

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021319\
 Data File : BF112549.D
 Acq On : 13 Feb 2019 20:04
 Operator : JU/SJ
 Sample : K1458-11 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-7

Quant Time: Feb 14 04:15:13 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	103966	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	386123	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	148013	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	252589	20.00	ng	0.00
76) Chrysene-d12	14.02	240	207616	20.00	ng	0.00
87) Perylene-d12	15.50	264	140939	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	255516	52.20	ng	-0.01
7) Phenol-d6	6.49	99	329082	48.38	ng	0.00
23) Nitrobenzene-d5	7.40	82	189981	28.35	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	57104	33.15	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	331332	31.66	ng	-0.01
79) Terphenyl-d14	12.94	244	279829	25.39	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Aniline	6.50	93	282	0.035	ng	# 1
9) Benzaldehyde	6.48	77	448	0.126	ng	# 1
10) Phenol	6.50	94	16164	2.166	ng	# 85
11) bis(2-Chloroethyl)ether	6.62	93	275	0.047	ng	# 1
15) Benzyl Alcohol	6.99	79	3525	0.615	ng	# 44
18) Hexachloroethane	7.40	117	111	0.040	ng	# 2
19) n-Nitroso-di-n-propylamine	7.40	70	24413	5.205	ng	# 81
22) Acetophenone	7.23	105	314	0.033	ng	# 29
24) Nitrobenzene	7.39	77	701	0.105	ng	# 37
25) Isophorone	7.40	82	189980	18.071	ng	# 63
28) bis(2-Chloroethoxy)methane	7.71	93	401	0.056	ng	# 10
31) Naphthalene	8.14	128	865	0.048	ng	# 67
35) Caprolactam	8.53	113	385	0.198	ng	# 1
36) 4-Chloro-3-methylphenol	8.66	107	120	0.021	ng	# 17
37) 2-Methylnaphthalene	8.84	142	963	0.078	ng	# 82
38) 1-Methylnaphthalene	8.94	142	738	0.062	ng	# 58
46) 1,1'-Biphenyl	9.30	154	509	0.039	ng	# 74
47) 2-Chloronaphthalene	9.59	162	107	0.011	ng	# 1
48) 2-Nitroaniline	9.59	65	455	0.166	ng	# 1
49) Acenaphthylene	9.56	152	139	0.009	ng	# 59
50) Dimethylphthalate	9.59	163	31868	2.771	ng	# 97
51) 2,6-Dinitrotoluene	9.87	165	19465	7.558	ng	# 32
52) Acenaphthene	9.87	154	374	0.043	ng	# 5
53) 3-Nitroaniline	9.58	138	119	0.043	ng	# 1
57) 2,4-Dinitrotoluene	9.87	165	19465	5.937	ng	# 30
58) Fluorene	10.43	166	123	0.012	ng	# 92
60) Diethylphthalate	10.29	149	307	0.027	ng	# 58
63) Azobenzene	10.53	77	109	0.011	ng	# 49
66) n-Nitrosodiphenylamine	10.53	169	418	0.049	ng	# 24
67) 4-Bromophenyl-phenylether	10.67	248	3158	1.063	ng	# 1
71) Phenanthrene	11.39	178	1703	0.130	ng	# 88
72) Anthracene	11.45	178	258	0.020	ng	# 60
73) Carbazole	11.63	167	108	0.008	ng	# 59
74) Di-n-butylphthalate	11.91	149	1188	0.074	ng	# 77

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
75) Fluoranthene	12.59	202	3174	0.225	ng	95
77) Benzidine	12.69	184	470	0.082	ng #	1
78) Pyrene	12.59	202	3174	0.221	ng	98
80) Butylbenzylphthalate	13.41	149	1650	0.237	ng #	70
81) Benzo(a)anthracene	14.00	228	3195	0.262	ng #	21
82) 3,3'-Dichlorobenzidine	13.93	252	1502	0.329	ng #	65
83) Chrysene	14.04	228	5161	0.443	ng #	53
84) Bis(2-ethylhexyl)phthalate	13.97	149	2171	0.220	ng #	65
85) Di-n-octyl phthalate	14.59	149	1113	0.073	ng #	48
86) Indeno(1,2,3-cd)pyrene	16.96	276	182	0.020	ng #	1
88) Benzo(b)fluoranthene	15.07	252	2891	0.343	ng #	1
89) Benzo(k)fluoranthene	15.07	252	2891	0.358	ng #	1
90) Benzo(a)pyrene	15.44	252	3651	0.481	ng #	1
91) Dibenzo(a,h)anthracene	16.99	278	289	0.047	ng #	1
92) Benzo(g,h,i)perylene	17.40	276	403	0.070	ng #	1

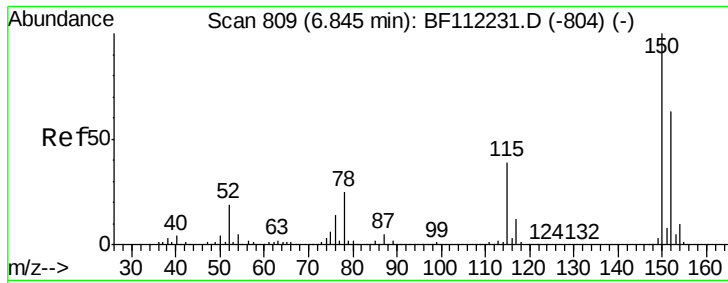
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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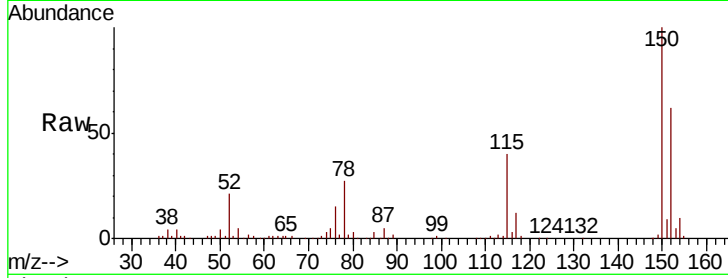


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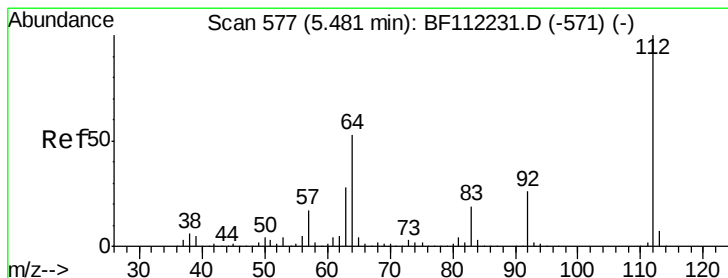
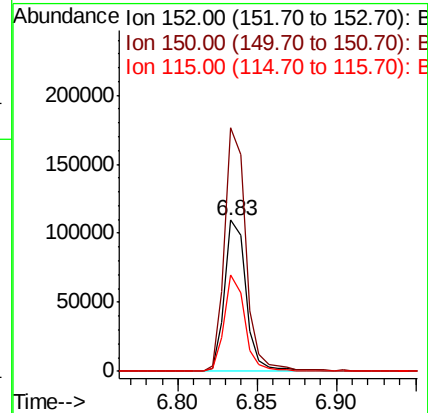
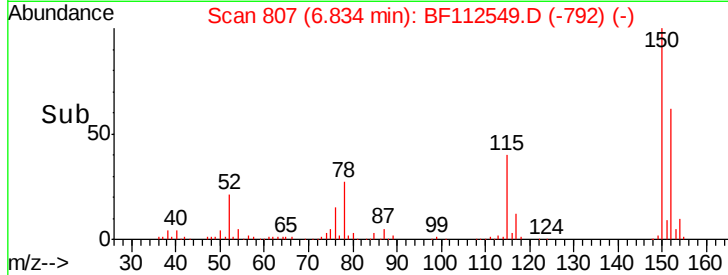
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112549.D
Acq: 13 Feb 2019 20:04

Instrument :
BNA_F
ClientSampled :
SB-7

Tgt Ion:152 Resp: 103966
Ion Ratio Lower Upper
152 100
150 161.3 127.4 191.0
115 63.9 45.5 68.3



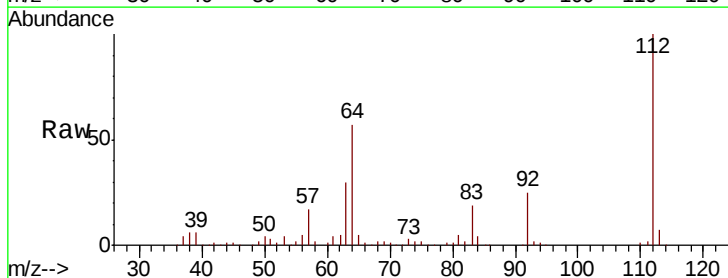
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



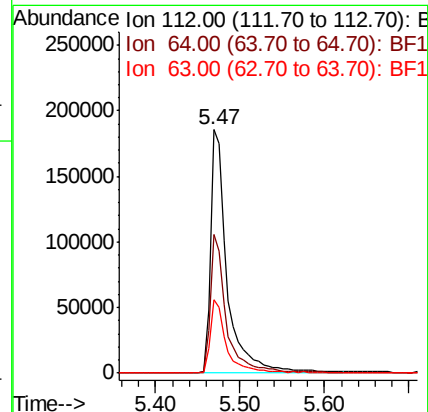
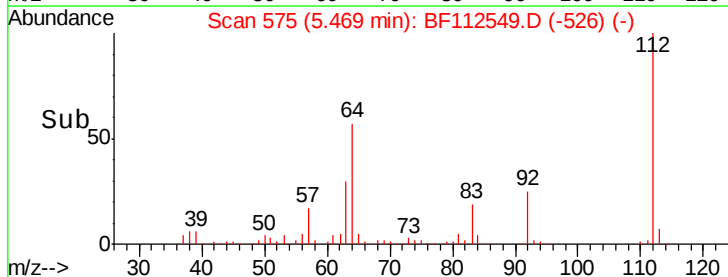
#5

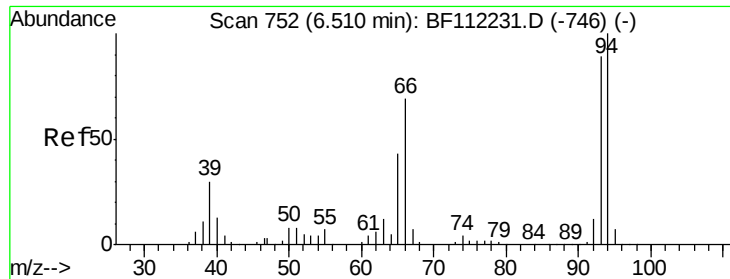
2-Fluorophenol
Concen: 52.203 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF112549.D
Acq: 13 Feb 2019 20:04

Tgt Ion:112 Resp: 255516
Ion Ratio Lower Upper
112 100
64 57.0 45.7 68.5
63 30.0 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: 0.035 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112549.D

Acq: 13 Feb 2019 20:04

Instrument :

BNA_F

ClientSampleId :

SB-7

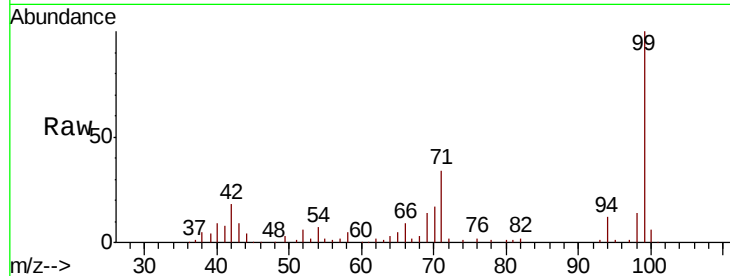
Tgt Ion: 93 Resp: 282

Ion Ratio Lower Upper

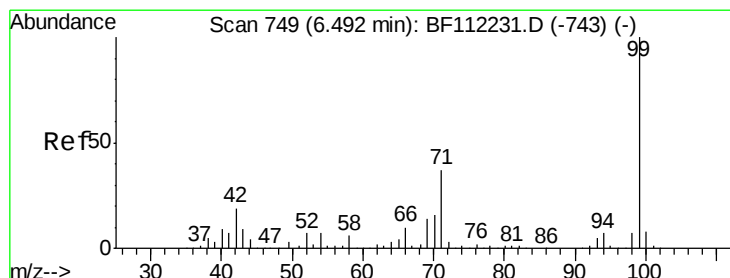
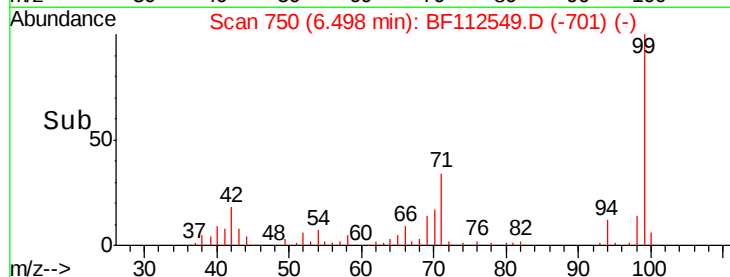
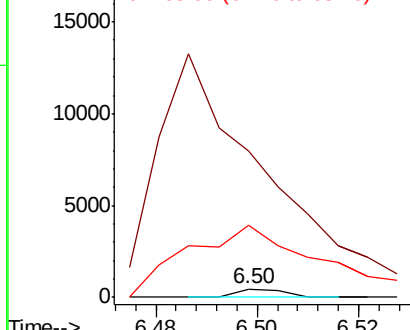
93 100

66 1733.0 43.4 65.2#

65 847.9 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: 48.384 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112549.D

Acq: 13 Feb 2019 20:04

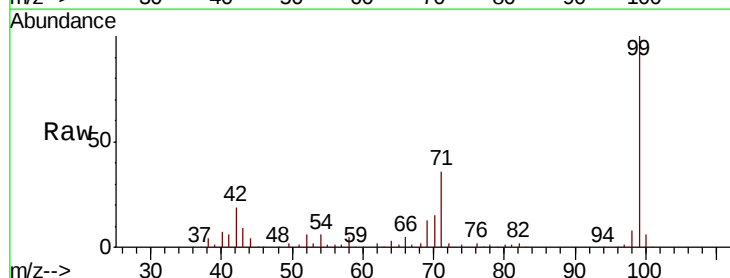
Tgt Ion: 99 Resp: 329082

Ion Ratio Lower Upper

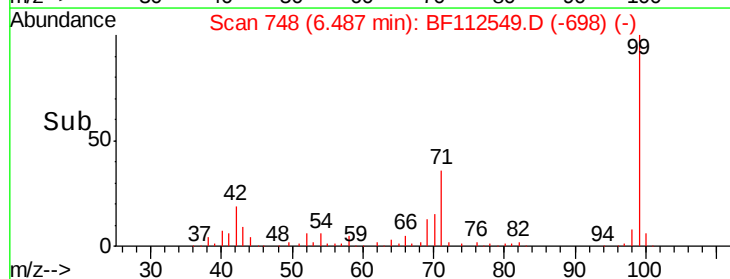
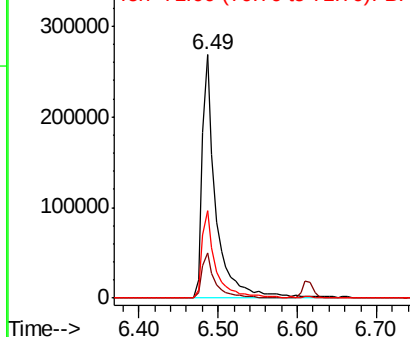
99 100

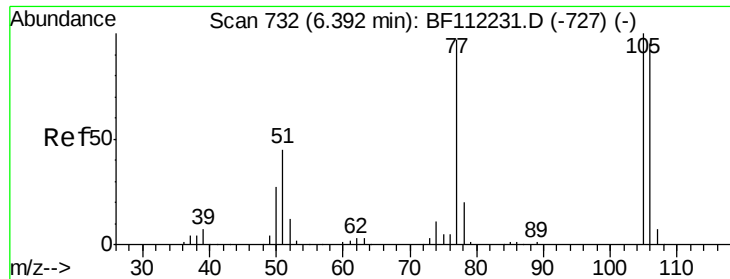
42 18.5 15.1 22.7

71 35.7 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: 0.126 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.09 min

Lab File: BF112549.D

Acq: 13 Feb 2019 20:04

Instrument :

BNA_F

ClientSampleId :

SB-7

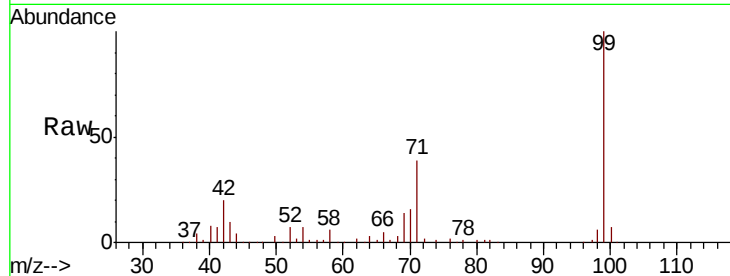
Tgt Ion: 77 Resp: 448

Ion Ratio Lower Upper

77 100

105 0.0 80.8 120.8#

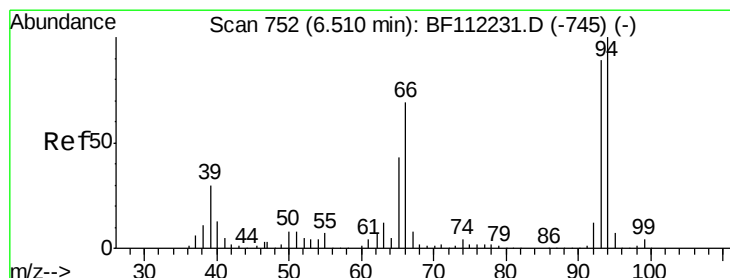
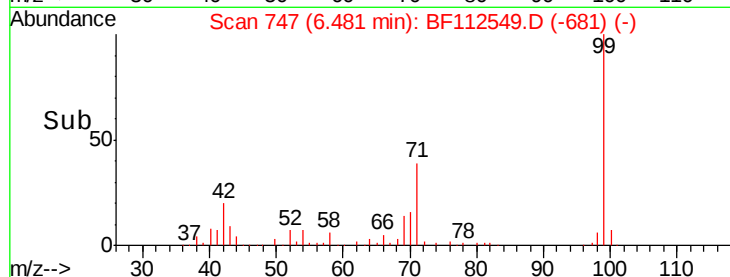
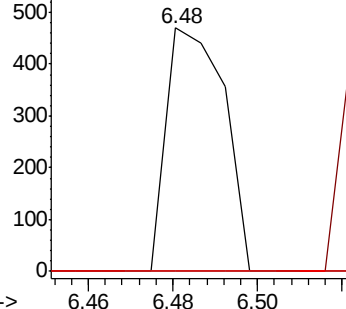
106 0.0 75.7 115.7#



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 2.166 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112549.D

Acq: 13 Feb 2019 20:04

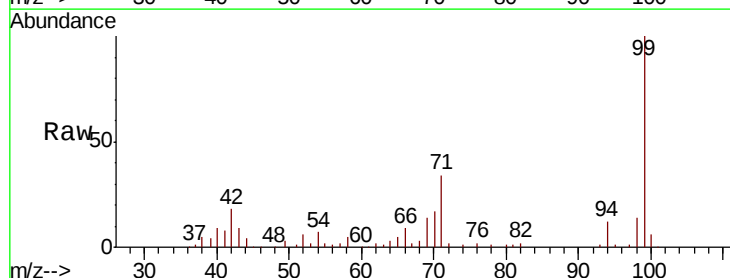
Tgt Ion: 94 Resp: 16164

Ion Ratio Lower Upper

94 100

65 39.4 20.3 60.3

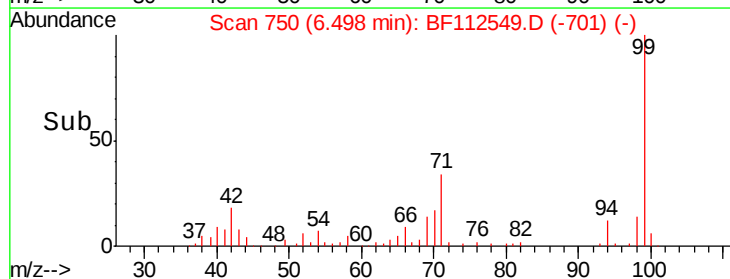
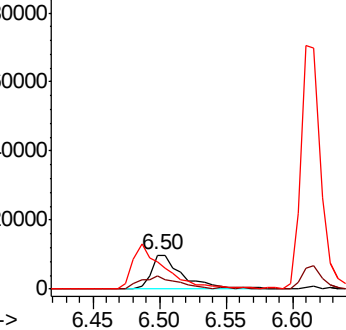
66 80.4 42.4 82.4

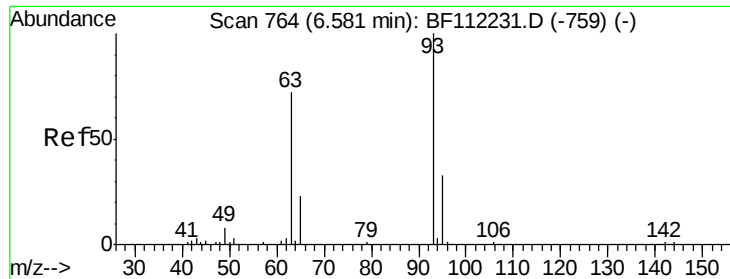


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

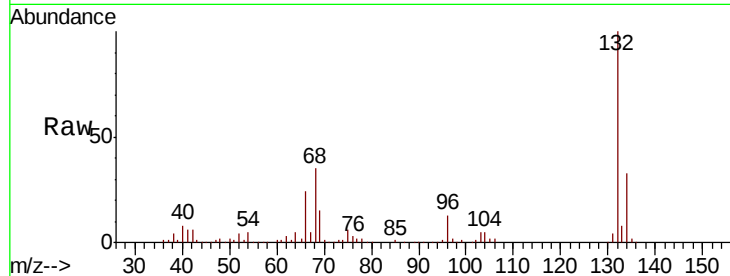




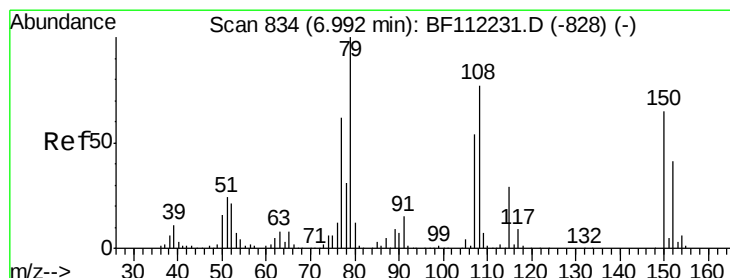
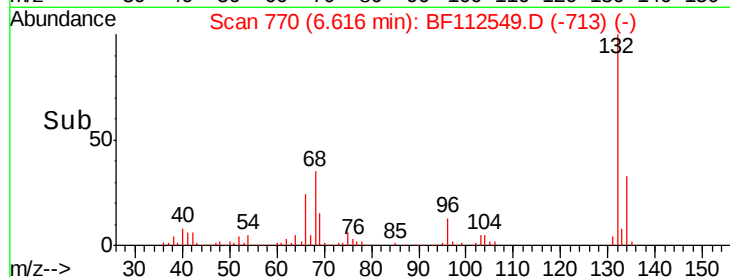
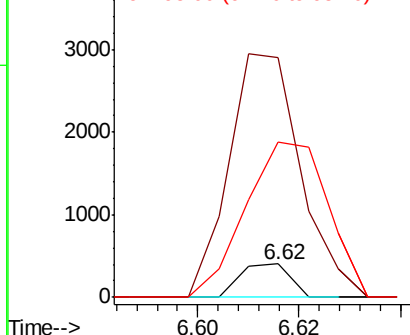
#11
bis(2-Chloroethyl)ether
Concen: 0.047 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.04 min
Lab File: BF112549.D
Acq: 13 Feb 2019 20:04

Instrument :
BNA_F
ClientSampleId :
SB-7

Tgt Ion: 93 Resp: 275
Ion Ratio Lower Upper
93 100
63 722.6 53.3 93.3#
95 468.4 13.4 53.4#

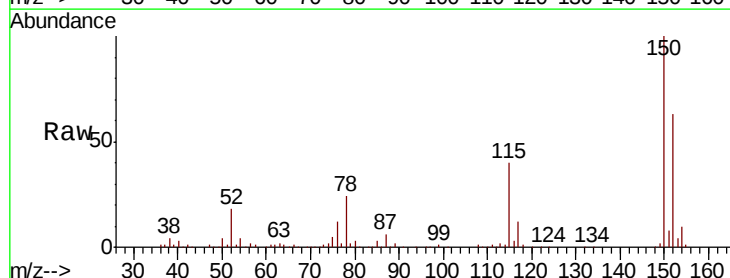


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

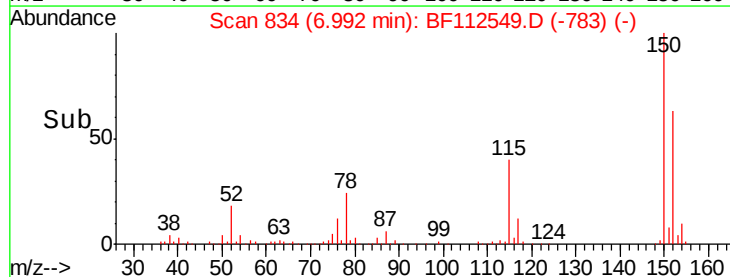
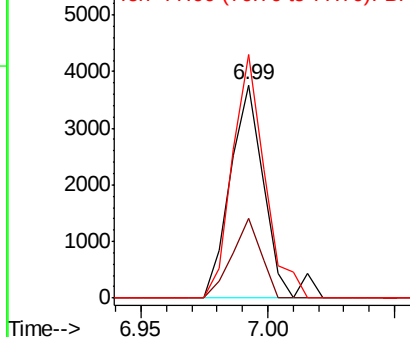


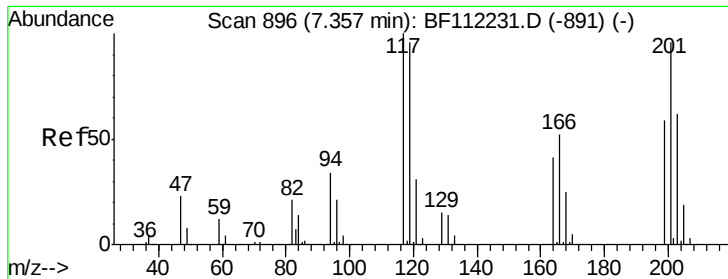
#15
Benzyl Alcohol
Concen: 0.615 ng
RT: 6.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF112549.D
Acq: 13 Feb 2019 20:04

Tgt Ion: 79 Resp: 3525
Ion Ratio Lower Upper
79 100
108 37.6 64.2 96.2#
77 114.2 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

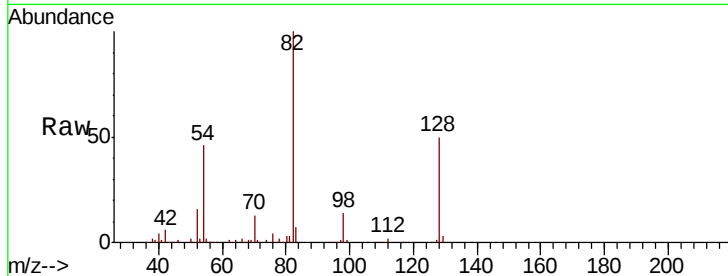




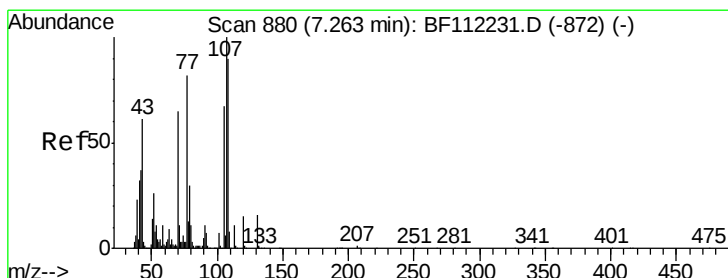
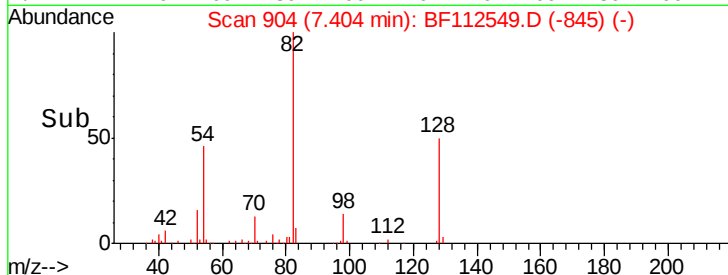
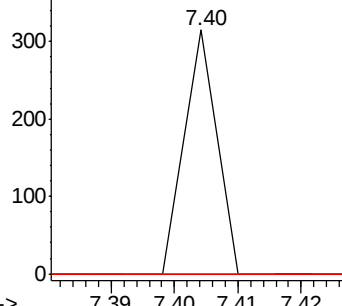
#18
Hexachloroethane
Concen: 0.040 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.05 min
Lab File: BF112549.D
Acq: 13 Feb 2019 20:04

Instrument :
BNA_F
ClientSampleId :
SB-7

Tgt Ion: 117 Resp: 111
Ion Ratio Lower Upper
117 100
119 0.0 77.0 115.4#
201 0.0 74.1 111.1#

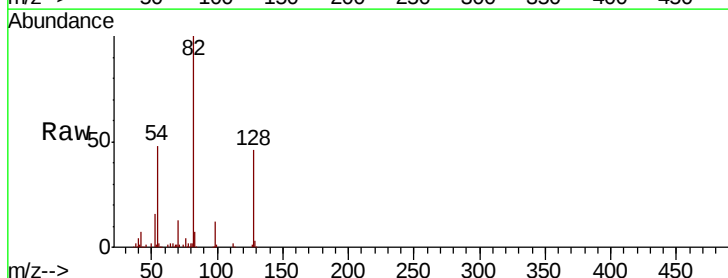


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

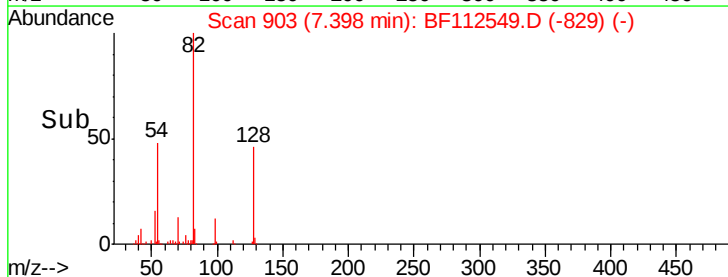
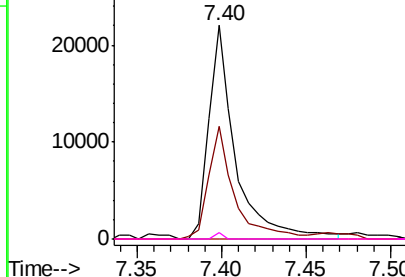


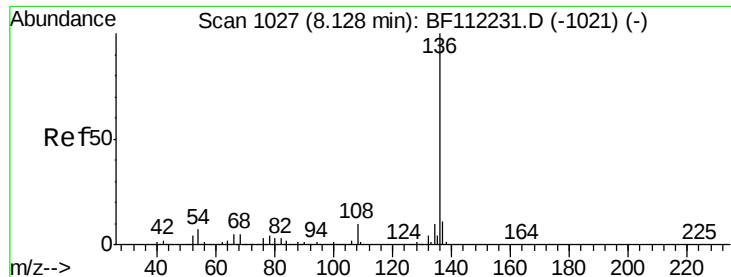
#19
n-Nitroso-di-n-propylamine
Concen: 5.205 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.14 min
Lab File: BF112549.D
Acq: 13 Feb 2019 20:04

Tgt Ion: 70 Resp: 24413
Ion Ratio Lower Upper
70 100
42 52.8 47.6 71.4
101 0.0 7.9 11.9#
130 2.9 18.4 27.6#



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

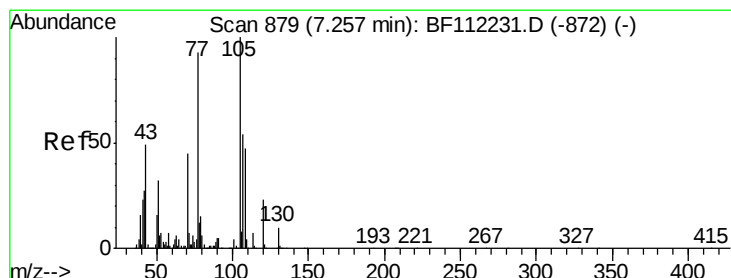
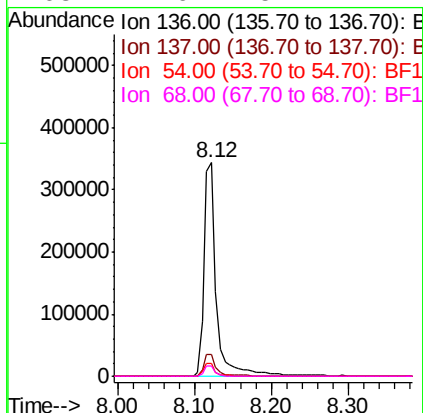
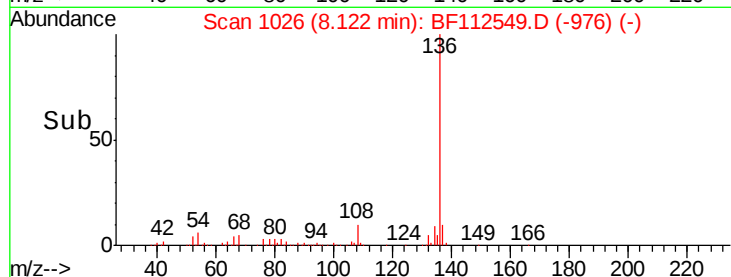
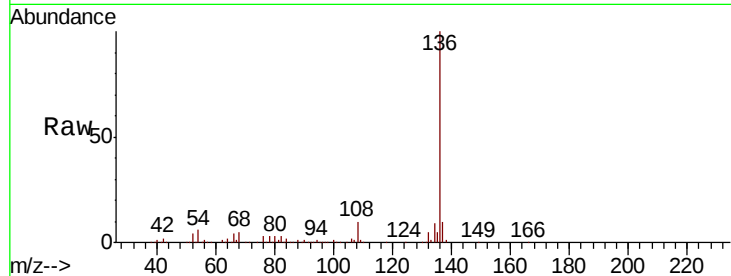




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF112549.D
Acq: 13 Feb 2019 20:04

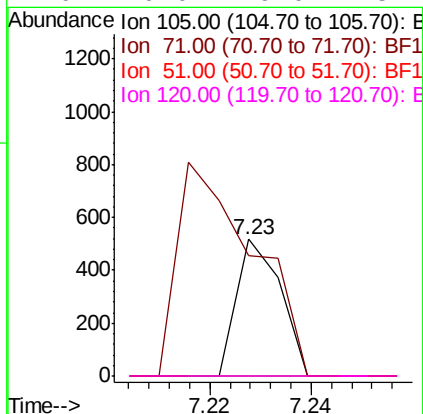
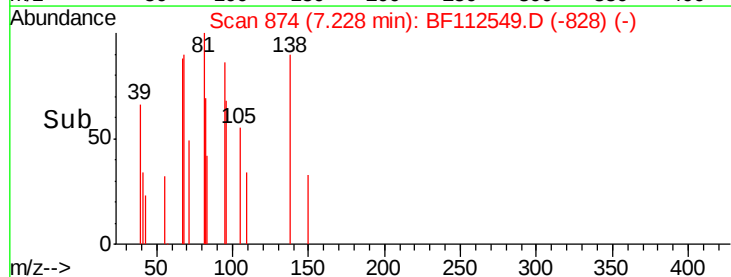
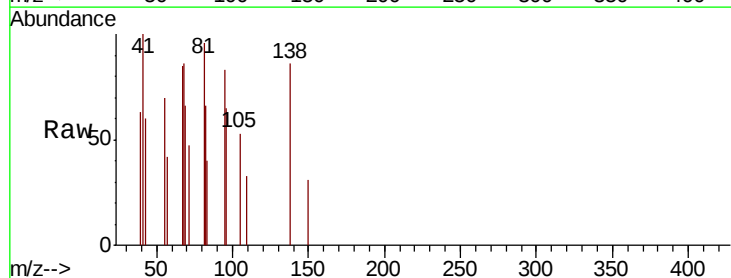
Instrument :
BNA_F
ClientSampled :
SB-7

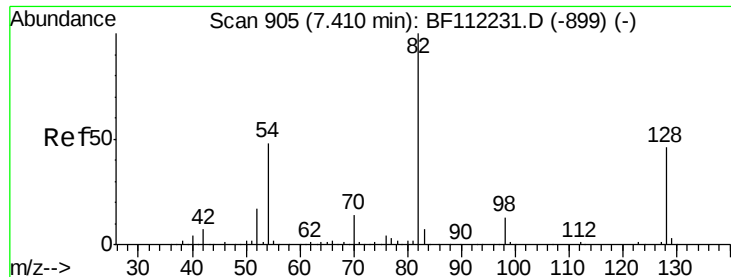
Tgt Ion:	136	Resp:	386123
Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.1	13.7
54	5.8	5.9	8.9#
68	4.6	5.1	7.7#



#22
Acetophenone
Concen: 0.033 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.03 min
Lab File: BF112549.D
Acq: 13 Feb 2019 20:04

Tgt Ion:	105	Resp:	314
Ion	Ratio	Lower	Upper
105	100		
71	88.2	4.6	6.8#
51	0.0	25.0	37.6#
120	0.0	19.0	28.4#

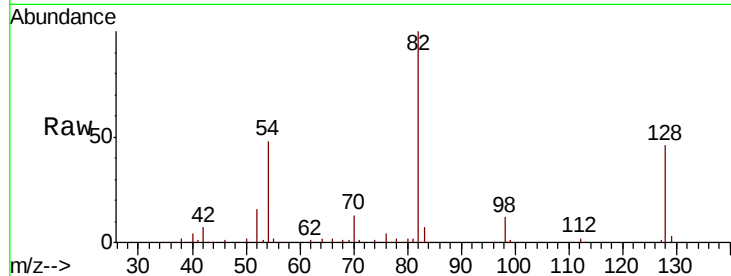




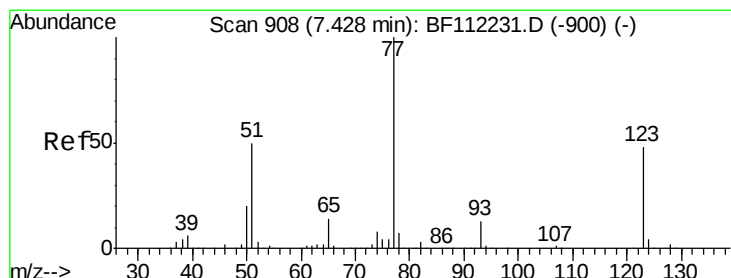
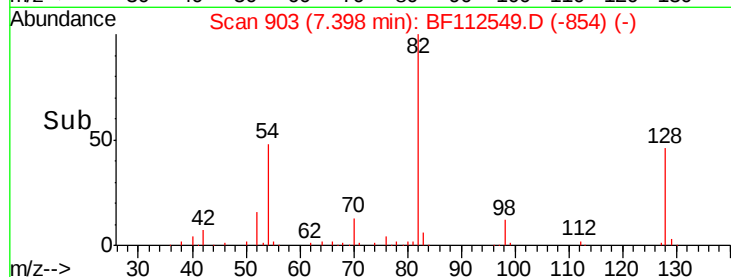
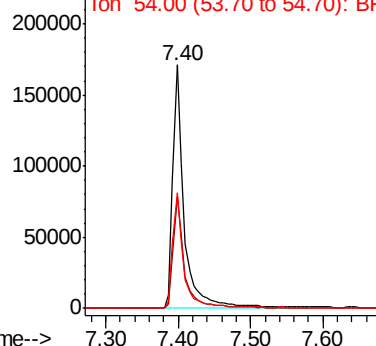
#23
 Nitrobenzene-d5
 Concen: 28.350 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF112549.D
 Acq: 13 Feb 2019 20:04

Instrument :
 BNA_F
 ClientSampled :
 SB-7

Tgt Ion: 82 Resp: 189981
 Ion Ratio Lower Upper
 82 100
 128 45.9 37.8 56.8
 54 47.7 39.7 59.5

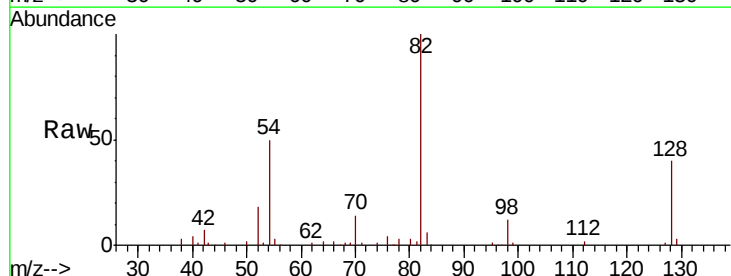


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

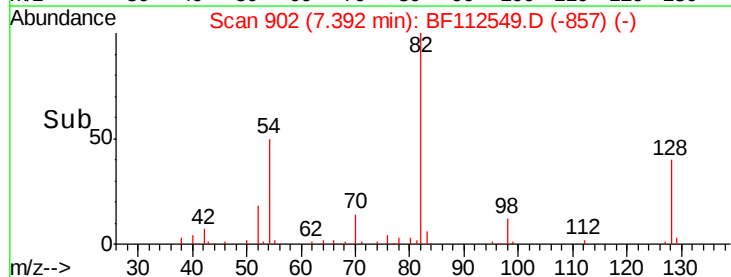
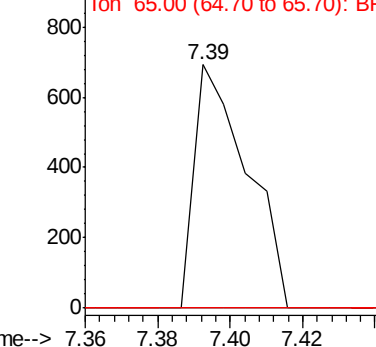


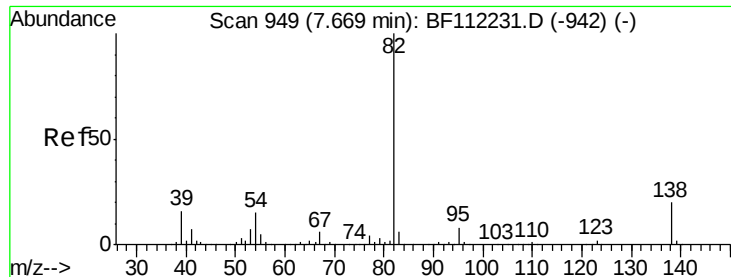
#24
 Nitrobenzene
 Concen: 0.105 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.04 min
 Lab File: BF112549.D
 Acq: 13 Feb 2019 20:04

Tgt Ion: 77 Resp: 701
 Ion Ratio Lower Upper
 77 100
 123 0.0 38.4 57.6#
 65 0.0 10.6 15.8#



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: 18.071 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.27 min

Lab File: BF112549.D

Acq: 13 Feb 2019 20:04

Instrument :

BNA_F

ClientSampled :

SB-7

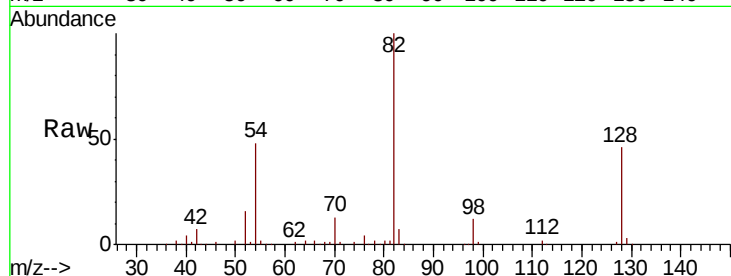
Tgt Ion: 82 Resp: 189980

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

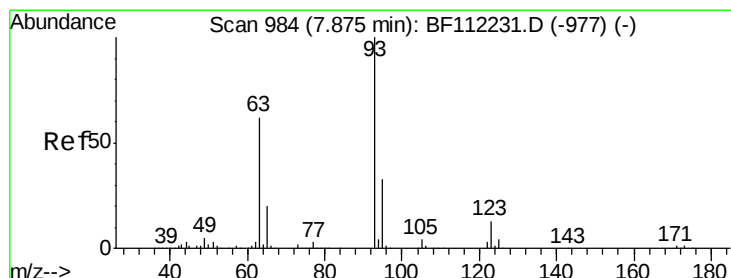
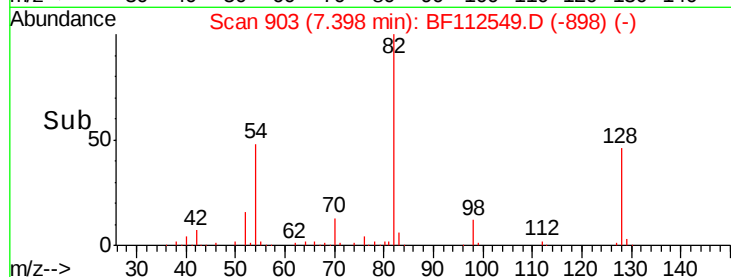
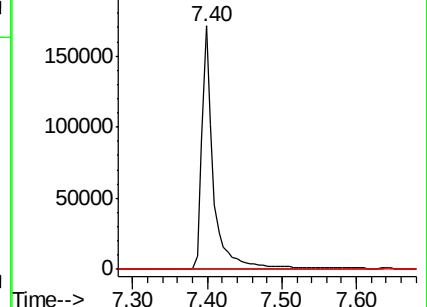
138 0.0 15.4 23.0#



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



#28

bis(2-Chloroethoxy)methane

Concen: 0.056 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.16 min

Lab File: BF112549.D

Acq: 13 Feb 2019 20:04

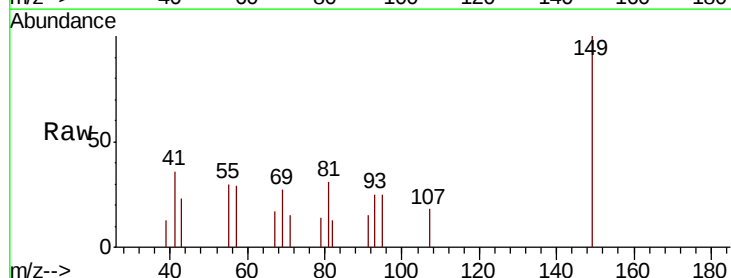
Tgt Ion: 93 Resp: 401

Ion Ratio Lower Upper

93 100

95 97.3 26.8 40.2#

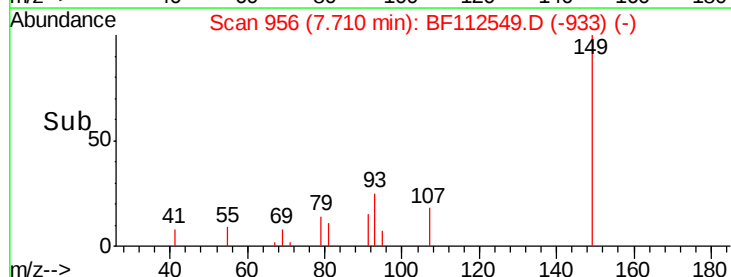
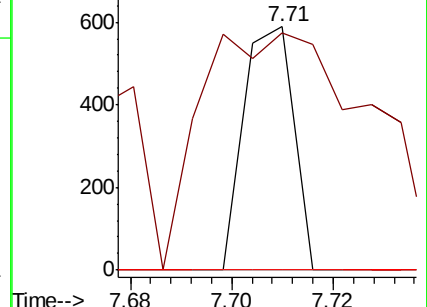
123 0.0 10.2 15.2#

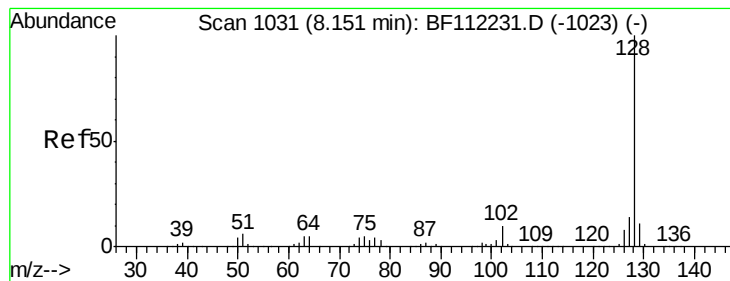


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): BF1





#31

Naphthalene

Concen: 0.048 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF112549.D

Acq: 13 Feb 2019 20:04

Instrument :

BNA_F

ClientSampleId :

SB-7

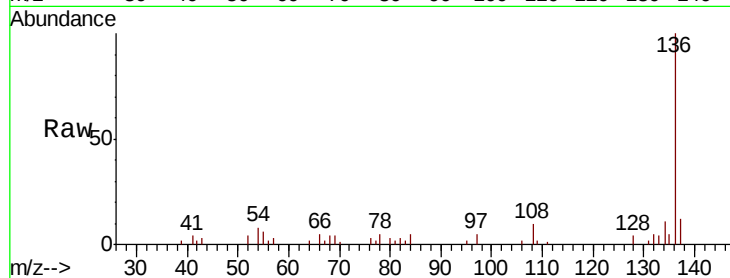
Tgt Ion:128 Resp: 865

Ion Ratio Lower Upper

128 100

129 0.0 9.6 14.4#

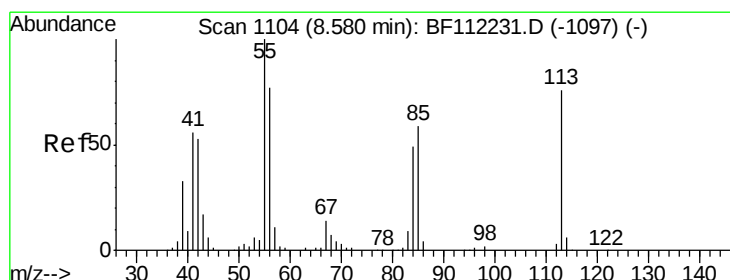
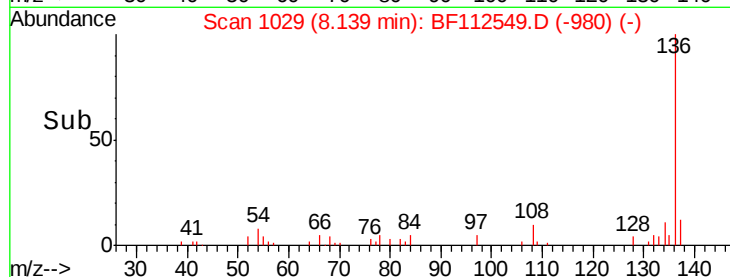
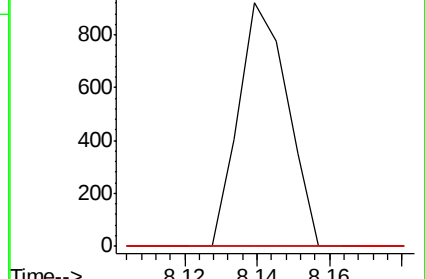
127 0.0 11.1 16.7#



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



#35

Caprolactam

Concen: 0.198 ng

RT: 8.53 min Scan# 1096

Delta R.T. -0.05 min

Lab File: BF112549.D

Acq: 13 Feb 2019 20:04

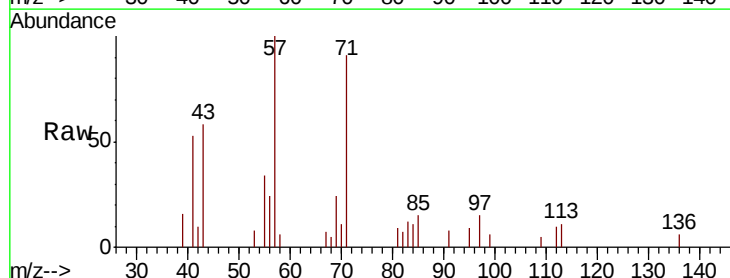
Tgt Ion:113 Resp: 385

Ion Ratio Lower Upper

113 100

55 301.9 121.6 161.6#

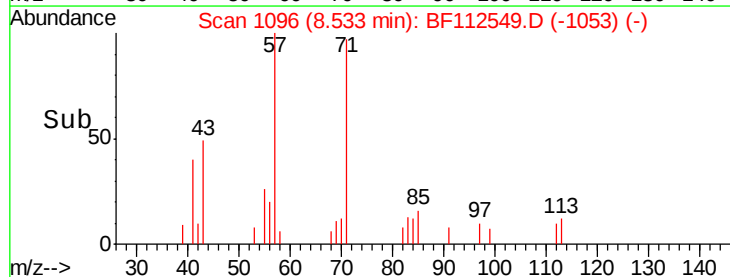
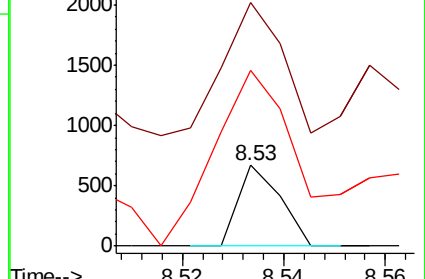
56 217.8 86.7 126.7#

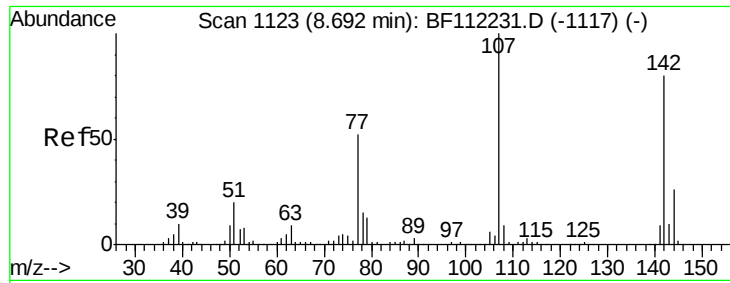


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1

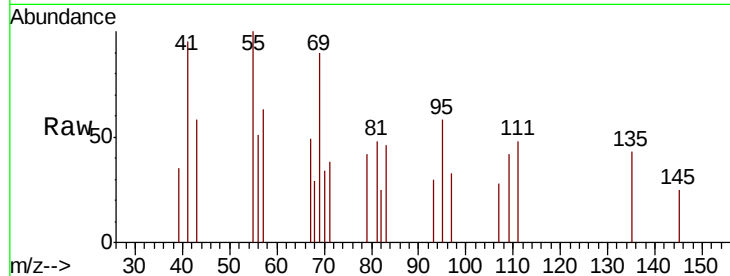




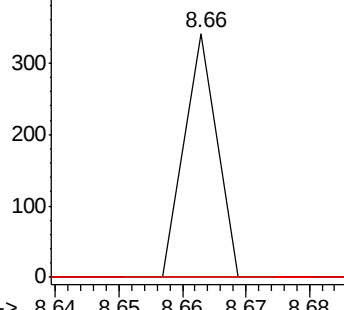
#36
 4-Chloro-3-methylphenol
 Concen: 0.021 ng
 RT: 8.66 min Scan# 1118
 Delta R.T. -0.03 min
 Lab File: BF112549.D
 Acq: 13 Feb 2019 20:04

Instrument :
 BNA_F
 ClientSampled :
 SB-7

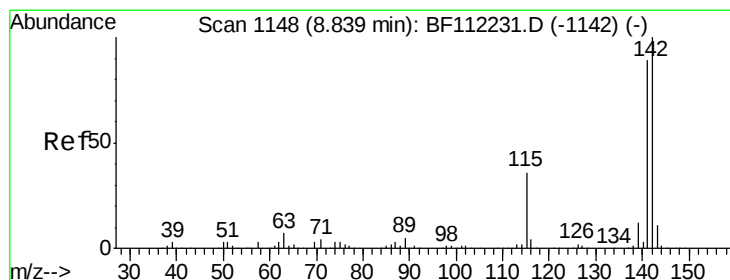
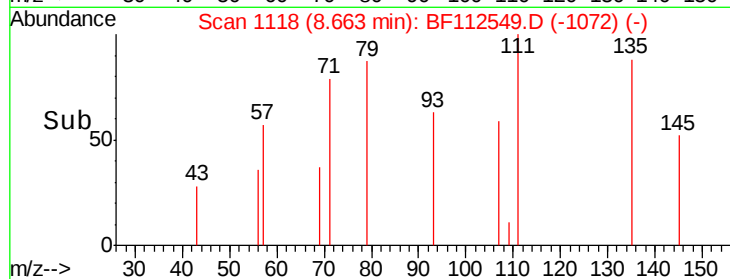
Tgt Ion:107 Resp: 120
 Ion Ratio Lower Upper
 107 100
 144 0.0 22.2 33.2#
 142 0.0 67.7 101.5#



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

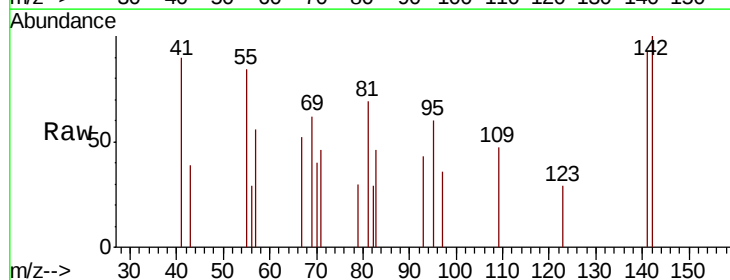


Time-->

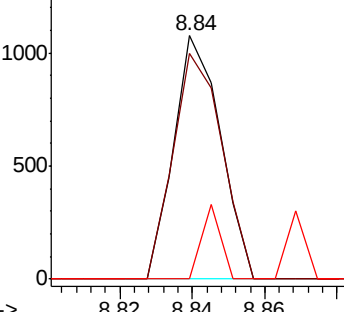


#37
 2-Methylnaphthalene
 Concen: 0.078 ng
 RT: 8.84 min Scan# 1148
 Delta R.T. 0.00 min
 Lab File: BF112549.D
 Acq: 13 Feb 2019 20:04

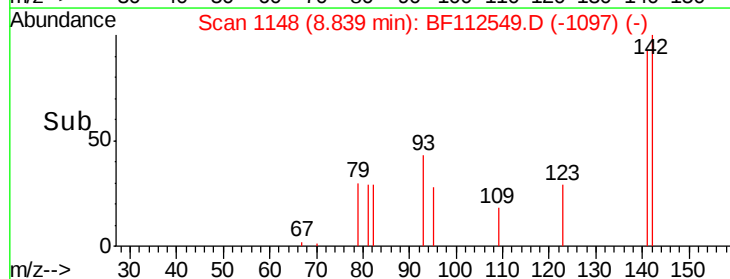
Tgt Ion:142 Resp: 963
 Ion Ratio Lower Upper
 142 100
 141 92.9 70.9 106.3
 115 0.0 24.9 37.3#

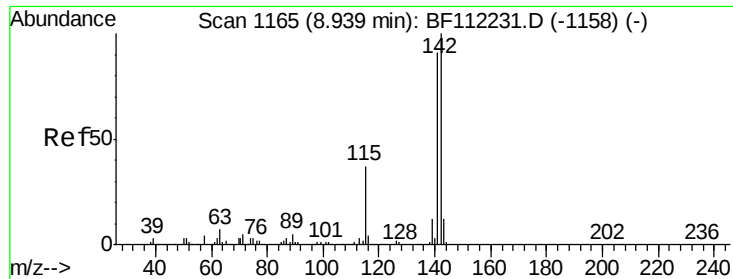


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E



Time-->

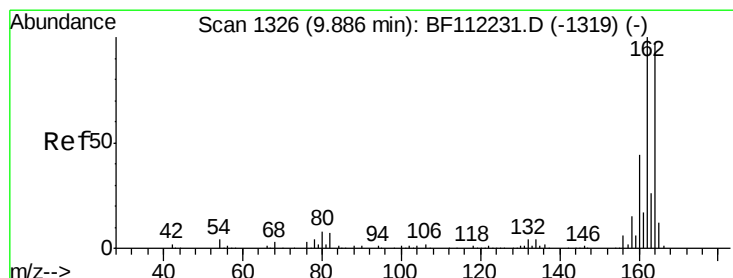
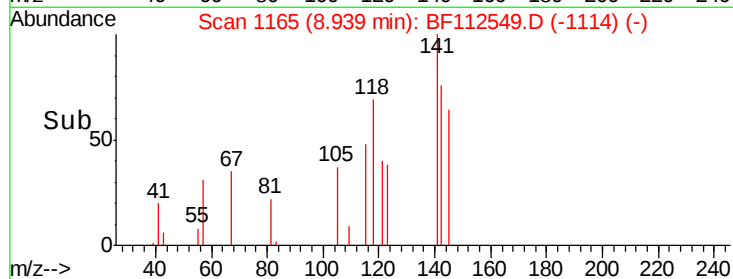
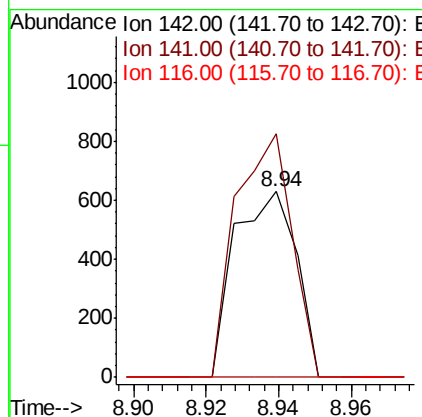
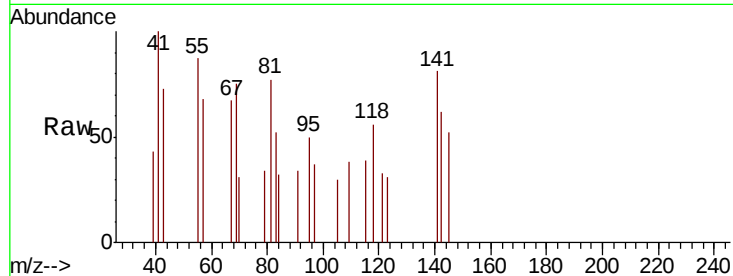




#38
 1-Methylnaphthalene
 Concen: 0.062 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. 0.00 min
 Lab File: BF112549.D
 Acq: 13 Feb 2019 20:04

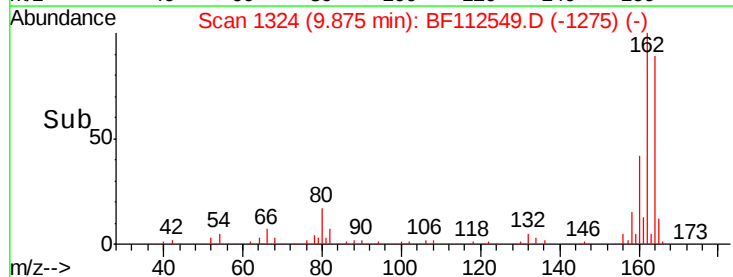
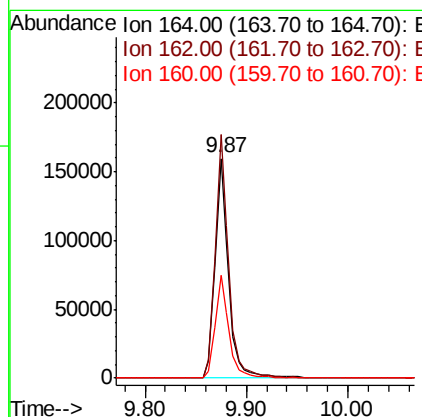
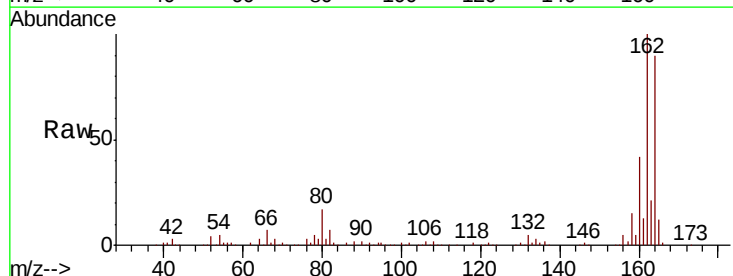
Instrument :
 BNA_F
 ClientSampled :
 SB-7

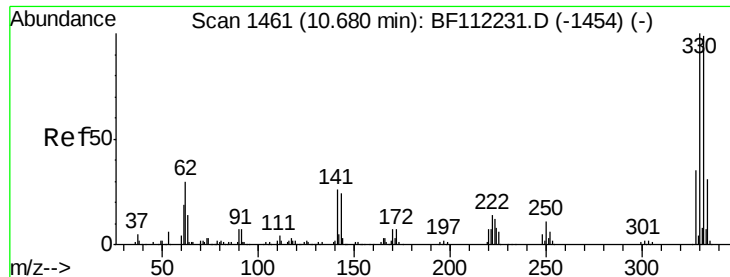
Tgt Ion:142 Resp: 738
 Ion Ratio Lower Upper
 142 100
 141 131.2 72.6 108.8#
 116 0.0 2.8 4.2#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF112549.D
 Acq: 13 Feb 2019 20:04

Tgt Ion:164 Resp: 148013
 Ion Ratio Lower Upper
 164 100
 162 111.0 82.2 123.4
 160 46.8 36.2 54.4

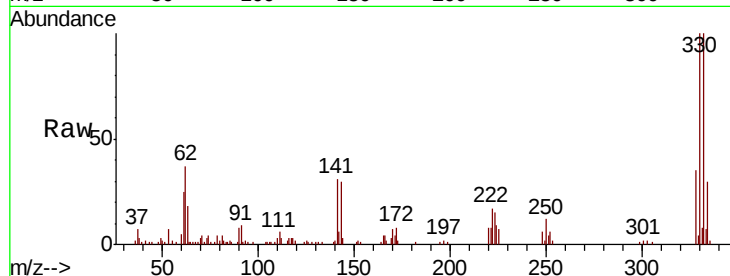




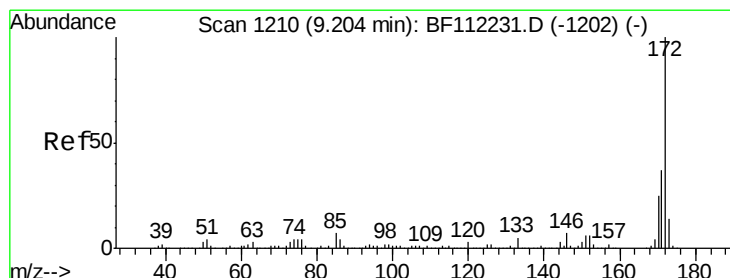
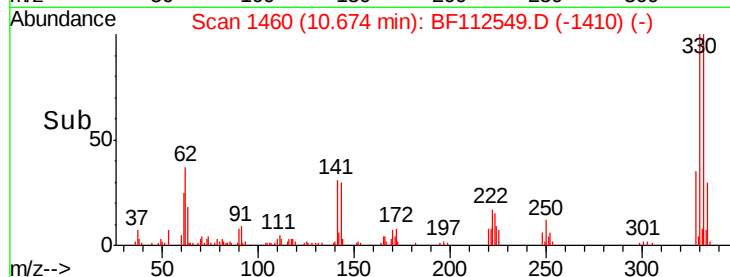
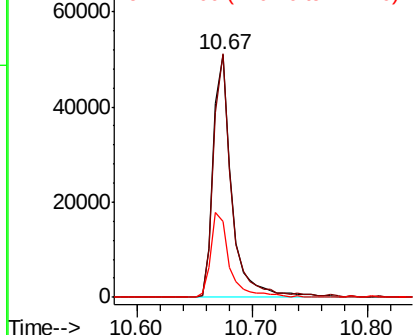
#42
 2,4,6-Tribromophenol
 Concen: 33.145 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF112549.D
 Acq: 13 Feb 2019 20:04

Instrument :
 BNA_F
 ClientSampleId :
 SB-7

Tgt Ion:330 Resp: 57104
 Ion Ratio Lower Upper
 330 100
 332 98.1 76.6 114.8
 141 35.5 24.3 36.5

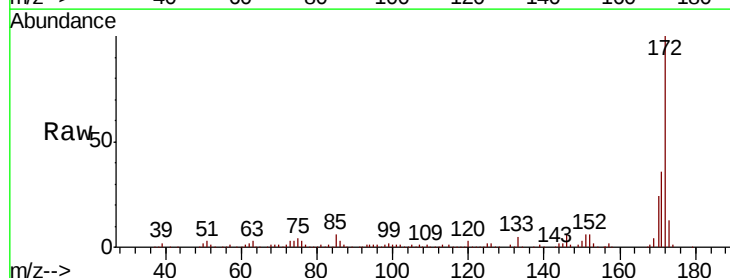


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

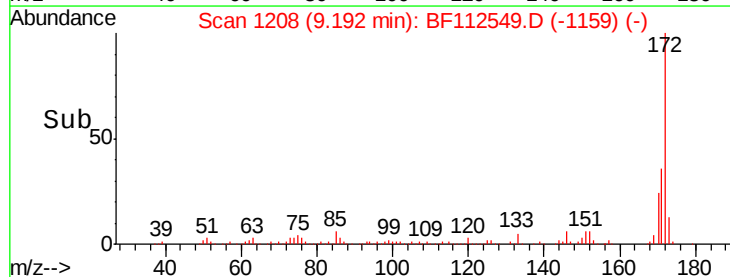
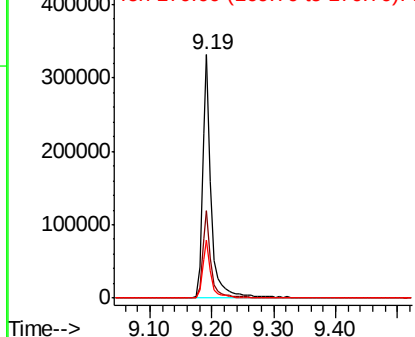


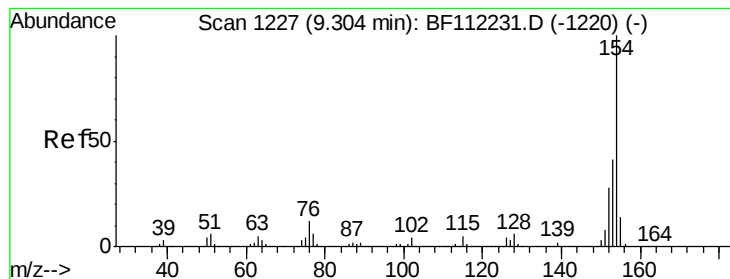
#45
 2-Fluorobiphenyl
 Concen: 31.660 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF112549.D
 Acq: 13 Feb 2019 20:04

Tgt Ion:172 Resp: 331332
 Ion Ratio Lower Upper
 172 100
 171 36.0 30.5 45.7
 170 24.0 20.2 30.4



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: 0.039 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF112549.D

Acq: 13 Feb 2019 20:04

Instrument :

BNA_F

ClientSampled :

SB-7

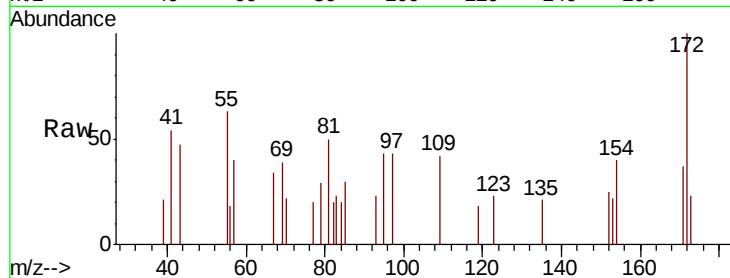
Tgt Ion:154 Resp: 509

Ion Ratio Lower Upper

154 100

153 56.7 21.5 61.5

76 0.0 0.0 33.1



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

9.30

600

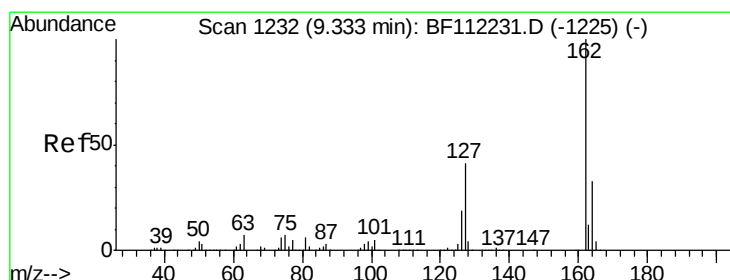
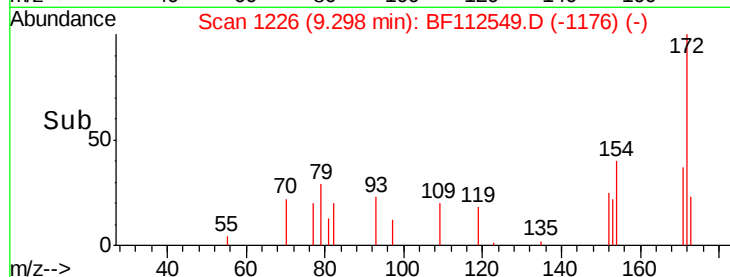
400

200

0

9.28 9.30 9.32

Time-->



#47

2-Chloronaphthalene

Concen: 0.011 ng

RT: 9.59 min Scan# 1276

Delta R.T. 0.26 min

Lab File: BF112549.D

Acq: 13 Feb 2019 20:04

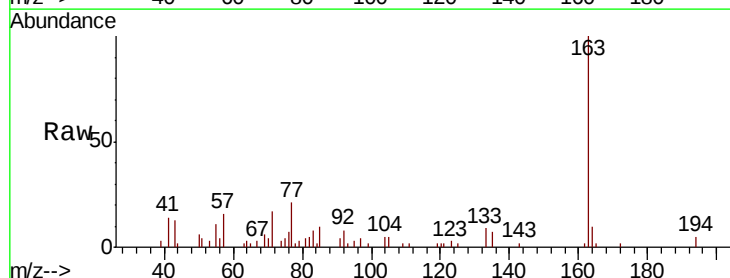
Tgt Ion:162 Resp: 107

Ion Ratio Lower Upper

162 100

127 0.0 30.4 45.6#

164 635.8 27.4 41.2#



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

3000

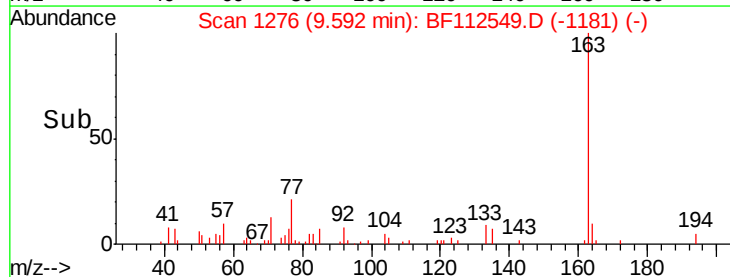
2000

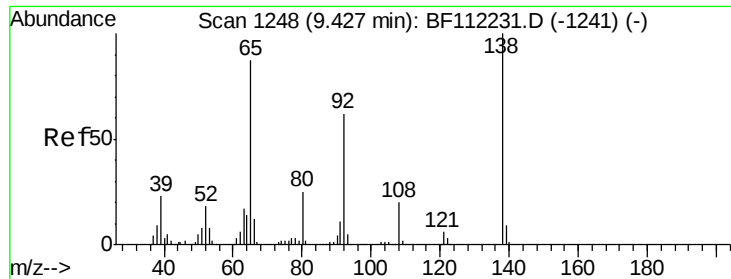
1000

0

9.58 9.59 9.60

Time-->

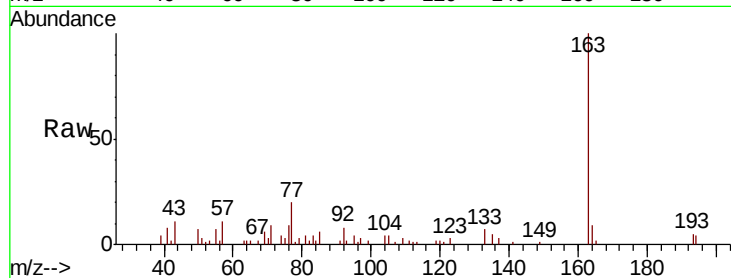




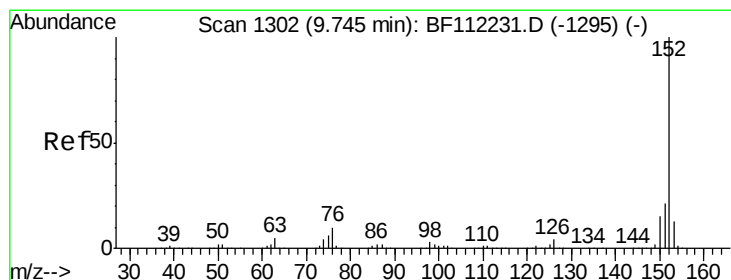
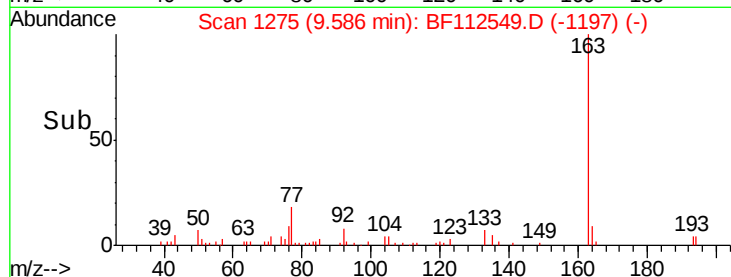
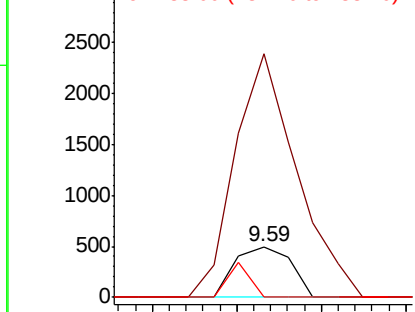
#48
2-Nitroaniline
Concen: 0.166 ng
RT: 9.59 min Scan# 1275
Delta R.T. 0.16 min
Lab File: BF112549.D
Acq: 13 Feb 2019 20:04

Instrument :
BNA_F
ClientSampleId :
SB-7

Tgt Ion: 65 Resp: 455
Ion Ratio Lower Upper
65 100
92 484.0 60.4 90.6#
138 0.0 104.4 156.6#

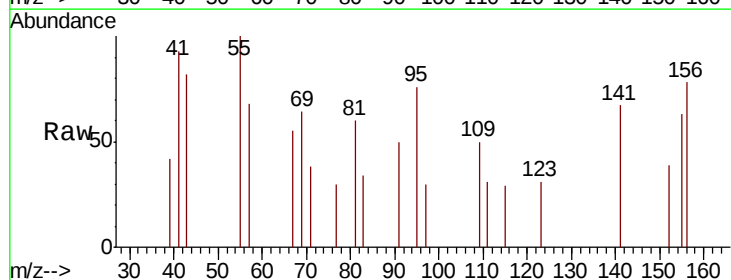


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E

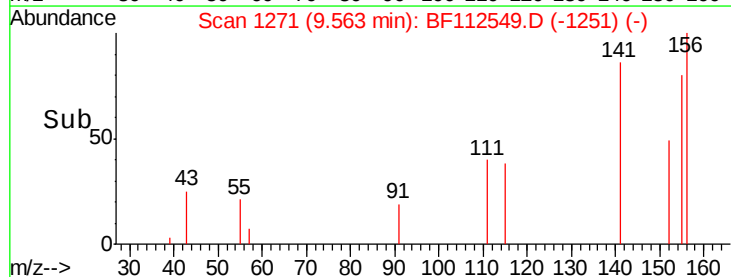
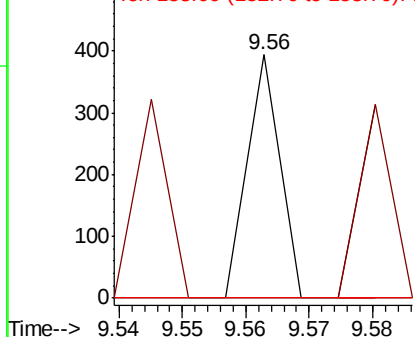


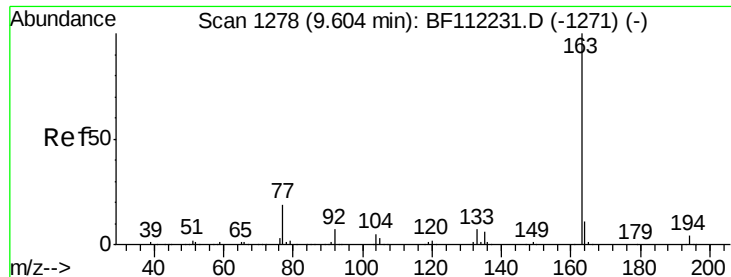
#49
Acenaphthylene
Concen: 0.009 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.18 min
Lab File: BF112549.D
Acq: 13 Feb 2019 20:04

Tgt Ion: 152 Resp: 139
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

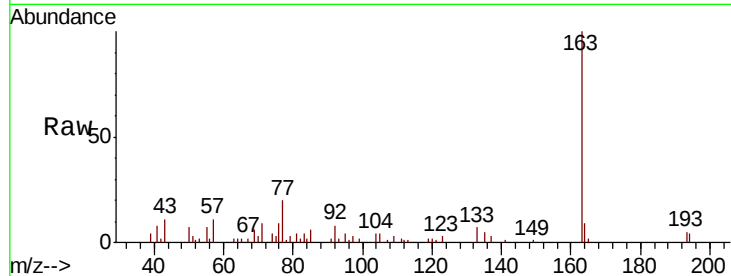




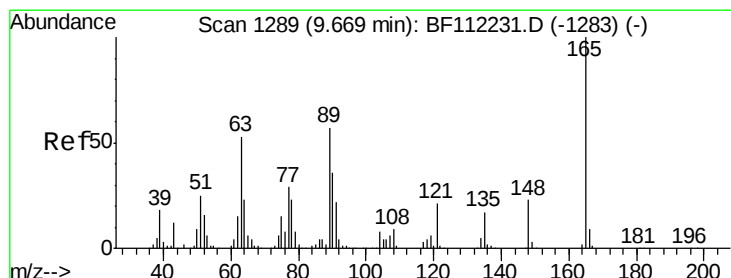
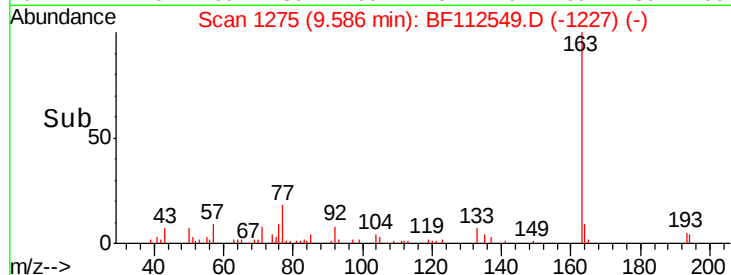
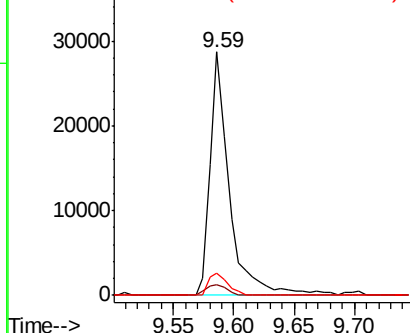
#50
Dimethylphthalate
Concen: 2.771 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF112549.D
Acq: 13 Feb 2019 20:04

Instrument :
BNA_F
ClientSampleId :
SB-7

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.3	4.9
164	9.2	8.5	12.7

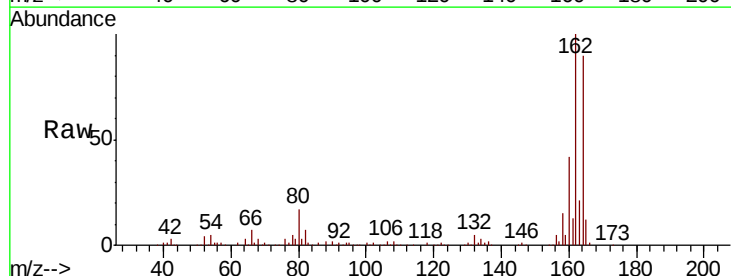


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

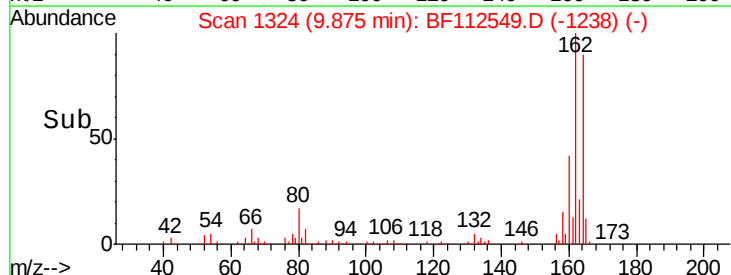
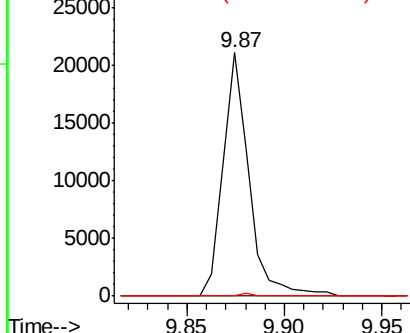


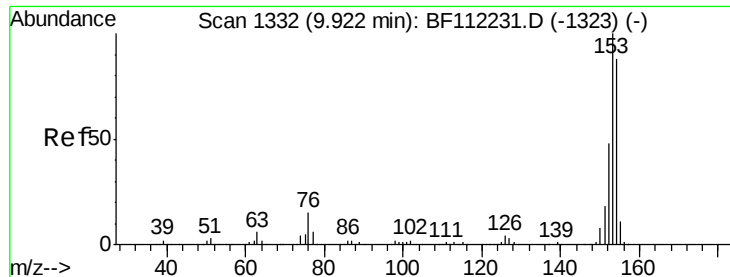
#51
2,6-Dinitrotoluene
Concen: 7.558 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.21 min
Lab File: BF112549.D
Acq: 13 Feb 2019 20:04

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.8	50.8#
89	0.0	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: 0.043 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.05 min

Lab File: BF112549.D

Acq: 13 Feb 2019 20:04

Instrument :

BNA_F

ClientSampleId :

SB-7

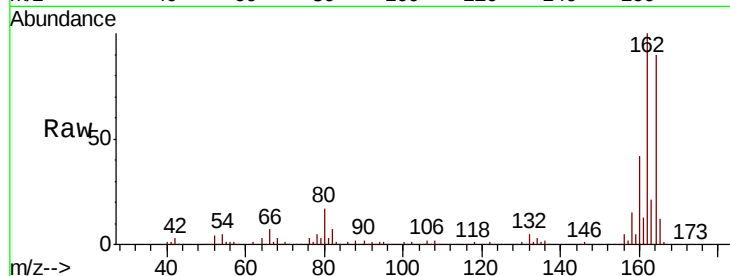
Tgt Ion:154 Resp: 374

Ion Ratio Lower Upper

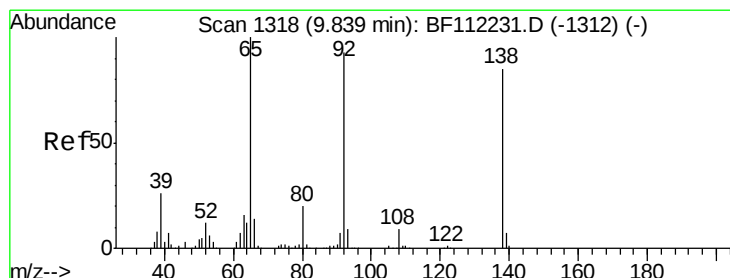
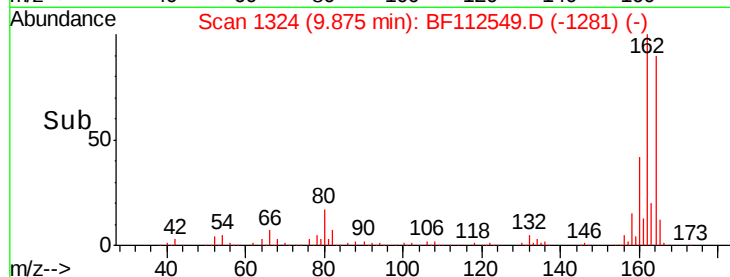
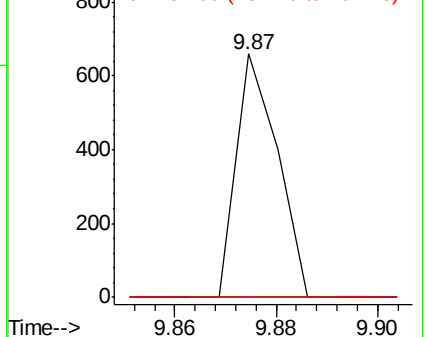
154 100

153 0.0 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



#53

3-Nitroaniline

Concen: 0.043 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.26 min

Lab File: BF112549.D

Acq: 13 Feb 2019 20:04

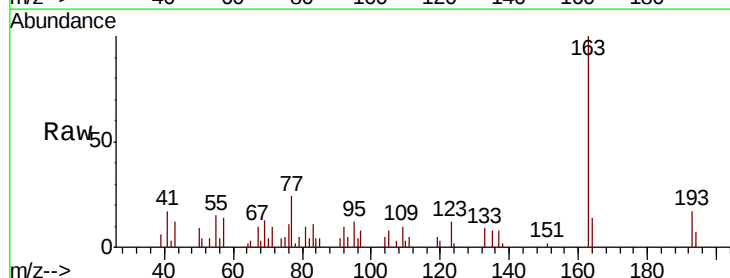
Tgt Ion:138 Resp: 119

Ion Ratio Lower Upper

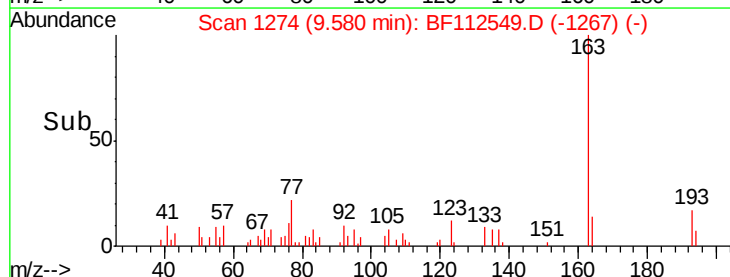
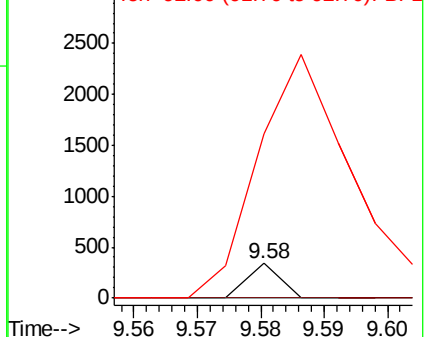
138 100

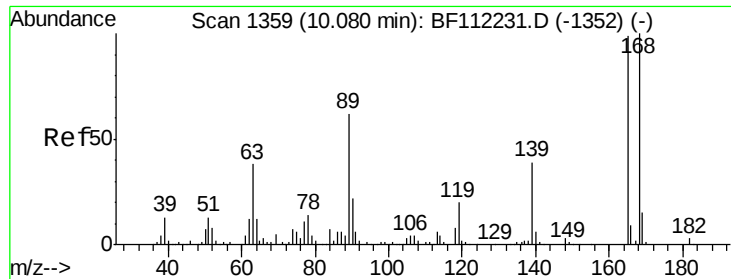
108 0.0 9.8 14.6#

92 476.3 79.4 119.2#



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

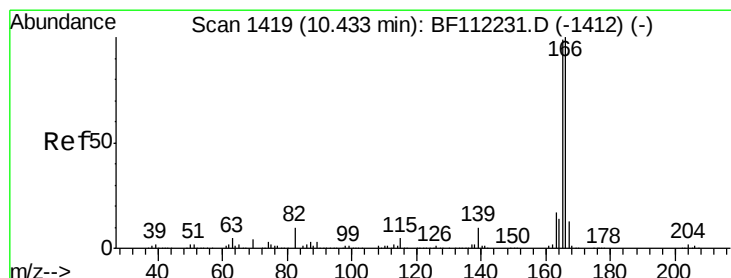
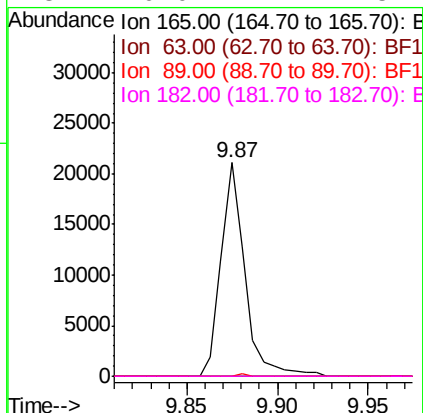
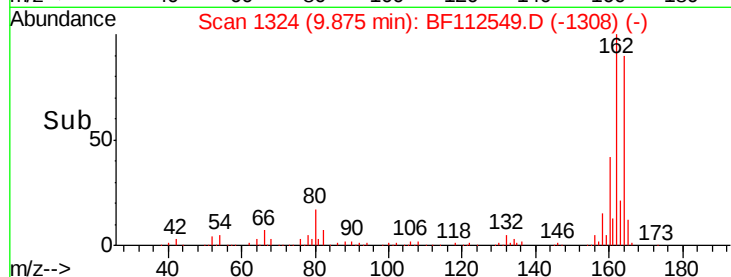
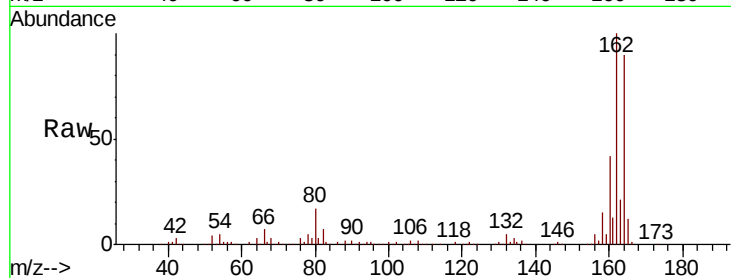




#57
2,4-Dinitrotoluene
Concen: 5.937 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.21 min
Lab File: BF112549.D
Acq: 13 Feb 2019 20:04

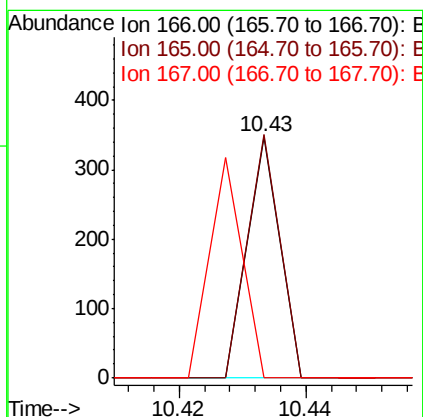
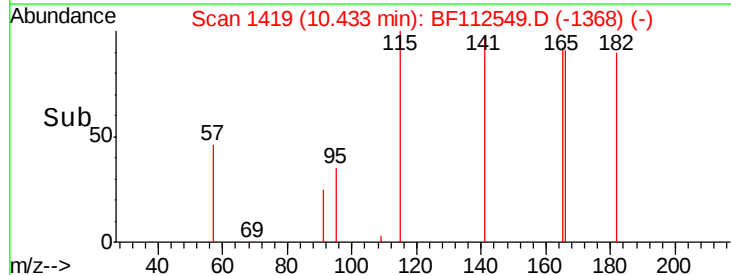
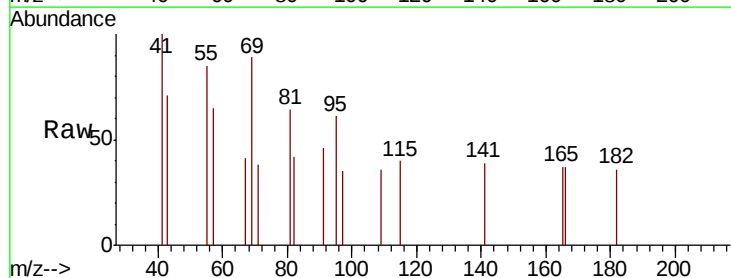
Instrument :
BNA_F
ClientSampleId :
SB-7

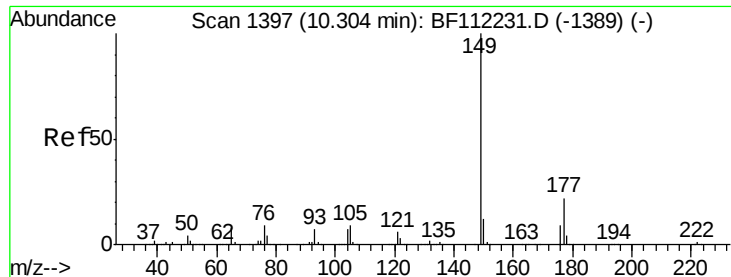
Tgt Ion:	165	Resp:	19465
Ion	Ratio	Lower	Upper
165	100		
63	0.0	27.9	41.9#
89	0.0	47.9	71.9#
182	0.0	2.2	3.4#



#58
Fluorene
Concen: 0.012 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF112549.D
Acq: 13 Feb 2019 20:04

Tgt Ion:	166	Resp:	123
Ion	Ratio	Lower	Upper
166	100		
165	100.9	77.1	115.7
167	0.0	11.3	16.9#





#60

Diethylphthalate

Concen: 0.027 ng

RT: 10.29 min Scan# 1394

Delta R.T. -0.02 min

Lab File: BF112549.D

Acq: 13 Feb 2019 20:04

Instrument :

BNA_F

ClientSampleId :

SB-7

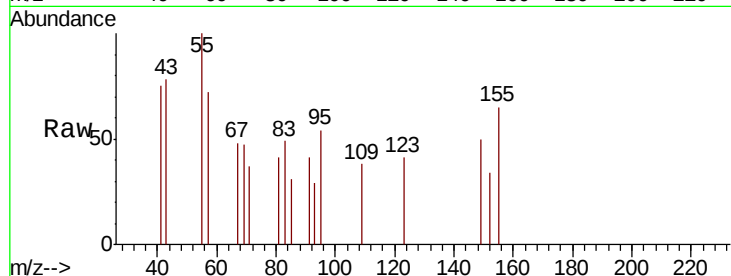
Tgt Ion: 149 Resp: 307

Ion Ratio Lower Upper

149 100

177 0.0 18.2 27.2#

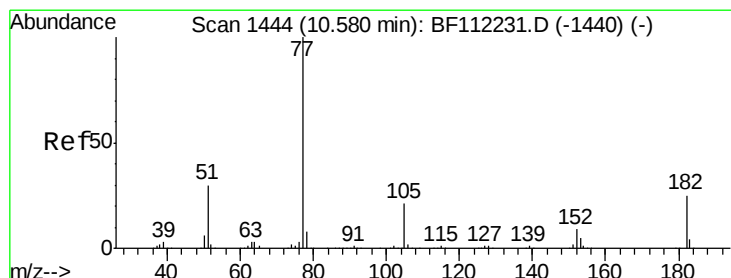
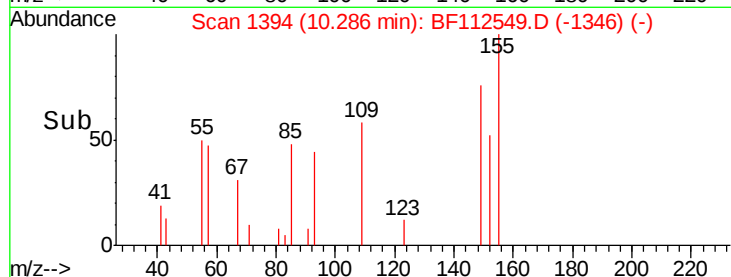
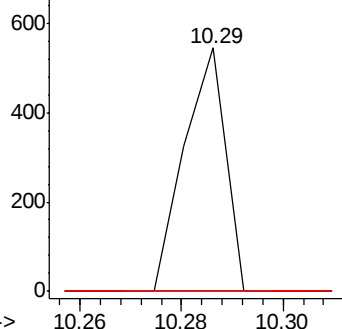
150 0.0 10.4 15.6#



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: 0.011 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.05 min

Lab File: BF112549.D

Acq: 13 Feb 2019 20:04

Tgt Ion: 77 Resp: 109

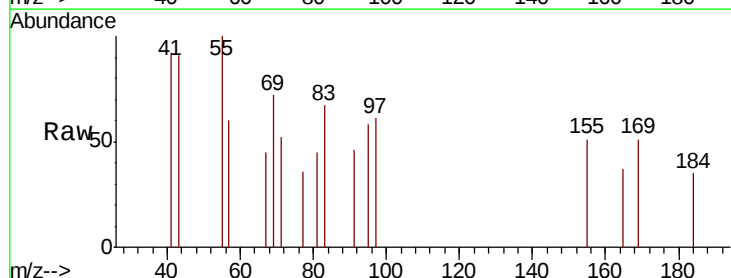
Ion Ratio Lower Upper

77 100

182 0.0 5.7 45.7#

105 0.0 1.4 41.4#

51 0.0 9.5 49.5#

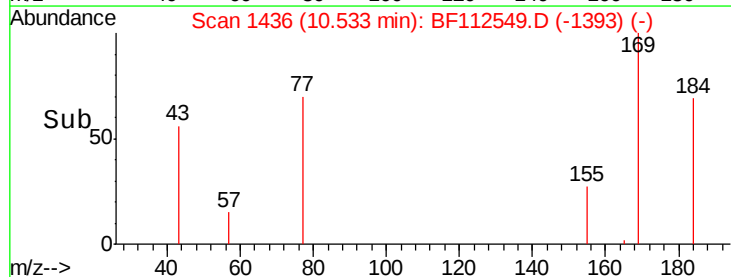
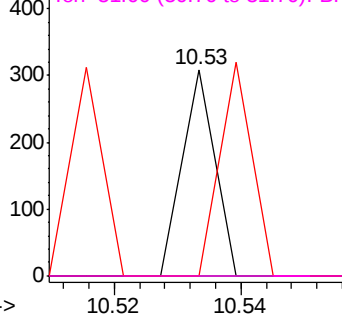


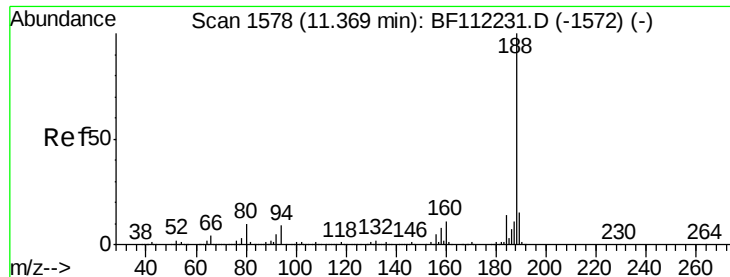
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

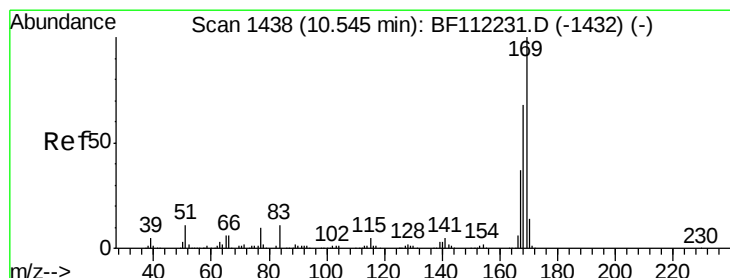
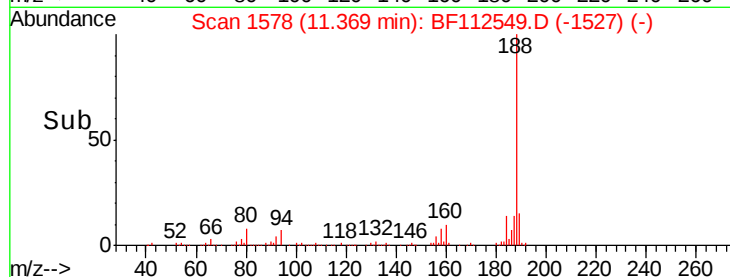
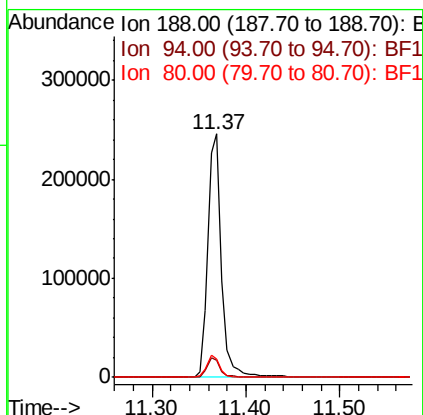
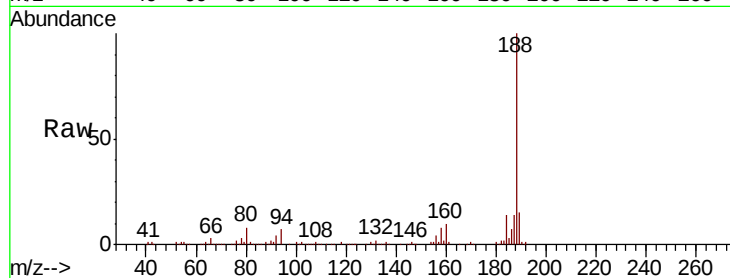




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.00 min
Lab File: BF112549.D
Acq: 13 Feb 2019 20:04

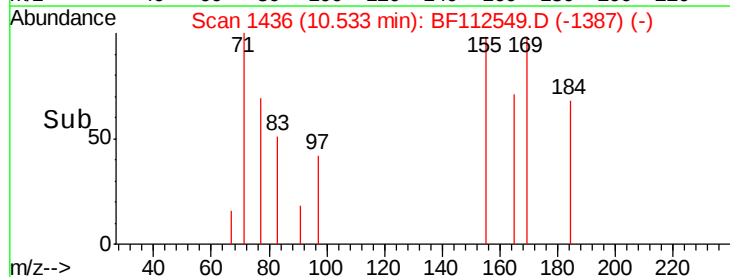
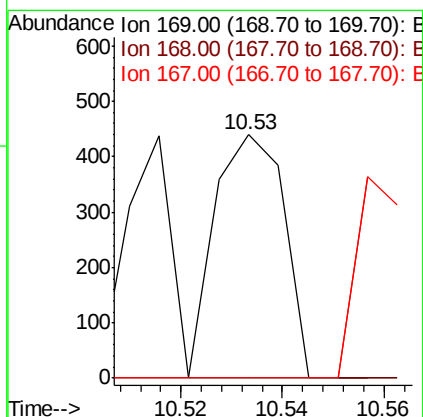
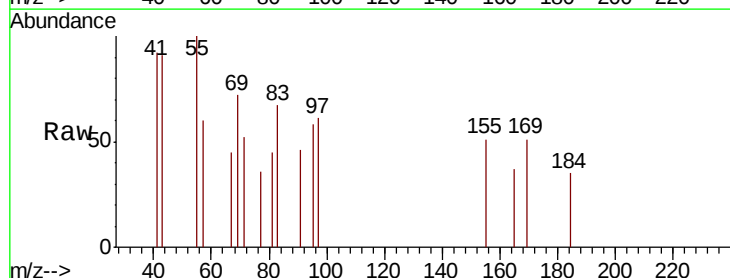
Instrument :
BNA_F
ClientSampleId :
SB-7

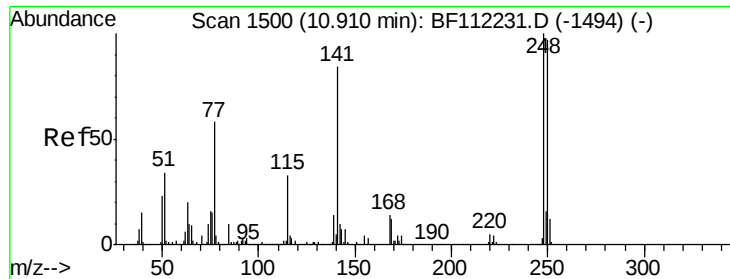
Tgt Ion:188 Resp: 252589
Ion Ratio Lower Upper
188 100
94 7.2 8.2 12.2#
80 7.7 8.9 13.3#



#66
n-Nitrosodiphenylamine
Concen: 0.049 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF112549.D
Acq: 13 Feb 2019 20:04

Tgt Ion:169 Resp: 418
Ion Ratio Lower Upper
169 100
168 0.0 53.9 80.9#
167 0.0 28.9 43.3#

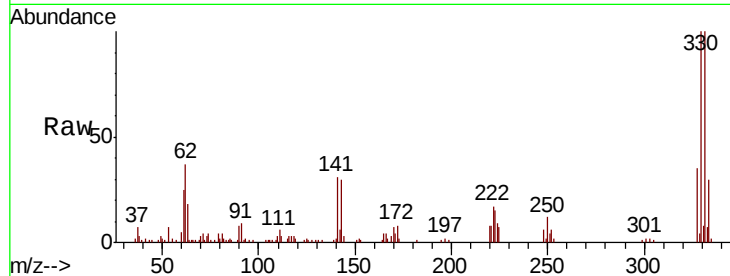




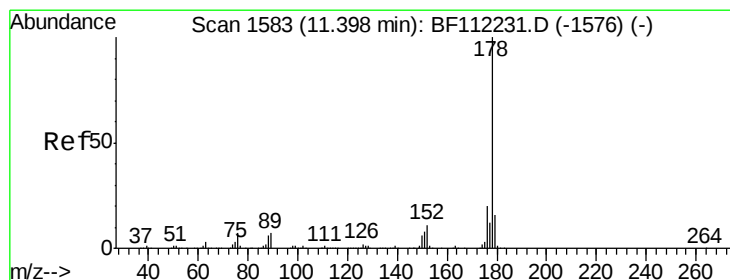
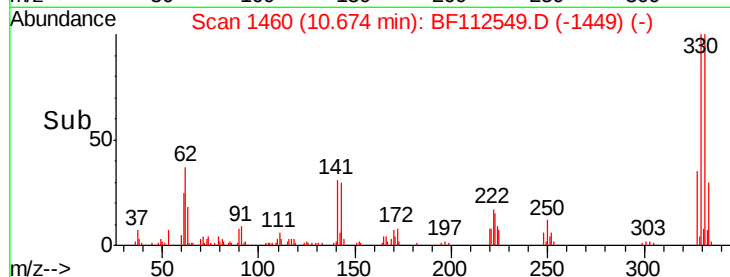
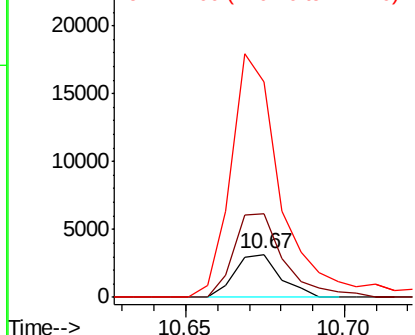
#67
 4-Bromophenyl-phenylether
 Concen: 1.063 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.24 min
 Lab File: BF112549.D
 Acq: 13 Feb 2019 20:04

Instrument :
 BNA_F
 ClientSampleId :
 SB-7

Tgt Ion:248 Resp: 3158
 Ion Ratio Lower Upper
 248 100
 250 194.7 79.7 119.5#
 141 503.3 60.3 90.5#

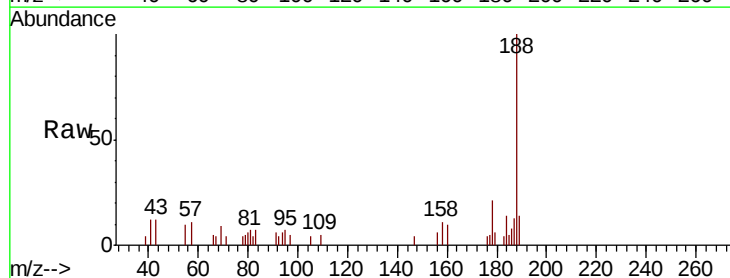


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

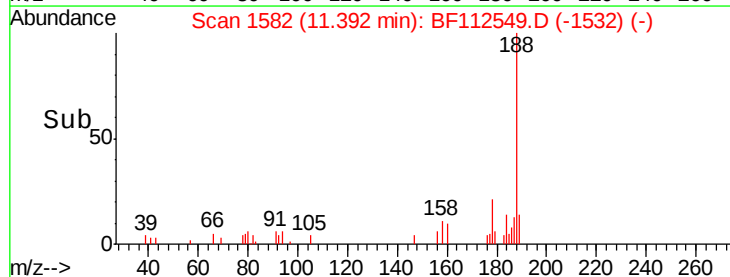
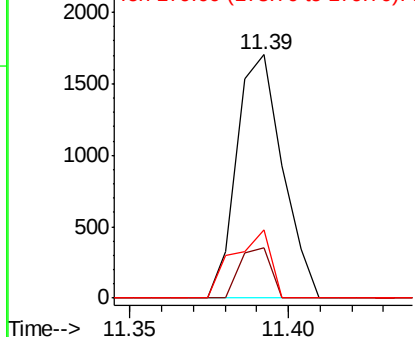


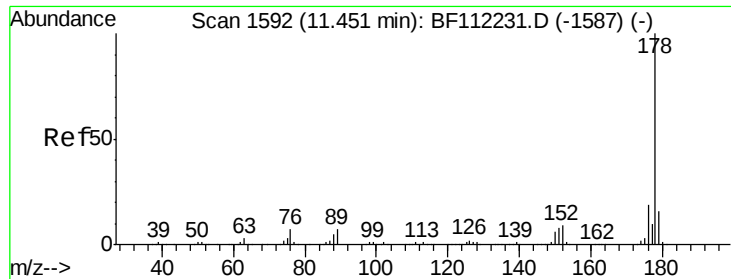
#71
 Phenanthrene
 Concen: 0.130 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.01 min
 Lab File: BF112549.D
 Acq: 13 Feb 2019 20:04

Tgt Ion:178 Resp: 1703
 Ion Ratio Lower Upper
 178 100
 176 20.7 16.3 24.5
 179 27.9 13.0 19.4#



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





#72

Anthracene

Concen: 0.020 ng

RT: 11.45 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BF112549.D

Acq: 13 Feb 2019 20:04

Instrument :

BNA_F

ClientSampleId :

SB-7

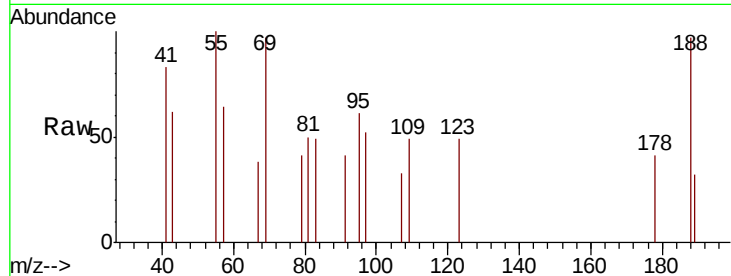
Tgt Ion:178 Resp: 258

Ion Ratio Lower Upper

178 100

176 0.0 15.5 23.3#

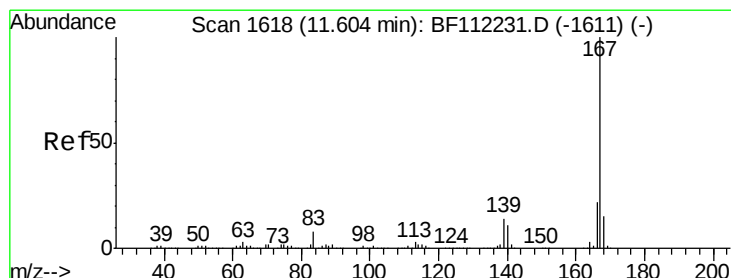
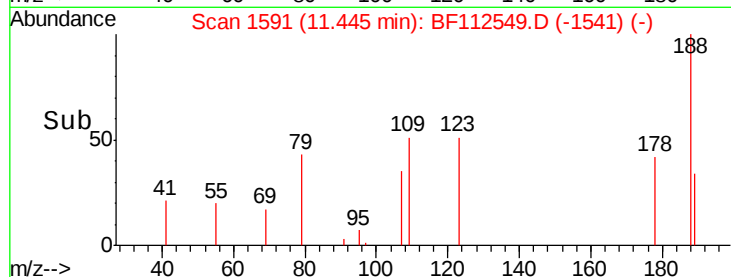
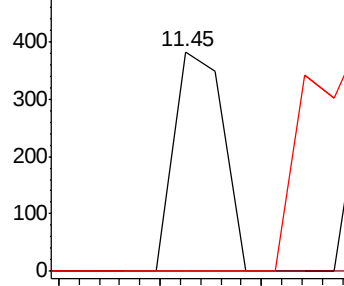
179 0.0 12.8 19.2#



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



#73

Carbazole

Concen: 0.008 ng

RT: 11.63 min Scan# 1622

Delta R.T. 0.02 min

Lab File: BF112549.D

Acq: 13 Feb 2019 20:04

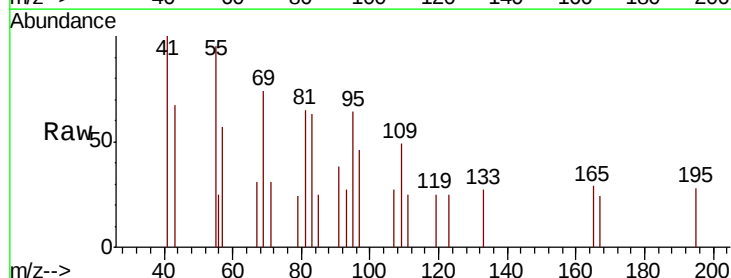
Tgt Ion:167 Resp: 108

Ion Ratio Lower Upper

167 100

166 0.0 17.9 26.9#

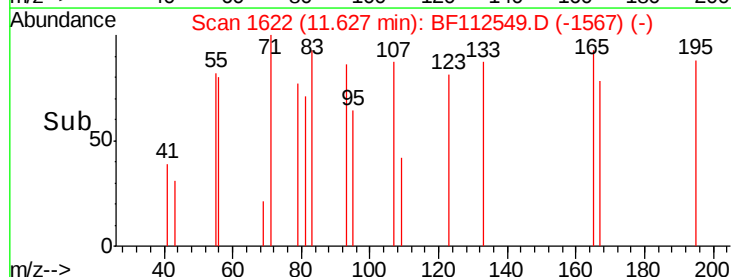
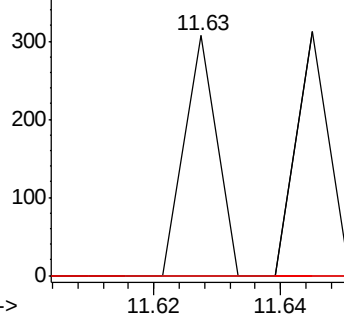
139 0.0 10.2 15.2#

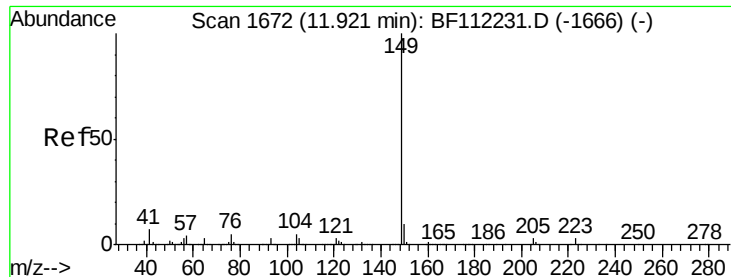


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

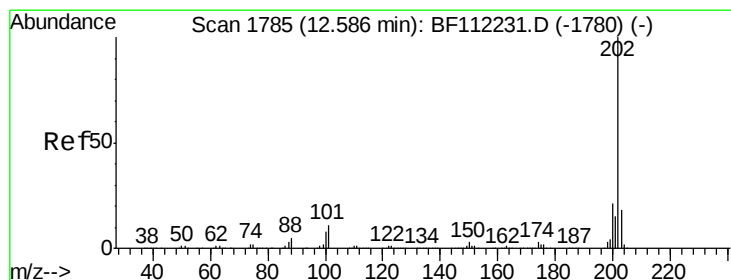
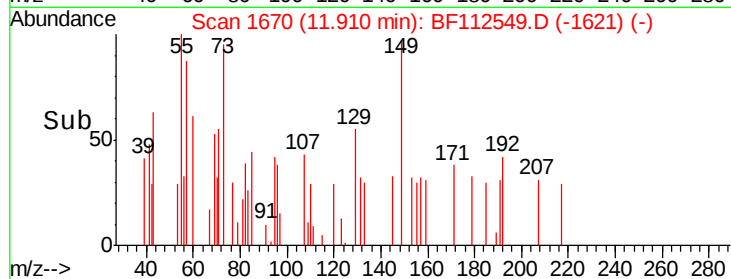
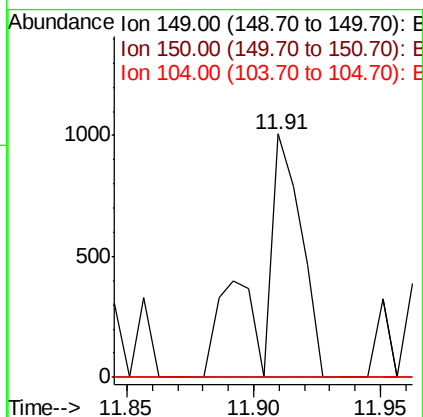
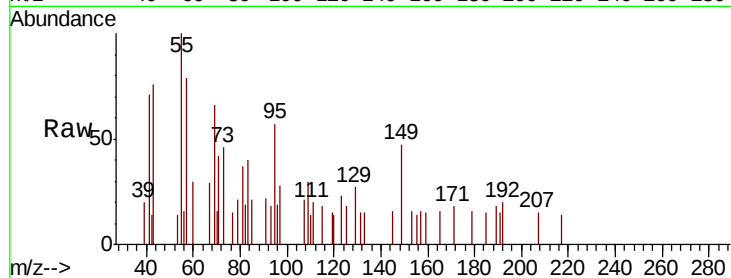




#74
Di-n-butylphthalate
Concen: 0.074 ng
RT: 11.91 min Scan# 1670
Delta R.T. -0.01 min
Lab File: BF112549.D
Acq: 13 Feb 2019 20:04

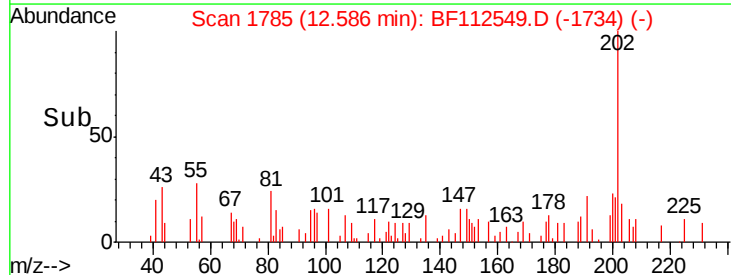
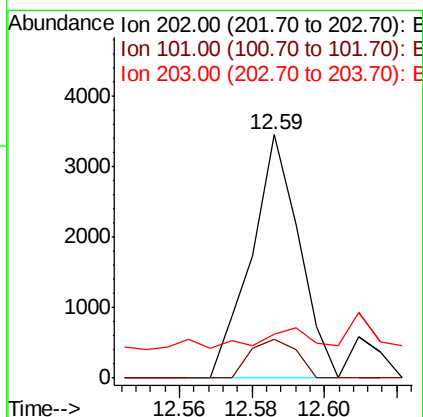
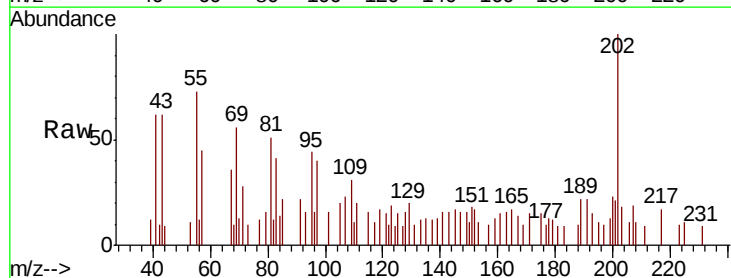
Instrument :
BNA_F
ClientSampled :
SB-7

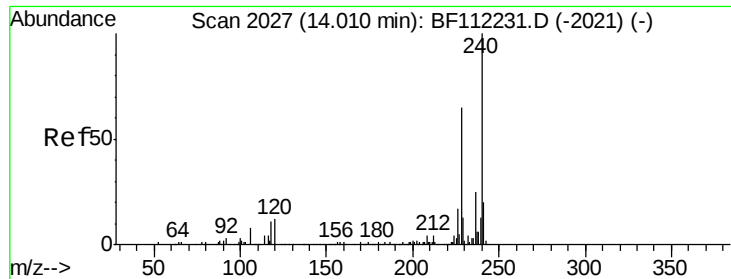
Tgt Ion:149 Resp: 1188
Ion Ratio Lower Upper
149 100
150 0.0 8.1 12.1#
104 0.0 3.9 5.9#



#75
Fluoranthene
Concen: 0.225 ng
RT: 12.59 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BF112549.D
Acq: 13 Feb 2019 20:04

Tgt Ion:202 Resp: 3174
Ion Ratio Lower Upper
202 100
101 16.1 0.0 31.8
203 17.9 0.0 38.4

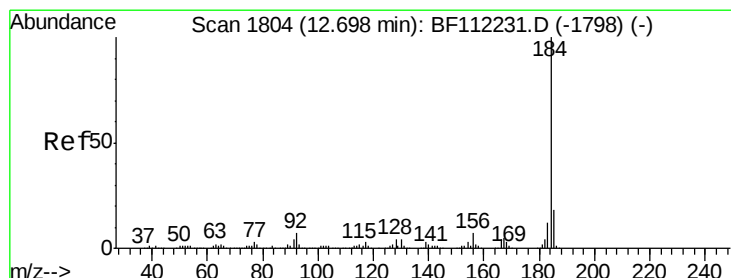
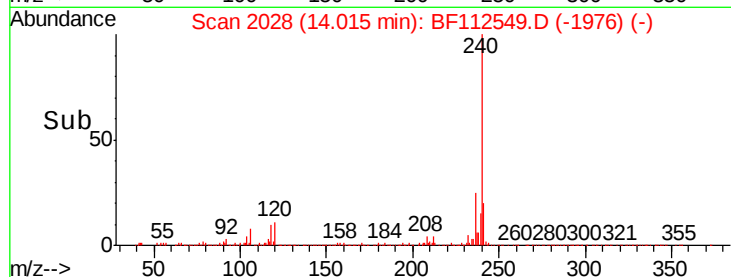
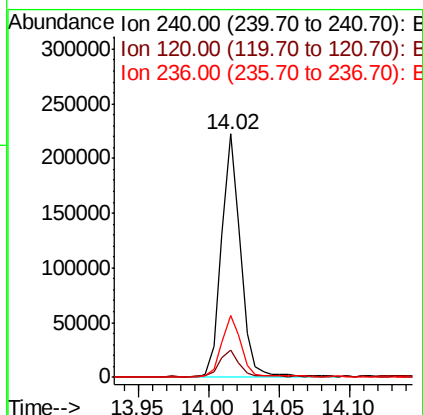
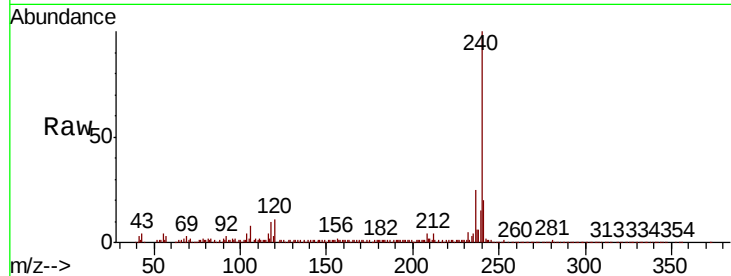




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BF112549.D
Acq: 13 Feb 2019 20:04

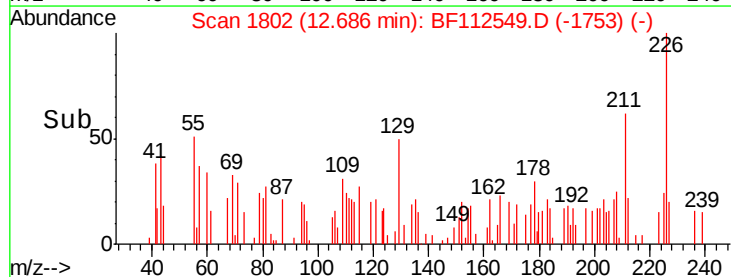
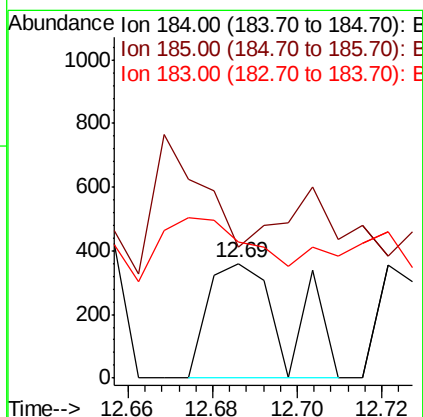
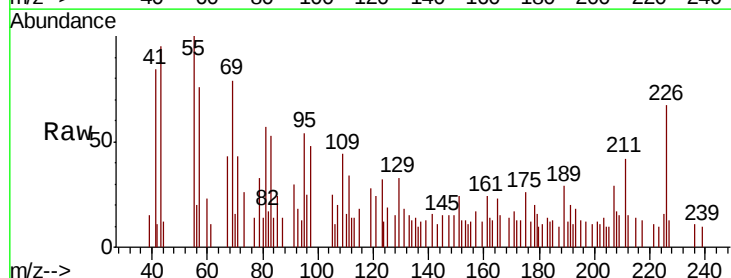
Instrument :
BNA_F
ClientSampleId :
SB-7

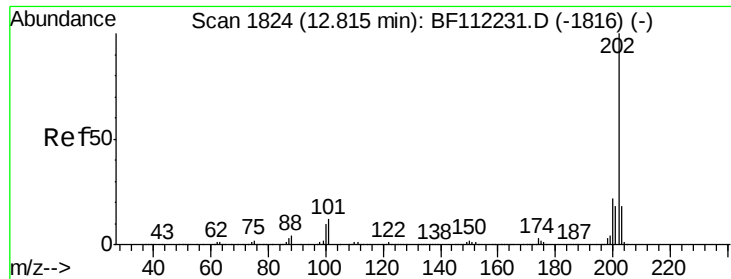
Tgt Ion:240 Resp: 207616
Ion Ratio Lower Upper
240 100
120 11.4 9.0 13.6
236 25.2 20.7 31.1



#77
Benzidine
Concen: 0.082 ng
RT: 12.69 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BF112549.D
Acq: 13 Feb 2019 20:04

Tgt Ion:184 Resp: 470
Ion Ratio Lower Upper
184 100
185 114.1 13.9 20.9#
183 118.3 10.0 15.0#





#78

Pyrene

Concen: 0.221 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.23 min

Lab File: BF112549.D

Acq: 13 Feb 2019 20:04

Instrument :

BNA_F

ClientSampleId :

SB-7

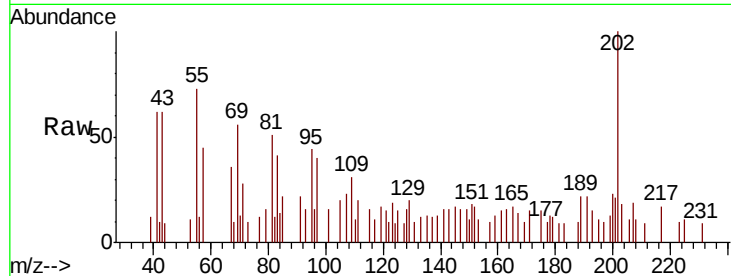
Tgt Ion:202 Resp: 3174

Ion Ratio Lower Upper

202 100

200 23.4 17.7 26.5

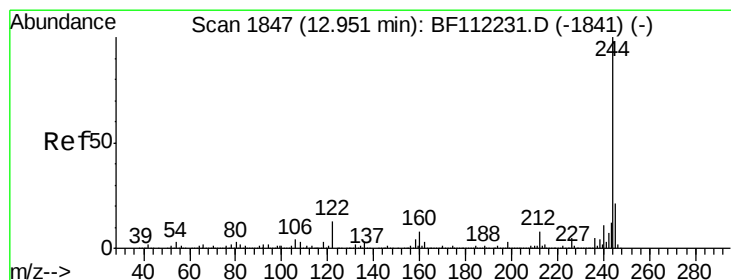
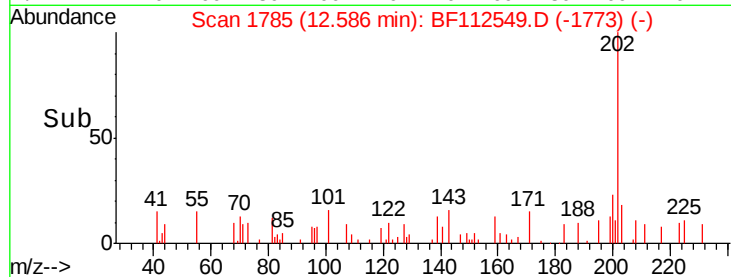
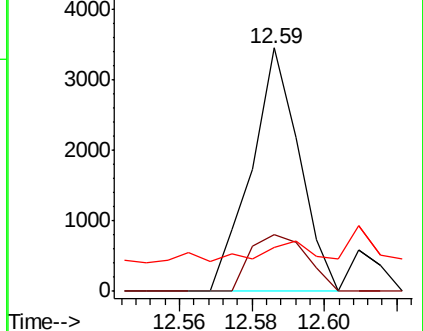
203 17.9 14.6 22.0



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: 25.385 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF112549.D

Acq: 13 Feb 2019 20:04

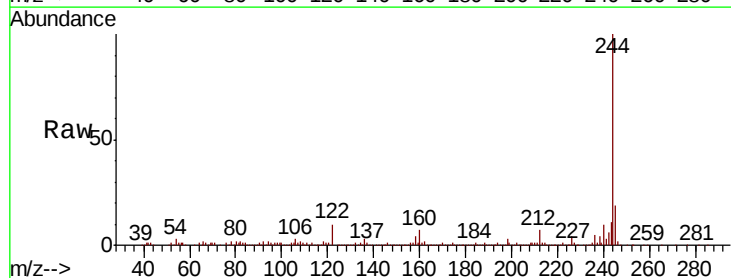
Tgt Ion:244 Resp: 279829

Ion Ratio Lower Upper

244 100

212 6.7 5.9 8.9

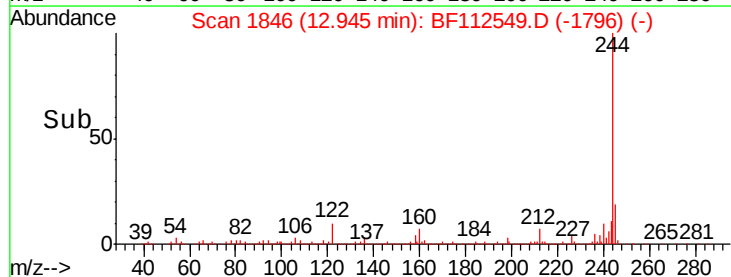
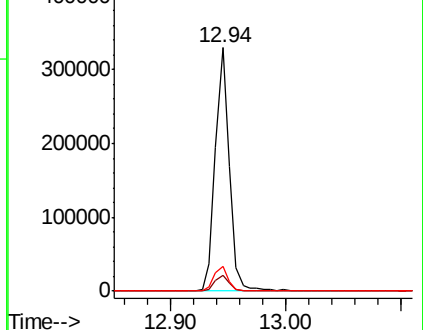
122 10.4 9.8 14.6

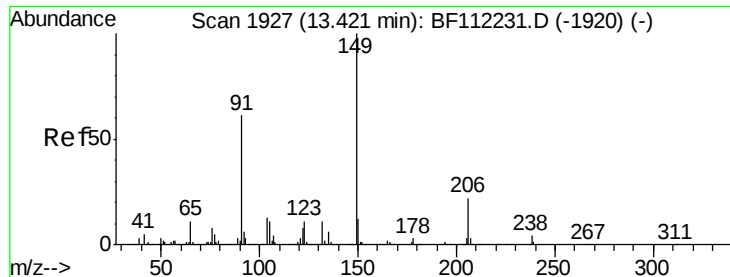


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

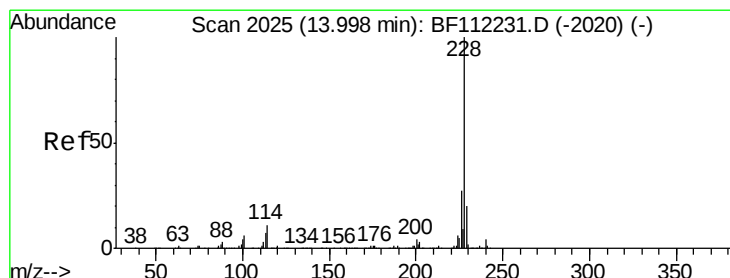
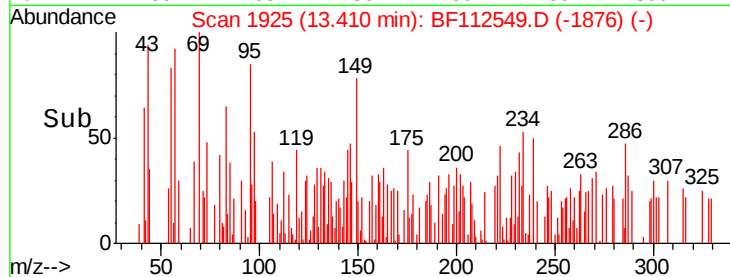
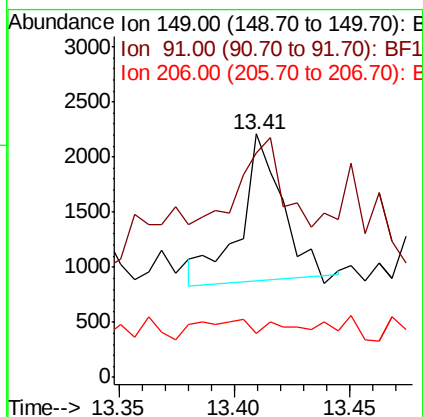
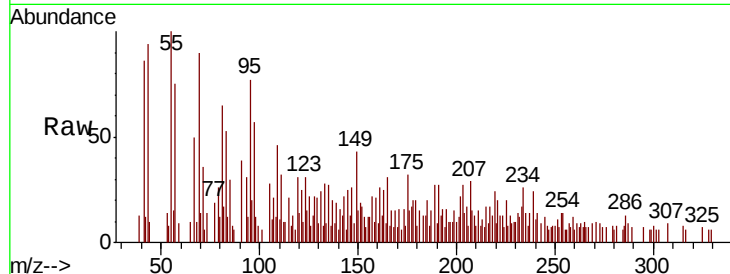




#80
Butylbenzylphthalate
Concen: 0.237 ng
RT: 13.41 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BF112549.D
Acq: 13 Feb 2019 20:04

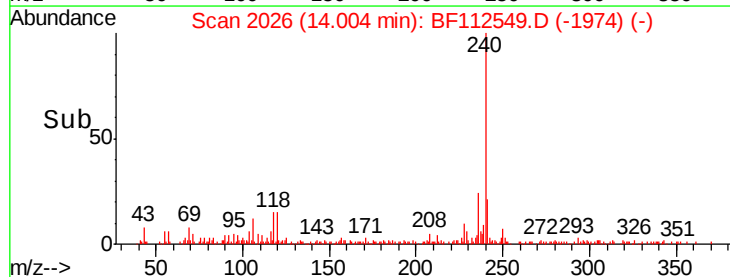
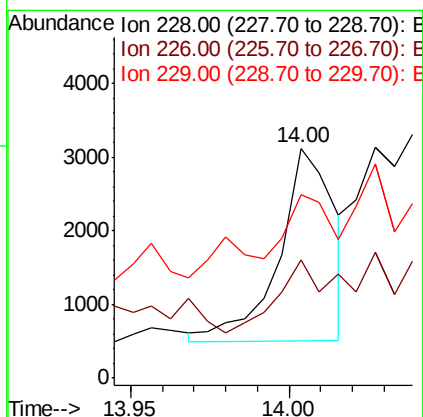
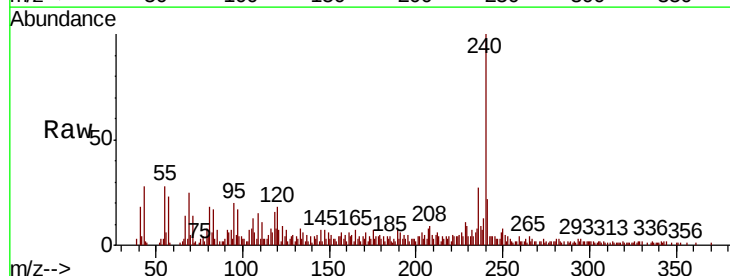
Instrument :
BNA_F
ClientSampled :
SB-7

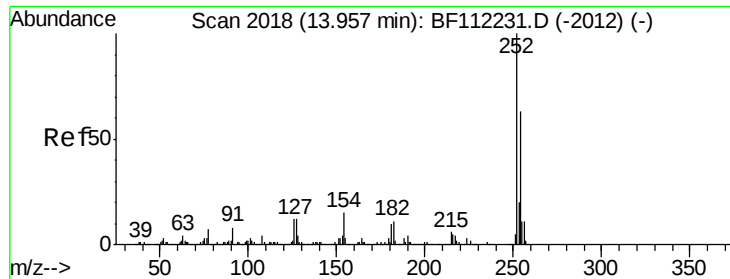
Tgt Ion:149 Resp: 1650
Ion Ratio Lower Upper
149 100
91 92.0 50.3 75.5#
206 18.3 18.2 27.4



#81
Benzo(a)anthracene
Concen: 0.262 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF112549.D
Acq: 13 Feb 2019 20:04

Tgt Ion:228 Resp: 3195
Ion Ratio Lower Upper
228 100
226 51.4 22.6 34.0#
229 80.0 16.5 24.7#





#82

3,3'-Dichlorobenzidine

Concen: 0.329 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.02 min

Lab File: BF112549.D

Acq: 13 Feb 2019 20:04

Instrument :

BNA_F

ClientSampled :

SB-7

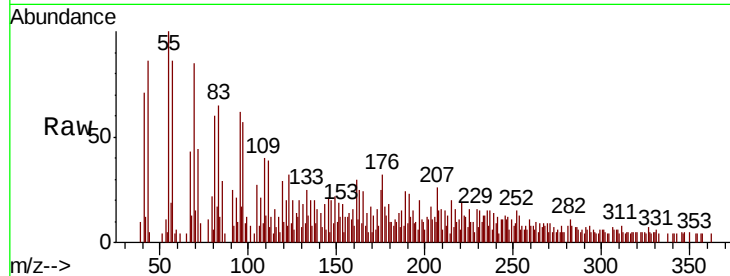
Tgt Ion:252 Resp: 1502

Ion Ratio Lower Upper

252 100

254 42.9 51.6 77.4#

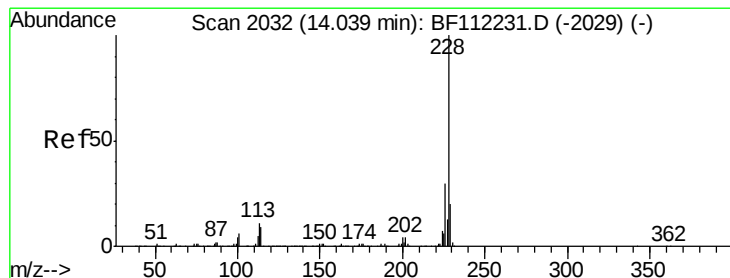
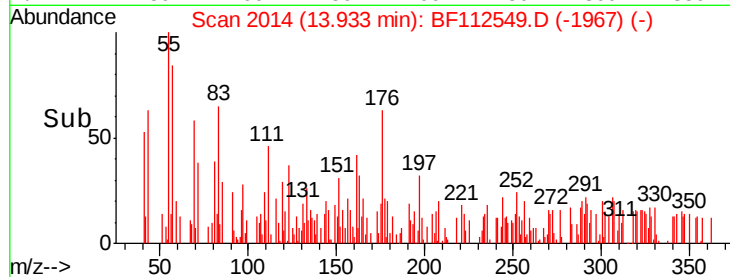
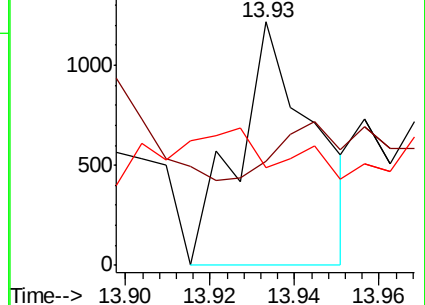
126 39.9 8.6 12.8#



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: 0.443 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.01 min

Lab File: BF112549.D

Acq: 13 Feb 2019 20:04

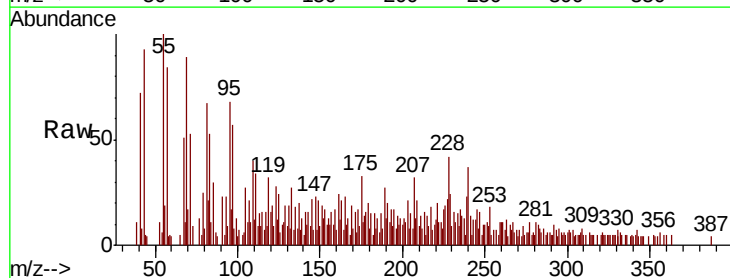
Tgt Ion:228 Resp: 5161

Ion Ratio Lower Upper

228 100

226 45.7 25.0 37.6#

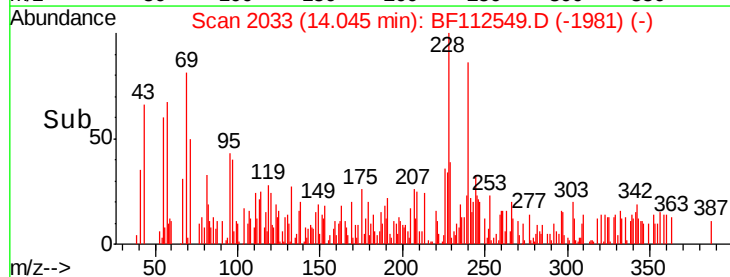
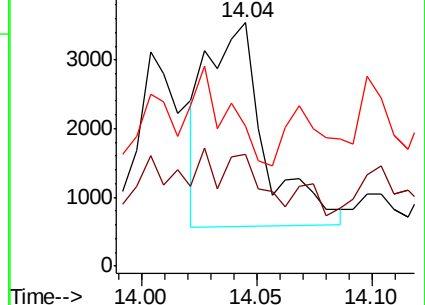
229 57.4 16.6 24.8#

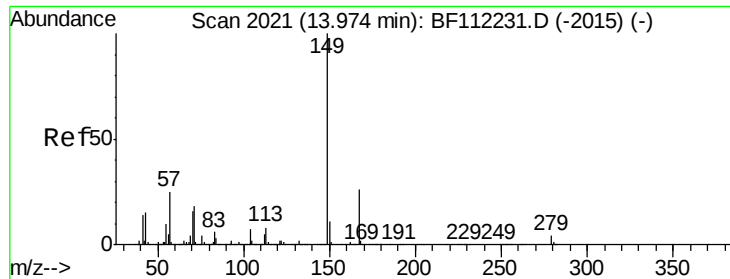


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.220 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF112549.D

Acq: 13 Feb 2019 20:04

Instrument :

BNA_F

ClientSampleId :

SB-7

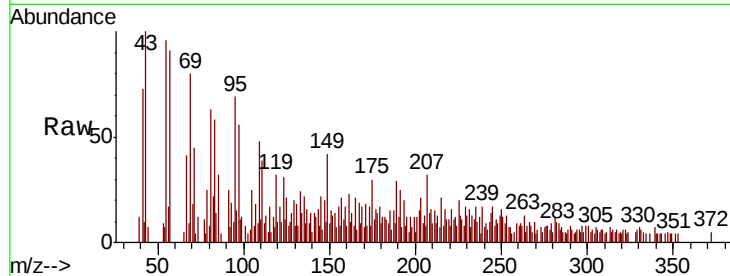
Tgt Ion:149 Resp: 2171

Ion Ratio Lower Upper

149 100

167 45.7 22.5 33.7#

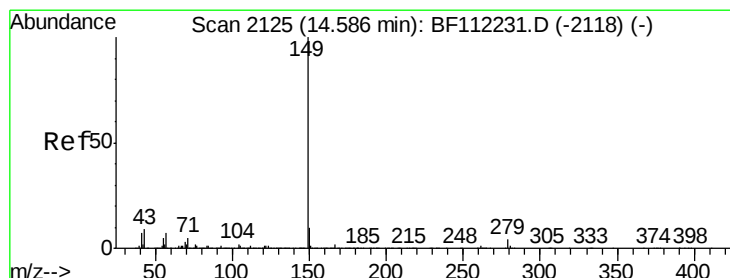
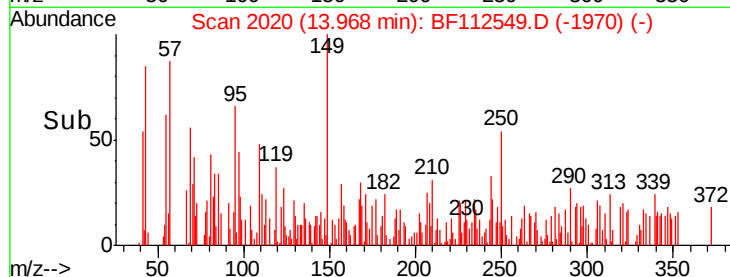
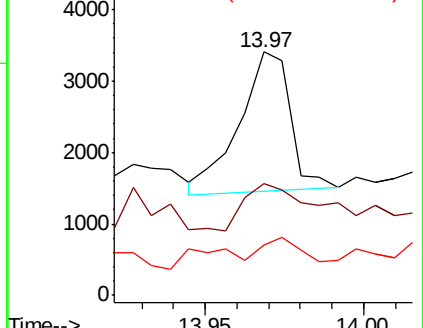
279 20.4 3.8 5.6#



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: 0.073 ng

RT: 14.59 min Scan# 2125

Delta R.T. 0.00 min

Lab File: BF112549.D

Acq: 13 Feb 2019 20:04

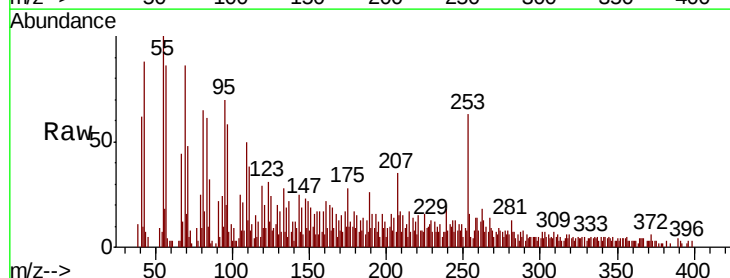
Tgt Ion:149 Resp: 1113

Ion Ratio Lower Upper

149 100

167 79.4 1.3 1.9#

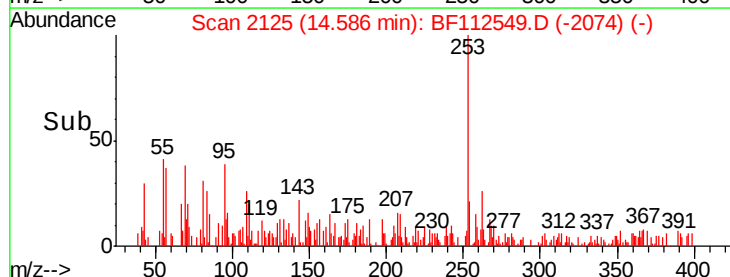
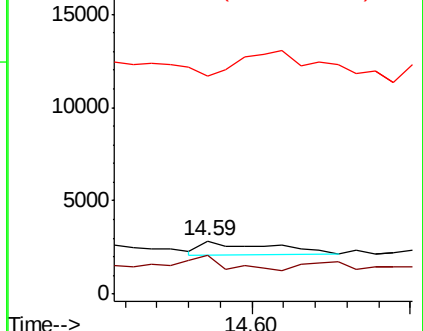
43 0.0 7.8 11.6#

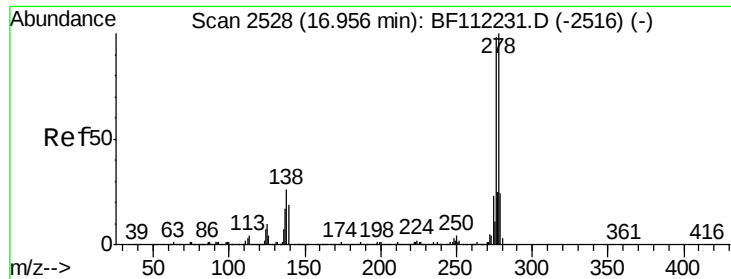


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

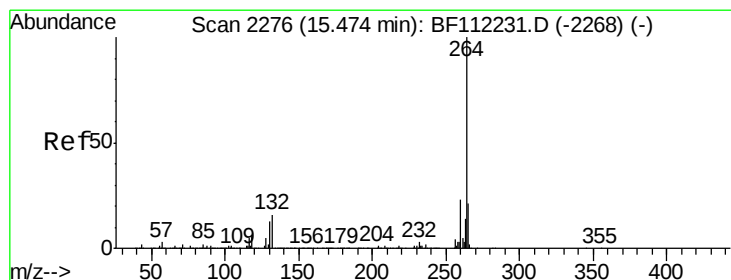
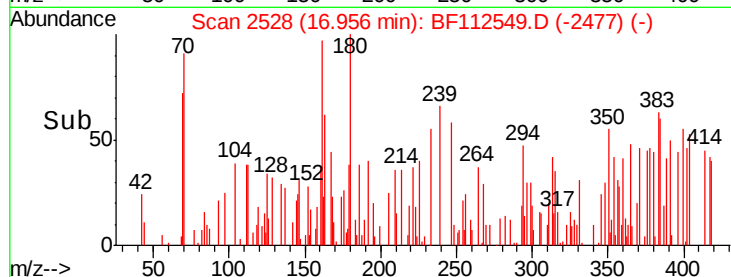
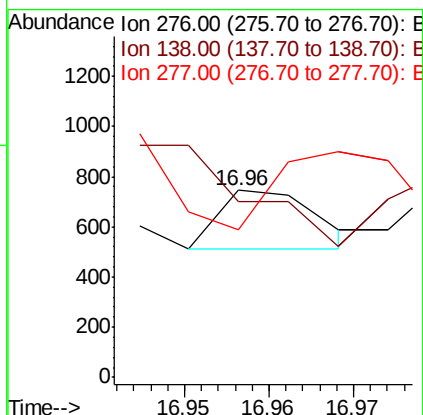
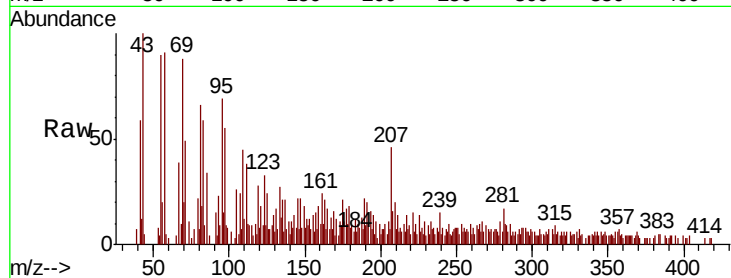




#86
Indeno(1,2,3-cd)pyrene
Concen: 0.020 ng
RT: 16.96 min Scan# 2528
Delta R.T. 0.00 min
Lab File: BF112549.D
Acq: 13 Feb 2019 20:04

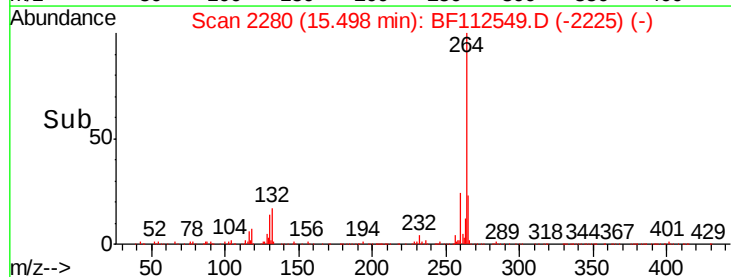
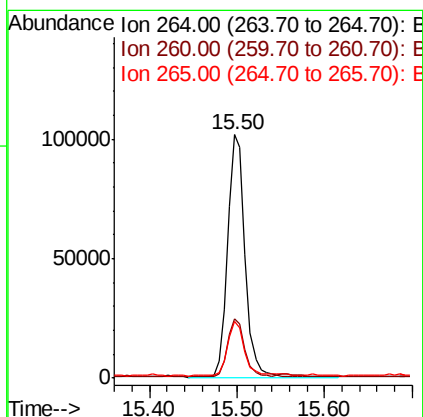
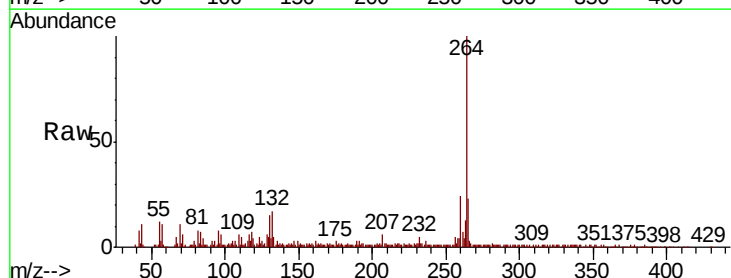
Instrument :
BNA_F
ClientSampled :
SB-7

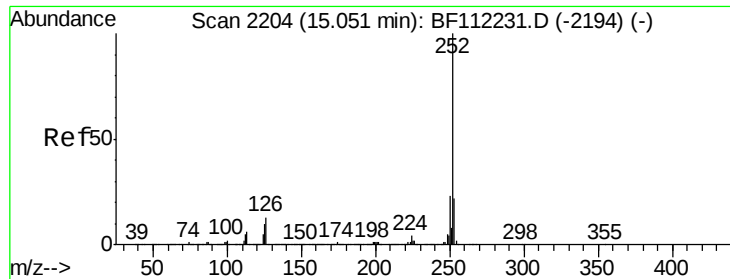
Tgt Ion: 276 Resp: 182
Ion Ratio Lower Upper
276 100
138 0.0 22.6 34.0#
277 174.2 20.3 30.5#



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.02 min
Lab File: BF112549.D
Acq: 13 Feb 2019 20:04

Tgt Ion: 264 Resp: 140939
Ion Ratio Lower Upper
264 100
260 24.1 18.2 27.2
265 23.4 17.0 25.4





#88

Benzo(b)fluoranthene

Concen: 0.343 ng

RT: 15.07 min Scan# 2207

Delta R.T. 0.02 min

Lab File: BF112549.D

Acq: 13 Feb 2019 20:04

Instrument :

BNA_F

ClientSampled :

SB-7

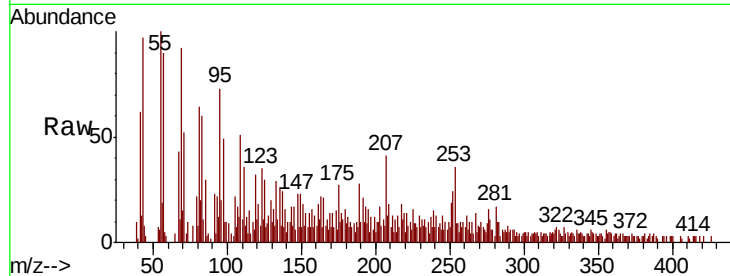
Tgt Ion:252 Resp: 2891

Ion Ratio Lower Upper

252 100

253 153.5 18.0 27.0#

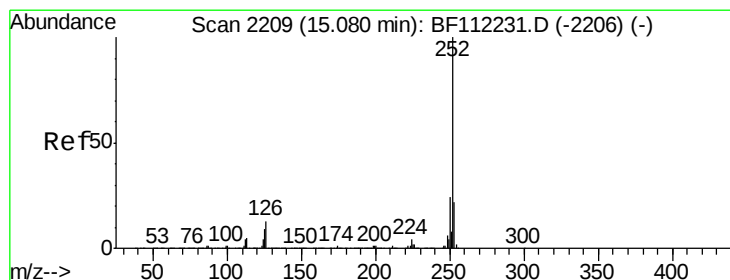
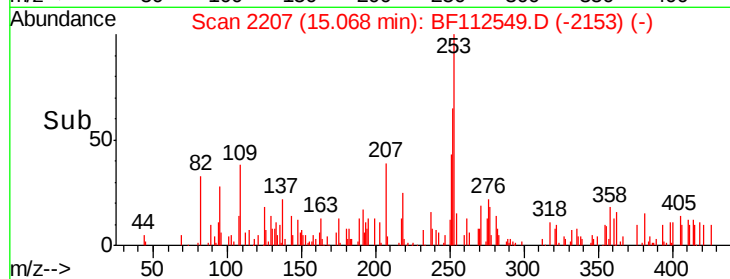
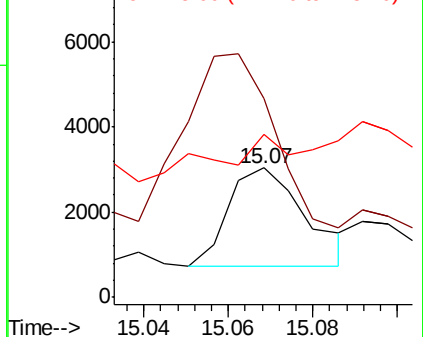
125 126.1 8.7 13.1#



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



#89

Benzo(k)fluoranthene

Concen: 0.358 ng

RT: 15.07 min Scan# 2207

Delta R.T. -0.01 min

Lab File: BF112549.D

Acq: 13 Feb 2019 20:04

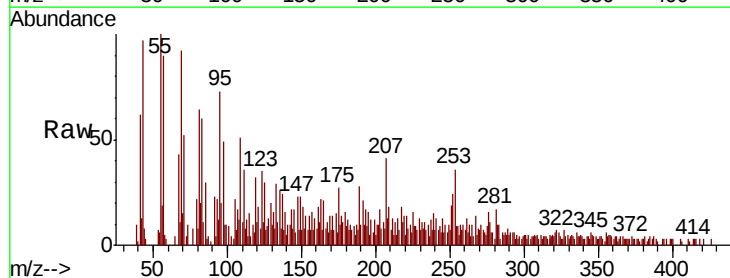
Tgt Ion:252 Resp: 2891

Ion Ratio Lower Upper

252 100

253 153.5 18.0 27.0#

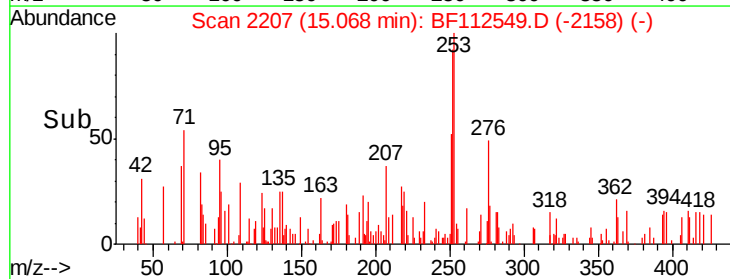
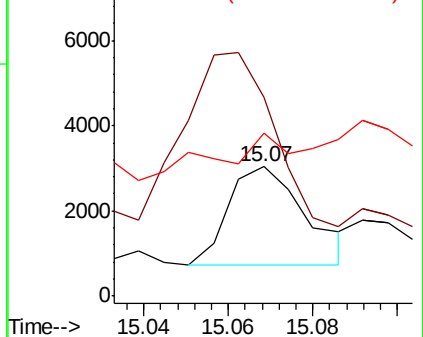
125 126.1 9.1 13.7#

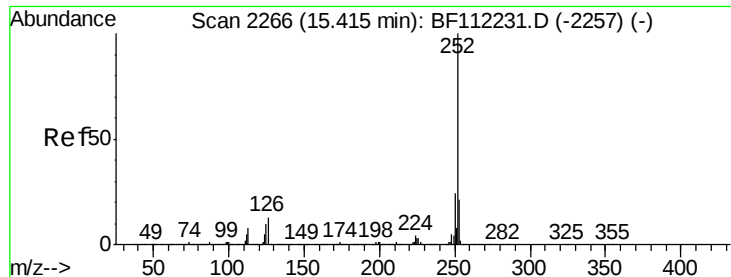


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 0.481 ng

RT: 15.44 min Scan# 2270

Delta R.T. 0.02 min

Lab File: BF112549.D

Acq: 13 Feb 2019 20:04

Instrument :

BNA_F

ClientSampleId :

SB-7

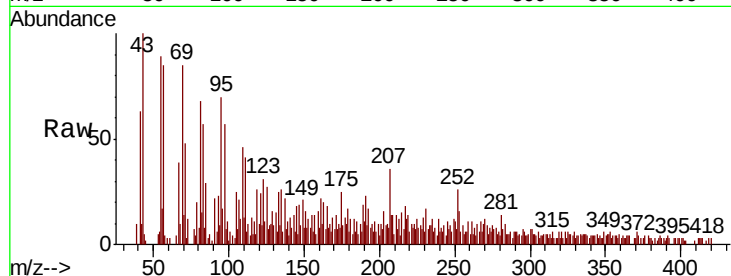
Tgt Ion:252 Resp: 3651

Ion Ratio Lower Upper

252 100

253 61.0 17.5 26.3#

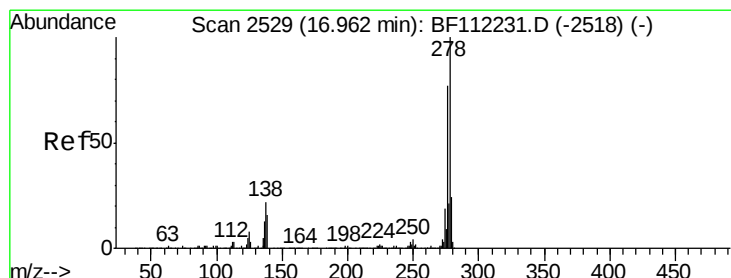
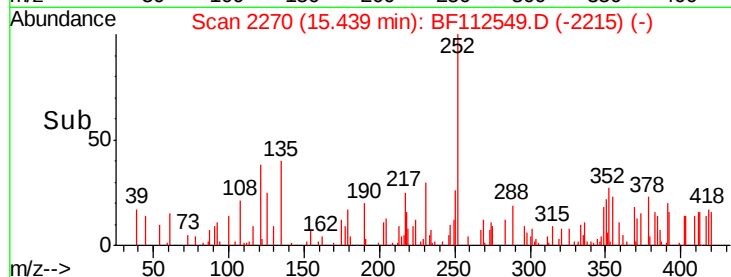
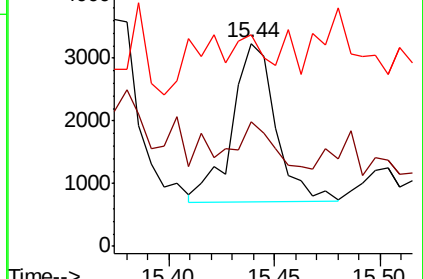
125 104.2 9.0 13.4#



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: 0.047 ng

RT: 16.99 min Scan# 2534

Delta R.T. 0.03 min

Lab File: BF112549.D

Acq: 13 Feb 2019 20:04

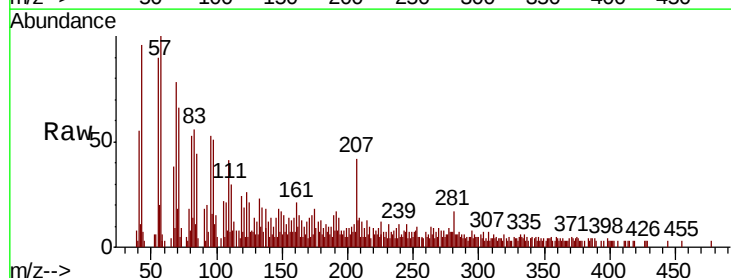
Tgt Ion:278 Resp: 289

Ion Ratio Lower Upper

278 100

139 190.9 13.7 20.5#

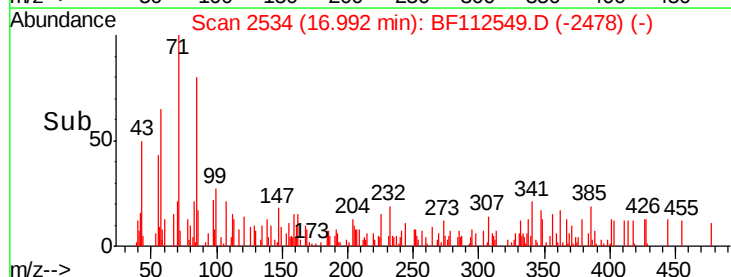
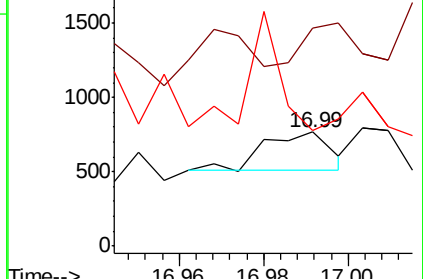
279 101.6 19.0 28.6#

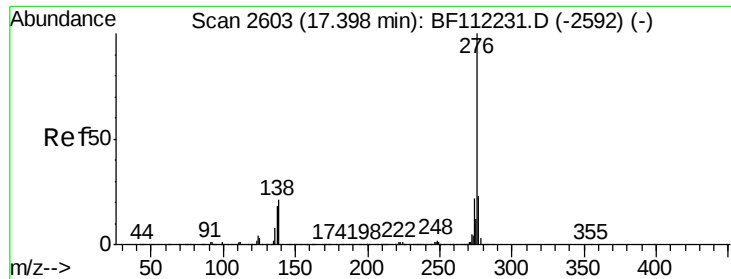


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

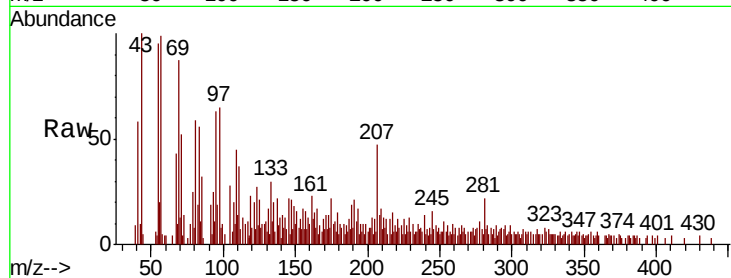




#92
 Benzo(g,h,i)perylene
 Concen: 0.070 ng
 RT: 17.40 min Scan# 2604
 Delta R.T. 0.01 min
 Lab File: BF112549.D
 Acq: 13 Feb 2019 20:04

Instrument :
 BNA_F
 ClientSampleId :
 SB-7

Tgt Ion: 276 Resp: 403
 Ion Ratio Lower Upper
 276 100
 277 129.0 19.4 29.0#
 138 114.7 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

