

Data File : BF100712.D
Acq On : 18 Nov 2017 10:24
Operator : SJ/JU
Sample : I6309-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-02-111517

Quant Time: Nov 20 00:11:47 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	94584	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	364523	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	155092	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	246757	20.00	ng	0.00
75) Chrysene-d12	14.04	240	210453	20.00	ng	0.00
86) Perylene-d12	15.52	264	171055	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	577424	97.86	ng	0.02
7) Phenol-d6	6.51	99	617978	84.93	ng	0.00
23) Nitrobenzene-d5	7.45	82	476337	86.39	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	173605	109.85	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	940307	92.32	ng	0.00
78) Terphenyl-d14	12.99	244	717387	78.32	ng	0.00
Target Compounds						
9) Benzaldehyde	6.66	77	12812	2.47	ng	81
19) n-Nitroso-di-n-propylamine	7.45	70	61155	12.12	ng	# 80
25) Isophorone	7.45	82	476333	41.11	ng	# 64
47) 2-Nitroaniline	9.24	65	1072	3.14	ng	# 1
50) 2,6-Dinitrotoluene	9.90	165	16315	6.96	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.70	198	140	8.66	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	11091	4.19	ng	# 1

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

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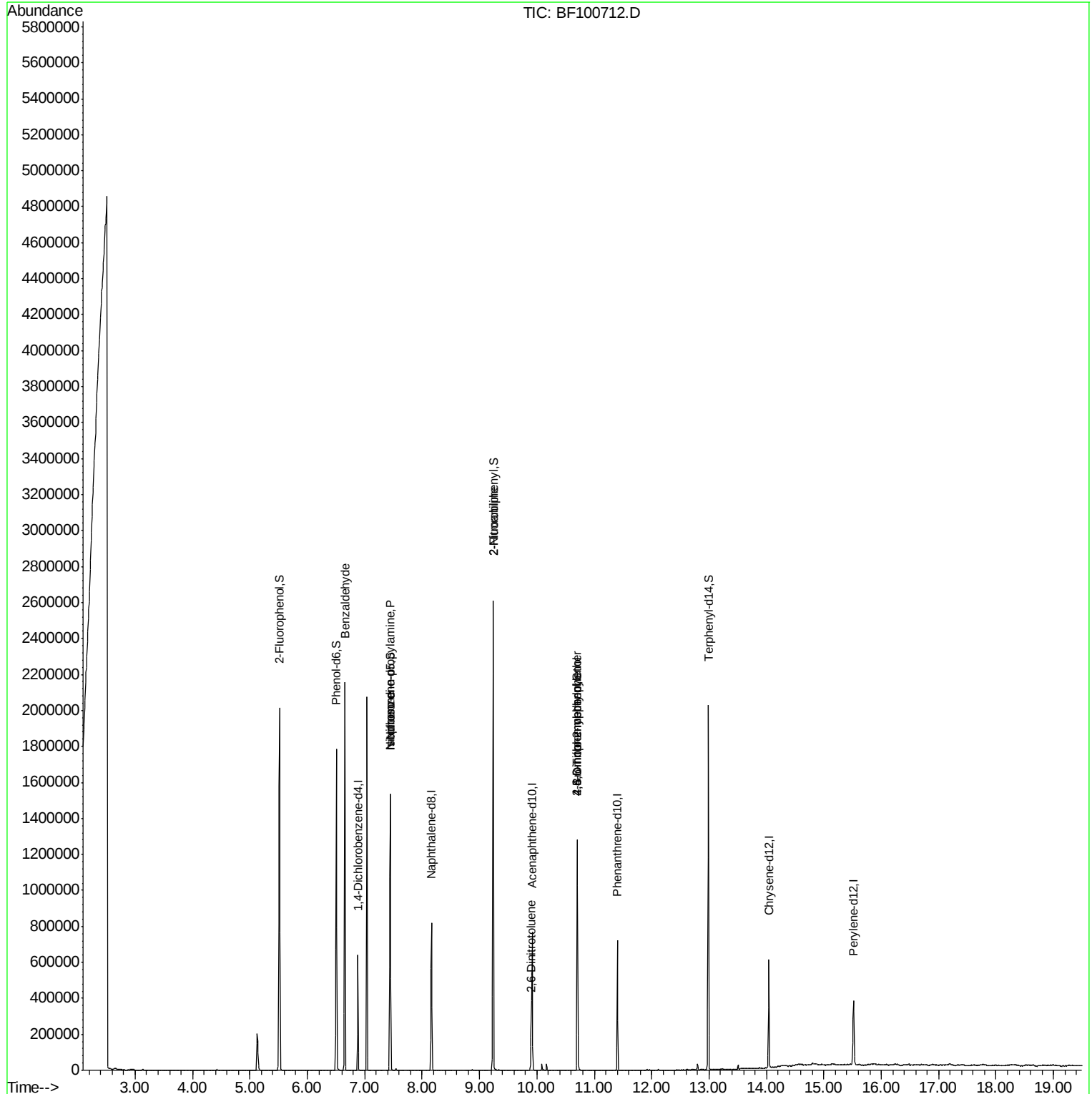
Quant Time: Nov 20 00:11:47 2017

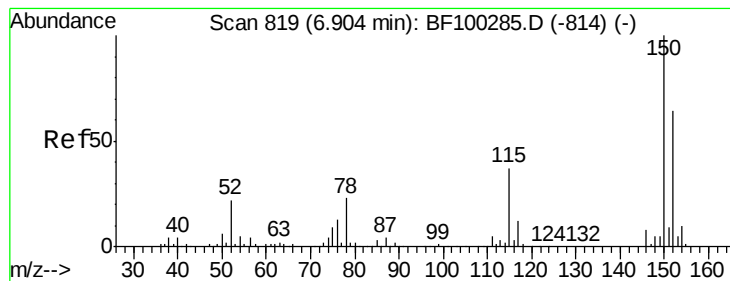
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M

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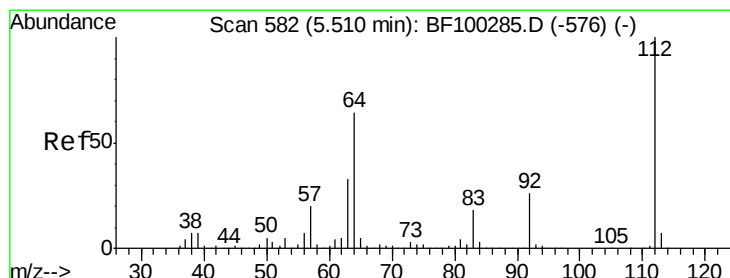
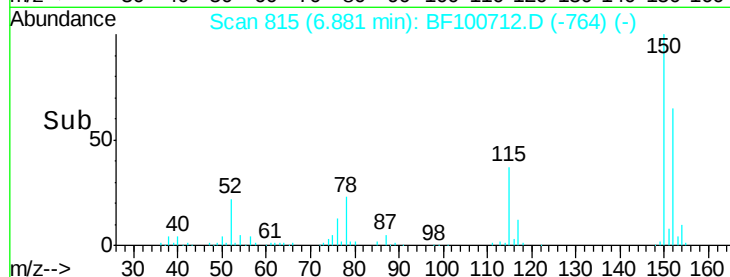
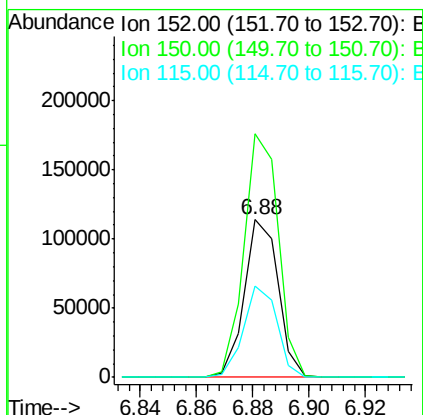
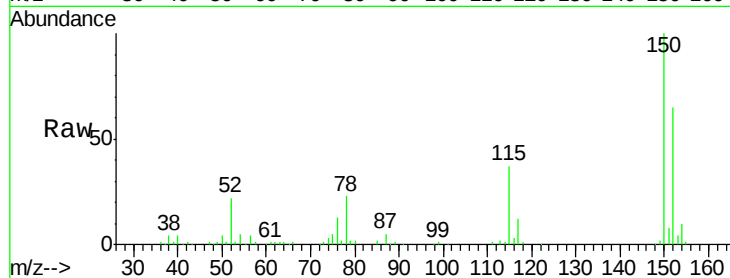


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.88 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF100712.D
 Acq: 18 Nov 2017 10:24

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-111517

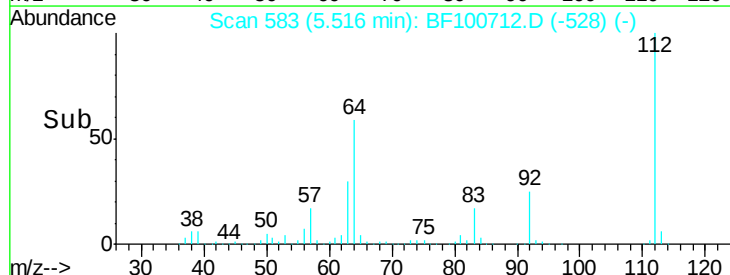
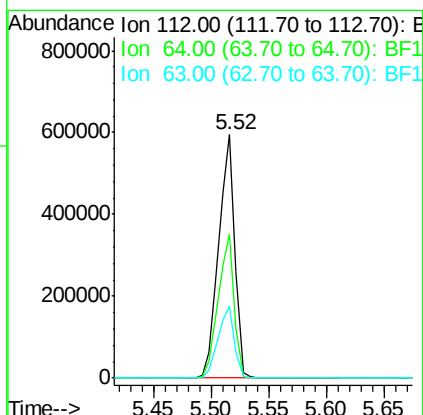
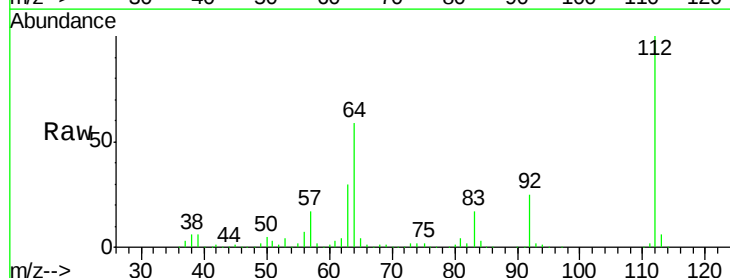
Tgt Ion:152 Resp: 94584
 Ion Ratio Lower Upper
 152 100
 150 154.7 124.6 186.8
 115 57.8 50.1 75.1



#5

2-Fluorophenol
 Concen: 97.86 ng
 RT: 5.52 min Scan# 583
 Delta R.T. 0.02 min
 Lab File: BF100712.D
 Acq: 18 Nov 2017 10:24

Tgt Ion:112 Resp: 577424
 Ion Ratio Lower Upper
 112 100
 64 59.1 47.9 71.9
 63 29.7 23.7 35.5





#7

Phenol-d6

Concen: 84.93 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF100712.D

Acq: 18 Nov 2017 10:24

Instrument :

BNA_F

ClientSampleId :

BU-02-111517

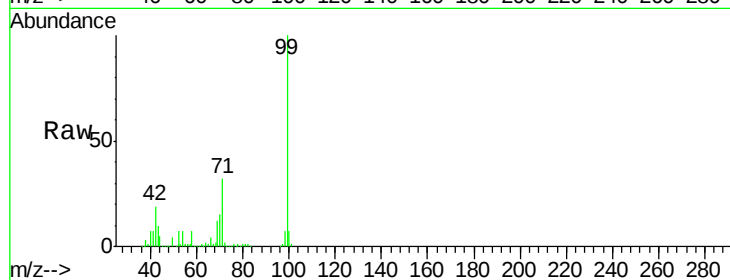
Tgt Ion: 99 Resp: 617978

Ion Ratio Lower Upper

99 100

42 19.1 14.5 21.7

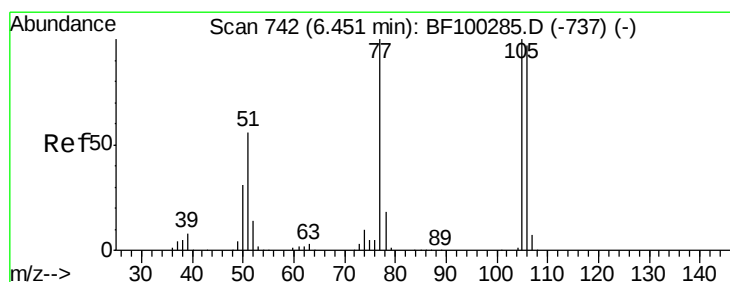
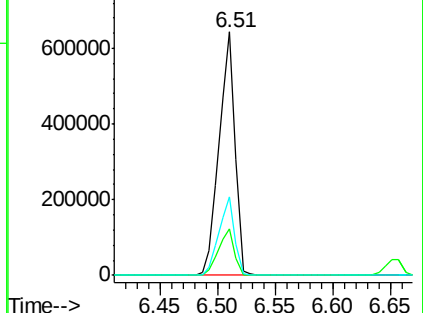
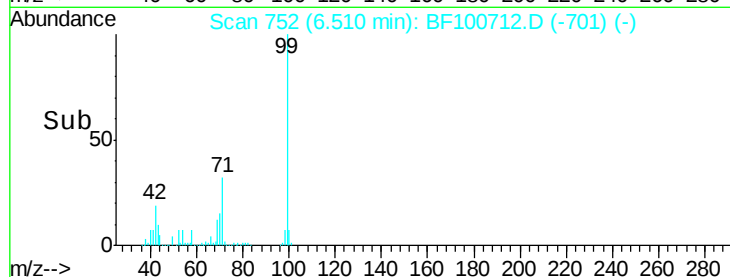
71 32.2 25.4 38.0



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: 2.47 ng

RT: 6.66 min Scan# 777

Delta R.T. 0.22 min

Lab File: BF100712.D

Acq: 18 Nov 2017 10:24

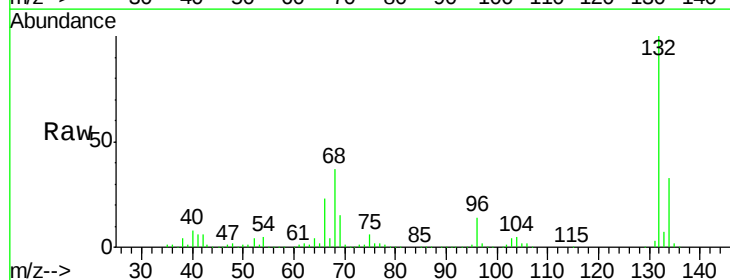
Tgt Ion: 77 Resp: 12812

Ion Ratio Lower Upper

77 100

105 82.1 81.1 121.1

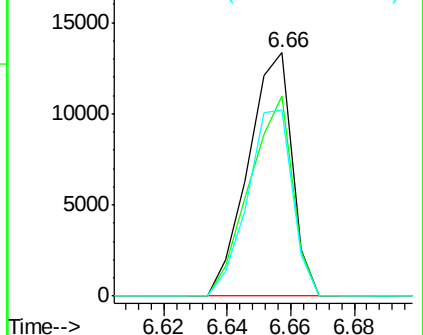
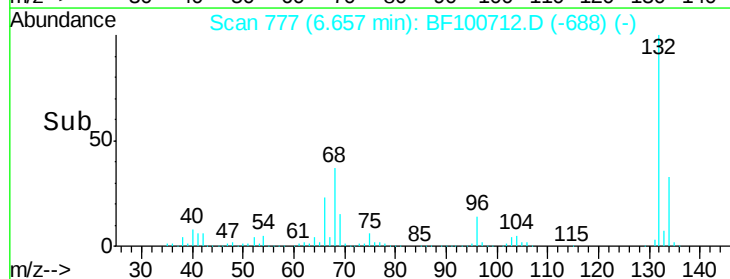
106 76.6 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#19

n-Nitroso-di-n-propylamine

Concen: 12.12 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.15 min

Lab File: BF100712.D

Acq: 18 Nov 2017 10:24

Instrument :

BNA_F

ClientSampleId :

BU-02-111517

Tgt Ion: 70 Resp: 61155

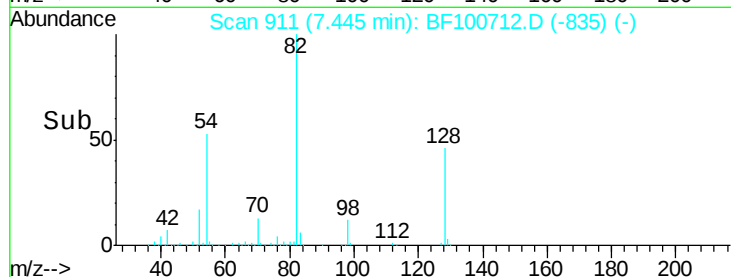
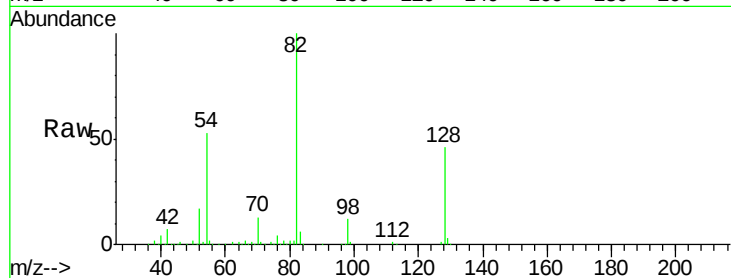
Ion Ratio Lower Upper

70 100

42 50.0 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

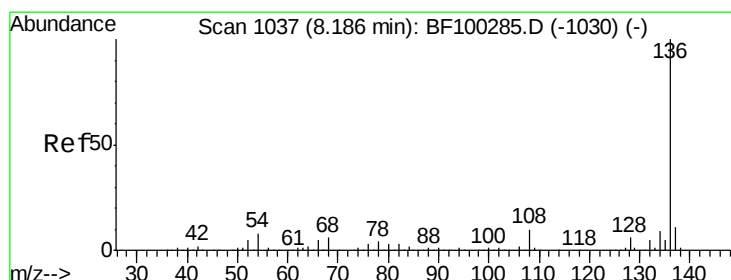
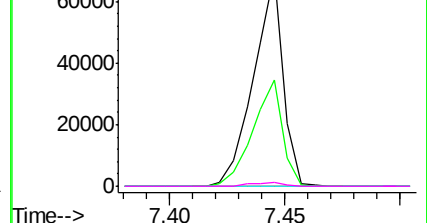


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF100712.D

Acq: 18 Nov 2017 10:24

Tgt Ion: 136 Resp: 364523

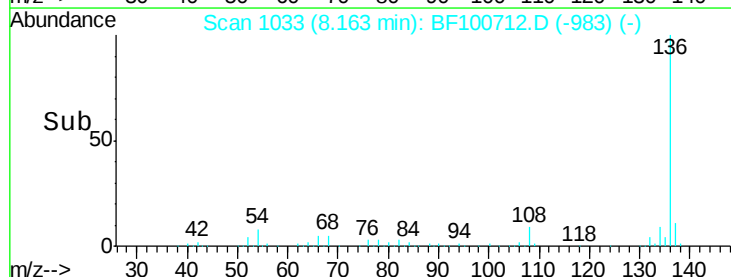
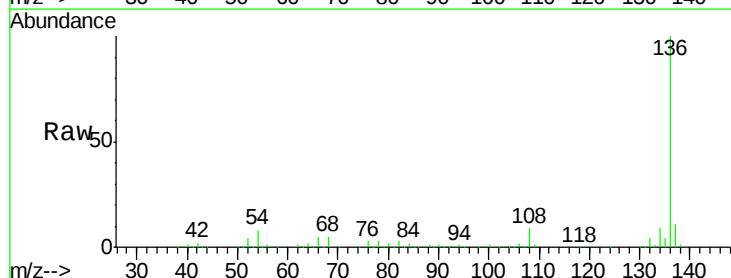
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.5 6.6 9.8

68 5.1 5.0 7.4

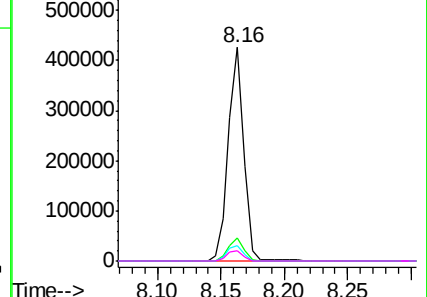


Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

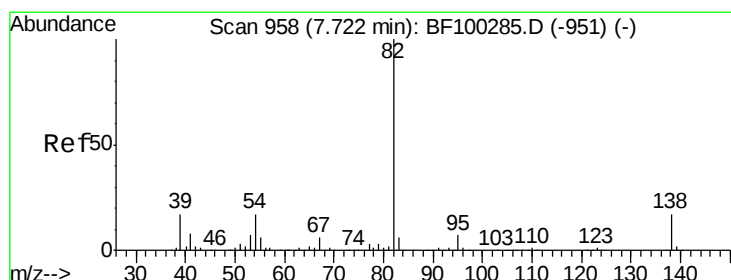
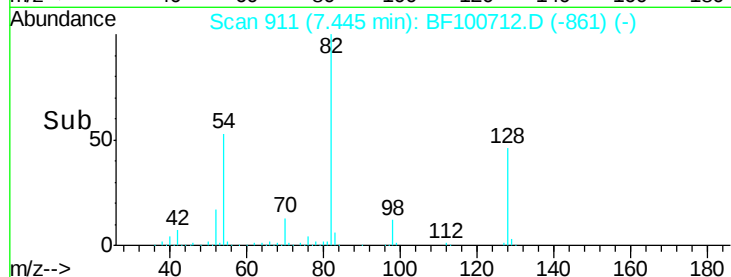
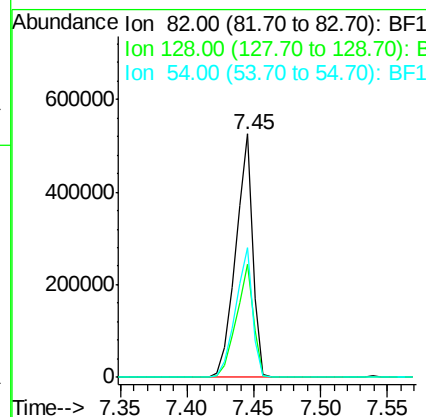
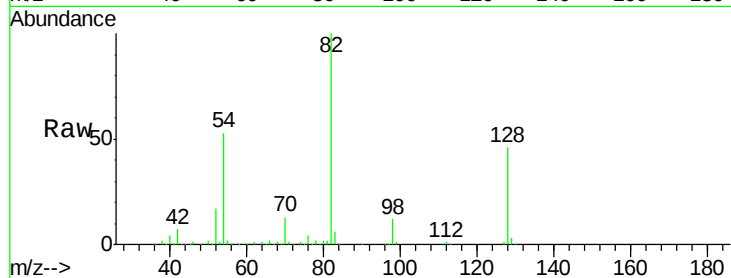




#23
 Nitrobenzene-d5
 Concen: 86.39 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF100712.D
 Acq: 18 Nov 2017 10:24

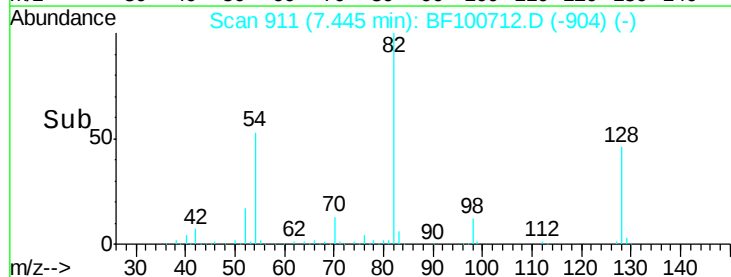
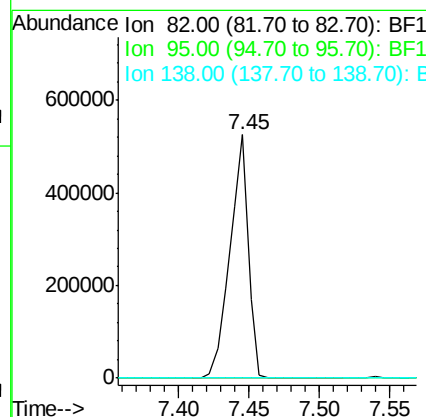
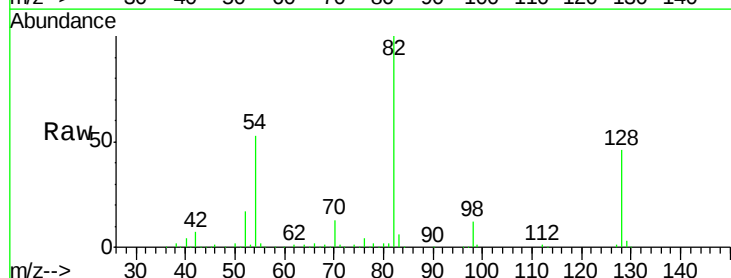
Instrument :
 BNA_F
 ClientSampleId :
 BU-02-111517

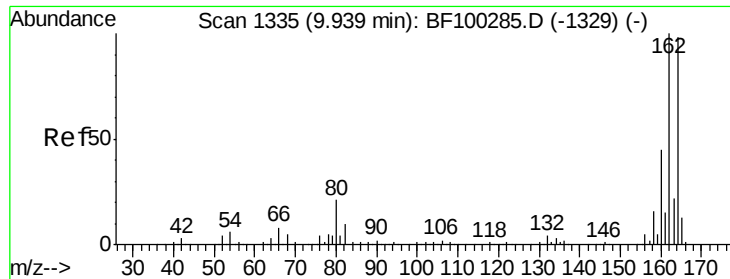
Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.1	54.1
54	53.0	41.4	62.2



#25
 Isophorone
 Concen: 41.11 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.26 min
 Lab File: BF100712.D
 Acq: 18 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#

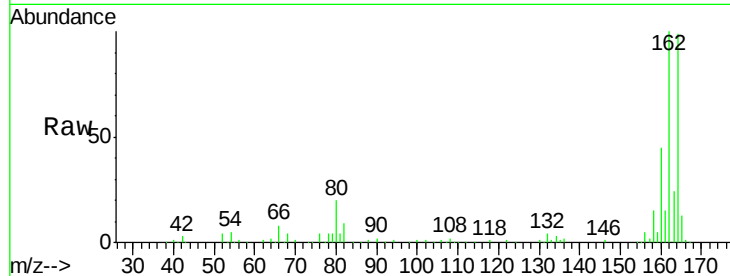




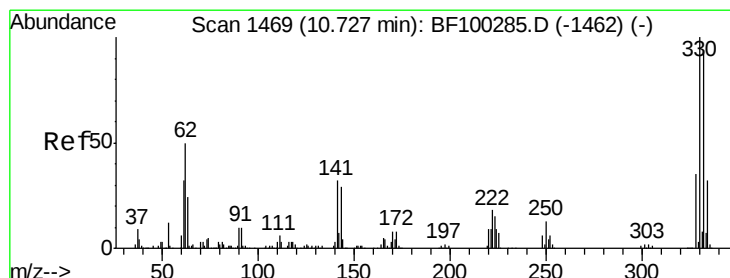
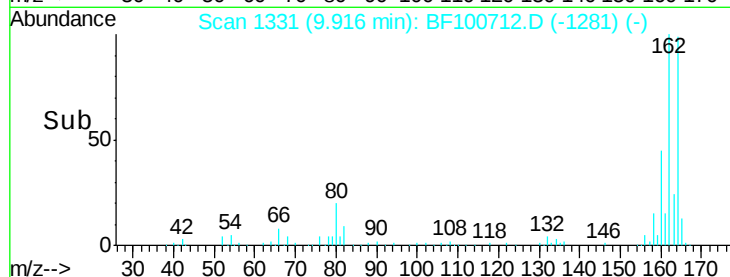
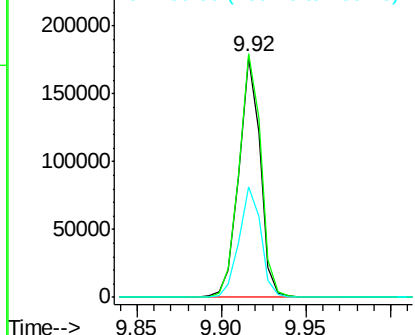
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF100712.D
 Acq: 18 Nov 2017 10:24

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-111517

Tgt Ion:164 Resp: 155092
 Ion Ratio Lower Upper
 164 100
 162 101.4 86.1 129.1
 160 46.0 38.3 57.5

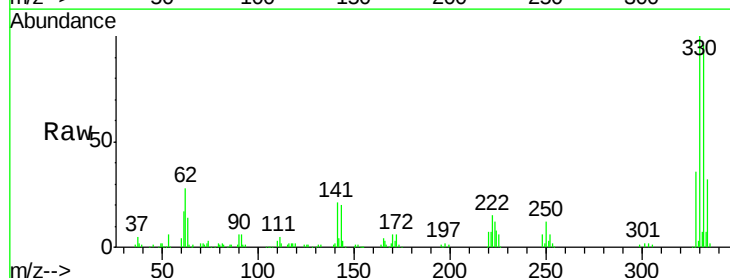


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

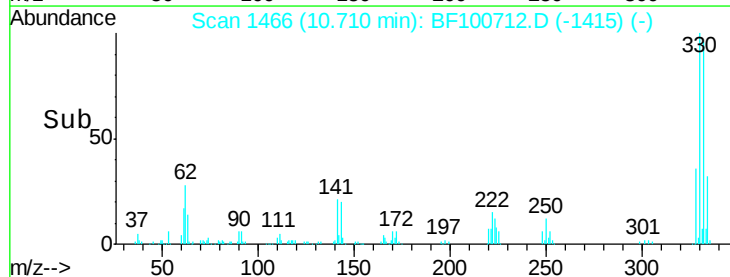
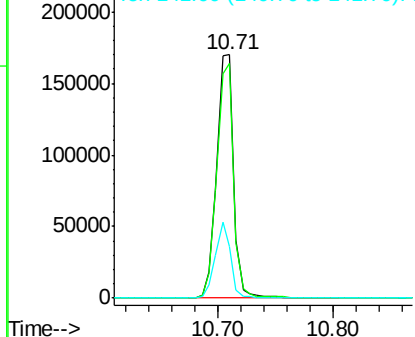


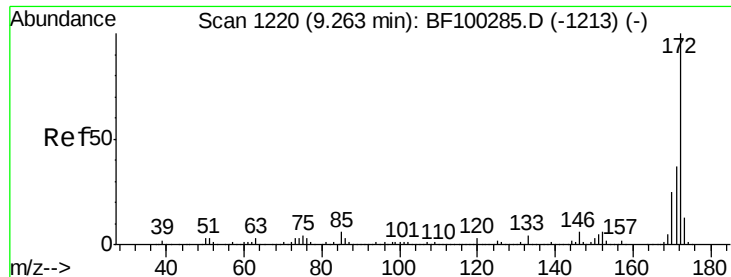
#41
 2,4,6-Tribromophenol
 Concen: 109.85 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BF100712.D
 Acq: 18 Nov 2017 10:24

Tgt Ion:330 Resp: 173605
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 27.9 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

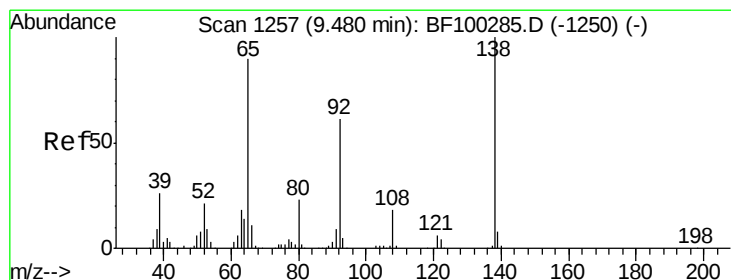
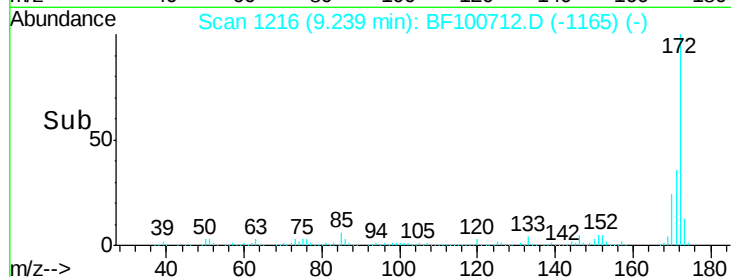
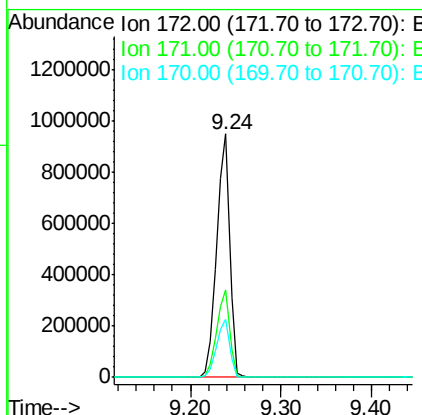
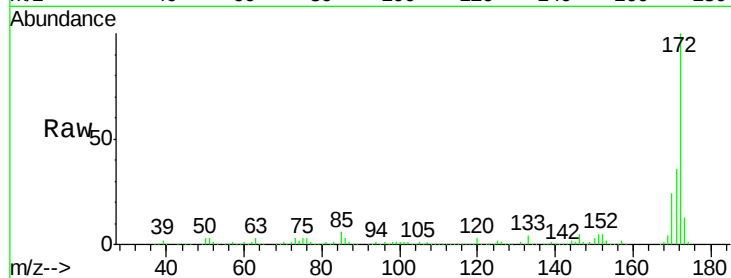




#44
 2-Fluorobiphenyl
 Concen: 92.32 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.00 min
 Lab File: BF100712.D
 Acq: 18 Nov 2017 10:24

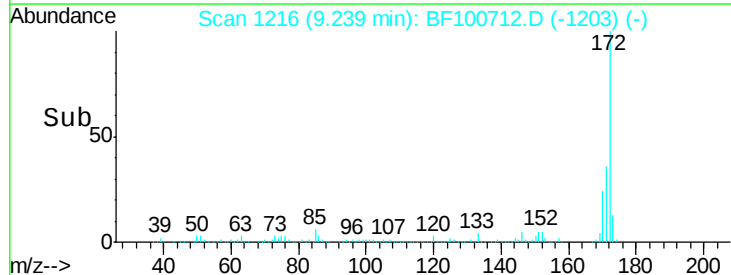
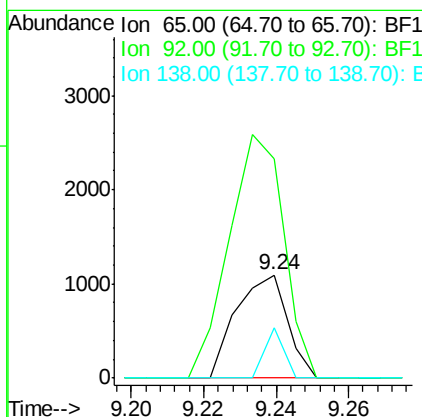
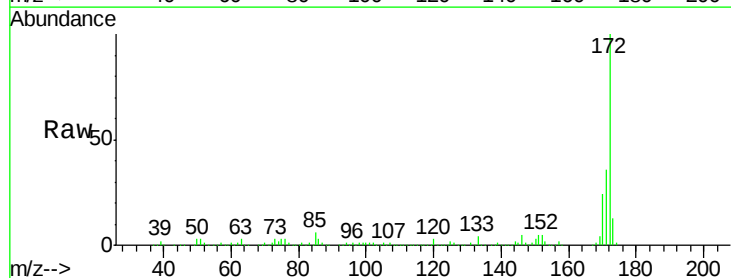
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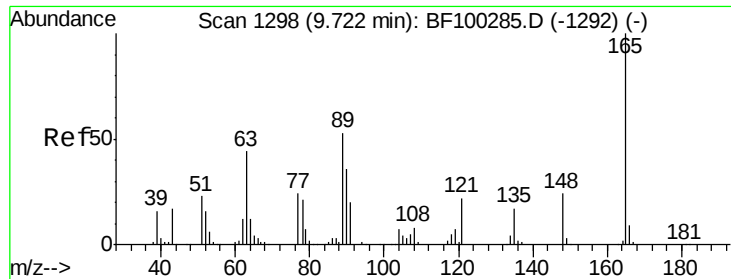
Tgt Ion: 172 Resp: 940307
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 24.0 19.6 29.4



#47
 2-Nitroaniline
 Concen: 3.14 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.22 min
 Lab File: BF100712.D
 Acq: 18 Nov 2017 10:24

Tgt Ion: 65 Resp: 1072
 Ion Ratio Lower Upper
 65 100
 92 213.3 55.8 83.6#
 138 48.4 91.2 136.8#

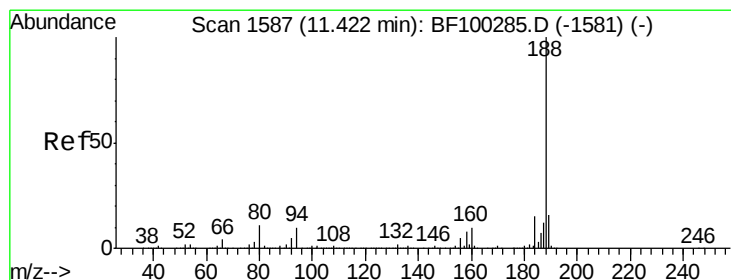
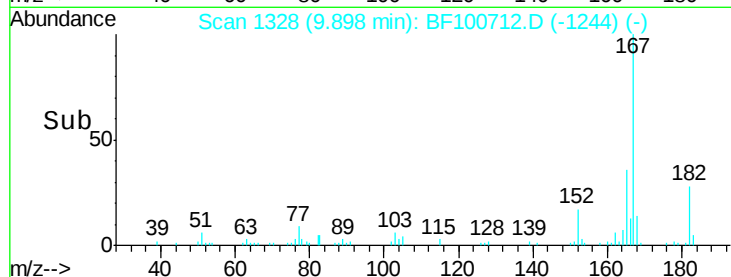
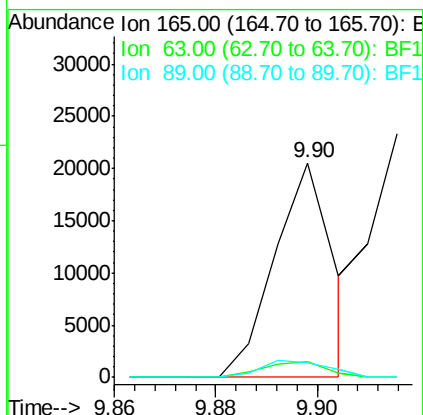
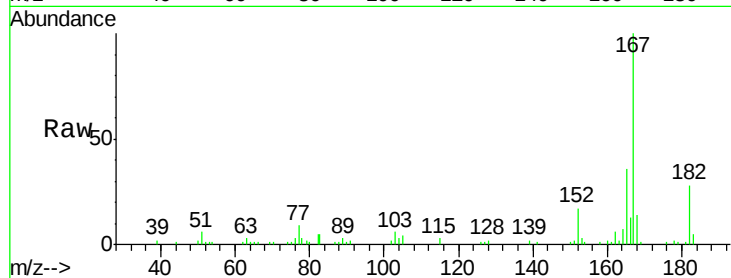




#50
 2,6-Dinitrotoluene
 Concen: 6.96 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.19 min
 Lab File: BF100712.D
 Acq: 18 Nov 2017 10:24

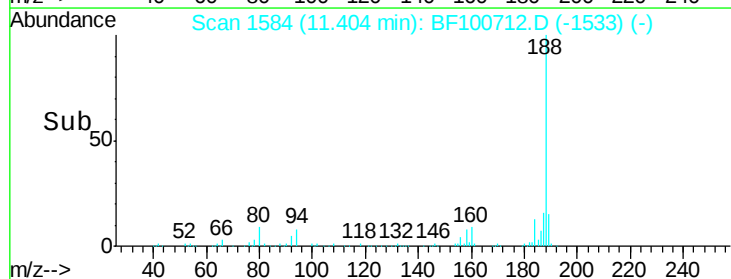
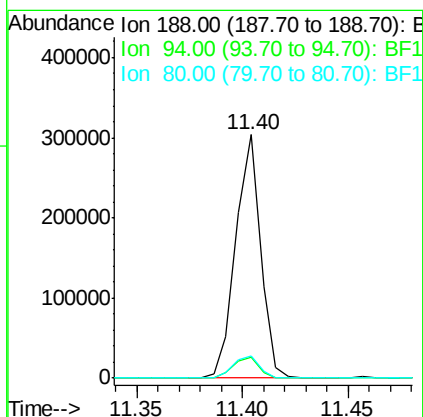
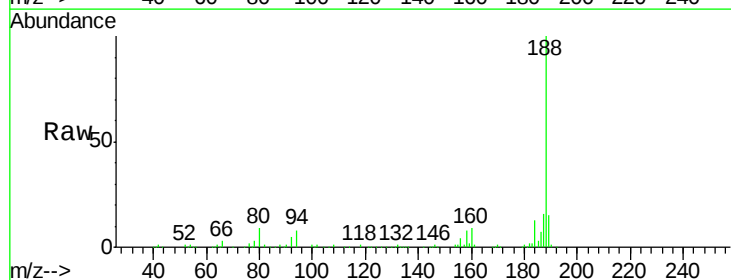
Instrument :
 BNA_F
 ClientSampleId :
 BU-02-111517

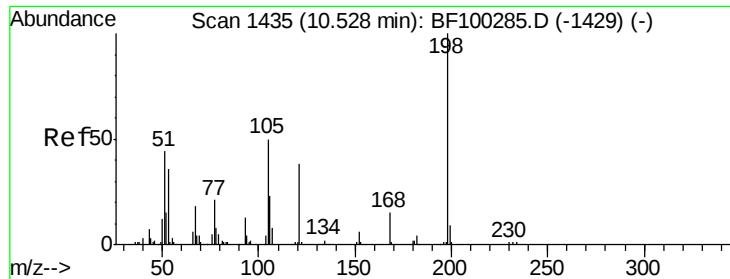
Tgt Ion	Ratio	Lower	Upper
165	100		
63	7.7	44.7	67.1#
89	7.0	44.0	66.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF100712.D
 Acq: 18 Nov 2017 10:24

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.5	12.7#
80	9.0	9.2	13.8#

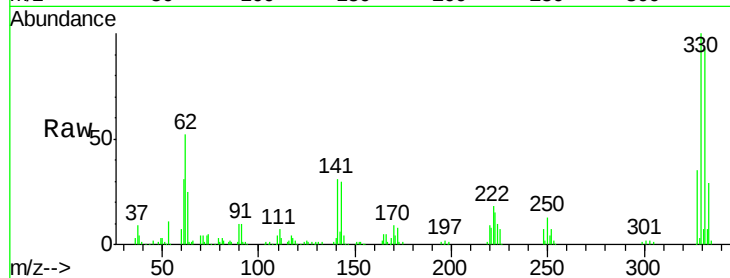




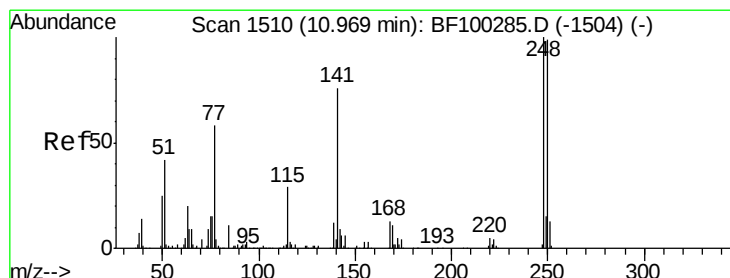
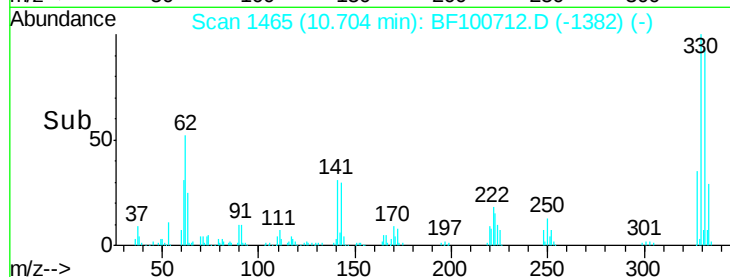
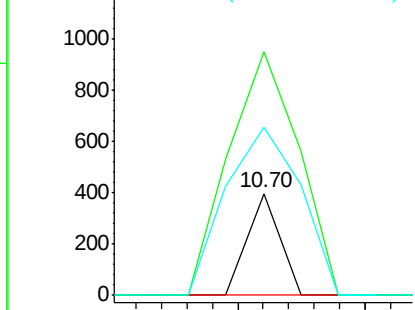
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.66 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.19 min
 Lab File: BF100712.D
 Acq: 18 Nov 2017 10:24

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-111517

Tgt Ion:198 Resp: 140
 Ion Ratio Lower Upper
 198 100
 51 238.4 37.7 77.7#
 105 164.6 36.3 76.3#

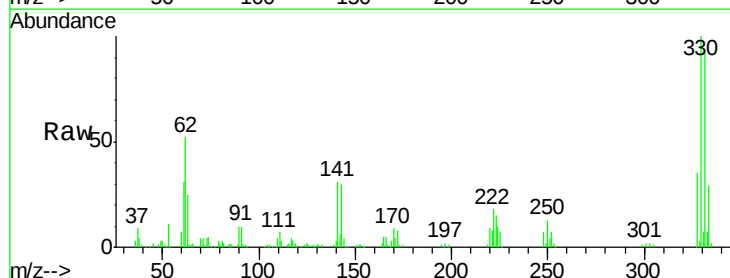


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

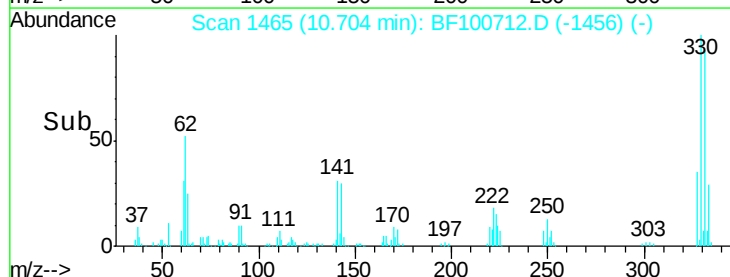
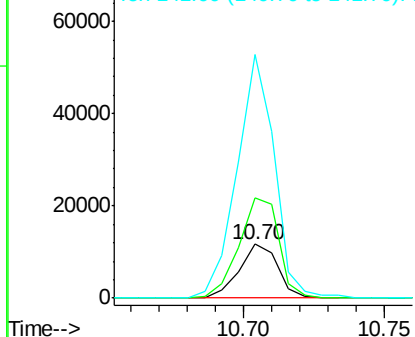


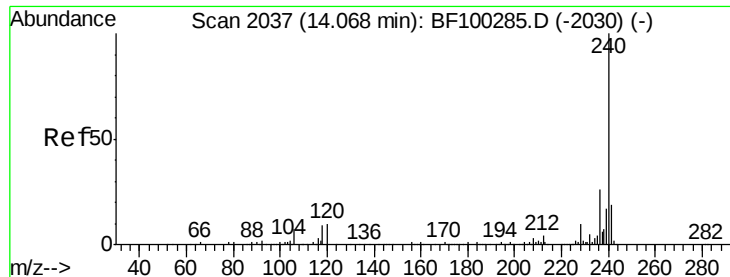
#66
 4-Bromophenyl-phenylether
 Concen: 4.19 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.25 min
 Lab File: BF100712.D
 Acq: 18 Nov 2017 10:24

Tgt Ion:248 Resp: 11091
 Ion Ratio Lower Upper
 248 100
 250 185.9 76.9 115.3#
 141 450.3 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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF100712.D

Acq: 18 Nov 2017 10:24

Instrument :

BNA_F

ClientSampleId :

BU-02-111517

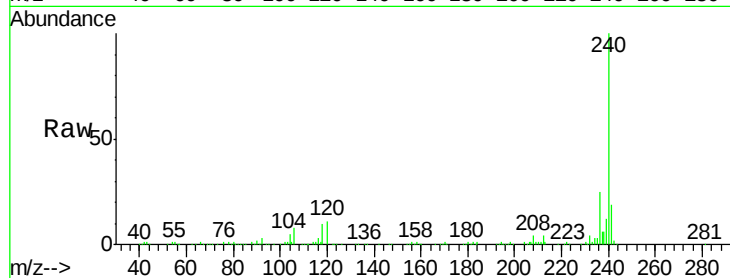
Tgt Ion:240 Resp: 210453

Ion Ratio Lower Upper

240 100

120 11.4 9.5 14.3

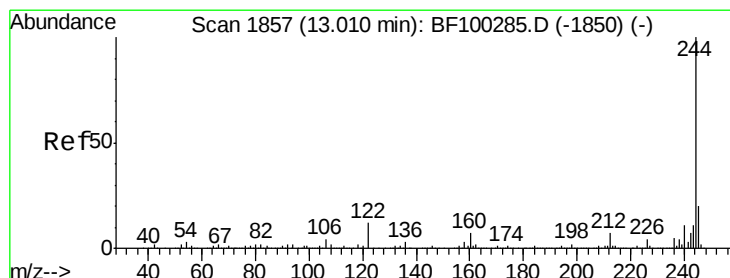
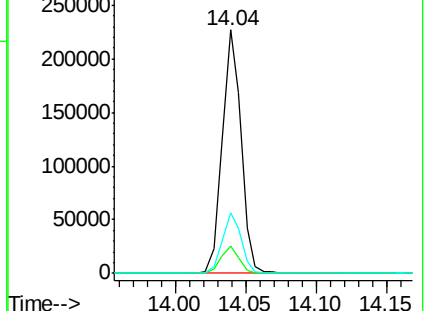
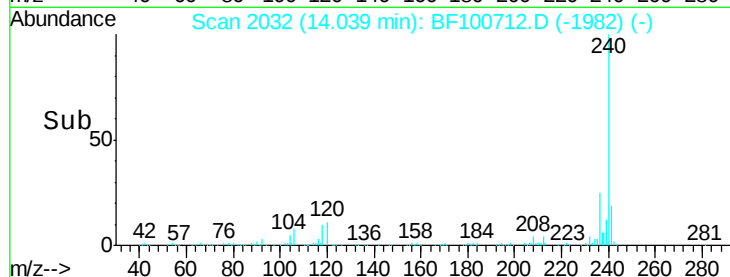
236 25.0 20.7 31.1



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: 78.32 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF100712.D

Acq: 18 Nov 2017 10:24

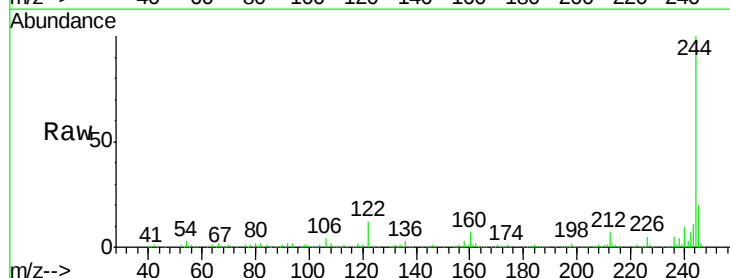
Tgt Ion:244 Resp: 717387

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

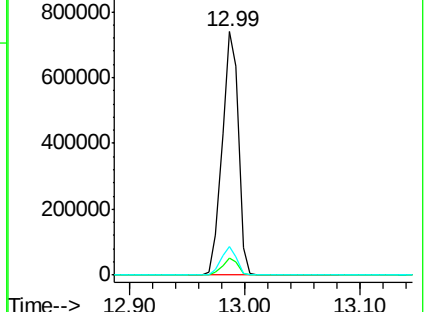
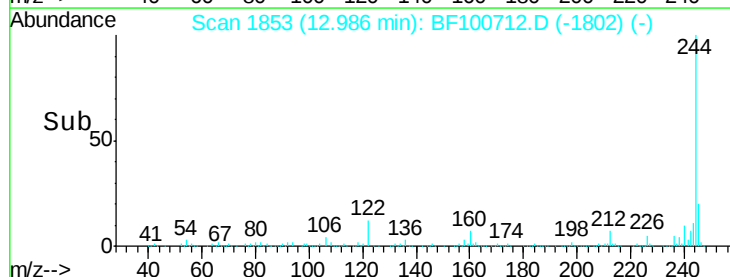
122 11.8 11.0 16.4

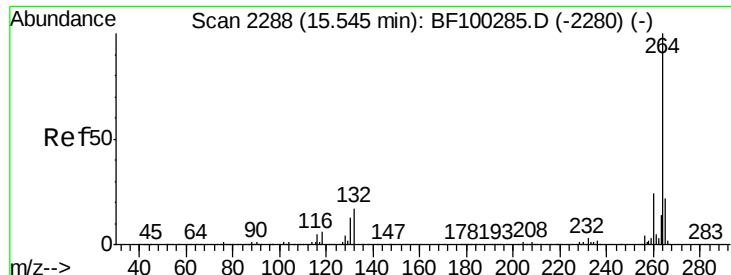


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

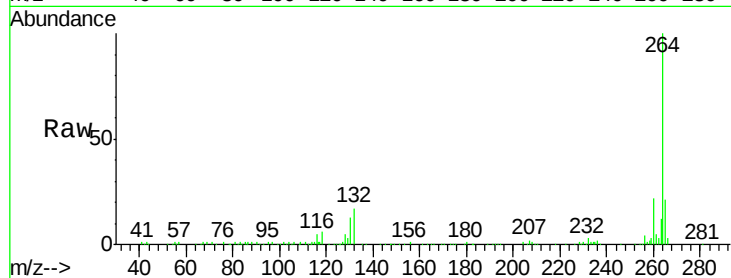




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BF100712.D
Acq: 18 Nov 2017 10:24

Instrument :
BNA_F
ClientSampleId :
BU-02-111517

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.8	19.2	28.8
265	20.5	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

