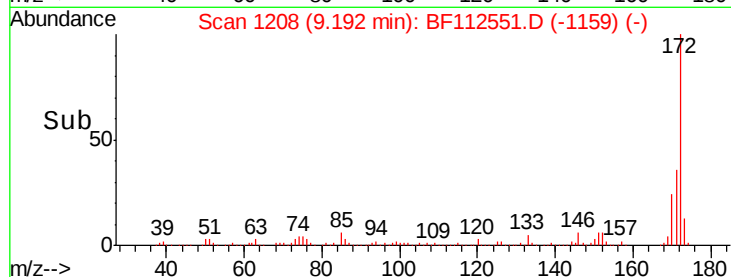
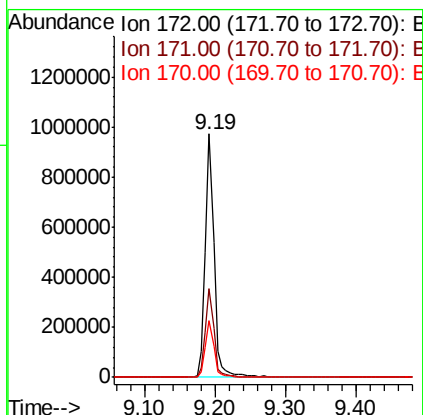
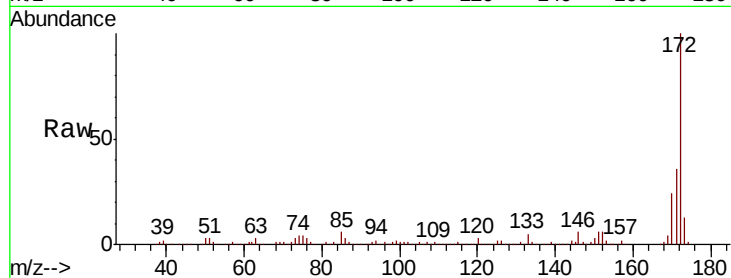




#45
 2-Fluorobiphenyl
 Concen: 72.244 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF112551.D
 Acq: 13 Feb 2019 21:01

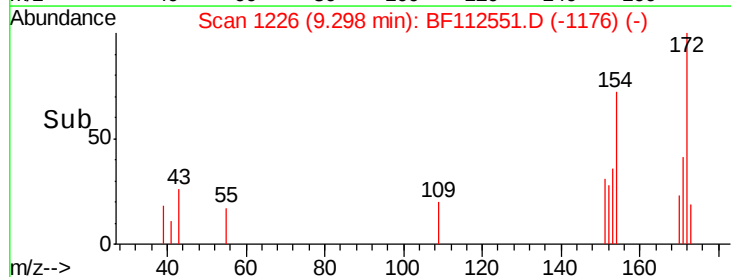
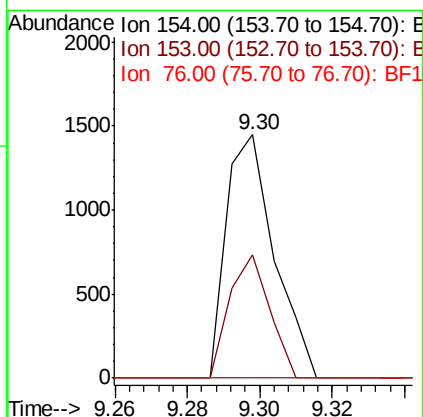
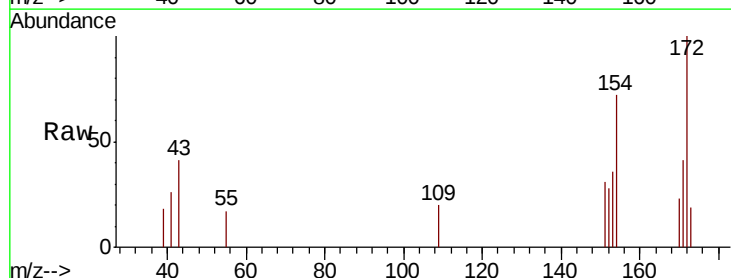
Instrument :
 BNA_F
 ClientSampleId :
 SB-3

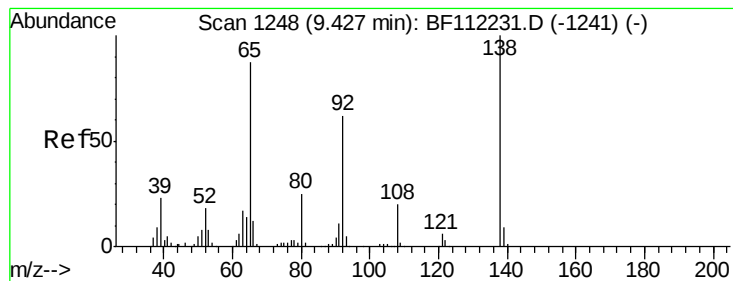
Tgt Ion:172 Resp: 847723
 Ion Ratio Lower Upper
 172 100
 171 36.2 30.5 45.7
 170 23.5 20.2 30.4



#46
 1,1'-Biphenyl
 Concen: 0.092 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF112551.D
 Acq: 13 Feb 2019 21:01

Tgt Ion:154 Resp: 1336
 Ion Ratio Lower Upper
 154 100
 153 50.5 21.5 61.5
 76 0.0 0.0 33.1





#48

2-Nitroaniline

Concen: 0.176 ng

RT: 9.59 min Scan# 1275

Delta R.T. 0.16 min

Lab File: BF112551.D

Acq: 13 Feb 2019 21:01

Instrument :

BNA_F

ClientSampleId :

SB-3

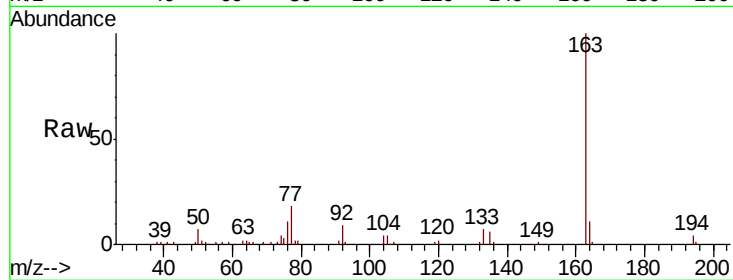
Tgt Ion: 65 Resp: 540

Ion Ratio Lower Upper

65 100

92 875.9 60.4 90.6#

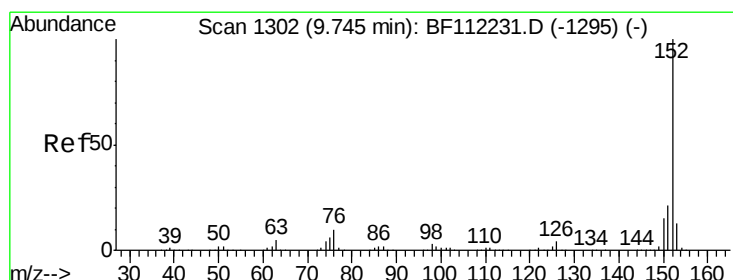
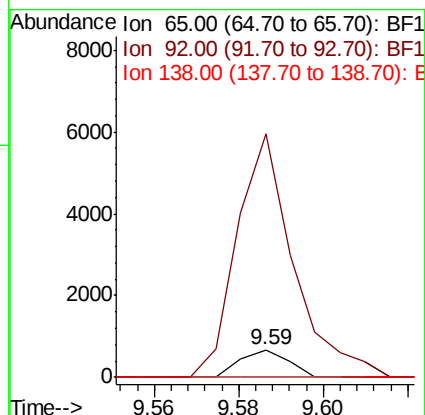
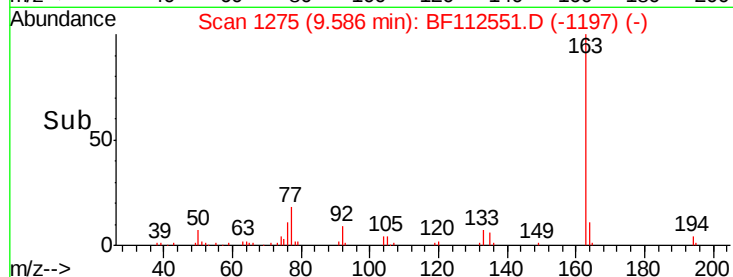
138 0.0 104.4 156.6#



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): BF1



#49

Acenaphthylene

Concen: 0.024 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF112551.D

Acq: 13 Feb 2019 21:01

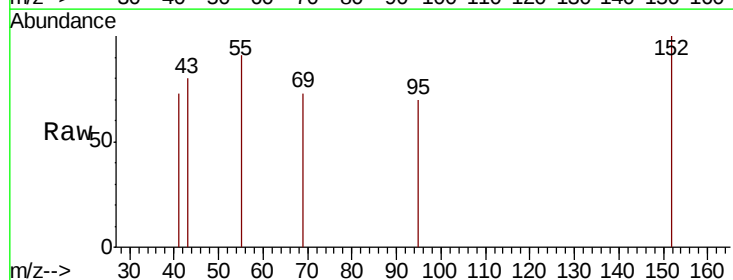
Tgt Ion: 152 Resp: 403

Ion Ratio Lower Upper

152 100

151 0.0 17.0 25.6#

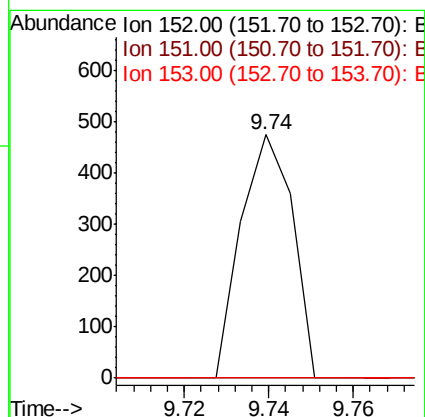
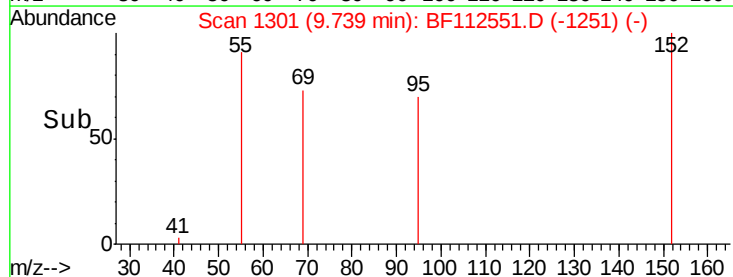
153 0.0 11.2 16.8#

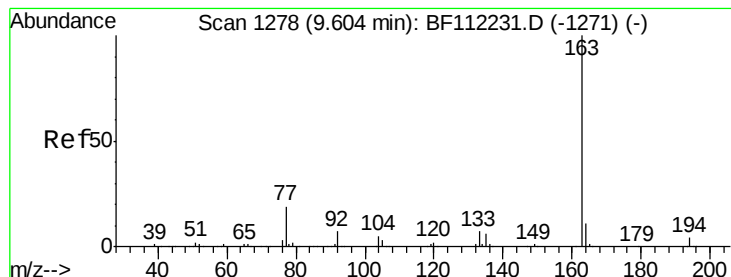


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#50

Dimethylphthalate

Concen: 5.084 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BF112551.D

Acq: 13 Feb 2019 21:01

Instrument :

BNA_F

ClientSampleId :

SB-3

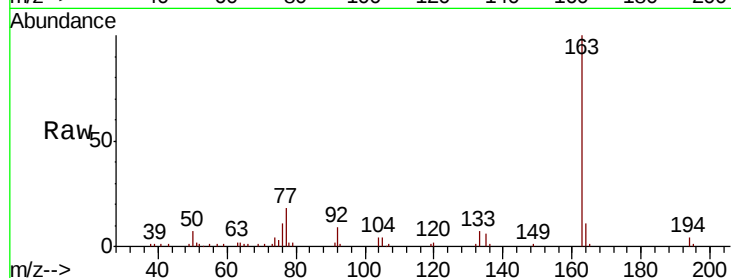
Tgt Ion:163 Resp: 65550

Ion Ratio Lower Upper

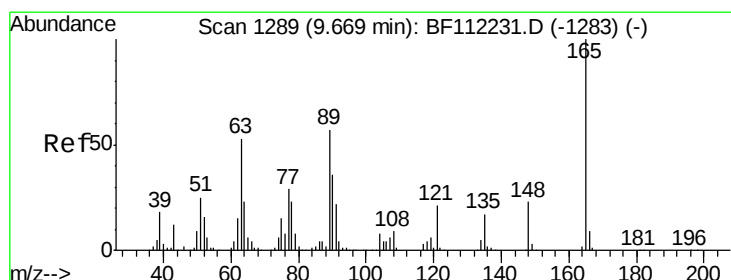
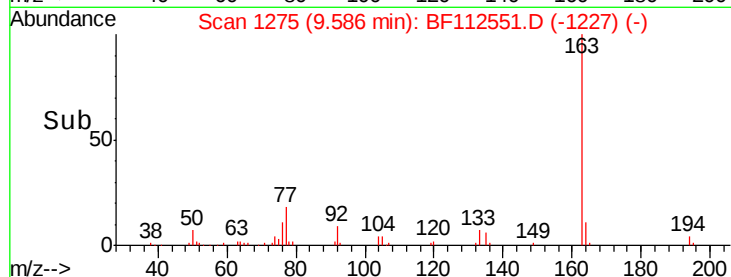
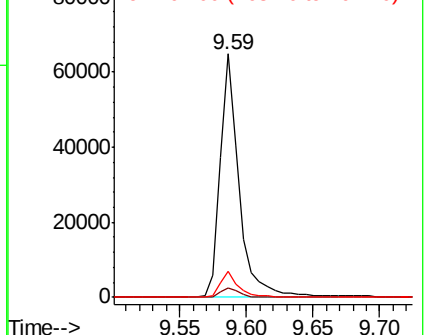
163 100

194 3.8 3.3 4.9

164 10.6 8.5 12.7



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: 7.191 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.21 min

Lab File: BF112551.D

Acq: 13 Feb 2019 21:01

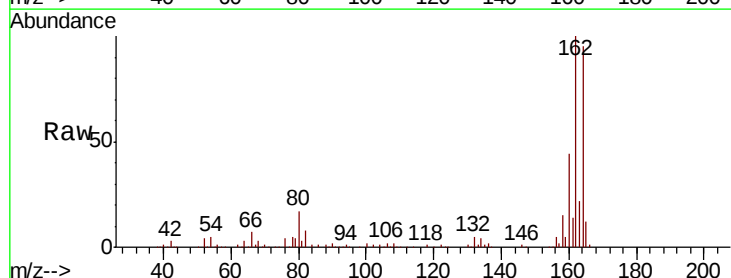
Tgt Ion:165 Resp: 20765

Ion Ratio Lower Upper

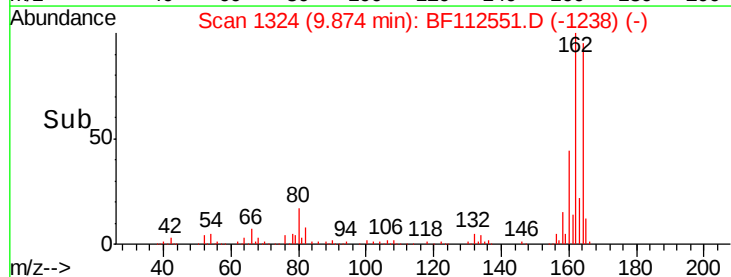
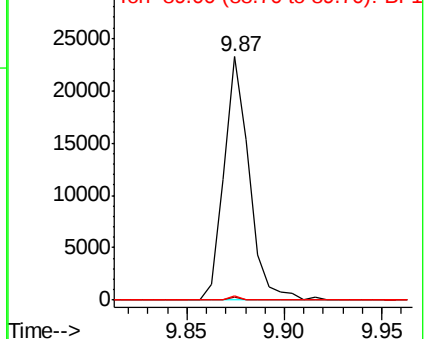
165 100

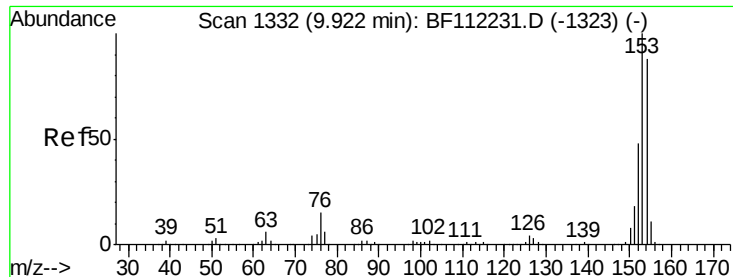
63 1.3 33.8 50.8#

89 1.5 36.9 55.3#



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: 0.013 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF112551.D

Acq: 13 Feb 2019 21:01

Instrument :

BNA_F

ClientSampled :

SB-3

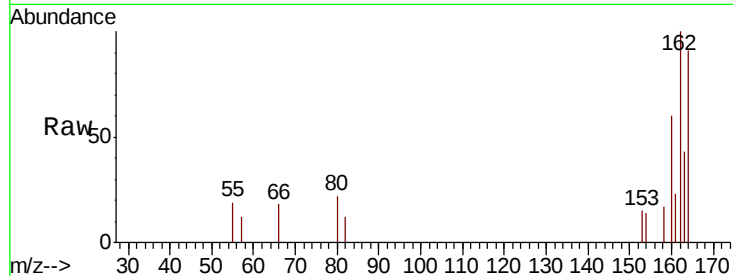
Tgt Ion:154 Resp: 130

Ion Ratio Lower Upper

154 100

153 107.3 89.8 134.6

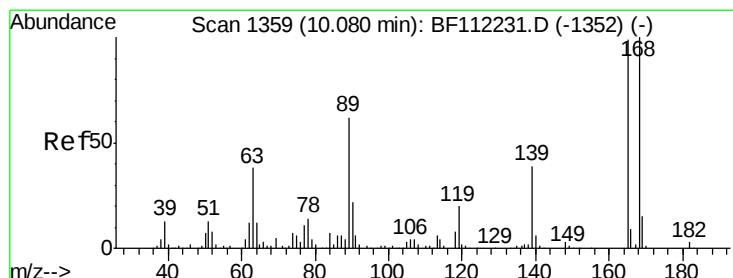
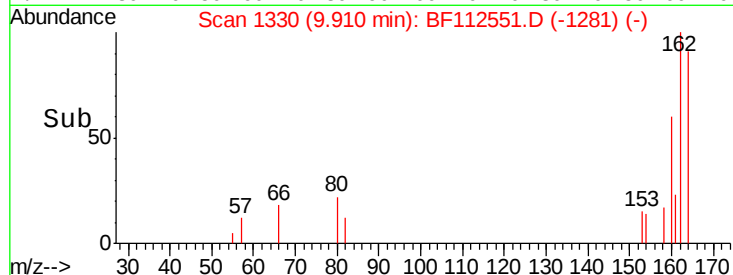
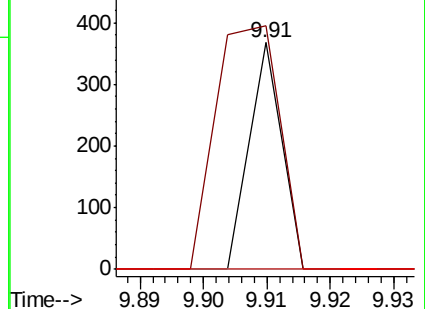
152 0.0 43.5 65.3#



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



#57

2,4-Dinitrotoluene

Concen: 5.648 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.21 min

Lab File: BF112551.D

Acq: 13 Feb 2019 21:01

Tgt Ion:165 Resp: 20765

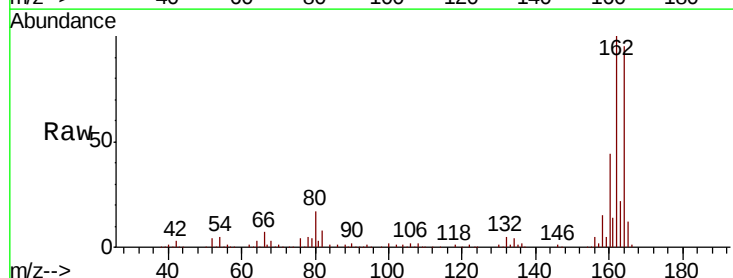
Ion Ratio Lower Upper

165 100

63 1.3 27.9 41.9#

89 1.5 47.9 71.9#

182 0.0 2.2 3.4#

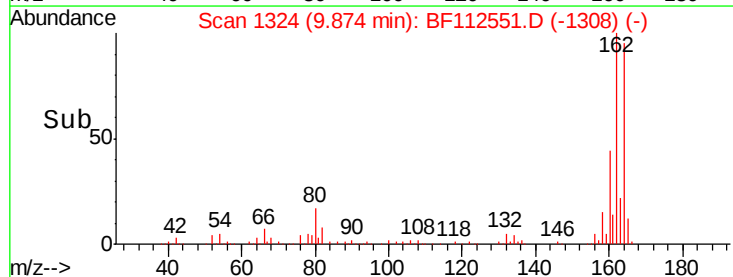
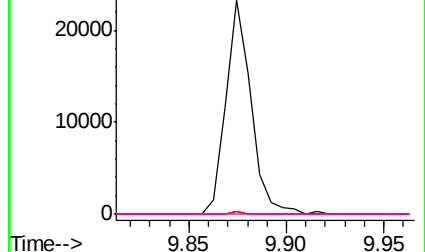


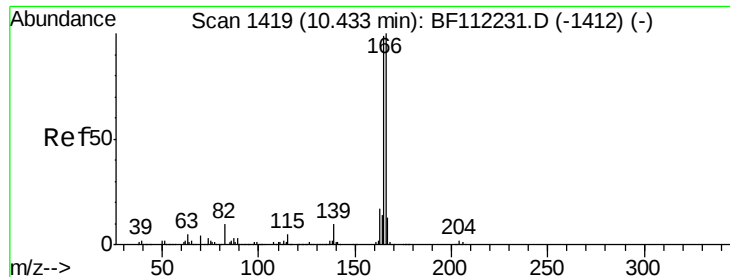
Abundance Ion 165.00 (164.70 to 165.70): E

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: 0.635 ng

RT: 10.67 min Scan# 1460

Delta R.T. 0.24 min

Lab File: BF112551.D

Acq: 13 Feb 2019 21:01

Instrument :

BNA_F

ClientSampleId :

SB-3

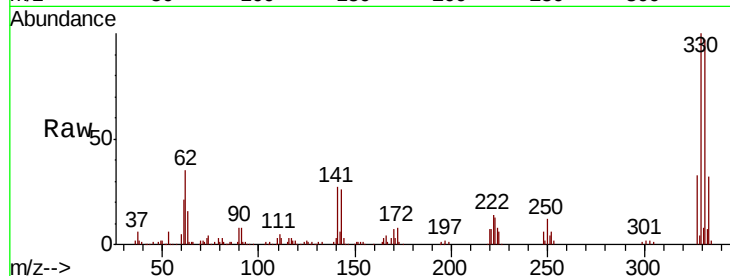
Tgt Ion:166 Resp: 7154

Ion Ratio Lower Upper

166 100

165 83.5 77.1 115.7

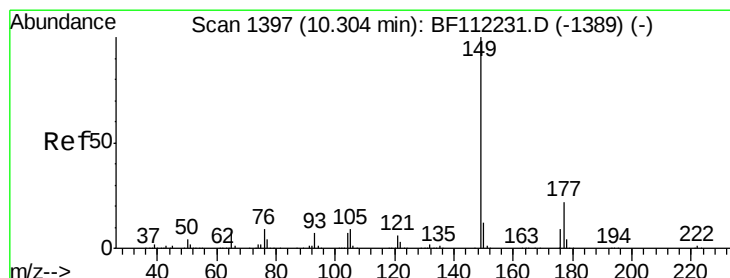
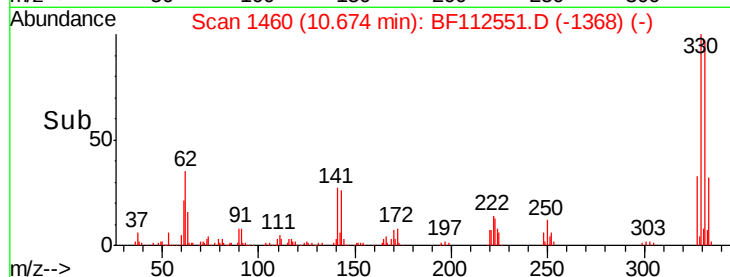
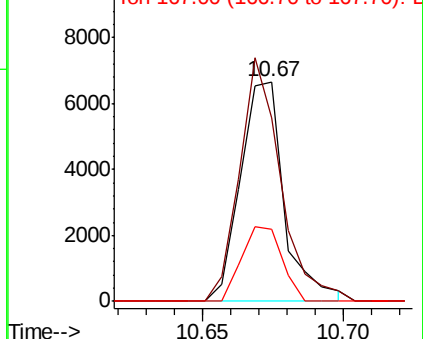
167 33.0 11.3 16.9#



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: 0.042 ng

RT: 10.28 min Scan# 1393

Delta R.T. -0.02 min

Lab File: BF112551.D

Acq: 13 Feb 2019 21:01

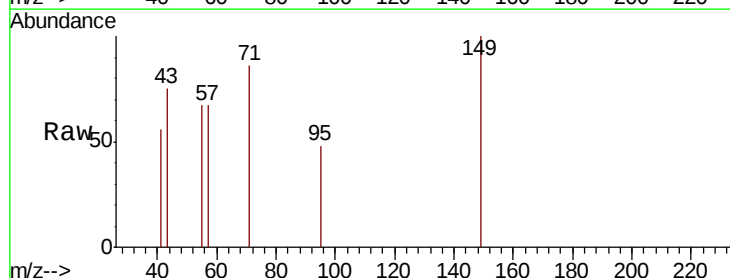
Tgt Ion:149 Resp: 535

Ion Ratio Lower Upper

149 100

177 0.0 18.2 27.2#

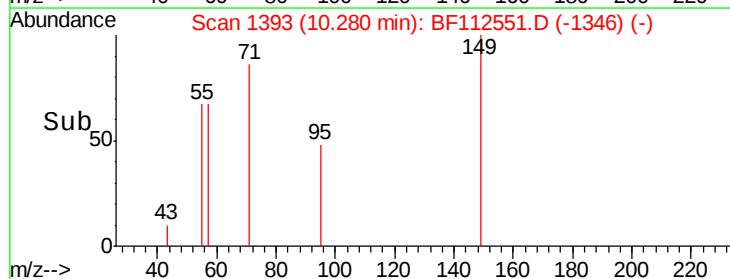
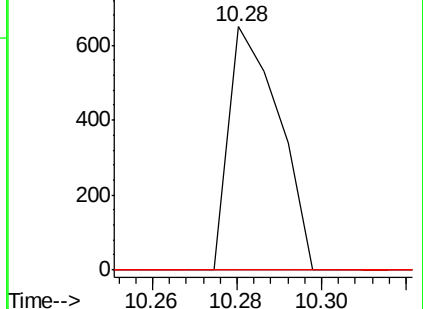
150 0.0 10.4 15.6#

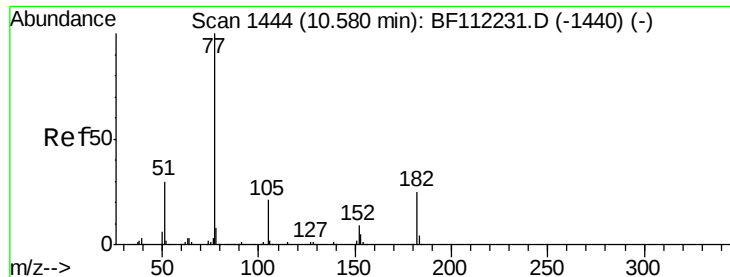


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#63

Azobenzene

Concen: 0.083 ng

RT: 10.67 min Scan# 1459

Delta R.T. 0.09 min

Lab File: BF112551.D

Acq: 13 Feb 2019 21:01

Instrument :

BNA_F

ClientSampleId :

SB-3

Tgt Ion: 77 Resp: 931

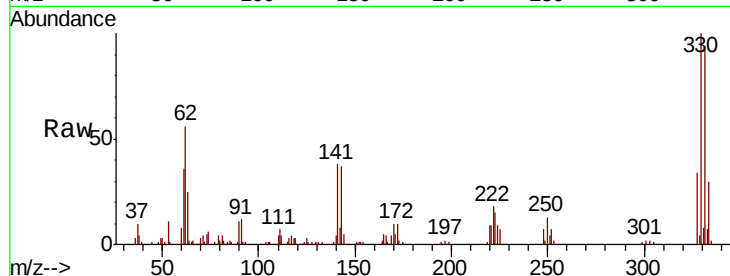
Ion Ratio Lower Upper

77 100

182 27.4 5.7 45.7

105 97.8 1.4 41.4#

51 74.8 9.5 49.5#

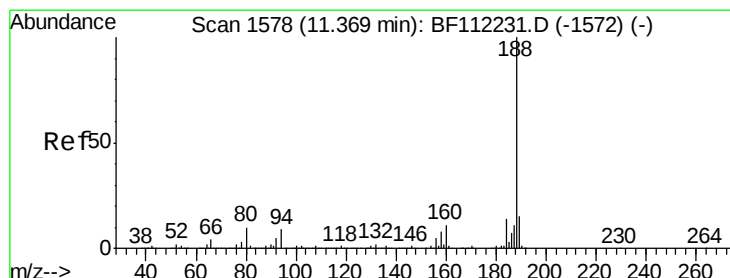
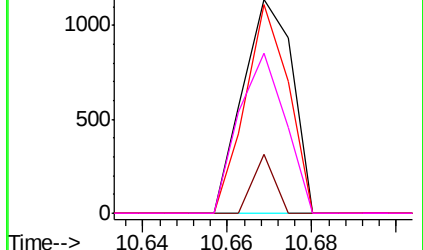
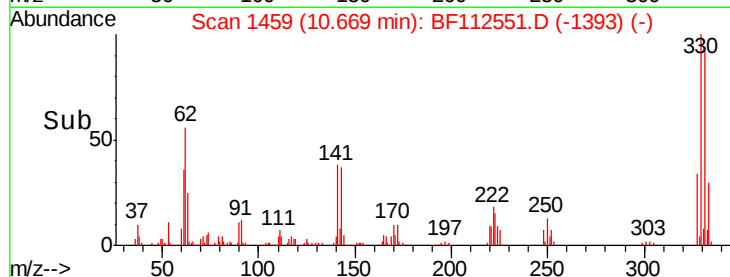


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.37 min Scan# 1578

Delta R.T. -0.00 min

Lab File: BF112551.D

Acq: 13 Feb 2019 21:01

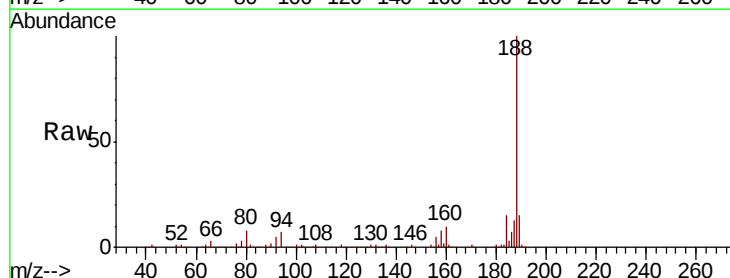
Tgt Ion: 188 Resp: 274904

Ion Ratio Lower Upper

188 100

94 6.8 8.2 12.2#

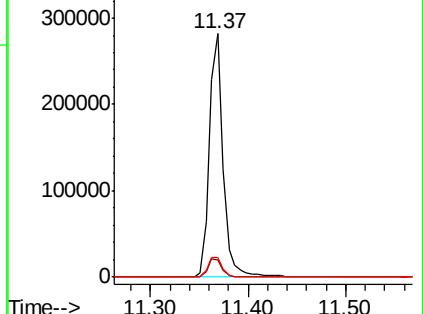
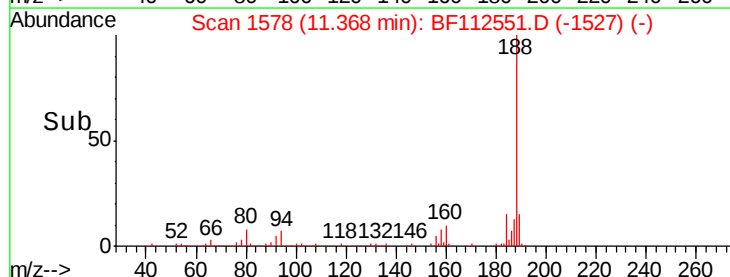
80 8.0 8.9 13.3#

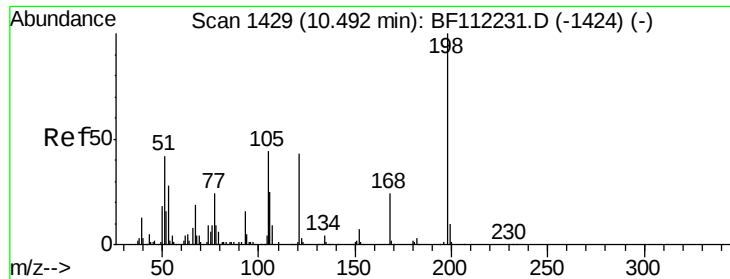


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

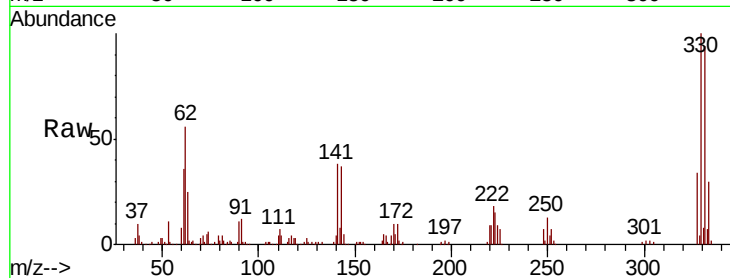




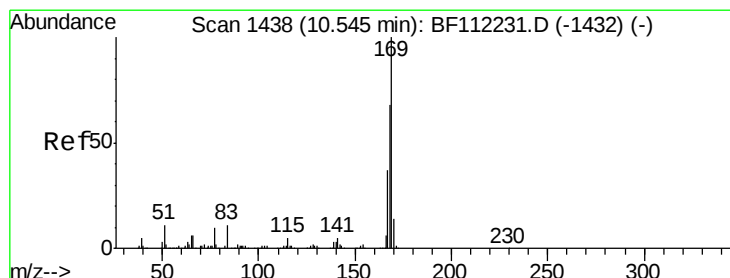
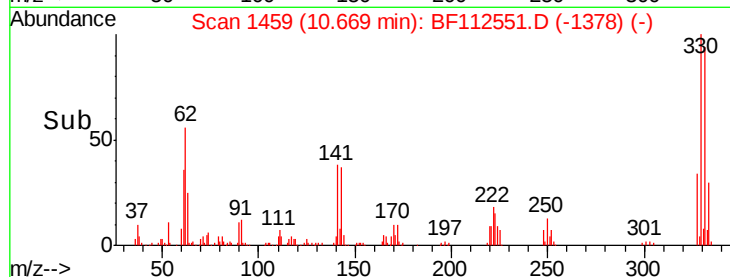
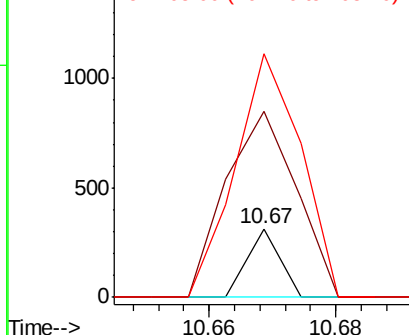
#65
 4,6-Dinitro-2-methylphenol
 Concen: 0.071 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. 0.18 min
 Lab File: BF112551.D
 Acq: 13 Feb 2019 21:01

Instrument :
 BNA_F
 ClientSampleID :
 SB-3

Tgt Ion:198 Resp: 110
 Ion Ratio Lower Upper
 198 100
 51 271.9 17.2 57.2#
 105 355.3 21.9 61.9#

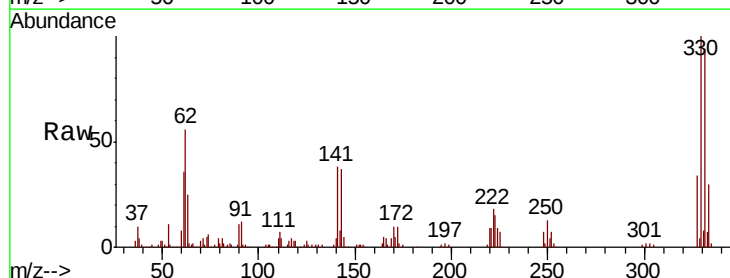


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

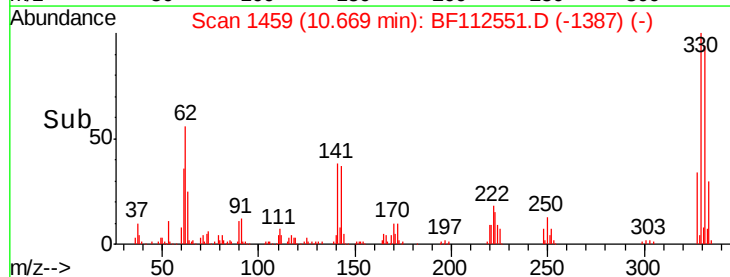
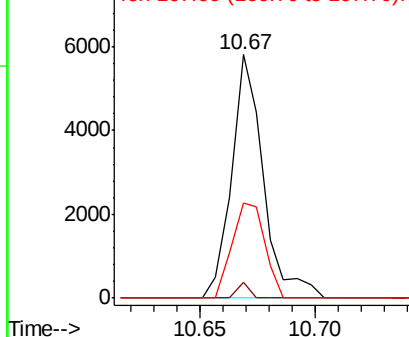


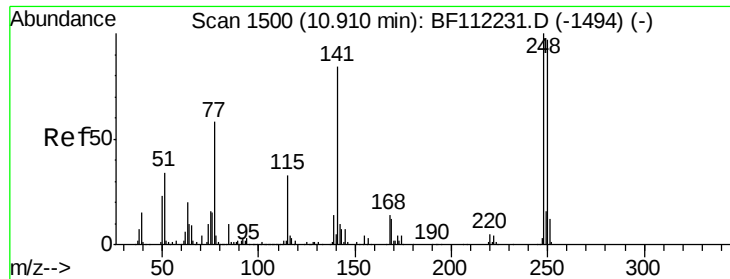
#66
 n-Nitrosodiphenylamine
 Concen: 0.599 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. 0.12 min
 Lab File: BF112551.D
 Acq: 13 Feb 2019 21:01

Tgt Ion:169 Resp: 5554
 Ion Ratio Lower Upper
 169 100
 168 6.7 53.9 80.9#
 167 38.9 28.9 43.3



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

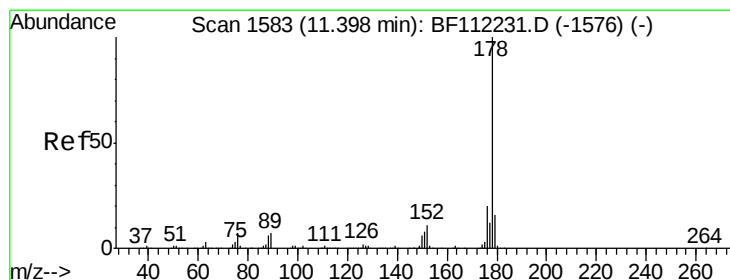
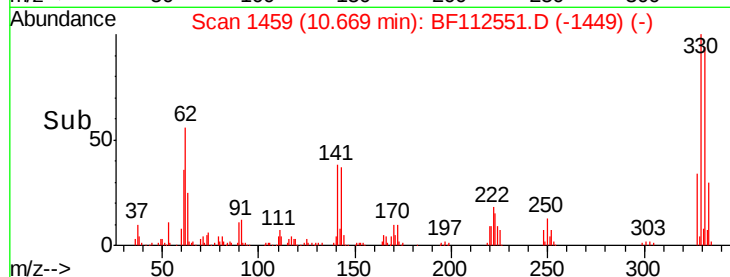
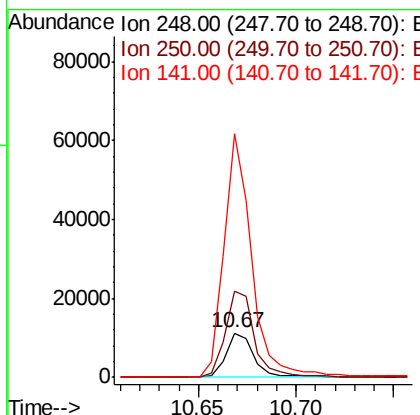
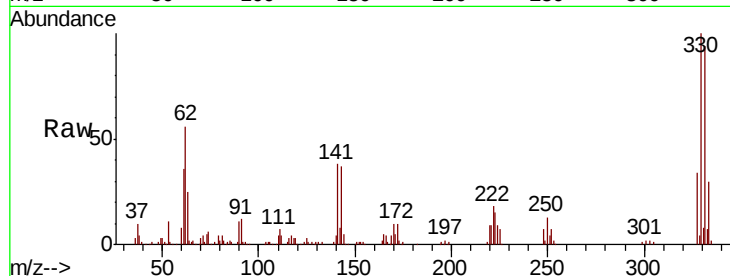




#67
 4-Bromophenyl-phenylether
 Concen: 3.483 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.24 min
 Lab File: BF112551.D
 Acq: 13 Feb 2019 21:01

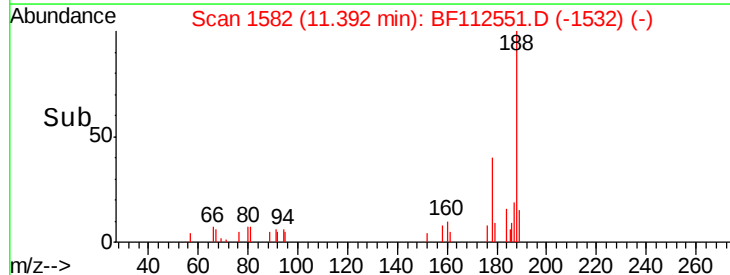
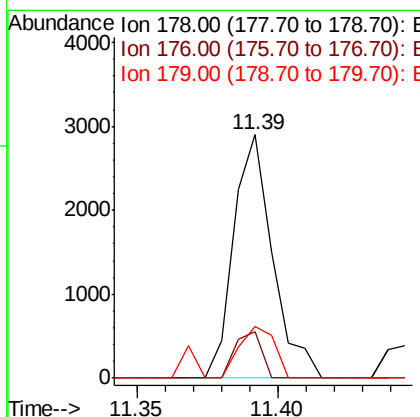
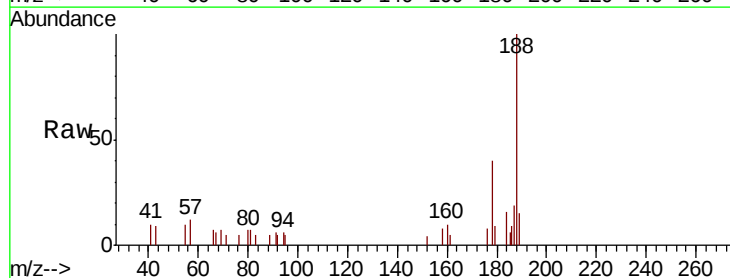
Instrument :
 BNA_F
 ClientSampled :
 SB-3

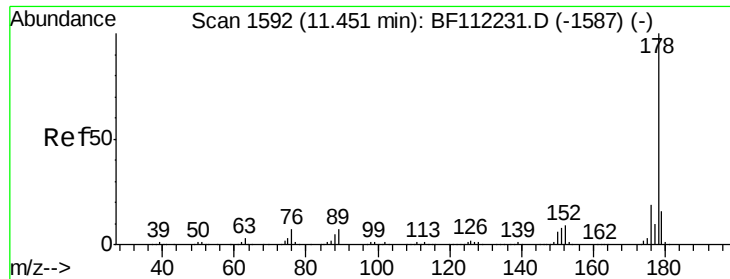
Tgt Ion:248 Resp: 11261
 Ion Ratio Lower Upper
 248 100
 250 194.2 79.7 119.5#
 141 552.7 60.3 90.5#



#71
 Phenanthrene
 Concen: 0.194 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.01 min
 Lab File: BF112551.D
 Acq: 13 Feb 2019 21:01

Tgt Ion:178 Resp: 2777
 Ion Ratio Lower Upper
 178 100
 176 19.1 16.3 24.5
 179 21.3 13.0 19.4#





#72

Anthracene

Concen: 0.037 ng

RT: 11.45 min Scan# 1592

Delta R.T. -0.00 min

Lab File: BF112551.D

Acq: 13 Feb 2019 21:01

Instrument :

BNA_F

ClientSampleId :

SB-3

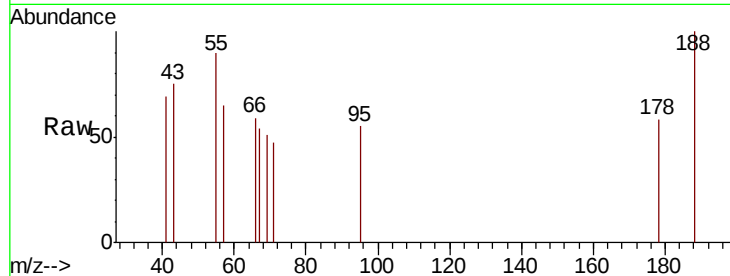
Tgt Ion:178 Resp: 532

Ion Ratio Lower Upper

178 100

176 0.0 15.5 23.3#

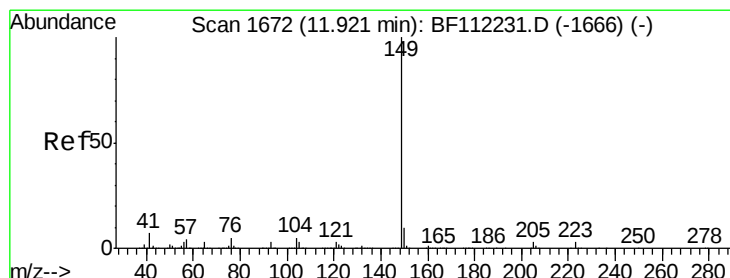
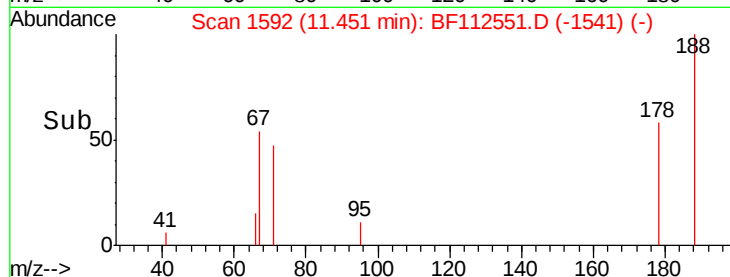
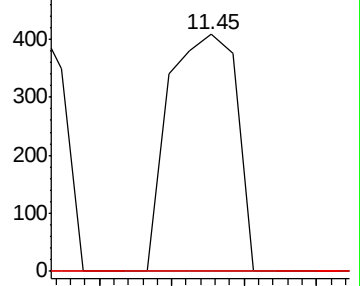
179 0.0 12.8 19.2#



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



#74

Di-n-butylphthalate

Concen: 0.036 ng

RT: 11.92 min Scan# 1671

Delta R.T. -0.01 min

Lab File: BF112551.D

Acq: 13 Feb 2019 21:01

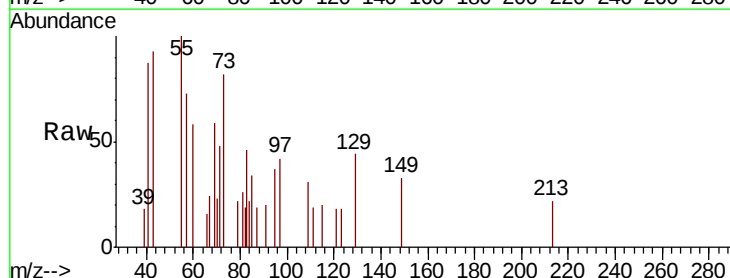
Tgt Ion:149 Resp: 621

Ion Ratio Lower Upper

149 100

150 0.0 8.1 12.1#

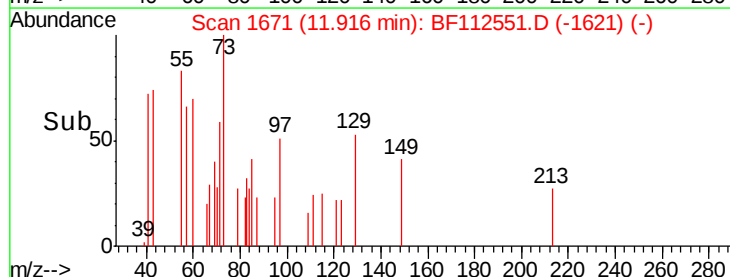
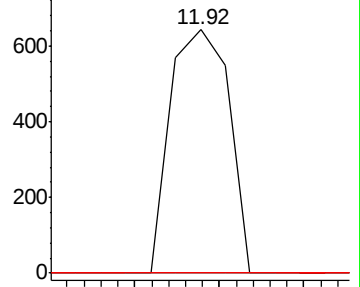
104 0.0 3.9 5.9#

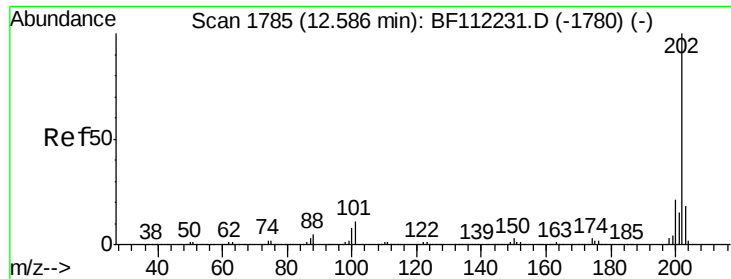


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

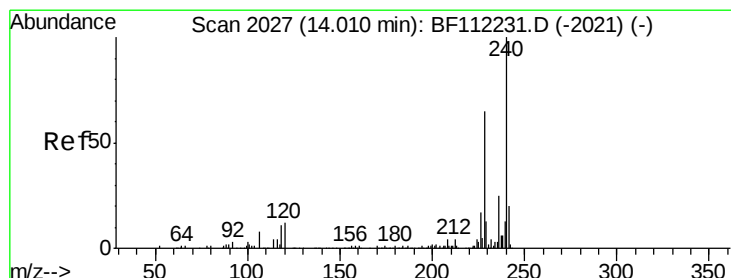
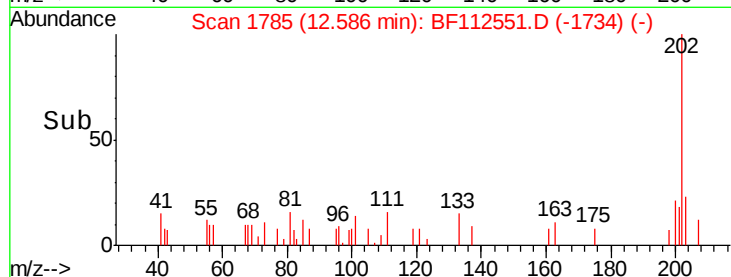
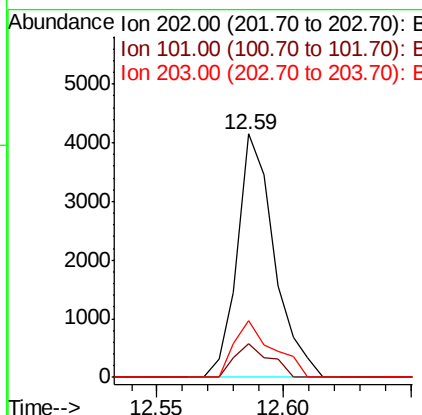
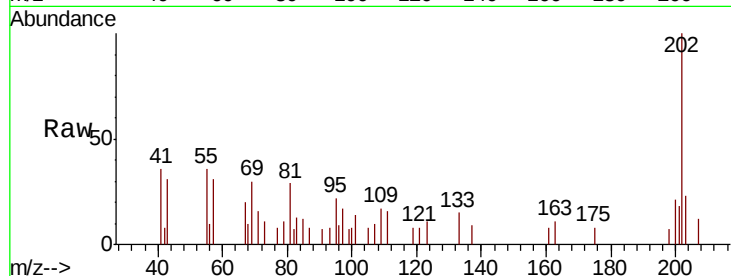




#75
 Fluoranthene
 Concen: 0.274 ng
 RT: 12.59 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: BF112551.D
 Acq: 13 Feb 2019 21:01

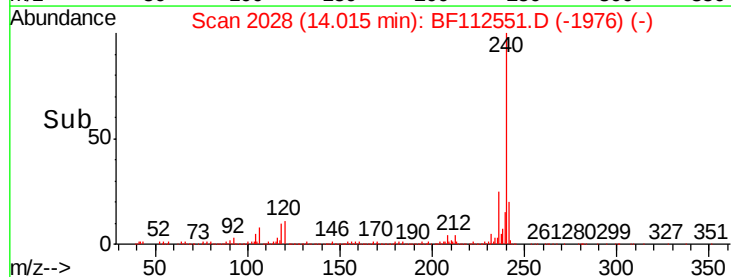
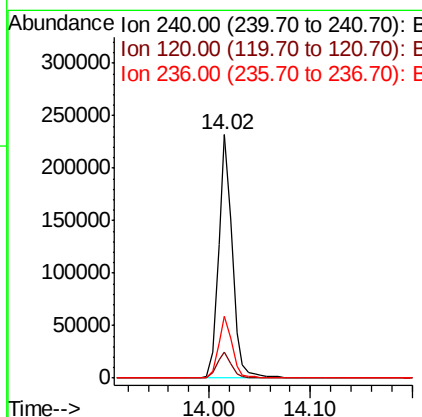
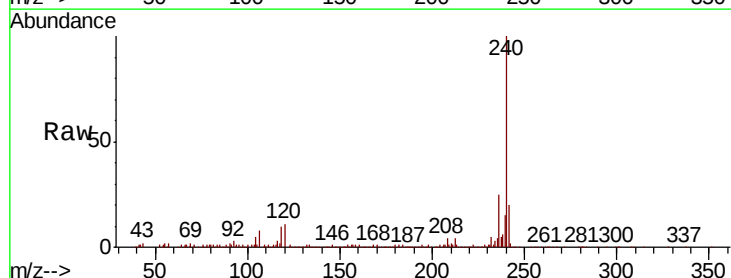
Instrument :
 BNA_F
 ClientSampled :
 SB-3

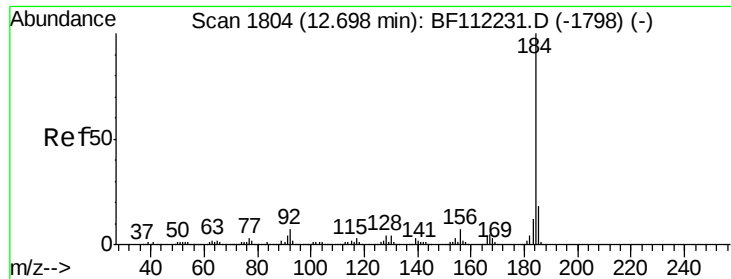
Tgt Ion: 202 Resp: 4207
 Ion Ratio Lower Upper
 202 100
 101 13.8 0.0 31.8
 203 23.1 0.0 38.4



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.01 min
 Lab File: BF112551.D
 Acq: 13 Feb 2019 21:01

Tgt Ion: 240 Resp: 217804
 Ion Ratio Lower Upper
 240 100
 120 10.8 9.0 13.6
 236 25.4 20.7 31.1





#77

Benzidine

Concen: 1.597 ng

RT: 12.94 min Scan# 1846

Delta R.T. 0.25 min

Lab File: BF112551.D

Acq: 13 Feb 2019 21:01

Instrument :

BNA_F

ClientSampleId :

SB-3

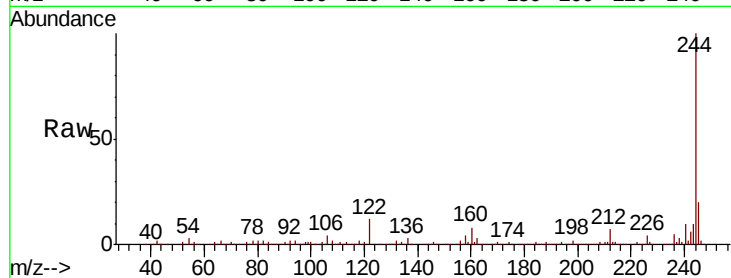
Tgt Ion:184 Resp: 9572

Ion Ratio Lower Upper

184 100

185 18.0 13.9 20.9

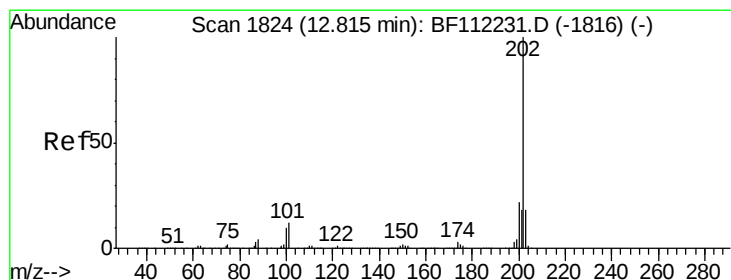
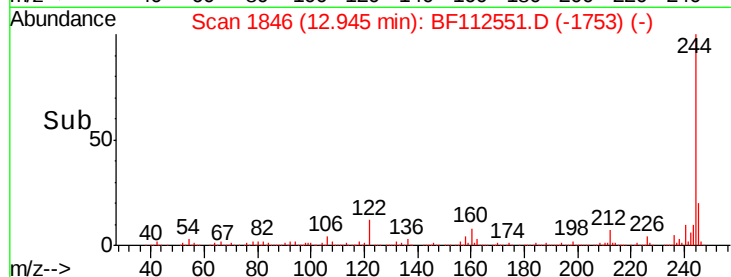
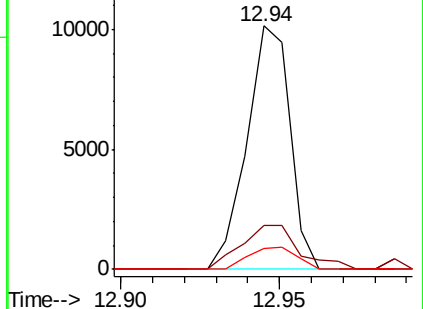
183 8.8 10.0 15.0#



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: 0.257 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.01 min

Lab File: BF112551.D

Acq: 13 Feb 2019 21:01

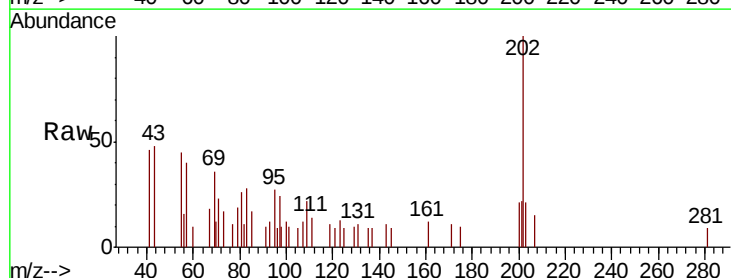
Tgt Ion:202 Resp: 3870

Ion Ratio Lower Upper

202 100

200 20.6 17.7 26.5

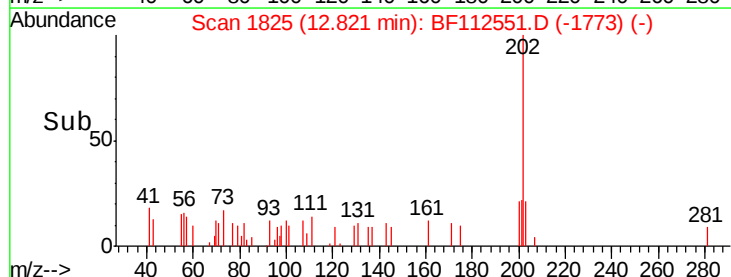
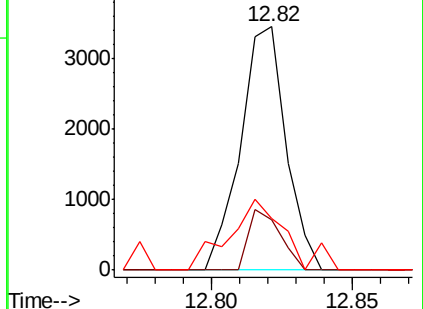
203 21.3 14.6 22.0

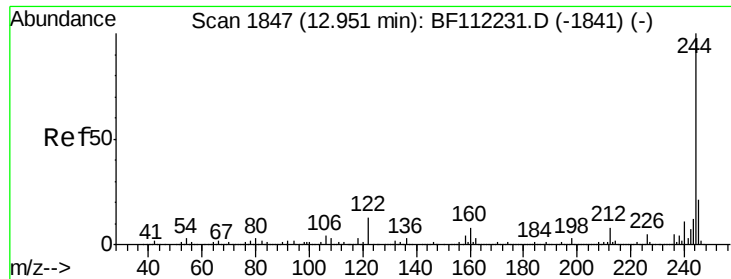


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

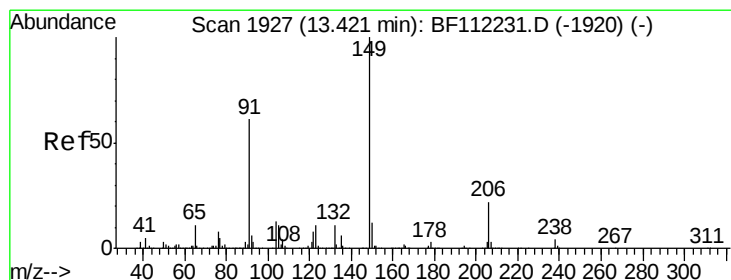
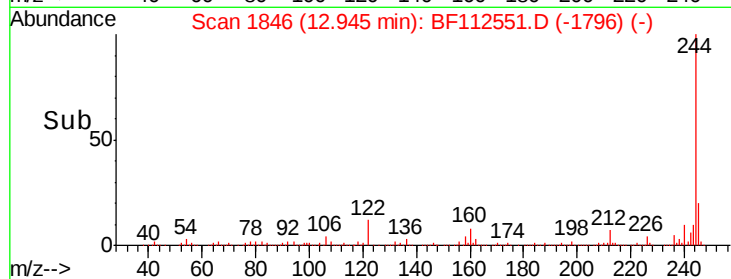
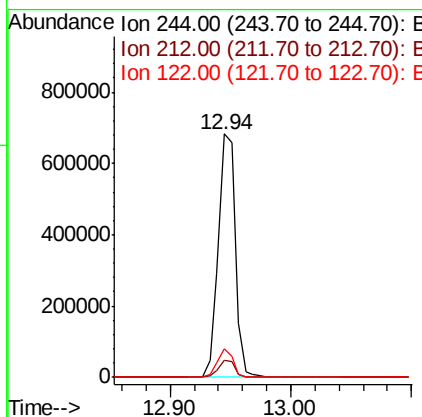
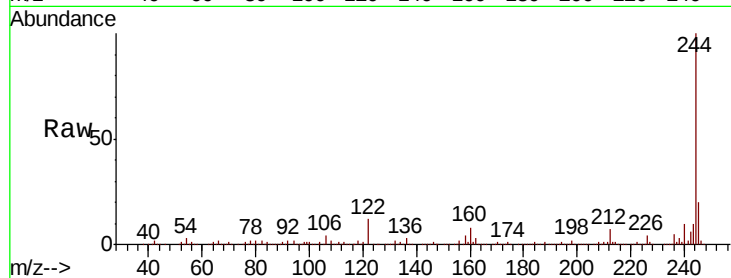




#79
 Terphenyl-d14
 Concen: 57.313 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF112551.D
 Acq: 13 Feb 2019 21:01

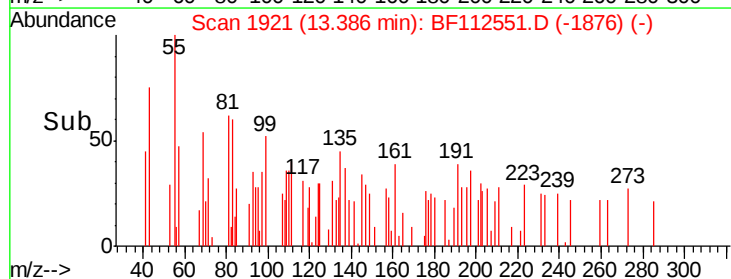
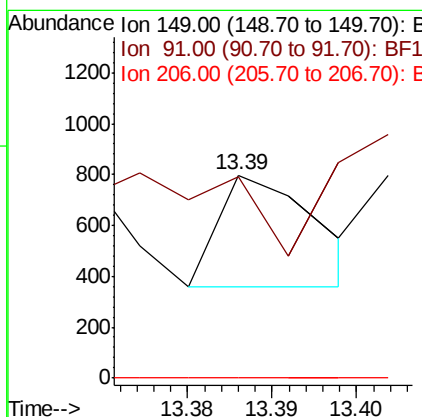
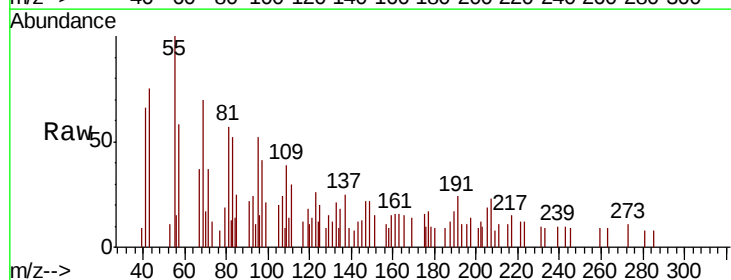
Instrument :
 BNA_F
 ClientSampleId :
 SB-3

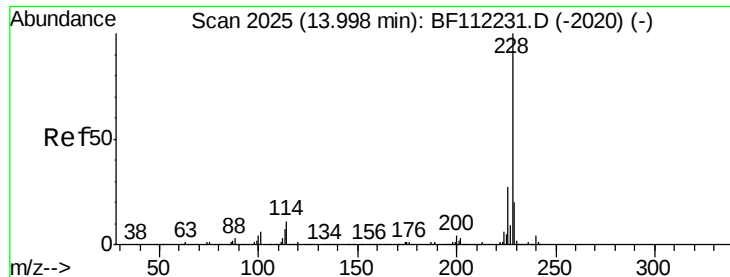
Tgt Ion:244 Resp: 662774
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 11.7 9.8 14.6



#80
 Butylbenzylphthalate
 Concen: 0.048 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. -0.04 min
 Lab File: BF112551.D
 Acq: 13 Feb 2019 21:01

Tgt Ion:149 Resp: 350
 Ion Ratio Lower Upper
 149 100
 91 99.2 50.3 75.5#
 206 0.0 18.2 27.4#





#81

Benzo(a)anthracene

Concen: 0.219 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF112551.D

Acq: 13 Feb 2019 21:01

Instrument :

BNA_F

ClientSampled :

SB-3

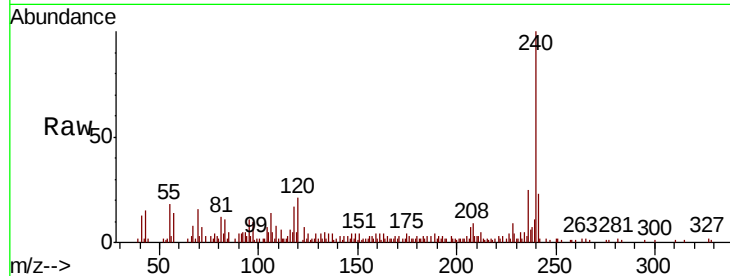
Tgt Ion:228 Resp: 2803

Ion Ratio Lower Upper

228 100

226 44.3 22.6 34.0#

229 46.6 16.5 24.7#

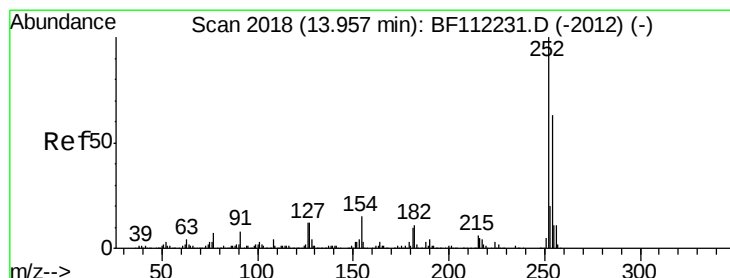
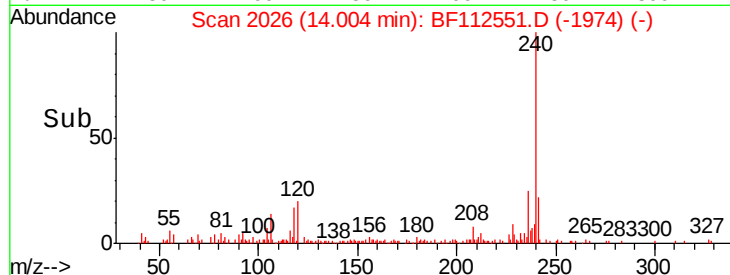
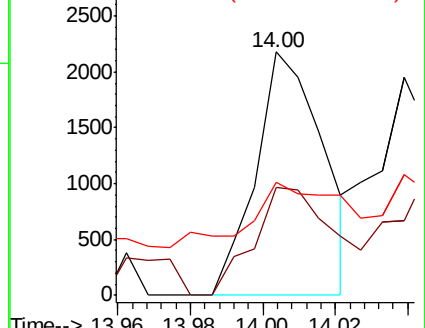


Abundance

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: 0.046 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.02 min

Lab File: BF112551.D

Acq: 13 Feb 2019 21:01

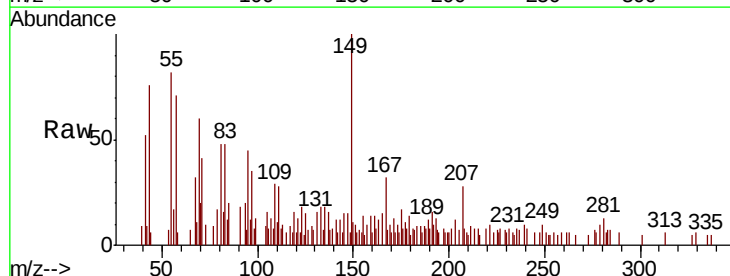
Tgt Ion:252 Resp: 219

Ion Ratio Lower Upper

252 100

254 0.0 51.6 77.4#

126 136.0 8.6 12.8#

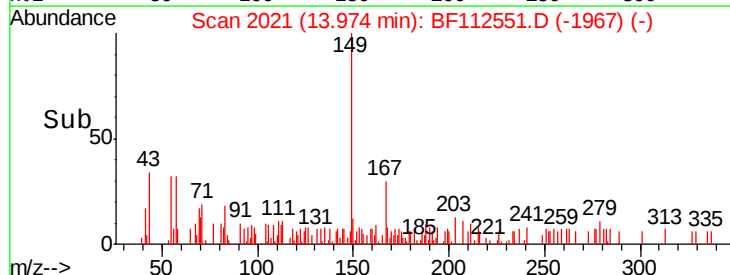
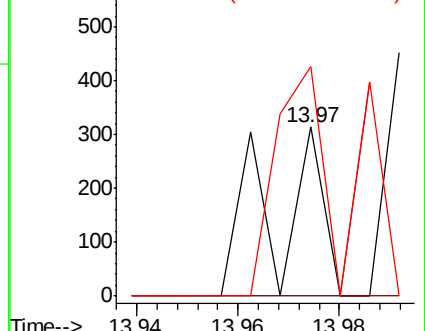


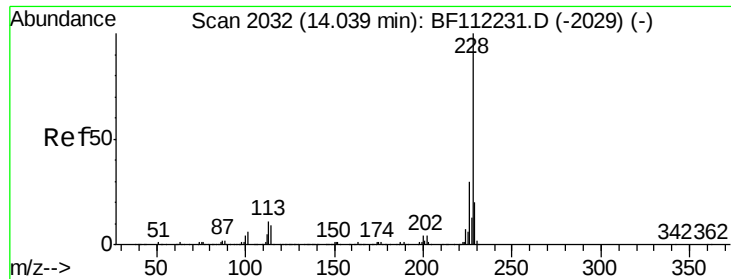
Abundance

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: 0.205 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.00 min

Lab File: BF112551.D

Acq: 13 Feb 2019 21:01

Instrument :

BNA_F

ClientSampleId :

SB-3

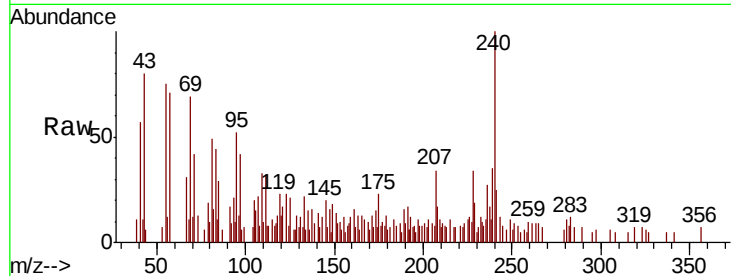
Tgt Ion:228 Resp: 2508

Ion Ratio Lower Upper

228 100

226 34.5 25.0 37.6

229 55.3 16.6 24.8#

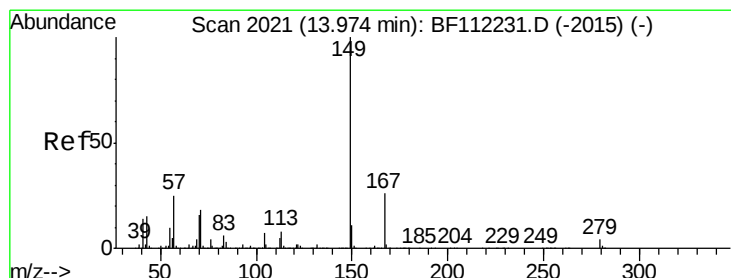
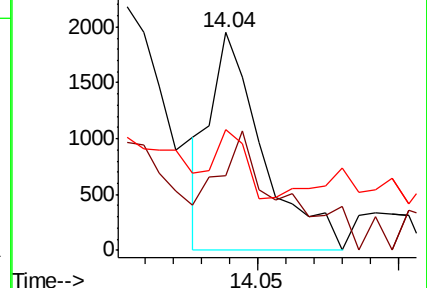
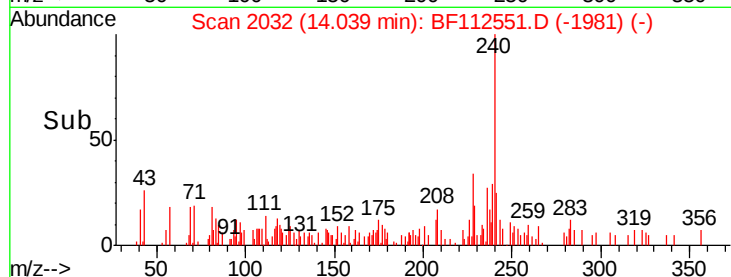


Abundance

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: 0.506 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.00 min

Lab File: BF112551.D

Acq: 13 Feb 2019 21:01

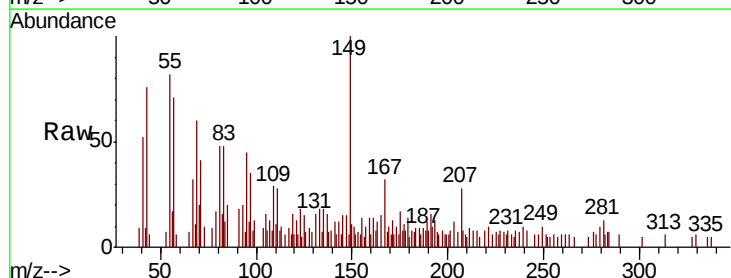
Tgt Ion:149 Resp: 5241

Ion Ratio Lower Upper

149 100

167 32.5 22.5 33.7

279 9.9 3.8 5.6#

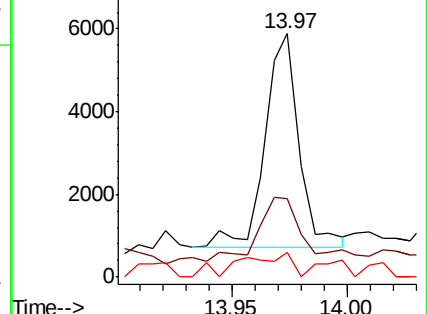
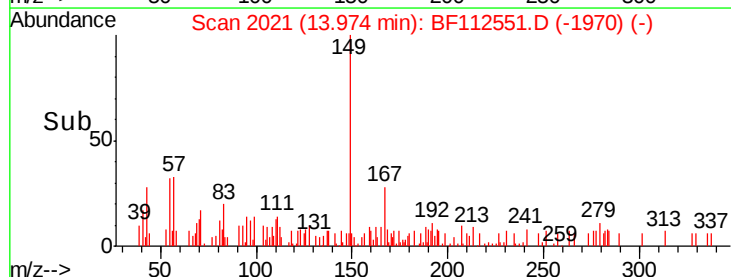


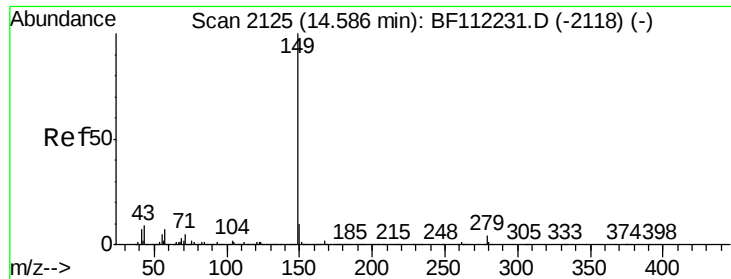
Abundance

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

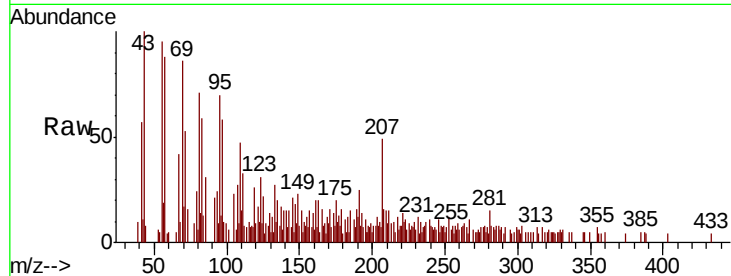




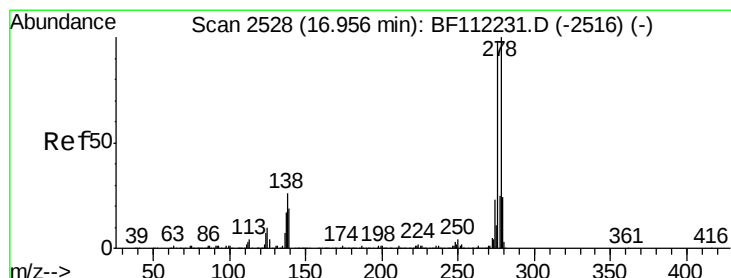
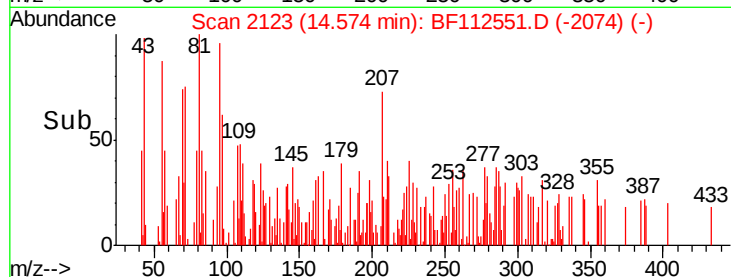
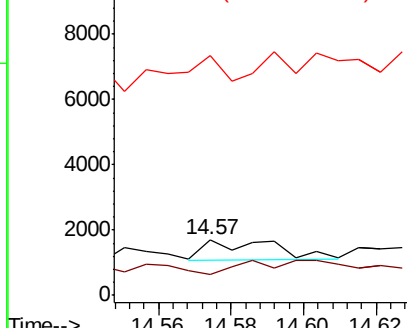
#85
Di-n-octyl phthalate
Concen: 0.050 ng
RT: 14.57 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BF112551.D
Acq: 13 Feb 2019 21:01

Instrument :
BNA_F
ClientSampled :
SB-3

Tgt Ion: 149 Resp: 801
Ion Ratio Lower Upper
149 100
167 36.8 1.3 1.9#
43 0.0 7.8 11.6#

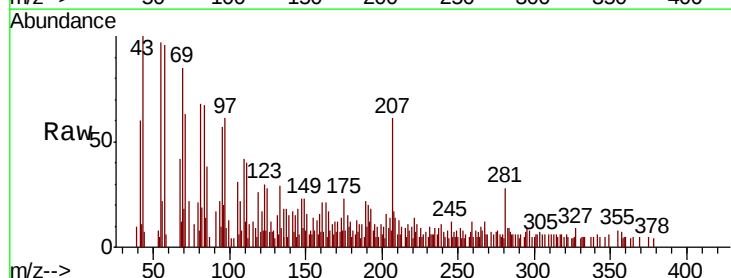


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

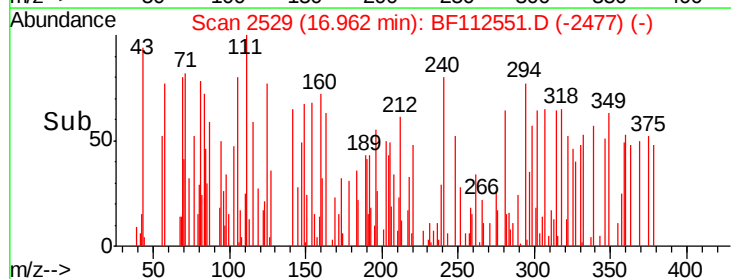
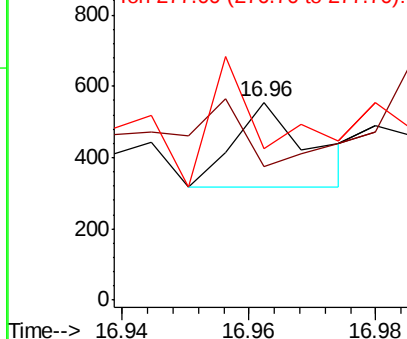


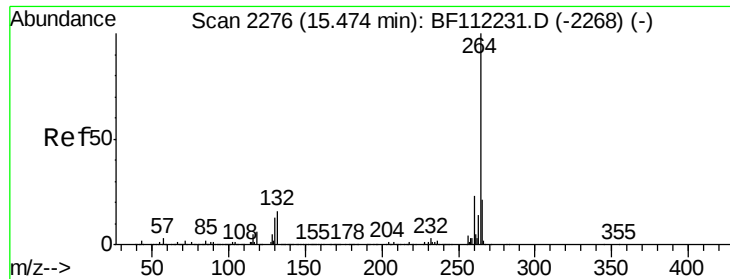
#86
Indeno(1,2,3-cd)pyrene
Concen: 0.020 ng
RT: 16.96 min Scan# 2529
Delta R.T. 0.01 min
Lab File: BF112551.D
Acq: 13 Feb 2019 21:01

Tgt Ion: 276 Resp: 196
Ion Ratio Lower Upper
276 100
138 0.0 22.6 34.0#
277 140.3 20.3 30.5#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

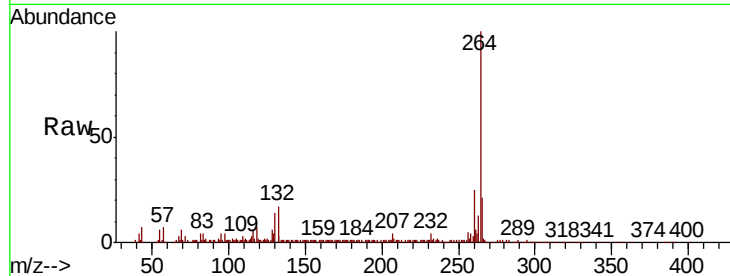




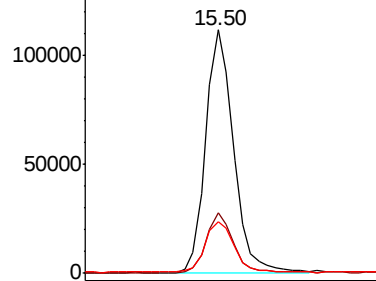
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.02 min
Lab File: BF112551.D
Acq: 13 Feb 2019 21:01

Instrument :
BNA_F
ClientSampleId :
SB-3

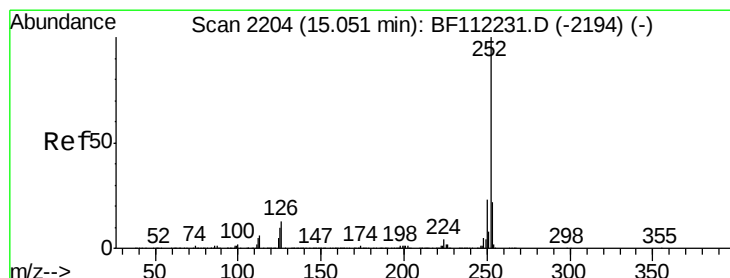
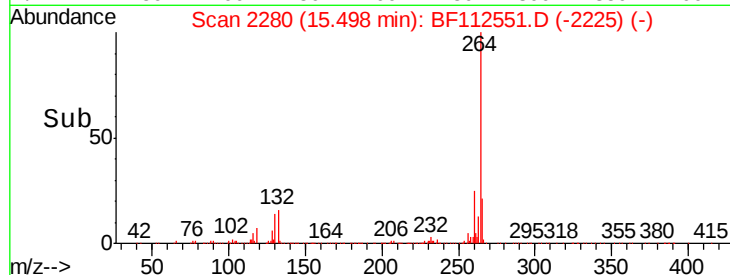
Tgt Ion:264 Resp: 155382
Ion Ratio Lower Upper
264 100
260 25.0 18.2 27.2
265 21.4 17.0 25.4



Abundance Ion 264.00 (263.70 to 264.70): E
150000 Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

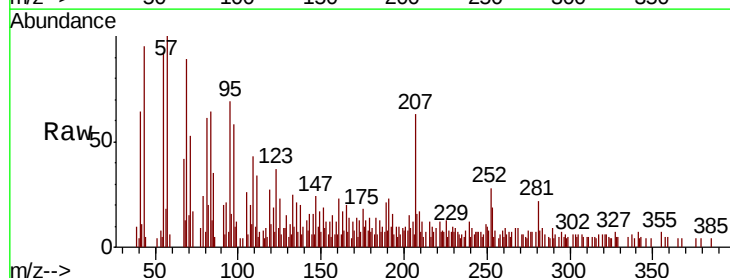


Time-->

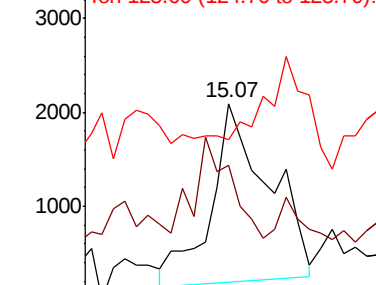


#88
Benzo(b)fluoranthene
Concen: 0.421 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.02 min
Lab File: BF112551.D
Acq: 13 Feb 2019 21:01

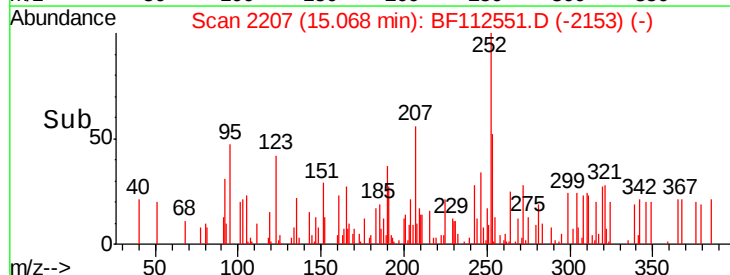
Tgt Ion:252 Resp: 3916
Ion Ratio Lower Upper
252 100
253 68.5 18.0 27.0#
125 81.7 8.7 13.1#

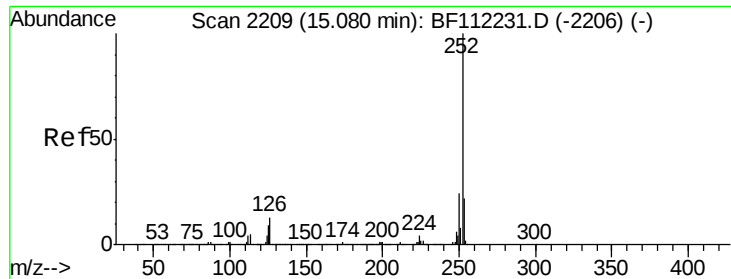


Abundance Ion 252.00 (251.70 to 252.70): E
3000 Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->

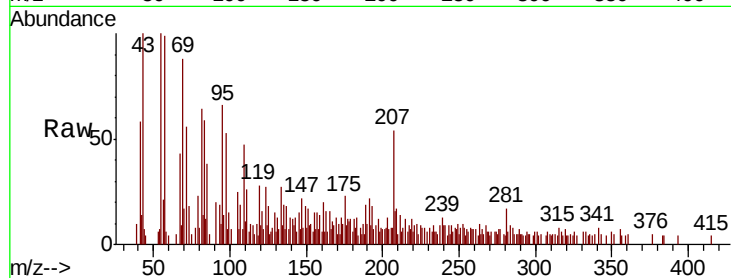




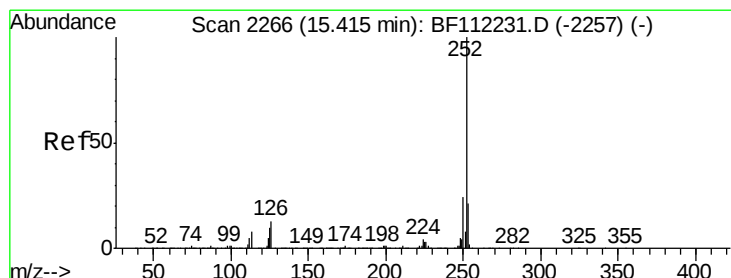
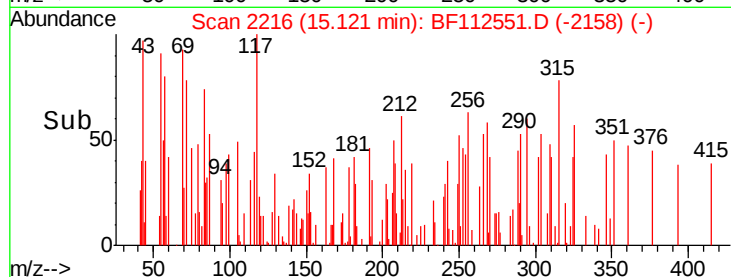
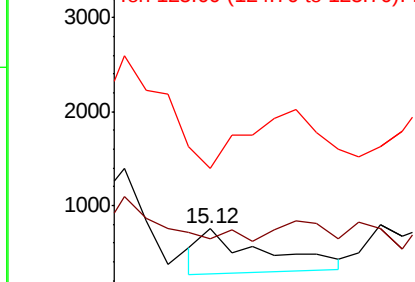
#89
Benzo(k)fluoranthene
Concen: 0.066 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.04 min
Lab File: BF112551.D
Acq: 13 Feb 2019 21:01

Instrument :
BNA_F
ClientSampled :
SB-3

Tgt Ion:252 Resp: 584
Ion Ratio Lower Upper
252 100
253 86.9 18.0 27.0#
125 186.1 9.1 13.7#

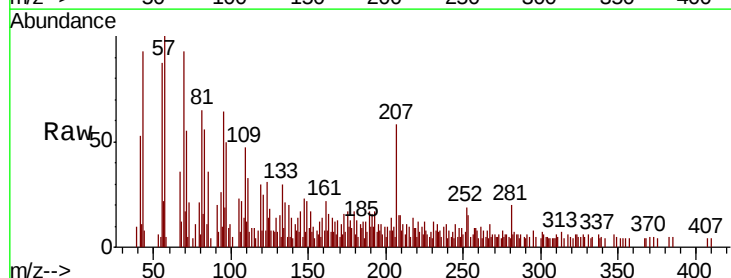


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

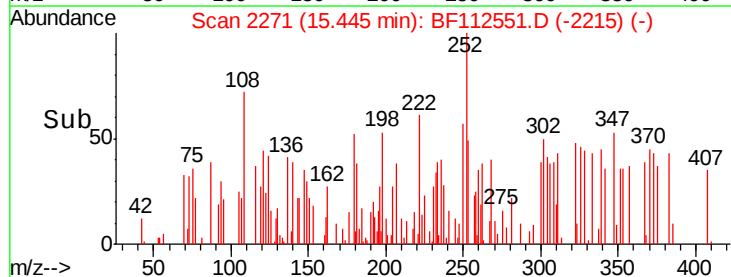
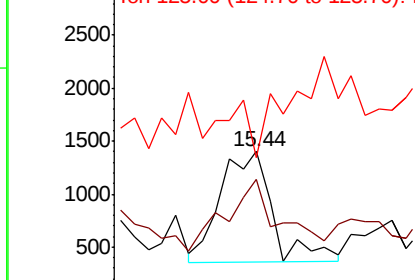


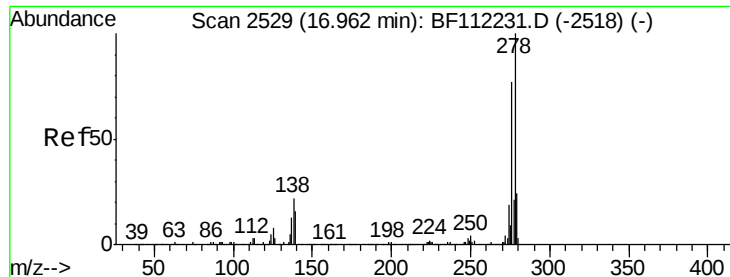
#90
Benzo(a)pyrene
Concen: 0.194 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.03 min
Lab File: BF112551.D
Acq: 13 Feb 2019 21:01

Tgt Ion:252 Resp: 1624
Ion Ratio Lower Upper
252 100
253 80.9 17.5 26.3#
125 96.2 9.0 13.4#



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: 0.037 ng

RT: 17.00 min Scan# 2535

Delta R.T. 0.04 min

Lab File: BF112551.D

Acq: 13 Feb 2019 21:01

Instrument :

BNA_F

ClientSampleId :

SB-3

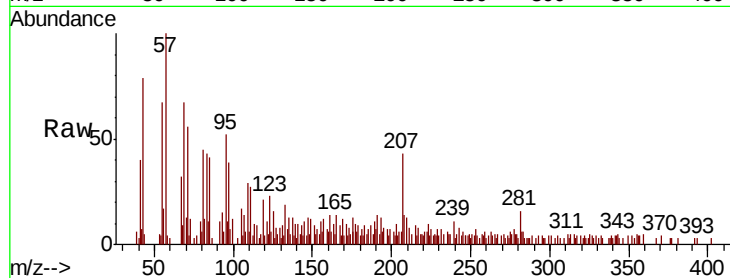
Tgt Ion: 278 Resp: 251

Ion Ratio Lower Upper

278 100

139 178.5 13.7 20.5#

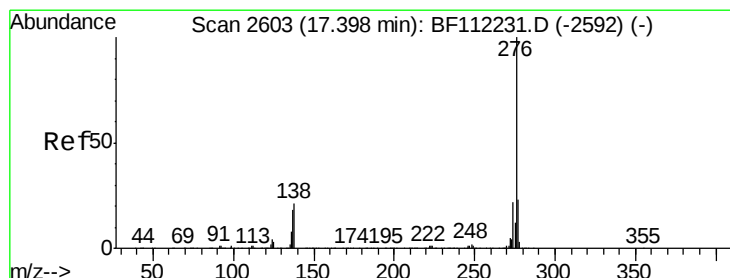
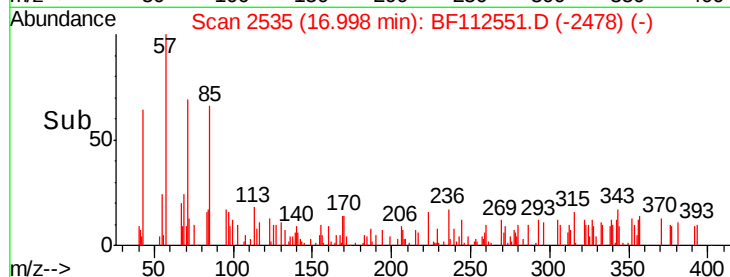
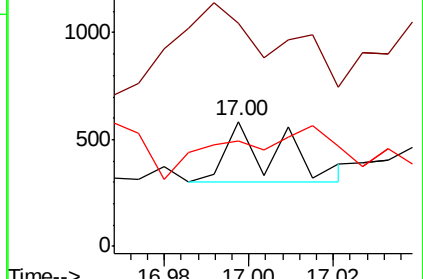
279 84.1 19.0 28.6#



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: 0.086 ng

RT: 17.41 min Scan# 2605

Delta R.T. 0.01 min

Lab File: BF112551.D

Acq: 13 Feb 2019 21:01

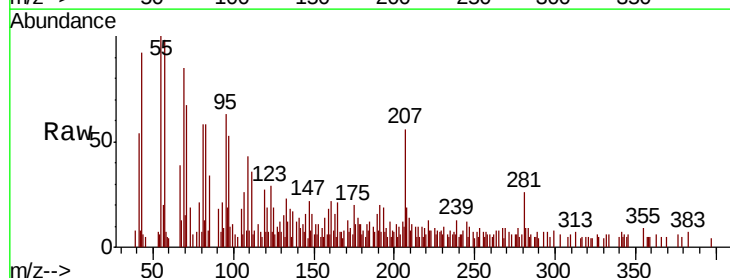
Tgt Ion: 276 Resp: 544

Ion Ratio Lower Upper

276 100

277 157.1 19.4 29.0#

138 0.0 19.1 28.7#



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

