

Data File : BF100661.D
Acq On : 17 Nov 2017 5:54
Operator : SJ/JU
Sample : I6491-06
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
111317-SIDI-E-D-S

Quant Time: Nov 17 06:22:59 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	95483	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	353162	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	152173	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	241121	20.00	ng	0.00
75) Chrysene-d12	14.04	240	204892	20.00	ng	0.00
86) Perylene-d12	15.52	264	206710	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	252254	42.35	ng	0.00
7) Phenol-d6	6.50	99	186213	25.35	ng	-0.01
23) Nitrobenzene-d5	7.45	82	586896	109.87	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	130421	84.11	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1080395	108.11	ng	0.00
78) Terphenyl-d14	12.99	244	719866	80.73	ng	0.00

Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.45	70	76438	15.01	ng	# 81
25) Isophorone	7.45	82	586611	52.26	ng	# 64
47) 2-Nitroaniline	9.24	65	1469	3.27	ng	# 1
50) 2,6-Dinitrotoluene	9.92	165	19223	8.36	ng	# 24
56) 2,4-Dinitrotoluene	9.92	165	19223	6.63	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.70	198	125	8.65	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	8189	3.17	ng	# 1

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

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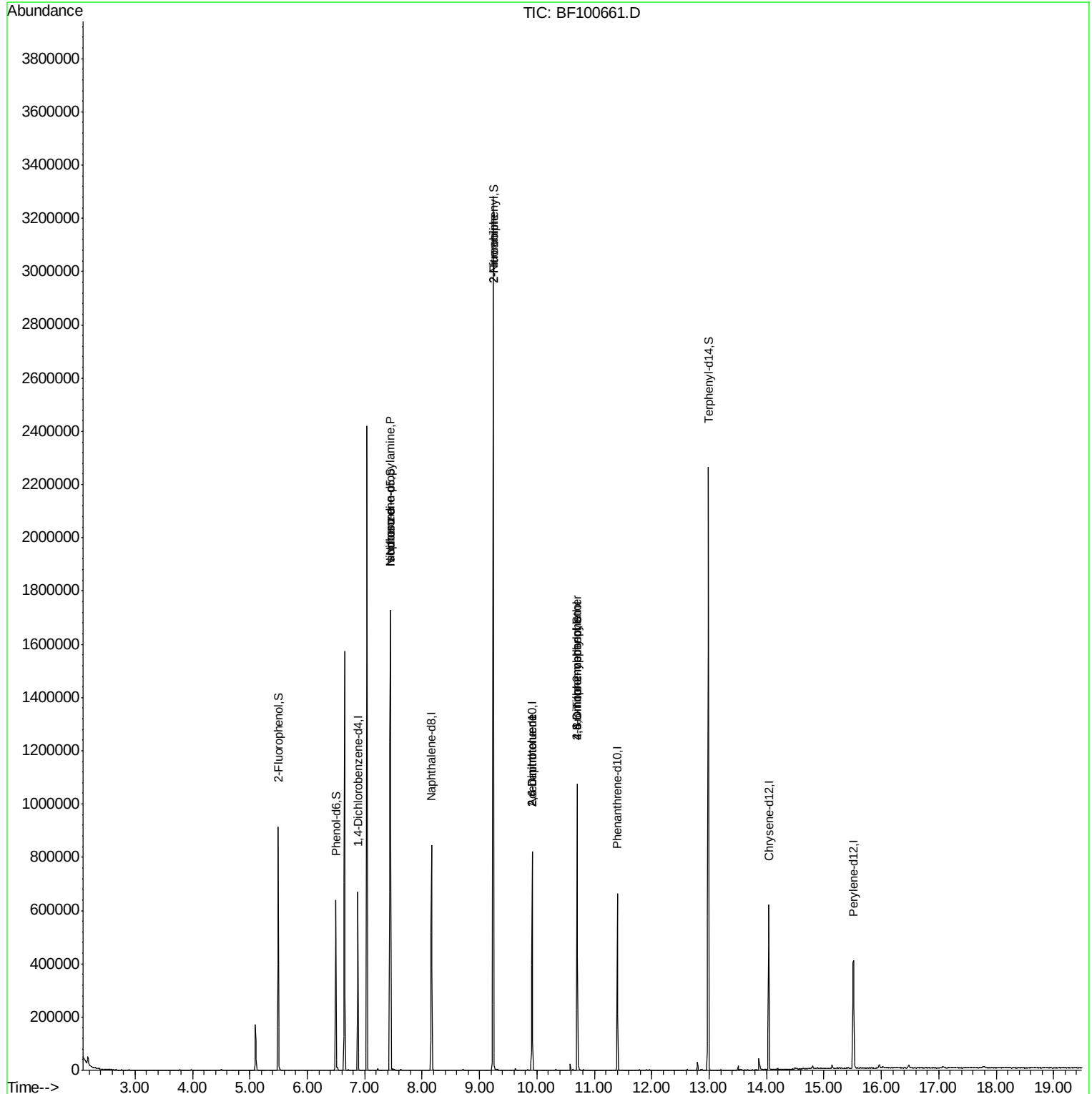
Quant Time: Nov 17 06:22:59 2017

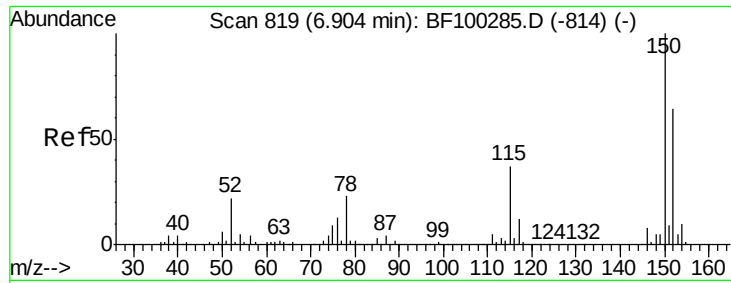
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Nov 16 12:15:03 2017

Response via : Initial Calibration

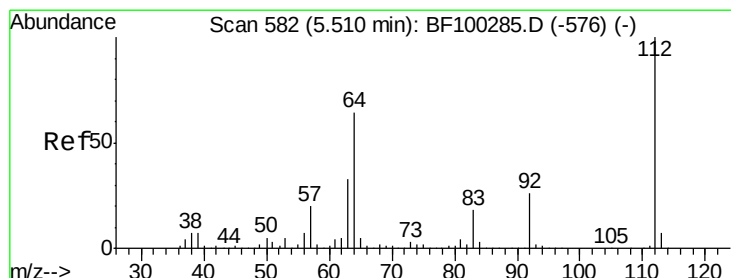
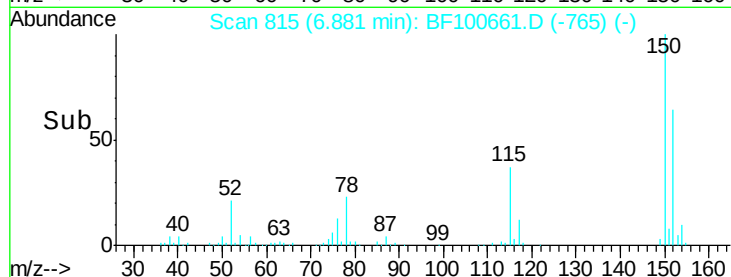
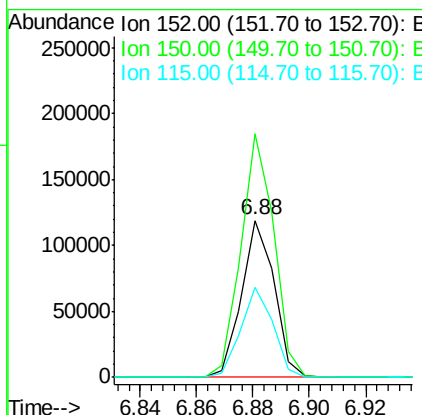
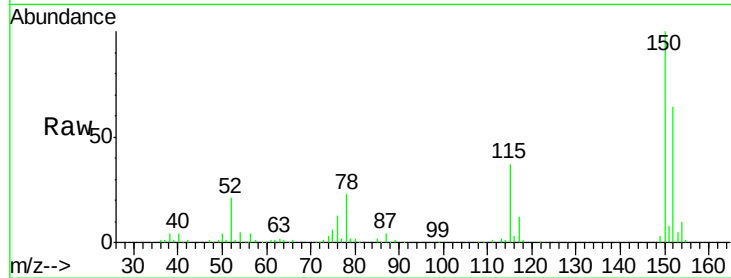




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF100661.D
 Acq: 17 Nov 2017 5:54

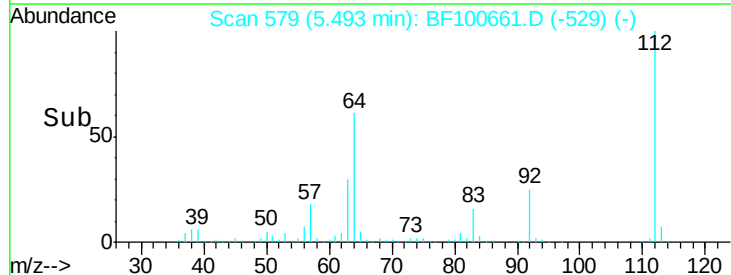
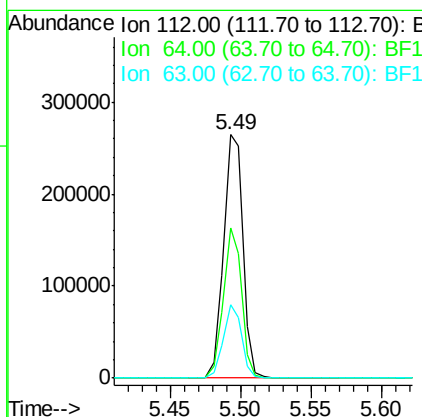
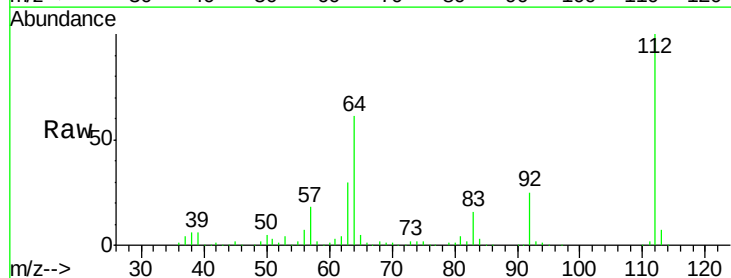
Instrument :
 BNA_F
 ClientSampleId :
 111317-SIDI-E-D-S

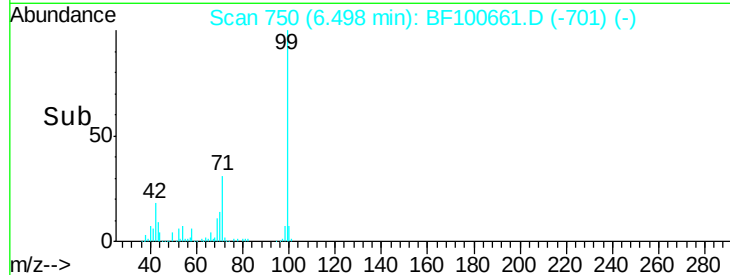
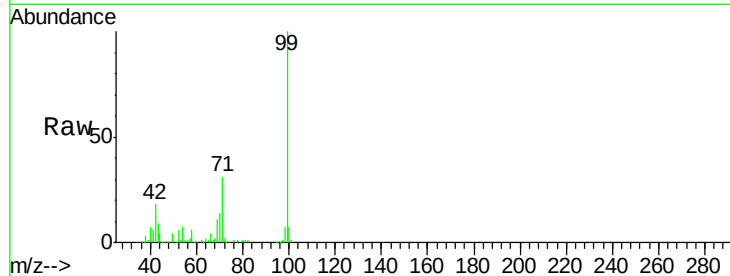
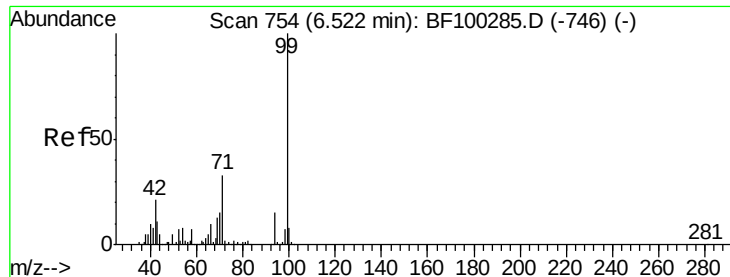
Tgt Ion:152 Resp: 95483
 Ion Ratio Lower Upper
 152 100
 150 155.4 124.6 186.8
 115 57.5 50.1 75.1



#5
 2-Fluorophenol
 Concen: 42.35 ng
 RT: 5.49 min Scan# 579
 Delta R.T. -0.01 min
 Lab File: BF100661.D
 Acq: 17 Nov 2017 5:54

Tgt Ion:112 Resp: 252254
 Ion Ratio Lower Upper
 112 100
 64 61.5 47.9 71.9
 63 30.0 23.7 35.5





#7

Phenol-d6

Concen: 25.35 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF100661.D

Acq: 17 Nov 2017 5:54

Instrument :

BNA_F

ClientSampleId :

111317-SIDI-E-D-S

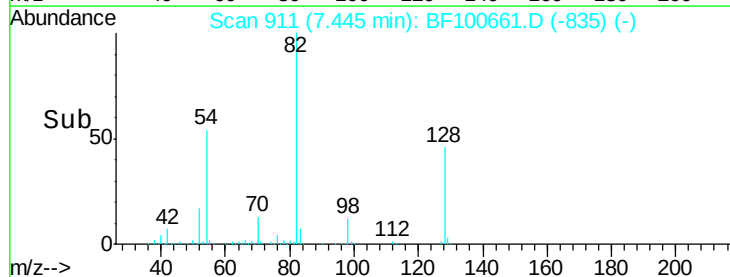
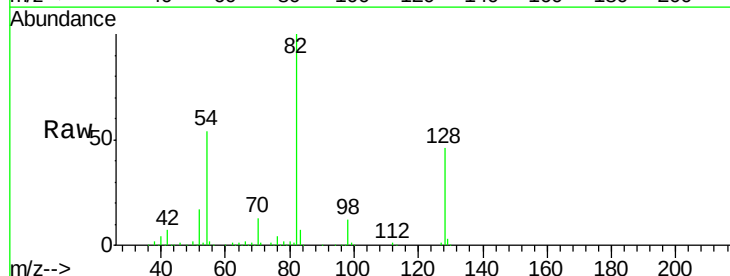
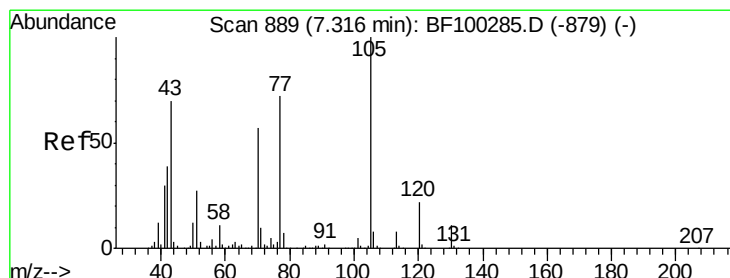
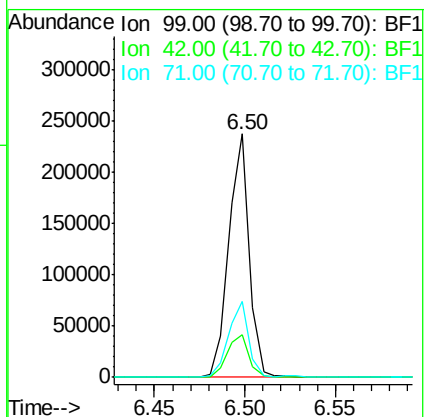
Tgt Ion: 99 Resp: 186213

Ion Ratio Lower Upper

99 100

42 17.5 14.5 21.7

71 31.0 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 15.01 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.15 min

Lab File: BF100661.D

Acq: 17 Nov 2017 5:54

Tgt Ion: 70 Resp: 76438

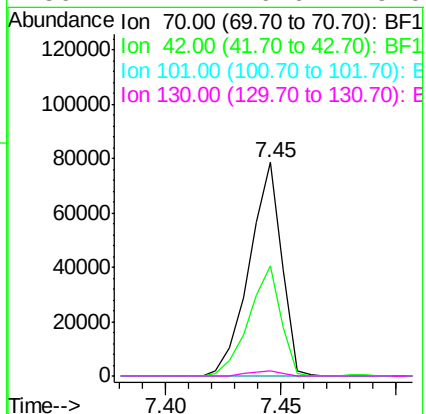
Ion Ratio Lower Upper

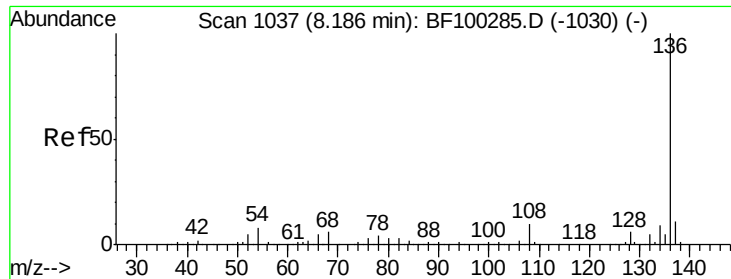
70 100

42 51.3 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

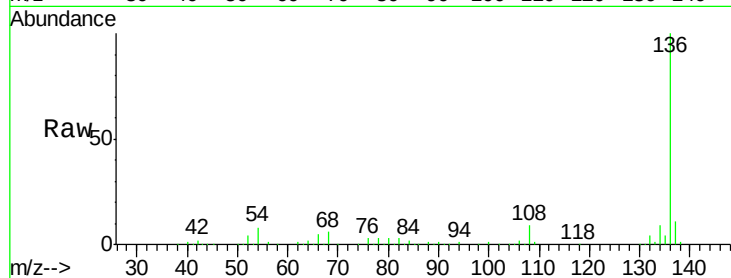




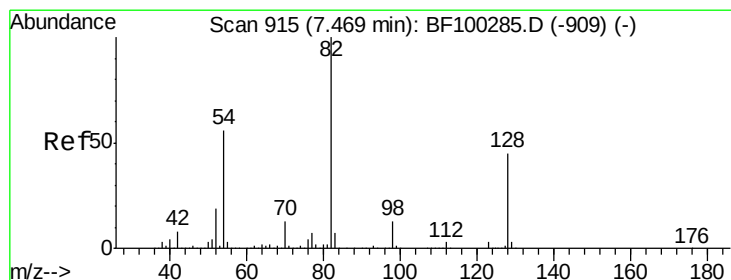
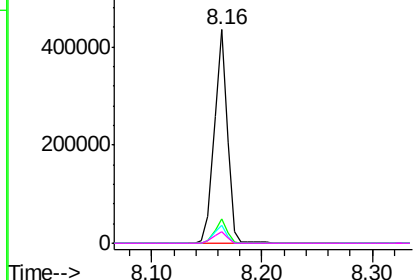
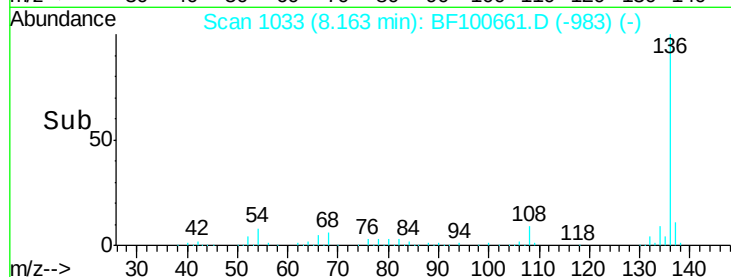
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100661.D
Acq: 17 Nov 2017 5:54

Instrument :
BNA_F
ClientSampleId :
111317-SIDI-E-D-S

Tgt Ion:	136	Resp:	353162
Ion Ratio	Lower	Upper	
136	100		
137	11.5	8.9	13.3
54	8.1	6.6	9.8
68	5.7	5.0	7.4

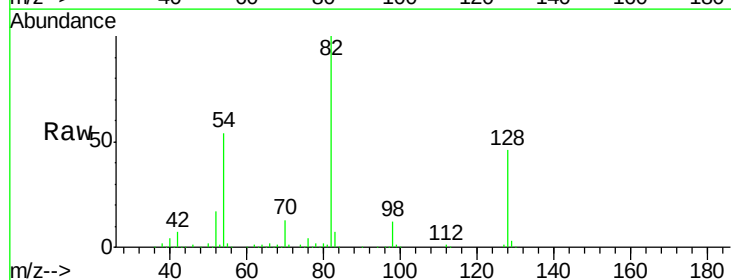


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

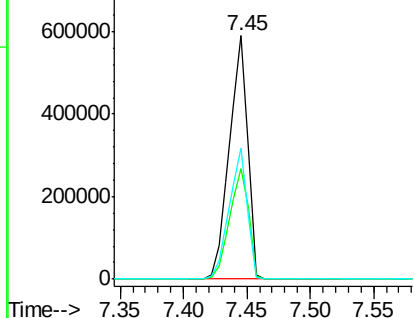
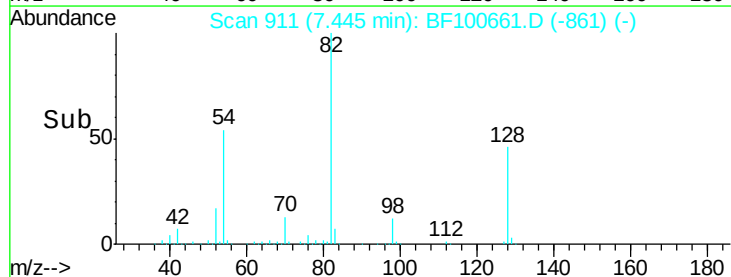


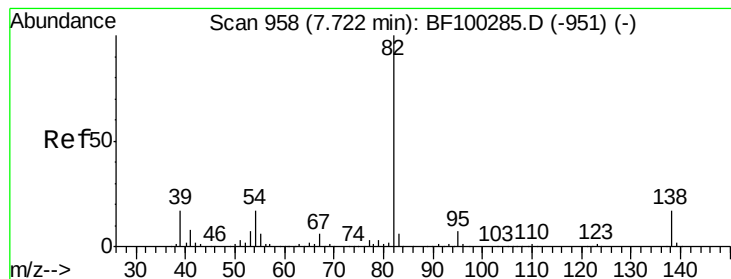
#23
Nitrobenzene-d5
Concen: 109.87 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100661.D
Acq: 17 Nov 2017 5:54

Tgt Ion:	82	Resp:	586896
Ion Ratio	Lower	Upper	
82	100		
128	45.6	36.1	54.1
54	53.6	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: 52.26 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.26 min

Lab File: BF100661.D

Acq: 17 Nov 2017 5:54

Instrument :

BNA_F

ClientSampleId :

111317-SIDI-E-D-S

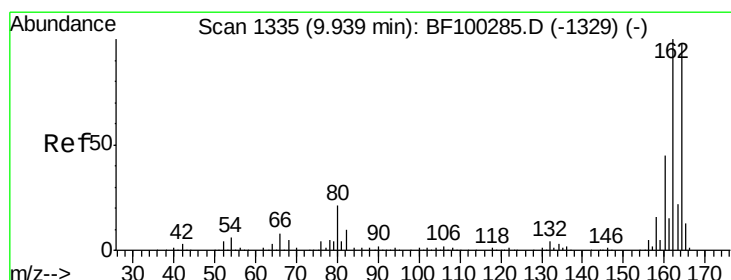
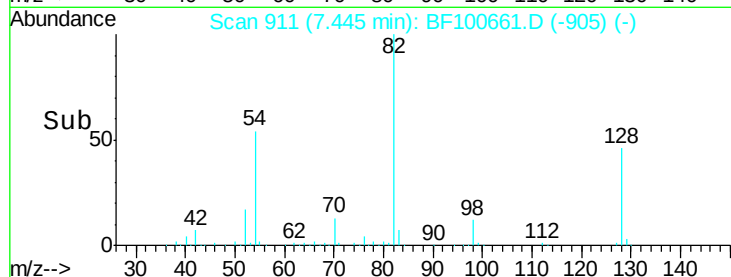
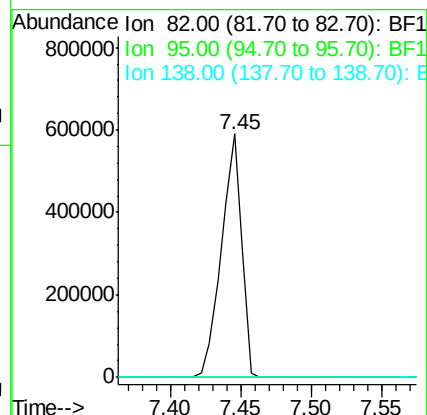
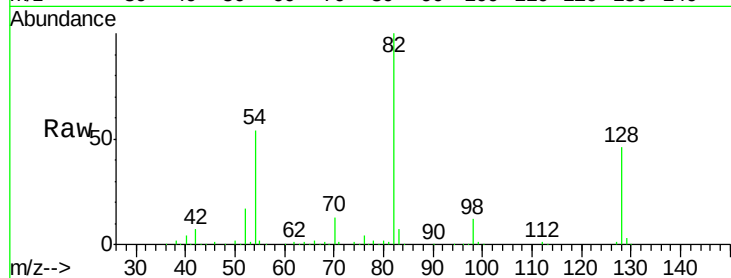
Tgt Ion: 82 Resp: 586611

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: BF100661.D

Acq: 17 Nov 2017 5:54

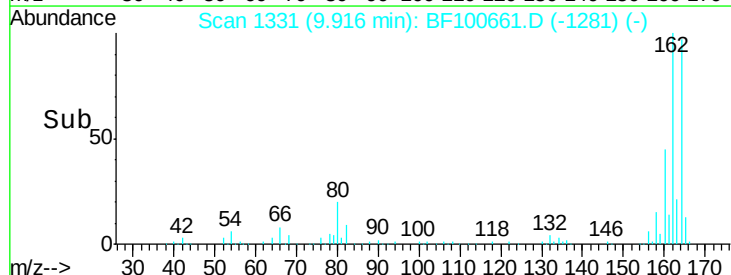
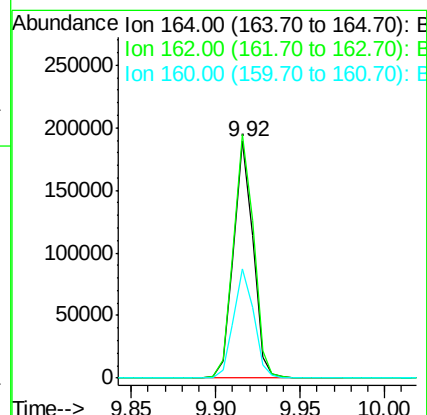
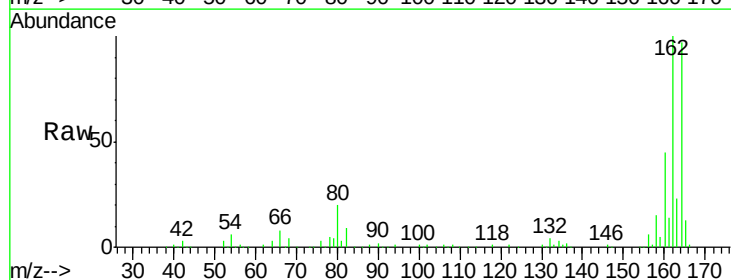
Tgt Ion: 164 Resp: 152173

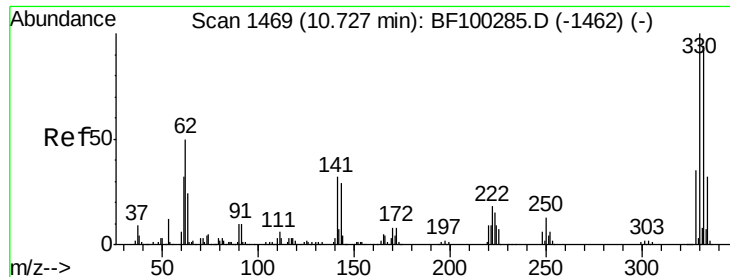
Ion Ratio Lower Upper

164 100

162 102.7 86.1 129.1

160 46.2 38.3 57.5

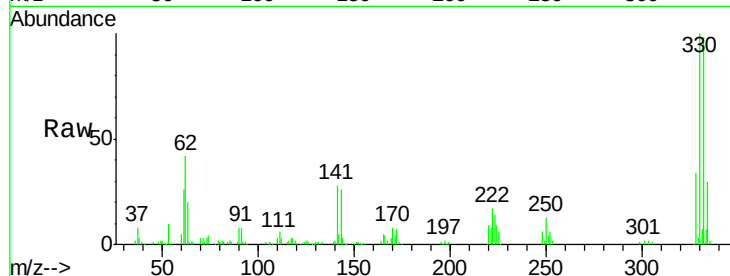




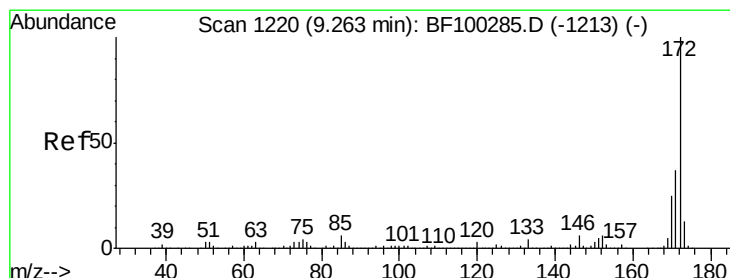
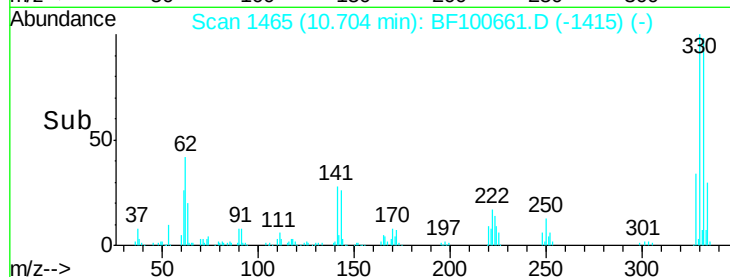
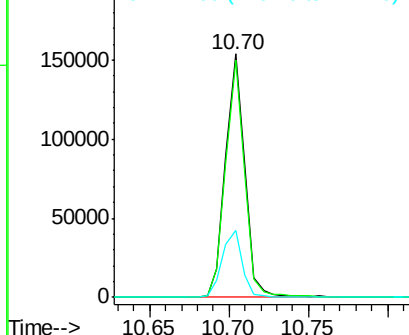
#41
 2,4,6-Tribromophenol
 Concen: 84.11 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100661.D
 Acq: 17 Nov 2017 5:54

Instrument :
 BNA_F
 ClientSampleId :
 111317-SIDI-E-D-S

Tgt Ion:330 Resp: 130421
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 28.8 29.9 44.9#

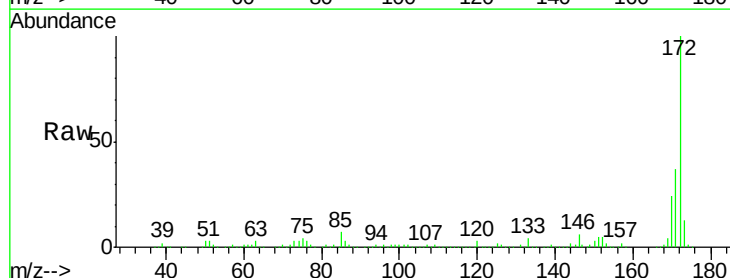


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

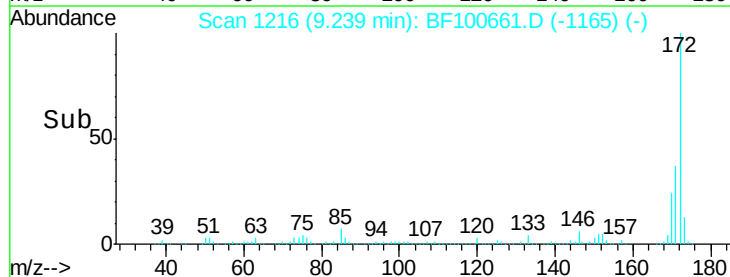
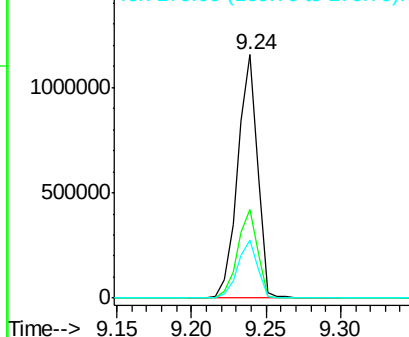


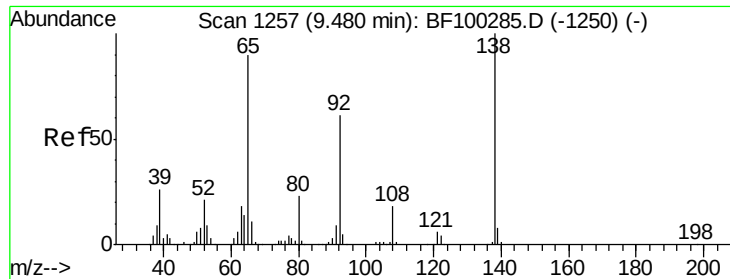
#44
 2-Fluorobiphenyl
 Concen: 108.11 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.00 min
 Lab File: BF100661.D
 Acq: 17 Nov 2017 5:54

Tgt Ion:172 Resp: 1080395
 Ion Ratio Lower Upper
 172 100
 171 36.5 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

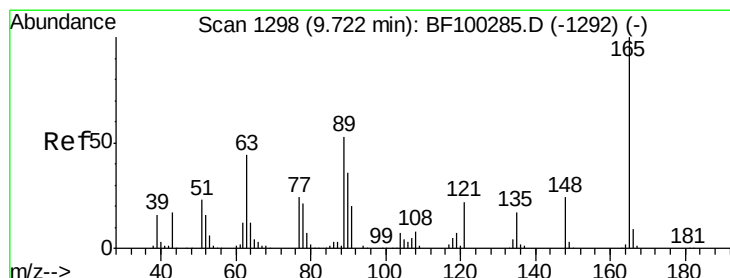
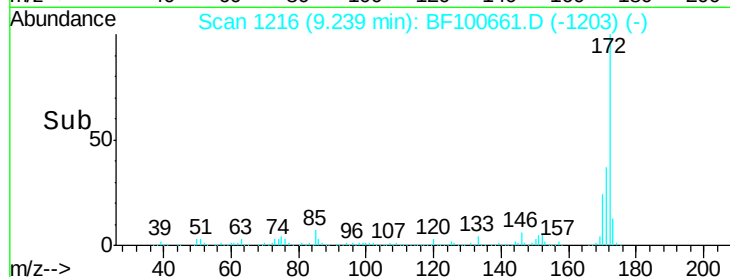
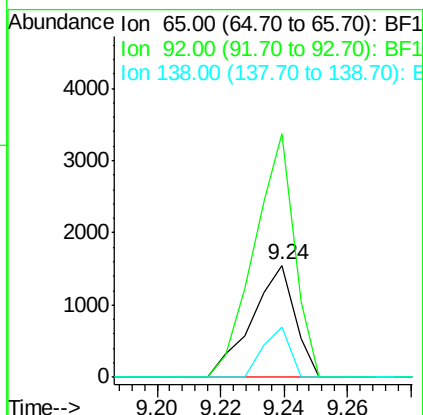
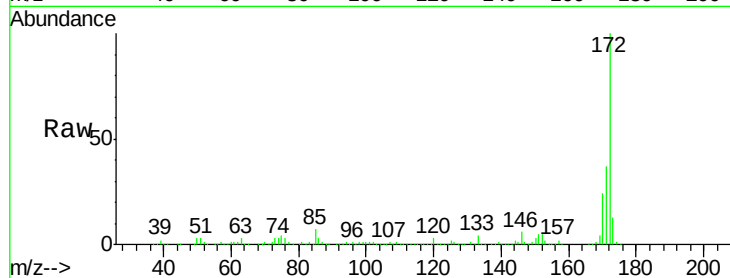




#47
 2-Nitroaniline
 Concen: 3.27 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.22 min
 Lab File: BF100661.D
 Acq: 17 Nov 2017 5:54

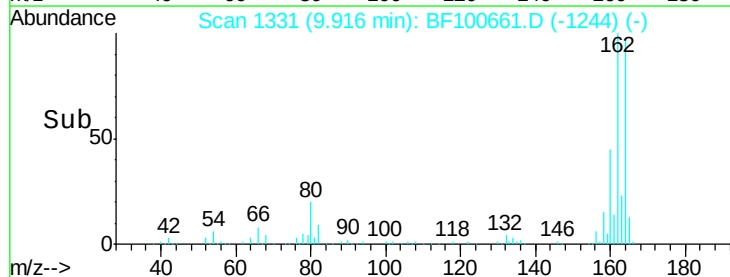
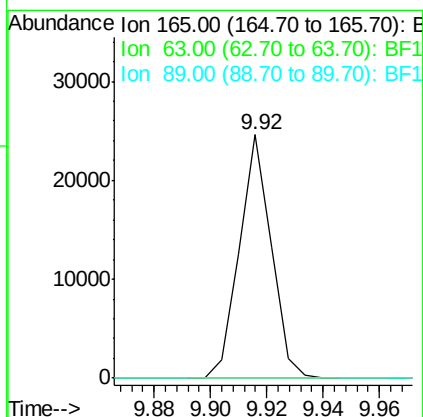
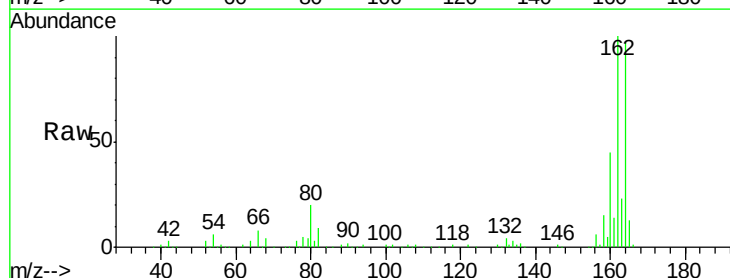
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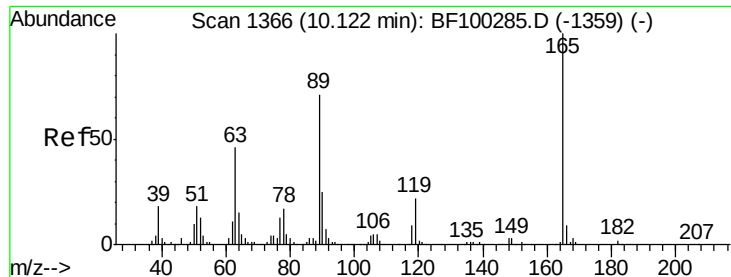
Tgt Ion: 65 Resp: 1469
 Ion Ratio Lower Upper
 65 100
 92 216.7 55.8 83.6#
 138 44.4 91.2 136.8#



#50
 2,6-Dinitrotoluene
 Concen: 8.36 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.21 min
 Lab File: BF100661.D
 Acq: 17 Nov 2017 5:54

Tgt Ion: 165 Resp: 19223
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#

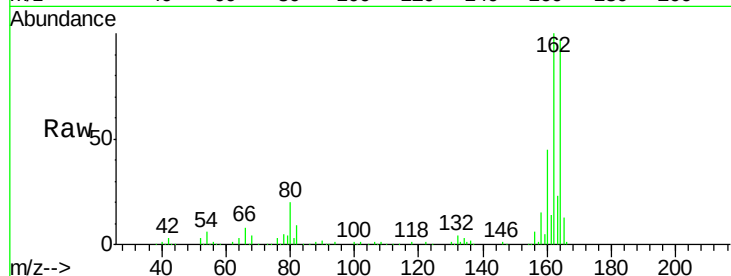




#56
2,4-Dinitrotoluene
Concen: 6.63 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF100661.D
Acq: 17 Nov 2017 5:54

Instrument :
BNA_F
ClientSampleId :
111317-SIDI-E-D-S

Tgt Ion:	165	Resp:	19223
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

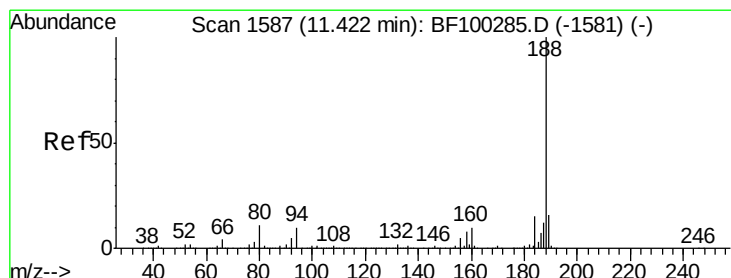
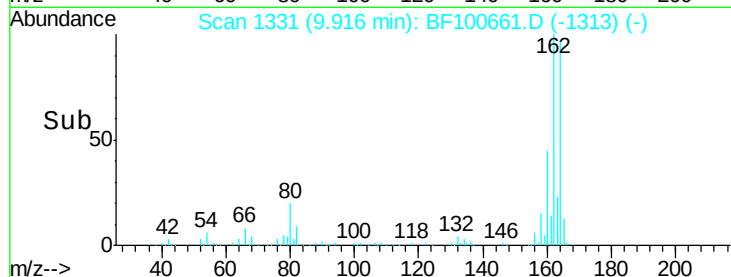
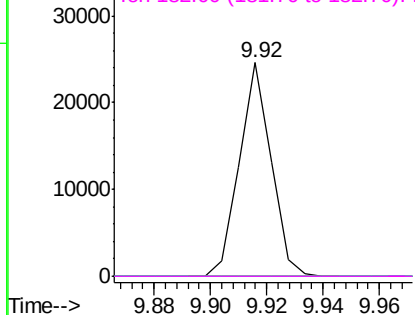


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

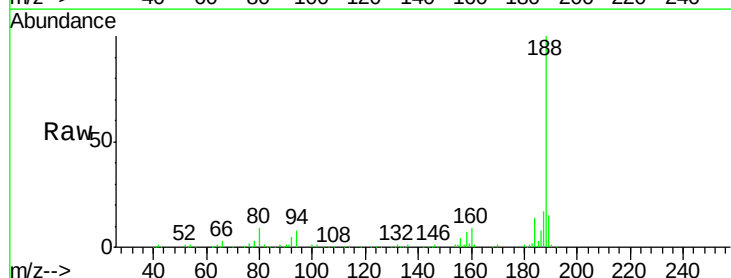
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF100661.D
Acq: 17 Nov 2017 5:54

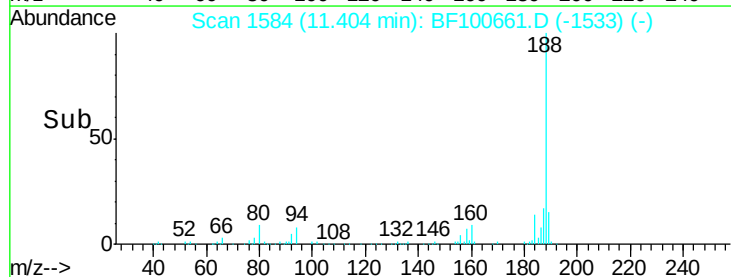
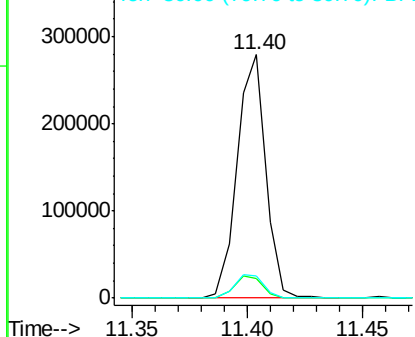
Tgt Ion:	188	Resp:	241121
Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.5	12.7#
80	8.9	9.2	13.8#

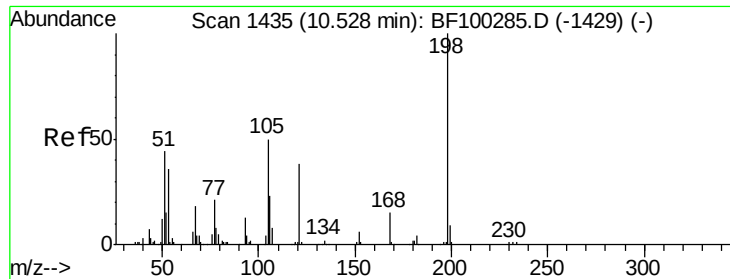


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

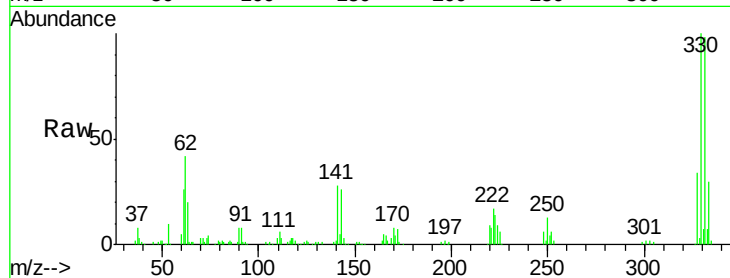




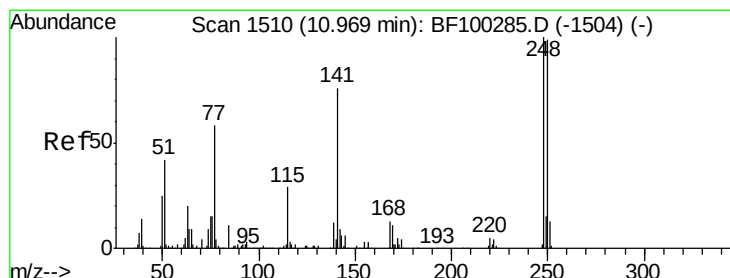
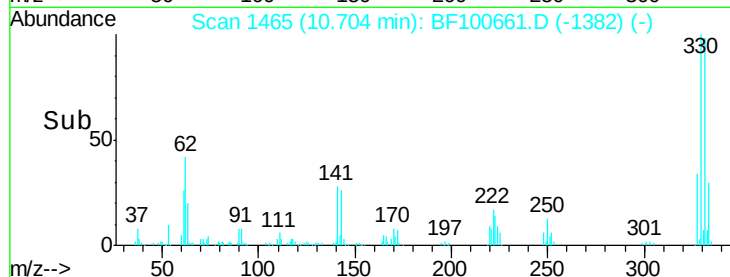
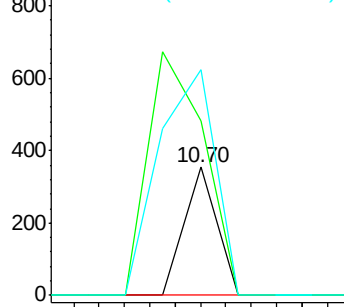
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.65 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.19 min
 Lab File: BF100661.D
 Acq: 17 Nov 2017 5:54

Instrument :
 BNA_F
 ClientSampleId :
 111317-SIDI-E-D-S

Tgt Ion:198 Resp: 125
 Ion Ratio Lower Upper
 198 100
 51 136.4 37.7 77.7#
 105 176.0 36.3 76.3#

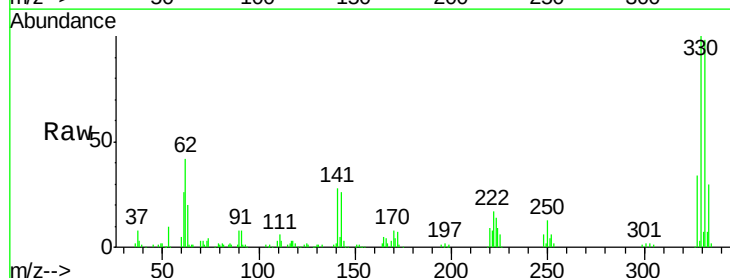


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

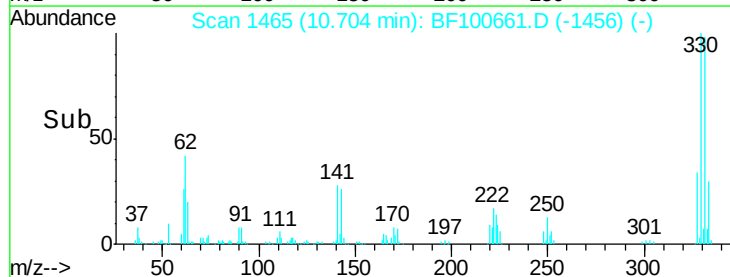
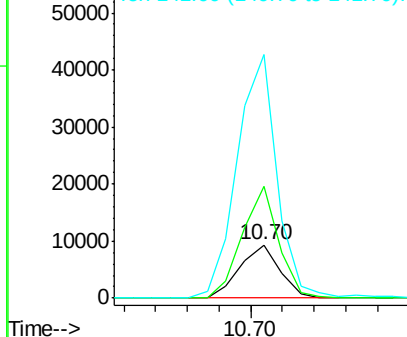


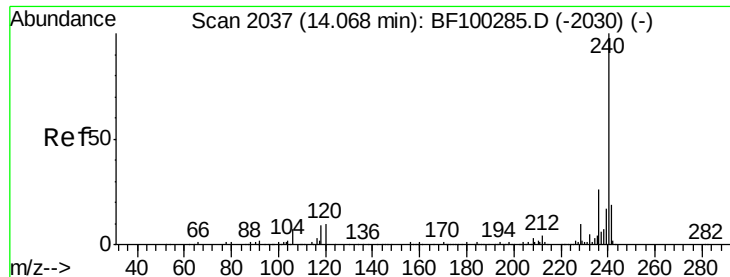
#66
 4-Bromophenyl-phenylether
 Concen: 3.17 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.25 min
 Lab File: BF100661.D
 Acq: 17 Nov 2017 5:54

Tgt Ion:248 Resp: 8189
 Ion Ratio Lower Upper
 248 100
 250 209.8 76.9 115.3#
 141 456.5 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: BF100661.D

Acq: 17 Nov 2017 5:54

Instrument :

BNA_F

ClientSampleId :

111317-SIDI-E-D-S

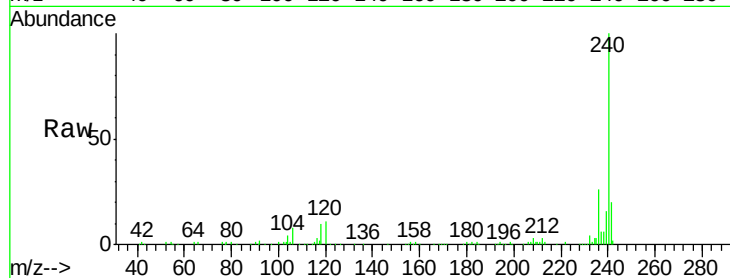
Tgt Ion:240 Resp: 204892

Ion Ratio Lower Upper

240 100

120 11.1 9.5 14.3

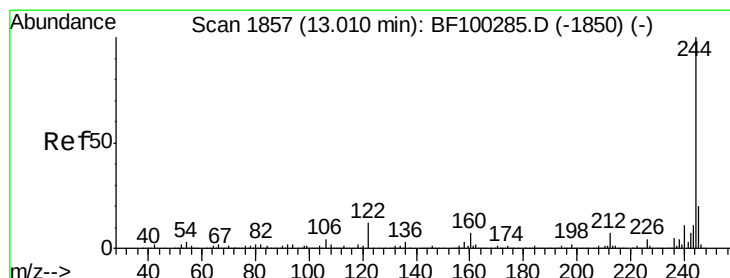
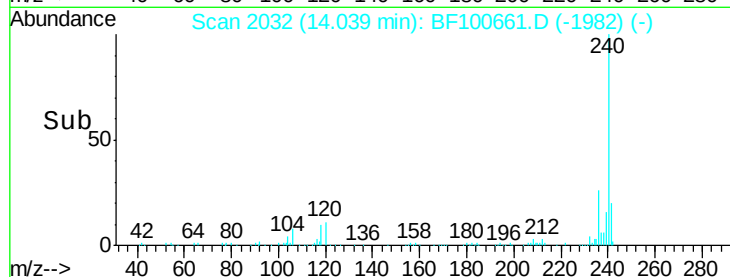
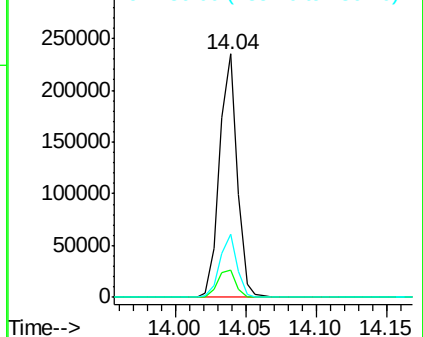
236 25.8 20.7 31.1



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: 80.73 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF100661.D

Acq: 17 Nov 2017 5:54

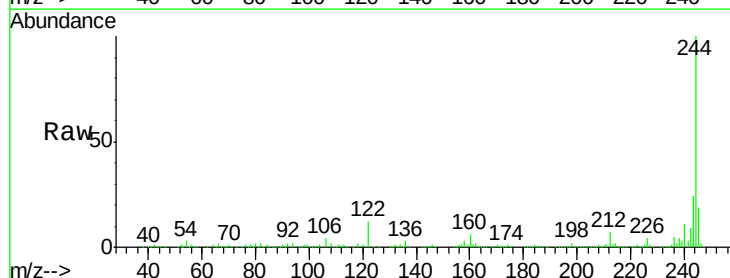
Tgt Ion:244 Resp: 719866

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

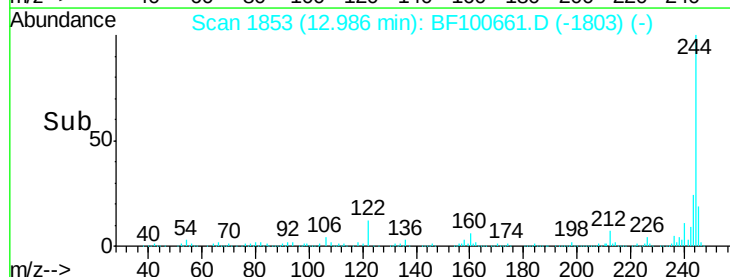
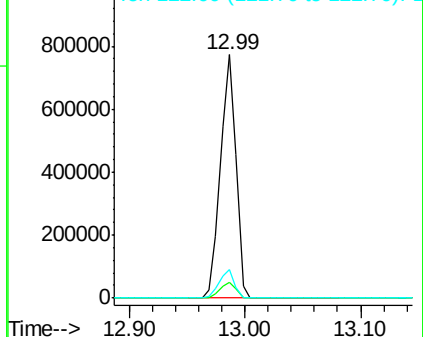
122 11.7 11.0 16.4

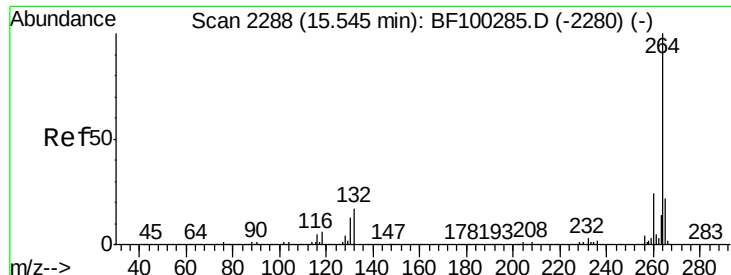


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

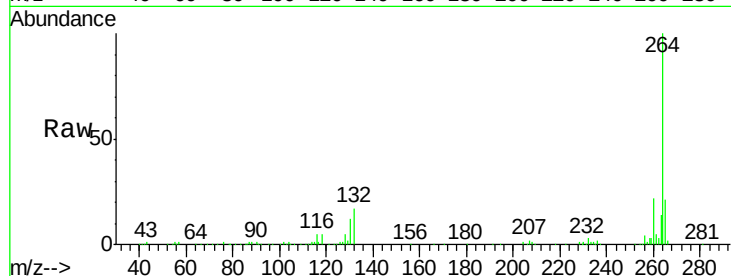




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BF100661.D
Acq: 17 Nov 2017 5:54

Instrument :
BNA_F
ClientSampleId :
111317-SIDI-E-D-S

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.2	28.8
265	21.0	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

