

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072018\
 Data File : BF107532.D
 Acq On : 20 Jul 2018 19:12
 Operator : JU/SJ
 Sample : PB111265BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB111265BL

Quant Time: Jul 20 22:45:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	312530	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	1218580	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	559892	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	1163966	20.00	ng	0.00
75) Chrysene-d12	14.15	240	952450	20.00	ng	-0.01
86) Perylene-d12	15.69	264	778683	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	2105250	108.30	ng	0.00
7) Phenol-d6	6.61	99	2573726	110.27	ng	0.00
23) Nitrobenzene-d5	7.54	82	1568486	86.87	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	787474	123.68	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	2769407	84.60	ng	0.00
78) Terphenyl-d14	13.10	244	3077295	82.71	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.90	88	219	0.024	ng	# 1
3) Pyridine	3.61	79	226	0.009	ng	# 1
4) n-Nitrosodimethylamine	3.61	42	537	0.052	ng	# 1
6) Aniline	6.65	93	151	0.005	ng	# 1
8) 2-Chlorophenol	6.76	128	645	0.031	ng	# 1
9) Benzaldehyde	6.75	77	49093	1.316	ng	81
10) Phenol	6.61	94	386	0.014	ng	# 1
11) bis(2-Chloroethyl)ether	6.75	93	2746	0.121	ng	# 1
12) 1,3-Dichlorobenzene	7.13	146	480	0.020	ng	# 1
13) 1,4-Dichlorobenzene	7.13	146	480	0.020	ng	# 1
14) 1,2-Dichlorobenzene	7.13	146	480	0.022	ng	# 1
15) Benzyl Alcohol	7.12	79	27136	1.706	ng	# 45
17) 2-Methylphenol	7.13	107	107	0.006	ng	# 1
18) Hexachloroethane	7.42	117	133	0.016	ng	# 2
19) n-Nitroso-di-n-propylamine	7.54	70	212449	14.090	ng	# 79
20) 3+4-Methylphenols	7.40	107	111	0.005	ng	# 1
22) Acetophenone	7.38	105	116	0.004	ng	# 54
24) Nitrobenzene	7.53	77	4707	0.228	ng	# 28
25) Isophorone	7.54	82	1568477	40.683	ng	# 64
28) bis(2-Chloroethoxy)methane	8.26	93	156	0.006	ng	# 14
32) Benzoic acid	8.25	122	107	7.907	ng	# 1
45) 1,1'-Biphenyl	9.43	154	6025	0.124	ng	# 89
47) 2-Nitroaniline	9.33	65	4970	0.457	ng	# 1
50) 2,6-Dinitrotoluene	10.01	165	71426	8.526	ng	# 25
51) Acenaphthene	10.02	154	2582	0.074	ng	# 4
54) Dibenzofuran	10.23	168	121	0.002	ng	# 45
56) 2,4-Dinitrotoluene	10.01	165	71426	7.063	ng	# 23
57) Fluorene	10.81	166	31627	0.858	ng	# 87
62) Azobenzene	10.70	77	377	0.009	ng	# 50
64) 4,6-Dinitro-2-methylphenol	10.81	198	1550	8.907	ng	# 1
65) n-Nitrosodiphenylamine	10.81	169	22000	0.557	ng	# 41
66) 4-Bromophenyl-phenylether	10.81	248	47596	3.474	ng	# 1
70) Phenanthrene	11.53	178	585	0.010	ng	# 40
71) Anthracene	11.58	178	107	0.002	ng	# 60

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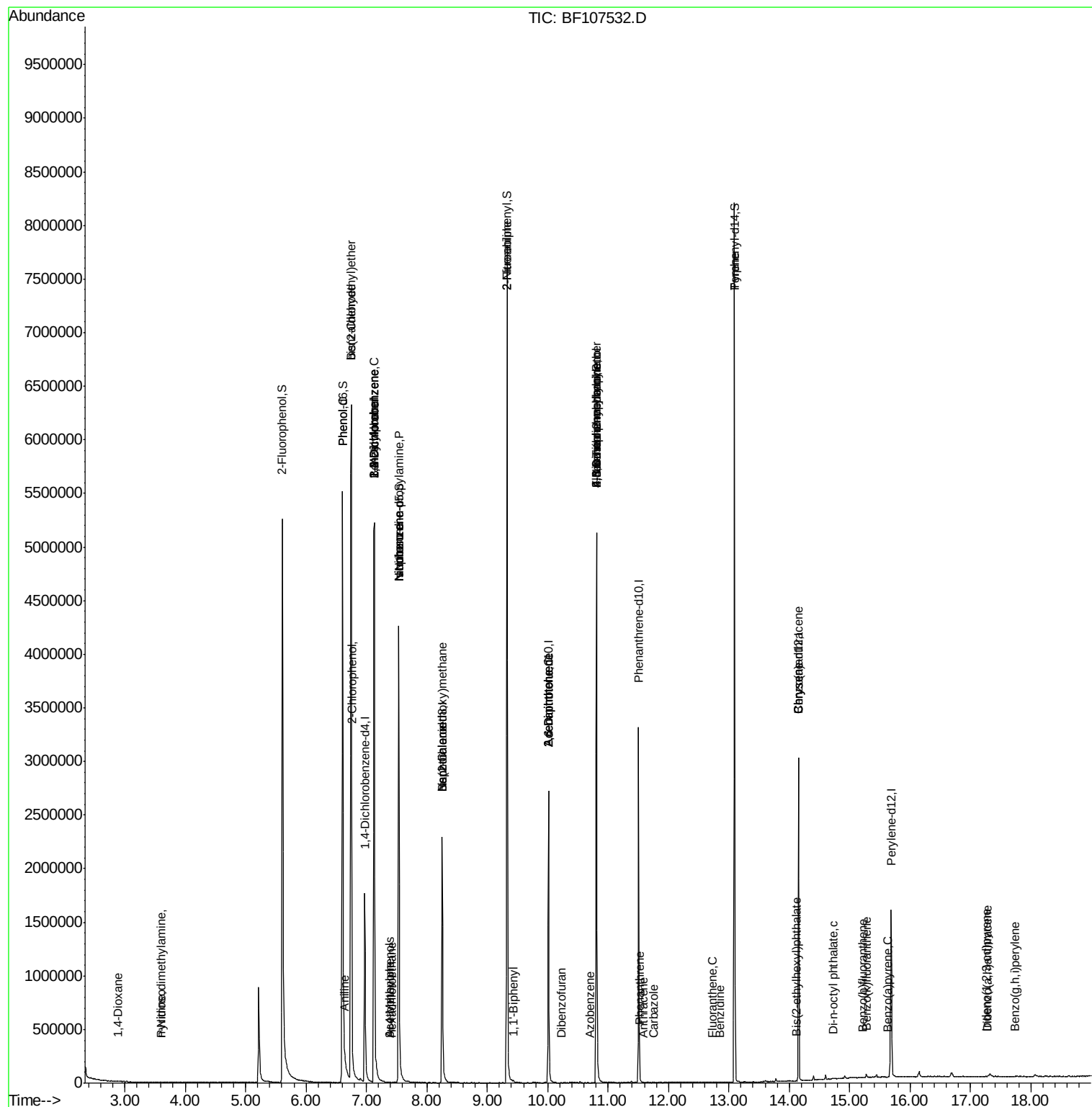
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
72) Carbazole	11.75	167	106	0.002	ng	# 59
73) Di-n-butylphthalate	12.05	149	3607	Below Cal	#	78
74) Fluoranthene	12.73	202	131	0.002	ng	62
76) Benzidine	12.85	184	2002	0.073	ng	# 66
77) Pyrene	13.10	202	11618	0.178	ng	# 75
80) Benzo(a)anthracene	14.15	228	2803	0.050	ng	# 55
82) Chrysene	14.15	228	2803	0.052	ng	# 53
83) Bis(2-ethylhexyl)phthalate	14.12	149	516	0.013	ng	# 53
84) Di-n-octyl phthalate	14.74	149	1084	0.018	ng	# 40
85) Indeno(1,2,3-cd)pyrene	17.27	276	264	0.006	ng	# 65
87) Benzo(b)fluoranthene	15.22	252	405	0.010	ng	# 60
88) Benzo(k)fluoranthene	15.27	252	229	0.005	ng	# 1
89) Benzo(a)pyrene	15.62	252	179	0.005	ng	# 60
90) Dibenzo(a,h)anthracene	17.28	278	521	0.015	ng	# 22
91) Benzo(g,h,i)perylene	17.74	276	487	0.015	ng	# 50

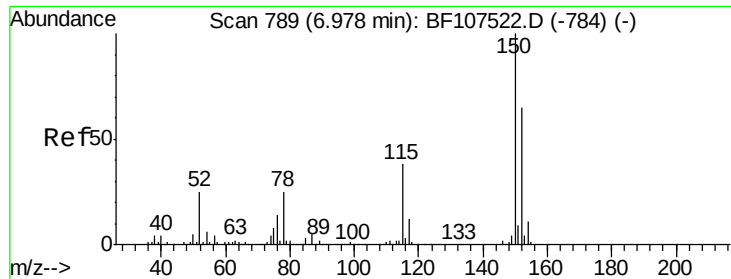
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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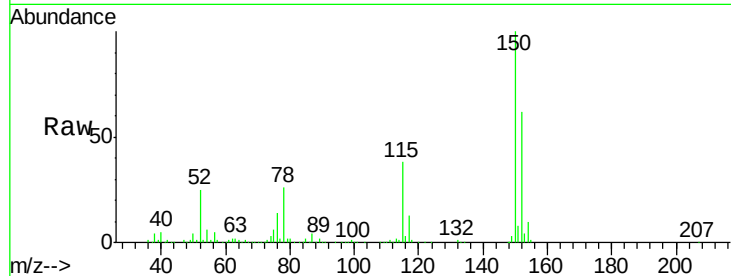


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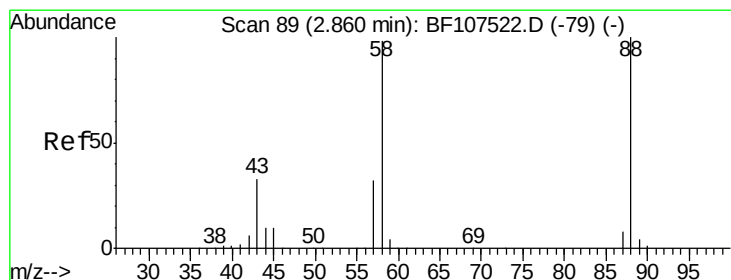
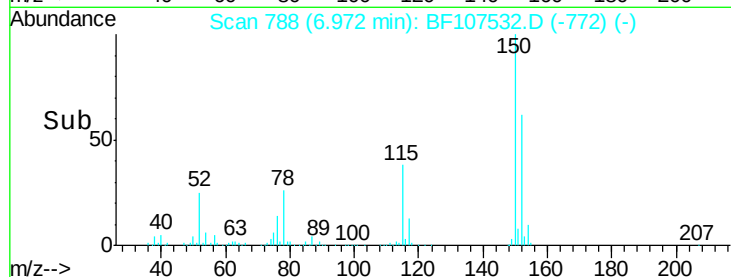
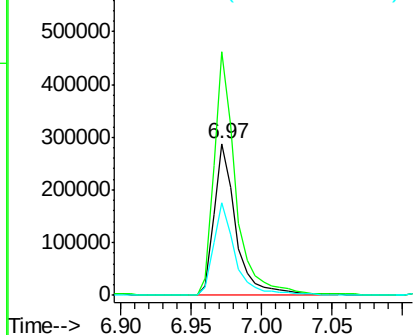
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

Instrument :
BNA_F
ClientSampleId :
PB111265BL

Tgt Ion:152 Resp: 312530
Ion Ratio Lower Upper
152 100
150 160.1 124.6 186.8
115 60.9 50.1 75.1



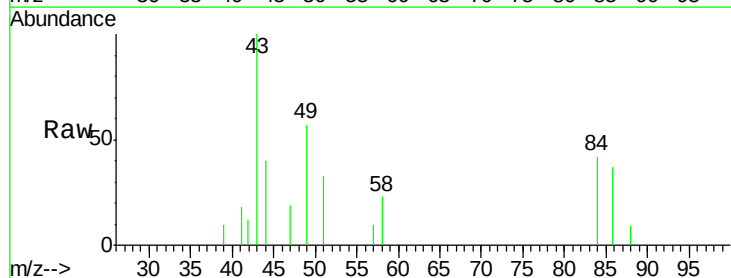
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



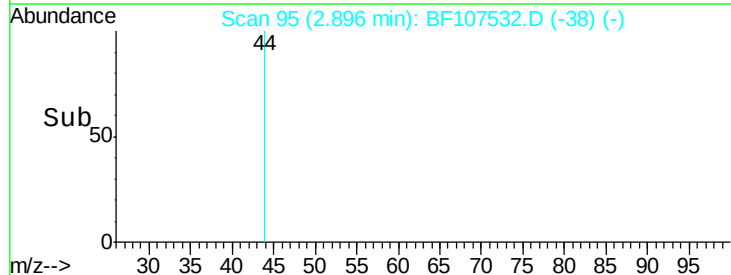
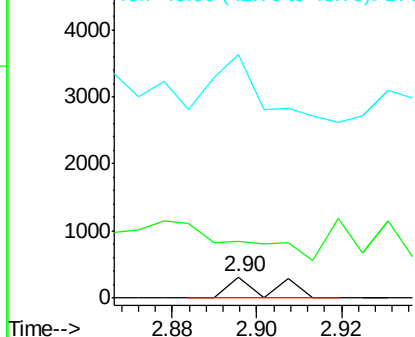
#2

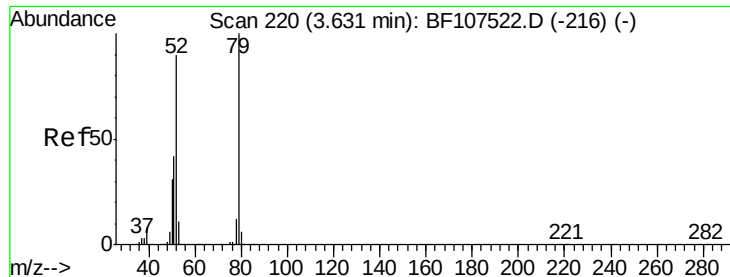
1,4-Dioxane
Concen: 0.024 ng
RT: 2.90 min Scan# 95
Delta R.T. 0.04 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

Tgt Ion: 88 Resp: 219
Ion Ratio Lower Upper
88 100
58 433.8 62.6 93.8#
43 360.7 24.6 37.0#



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





#3

Pyridine

Concen: 0.009 ng

RT: 3.61 min Scan# 217

Delta R.T. -0.02 min

Lab File: BF107532.D

Acq: 20 Jul 2018 19:12

Instrument :

BNA_F

ClientSampleId :

PB111265BL

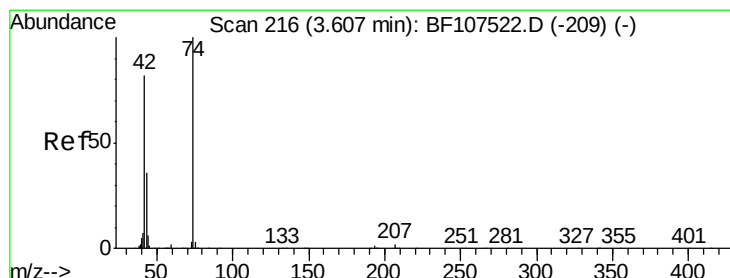
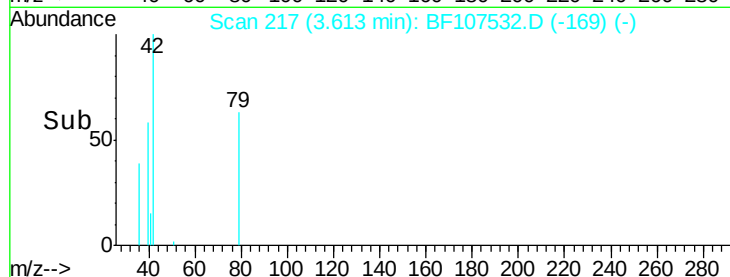
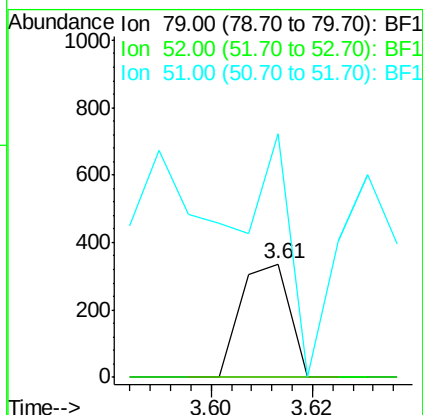
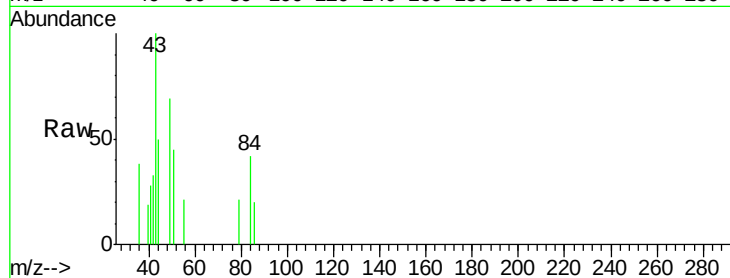
Tgt Ion: 79 Resp: 226

Ion Ratio Lower Upper

79 100

52 0.0 59.8 89.6#

51 214.9 29.8 44.8#



#4

n-Nitrosodimethylamine

Concen: 0.052 ng

RT: 3.61 min Scan# 217

Delta R.T. 0.01 min

Lab File: BF107532.D

Acq: 20 Jul 2018 19:12

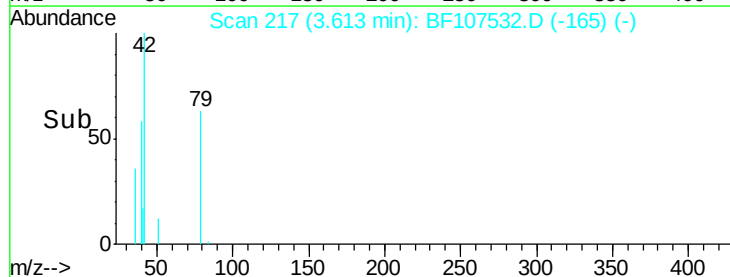
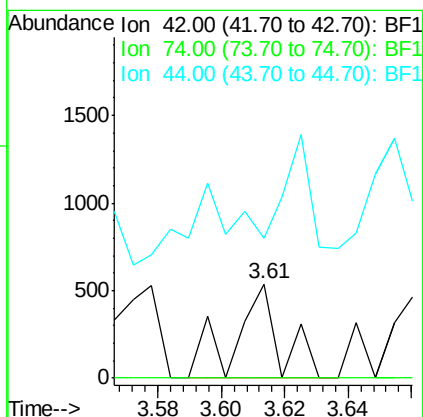
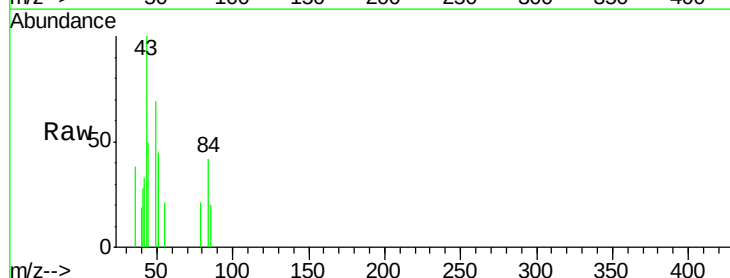
Tgt Ion: 42 Resp: 537

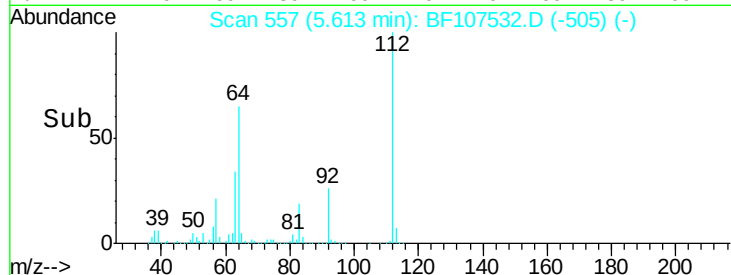
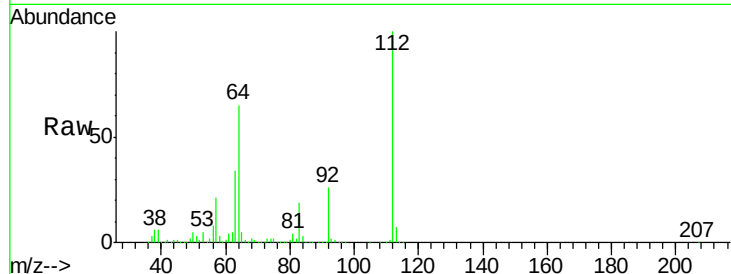
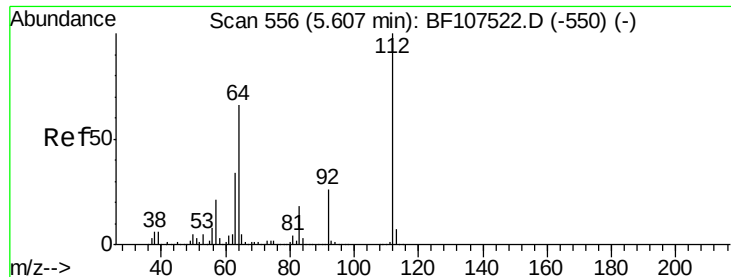
Ion Ratio Lower Upper

42 100

74 0.0 104.9 157.3#

44 149.3 6.9 10.3#

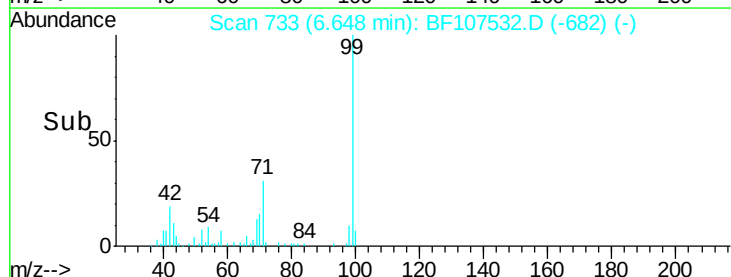
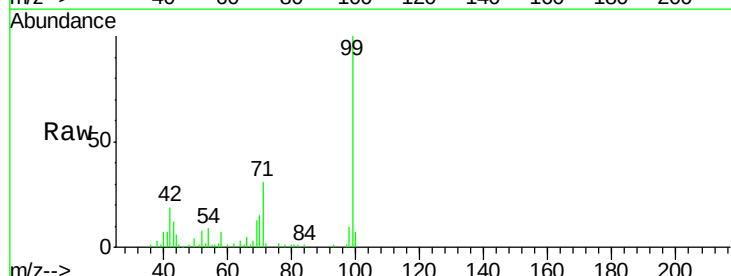
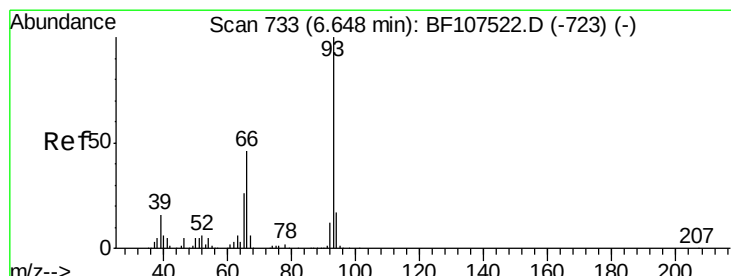
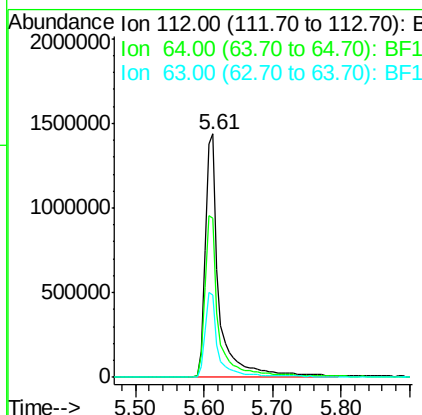




#5
2-Fluorophenol
Concen: 108.304 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

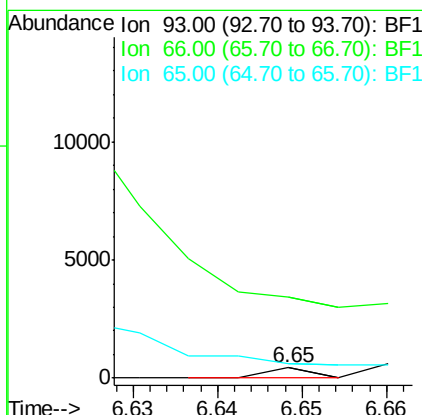
Instrument :
BNA_F
ClientSampleId :
PB111265BL

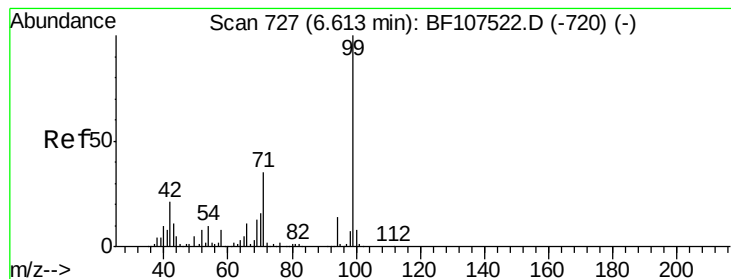
Tgt Ion: 112 Resp: 2105250
Ion Ratio Lower Upper
112 100
64 65.2 47.9 71.9
63 33.6 23.7 35.5



#6
Aniline
Concen: 0.005 ng
RT: 6.65 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

Tgt Ion: 93 Resp: 151
Ion Ratio Lower Upper
93 100
66 806.3 32.2 48.2#
65 142.9 16.4 24.6#





#7

Phenol-d6

Concen: 110.270 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF107532.D

Acq: 20 Jul 2018 19:12

Instrument :

BNA_F

ClientSampleId :

PB111265BL

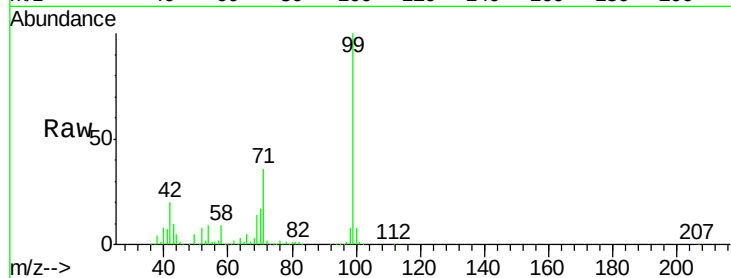
Tgt Ion: 99 Resp: 2573726

Ion Ratio Lower Upper

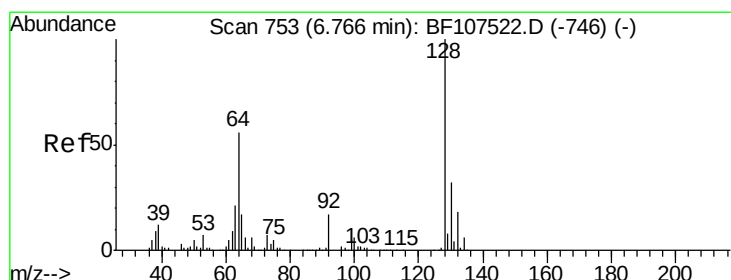
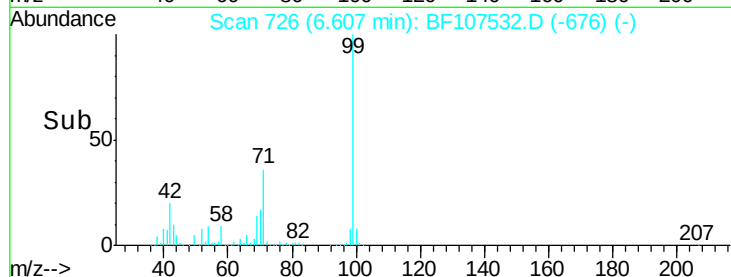
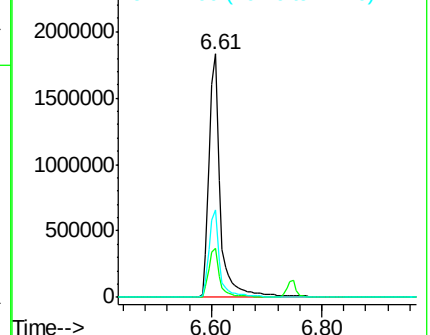
99 100

42 20.1 14.5 21.7

71 35.7 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 0.031 ng

RT: 6.76 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF107532.D

Acq: 20 Jul 2018 19:12

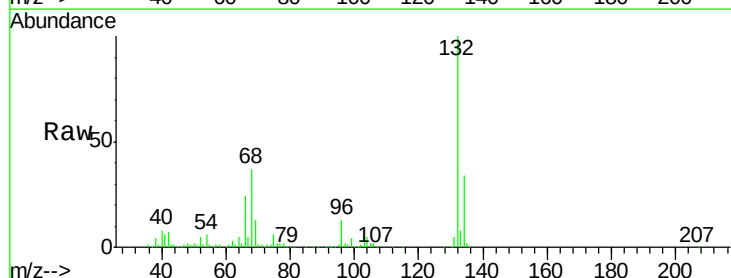
Tgt Ion: 128 Resp: 645

Ion Ratio Lower Upper

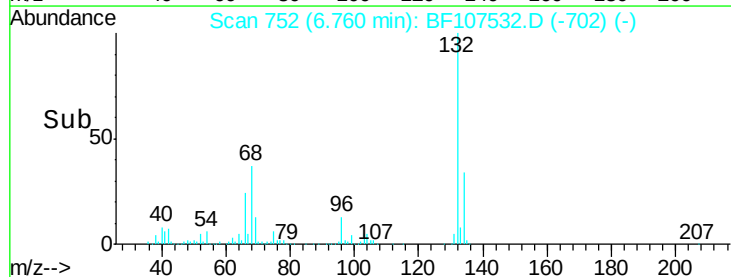
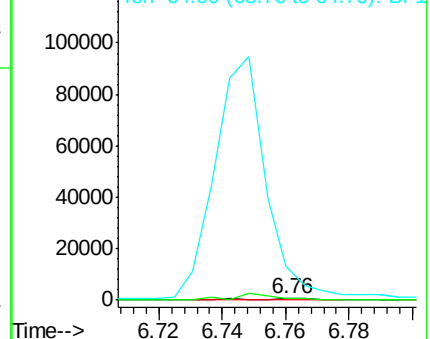
128 100

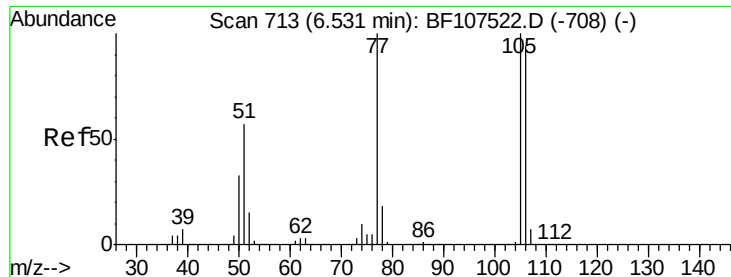
130 164.1 13.0 53.0#

64 2483.2 29.4 69.4#



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 1.316 ng

RT: 6.75 min Scan# 750

Delta R.T. 0.22 min

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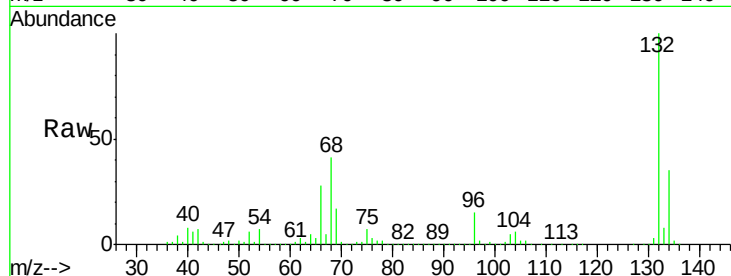
Tgt Ion: 77 Resp: 49093

Ion Ratio Lower Upper

77 100

105 82.2 81.1 121.1

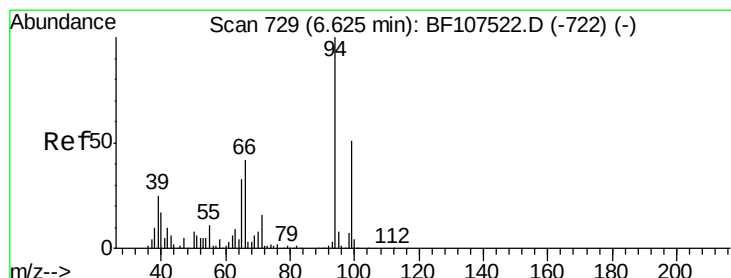
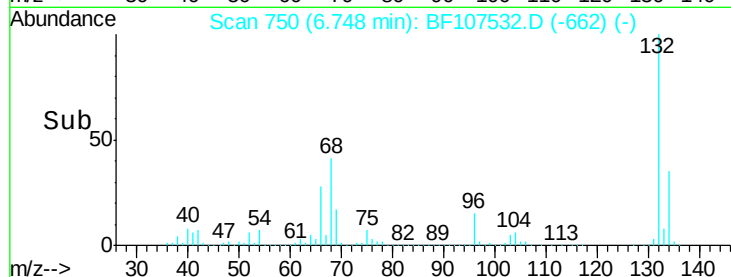
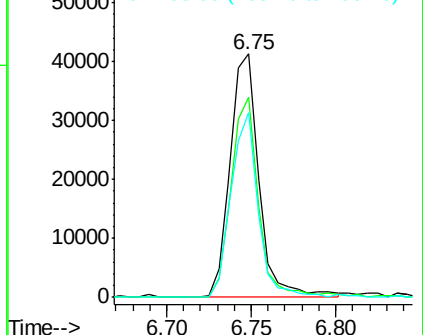
106 76.0 74.5 114.5



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: 0.014 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF107532.D

Acq: 20 Jul 2018 19:12

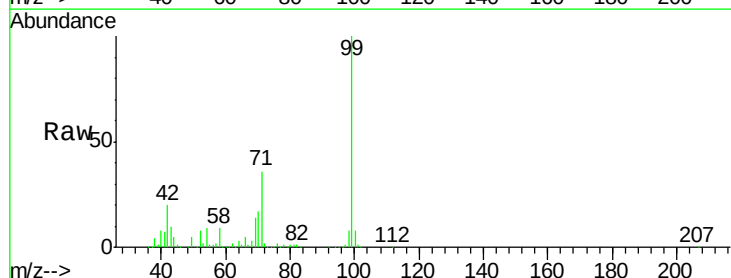
Tgt Ion: 94 Resp: 386

Ion Ratio Lower Upper

94 100

65 2460.6 7.9 47.9#

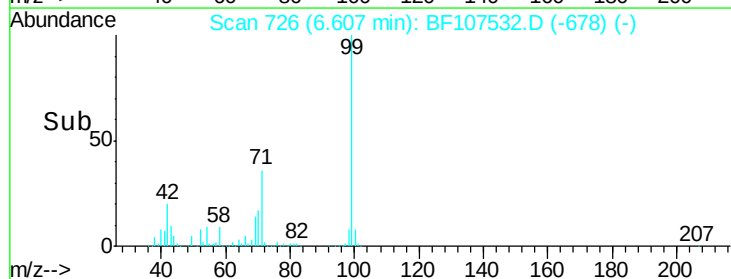
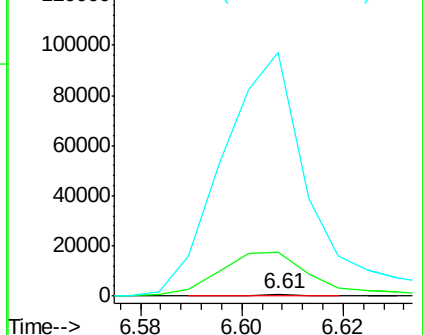
66 13620.2 16.2 56.2#

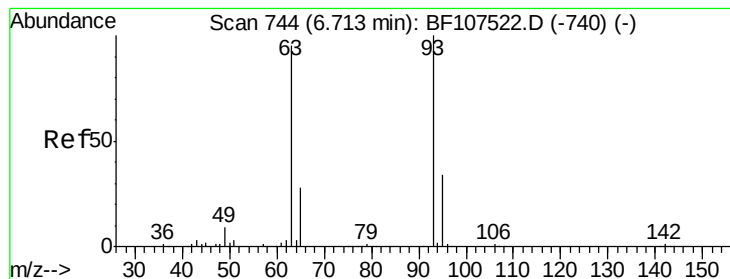


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 0.121 ng

RT: 6.75 min Scan# 750

Delta R.T. 0.04 min

Lab File: BF107532.D

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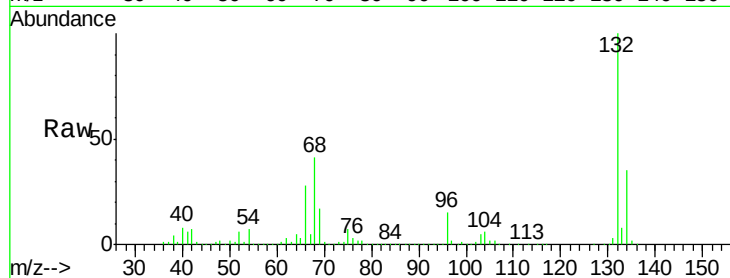
Tgt Ion: 93 Resp: 2746

Ion Ratio Lower Upper

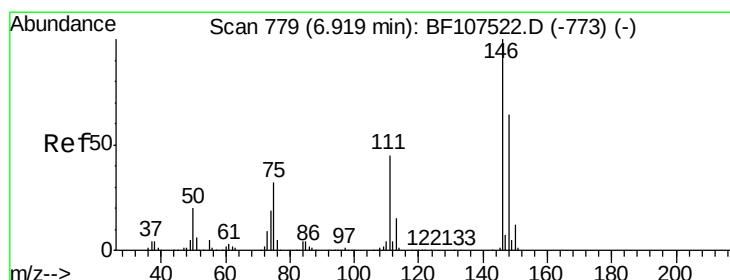
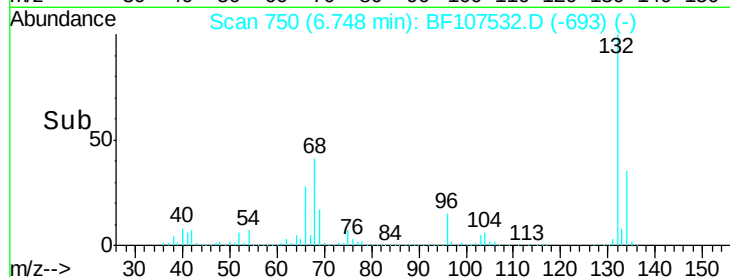
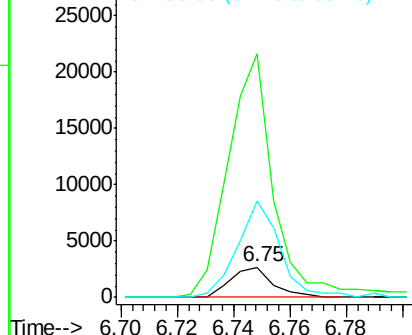
93 100

63 814.2 58.6 98.6#

95 321.9 11.8 51.8#



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



#12

1,3-Dichlorobenzene

Concen: 0.020 ng

RT: 7.13 min Scan# 815

Delta R.T. 0.21 min

Lab File: BF107532.D

Acq: 20 Jul 2018 19:12

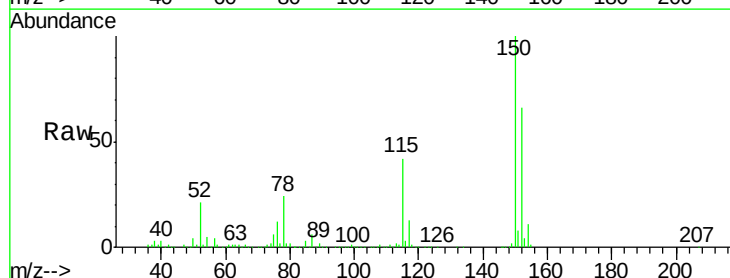
Tgt Ion: 146 Resp: 480

Ion Ratio Lower Upper

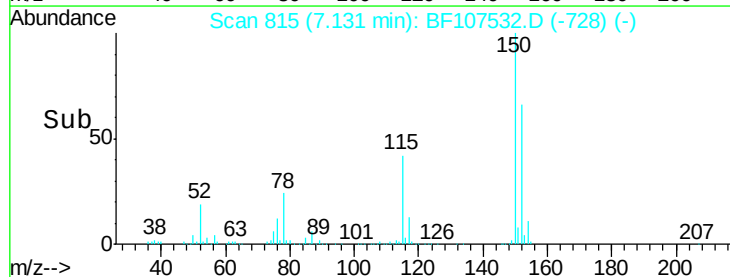
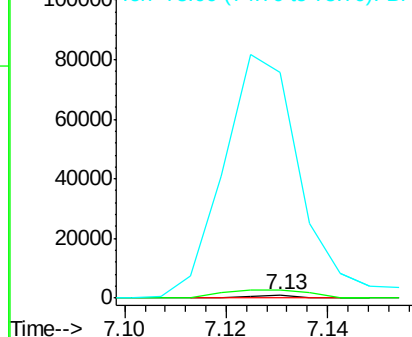
146 100

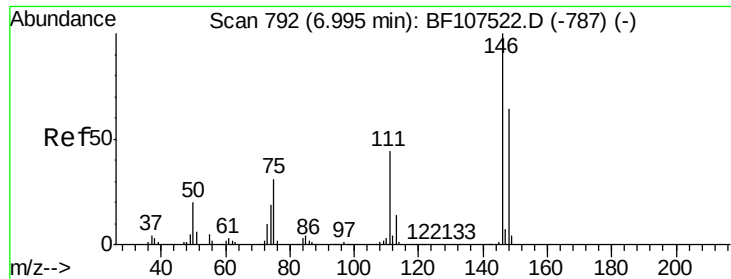
148 157.0 51.8 77.8#

75 4359.4 24.2 36.4#



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

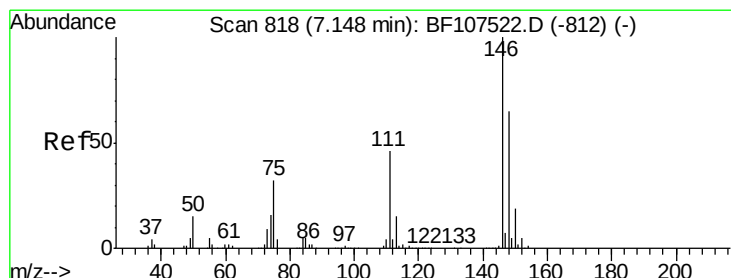
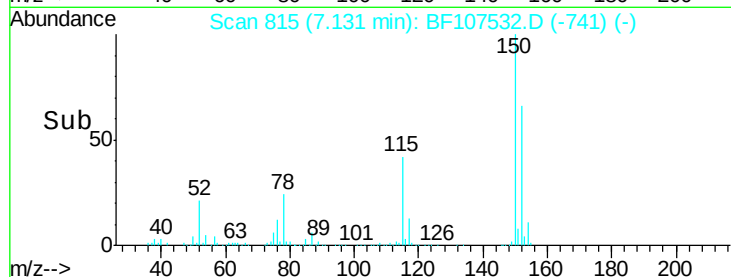
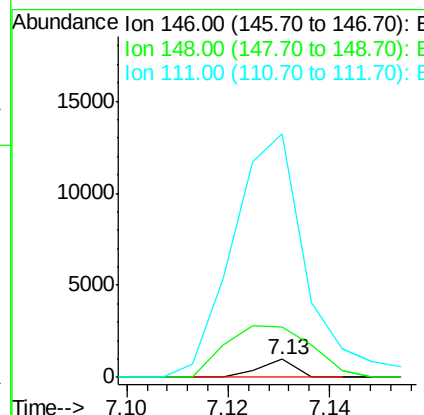
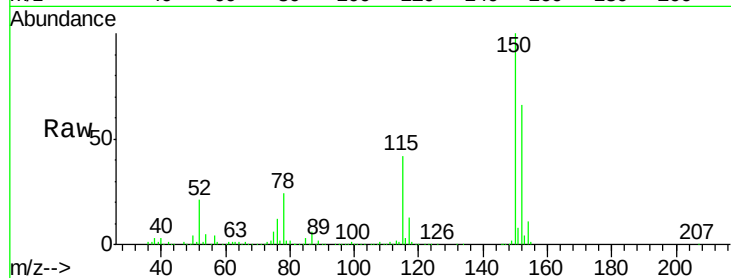




#13
 1,4-Dichlorobenzene
 Concen: 0.020 ng
 RT: 7.13 min Scan# 815
 Delta R.T. 0.14 min
 Lab File: BF107532.D
 Acq: 20 Jul 2018 19:12

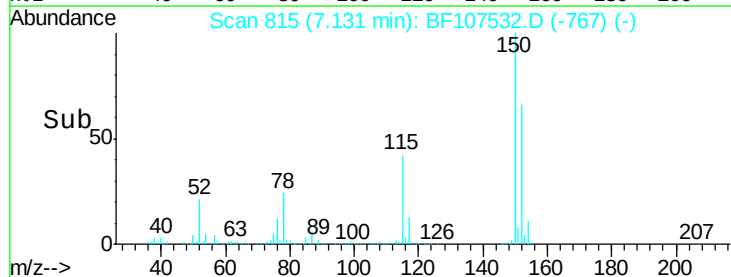
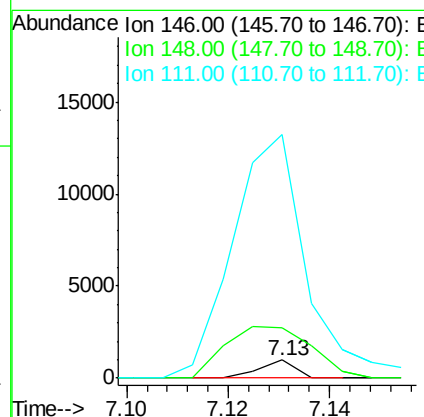
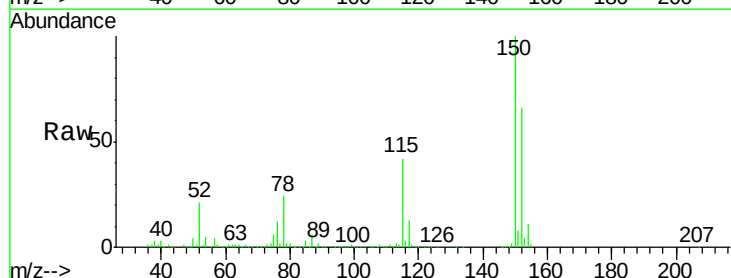
Instrument :
 BNA_F
 ClientSampleId :
 PB111265BL

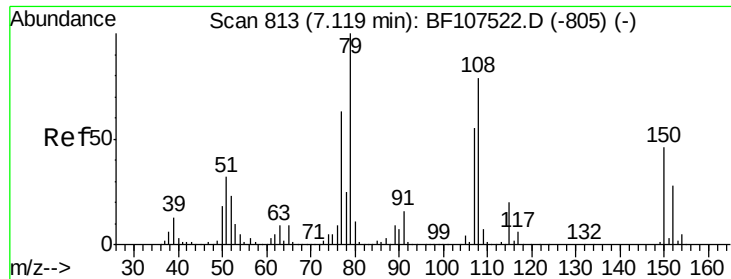
Tgt Ion:146 Resp: 480
 Ion Ratio Lower Upper
 146 100
 148 157.0 50.8 76.2#
 111 761.9 34.2 51.2#



#14
 1,2-Dichlorobenzene
 Concen: 0.022 ng
 RT: 7.13 min Scan# 815
 Delta R.T. -0.02 min
 Lab File: BF107532.D
 Acq: 20 Jul 2018 19:12

Tgt Ion:146 Resp: 480
 Ion Ratio Lower Upper
 146 100
 148 157.0 50.6 75.8#
 111 761.9 36.0 54.0#

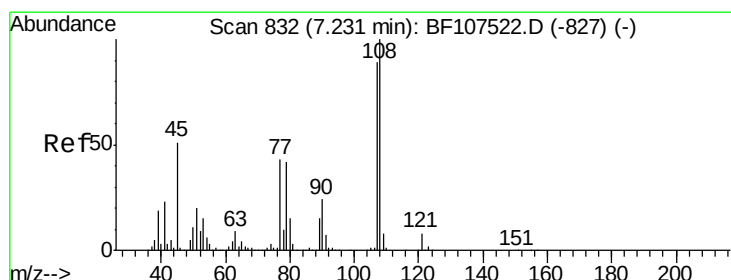
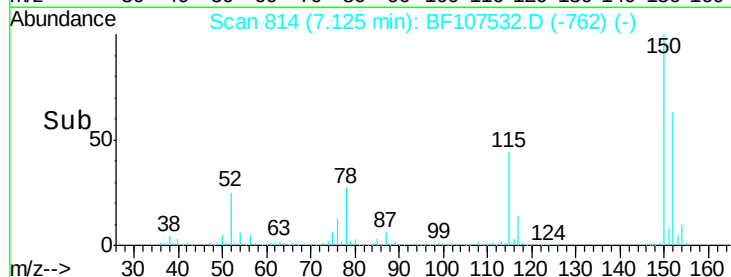
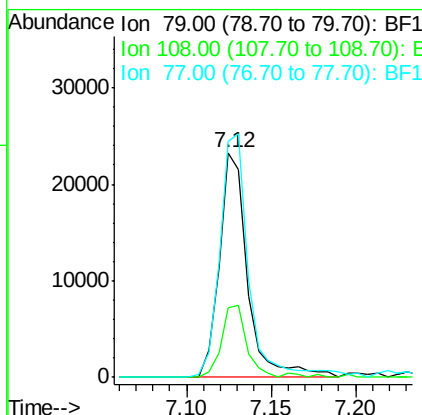
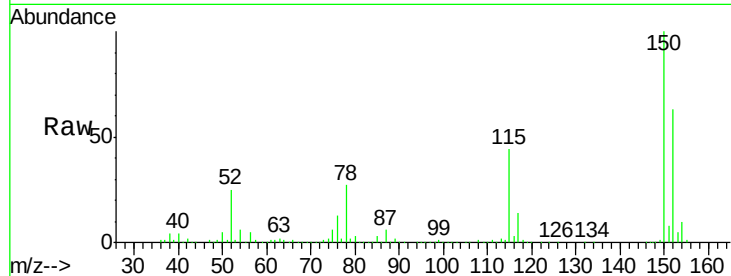




#15
Benzyl Alcohol
Concen: 1.706 ng
RT: 7.12 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

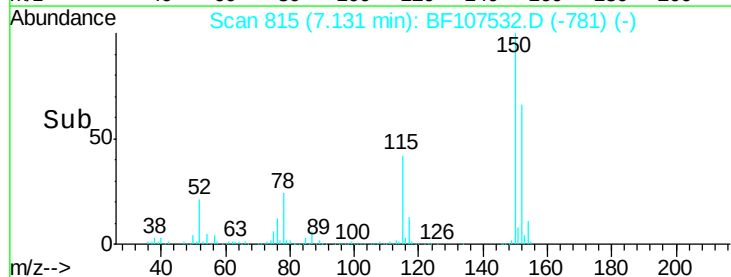
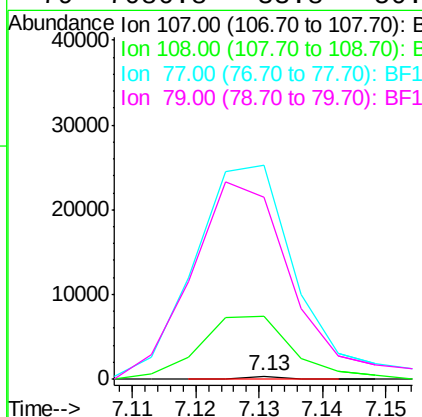
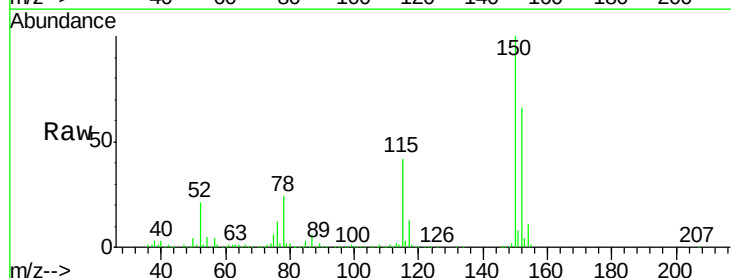
Instrument :
BNA_F
ClientSampleId :
PB111265BL

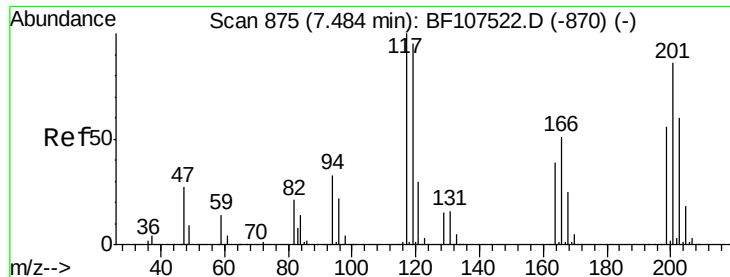
Tgt Ion: 79 Resp: 27136
Ion Ratio Lower Upper
79 100
108 31.2 65.1 97.7#
77 105.1 50.6 75.8#



#17
2-Methylphenol
Concen: 0.006 ng
RT: 7.13 min Scan# 815
Delta R.T. -0.10 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

Tgt Ion: 107 Resp: 107
Ion Ratio Lower Upper
107 100
108 2454.9 91.7 137.5#
77 8300.0 33.8 50.8#
79 7086.8 33.8 50.8#





#18

Hexachloroethane

Concen: 0.016 ng

RT: 7.42 min Scan# 864

Delta R.T. -0.06 min

Lab File: BF107532.D

Acq: 20 Jul 2018 19:12

Instrument :

BNA_F

ClientSampleId :

PB111265BL

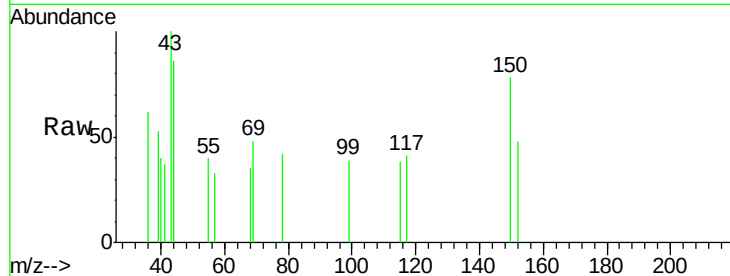
Tgt Ion:117 Resp: 133

Ion Ratio Lower Upper

117 100

119 0.0 75.8 113.8#

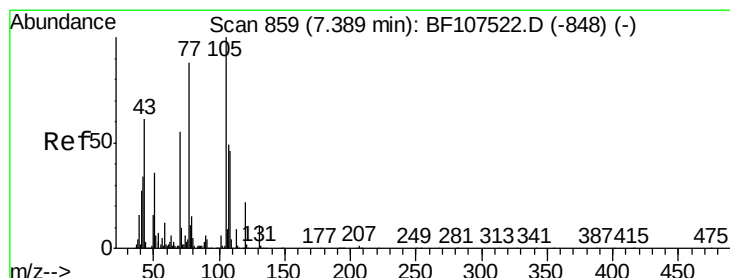
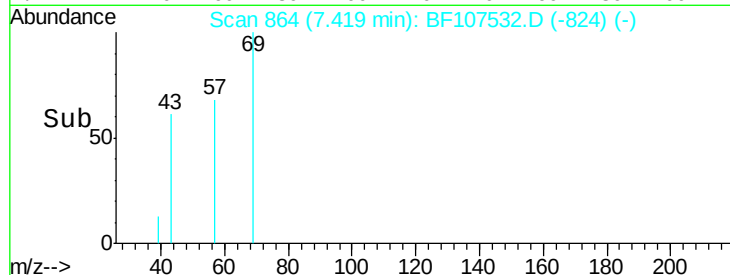
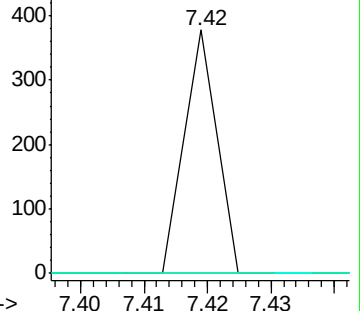
201 0.0 75.7 113.5#



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: 14.090 ng

RT: 7.54 min Scan# 884

Delta R.T. 0.15 min

Lab File: BF107532.D

Acq: 20 Jul 2018 19:12

Tgt Ion: 70 Resp: 212449

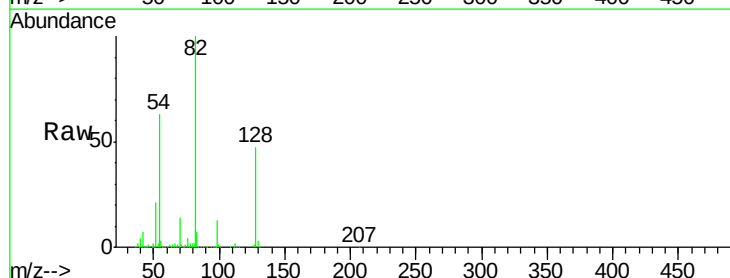
Ion Ratio Lower Upper

70 100

42 49.6 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

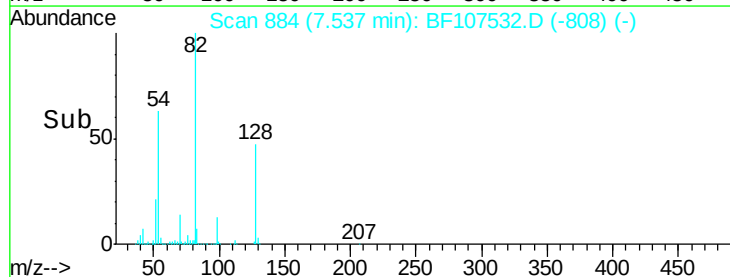
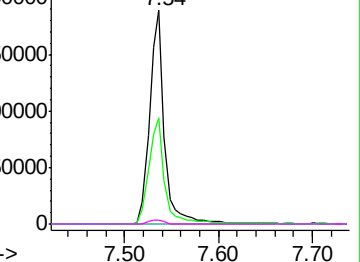


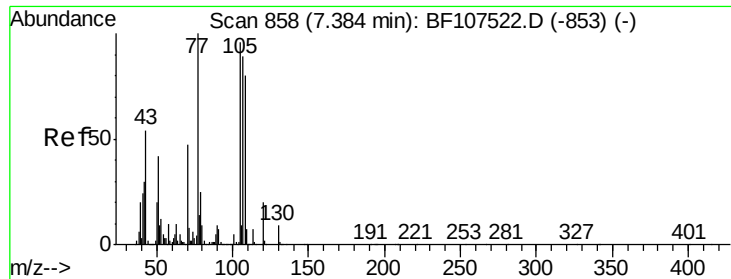
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

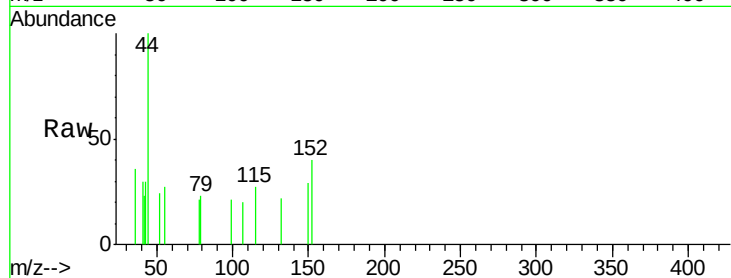




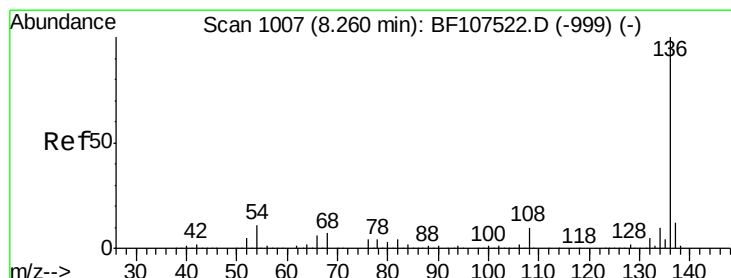
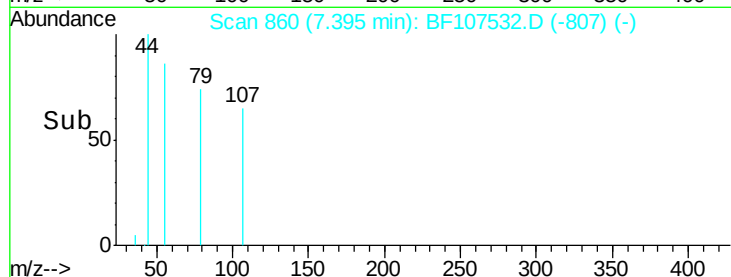
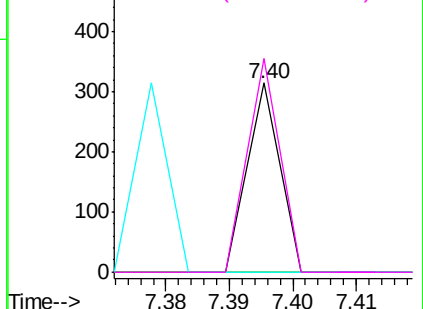
#20
3+4-Methylphenols
Concen: 0.005 ng
RT: 7.40 min Scan# 860
Delta R.T. 0.01 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

Instrument :
BNA_F
ClientSampleId :
PB111265BL

Tgt Ion:107 Resp: 111
Ion Ratio Lower Upper
107 100
108 0.0 68.2 108.2#
77 0.0 26.7 66.7#
79 113.1 6.3 46.3#

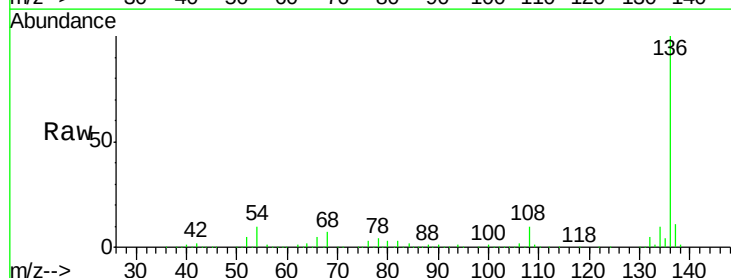


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

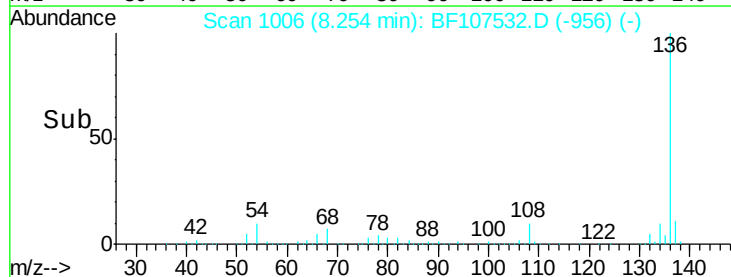
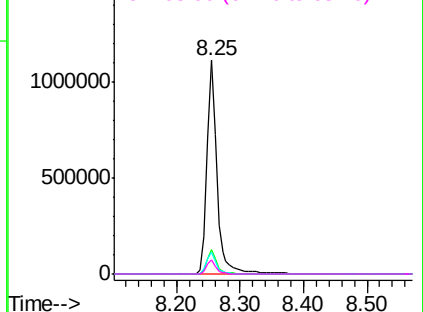


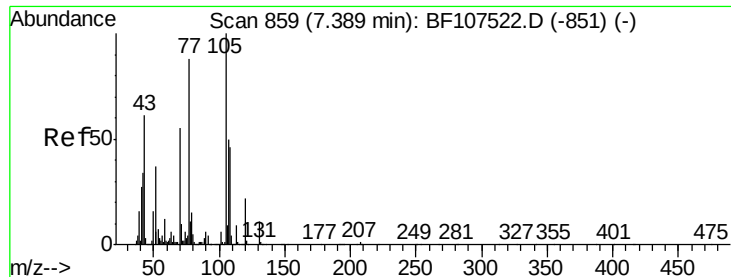
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

Tgt Ion:136 Resp: 1218580
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 10.2 6.6 9.8#
68 6.7 5.0 7.4



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





#22

Acetophenone

Concen: 0.004 ng

RT: 7.38 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF107532.D

Acq: 20 Jul 2018 19:12

Instrument :

BNA_F

ClientSampleId :

PB111265BL

Tgt Ion:105 Resp: 116

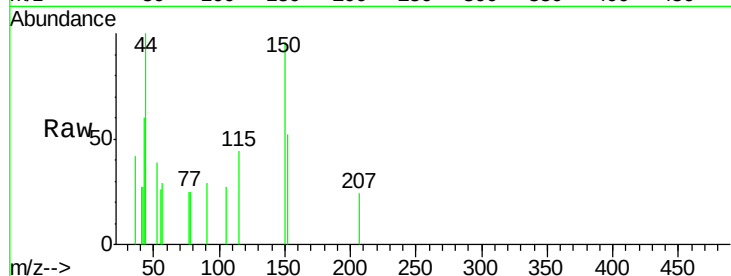
Ion Ratio Lower Upper

105 100

71 0.0 4.4 6.6#

51 0.0 22.3 33.5#

120 0.0 16.9 25.3#



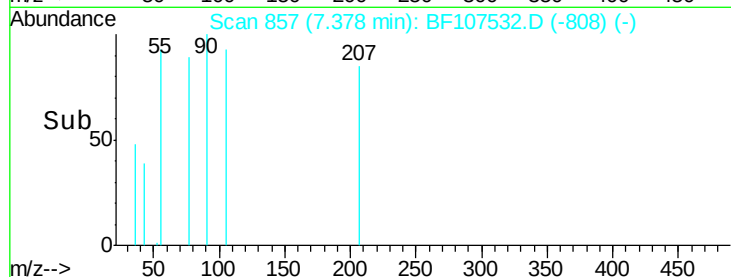
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

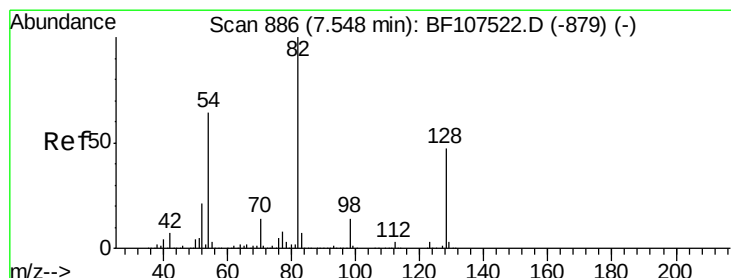
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

Time-->



Time-->



#23

Nitrobenzene-d5

Concen: 86.866 ng

RT: 7.54 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF107532.D

Acq: 20 Jul 2018 19:12

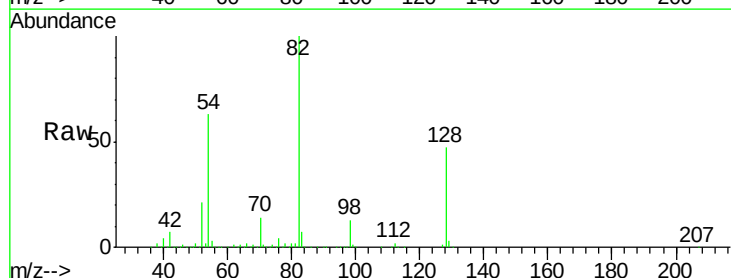
Tgt Ion: 82 Resp: 1568486

Ion Ratio Lower Upper

82 100

128 46.5 36.1 54.1

54 62.8 41.4 62.2#

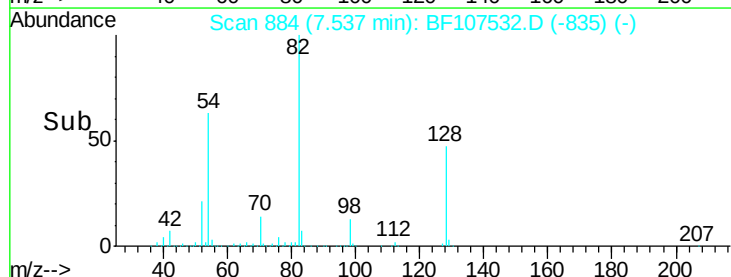


Abundance Ion 82.00 (81.70 to 82.70): BF1

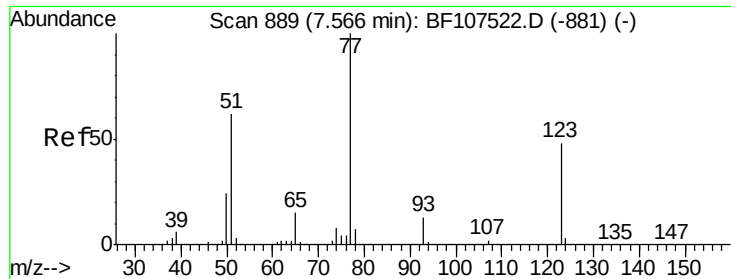
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

Time-->



Time-->



#24

Nitrobenzene

Concen: 0.228 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.04 min

Lab File: BF107532.D

Acq: 20 Jul 2018 19:12

Instrument :

BNA_F

ClientSampleId :

PB111265BL

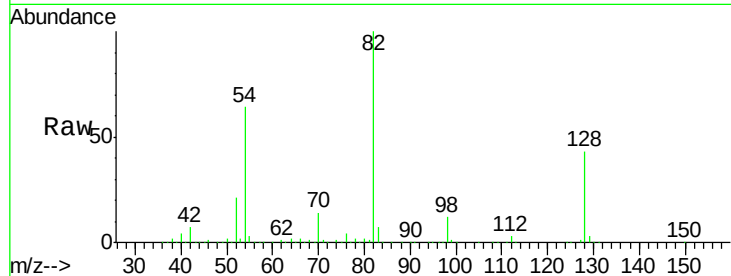
Tgt Ion: 77 Resp: 4707

Ion Ratio Lower Upper

77 100

123 0.0 37.9 56.9#

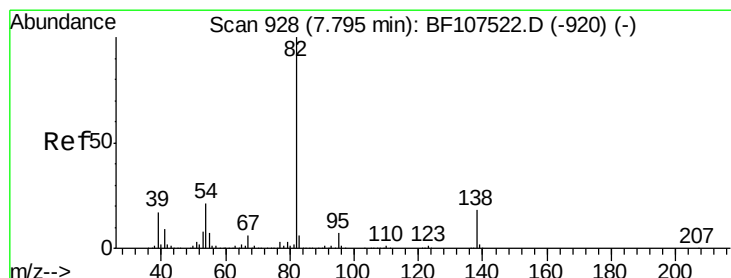
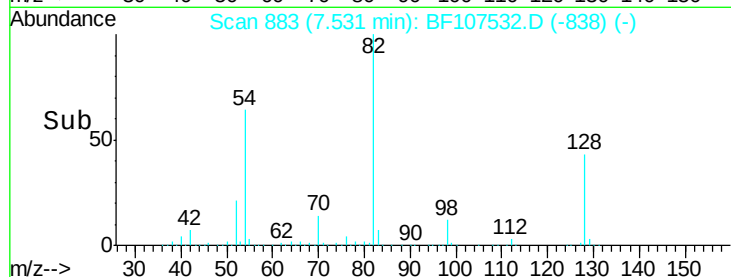
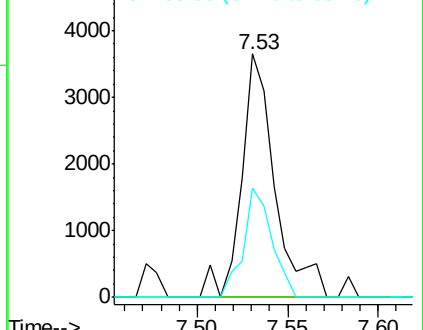
65 44.9 11.0 16.4#



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: 40.683 ng

RT: 7.54 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF107532.D

Acq: 20 Jul 2018 19:12

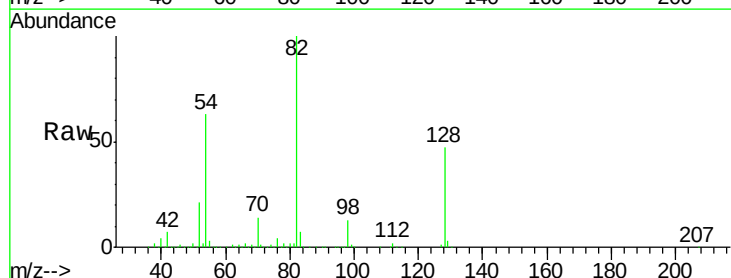
Tgt Ion: 82 Resp: 1568477

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

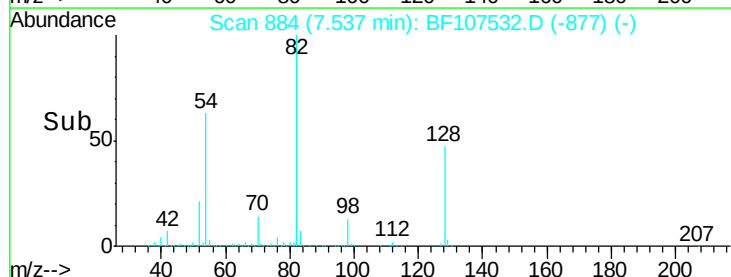
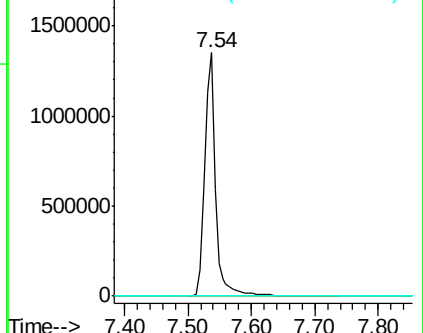
138 0.0 14.9 22.3#

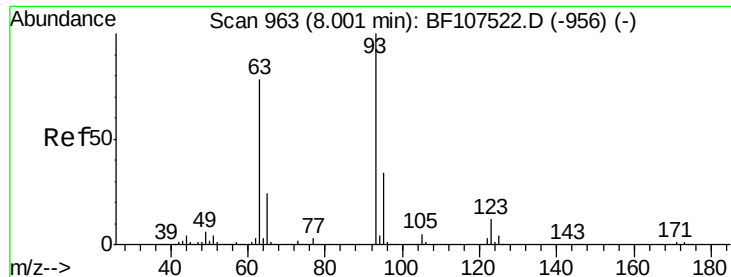


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

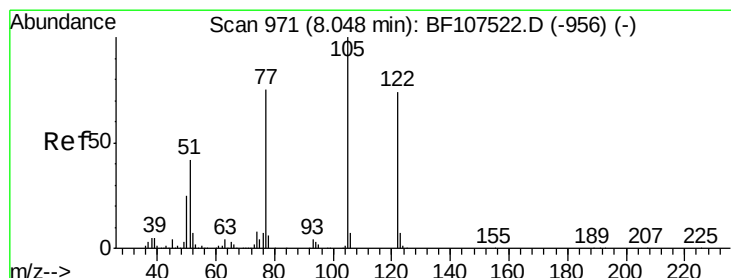
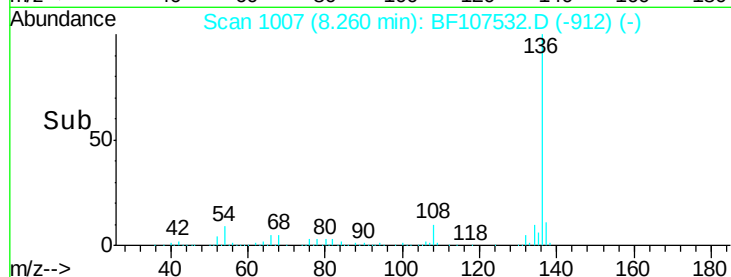
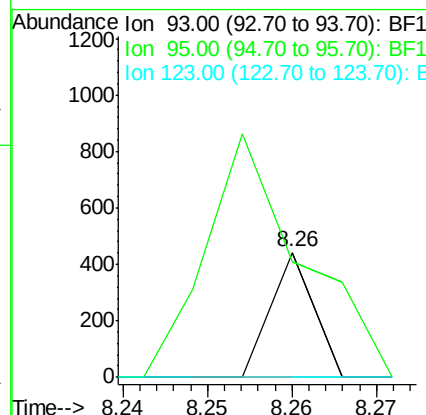
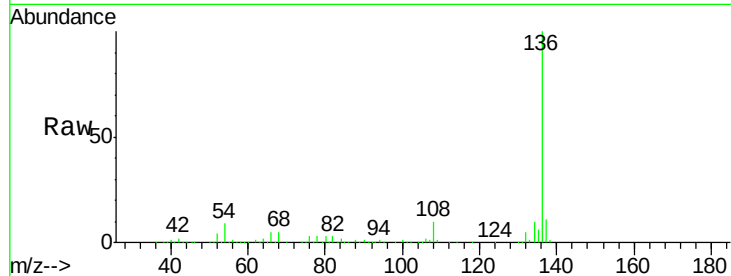




#28
bis(2-Chloroethoxy)methane
Concen: 0.006 ng
RT: 8.26 min Scan# 1007
Delta R.T. 0.26 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

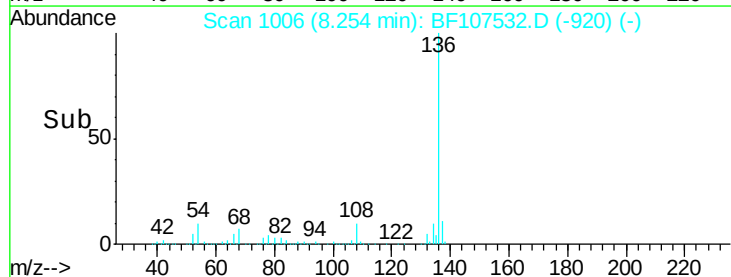
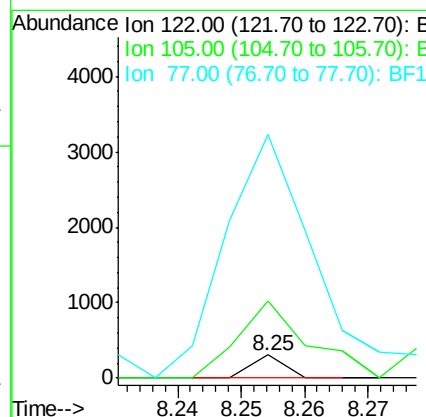
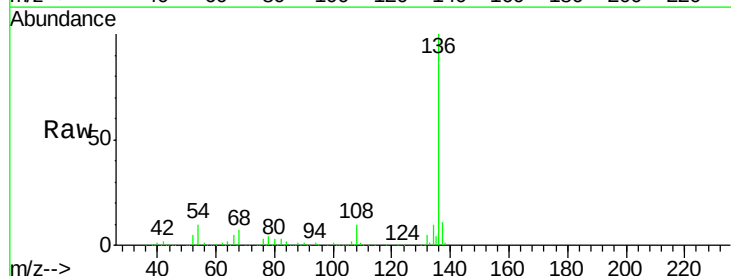
Instrument :
BNA_F
ClientSampleId :
PB111265BL

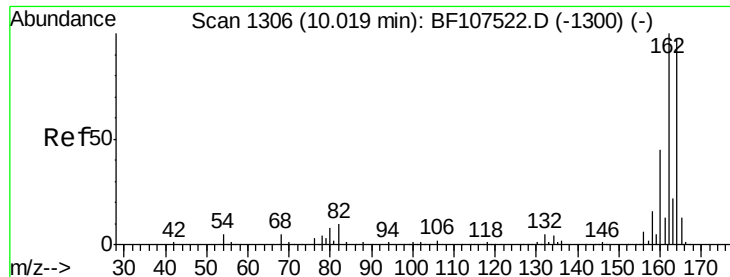
Tgt Ion: 93 Resp: 156
Ion Ratio Lower Upper
93 100
95 93.2 26.3 39.5#
123 0.0 9.8 14.6#



#32
Benzoic acid
Concen: 7.907 ng
RT: 8.25 min Scan# 1006
Delta R.T. 0.21 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

Tgt Ion: 122 Resp: 107
Ion Ratio Lower Upper
122 100
105 337.5 101.1 141.1#
77 1062.2 70.7 110.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF107532.D

Acq: 20 Jul 2018 19:12

Instrument :

BNA_F

ClientSampleId :

PB111265BL

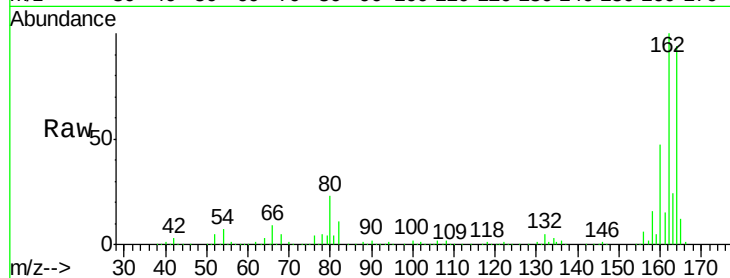
Tgt Ion:164 Resp: 559892

Ion Ratio Lower Upper

164 100

162 106.2 86.1 129.1

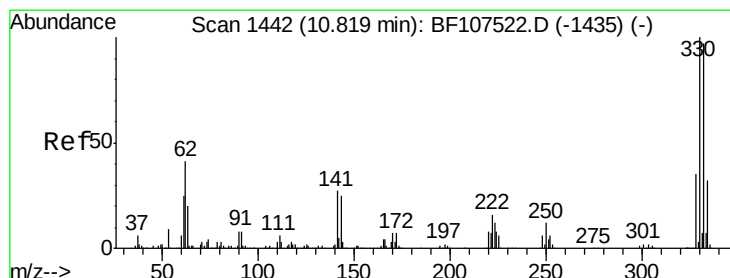
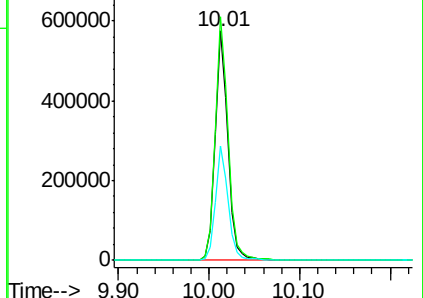
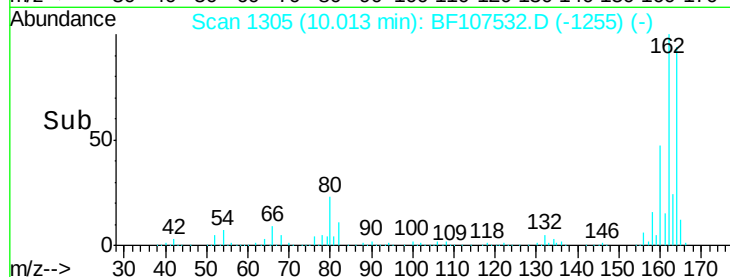
160 49.8 38.3 57.5



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



#41

2,4,6-Tribromophenol

Concen: 123.684 ng

RT: 10.81 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF107532.D

Acq: 20 Jul 2018 19:12

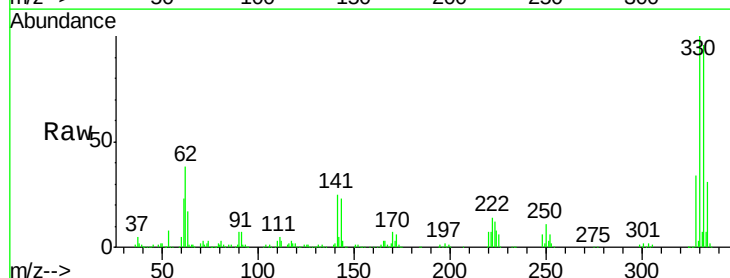
Tgt Ion:330 Resp: 787474

Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.6

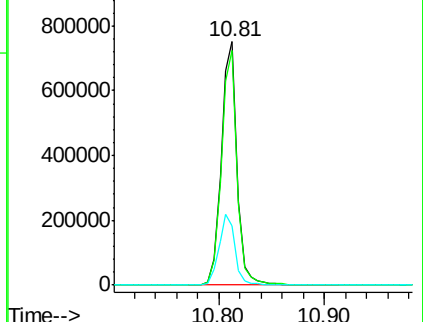
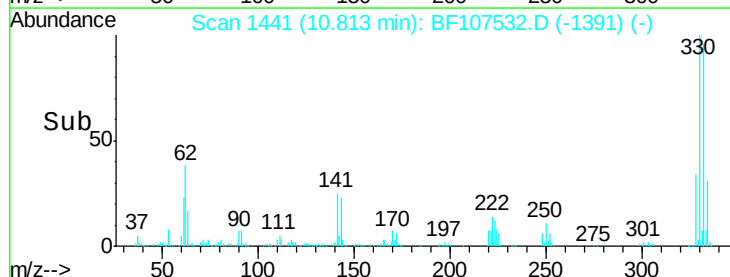
141 30.3 29.9 44.9

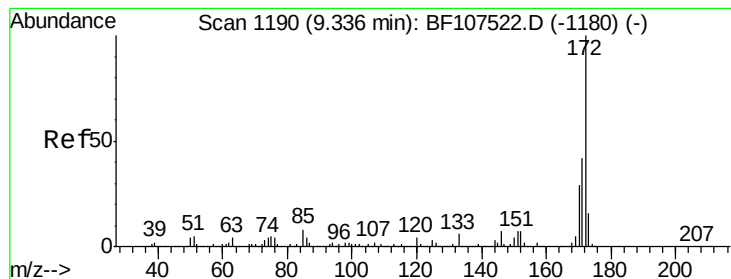


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 84.604 ng

RT: 9.33 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF107532.D

Acq: 20 Jul 2018 19:12

Instrument :

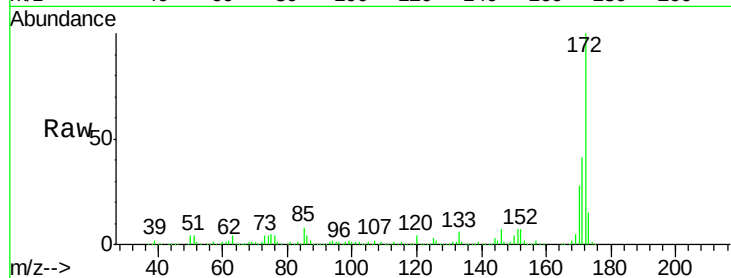
BNA_F

ClientSampleId :

PB111265BL

Tgt Ion:172 Resp: 2769407

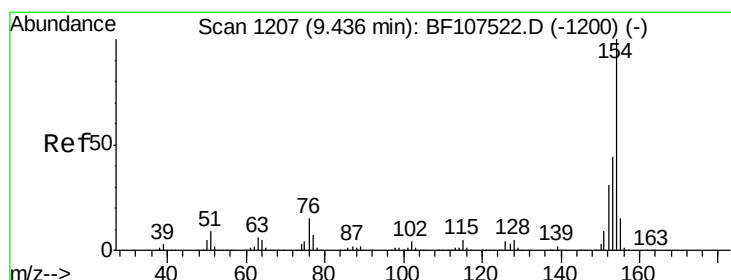
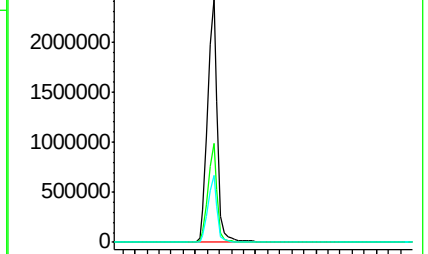
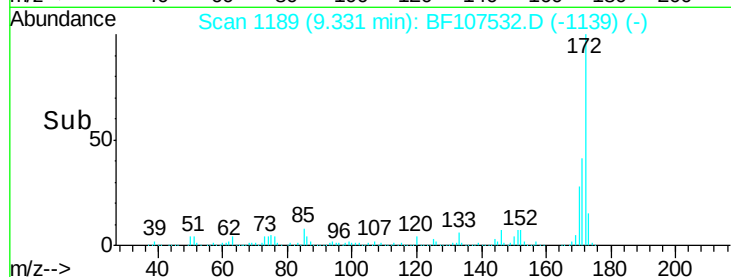
Ion	Ratio	Lower	Upper
172	100		
171	40.8	29.7	44.5
170	27.6	19.6	29.4



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



#45

1,1'-Biphenyl

Concen: 0.124 ng

RT: 9.43 min Scan# 1206

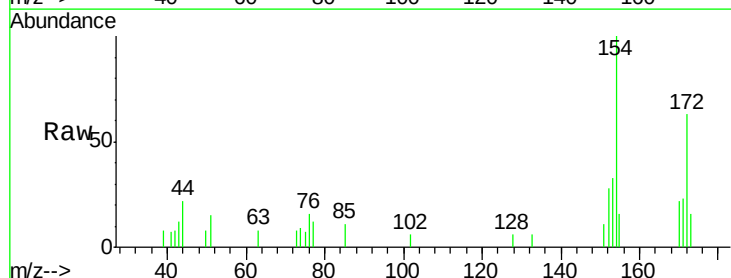
Delta R.T. -0.01 min

Lab File: BF107532.D

Acq: 20 Jul 2018 19:12

Tgt Ion:154 Resp: 6025

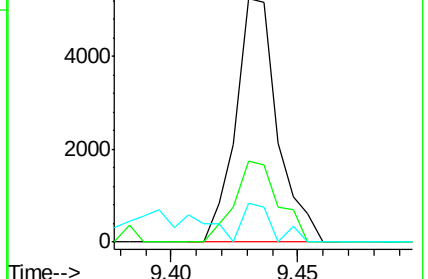
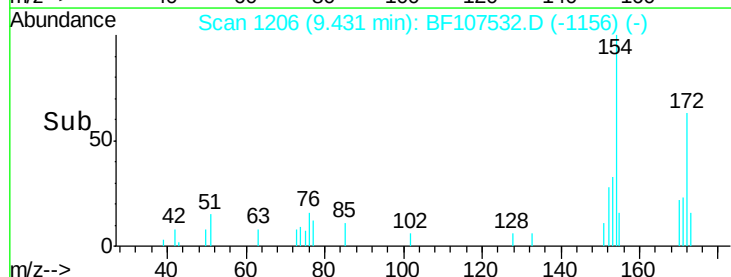
Ion	Ratio	Lower	Upper
154	100		
153	33.2	21.3	61.3
76	15.7	0.0	34.0

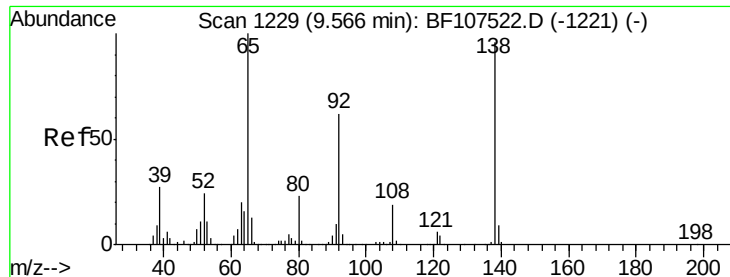


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

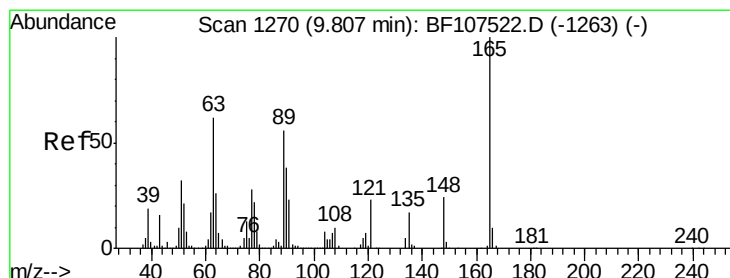
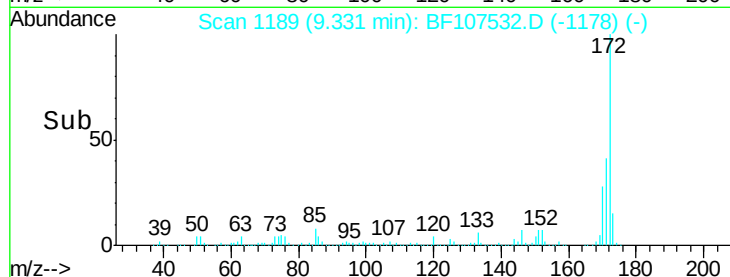
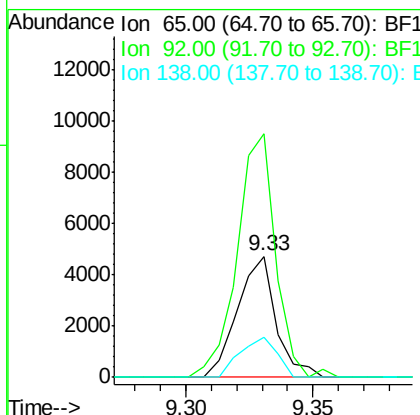
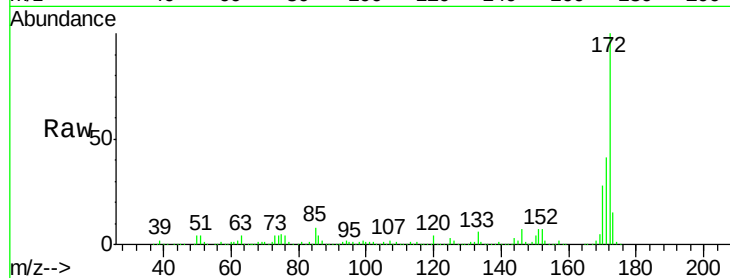




#47
 2-Nitroaniline
 Concen: 0.457 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. -0.24 min
 Lab File: BF107532.D
 Acq: 20 Jul 2018 19:12

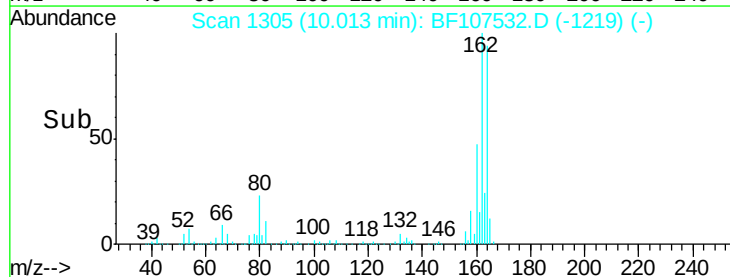
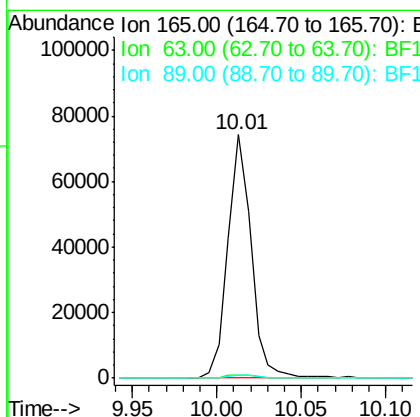
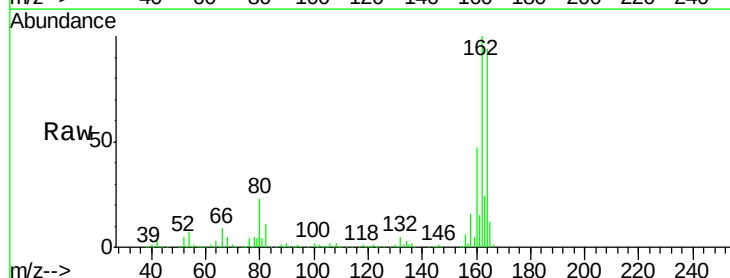
Instrument :
 BNA_F
 ClientSampleId :
 PB111265BL

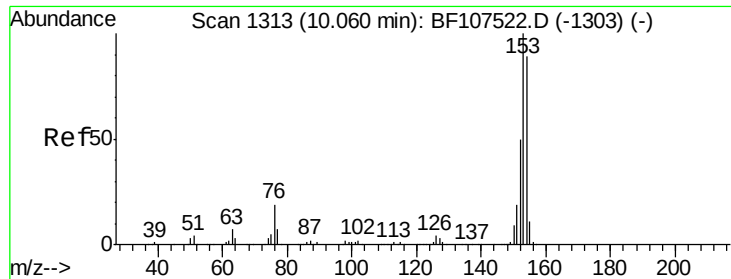
Tgt Ion: 65 Resp: 4970
 Ion Ratio Lower Upper
 65 100
 92 181.1 55.8 83.6#
 138 29.5 91.2 136.8#



#50
 2,6-Dinitrotoluene
 Concen: 8.526 ng
 RT: 10.01 min Scan# 1305
 Delta R.T. 0.21 min
 Lab File: BF107532.D
 Acq: 20 Jul 2018 19:12

Tgt Ion: 165 Resp: 71426
 Ion Ratio Lower Upper
 165 100
 63 1.2 44.7 67.1#
 89 1.2 44.0 66.0#

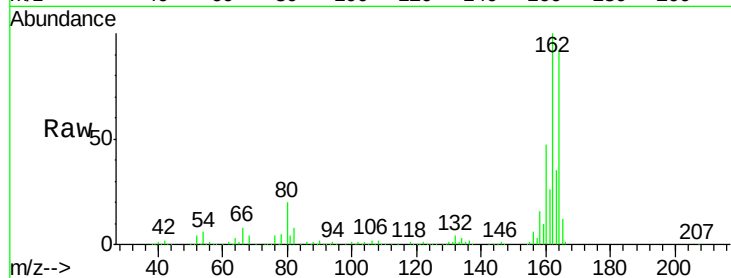




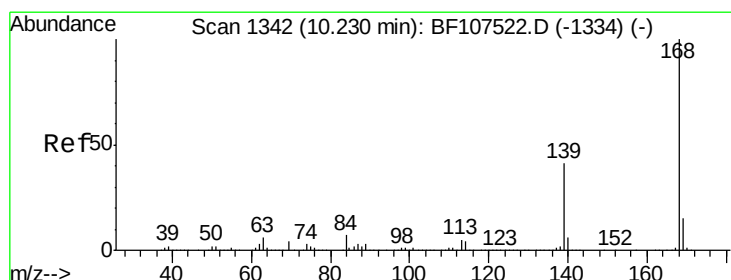
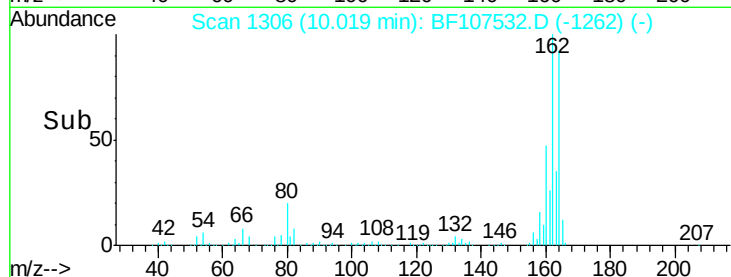
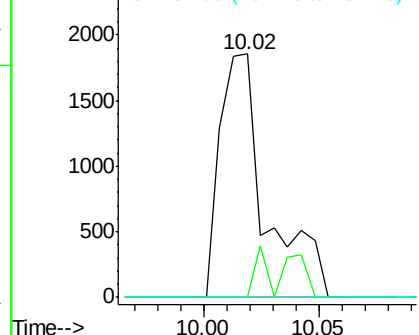
#51
Acenaphthene
Concen: 0.074 ng
RT: 10.02 min Scan# 1306
Delta R.T. -0.04 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

Instrument :
BNA_F
ClientSampleId :
PB111265BL

Tgt Ion:154 Resp: 2582
Ion Ratio Lower Upper
154 100
153 0.0 91.2 136.8#
152 0.0 43.8 65.8#

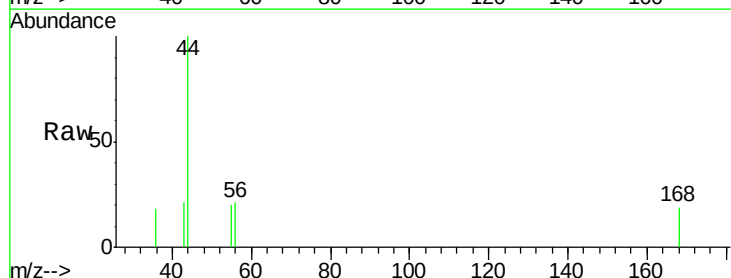


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

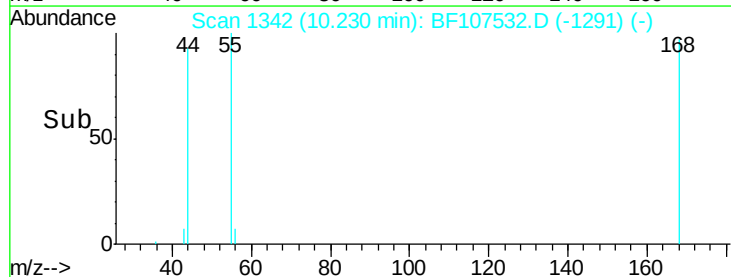
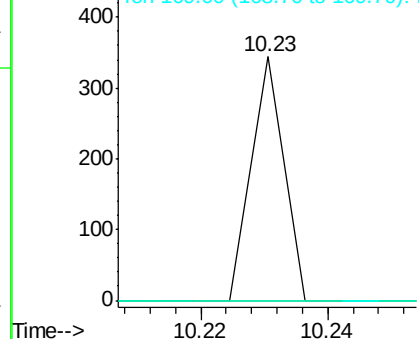


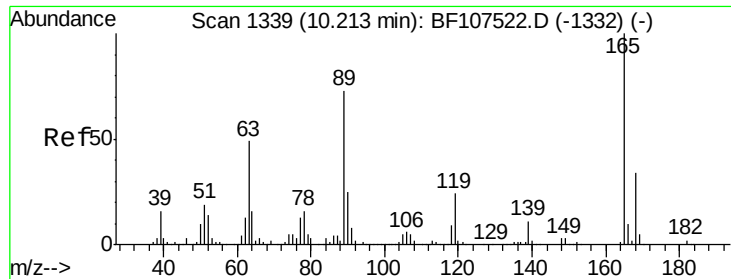
#54
Dibenzofuran
Concen: 0.002 ng
RT: 10.23 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

Tgt Ion:168 Resp: 121
Ion Ratio Lower Upper
168 100
139 0.0 30.1 45.1#
169 0.0 10.9 16.3#



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

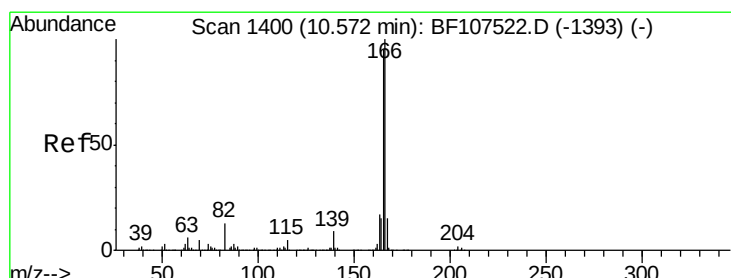
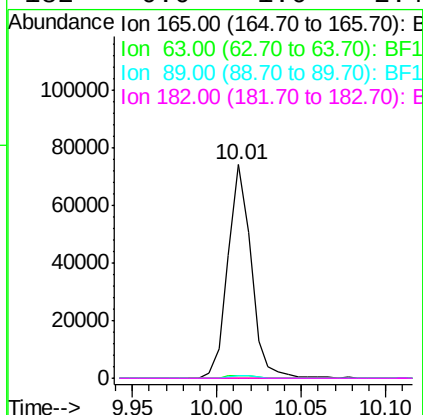
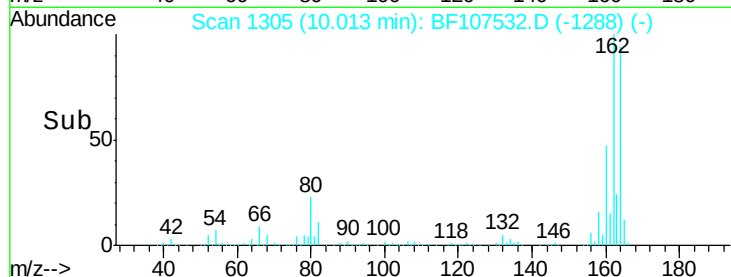
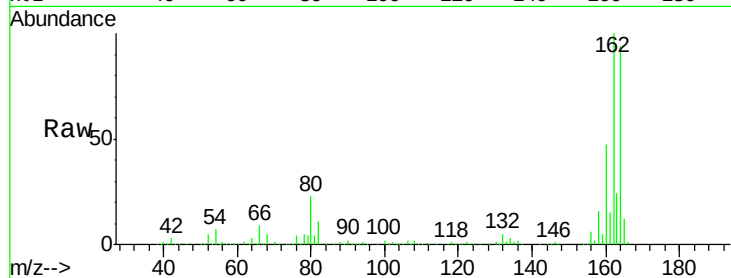




#56
2,4-Dinitrotoluene
Concen: 7.063 ng
RT: 10.01 min Scan# 1305
Delta R.T. -0.20 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

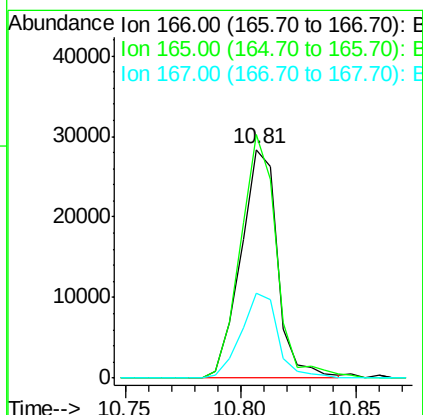
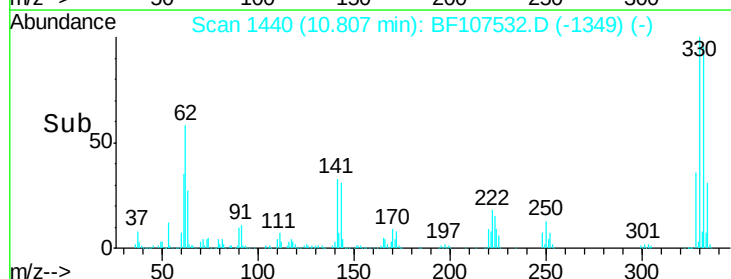
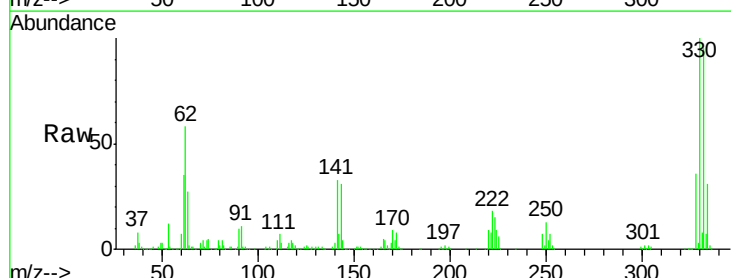
Instrument :
BNA_F
ClientSampleId :
PB111265BL

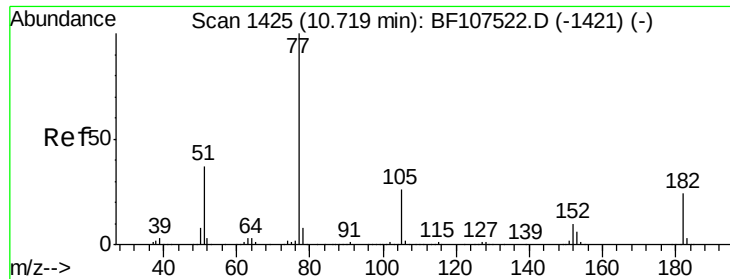
Tgt Ion:165 Resp: 71426
Ion Ratio Lower Upper
165 100
63 1.2 36.4 54.6#
89 1.2 57.8 86.6#
182 0.0 1.6 2.4#



#57
Fluorene
Concen: 0.858 ng
RT: 10.81 min Scan# 1440
Delta R.T. 0.24 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

Tgt Ion:166 Resp: 31627
Ion Ratio Lower Upper
166 100
165 106.5 79.8 119.8
167 37.0 10.6 16.0#





#62

Azobenzene

Concen: 0.009 ng

RT: 10.70 min Scan# 1422

Delta R.T. -0.02 min

Lab File: BF107532.D

Acq: 20 Jul 2018 19:12

Instrument :

BNA_F

ClientSampleId :

PB111265BL

Tgt Ion: 77 Resp: 377

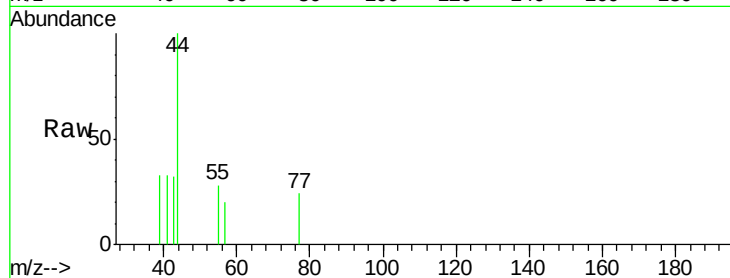
Ion Ratio Lower Upper

77 100

182 0.0 1.7 41.7#

105 0.0 3.0 43.0#

51 0.0 9.9 49.9#

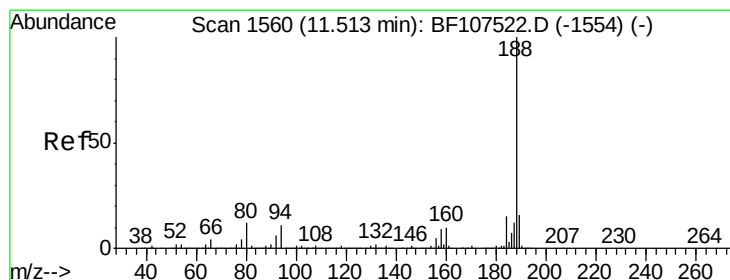
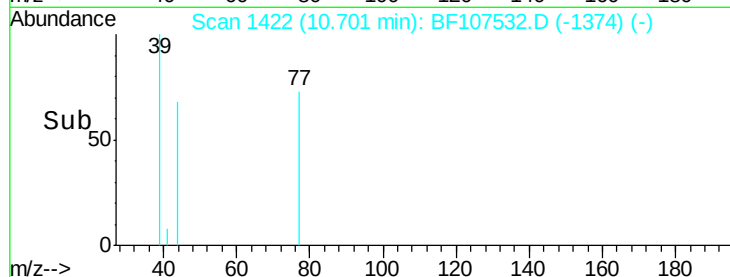
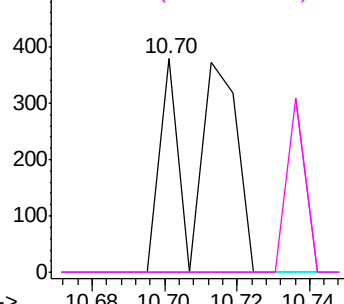


Abundance Ion 77.00 (76.70 to 77.70): BF1

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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.51 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF107532.D

Acq: 20 Jul 2018 19:12

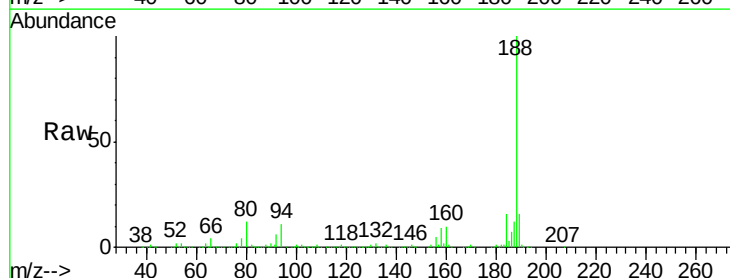
Tgt Ion: 188 Resp: 1163966

Ion Ratio Lower Upper

188 100

94 10.8 8.5 12.7

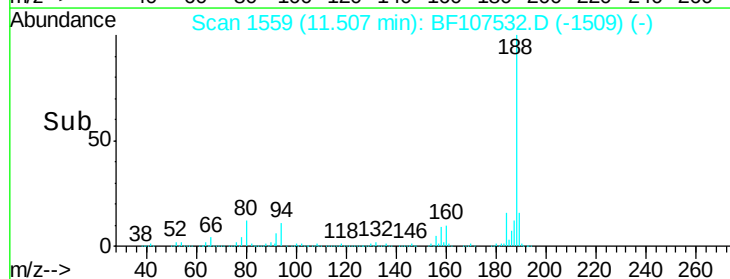
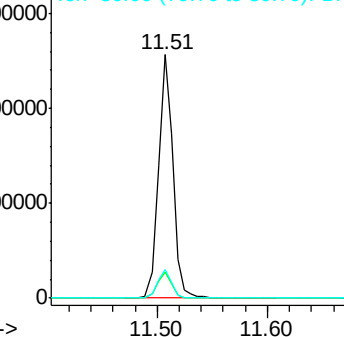
80 11.9 9.2 13.8

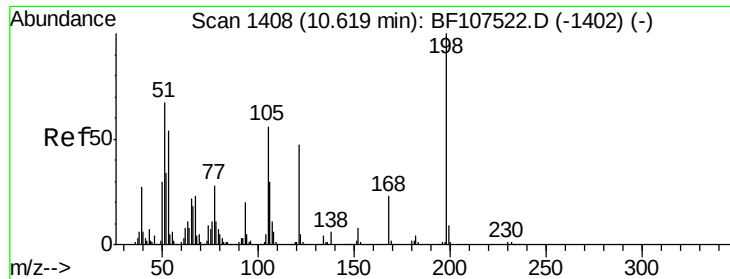


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#64

4,6-Dinitro-2-methylphenol

Concen: 8.907 ng

RT: 10.81 min Scan# 1441

Delta R.T. 0.19 min

Lab File: BF107532.D

Acq: 20 Jul 2018 19:12

Instrument :

BNA_F

ClientSampleId :

PB111265BL

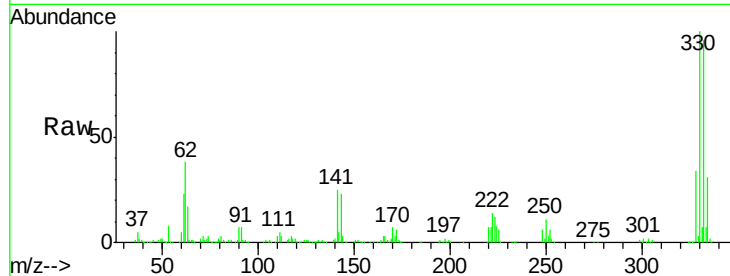
Tgt Ion:198 Resp: 1550

Ion Ratio Lower Upper

198 100

51 151.1 37.7 77.7#

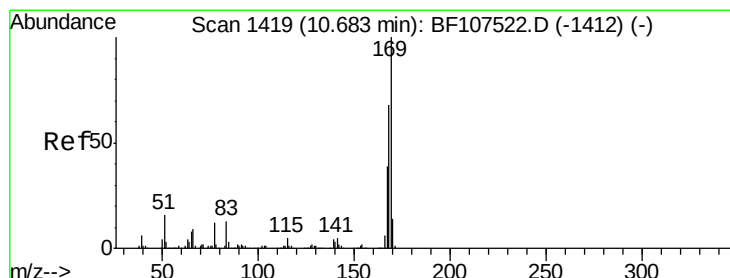
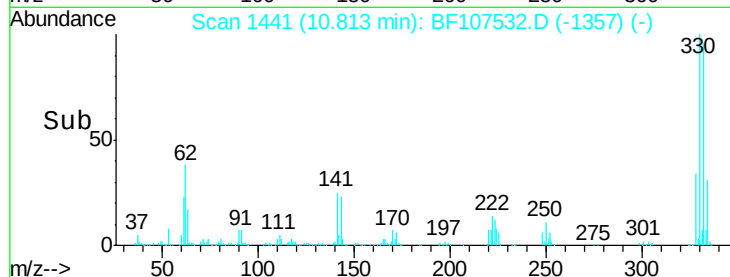
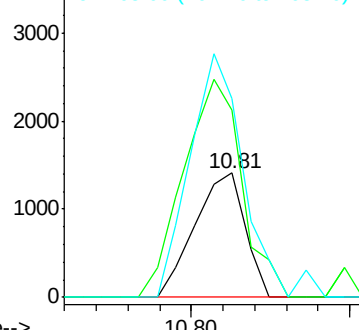
105 160.1 36.3 76.3#



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



#65

n-Nitrosodiphenylamine

Concen: 0.557 ng

RT: 10.81 min Scan# 1440

Delta R.T. 0.12 min

Lab File: BF107532.D

Acq: 20 Jul 2018 19:12

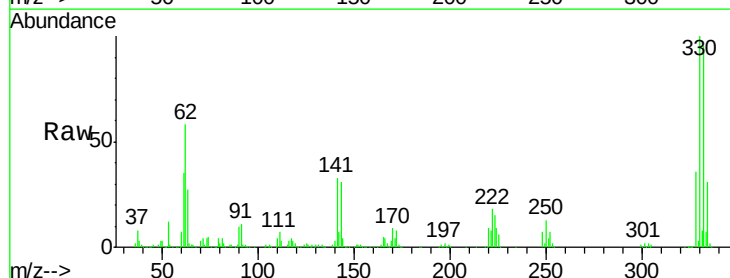
Tgt Ion:169 Resp: 22000

Ion Ratio Lower Upper

169 100

168 6.5 54.4 81.6#

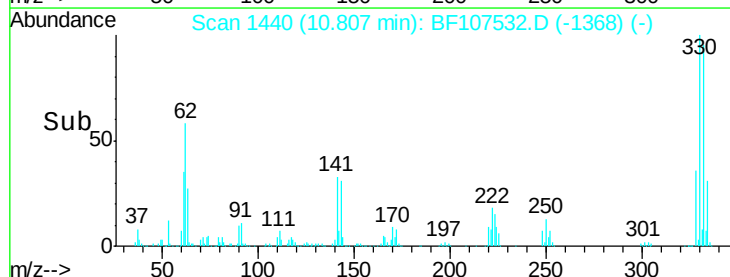
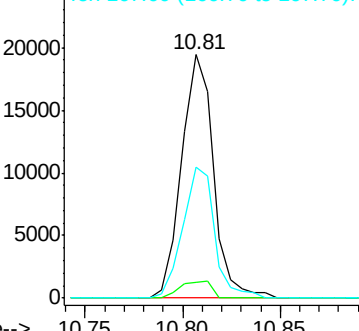
167 54.0 29.8 44.6#

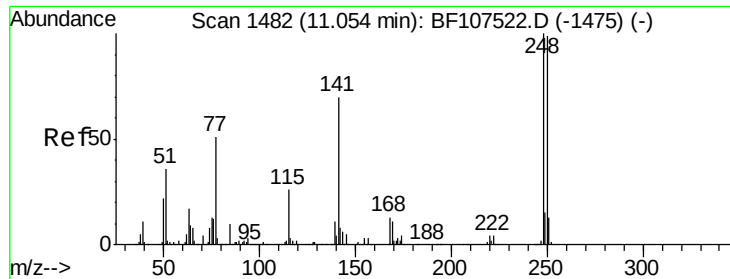


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

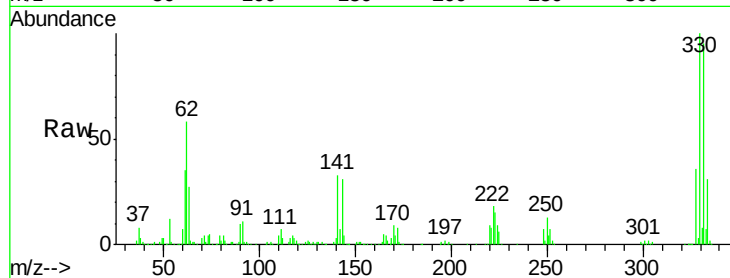




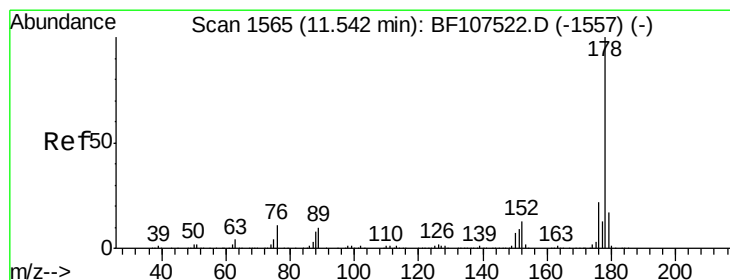
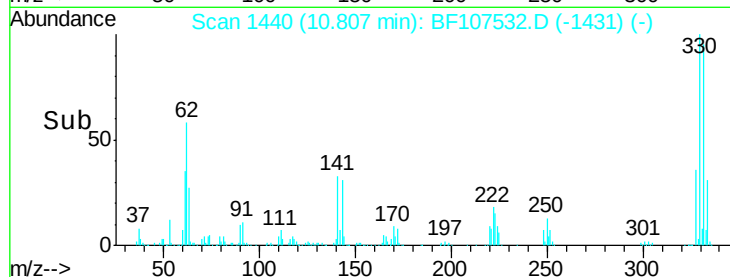
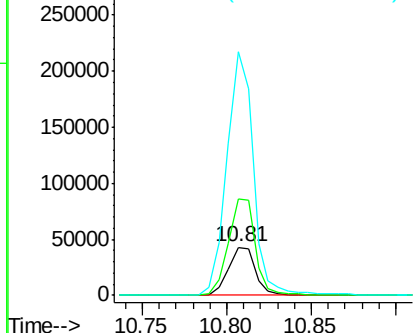
#66
 4-Bromophenyl-phenylether
 Concen: 3.474 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. -0.25 min
 Lab File: BF107532.D
 Acq: 20 Jul 2018 19:12

Instrument :
 BNA_F
 ClientSampleId :
 PB111265BL

Tgt Ion: 248 Resp: 47596
 Ion Ratio Lower Upper
 248 100
 250 200.9 76.9 115.3#
 141 506.4 74.4 111.6#

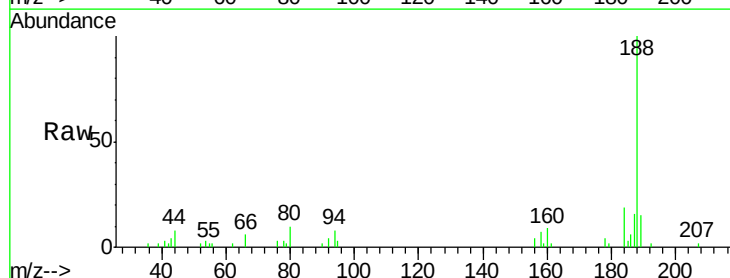


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

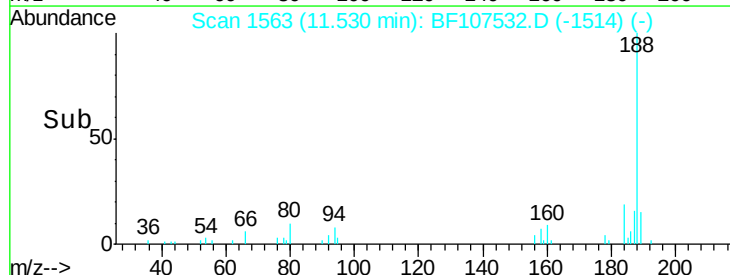
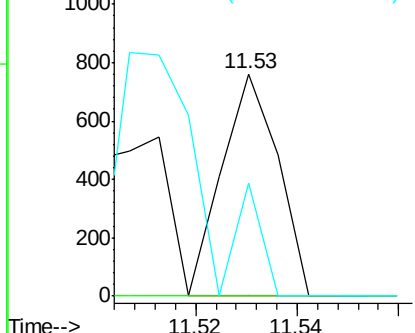


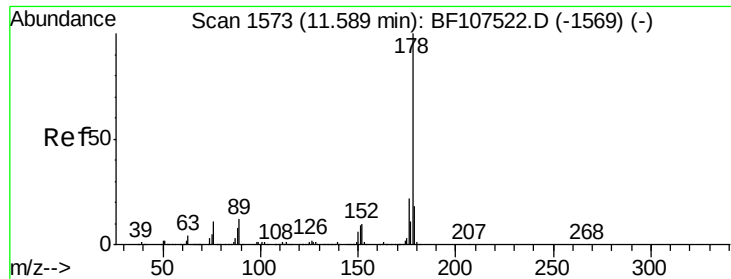
#70
 Phenanthrene
 Concen: 0.010 ng
 RT: 11.53 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: BF107532.D
 Acq: 20 Jul 2018 19:12

Tgt Ion: 178 Resp: 585
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.8 23.8#
 179 50.9 13.0 19.6#



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

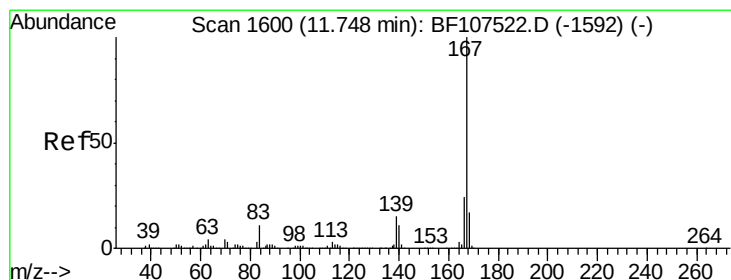
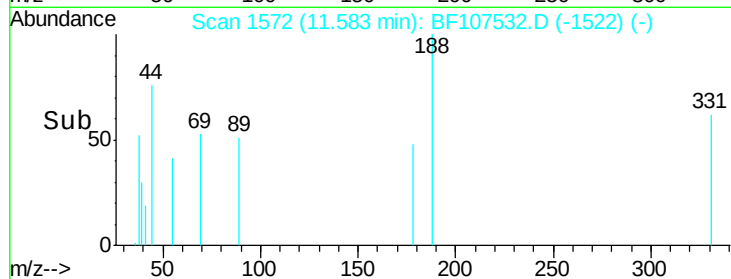
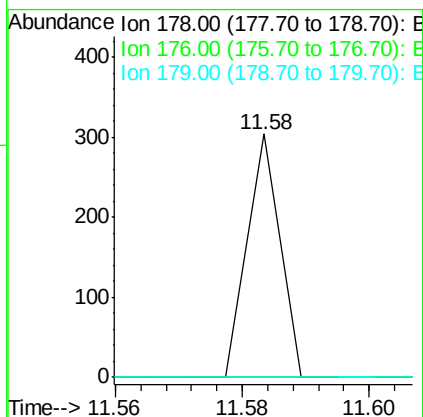
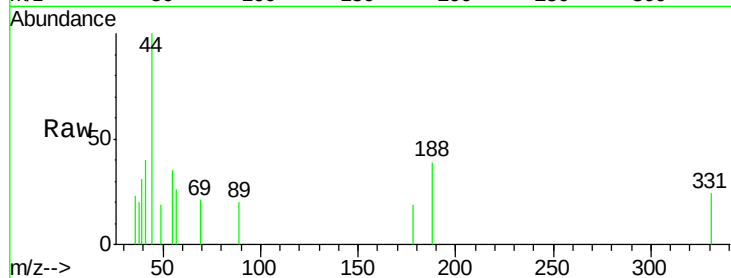




#71
 Anthracene
 Concen: 0.002 ng
 RT: 11.58 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF107532.D
 Acq: 20 Jul 2018 19:12

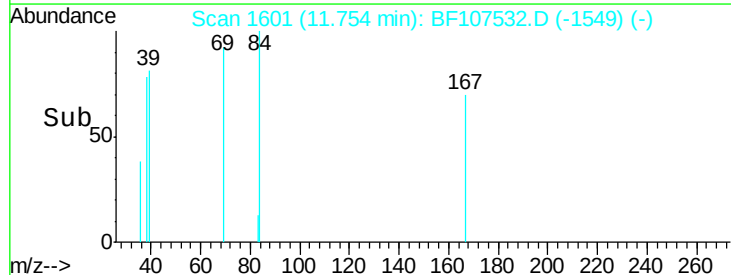
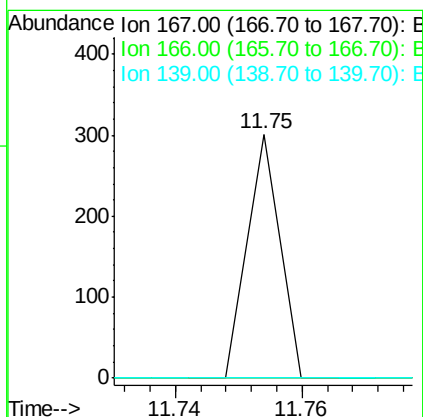
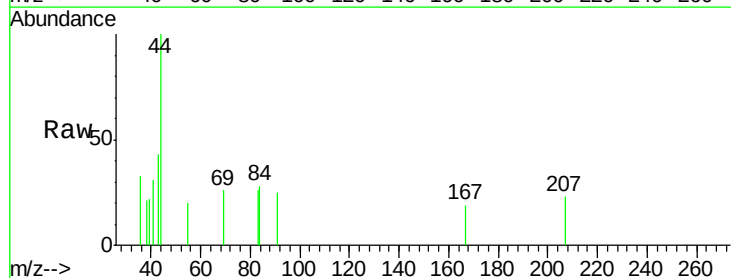
Instrument :
 BNA_F
 ClientSampleId :
 PB111265BL

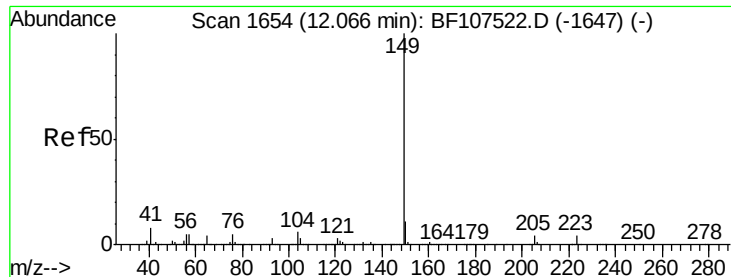
Tgt Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.4	23.2#
179	0.0	12.6	19.0#



#72
 Carbazole
 Concen: 0.002 ng
 RT: 11.75 min Scan# 1601
 Delta R.T. 0.01 min
 Lab File: BF107532.D
 Acq: 20 Jul 2018 19:12

Tgt Ion	Ratio	Lower	Upper
167	100		
166	0.0	17.6	26.4#
139	0.0	10.9	16.3#





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 12.05 min Scan# 1652

Delta R.T. -0.01 min

Lab File: BF107532.D

Acq: 20 Jul 2018 19:12

Instrument :

BNA_F

ClientSampleId :

PB111265BL

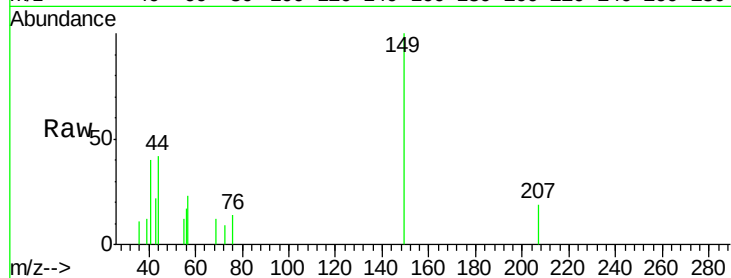
Tgt Ion:149 Resp: 3607

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.6#

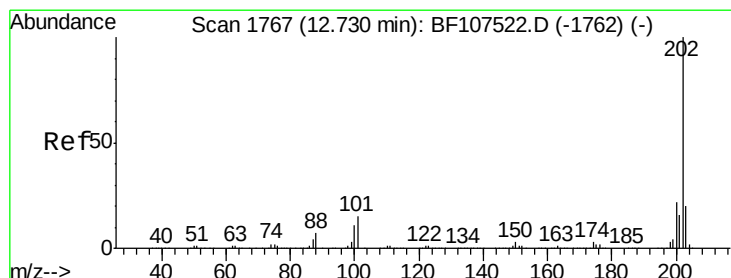
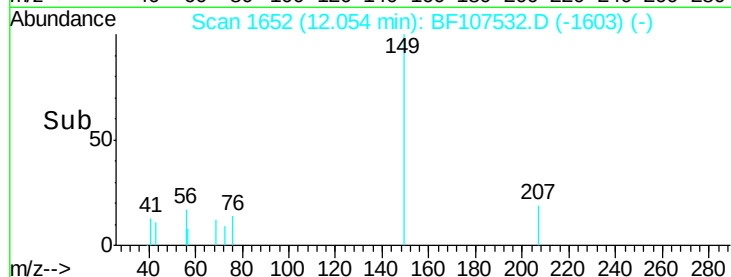
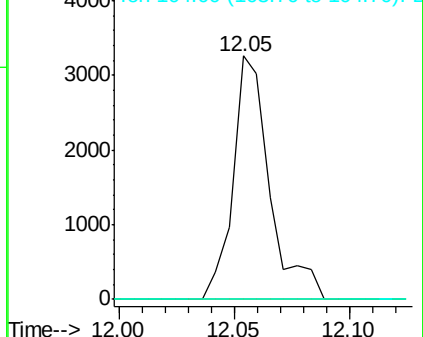
104 0.0 3.8 5.8#



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



#74

Fluoranthene

Concen: 0.002 ng

RT: 12.73 min Scan# 1767

Delta R.T. 0.00 min

Lab File: BF107532.D

Acq: 20 Jul 2018 19:12

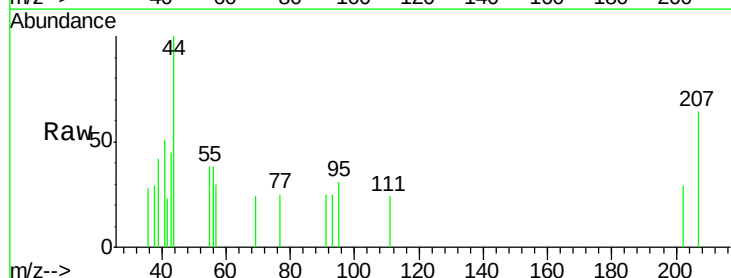
Tgt Ion:202 Resp: 131

Ion Ratio Lower Upper

202 100

101 0.0 0.0 34.1

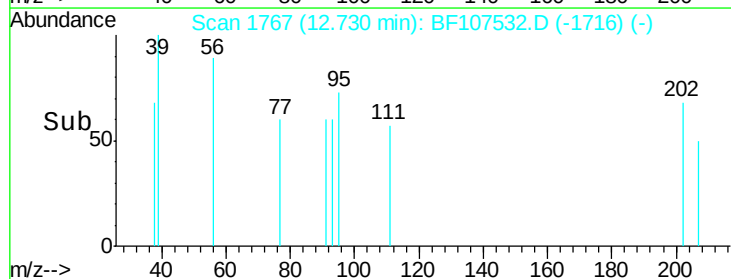
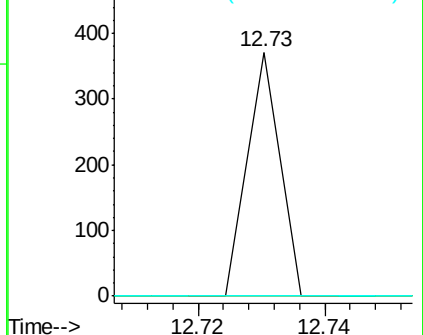
203 0.0 0.0 38.1

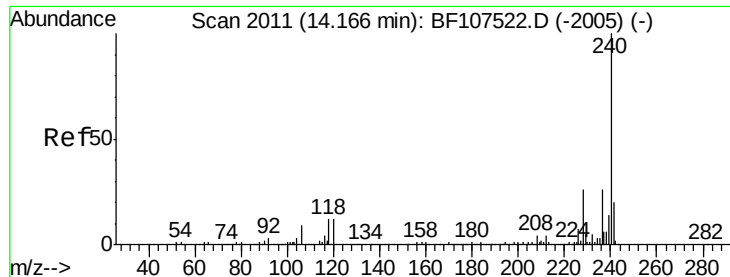


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF107532.D

Acq: 20 Jul 2018 19:12

Instrument :

BNA_F

ClientSampleId :

PB111265BL

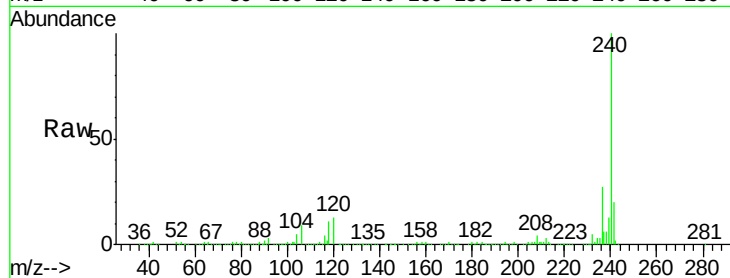
Tgt Ion:240 Resp: 952450

Ion Ratio Lower Upper

240 100

120 13.0 9.5 14.3

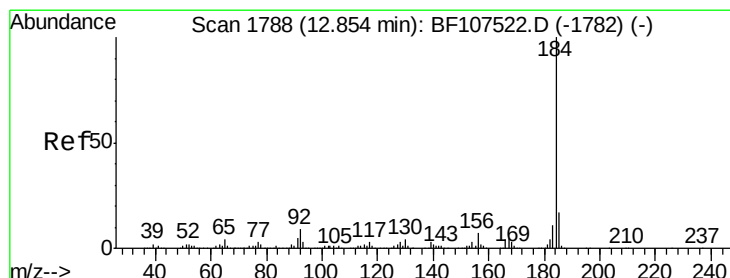
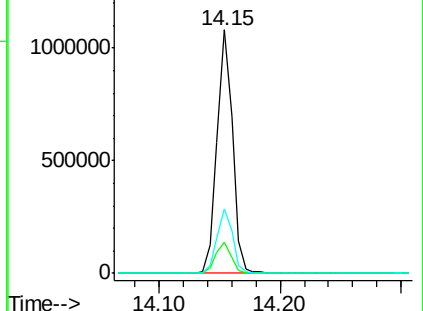
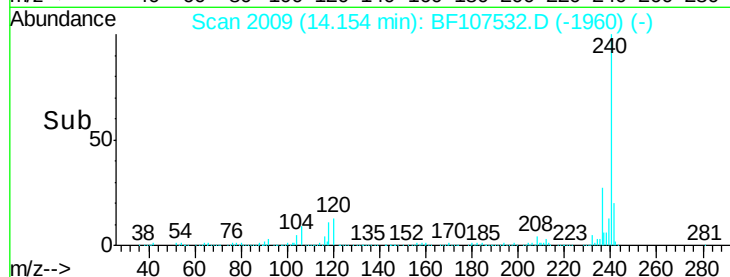
236 26.6 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 0.073 ng

RT: 12.85 min Scan# 1788

Delta R.T. 0.00 min

Lab File: BF107532.D

Acq: 20 Jul 2018 19:12

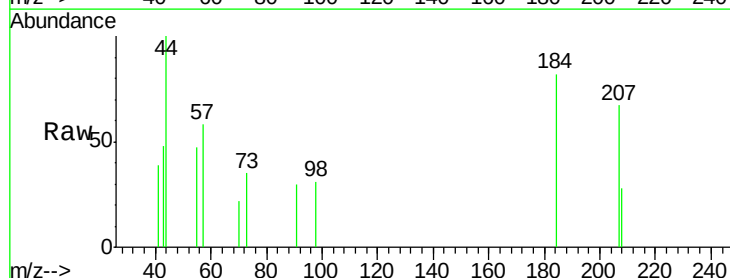
Tgt Ion:184 Resp: 2002

Ion Ratio Lower Upper

184 100

185 0.0 12.6 18.8#

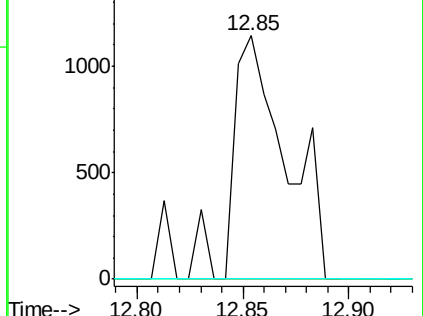
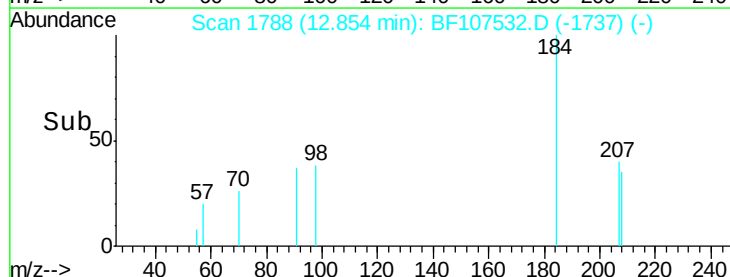
183 0.0 9.3 13.9#

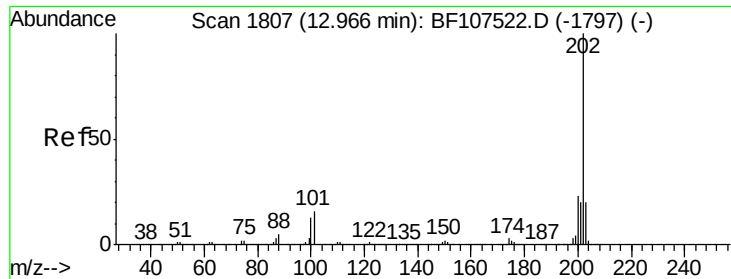


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

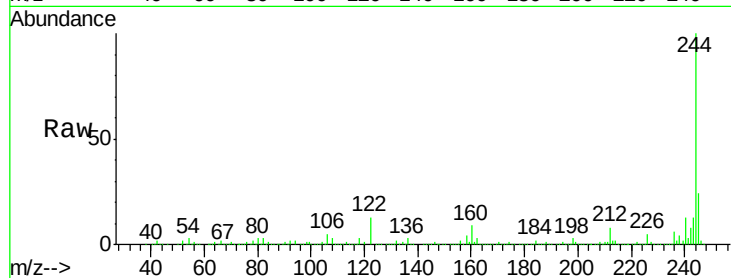




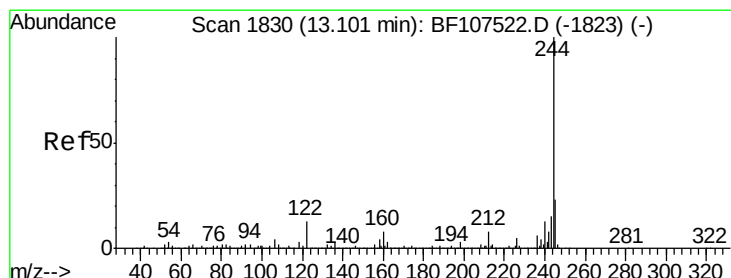
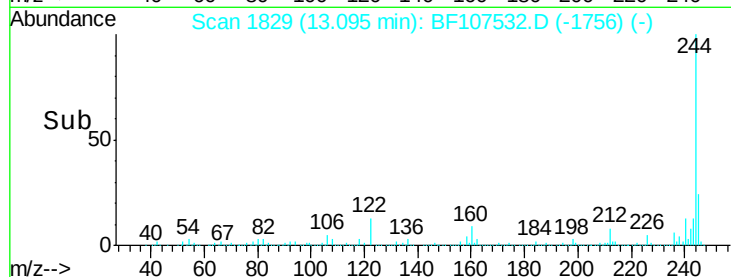
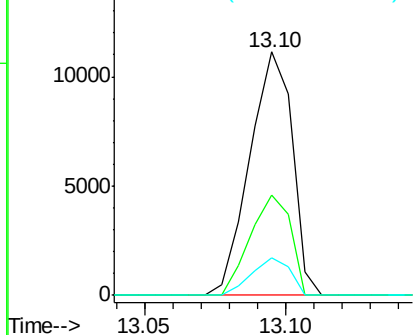
#77
 Pyrene
 Concen: 0.178 ng
 RT: 13.10 min Scan# 1829
 Delta R.T. 0.13 min
 Lab File: BF107532.D
 Acq: 20 Jul 2018 19:12

Instrument :
 BNA_F
 ClientSampleId :
 PB111265BL

Tgt Ion: 202 Resp: 11618
 Ion Ratio Lower Upper
 202 100
 200 41.3 17.4 26.2#
 203 15.6 14.3 21.5

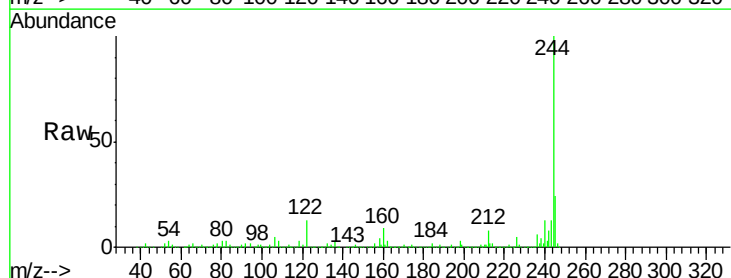


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

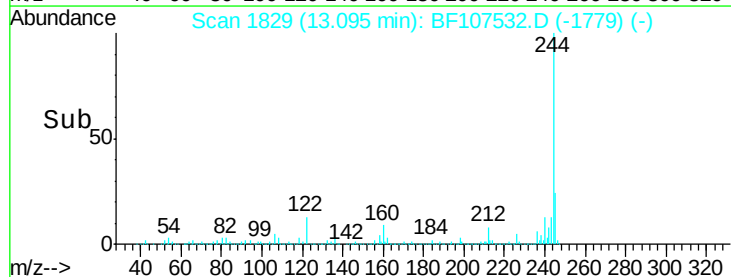
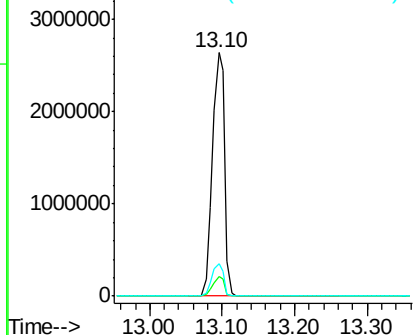


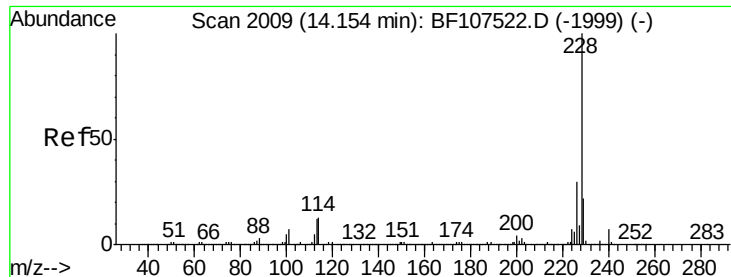
#78
 Terphenyl-d14
 Concen: 82.715 ng
 RT: 13.10 min Scan# 1829
 Delta R.T. -0.00 min
 Lab File: BF107532.D
 Acq: 20 Jul 2018 19:12

Tgt Ion: 244 Resp: 3077295
 Ion Ratio Lower Upper
 244 100
 212 8.3 5.4 8.0#
 122 13.5 11.0 16.4



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

Benzo(a)anthracene

Concen: 0.050 ng

RT: 14.15 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BF107532.D

Acq: 20 Jul 2018 19:12

Instrument :

BNA_F

ClientSampleId :

PB111265BL

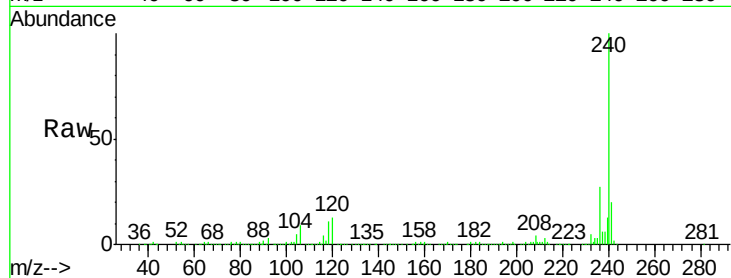
Tgt Ion:228 Resp: 2803

Ion Ratio Lower Upper

228 100

226 0.0 22.6 33.8#

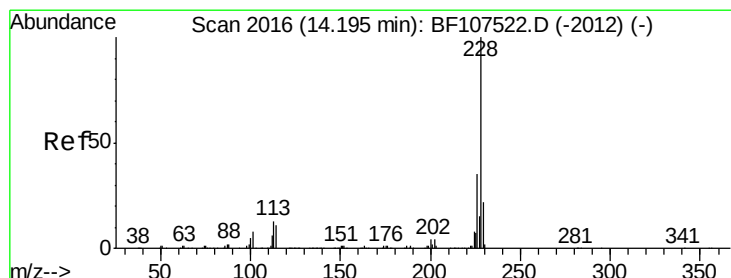
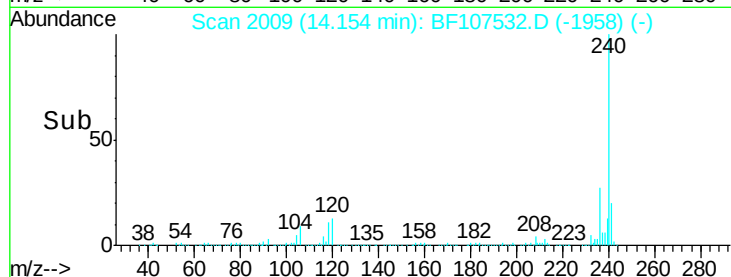
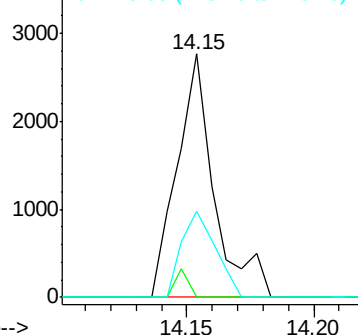
229 35.2 15.8 23.6#



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

Chrysene

Concen: 0.052 ng

RT: 14.15 min Scan# 2009

Delta R.T. -0.04 min

Lab File: BF107532.D

Acq: 20 Jul 2018 19:12

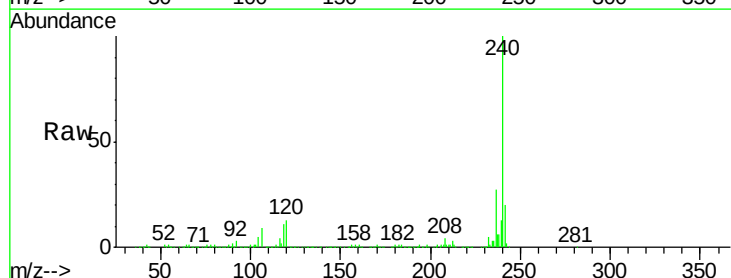
Tgt Ion:228 Resp: 2803

Ion Ratio Lower Upper

228 100

226 0.0 25.0 37.6#

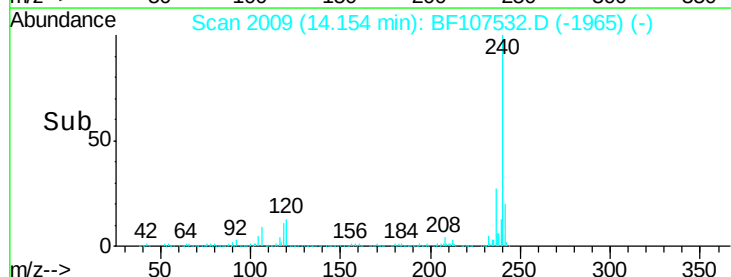
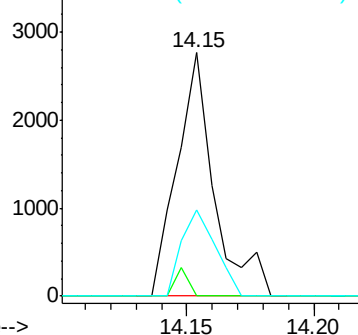
229 35.2 16.2 24.4#

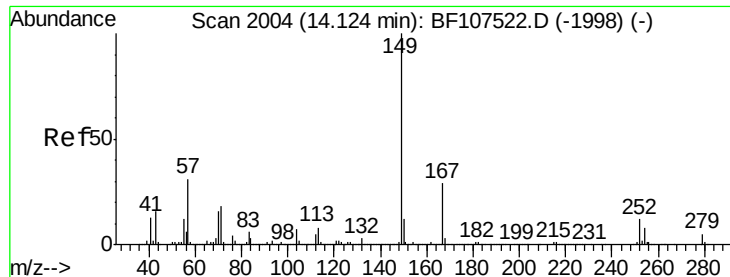


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 0.013 ng

RT: 14.12 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF107532.D

Acq: 20 Jul 2018 19:12

Instrument :

BNA_F

ClientSampleId :

PB111265BL

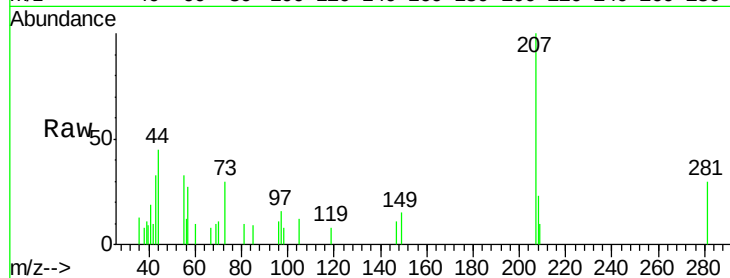
Tgt Ion:149 Resp: 516

Ion Ratio Lower Upper

149 100

167 0.0 21.3 31.9#

279 0.0 3.0 4.4#

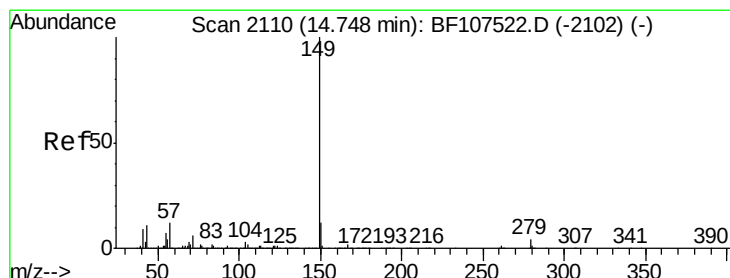
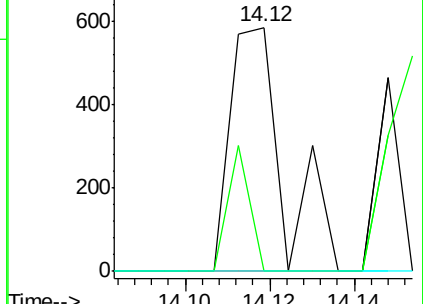
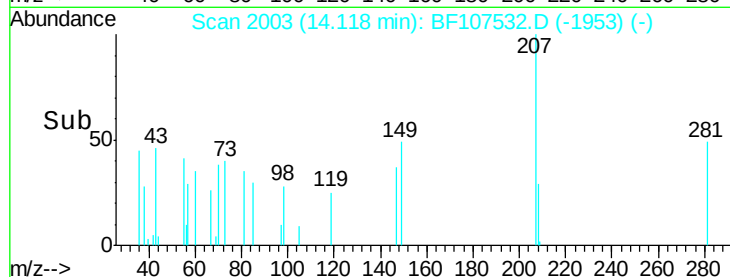


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

Time-->



#84

Di-n-octyl phthalate

Concen: 0.018 ng

RT: 14.74 min Scan# 2108

Delta R.T. -0.01 min

Lab File: BF107532.D

Acq: 20 Jul 2018 19:12

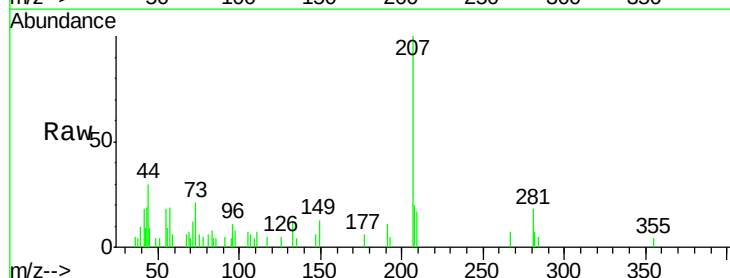
Tgt Ion:149 Resp: 1084

Ion Ratio Lower Upper

149 100

167 10.8 1.2 1.8#

43 34.9 8.4 12.6#

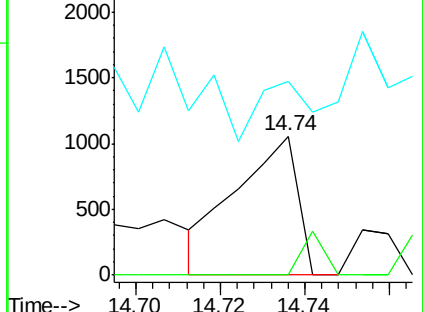
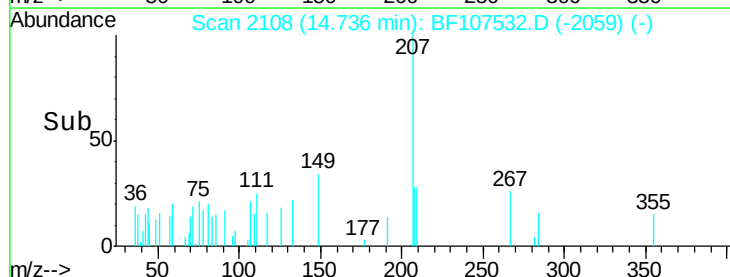


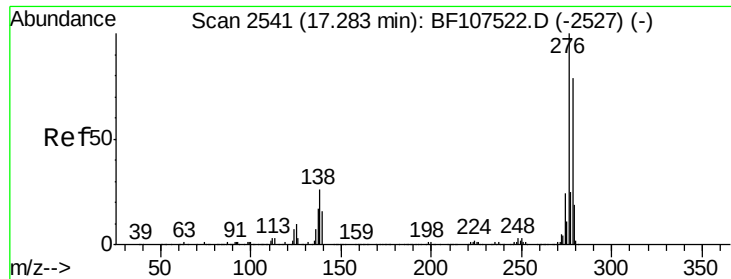
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

Time-->





#85

Indeno(1,2,3-cd)pyrene

Concen: 0.006 ng

RT: 17.27 min Scan# 2538

Delta R.T. -0.02 min

Lab File: BF107532.D

Acq: 20 Jul 2018 19:12

Instrument :

BNA_F

ClientSampleId :

PB111265BL

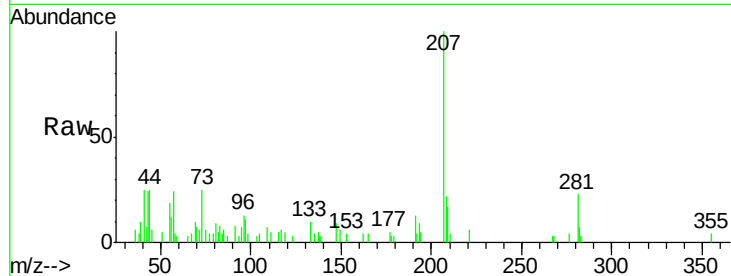
Tgt Ion:276 Resp: 264

Ion Ratio Lower Upper

276 100

138 44.3 25.0 37.6#

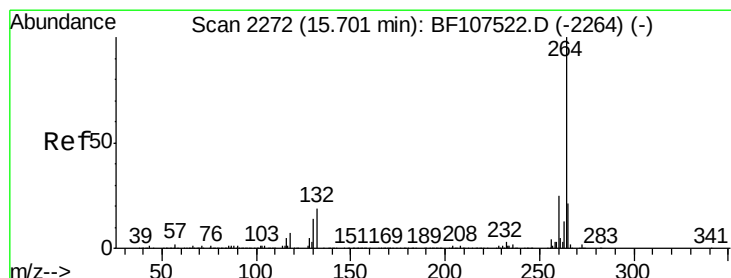
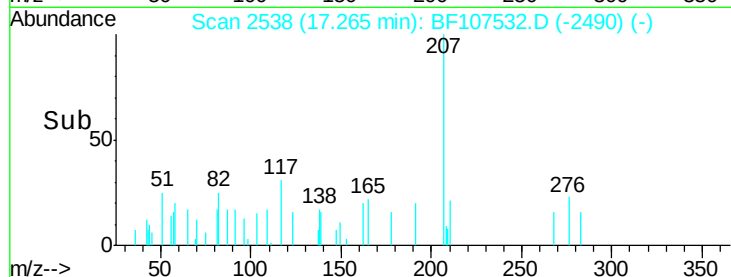
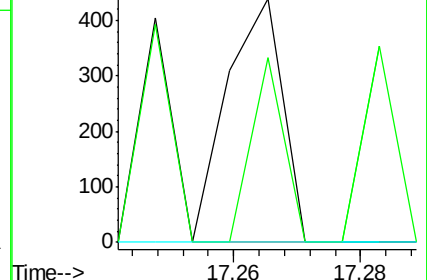
277 0.0 20.1 30.1#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2270

Delta R.T. -0.01 min

Lab File: BF107532.D

Acq: 20 Jul 2018 19:12

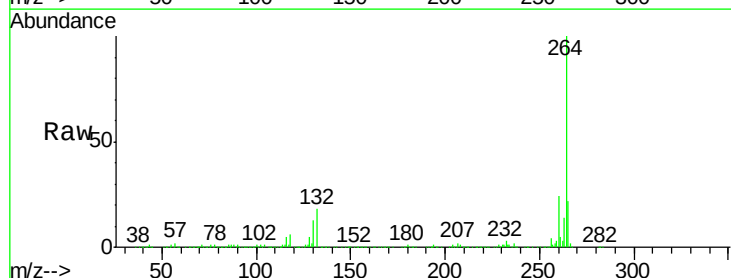
Tgt Ion:264 Resp: 778683

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

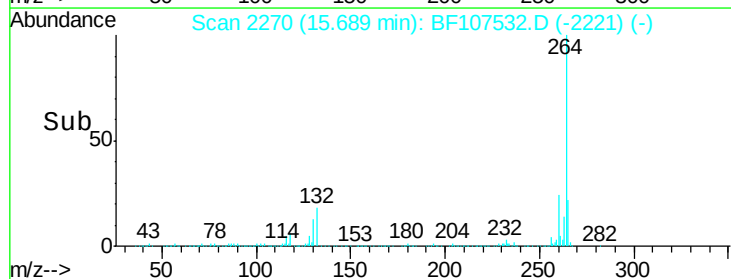
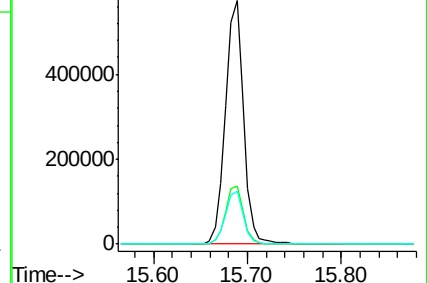
265 21.9 17.5 26.3

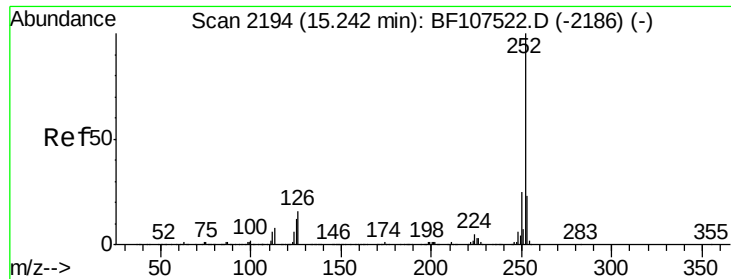


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 0.010 ng

RT: 15.22 min Scan# 2191

Delta R.T. -0.02 min

Lab File: BF107532.D

Acq: 20 Jul 2018 19:12

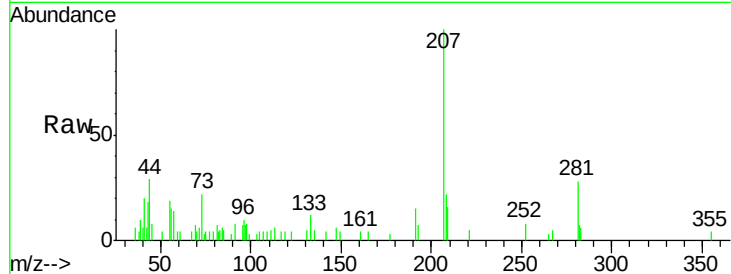
Instrument :

BNA_F

ClientSampleId :

PB111265BL

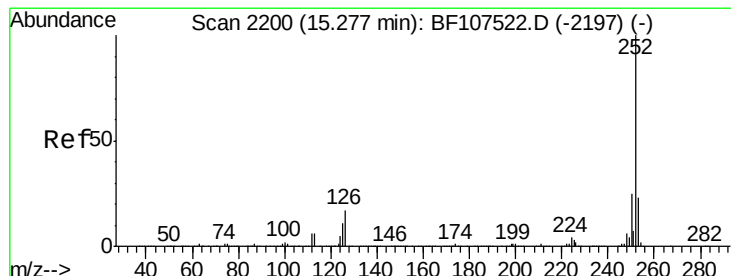
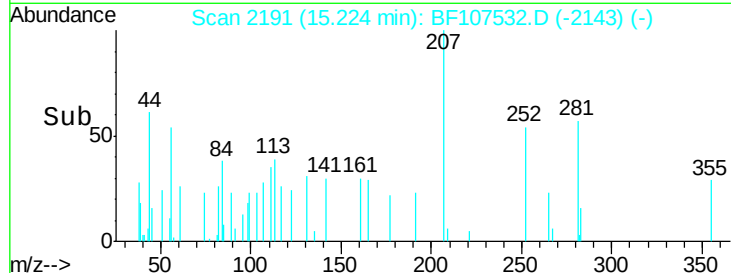
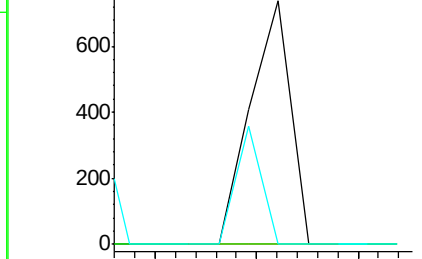
Tgt Ion:	252	Resp:	405
Ion Ratio	Lower	Upper	
252	100		
253	0.0	17.0	25.6#
125	0.0	9.0	13.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 0.005 ng

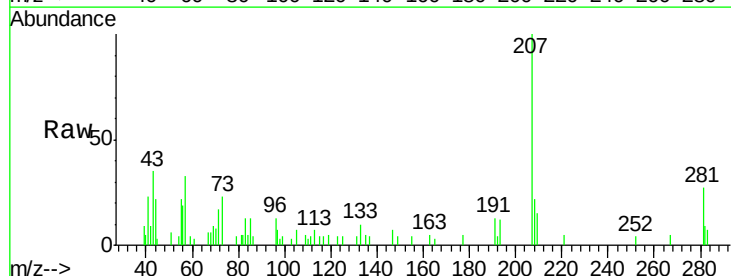
RT: 15.27 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BF107532.D

Acq: 20 Jul 2018 19:12

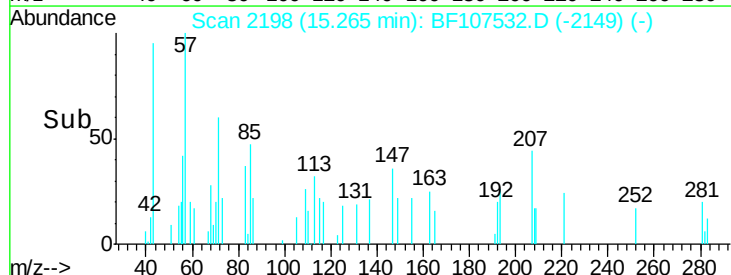
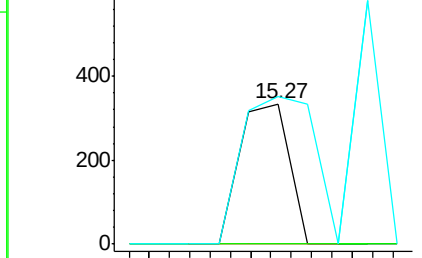
Tgt Ion:	252	Resp:	229
Ion Ratio	Lower	Upper	
252	100		
253	0.0	17.9	26.9#
125	105.7	10.2	15.2#

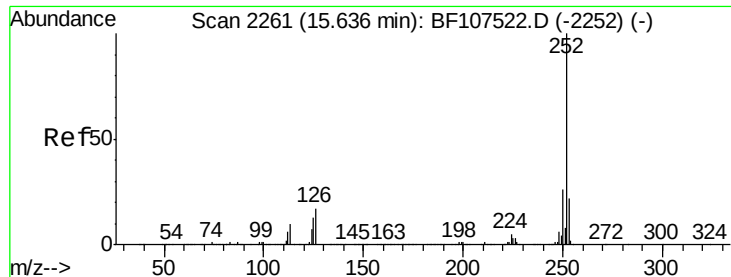


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 0.005 ng

RT: 15.62 min Scan# 2258

Delta R.T. -0.02 min

Lab File: BF107532.D

Acq: 20 Jul 2018 19:12

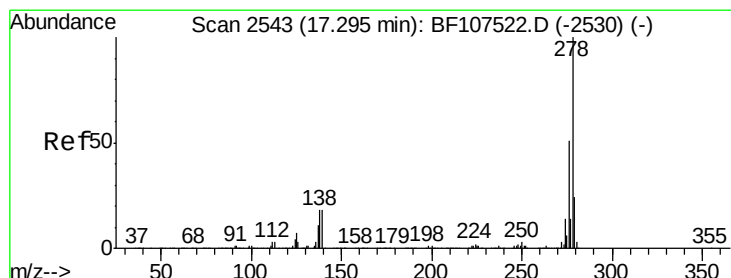
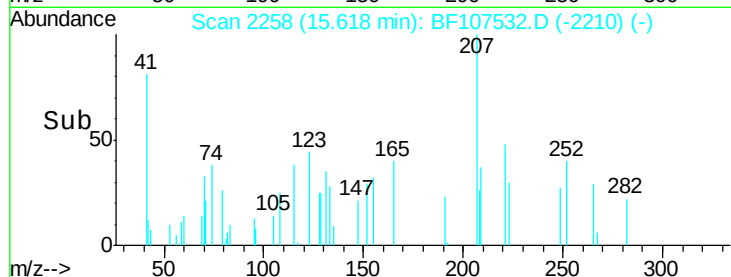
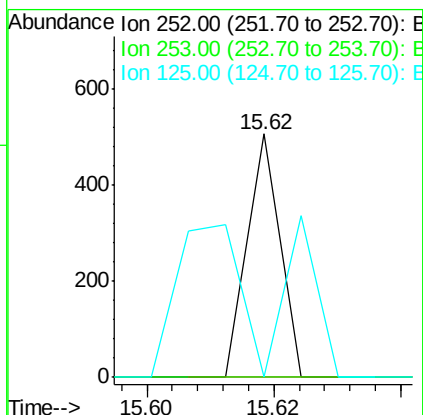
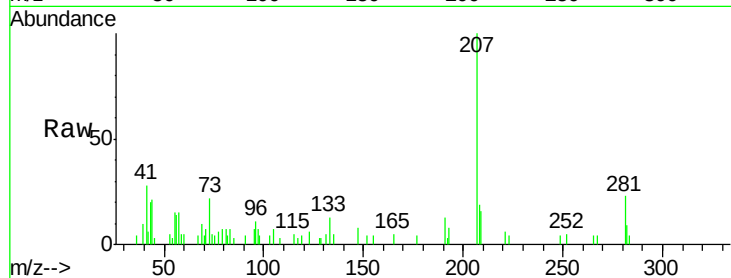
Instrument :

BNA_F

ClientSampleId :

PB111265BL

Tgt Ion:	252	Resp:	179
Ion Ratio	Lower	Upper	
252	100		
253	0.0	17.1	25.7#
125	0.0	9.8	14.6#



#90

Dibenzo(a,h)anthracene

Concen: 0.015 ng

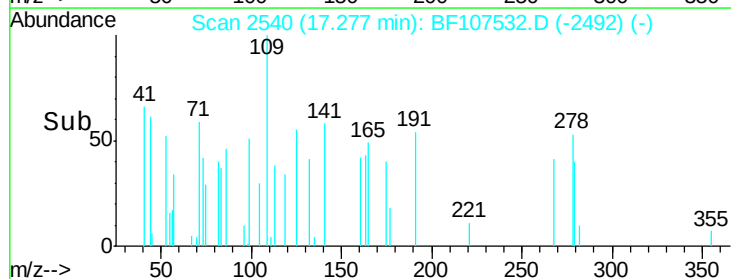
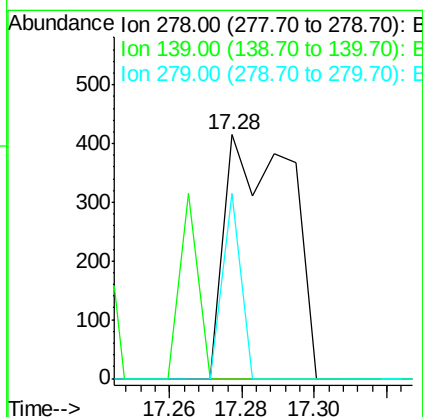
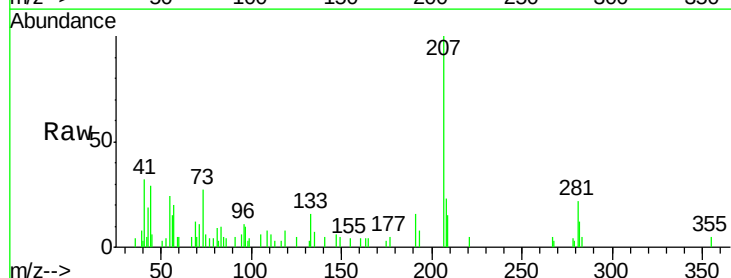
RT: 17.28 min Scan# 2540

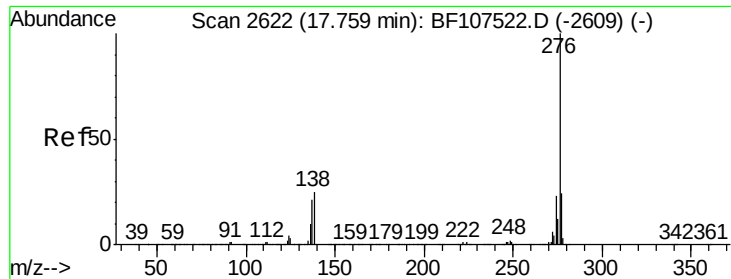
Delta R.T. -0.02 min

Lab File: BF107532.D

Acq: 20 Jul 2018 19:12

Tgt Ion:	278	Resp:	521
Ion Ratio	Lower	Upper	
278	100		
139	0.0	15.9	23.9#
279	75.9	19.0	28.4#





#91

Benzo(g,h,i)perylene

Concen: 0.015 ng

RT: 17.74 min Scan# 2618

Delta R.T. -0.02 min

Lab File: BF107532.D

Acq: 20 Jul 2018 19:12

Instrument :

BNA_F

ClientSampleId :

PB111265BL

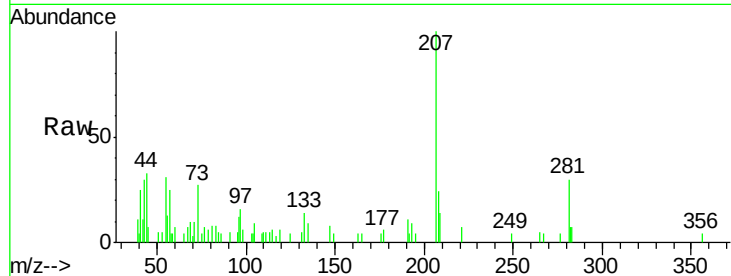
Tgt Ion: 276 Resp: 487

Ion Ratio Lower Upper

276 100

277 0.0 17.9 26.9#

138 0.0 21.8 32.8#



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

