

Data File : BF100431.D
Acq On : 11 Nov 2017 11:00
Operator : SJ/JU
Sample : I6399-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-12

Quant Time: Nov 13 01:04:26 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:44:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	158074	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	604732	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	248345	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	382647	20.00	ng	0.00
75) Chrysene-d12	14.06	240	330655	20.00	ng	0.00
86) Perylene-d12	15.55	264	273973	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	911217	92.40	ng	0.00
7) Phenol-d6	6.53	99	1108981	91.20	ng	0.00
23) Nitrobenzene-d5	7.46	82	696806	76.18	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	209376	82.74	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1078534	66.13	ng	0.00
78) Terphenyl-d14	13.01	244	689006	47.88	ng	0.00

Target Compounds						Qvalue
9) Benzaldehyde	6.67	77	19808	2.28	ng	82
10) Phenol	6.54	94	58887	4.61	ng	97
19) n-Nitroso-di-n-propylamine	7.46	70	92982	11.03	ng	# 84
25) Isophorone	7.46	82	692956	36.05	ng	# 64
32) Benzoic acid	7.94	122	115	9.38	ng	# 1
47) 2-Nitroaniline	9.47	65	128	2.81	ng	# 2
49) Dimethylphthalate	9.65	163	82979	4.38	ng	99
56) 2,4-Dinitrotoluene	9.94	165	33272	7.03	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.36	198	662	8.85	ng	# 74
66) 4-Bromophenyl-phenylether	10.73	248	13433	3.27	ng	# 1
74) Fluoranthene	12.64	202	44209	2.07	ng	98
87) Benzo(b)fluoranthene	15.11	252	40949	2.52	ng	# 50
88) Benzo(k)fluoranthene	15.11	252	40949	2.67	ng	# 54

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

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Operator : SJ/JU

Sample : I6399-06

Misc :

ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

TP-12

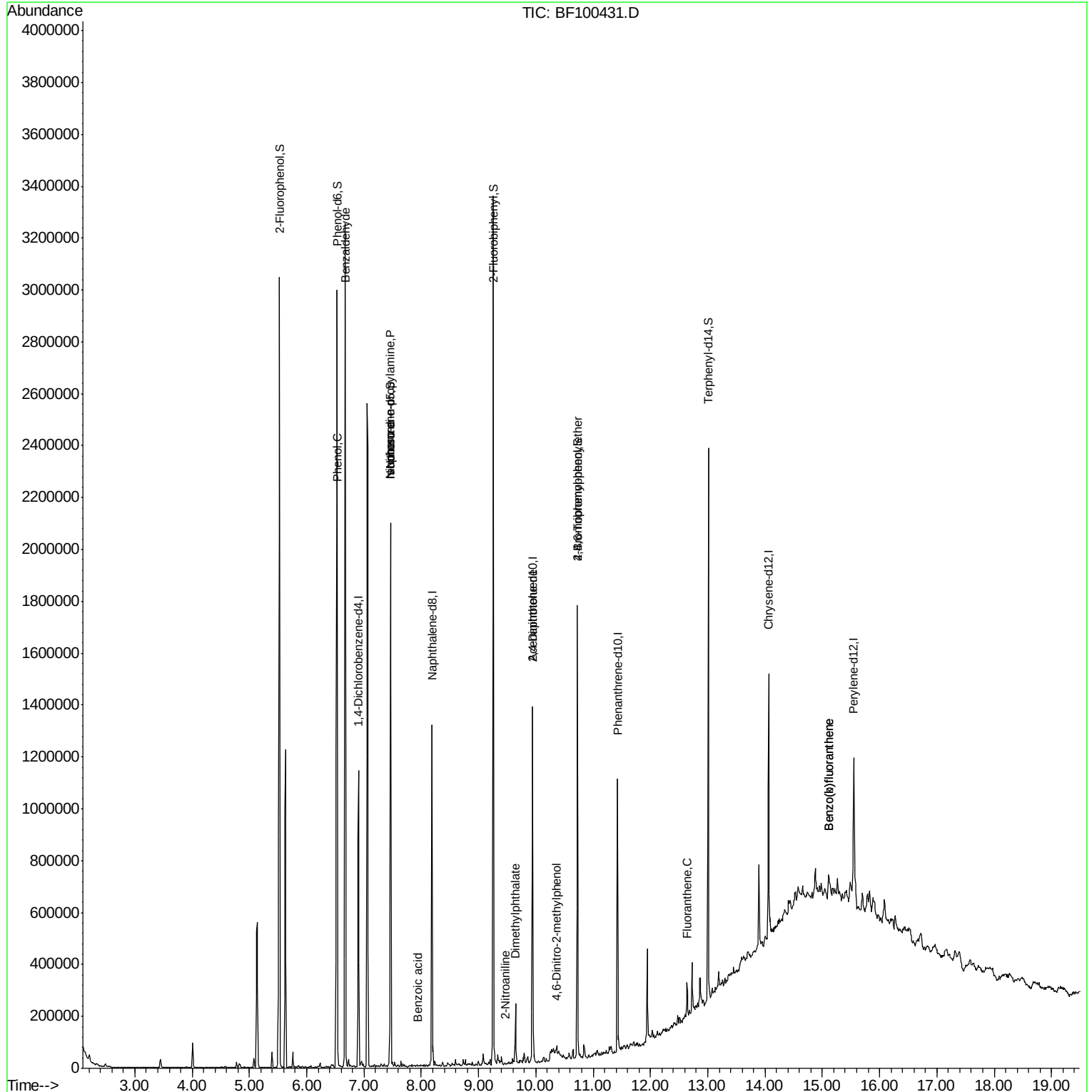
Quant Time: Nov 13 01:04:26 2017

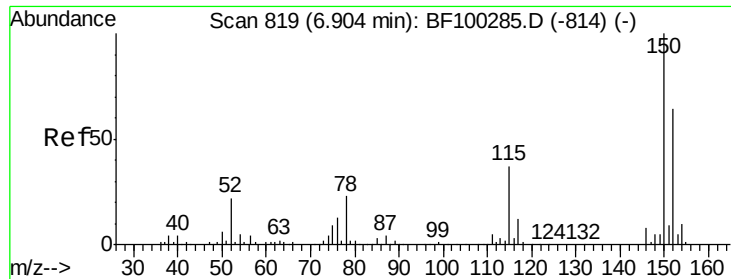
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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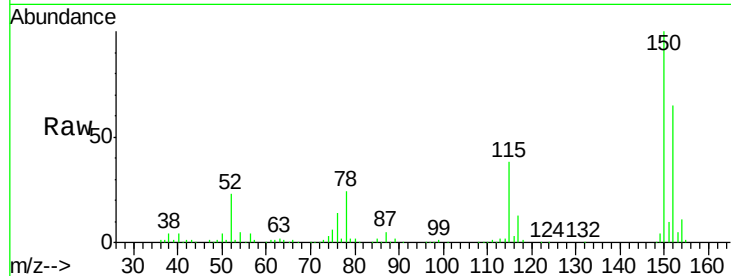


#1

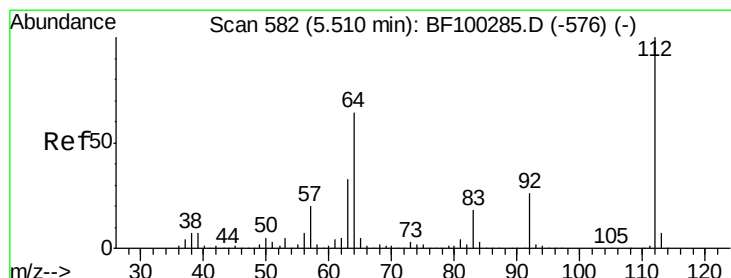
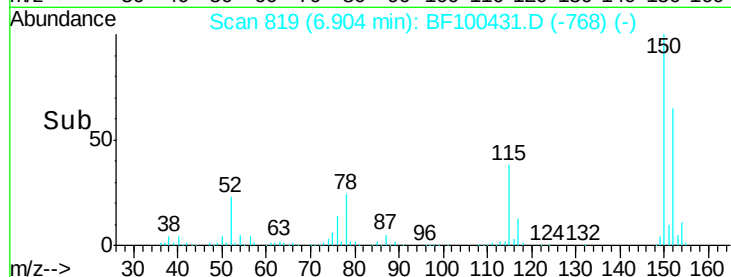
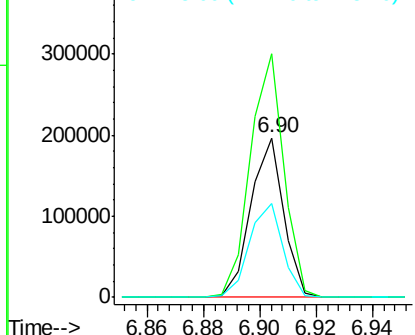
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF100431.D
Acq: 11 Nov 2017 11:00

Instrument :
BNA_F
ClientSampleId :
TP-12

Tgt Ion:152 Resp: 158074
Ion Ratio Lower Upper
152 100
150 153.0 124.6 186.8
115 58.6 50.1 75.1



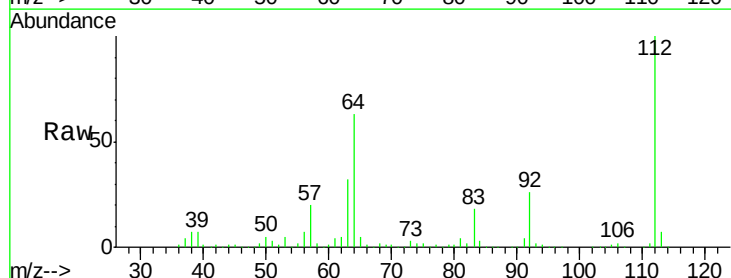
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



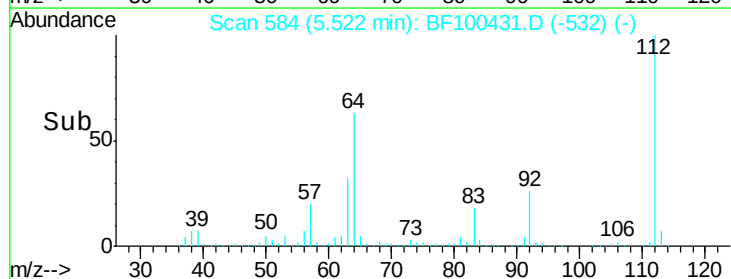
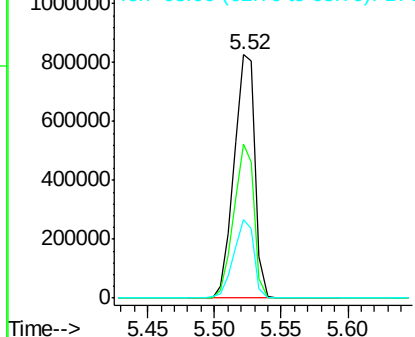
#5

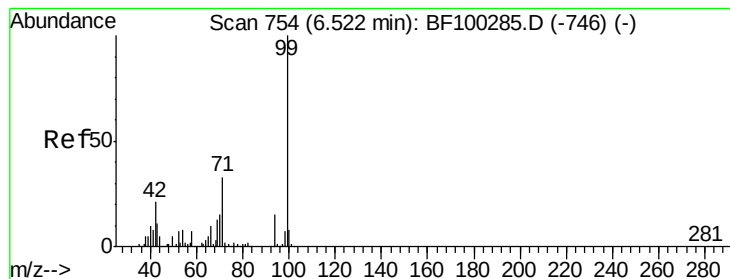
2-Fluorophenol
Concen: 92.40 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF100431.D
Acq: 11 Nov 2017 11:00

Tgt Ion:112 Resp: 911217
Ion Ratio Lower Upper
112 100
64 63.2 47.9 71.9
63 32.4 23.7 35.5



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





#7

Phenol-d6

Concen: 91.20 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF100431.D

Acq: 11 Nov 2017 11:00

Instrument :

BNA_F

ClientSampled :

TP-12

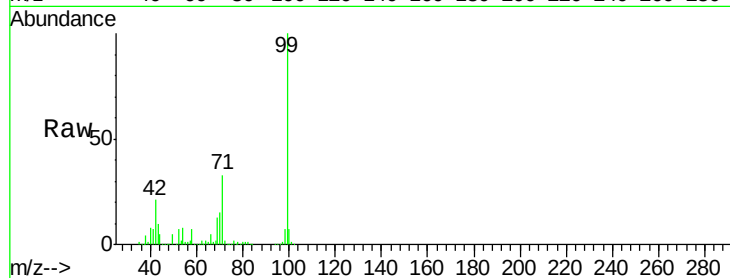
Tgt Ion: 99 Resp: 1108981

Ion Ratio Lower Upper

99 100

42 20.7 14.5 21.7

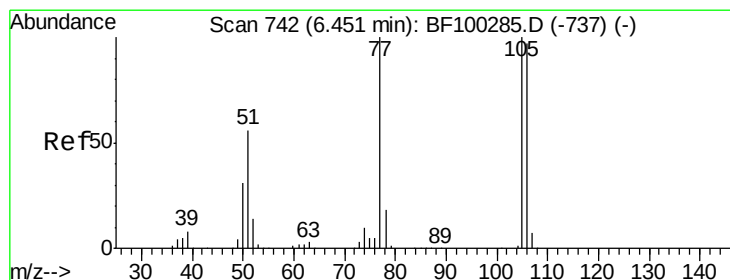
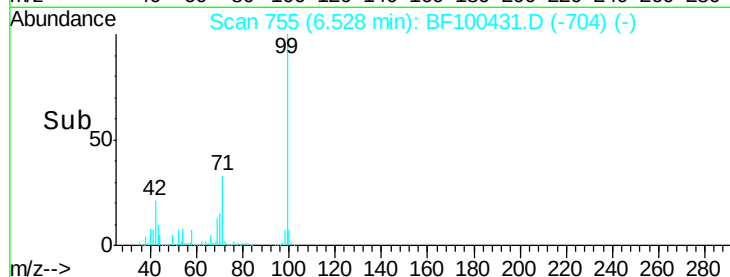
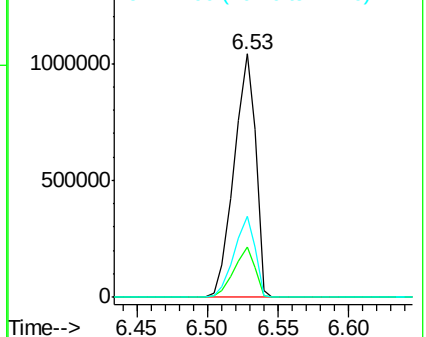
71 33.1 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.28 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.22 min

Lab File: BF100431.D

Acq: 11 Nov 2017 11:00

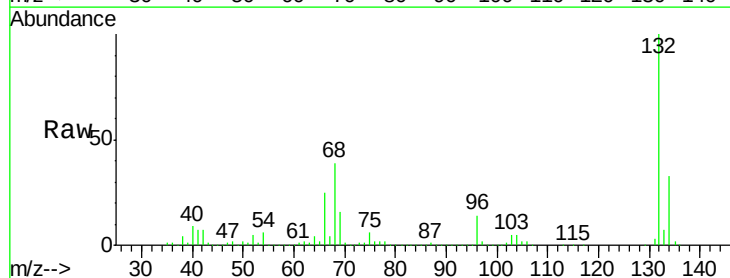
Tgt Ion: 77 Resp: 19808

Ion Ratio Lower Upper

77 100

105 84.1 81.1 121.1

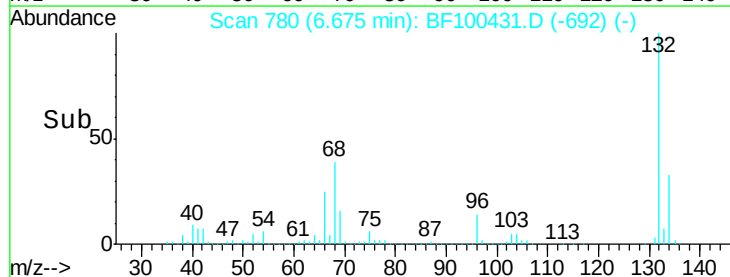
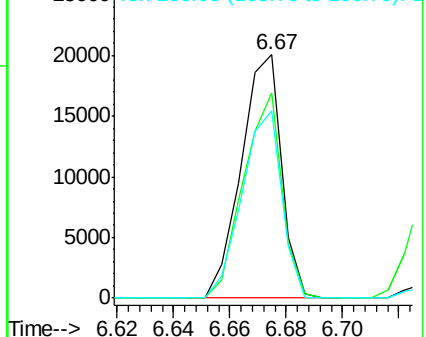
106 76.8 74.5 114.5

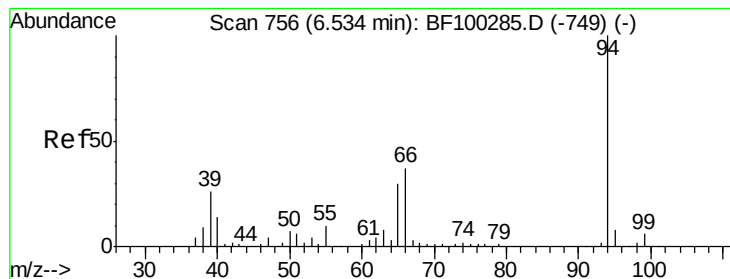


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 4.61 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF100431.D

Acq: 11 Nov 2017 11:00

Instrument :

BNA_F

ClientSampleId :

TP-12

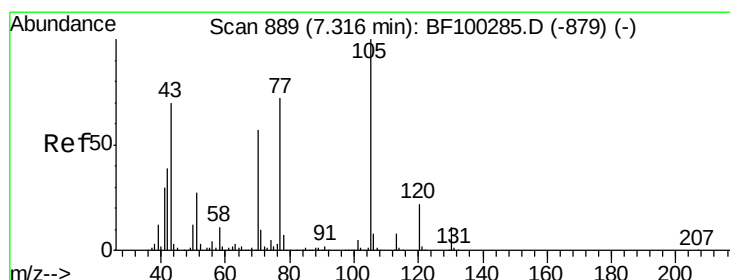
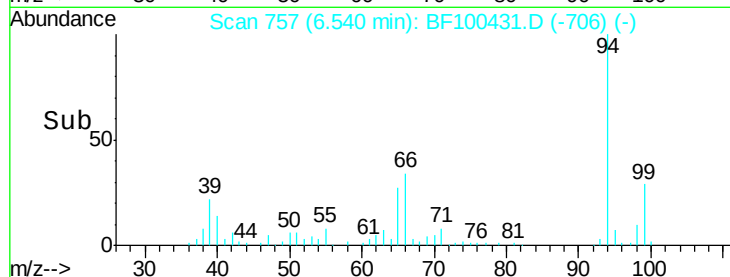
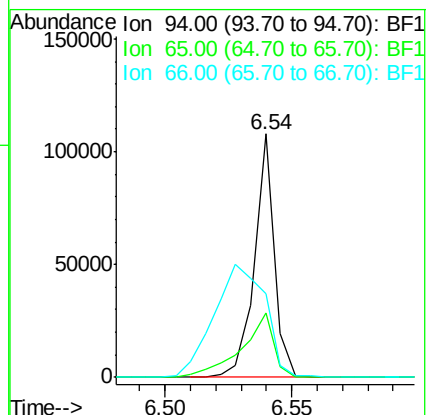
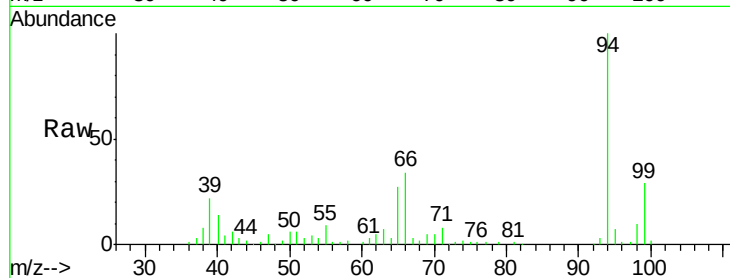
Tgt Ion: 94 Resp: 58887

Ion Ratio Lower Upper

94 100

65 26.6 7.9 47.9

66 34.4 16.2 56.2



#19

n-Nitroso-di-n-propylamine

Concen: 11.03 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.15 min

Lab File: BF100431.D

Acq: 11 Nov 2017 11:00

Tgt Ion: 70 Resp: 92982

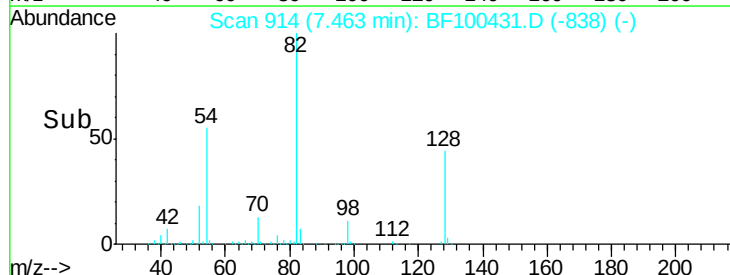
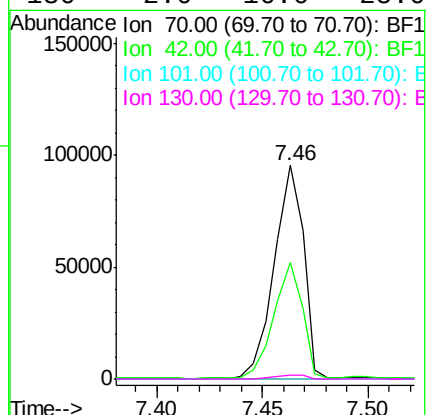
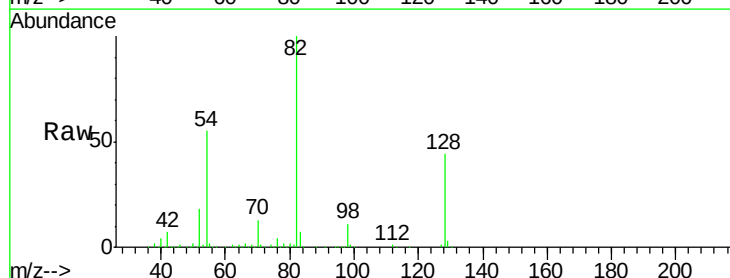
Ion Ratio Lower Upper

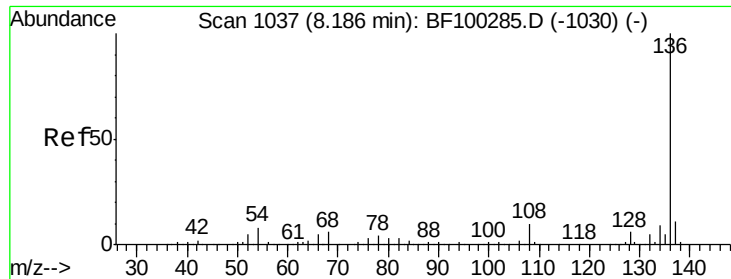
70 100

42 54.3 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

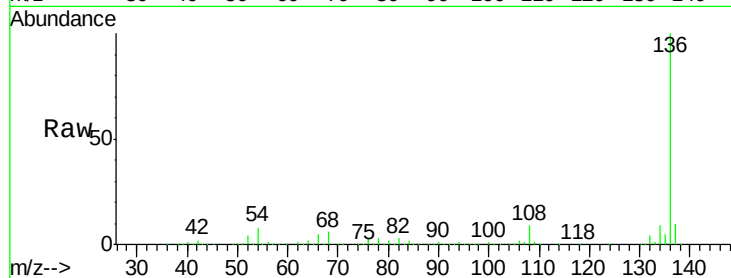




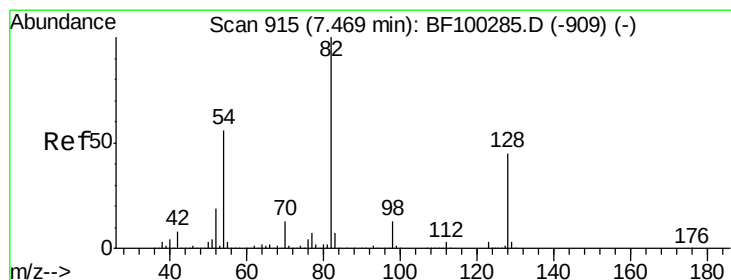
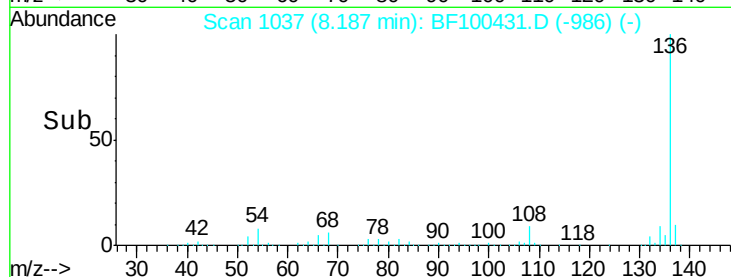
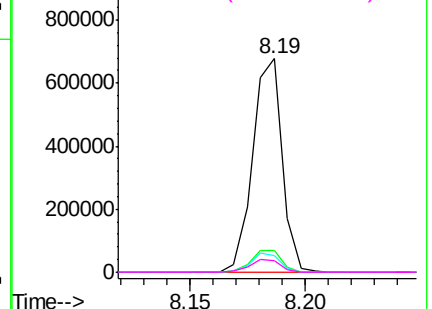
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF100431.D
Acq: 11 Nov 2017 11:00

Instrument :
BNA_F
ClientSampleId :
TP-12

Tgt Ion:	136	Resp:	604732
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	7.8	6.6	9.8
68	5.6	5.0	7.4

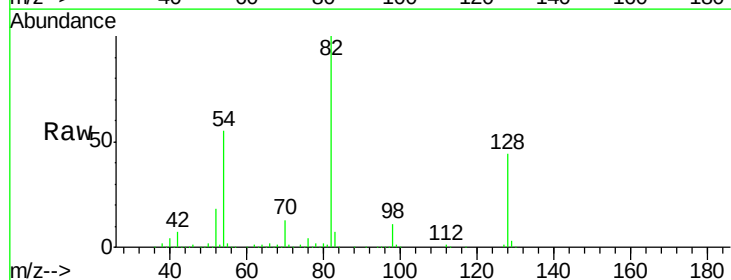


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

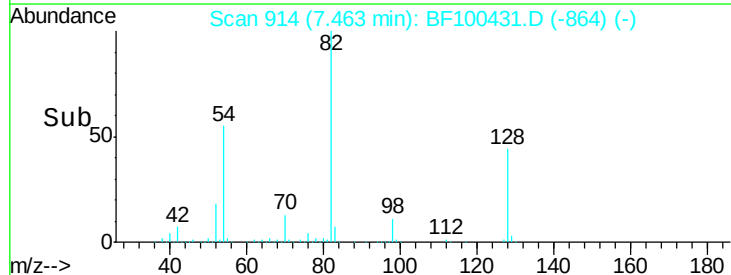
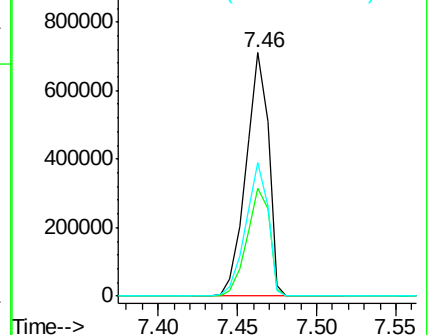


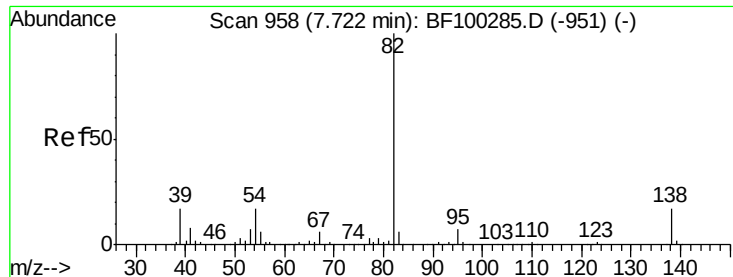
#23
Nitrobenzene-d5
Concen: 76.18 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF100431.D
Acq: 11 Nov 2017 11:00

Tgt Ion:	82	Resp:	696806
Ion	Ratio	Lower	Upper
82	100		
128	44.1	36.1	54.1
54	54.6	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





#25

Isophorone

Concen: 36.05 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.26 min

Lab File: BF100431.D

Acq: 11 Nov 2017 11:00

Instrument :

BNA_F

ClientSampleId :

TP-12

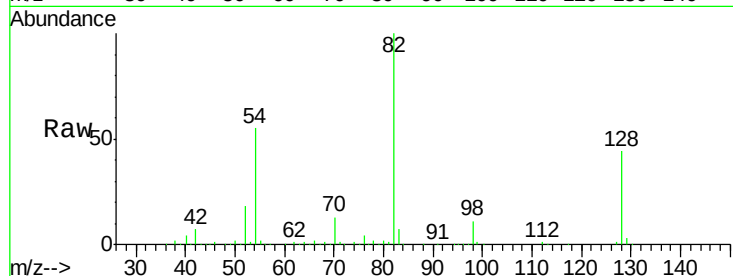
Tgt Ion: 82 Resp: 692956

Ion Ratio Lower Upper

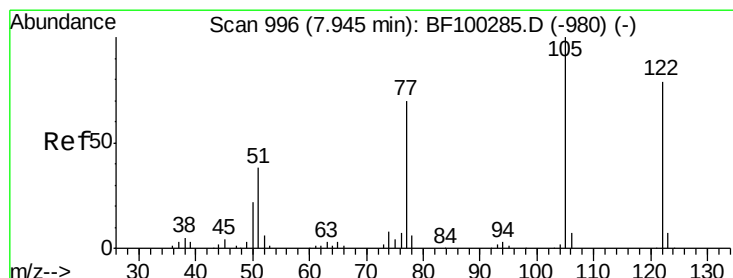
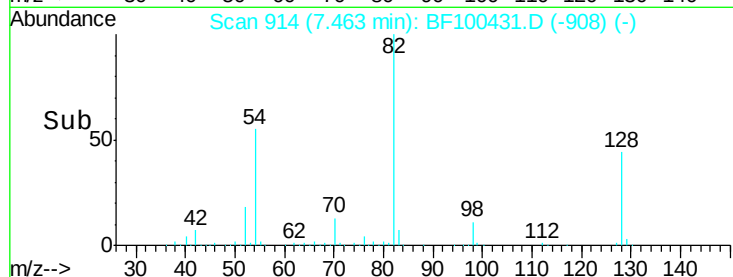
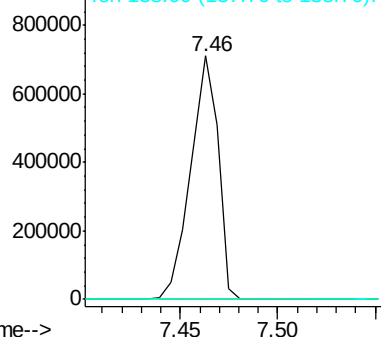
82 100

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



#32

Benzoic acid

Concen: 9.38 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF100431.D

Acq: 11 Nov 2017 11:00

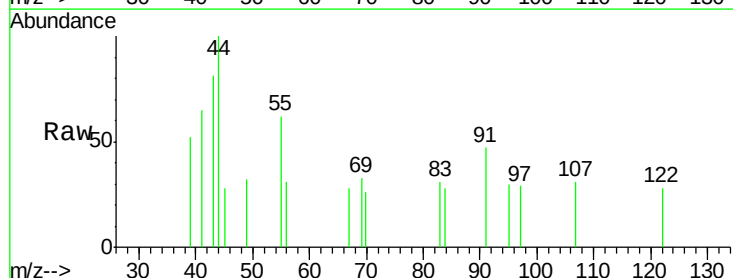
Tgt Ion: 122 Resp: 115

Ion Ratio Lower Upper

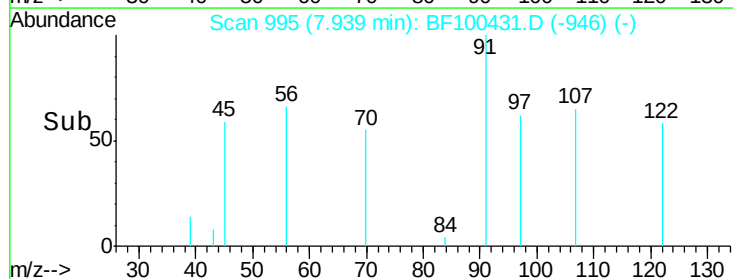
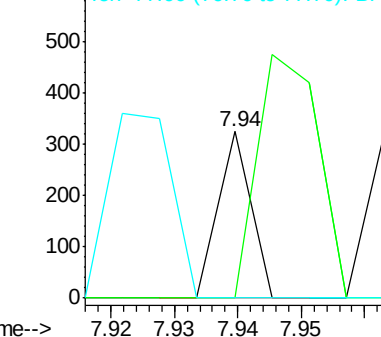
122 100

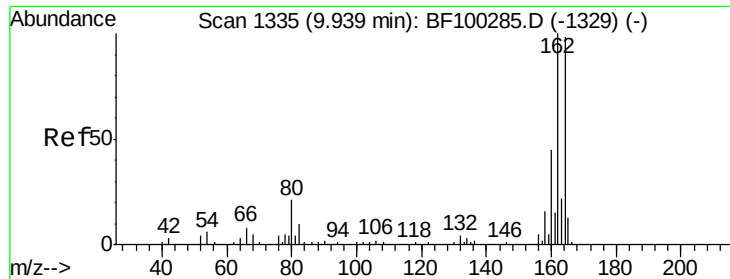
105 0.0 101.1 141.1#

77 0.0 70.7 110.7#



Abundance Ion 122.00 (121.70 to 122.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

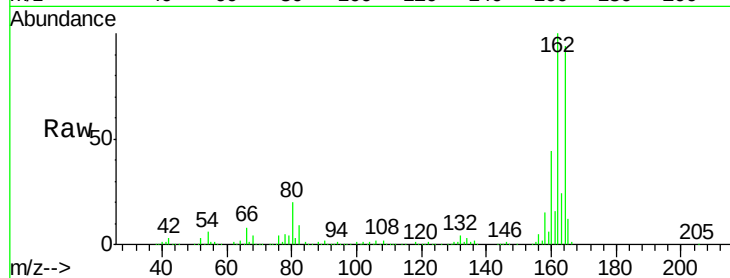




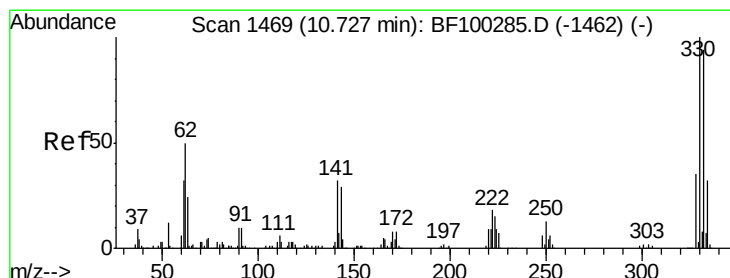
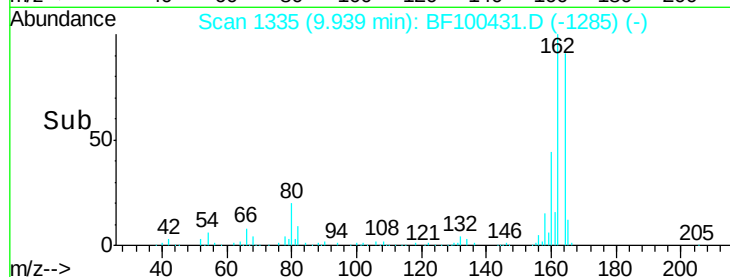
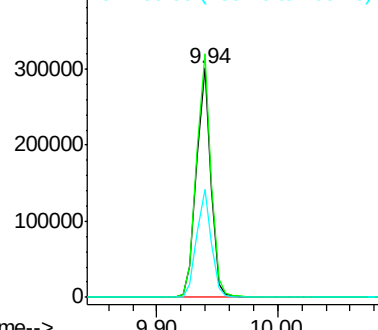
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF100431.D
Acq: 11 Nov 2017 11:00

Instrument :
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ClientSampleId :
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Tgt Ion:164 Resp: 248345
Ion Ratio Lower Upper
164 100
162 106.2 86.1 129.1
160 46.8 38.3 57.5

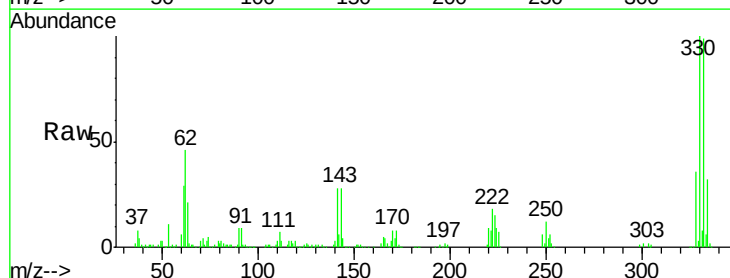


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

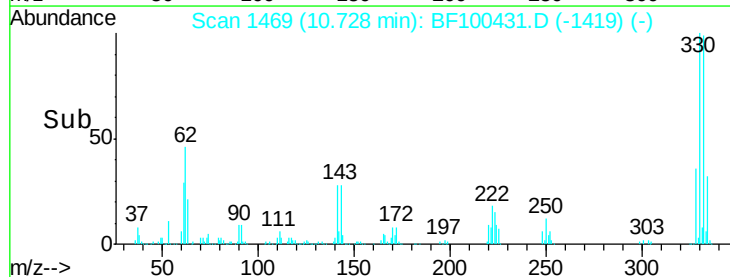
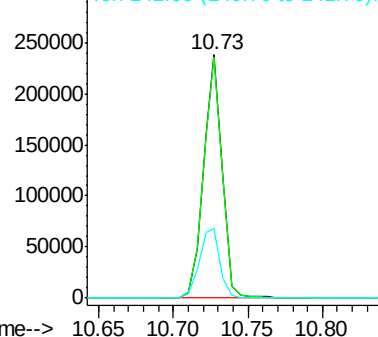


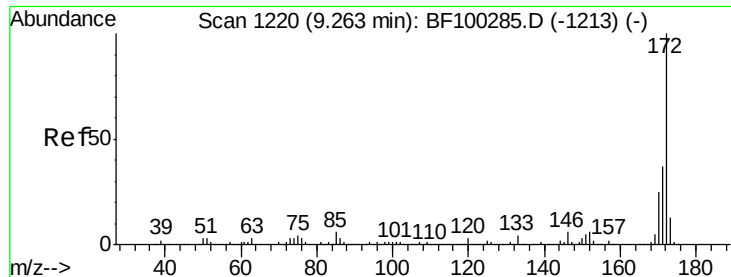
#41
2,4,6-Tribromophenol
Concen: 82.74 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BF100431.D
Acq: 11 Nov 2017 11:00

Tgt Ion:330 Resp: 209376
Ion Ratio Lower Upper
330 100
332 99.2 77.0 115.6
141 32.0 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

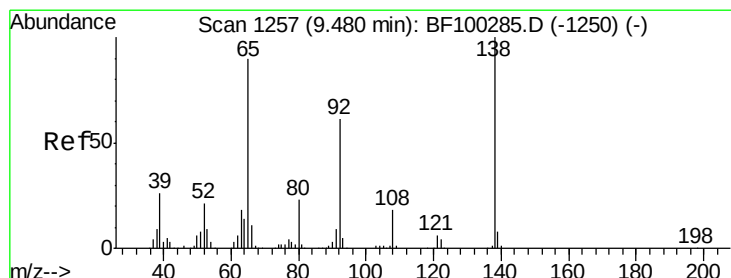
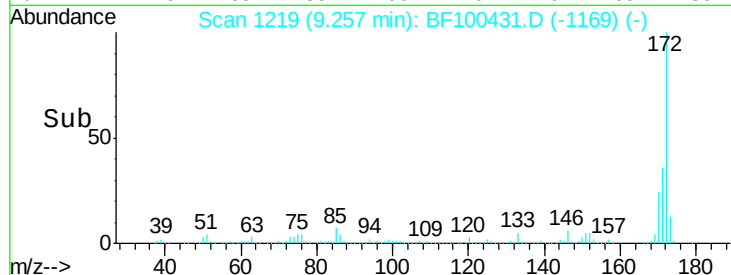
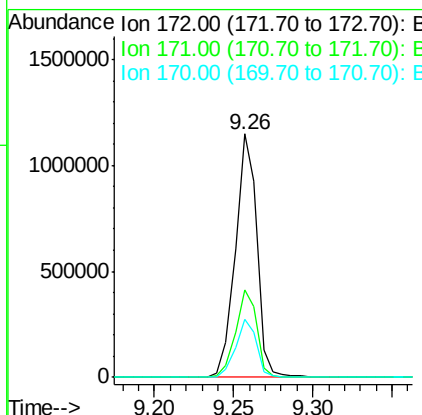
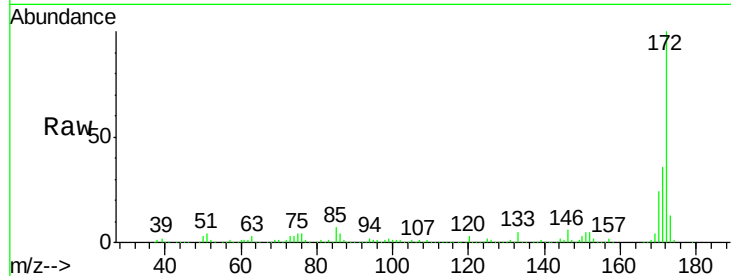




#44
2-Fluorobiphenyl
Concen: 66.13 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF100431.D
Acq: 11 Nov 2017 11:00

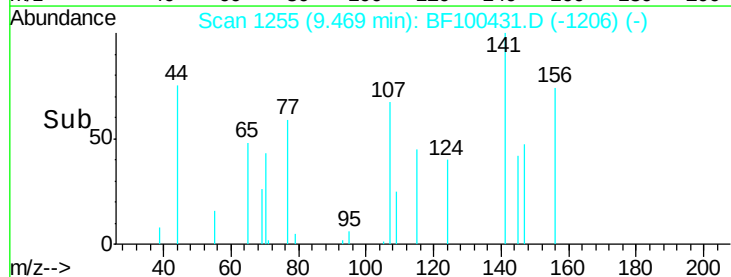
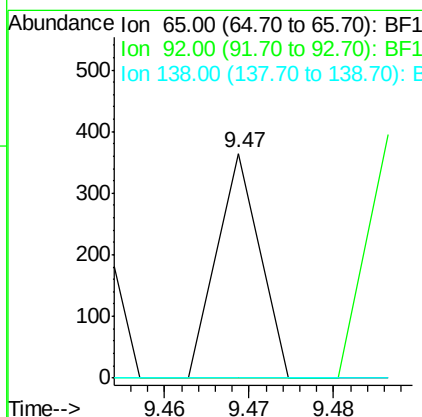
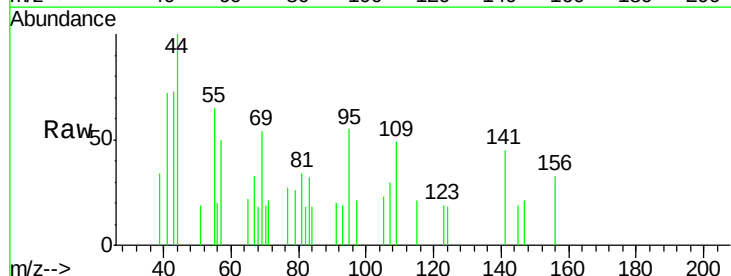
Instrument :
BNA_F
ClientSampleId :
TP-12

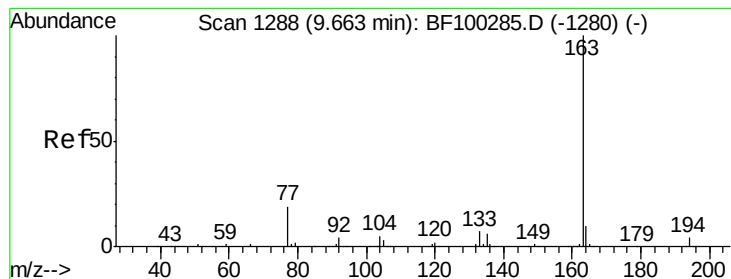
Tgt Ion: 172 Resp: 1078534
Ion Ratio Lower Upper
172 100
171 36.1 29.7 44.5
170 24.1 19.6 29.4



#47
2-Nitroaniline
Concen: 2.81 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF100431.D
Acq: 11 Nov 2017 11:00

Tgt Ion: 65 Resp: 128
Ion Ratio Lower Upper
65 100
92 0.0 55.8 83.6#
138 0.0 91.2 136.8#





#49

Dimethylphthalate

Concen: 4.38 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BF100431.D

Acq: 11 Nov 2017 11:00

Instrument :

BNA_F

ClientSampleId :

TP-12

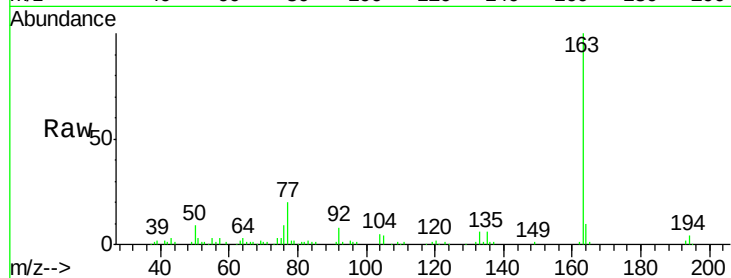
Tgt Ion:163 Resp: 82979

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

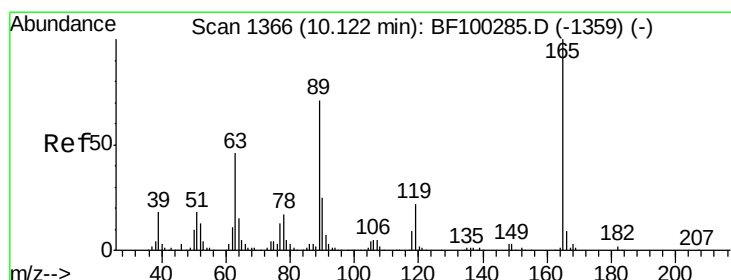
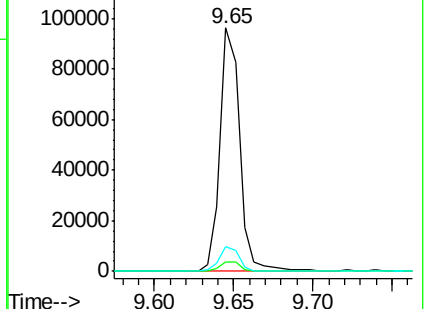
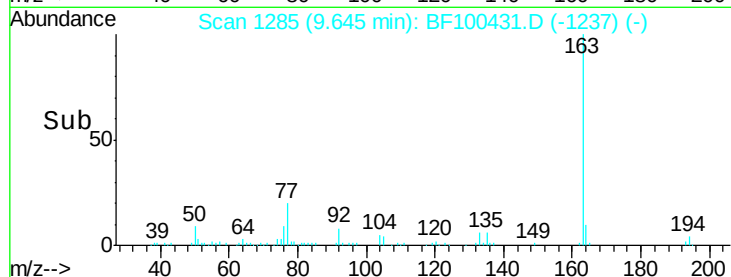
164 10.3 8.2 12.2



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



#56

2,4-Dinitrotoluene

Concen: 7.03 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.19 min

Lab File: BF100431.D

Acq: 11 Nov 2017 11:00

Tgt Ion:165 Resp: 33272

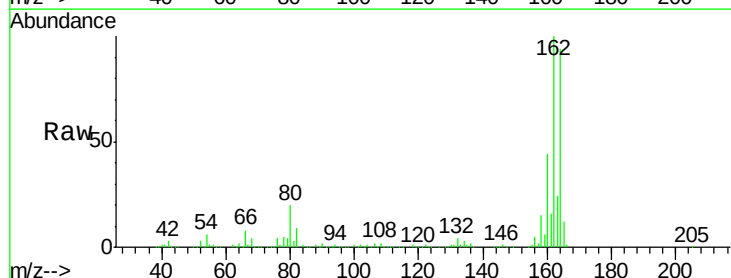
Ion Ratio Lower Upper

165 100

63 1.6 36.4 54.6#

89 1.3 57.8 86.6#

182 0.0 1.6 2.4#

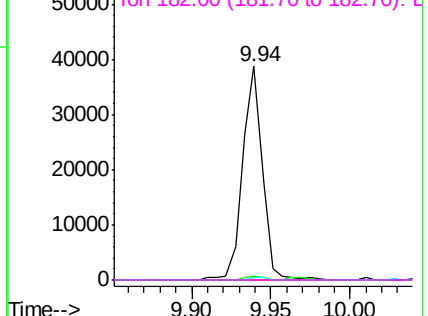
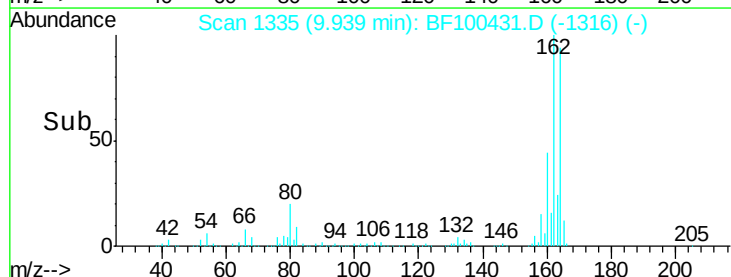


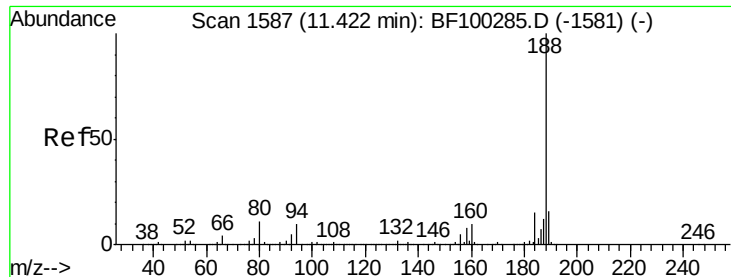
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

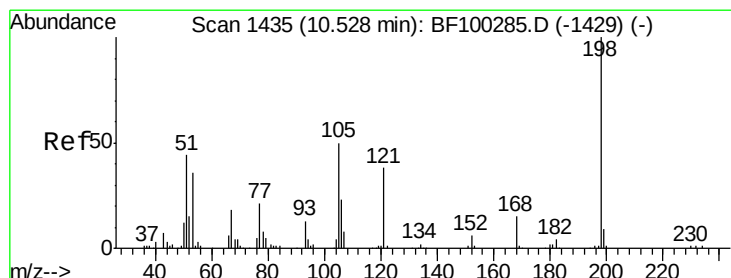
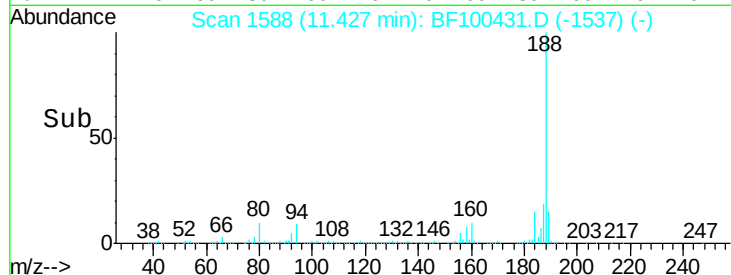
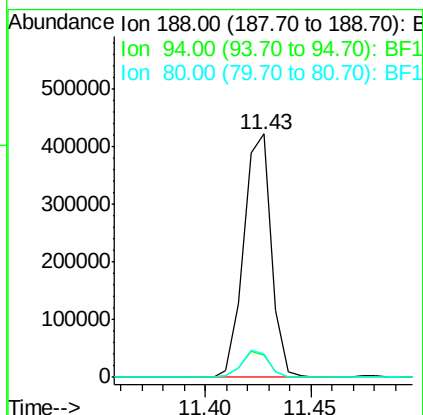
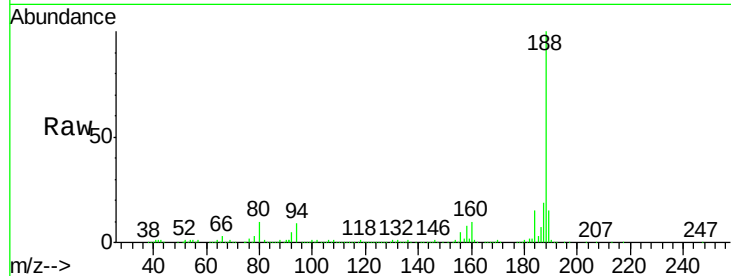




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.00 min
 Lab File: BF100431.D
 Acq: 11 Nov 2017 11:00

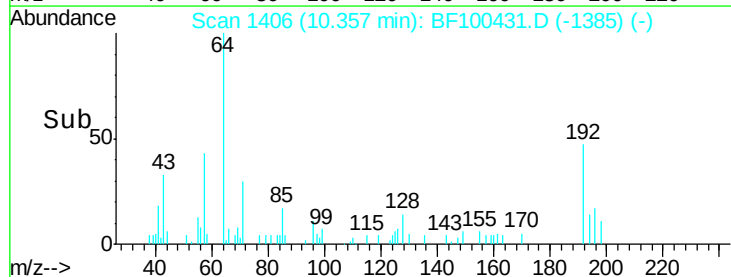
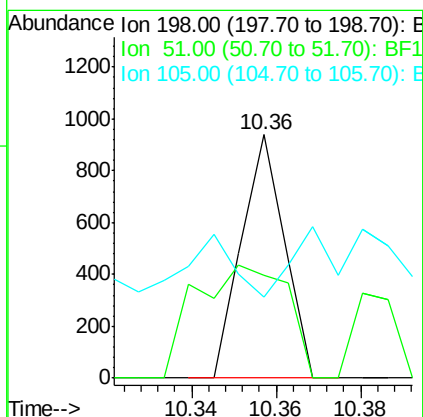
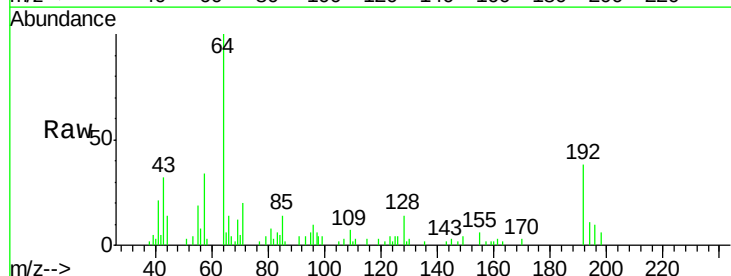
Instrument :
 BNA_F
 ClientSampleId :
 TP-12

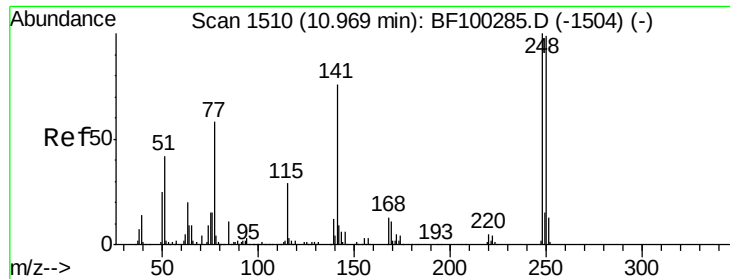
Tgt Ion:188 Resp: 382647
 Ion Ratio Lower Upper
 188 100
 94 9.3 8.5 12.7
 80 9.5 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.85 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. -0.18 min
 Lab File: BF100431.D
 Acq: 11 Nov 2017 11:00

Tgt Ion:198 Resp: 662
 Ion Ratio Lower Upper
 198 100
 51 42.5 37.7 77.7
 105 33.2 36.3 76.3#

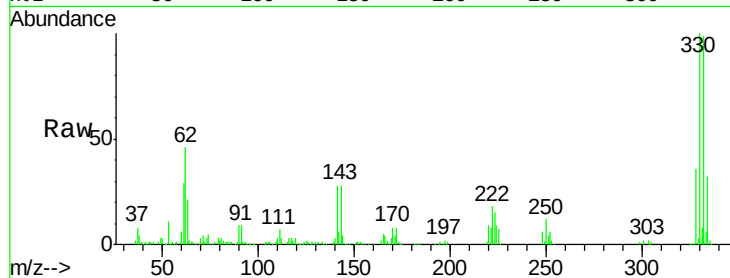




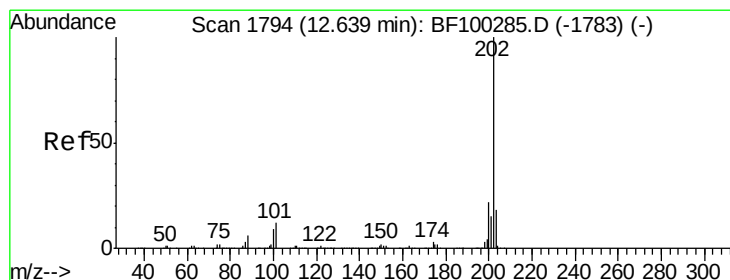
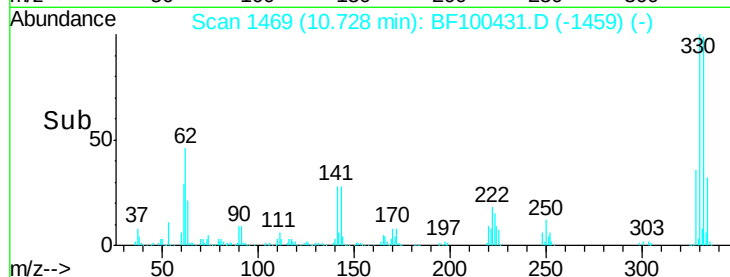
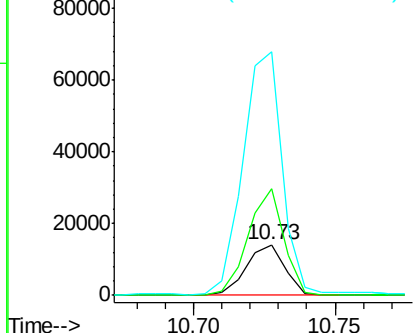
#66
 4-Bromophenyl-phenylether
 Concen: 3.27 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.24 min
 Lab File: BF100431.D
 Acq: 11 Nov 2017 11:00

Instrument :
 BNA_F
 ClientSampleId :
 TP-12

Tgt Ion: 248 Resp: 13433
 Ion Ratio Lower Upper
 248 100
 250 208.8 76.9 115.3#
 141 478.7 74.4 111.6#

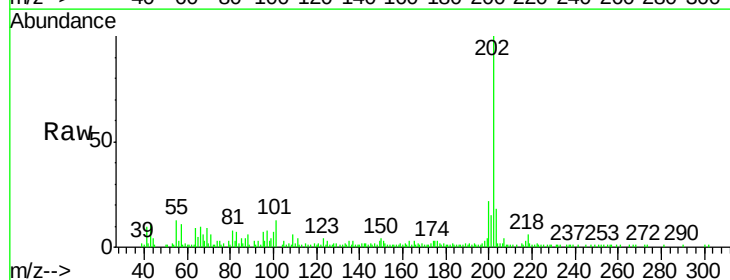


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

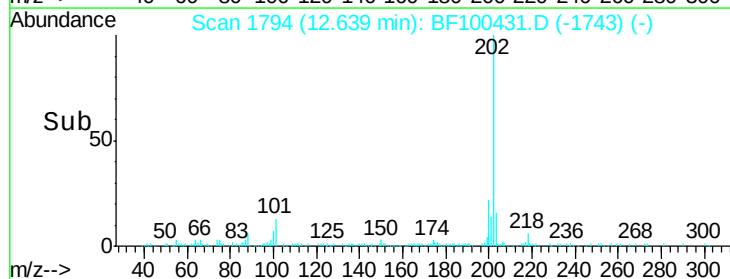
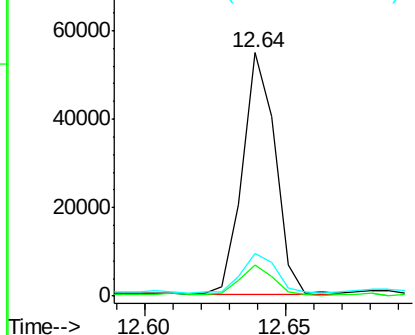


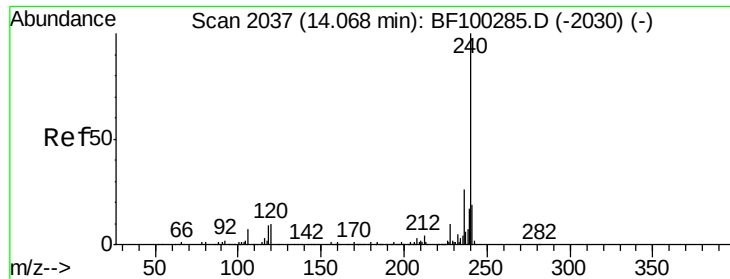
#74
 Fluoranthene
 Concen: 2.07 ng
 RT: 12.64 min Scan# 1794
 Delta R.T. -0.00 min
 Lab File: BF100431.D
 Acq: 11 Nov 2017 11:00

Tgt Ion: 202 Resp: 44209
 Ion Ratio Lower Upper
 202 100
 101 12.8 0.0 34.1
 203 17.7 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: 20.00 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF100431.D

Acq: 11 Nov 2017 11:00

Instrument :

BNA_F

ClientSampled :

TP-12

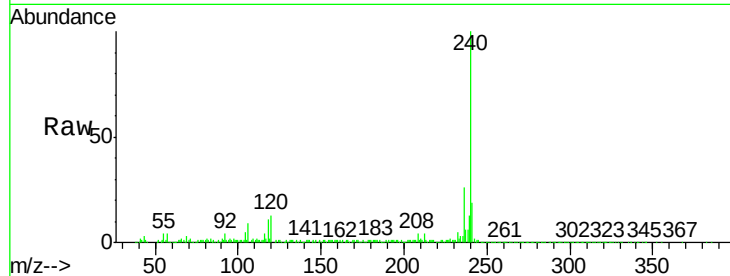
Tgt Ion:240 Resp: 330655

Ion Ratio Lower Upper

240 100

120 12.5 9.5 14.3

236 26.1 20.7 31.1

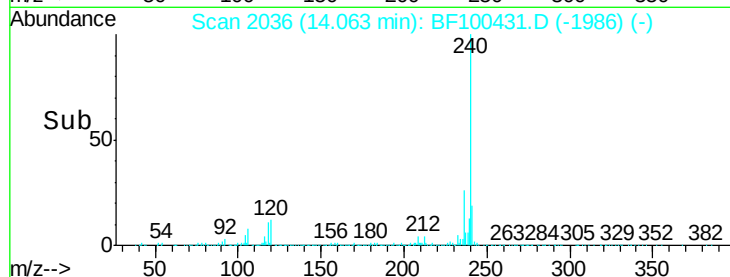


Abundance Ion 240.00 (239.70 to 240.70): E

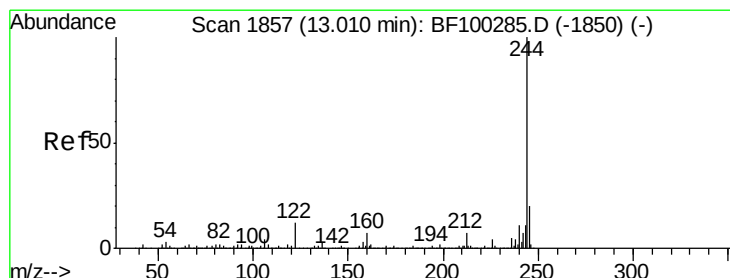
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time-->



Time-->



#78

Terphenyl-d14

Concen: 47.88 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF100431.D

Acq: 11 Nov 2017 11:00

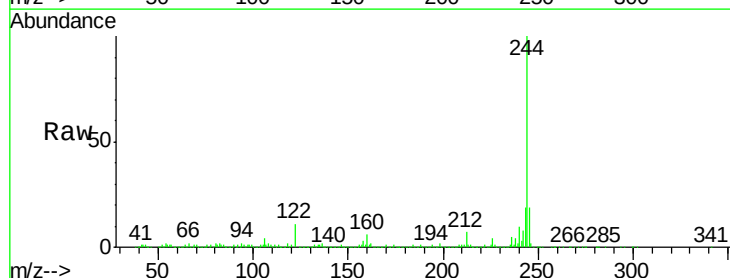
Tgt Ion:244 Resp: 689006

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

122 10.6 11.0 16.4#

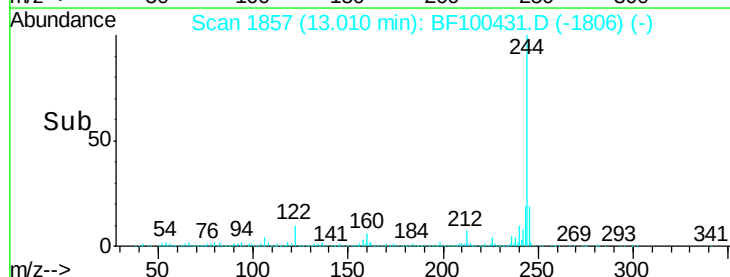


Abundance Ion 244.00 (243.70 to 244.70): E

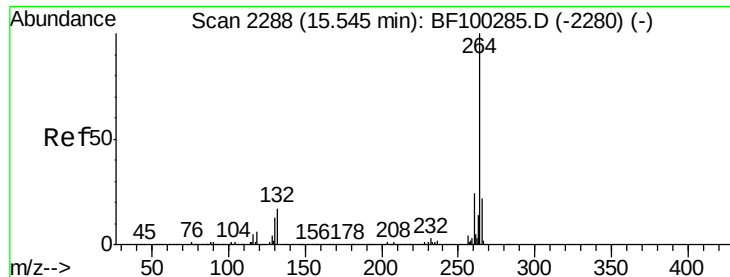
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



Time-->

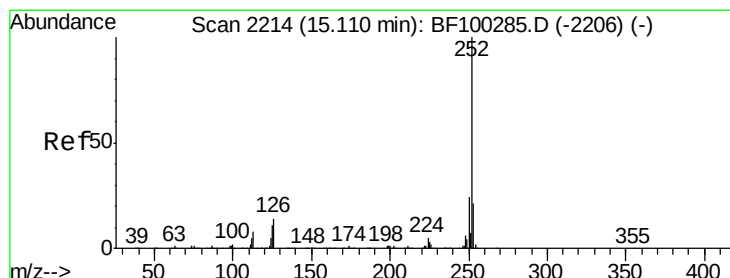
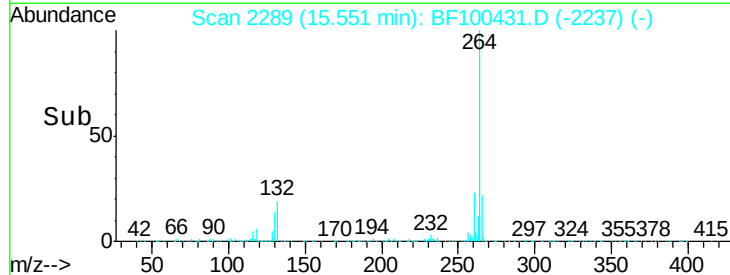
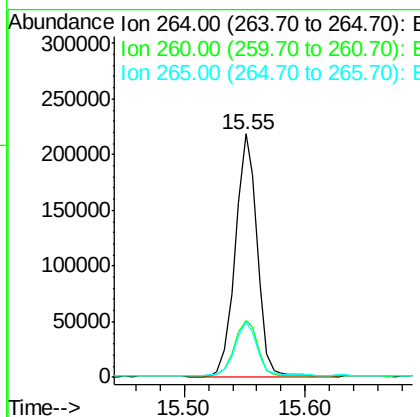
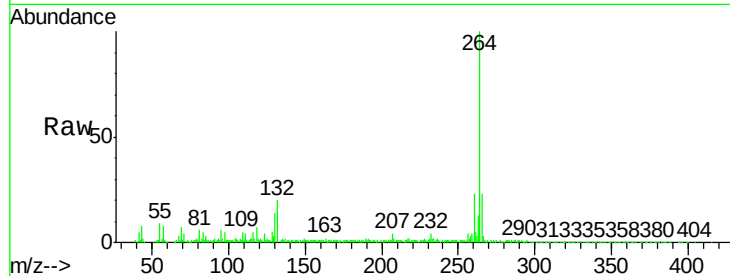


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.55 min Scan# 2289
Delta R.T. 0.01 min
Lab File: BF100431.D
Acq: 11 Nov 2017 11:00

Instrument :
BNA_F
ClientSampleId :
TP-12

Tgt Ion: 264 Resp: 273973

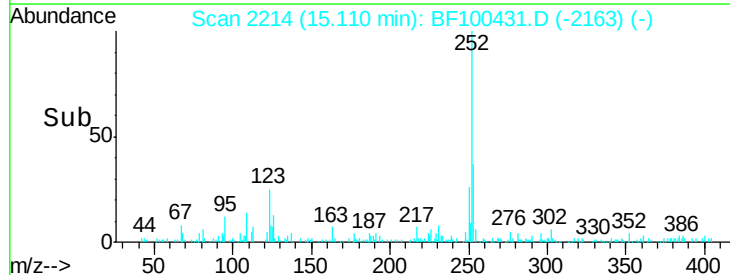
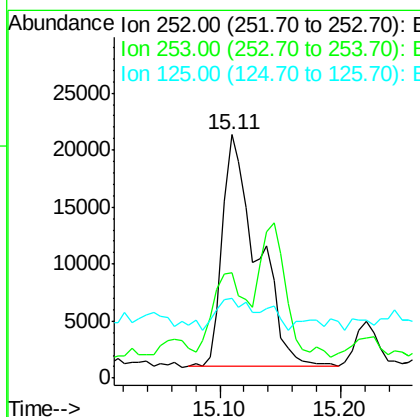
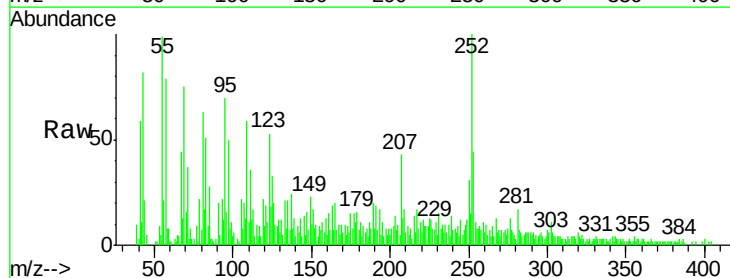
Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.5	17.5	26.3

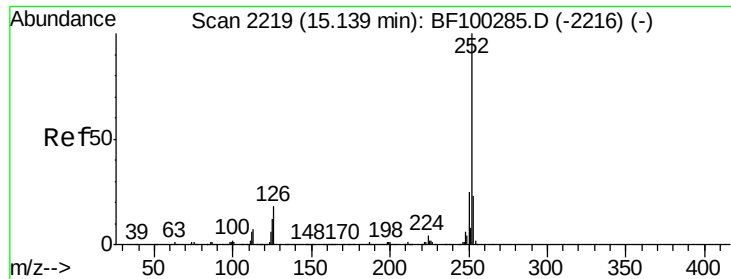


#87
Benzo(b)fluoranthene
Concen: 2.52 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.00 min
Lab File: BF100431.D
Acq: 11 Nov 2017 11:00

Tgt Ion: 252 Resp: 40949

Ion	Ratio	Lower	Upper
252	100		
253	43.5	17.0	25.6#
125	32.6	9.0	13.6#





#88

Benzo(k)fluoranthene

Concen: 2.67 ng

RT: 15.11 min Scan# 2214

Delta R.T. -0.04 min

Lab File: BF100431.D

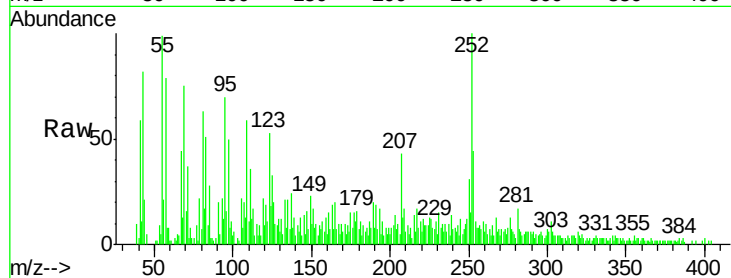
Acq: 11 Nov 2017 11:00

Instrument :

BNA_F

ClientSampleId :

TP-12



Tgt Ion:	252	Resp:	40949
Ion	Ratio	Lower	Upper
252	100		
253	43.5	17.9	26.9#
125	32.6	10.2	15.2#

