

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111617\
 Data File : BF100620.D
 Acq On : 16 Nov 2017 10:24
 Operator : SJ/JU
 Sample : PB104249BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB104249BL

Quant Time: Nov 16 12:23:51 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 16 12:15:03 2017
 Response via : Initial Calibration

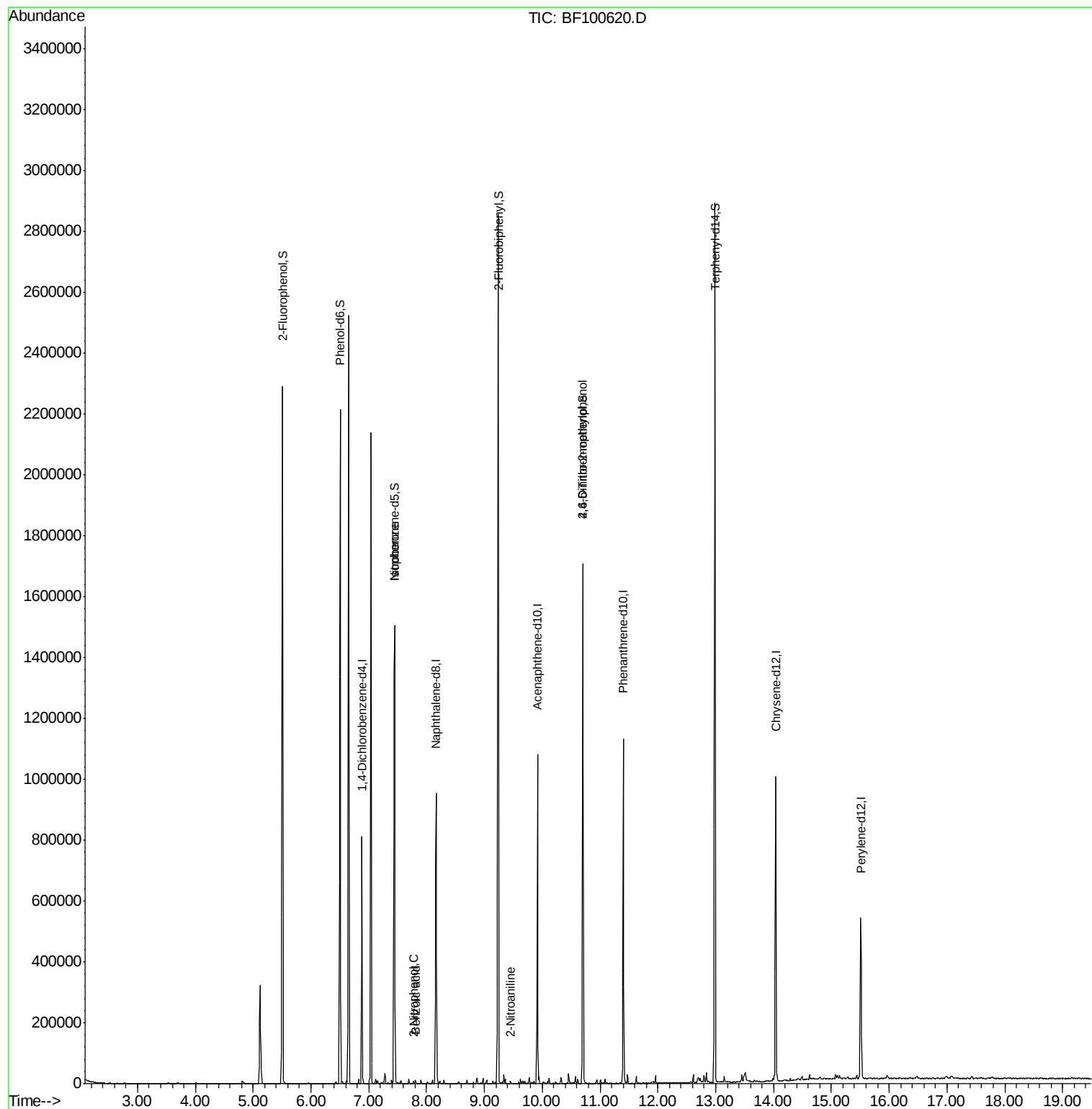
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	112843	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	446487	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	214041	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	423715	20.00	ng	0.00
75) Chrysene-d12	14.04	240	350721	20.00	ng	0.00
86) Perylene-d12	15.51	264	250246	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	709842	100.84	ng	0.01
7) Phenol-d6	6.51	99	853337	98.30	ng	0.00
23) Nitrobenzene-d5	7.45	82	536491	79.44	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	222347	101.94	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1047156	74.50	ng	0.00
78) Terphenyl-d14	12.99	244	1065253	69.79	ng	0.00
Target Compounds						
25) Isophorone	7.45	82	535703	37.748	ng	# 64
26) 2-Nitrophenol	7.77	139	1223	5.712	ng	# 84
32) Benzoic acid	7.80	122	2240	9.741	ng	# 13
47) 2-Nitroaniline	9.45	65	1520	3.145	ng	# 88
64) 4,6-Dinitro-2-methylphenol	10.70	198	300	8.685	ng	# 1

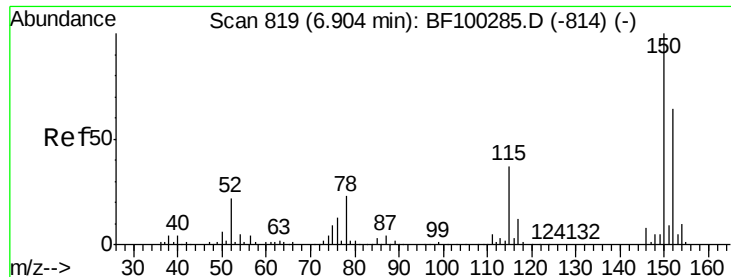
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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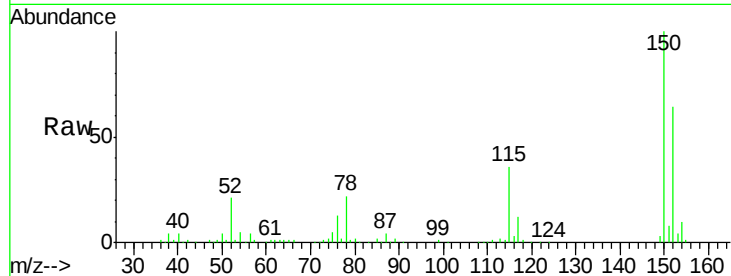


#1

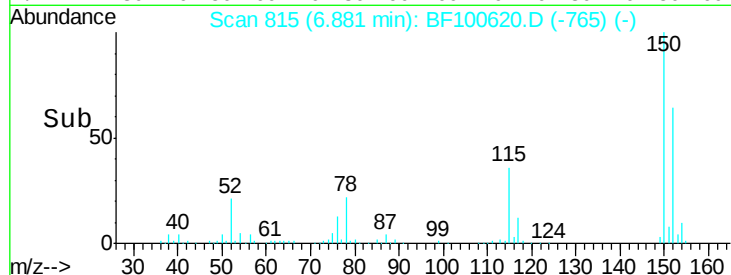
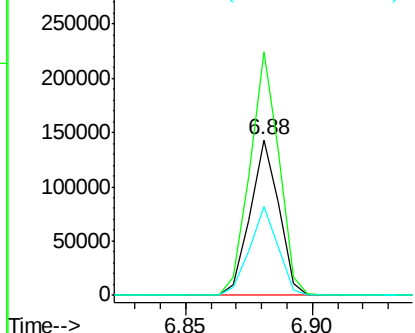
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF100620.D
Acq: 16 Nov 2017 10:24

Instrument :
BNA_F
ClientSampleId :
PB104249BL

Tgt Ion:152 Resp: 112843
Ion Ratio Lower Upper
152 100
150 156.6 124.6 186.8
115 56.9 50.1 75.1



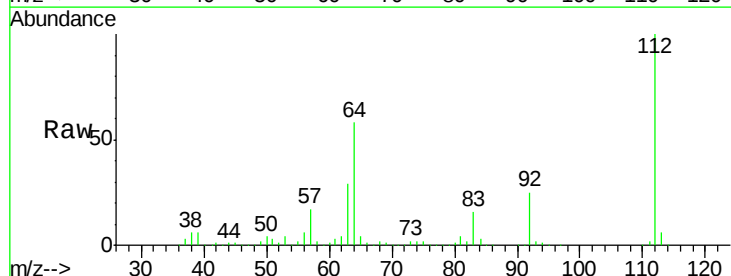
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



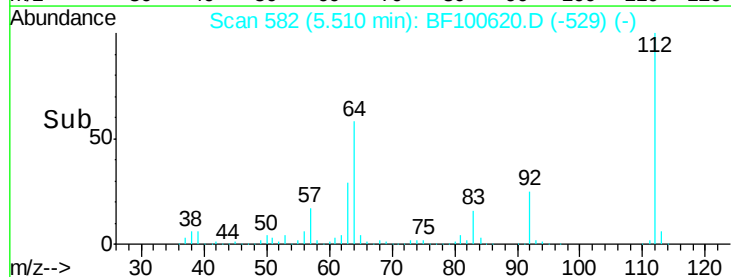
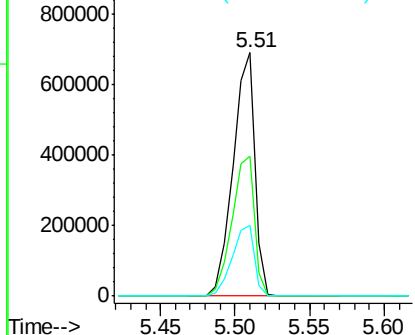
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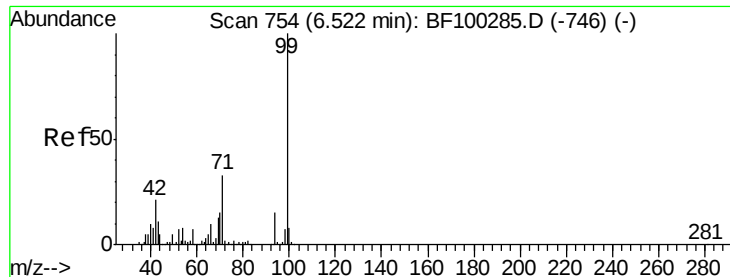
2-Fluorophenol
Concen: 100.836 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF100620.D
Acq: 16 Nov 2017 10:24

Tgt Ion:112 Resp: 709842
Ion Ratio Lower Upper
112 100
64 57.5 47.9 71.9
63 28.9 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: 98.303 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF100620.D

Acq: 16 Nov 2017 10:24

Instrument :

BNA_F

ClientSampleId :

PB104249BL

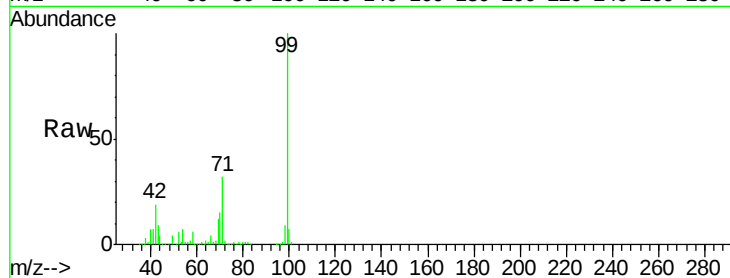
Tgt Ion: 99 Resp: 853337

Ion Ratio Lower Upper

99 100

42 18.8 14.5 21.7

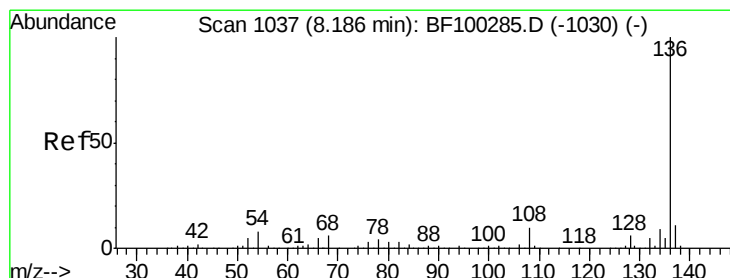
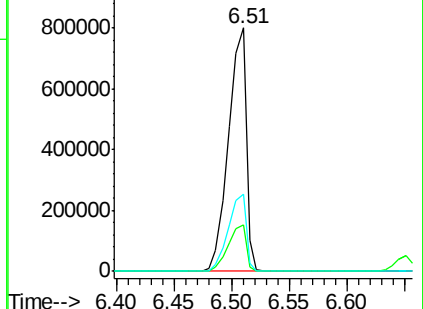
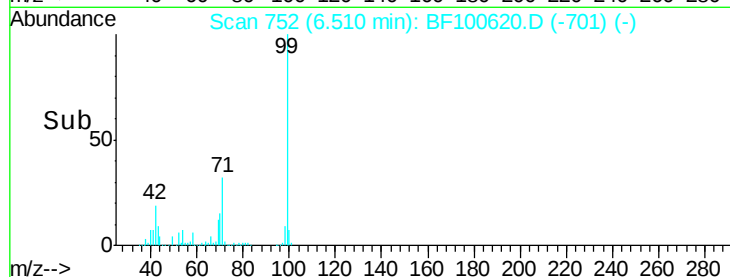
71 31.5 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF100620.D

Acq: 16 Nov 2017 10:24

Tgt Ion: 136 Resp: 446487

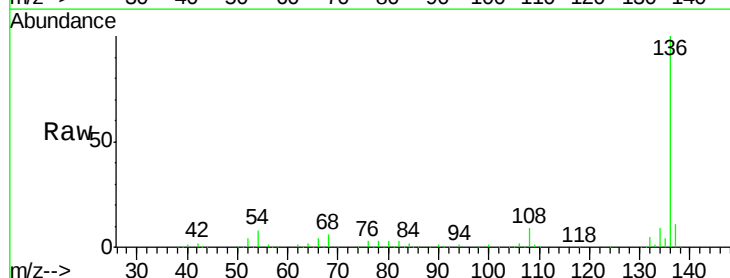
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.8 6.6 9.8

68 5.6 5.0 7.4

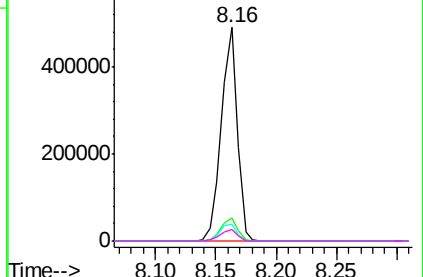
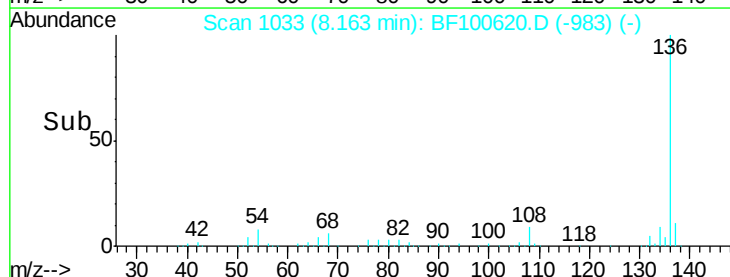


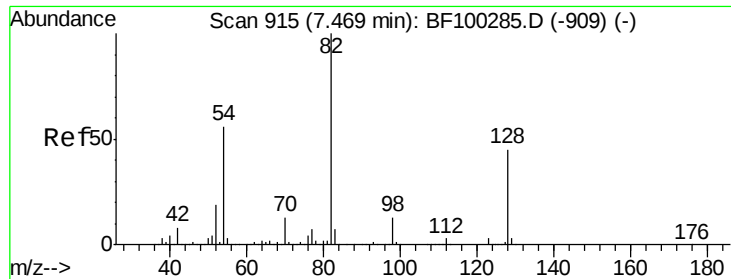
Abundance Ion 136.00 (135.70 to 136.70): E

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

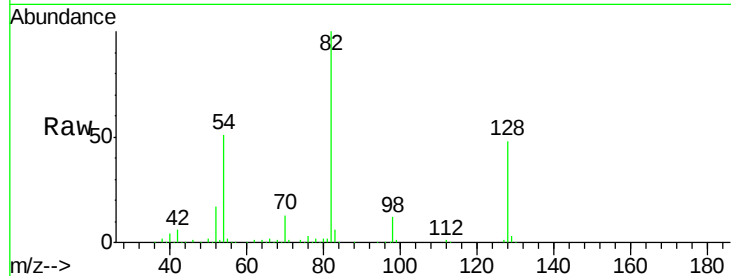




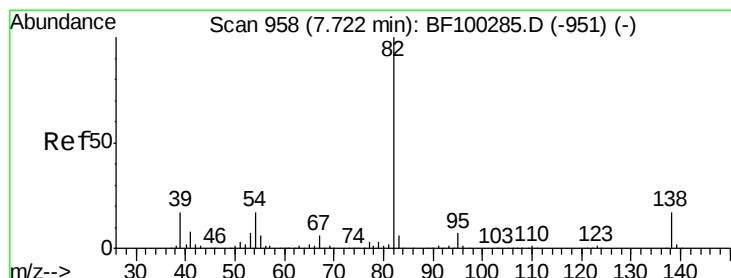
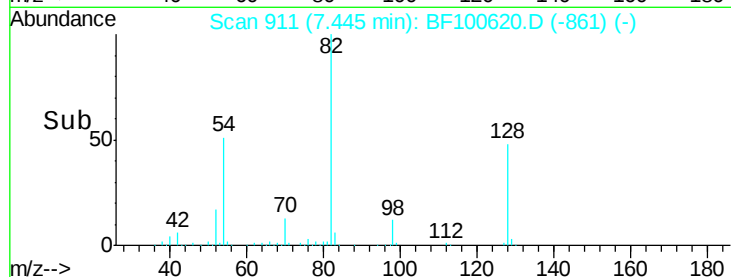
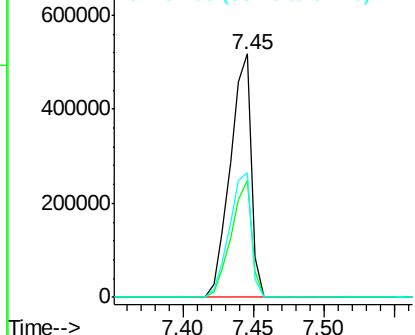
#23
 Nitrobenzene-d5
 Concen: 79.441 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF100620.D
 Acq: 16 Nov 2017 10:24

Instrument :
 BNA_F
 ClientSampleId :
 PB104249BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.0	36.1	54.1
54	51.0	41.4	62.2

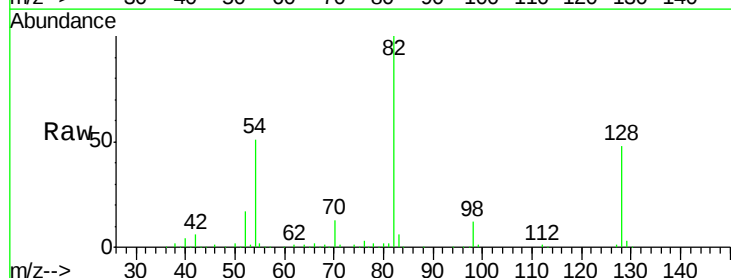


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

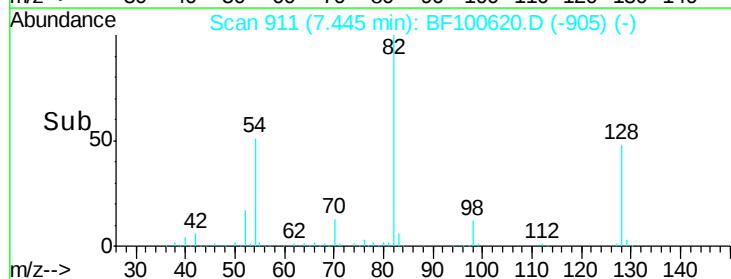
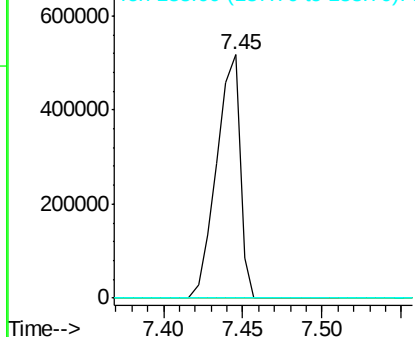


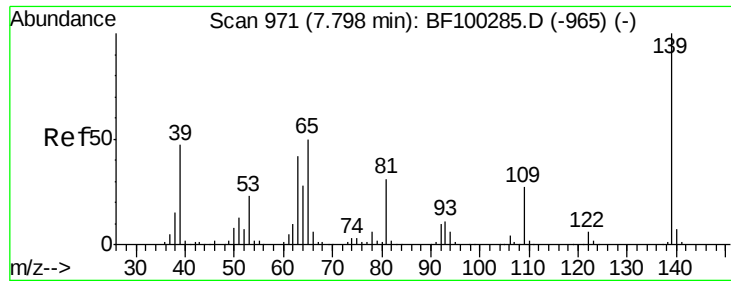
#25
 Isophorone
 Concen: 37.748 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.26 min
 Lab File: BF100620.D
 Acq: 16 Nov 2017 10:24

Tgt 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

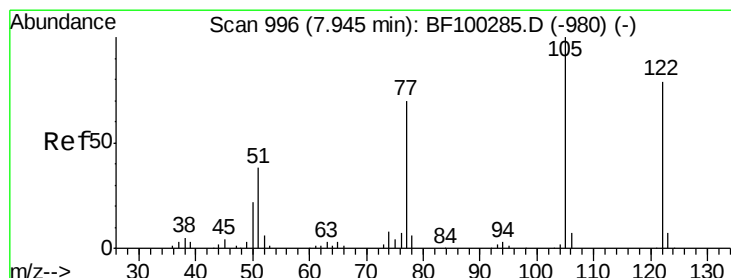
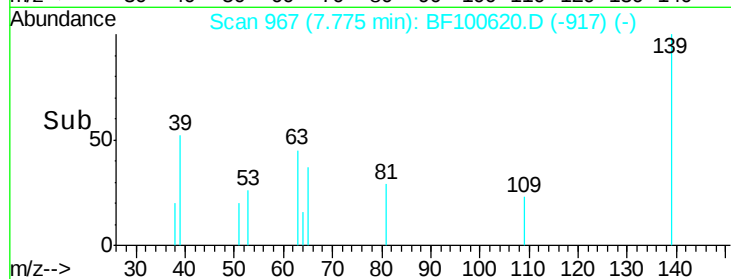
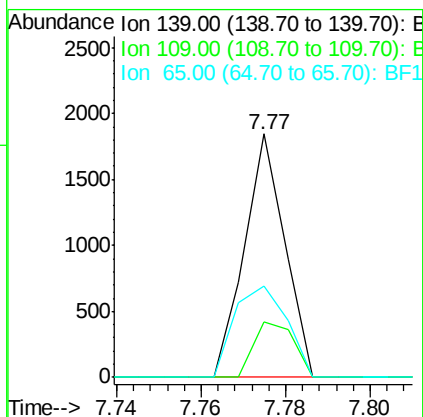
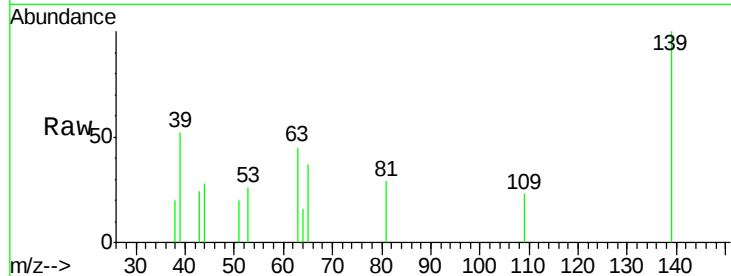




#26
 2-Nitrophenol
 Concen: 5.712 ng
 RT: 7.77 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BF100620.D
 Acq: 16 Nov 2017 10:24

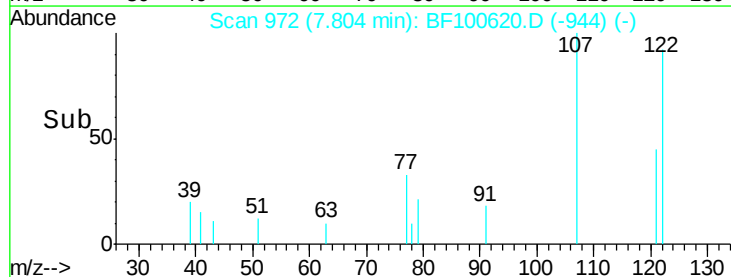
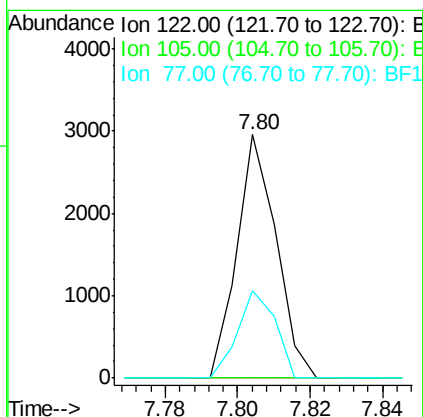
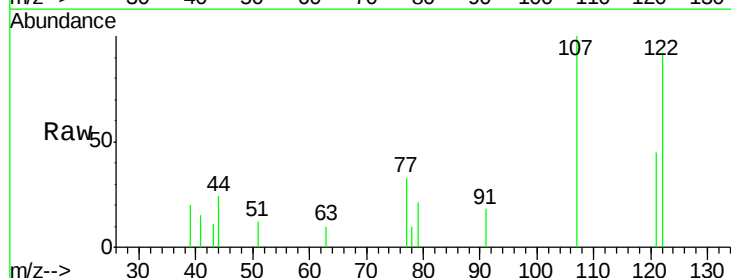
Instrument :
 BNA_F
 ClientSampleId :
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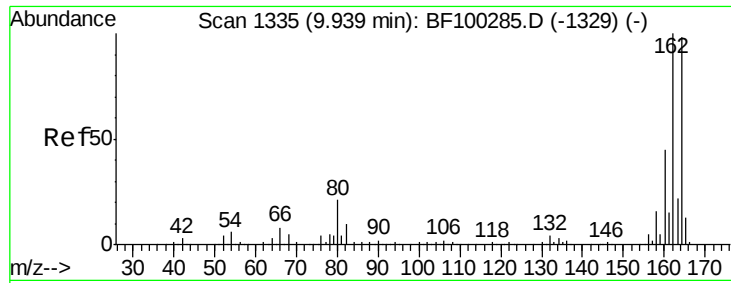
Tgt Ion:139 Resp: 1223
 Ion Ratio Lower Upper
 139 100
 109 22.6 22.7 34.1#
 65 37.3 40.5 60.7#



#32
 Benzoic acid
 Concen: 9.741 ng
 RT: 7.80 min Scan# 972
 Delta R.T. -0.14 min
 Lab File: BF100620.D
 Acq: 16 Nov 2017 10:24

Tgt Ion:122 Resp: 2240
 Ion Ratio Lower Upper
 122 100
 105 0.0 101.1 141.1#
 77 35.9 70.7 110.7#

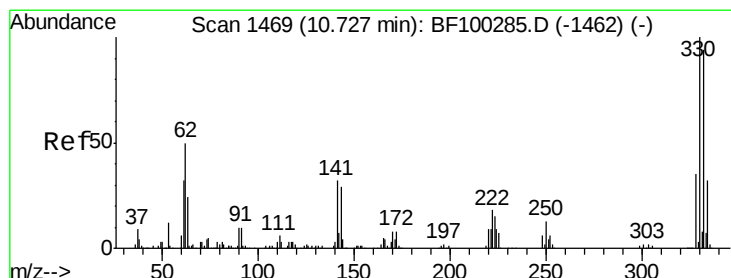
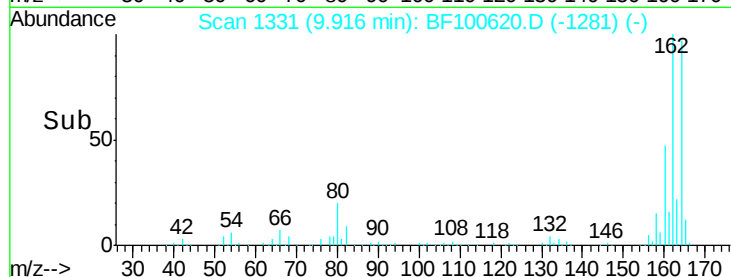
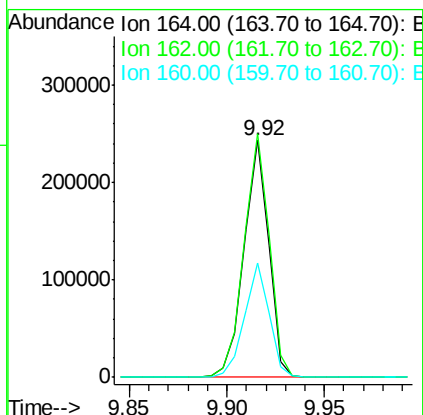
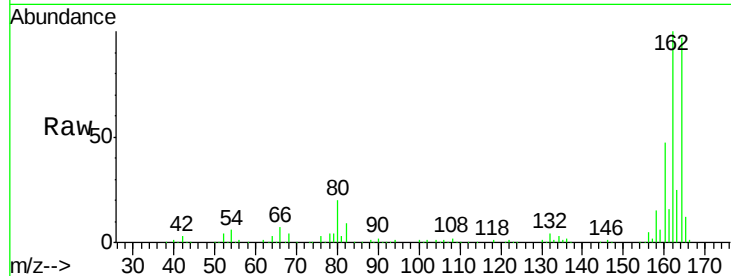




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF100620.D
 Acq: 16 Nov 2017 10:24

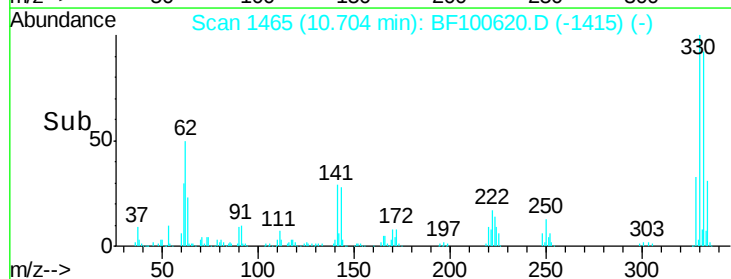
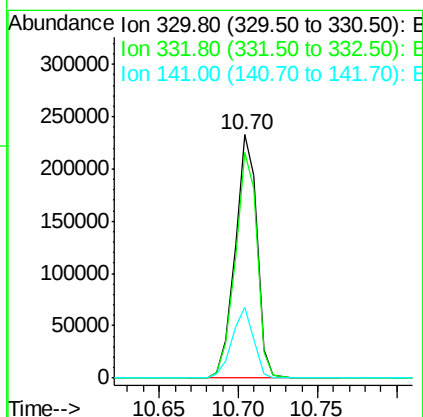
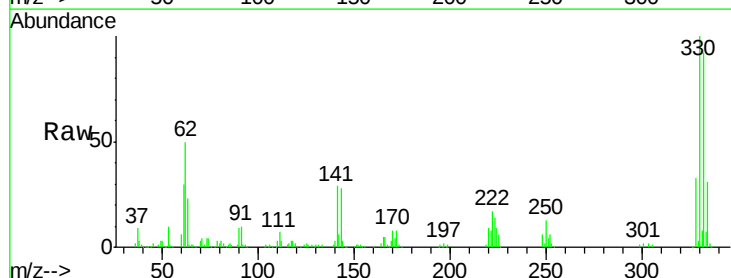
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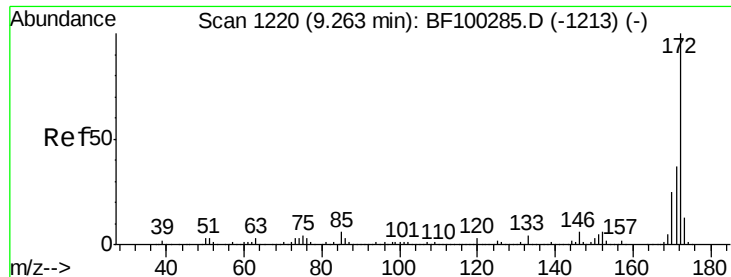
Tgt Ion:164 Resp: 214041
 Ion Ratio Lower Upper
 164 100
 162 102.9 86.1 129.1
 160 48.2 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 101.944 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100620.D
 Acq: 16 Nov 2017 10:24

Tgt Ion:330 Resp: 222347
 Ion Ratio Lower Upper
 330 100
 332 93.0 77.0 115.6
 141 28.5 29.9 44.9#

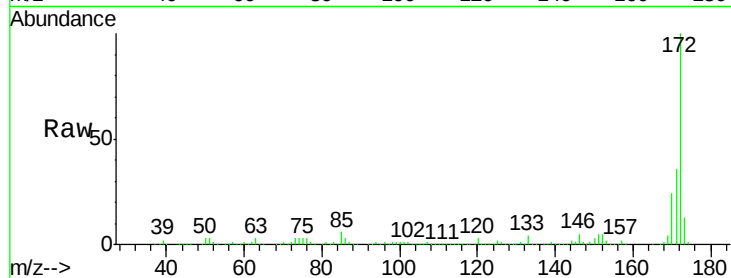




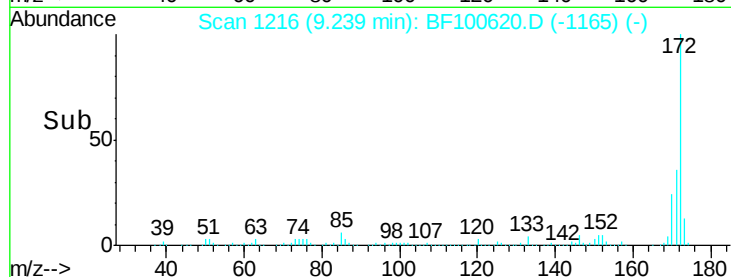
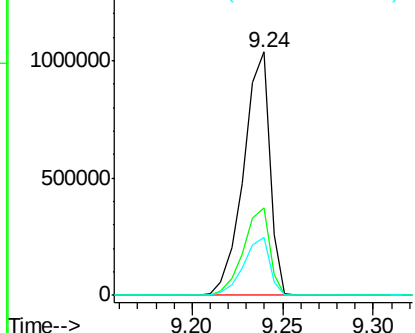
#44
 2-Fluorobiphenyl
 Concen: 74.496 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF100620.D
 Acq: 16 Nov 2017 10:24

Instrument :
 BNA_F
 ClientSampleId :
 PB104249BL

Tgt Ion: 172 Resp: 1047156
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 23.9 19.6 29.4

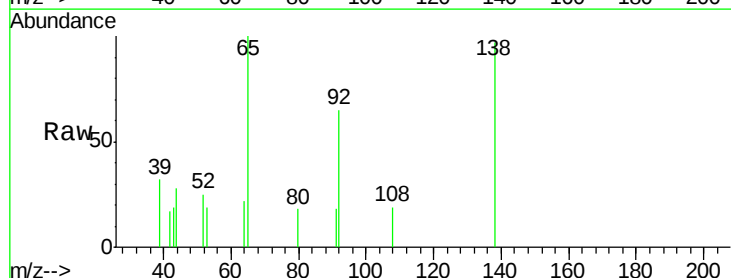


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

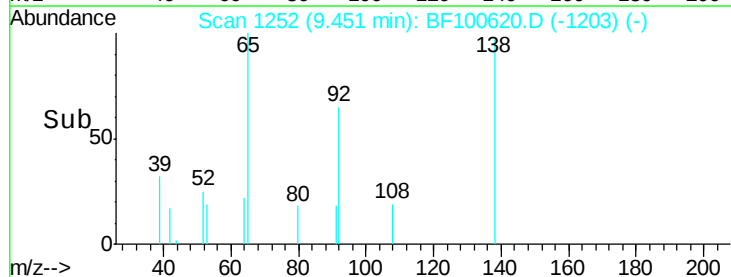
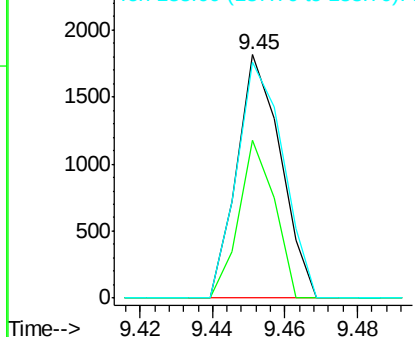


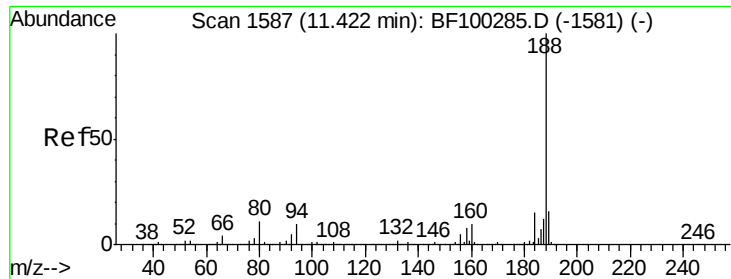
#47
 2-Nitroaniline
 Concen: 3.145 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.01 min
 Lab File: BF100620.D
 Acq: 16 Nov 2017 10:24

Tgt Ion: 65 Resp: 1520
 Ion Ratio Lower Upper
 65 100
 92 64.8 55.8 83.6
 138 97.1 91.2 136.8



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

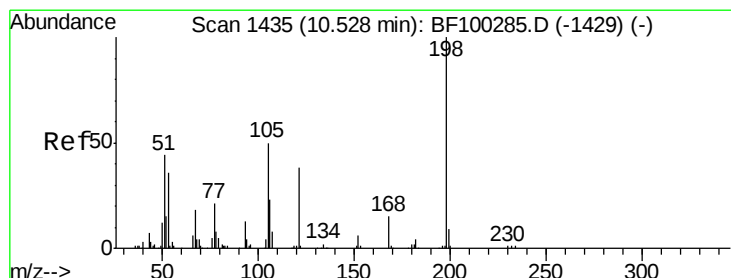
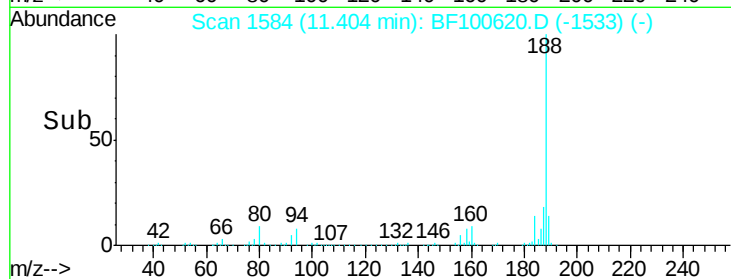
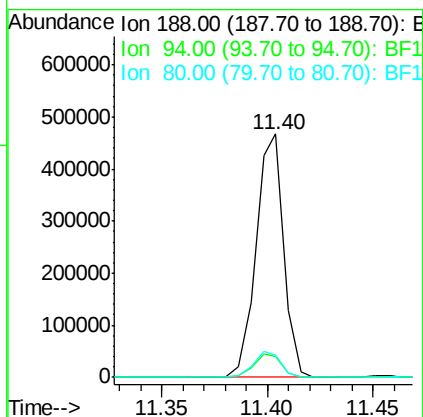
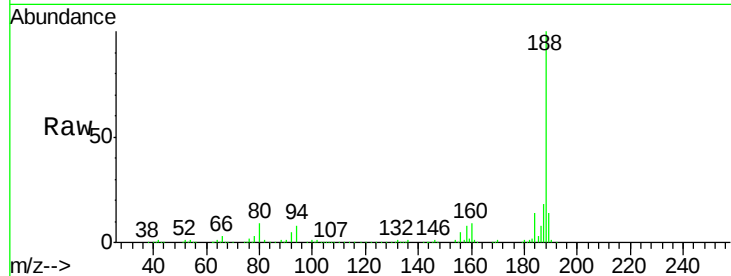




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF100620.D
 Acq: 16 Nov 2017 10:24

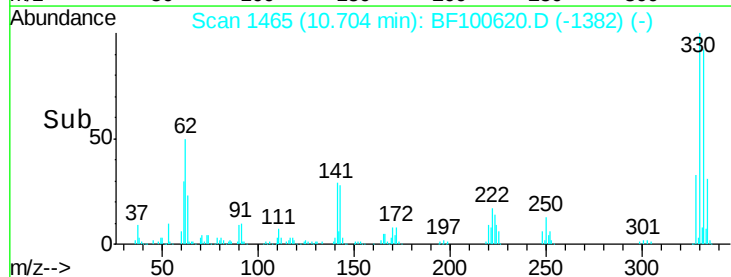
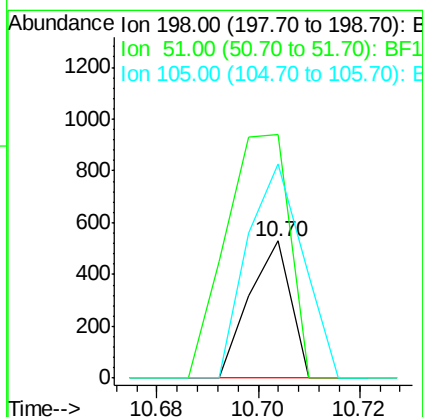
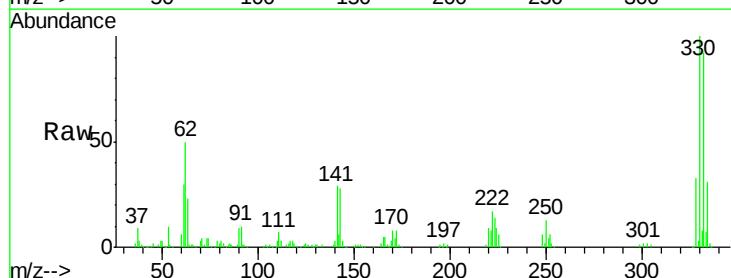
Instrument :
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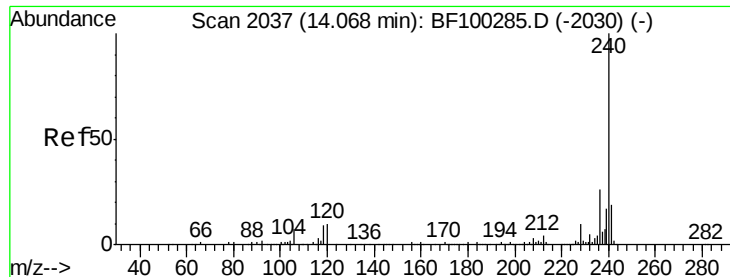
Tgt Ion:188 Resp: 423715
 Ion Ratio Lower Upper
 188 100
 94 8.4 8.5 12.7#
 80 9.2 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.685 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.19 min
 Lab File: BF100620.D
 Acq: 16 Nov 2017 10:24

Tgt Ion:198 Resp: 300
 Ion Ratio Lower Upper
 198 100
 51 177.4 37.7 77.7#
 105 156.4 36.3 76.3#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF100620.D

Acq: 16 Nov 2017 10:24

Instrument :

BNA_F

ClientSampleId :

PB104249BL

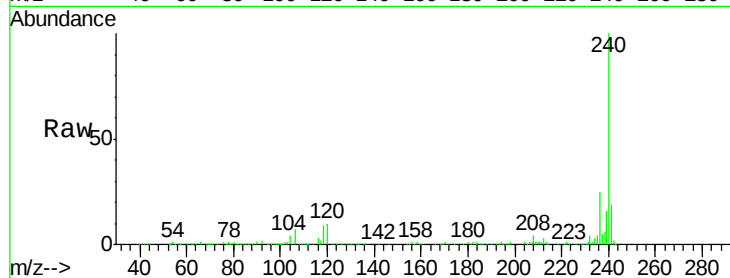
Tgt Ion:240 Resp: 350721

Ion Ratio Lower Upper

240 100

120 10.4 9.5 14.3

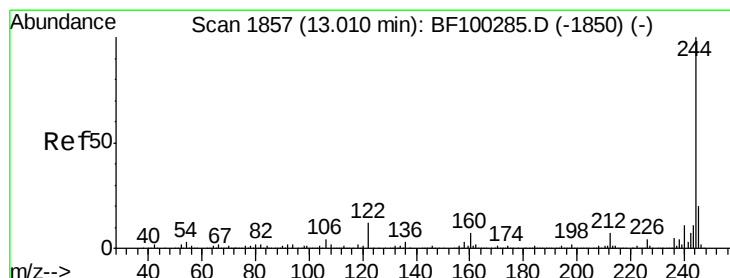
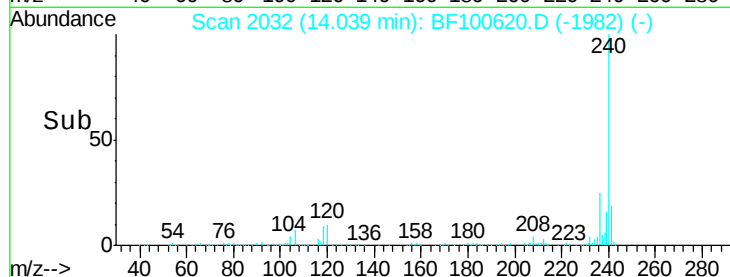
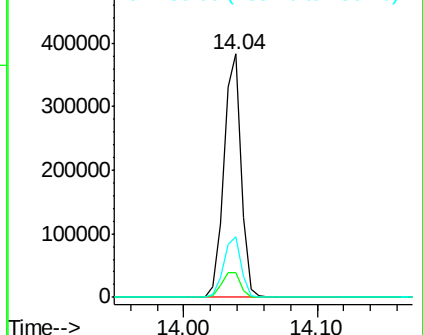
236 24.8 20.7 31.1



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



#78

Terphenyl-d14

Concen: 69.789 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF100620.D

Acq: 16 Nov 2017 10:24

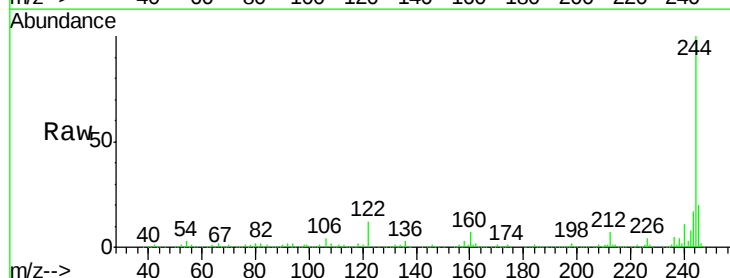
Tgt Ion:244 Resp: 1065253

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

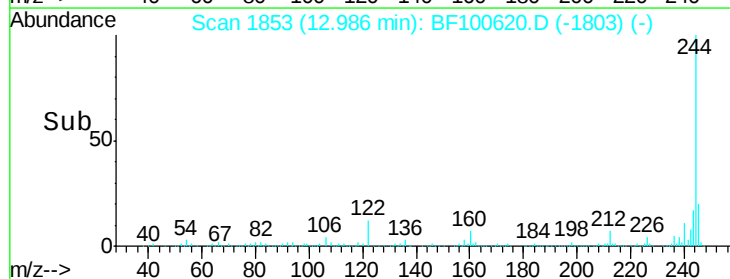
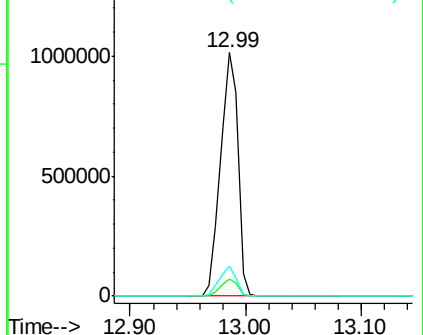
122 12.2 11.0 16.4

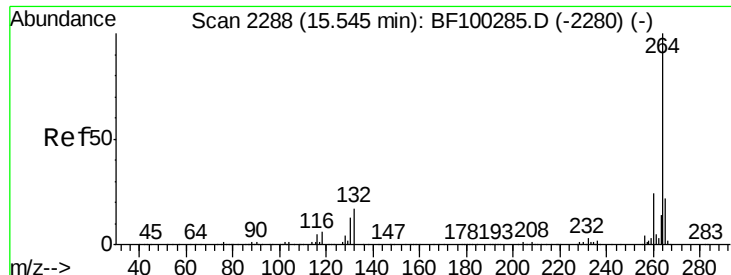


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

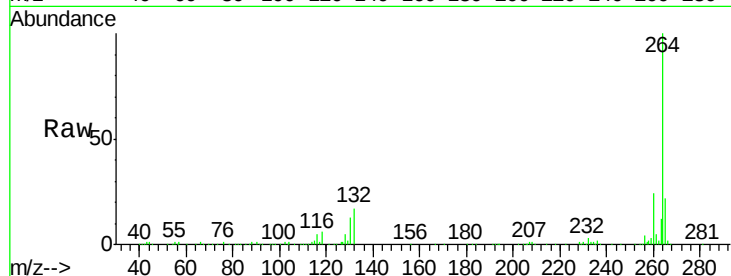




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF100620.D
Acq: 16 Nov 2017 10:24

Instrument :
BNA_F
ClientSampleId :
PB104249BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.5	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

