

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111517\
 Data File : BF100588.D
 Acq On : 15 Nov 2017 15:17
 Operator : SJ/JU
 Sample : I6422-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 16 03:32:49 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 15 13:27:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	123884	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	478321	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	198458	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	299499	20.00	ng	0.00
75) Chrysene-d12	14.04	240	255940	20.00	ng	-0.01
86) Perylene-d12	15.52	264	268120	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	561177	72.61	ng	0.00
7) Phenol-d6	6.50	99	677033	71.04	ng	-0.01
23) Nitrobenzene-d5	7.45	82	412915	57.07	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	130359	64.46	ng	-0.01
44) 2-Fluorobiphenyl	9.24	172	690545	52.98	ng	0.00
78) Terphenyl-d14	12.99	244	426870	38.32	ng	0.00

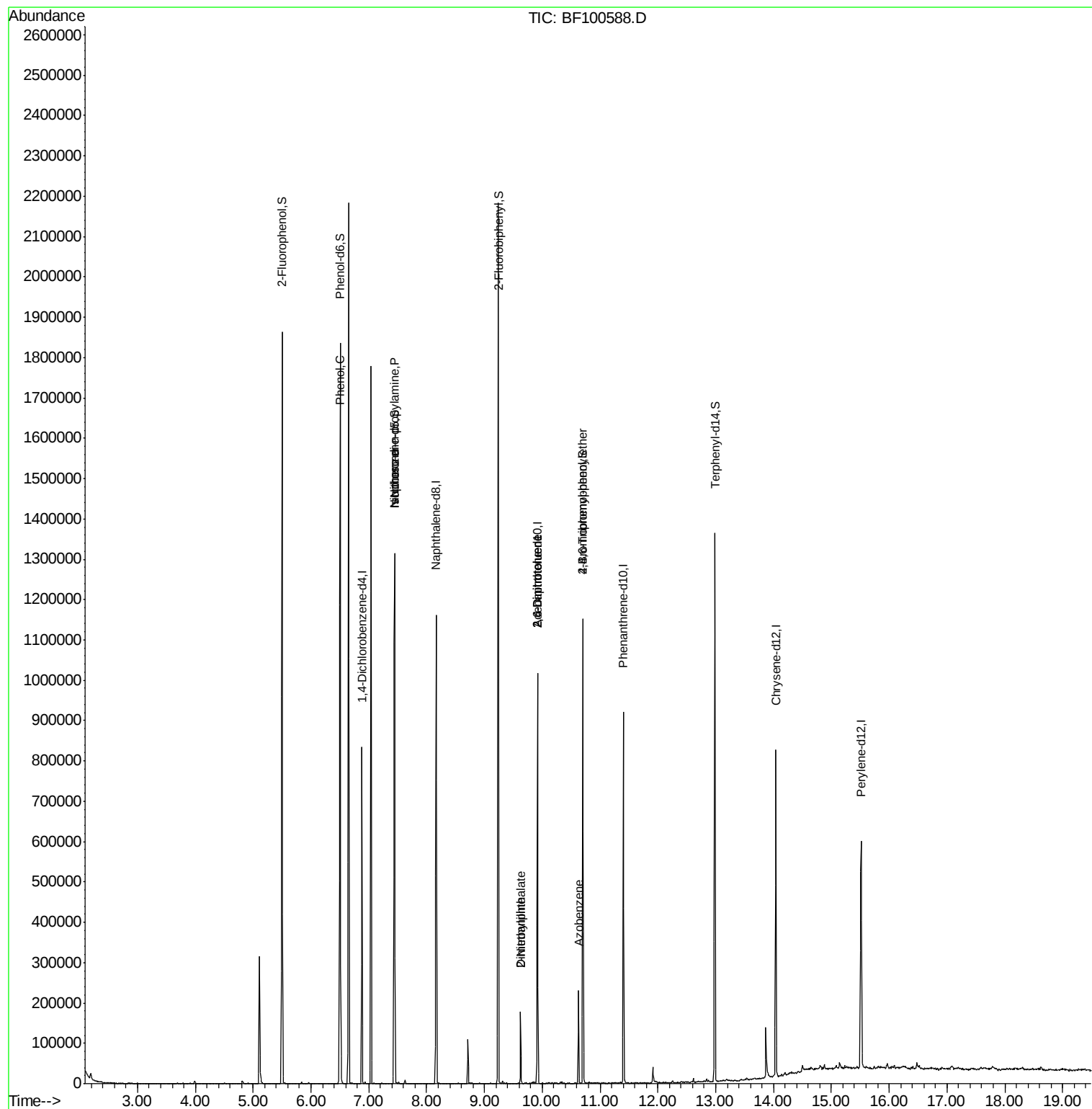
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.52	94	32709	3.27	ng	99
19) n-Nitroso-di-n-propylamine	7.45	70	53012	8.02	ng	# 79
25) Isophorone	7.45	82	412747	27.15	ng	# 64
47) 2-Nitroaniline	9.63	65	460	2.90	ng	# 1
49) Dimethylphthalate	9.63	163	62132	4.10	ng	# 98
50) 2,6-Dinitrotoluene	9.92	165	25641	8.55	ng	# 25
56) 2,4-Dinitrotoluene	9.92	165	25641	6.78	ng	# 23
62) Azobenzene	10.63	77	34418	2.41	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	8433	2.63	ng	# 1

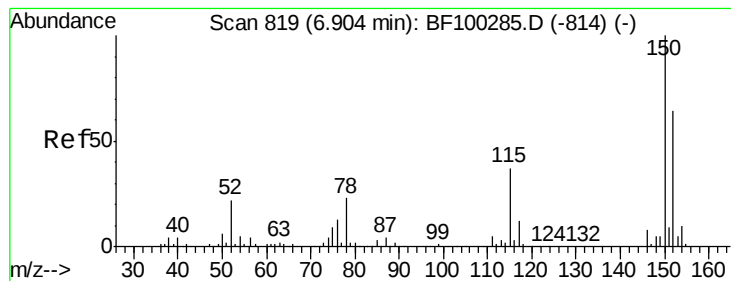
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111517\
Data File : BF100588.D
Acq On : 15 Nov 2017 15:17
Operator : SJ/JU
Sample : I6422-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 16 03:32:49 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 15 13:27:38 2017
Response via : Initial Calibration



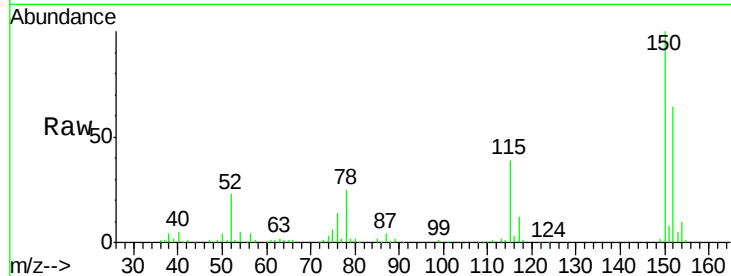


#1

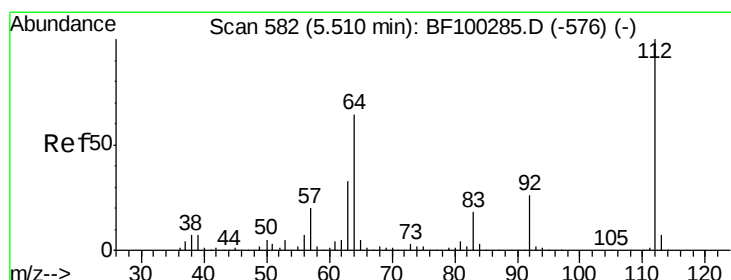
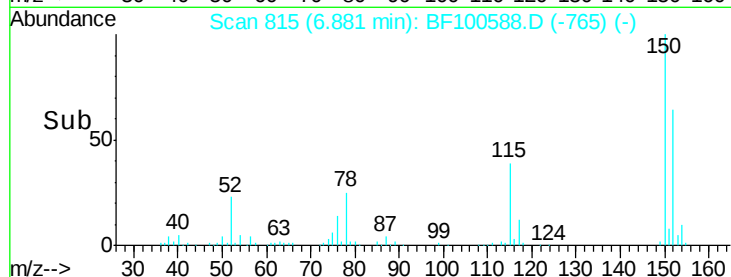
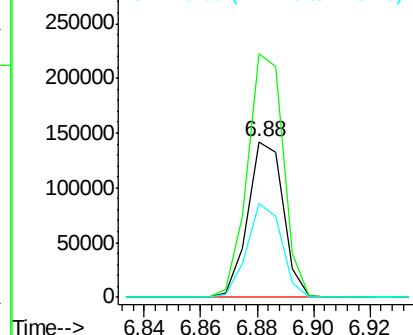
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF100588.D
Acq: 15 Nov 2017 15:17

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.6	186.8
115	60.7	50.1	75.1



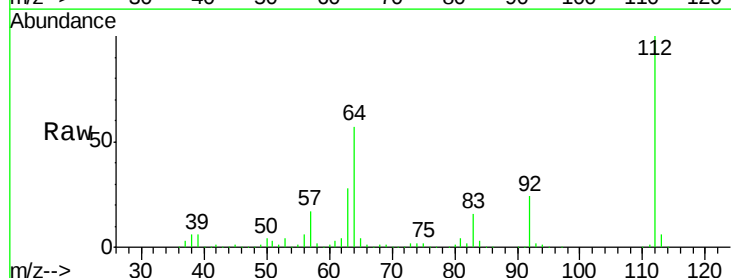
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



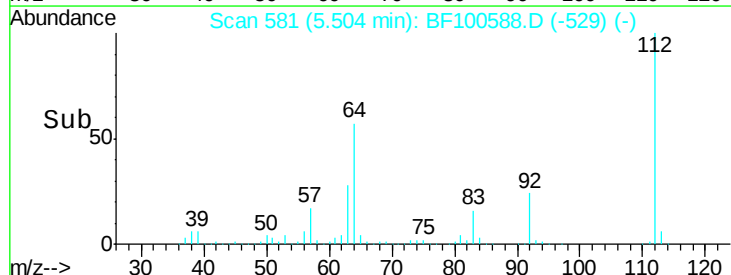
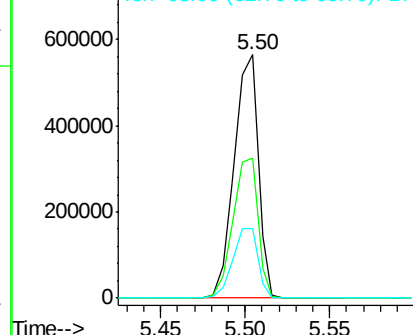
#5

2-Fluorophenol
Concen: 72.61 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF100588.D
Acq: 15 Nov 2017 15:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.2	47.9	71.9
63	28.3	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: 71.04 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF100588.D

Acq: 15 Nov 2017 15:17

Instrument :

BNA_F

ClientSampleId :

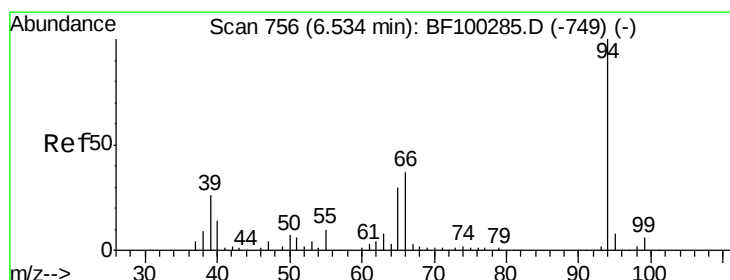
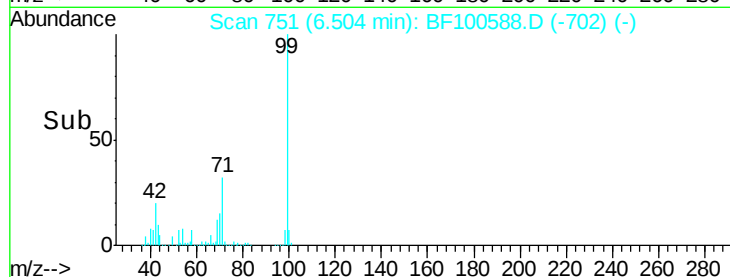
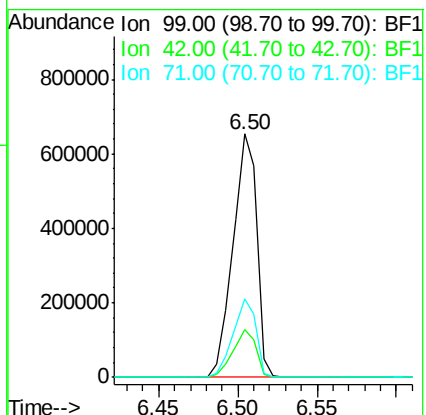
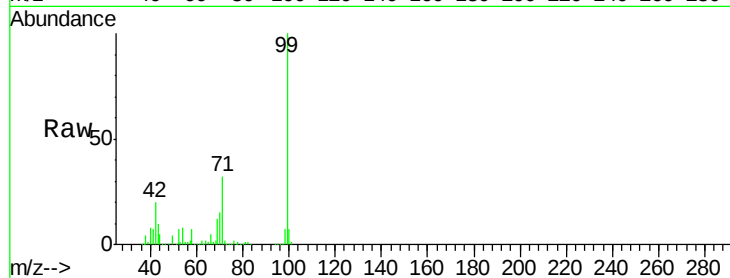
Tot Ion: 99 Resp: 677033

Ion Ratio Lower Upper

99 100

42 19.7 14.5 21.7

71 32.0 25.4 38.0



#10

Phenol

Concen: 3.27 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100588.D

Acq: 15 Nov 2017 15:17

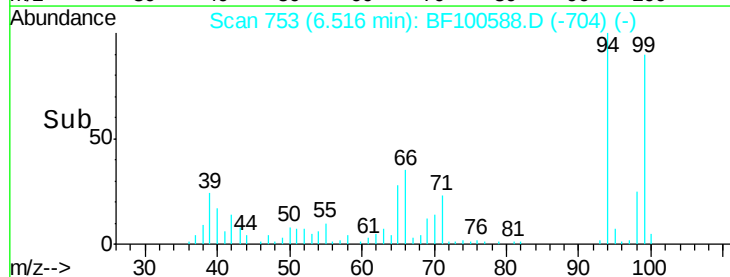
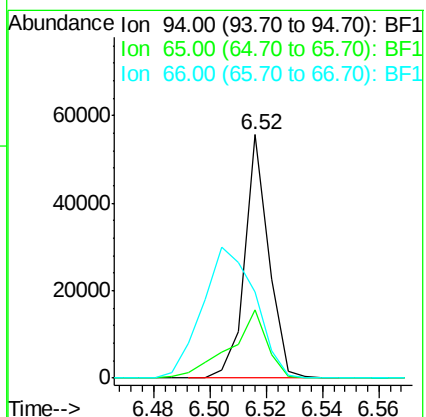
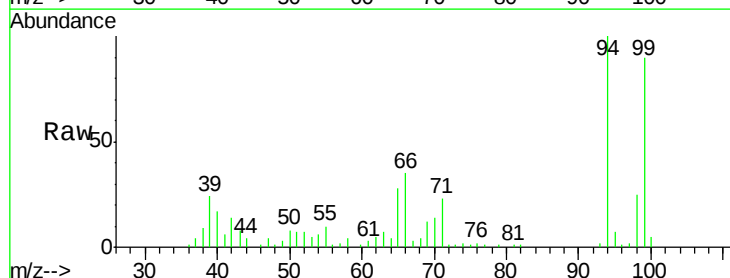
Tgt Ion: 94 Resp: 32709

Ion Ratio Lower Upper

94 100

65 27.8 7.9 47.9

66 35.3 16.2 56.2





#19

n-Nitroso-di-n-propylamine

Concen: 8.02 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.14 min

Lab File: BF100588.D

Acq: 15 Nov 2017 15:17

Instrument :

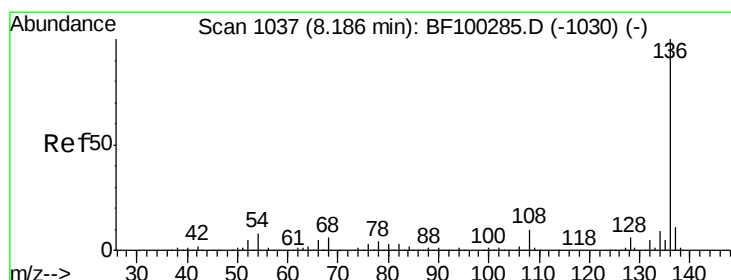
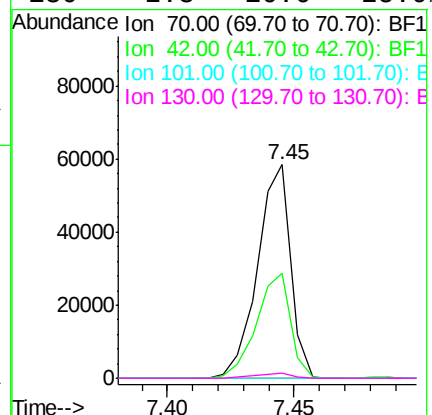
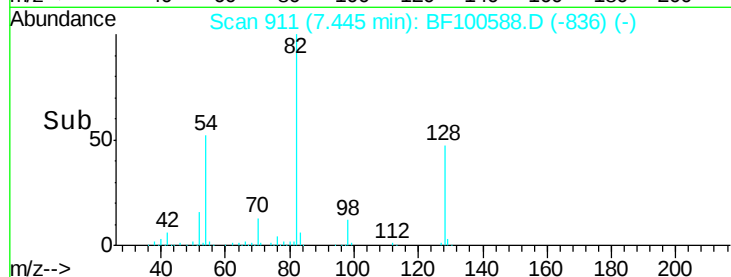
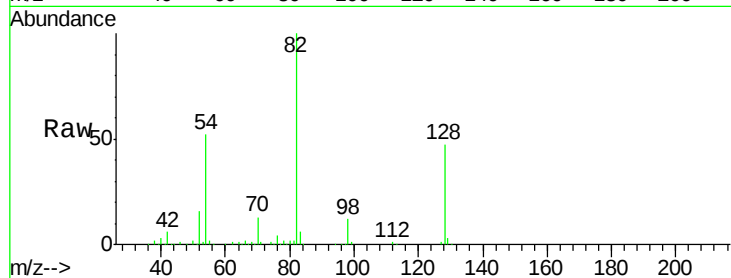
BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 53012

Ion Ratio Lower Upper

70	100		
42	48.9	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

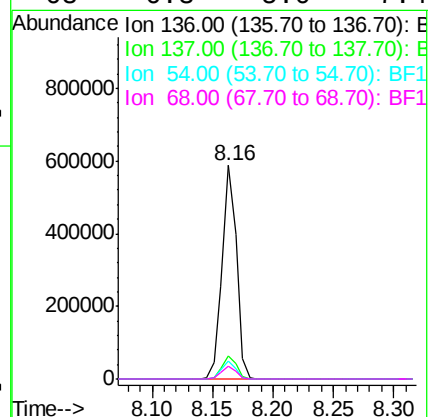
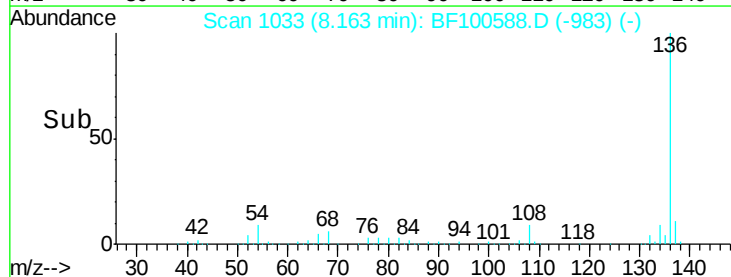
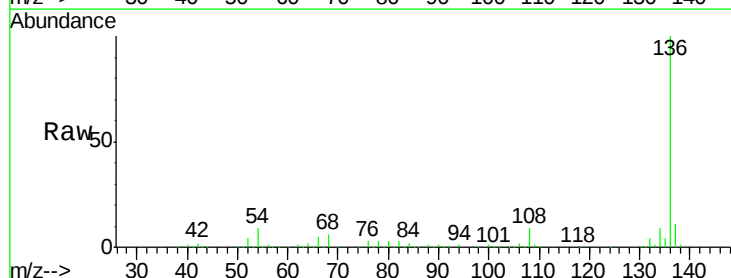
Lab File: BF100588.D

Acq: 15 Nov 2017 15:17

Tgt Ion: 136 Resp: 478321

Ion Ratio Lower Upper

136	100		
137	11.1	8.9	13.3
54	8.7	6.6	9.8
68	6.3	5.0	7.4

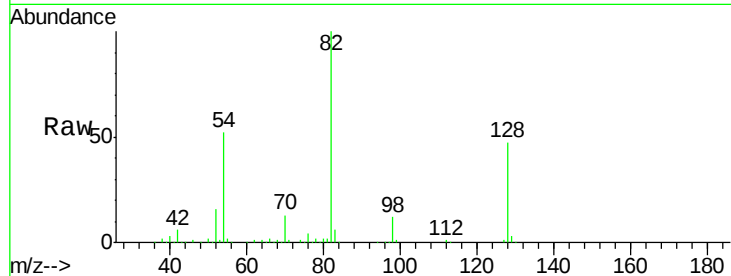




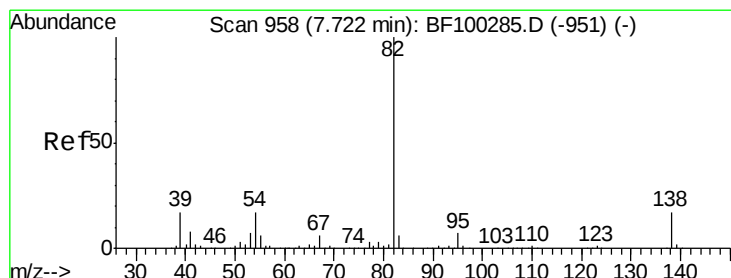
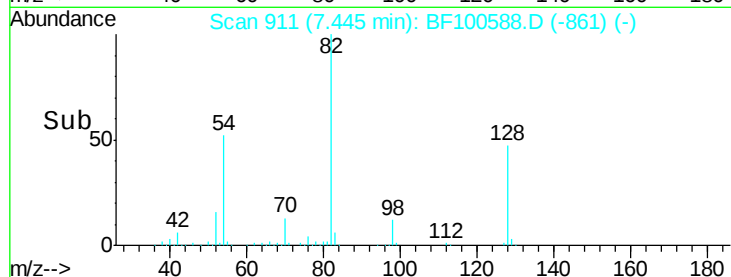
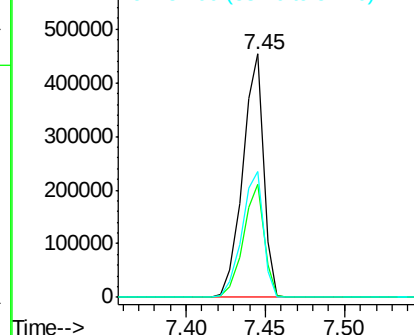
#23
Nitrobenzene-d5
Concen: 57.07 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100588.D
Acq: 15 Nov 2017 15:17

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.1	54.1
54	51.9	41.4	62.2

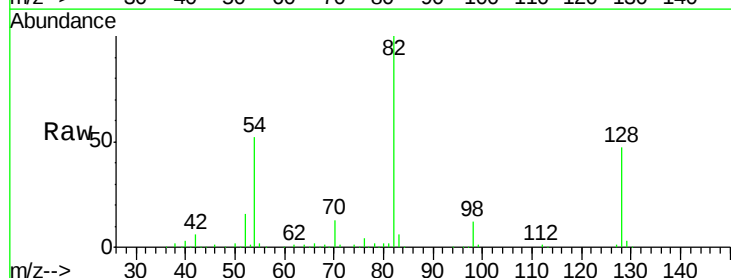


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

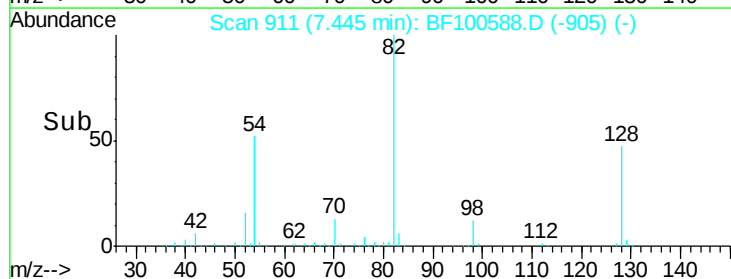
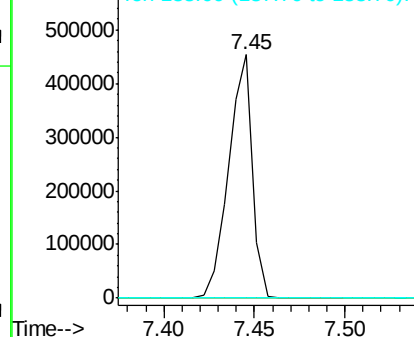


#25
Isophorone
Concen: 27.15 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF100588.D
Acq: 15 Nov 2017 15:17

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

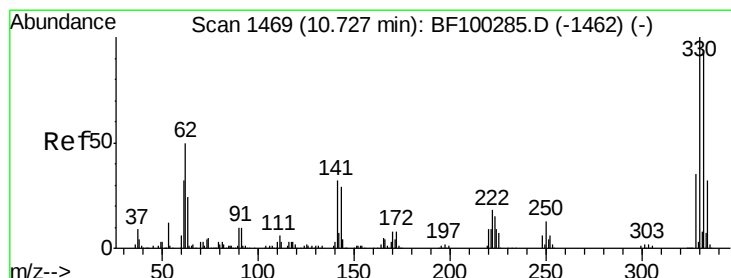
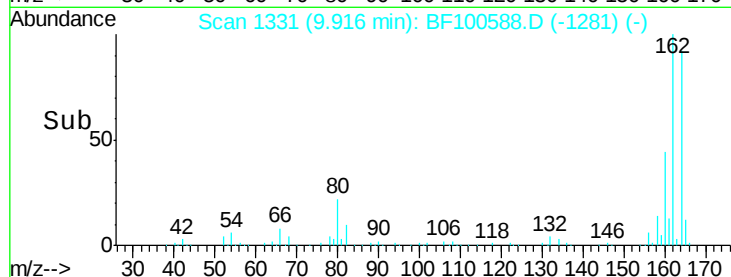
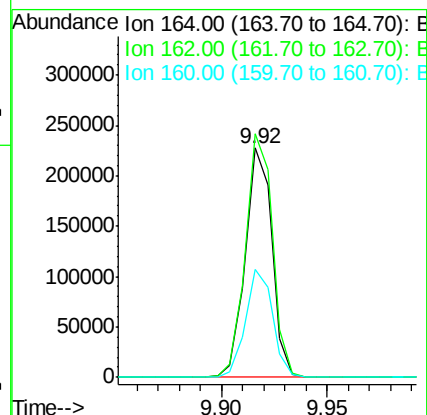
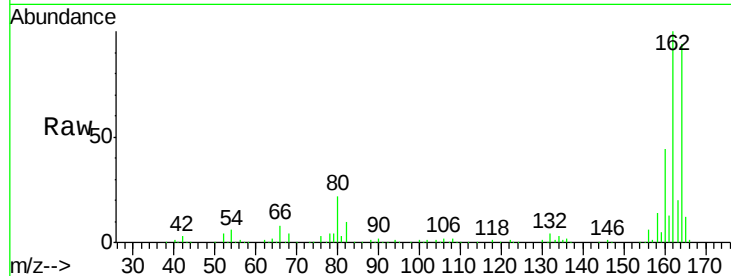




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF100588.D
 Acq: 15 Nov 2017 15:17

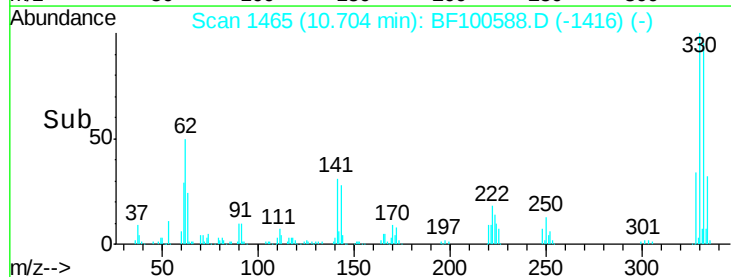
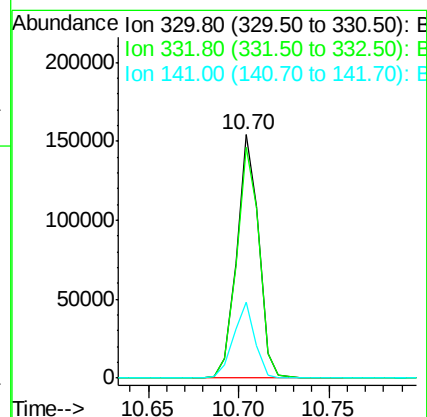
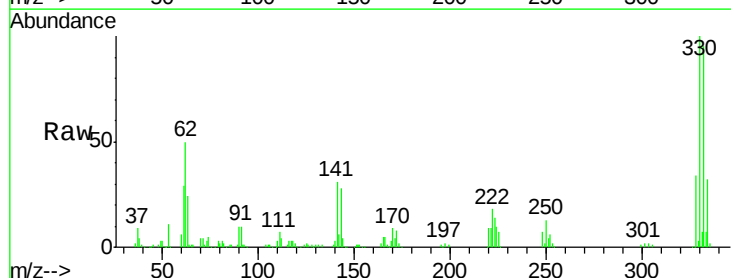
Instrument :
 BNA_F
 ClientSampleId :

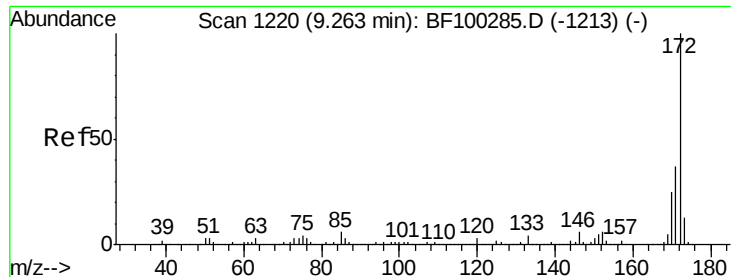
Tot Ion:164 Resp: 198458
 Ion Ratio Lower Upper
 164 100
 162 106.1 86.1 129.1
 160 46.9 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 64.46 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100588.D
 Acq: 15 Nov 2017 15:17

Tgt Ion:330 Resp: 130359
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 30.3 29.9 44.9

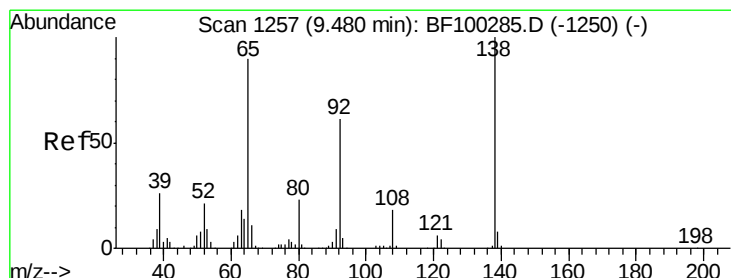
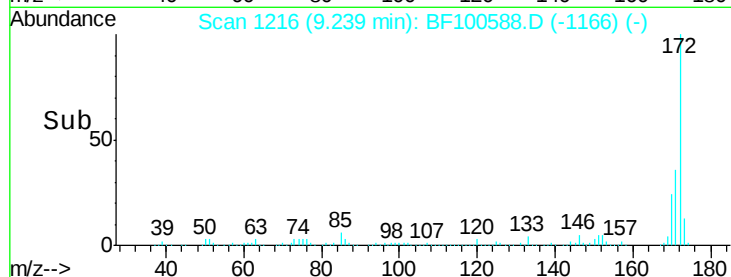
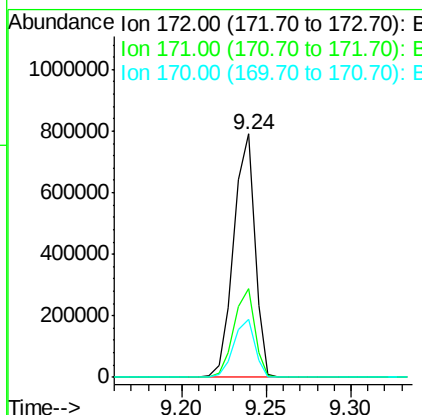
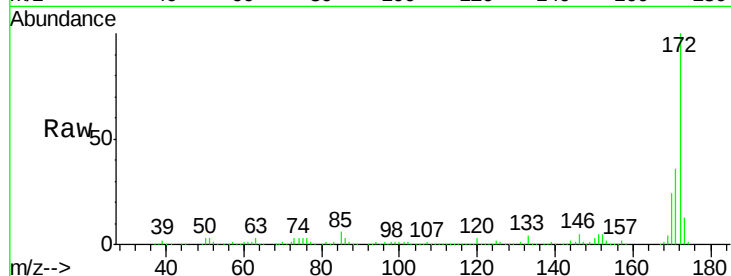




#44
 2-Fluorobiphenyl
 Concen: 52.98 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF100588.D
 Acq: 15 Nov 2017 15:17

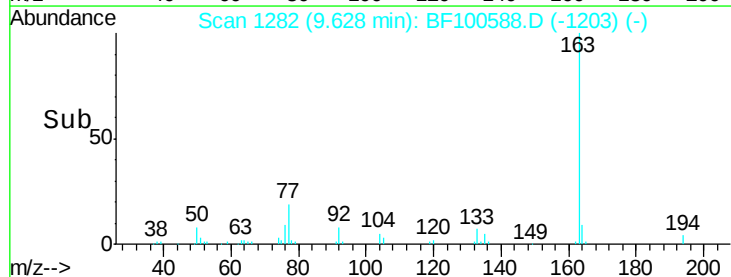
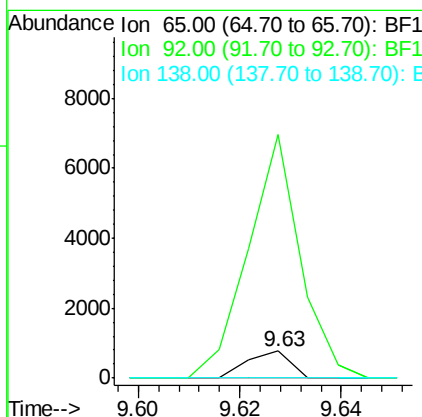
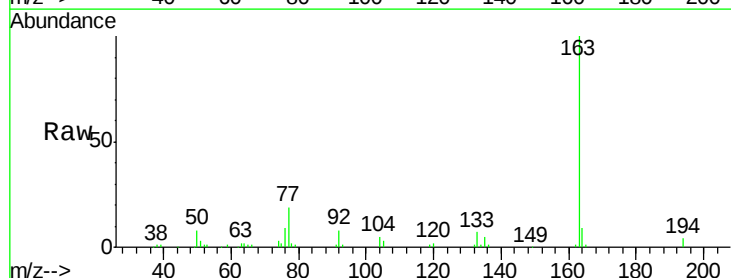
Instrument :
 BNA_F
 ClientSampled :

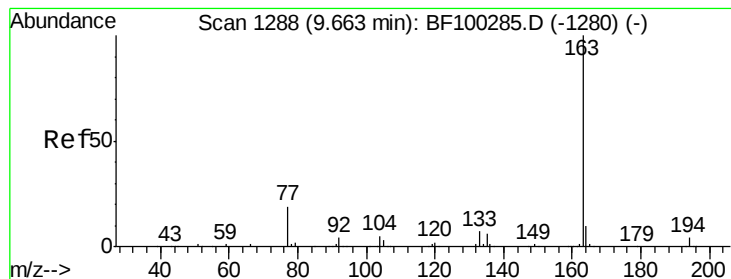
Tot Ion:172 Resp: 690545
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 23.7 19.6 29.4



#47
 2-Nitroaniline
 Concen: 2.90 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. 0.16 min
 Lab File: BF100588.D
 Acq: 15 Nov 2017 15:17

Tgt Ion: 65 Resp: 460
 Ion Ratio Lower Upper
 65 100
 92 896.5 55.8 83.6#
 138 0.0 91.2 136.8#





#49

Dimethylphthalate

Concen: 4.10 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF100588.D

Acq: 15 Nov 2017 15:17

Instrument :

BNA_F

ClientSampleId :

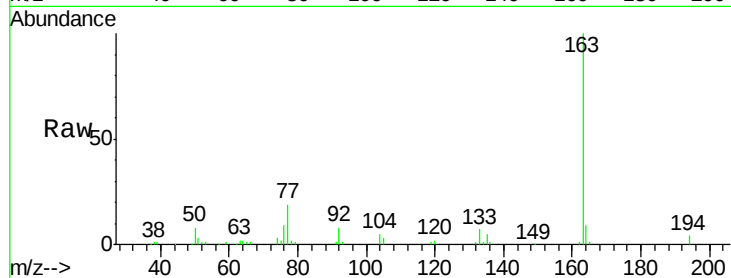
Tot Ion:163 Resp: 62132

Ion Ratio Lower Upper

163 100

194 4.3 2.7 4.1#

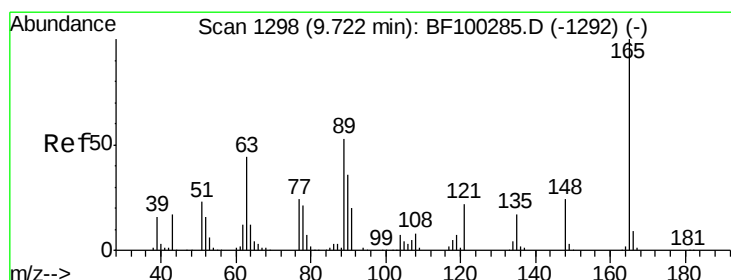
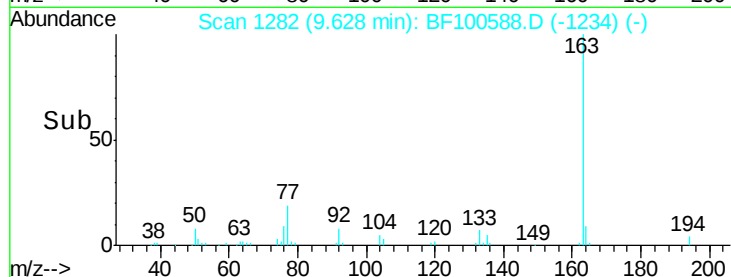
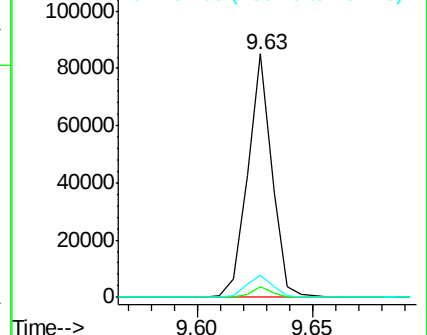
164 9.4 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 8.55 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.21 min

Lab File: BF100588.D

Acq: 15 Nov 2017 15:17

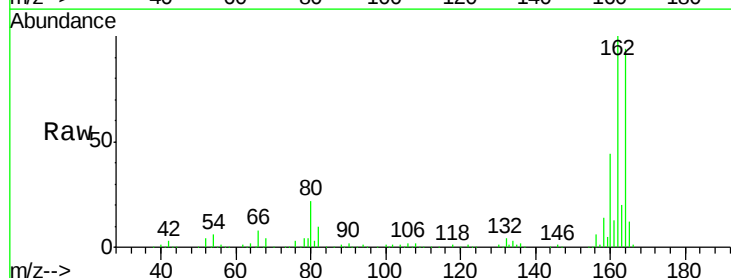
Tgt Ion:165 Resp: 25641

Ion Ratio Lower Upper

165 100

63 1.2 44.7 67.1#

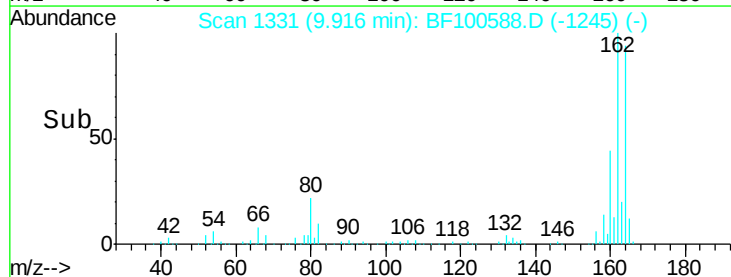
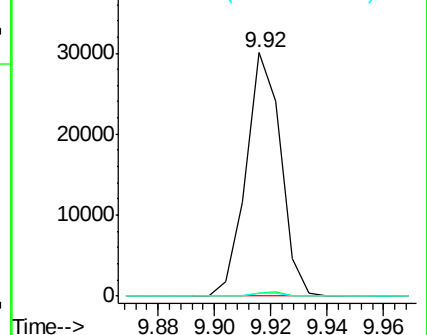
89 1.1 44.0 66.0#

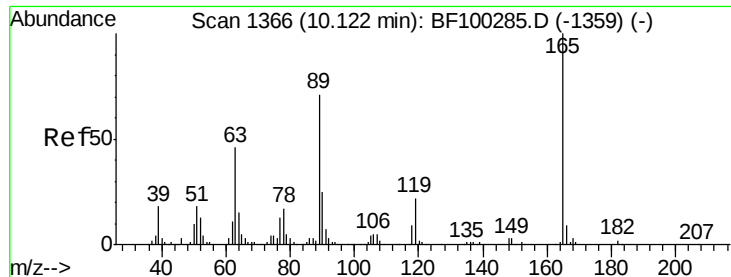


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

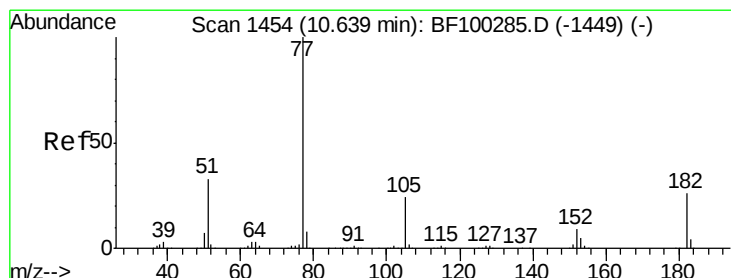
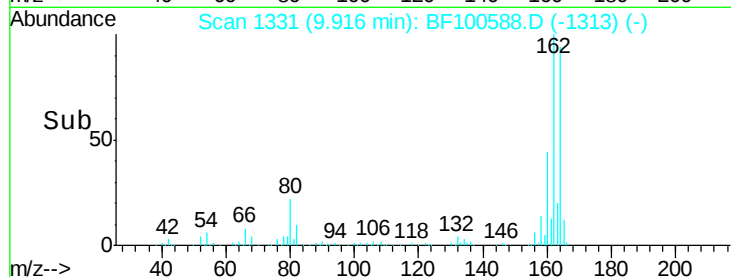
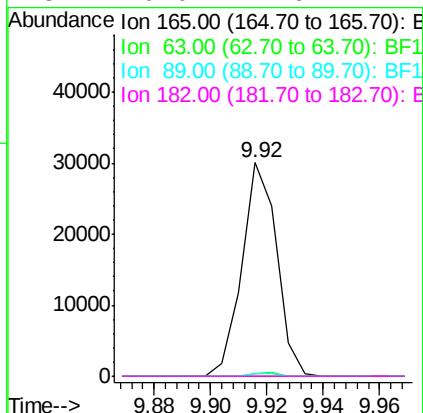
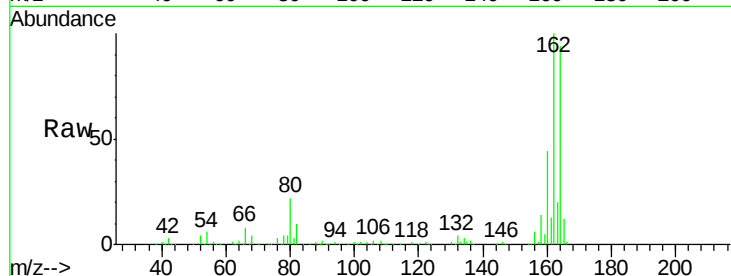




#56
 2,4-Dinitrotoluene
 Concen: 6.78 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF100588.D
 Acq: 15 Nov 2017 15:17

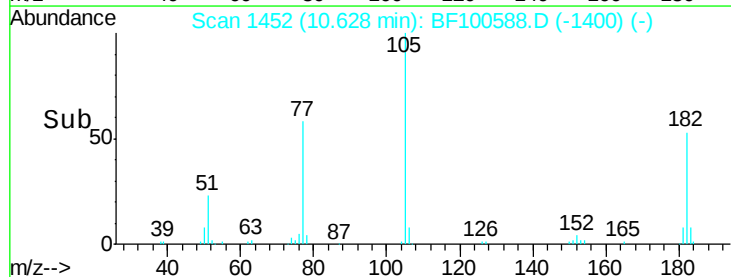
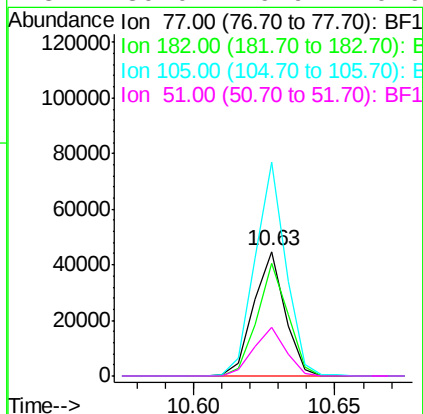
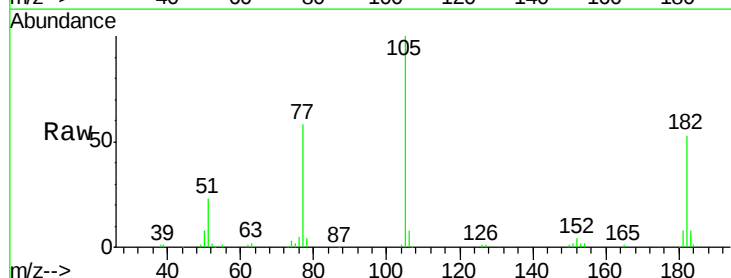
Instrument :
 BNA_F
 ClientSampleId :

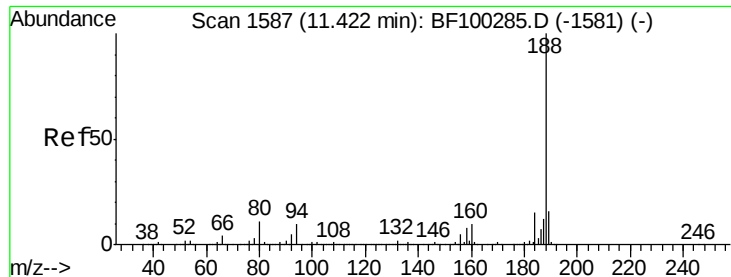
Tot Ion:	165	Resp:	25641
Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.1	57.8	86.6#
182	0.0	1.6	2.4#



#62
 Azobenzene
 Concen: 2.41 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.01 min
 Lab File: BF100588.D
 Acq: 15 Nov 2017 15:17

Tgt Ion:	77	Resp:	34418
Ion	Ratio	Lower	Upper
77	100		
182	90.1	1.7	41.7#
105	171.3	3.0	43.0#
51	39.0	9.9	49.9

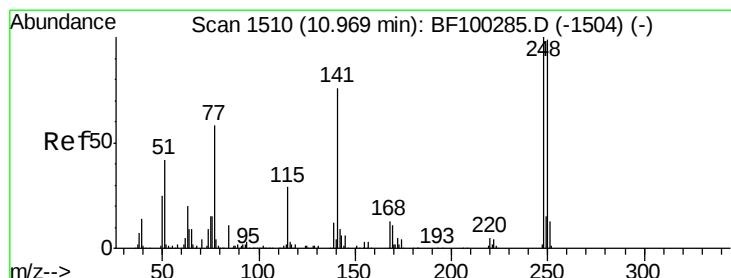
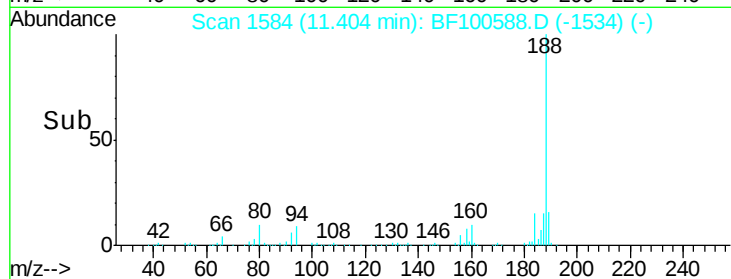
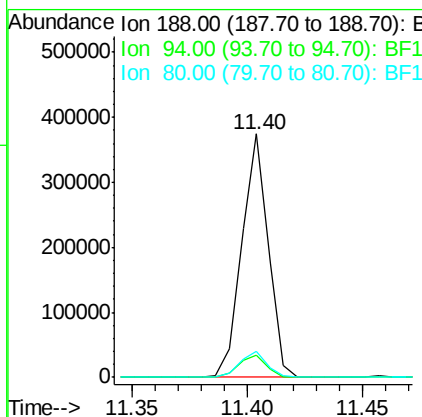
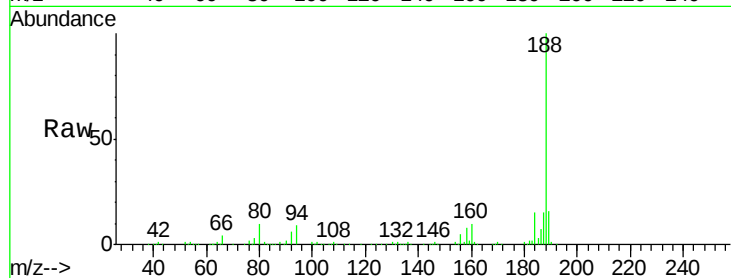




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF100588.D
Acq: 15 Nov 2017 15:17

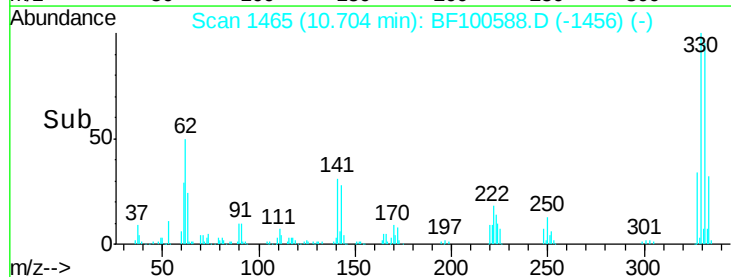
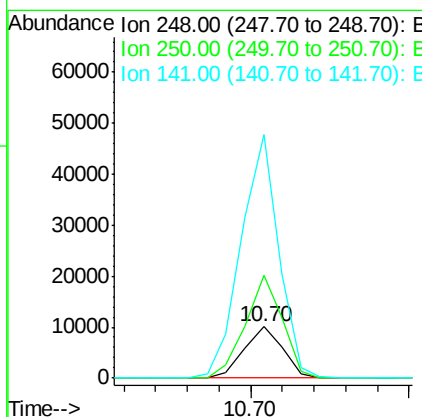
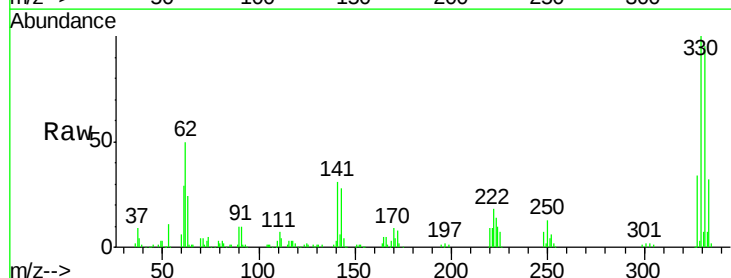
Instrument :
BNA_F
ClientSampled :

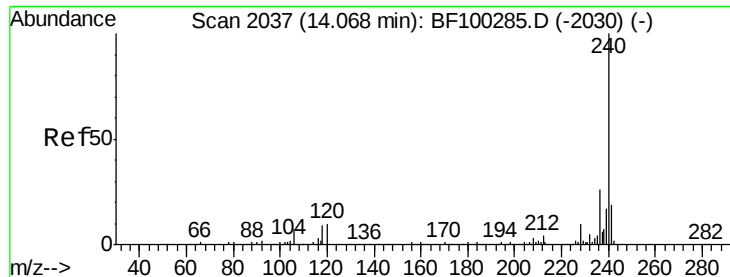
Tot Ion:188 Resp: 299499
Ion Ratio Lower Upper
188 100
94 9.2 8.5 12.7
80 10.5 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.63 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF100588.D
Acq: 15 Nov 2017 15:17

Tgt Ion:248 Resp: 8433
Ion Ratio Lower Upper
248 100
250 199.1 76.9 115.3#
141 472.8 74.4 111.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF100588.D

Acq: 15 Nov 2017 15:17

Instrument :

BNA_F

ClientSampleId :

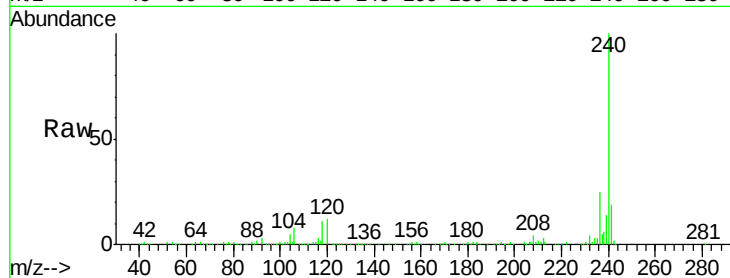
Tot Ion:240 Resp: 255940

Ion Ratio Lower Upper

240 100

120 11.7 9.5 14.3

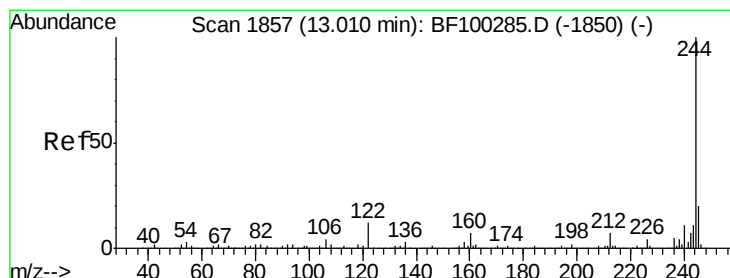
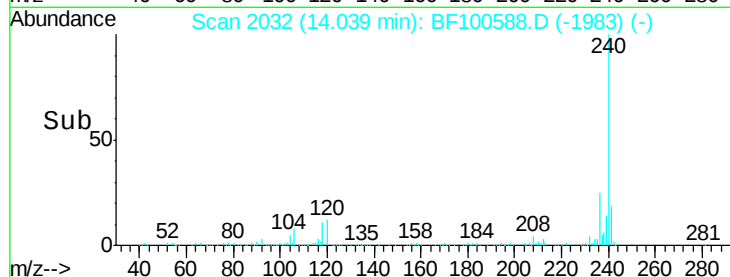
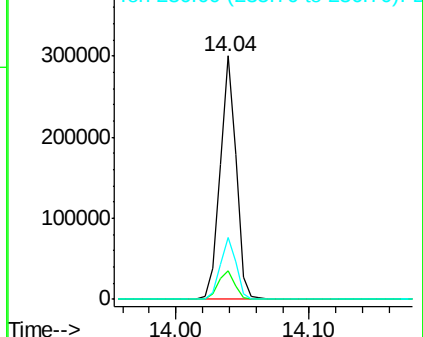
236 25.2 20.7 31.1



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



#78

Terphenyl-d14

Concen: 38.32 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF100588.D

Acq: 15 Nov 2017 15:17

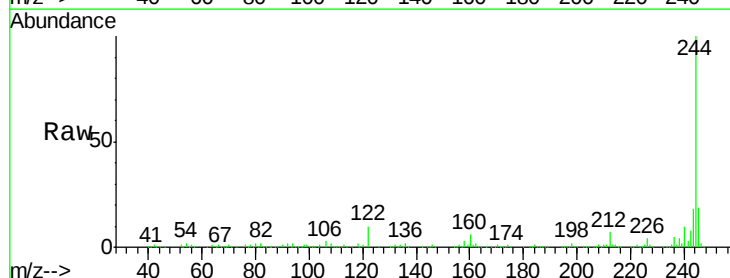
Tgt Ion:244 Resp: 426870

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

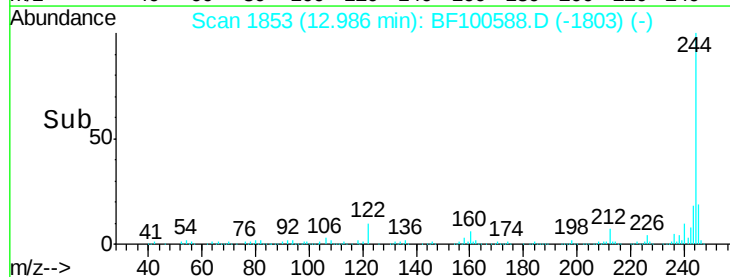
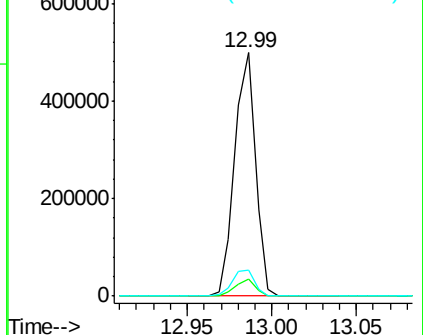
122 10.5 11.0 16.4#

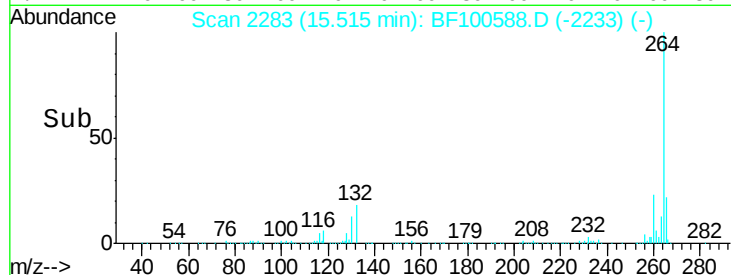
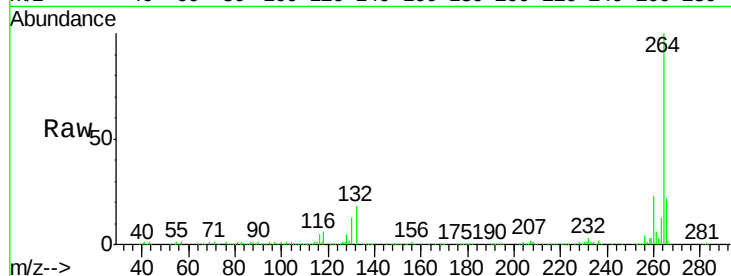
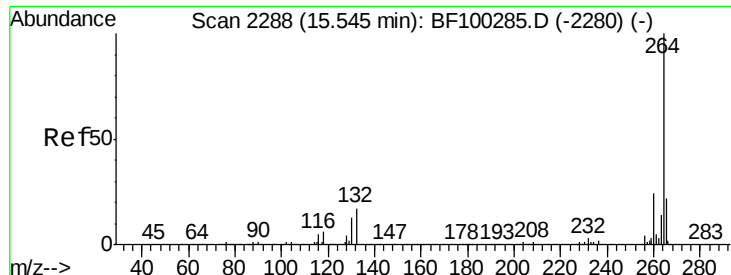


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.01 min
Lab File: BF100588.D
Acq: 15 Nov 2017 15:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	268120
Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.2	28.8
265	22.3	17.5	26.3

