

Data File : BF100566.D
Acq On : 15 Nov 2017 3:54
Operator : SJ/JU
Sample : I6403-09
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
110817-SIDI-F-D-B

Quant Time: Nov 15 06:29:25 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 14 14:17:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	111463	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	391069	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	145370	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	243842	20.00	ng	0.00
75) Chrysene-d12	14.04	240	242204	20.00	ng	-0.01
86) Perylene-d12	15.52	264	161363	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	347387	49.96	ng	0.00
7) Phenol-d6	6.50	99	277974	32.42	ng	-0.01
23) Nitrobenzene-d5	7.45	82	658720	111.36	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	131419	88.72	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1077467	112.86	ng	0.00
78) Terphenyl-d14	12.99	244	848204	80.47	ng	0.00

Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.45	70	85374	14.36	ng	# 82
25) Isophorone	7.45	82	658702	52.99	ng	# 64
47) 2-Nitroaniline	9.63	65	126	2.83	ng	# 1
49) Dimethylphthalate	9.63	163	37419	3.37	ng	99
50) 2,6-Dinitrotoluene	9.92	165	18685	8.50	ng	# 24
56) 2,4-Dinitrotoluene	9.92	165	18685	6.74	ng	# 21
62) Azobenzene	10.63	77	52018	4.97	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.70	198	157	8.67	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	8325	3.18	ng	# 1

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

Data File : BF100566.D

Acq On : 15 Nov 2017 3:54

Operator : SJ/JU

Sample : I6403-09

Misc :

ALS Vial : 29 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

110817-SIDI-F-D-B

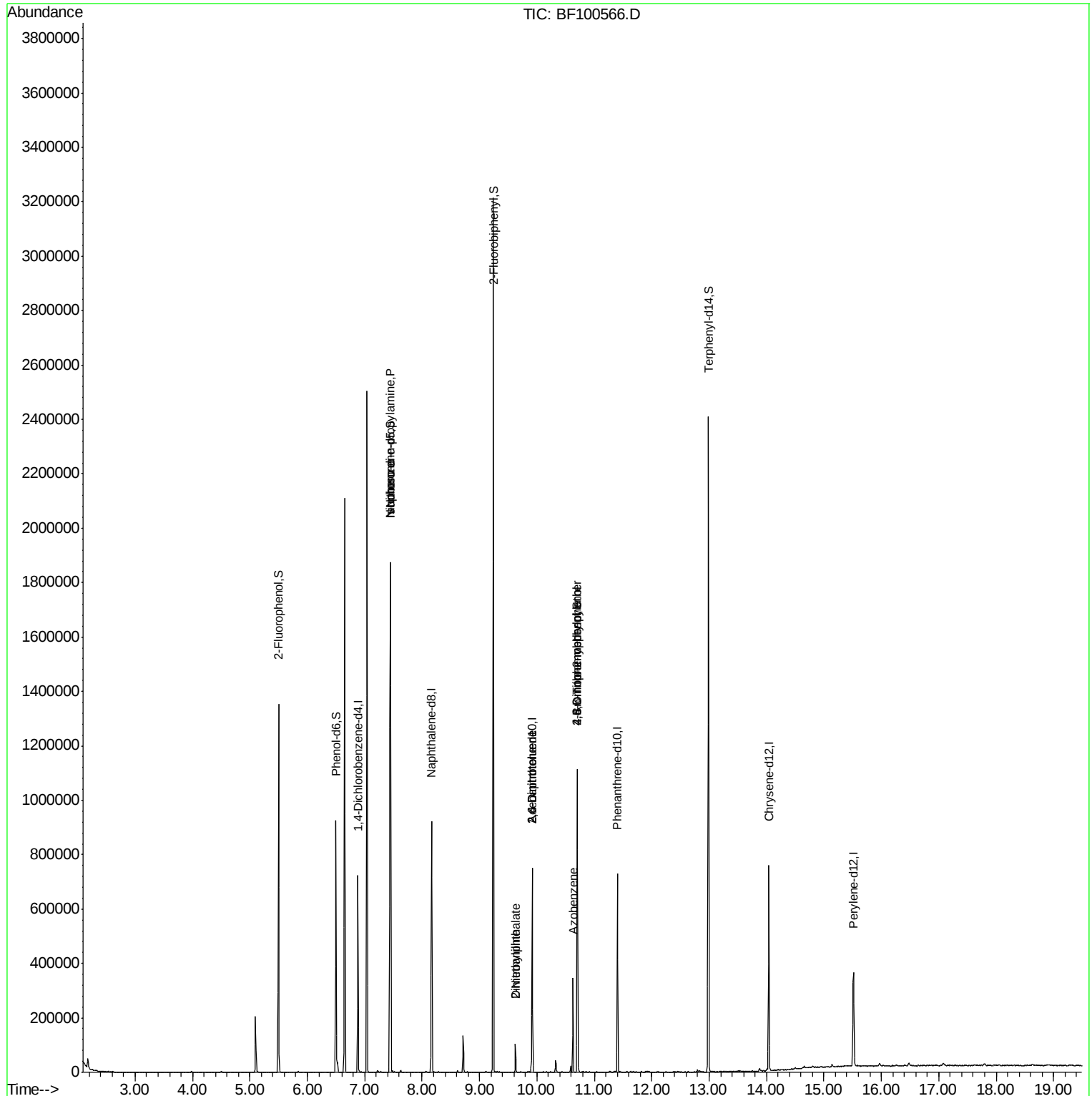
Quant Time: Nov 15 06:29:25 2017

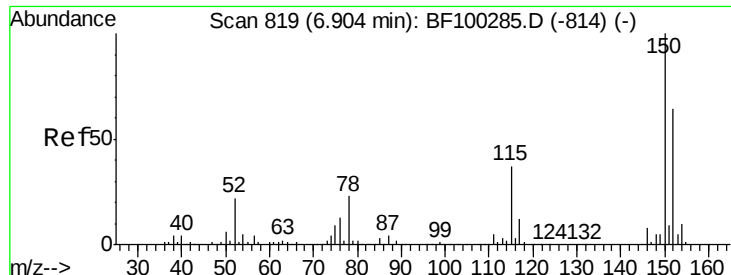
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Nov 14 14:17:16 2017

Response via : Initial Calibration

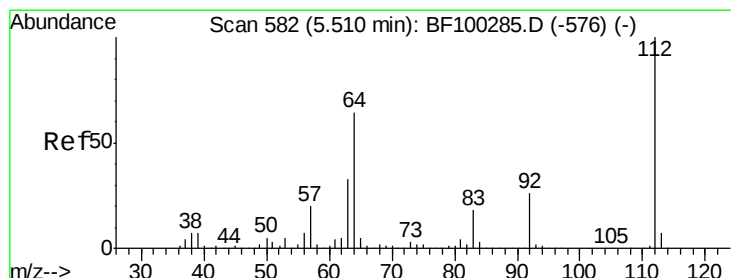
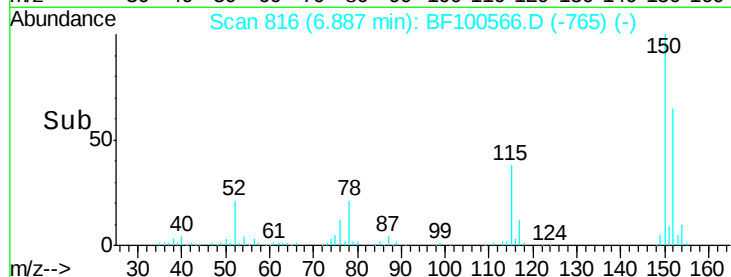
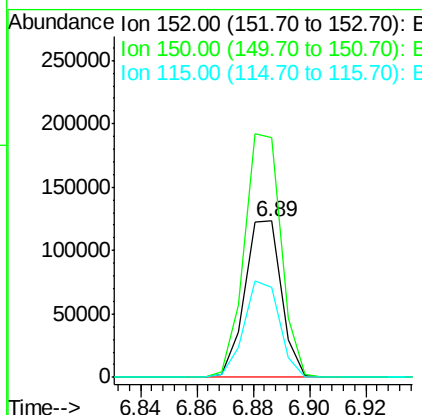
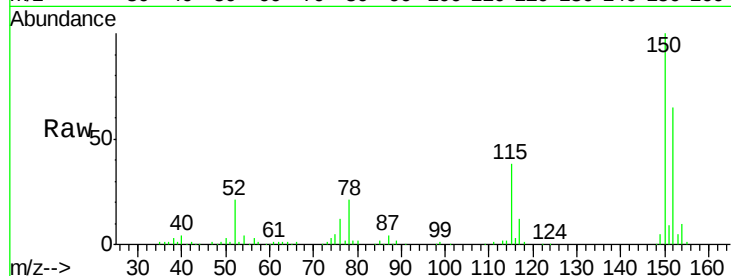




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF100566.D
 Acq: 15 Nov 2017 3:54

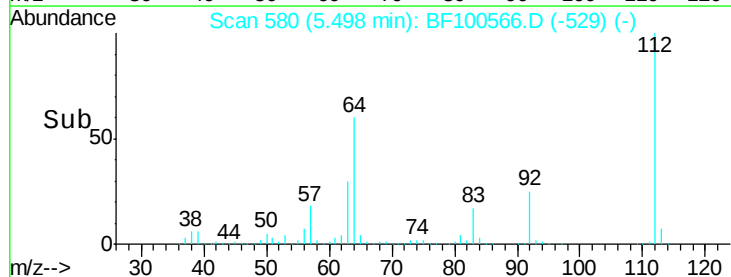
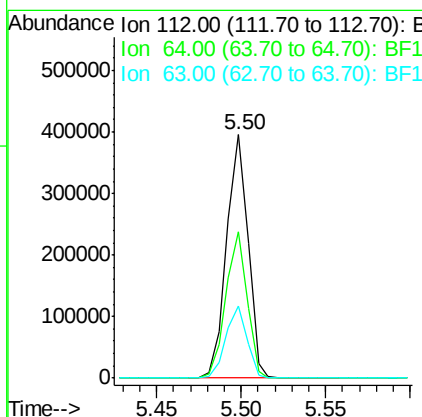
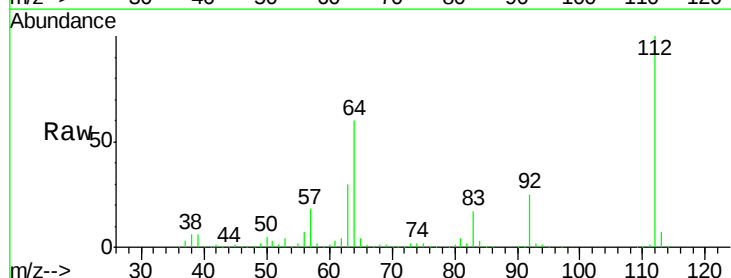
Instrument :
 BNA_F
 ClientSampleId :
 110817-SIDI-F-D-B

Tgt Ion:152 Resp: 111463
 Ion Ratio Lower Upper
 152 100
 150 153.3 124.6 186.8
 115 57.6 50.1 75.1



#5
 2-Fluorophenol
 Concen: 49.96 ng
 RT: 5.50 min Scan# 580
 Delta R.T. -0.00 min
 Lab File: BF100566.D
 Acq: 15 Nov 2017 3:54

Tgt Ion:112 Resp: 347387
 Ion Ratio Lower Upper
 112 100
 64 60.2 47.9 71.9
 63 29.8 23.7 35.5





#7

Phenol-d6

Concen: 32.42 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF100566.D

Acq: 15 Nov 2017 3:54

Instrument :

BNA_F

ClientSampleId :

110817-SIDI-F-D-B

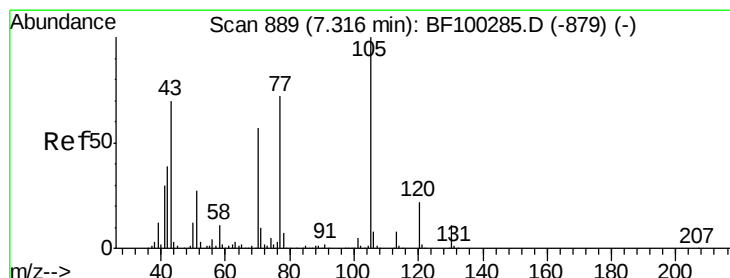
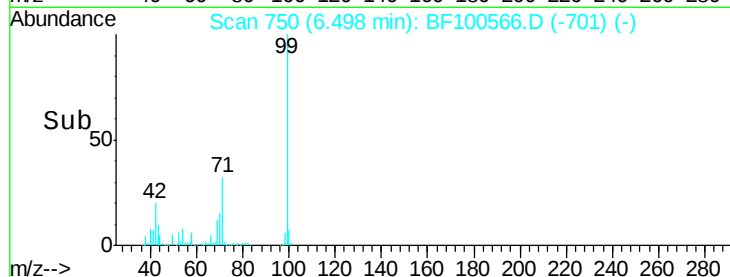
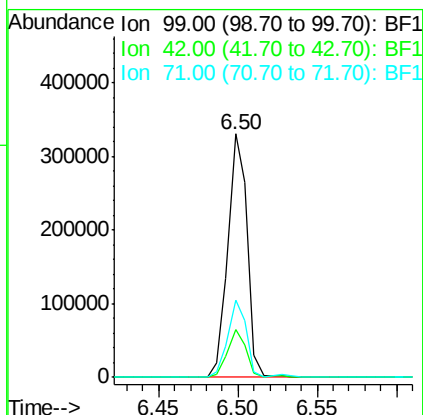
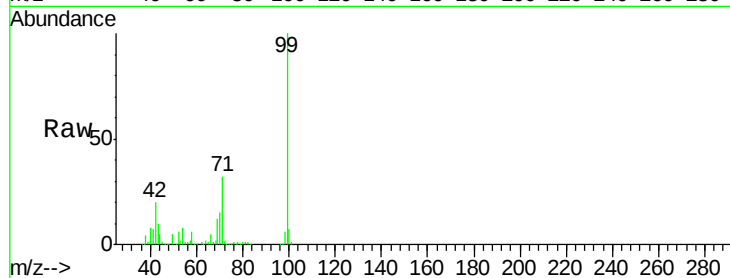
Tgt Ion: 99 Resp: 277974

Ion Ratio Lower Upper

99 100

42 19.7 14.5 21.7

71 32.0 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.36 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.15 min

Lab File: BF100566.D

Acq: 15 Nov 2017 3:54

Tgt Ion: 70 Resp: 85374

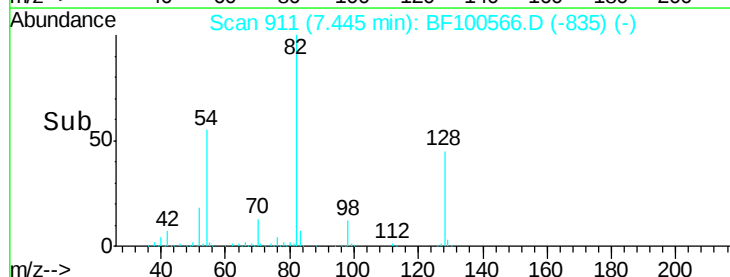
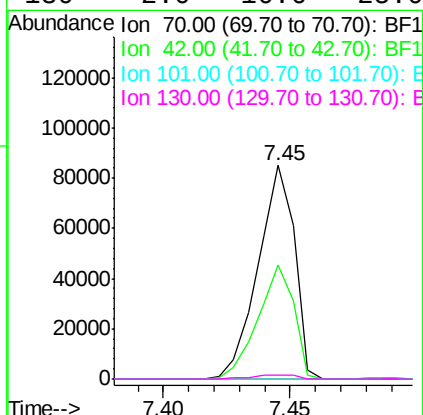
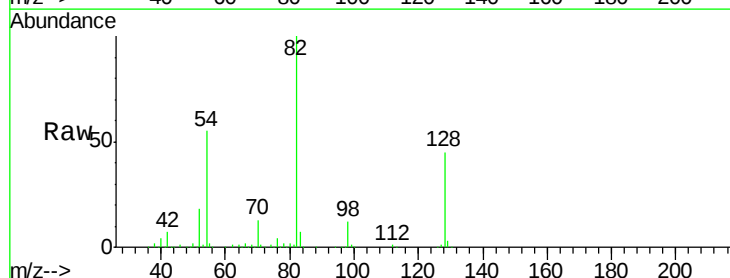
Ion Ratio Lower Upper

70 100

42 53.2 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

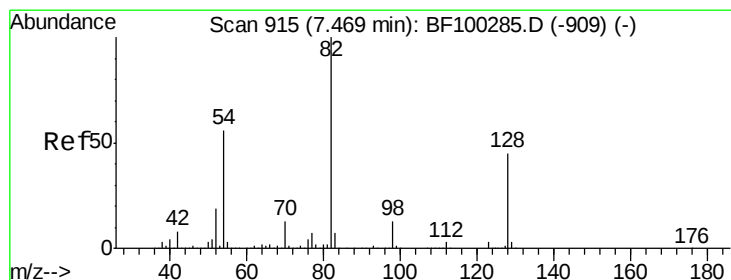
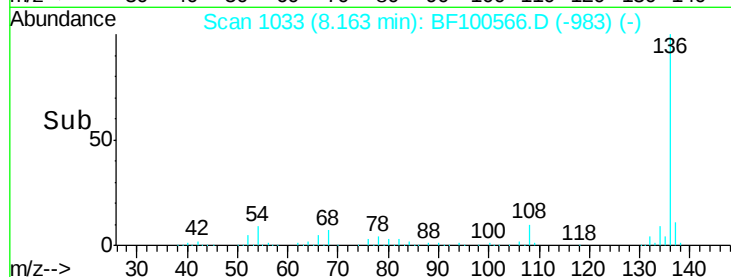
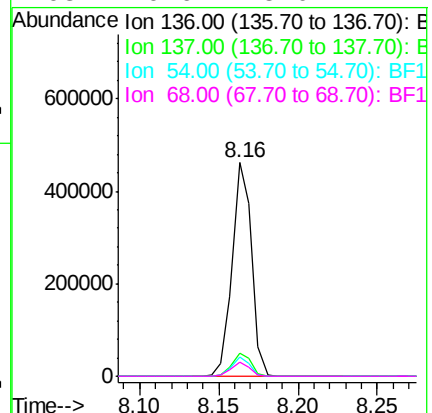
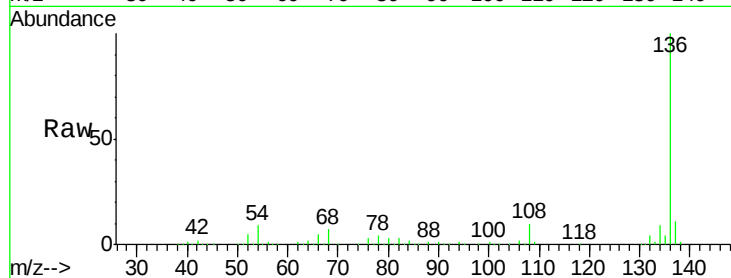




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100566.D
Acq: 15 Nov 2017 3:54

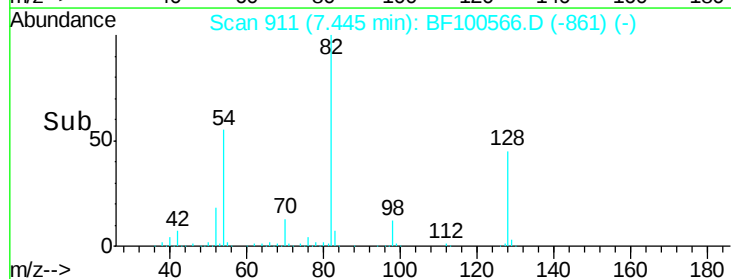
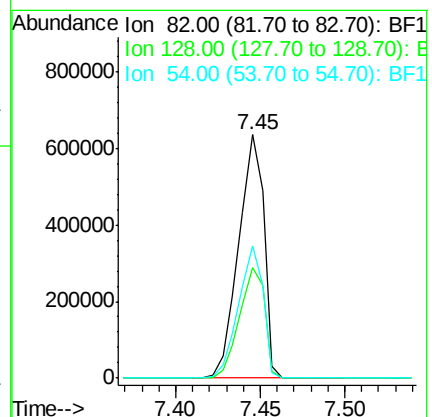
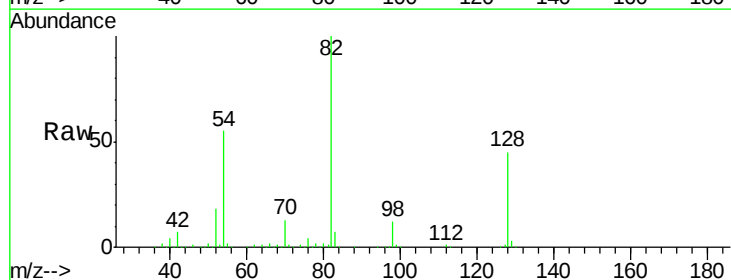
Instrument :
BNA_F
ClientSampleId :
110817-SIDI-F-D-B

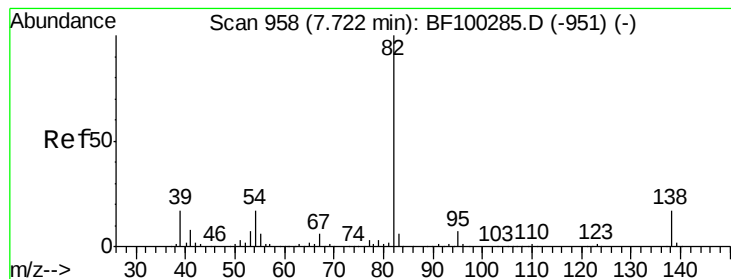
Tgt Ion:	136	Resp:	391069
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.9	6.6	9.8
68	6.6	5.0	7.4



#23
Nitrobenzene-d5
Concen: 111.36 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100566.D
Acq: 15 Nov 2017 3:54

Tgt Ion:	82	Resp:	658720
Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.1	54.1
54	54.6	41.4	62.2





#25

Isophorone

Concen: 52.99 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.26 min

Lab File: BF100566.D

Acq: 15 Nov 2017 3:54

Instrument :

BNA_F

ClientSampleId :

110817-SIDI-F-D-B

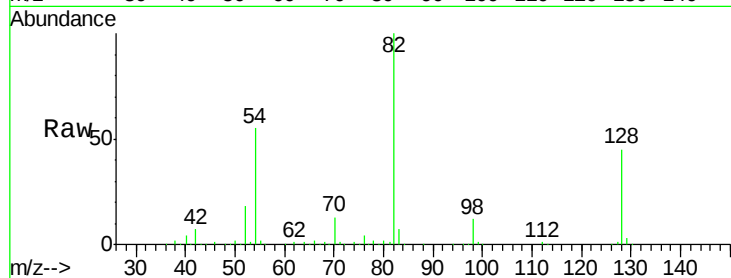
Tgt Ion: 82 Resp: 658702

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

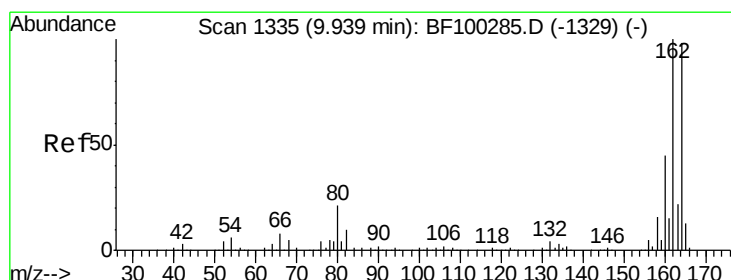
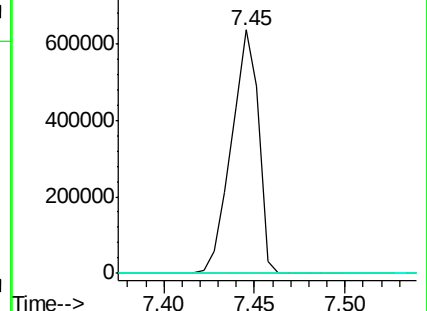
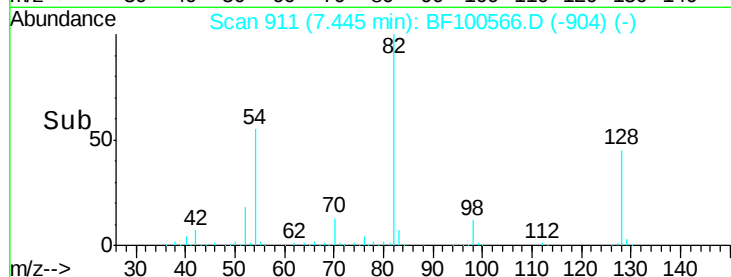
138 0.0 14.9 22.3#



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.00 min

Lab File: BF100566.D

Acq: 15 Nov 2017 3:54

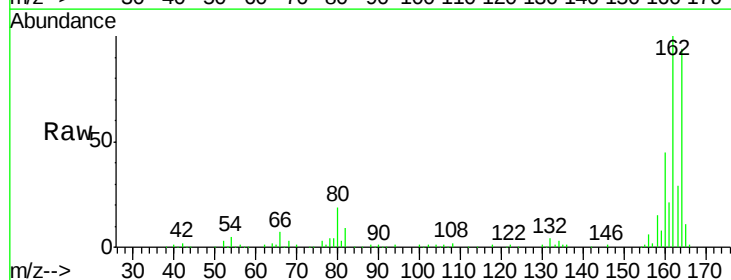
Tgt Ion: 164 Resp: 145370

Ion Ratio Lower Upper

164 100

162 106.3 86.1 129.1

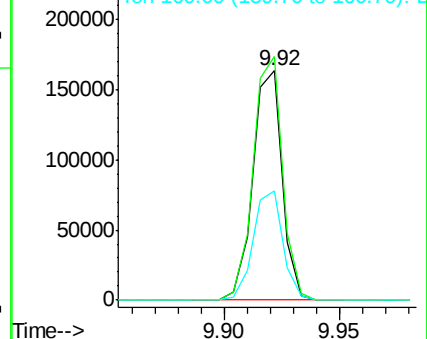
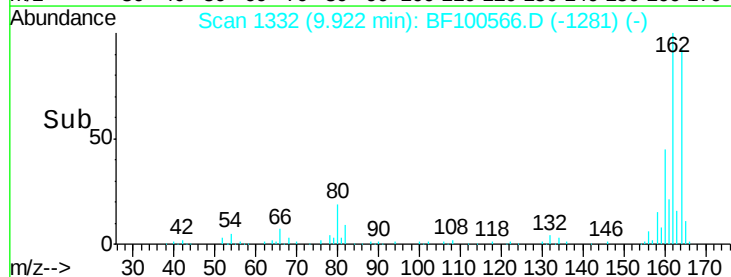
160 47.9 38.3 57.5

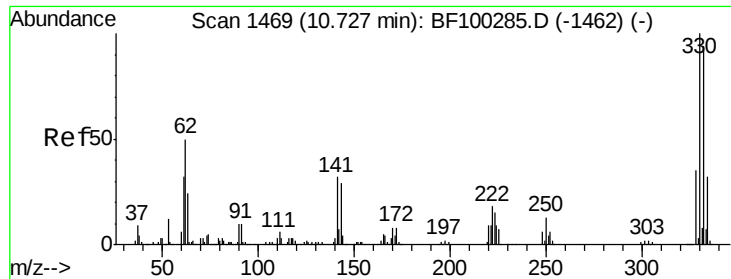


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

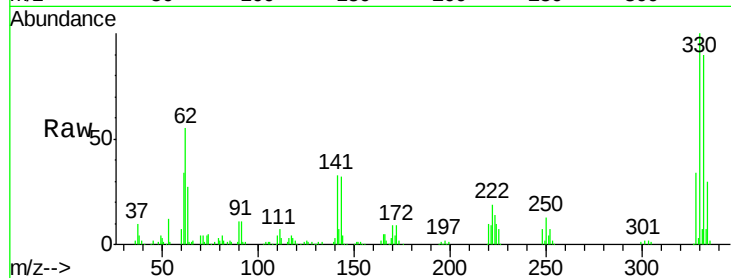




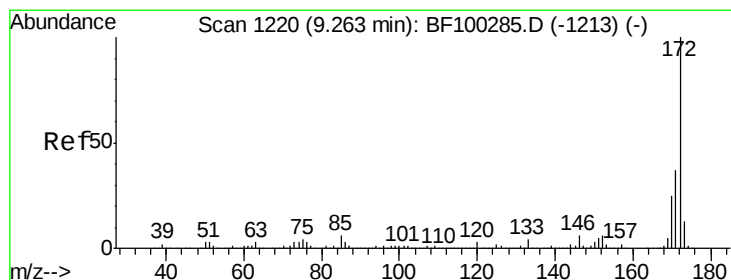
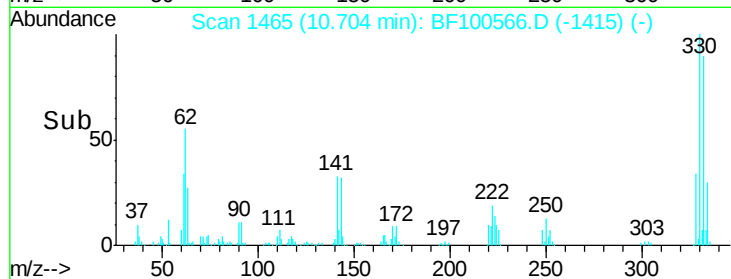
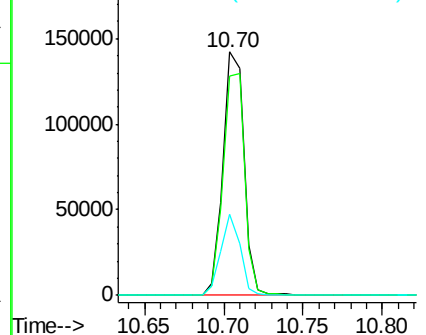
#41
 2,4,6-Tribromophenol
 Concen: 88.72 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100566.D
 Acq: 15 Nov 2017 3:54

Instrument :
 BNA_F
 ClientSampleId :
 110817-SIDI-F-D-B

Tgt Ion	Ratio	Lower	Upper
330	100		
332	93.4	77.0	115.6
141	30.6	29.9	44.9

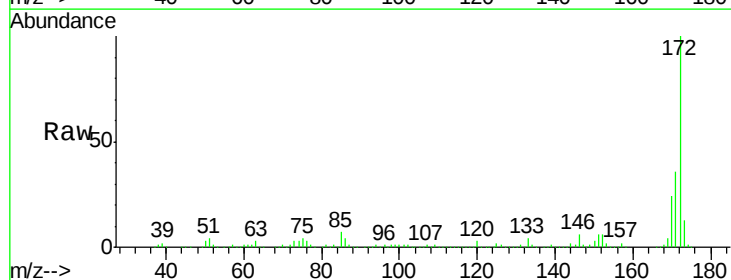


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

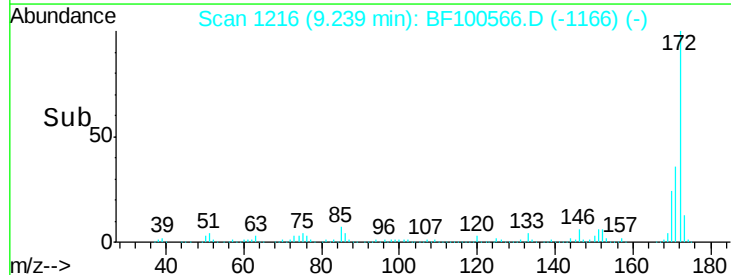
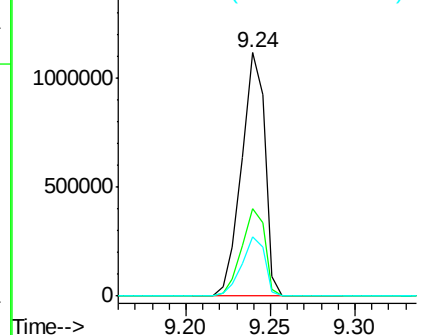


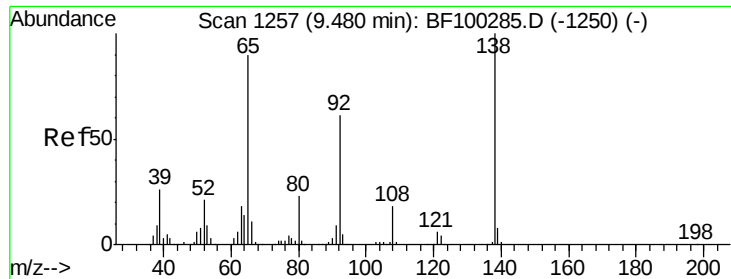
#44
 2-Fluorobiphenyl
 Concen: 112.86 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF100566.D
 Acq: 15 Nov 2017 3:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.2	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

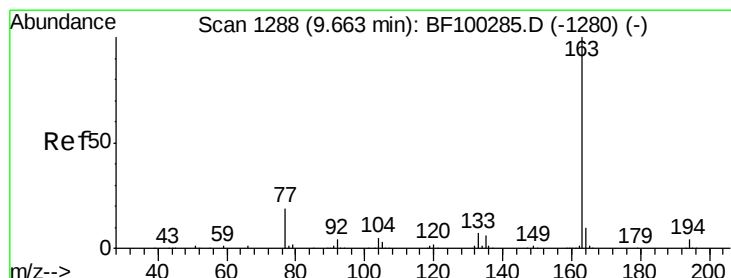
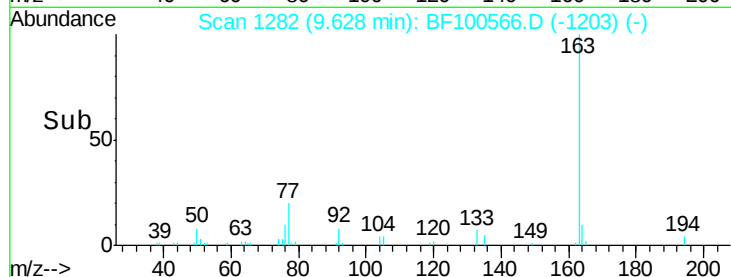
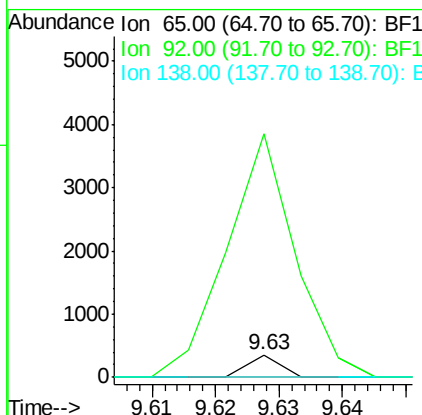
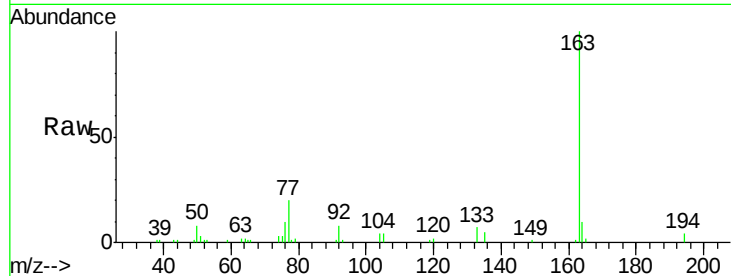




#47
2-Nitroaniline
Concen: 2.83 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.16 min
Lab File: BF100566.D
Acq: 15 Nov 2017 3:54

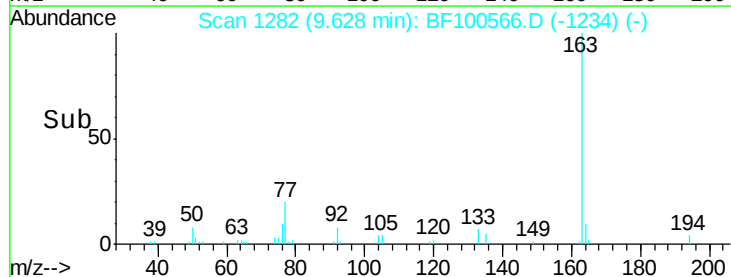
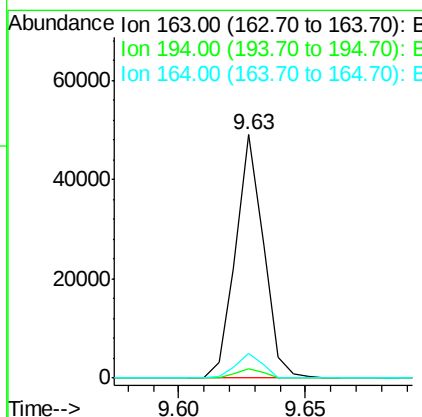
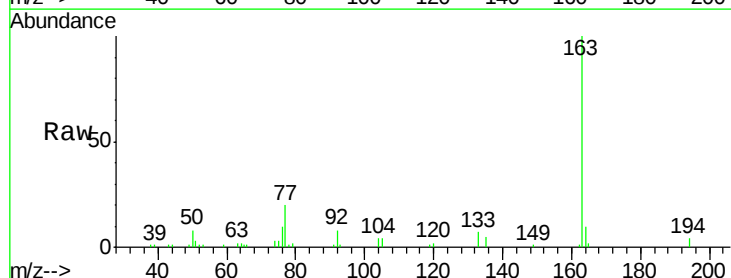
Instrument :
BNA_F
ClientSampleId :
110817-SIDI-F-D-B

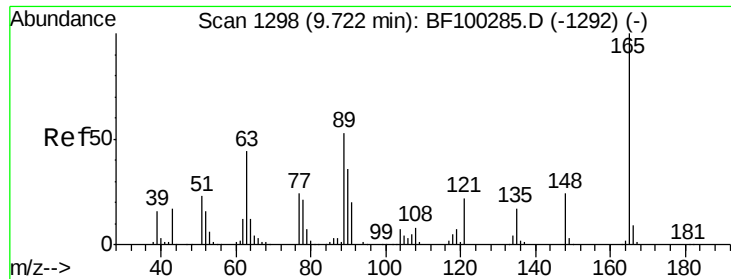
Tgt Ion: 65 Resp: 126
Ion Ratio Lower Upper
65 100
92 1079.0 55.8 83.6#
138 0.0 91.2 136.8#



#49
Dimethylphthalate
Concen: 3.37 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF100566.D
Acq: 15 Nov 2017 3:54

Tgt Ion: 163 Resp: 37419
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.4 8.2 12.2

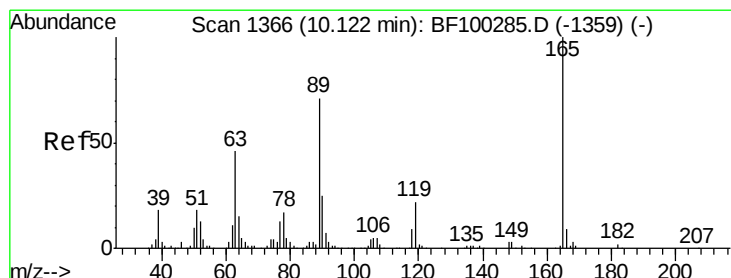
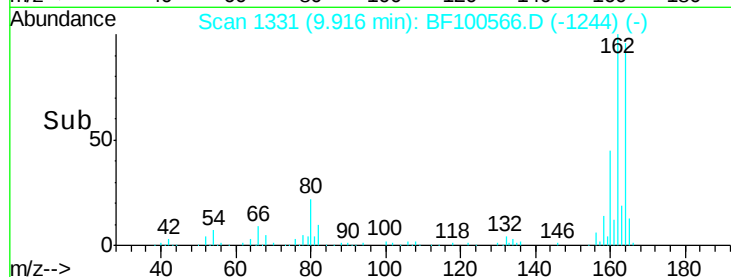
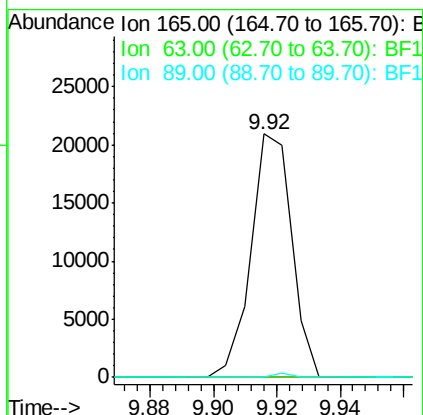
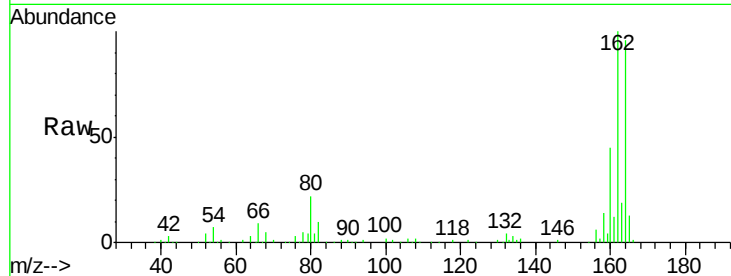




#50
 2,6-Dinitrotoluene
 Concen: 8.50 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.21 min
 Lab File: BF100566.D
 Acq: 15 Nov 2017 3:54

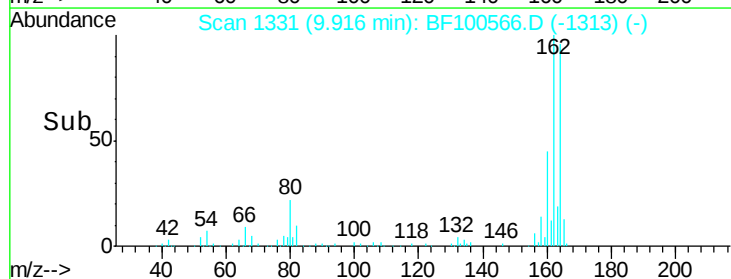
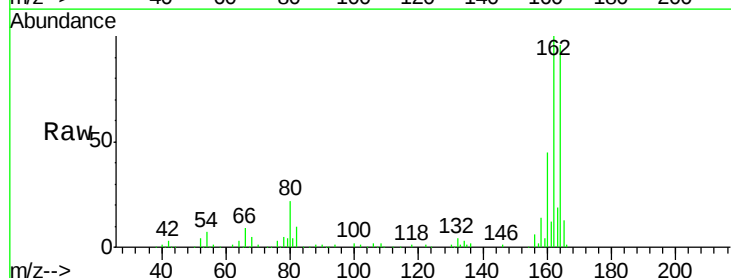
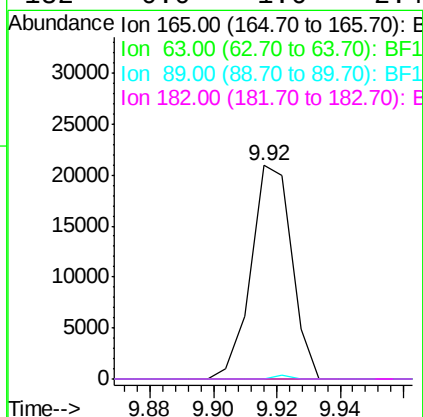
Instrument :
 BNA_F
 ClientSampleId :
 110817-SIDI-F-D-B

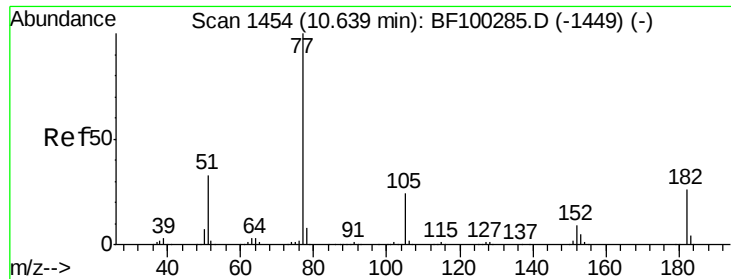
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.74 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF100566.D
 Acq: 15 Nov 2017 3:54

Tgt 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#

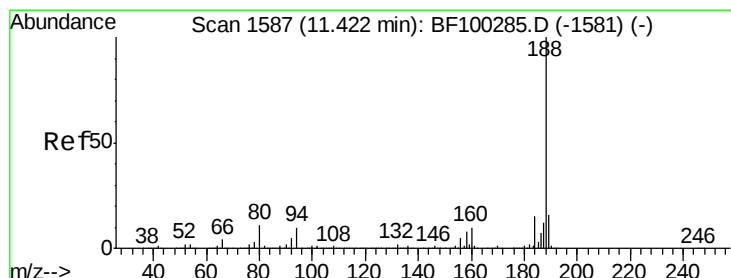
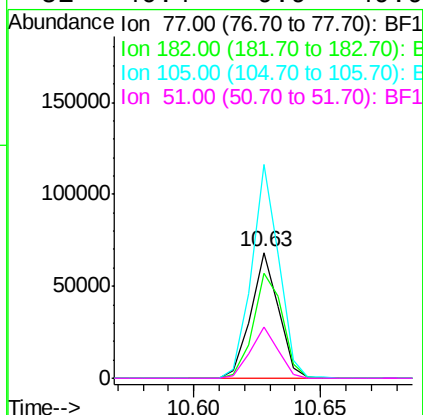
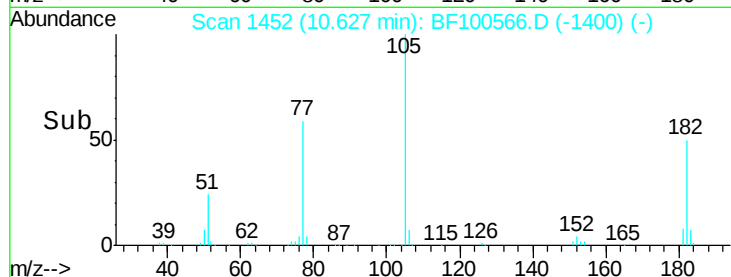
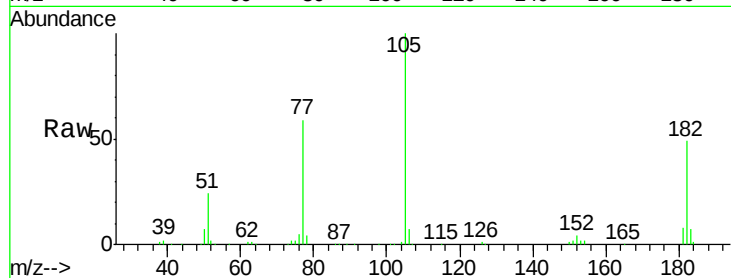




#62
Azobenzene
Concen: 4.97 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.01 min
Lab File: BF100566.D
Acq: 15 Nov 2017 3:54

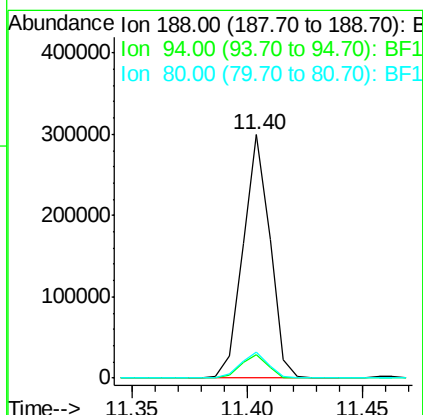
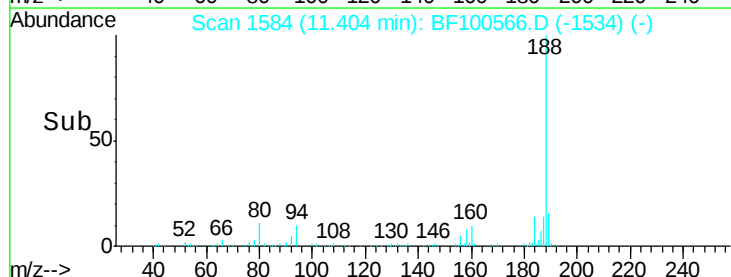
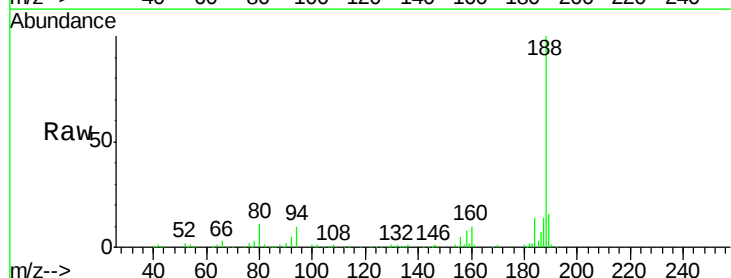
Instrument :
BNA_F
ClientSampleId :
110817-SIDI-F-D-B

Tgt Ion: 77 Resp: 52018
Ion Ratio Lower Upper
77 100
182 83.4 1.7 41.7#
105 169.6 3.0 43.0#
51 40.4 9.9 49.9



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF100566.D
Acq: 15 Nov 2017 3:54

Tgt Ion: 188 Resp: 243842
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 10.6 9.2 13.8

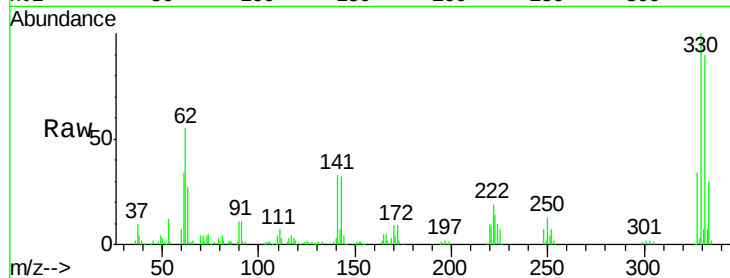




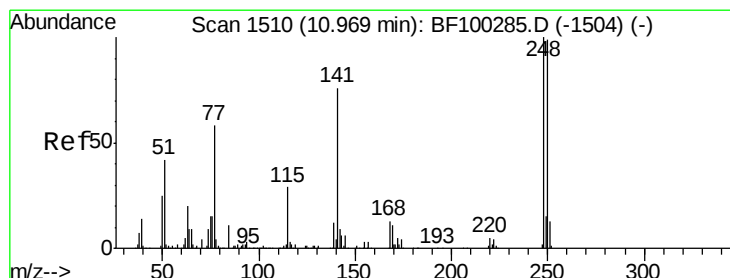
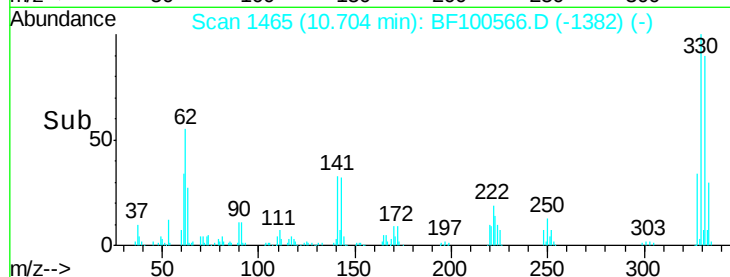
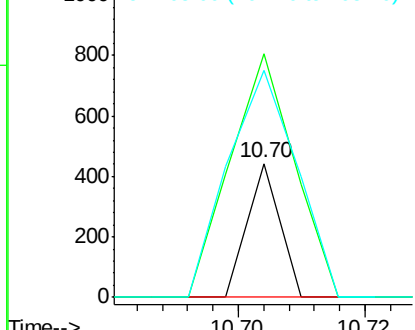
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.67 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.19 min
 Lab File: BF100566.D
 Acq: 15 Nov 2017 3:54

Instrument :
 BNA_F
 ClientSampleId :
 110817-SIDI-F-D-B

Tgt Ion:198 Resp: 157
 Ion Ratio Lower Upper
 198 100
 51 181.5 37.7 77.7#
 105 168.9 36.3 76.3#

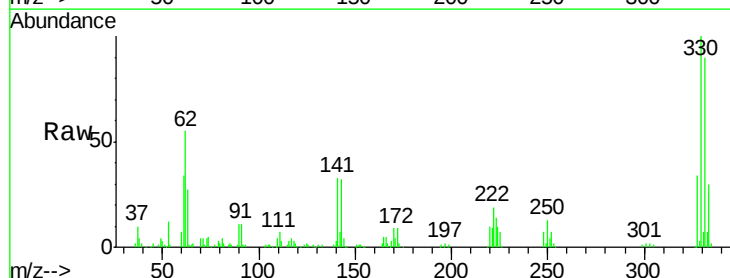


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

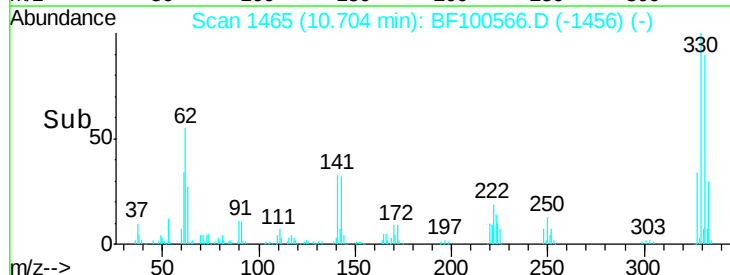
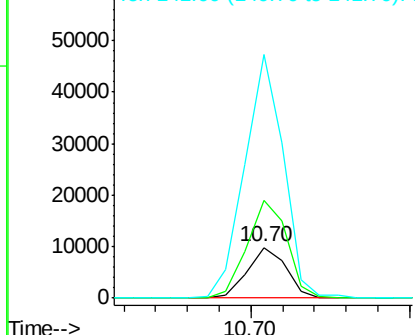


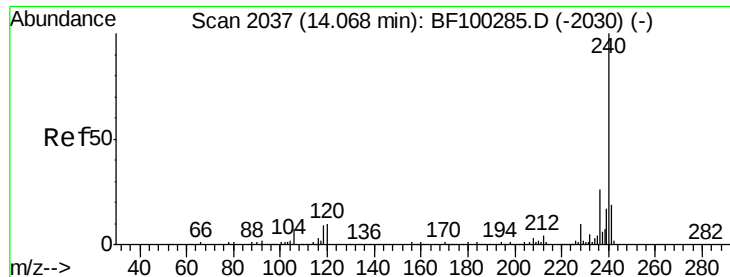
#66
 4-Bromophenyl-phenylether
 Concen: 3.18 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.25 min
 Lab File: BF100566.D
 Acq: 15 Nov 2017 3:54

Tgt Ion:248 Resp: 8325
 Ion Ratio Lower Upper
 248 100
 250 191.1 76.9 115.3#
 141 478.3 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

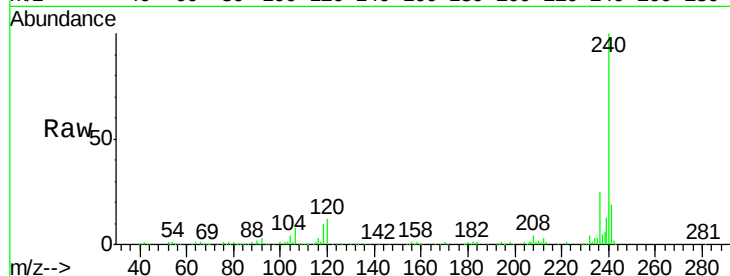




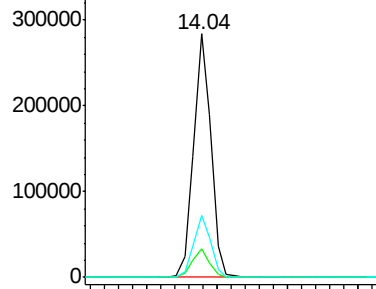
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF100566.D
Acq: 15 Nov 2017 3:54

Instrument :
BNA_F
ClientSampleId :
110817-SIDI-F-D-B

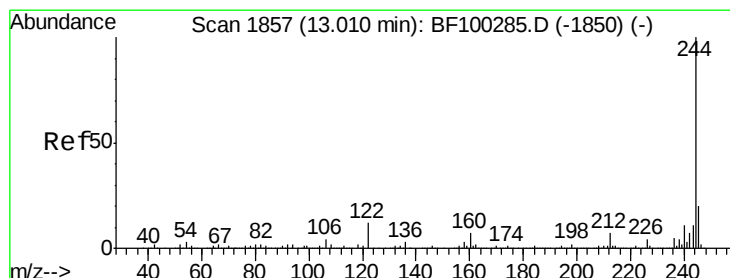
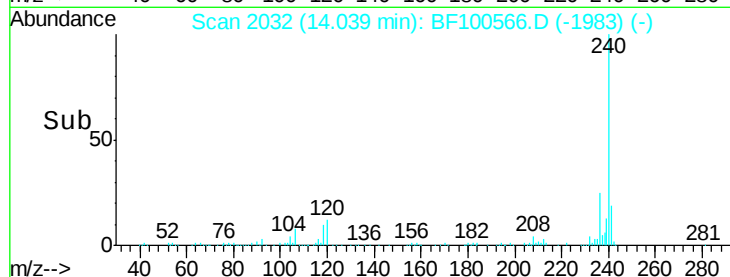
Tgt Ion:240 Resp: 242204
Ion Ratio Lower Upper
240 100
120 11.8 9.5 14.3
236 25.2 20.7 31.1



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

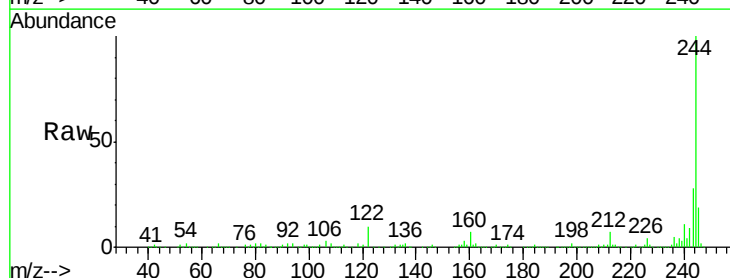


Time-->

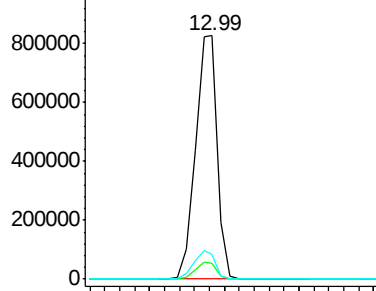


#78
Terphenyl-d14
Concen: 80.47 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.00 min
Lab File: BF100566.D
Acq: 15 Nov 2017 3:54

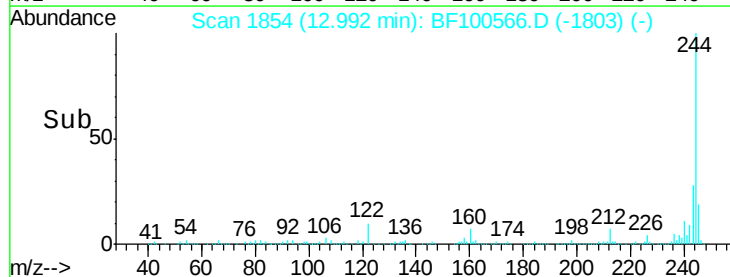
Tgt Ion:244 Resp: 848204
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.0
122 10.3 11.0 16.4#

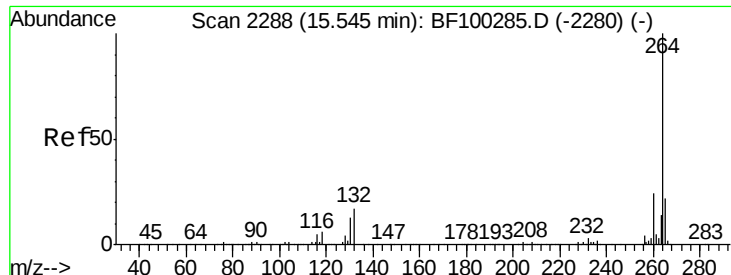


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time-->

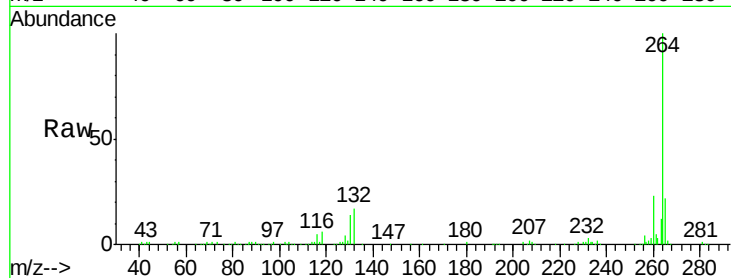




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.01 min
Lab File: BF100566.D
Acq: 15 Nov 2017 3:54

Instrument :
BNA_F
ClientSampleId :
110817-SIDI-F-D-B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.6	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

