

Data File : BF100692.D
Acq On : 17 Nov 2017 23:44
Operator : SJ/JU
Sample : I6478-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-1-D

Quant Time: Nov 18 00:17:09 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	103568	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	410223	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	193722	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	339834	20.00	ng	0.00
75) Chrysene-d12	14.04	240	236773	20.00	ng	0.00
86) Perylene-d12	15.52	264	241824	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	455637	70.52	ng	0.00
7) Phenol-d6	6.50	99	564245	70.82	ng	0.00
23) Nitrobenzene-d5	7.44	82	338411	54.54	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	146554	74.24	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	621552	48.86	ng	0.00
78) Terphenyl-d14	12.99	244	493694	47.91	ng	0.00

Target Compounds						Qvalue
10) Phenol	6.52	94	30187	3.61	ng	95
19) n-Nitroso-di-n-propylamine	7.44	70	43705	7.91	ng	# 80
25) Isophorone	7.44	82	338407	25.95	ng	# 64
47) 2-Nitroaniline	9.23	65	888	3.02	ng	# 1
50) 2,6-Dinitrotoluene	9.92	165	24806	8.47	ng	# 25
56) 2,4-Dinitrotoluene	9.92	165	24806	6.72	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.70	198	258	8.69	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	8858	2.43	ng	# 1

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

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BNA_F

ClientSampled :

SP-1-D

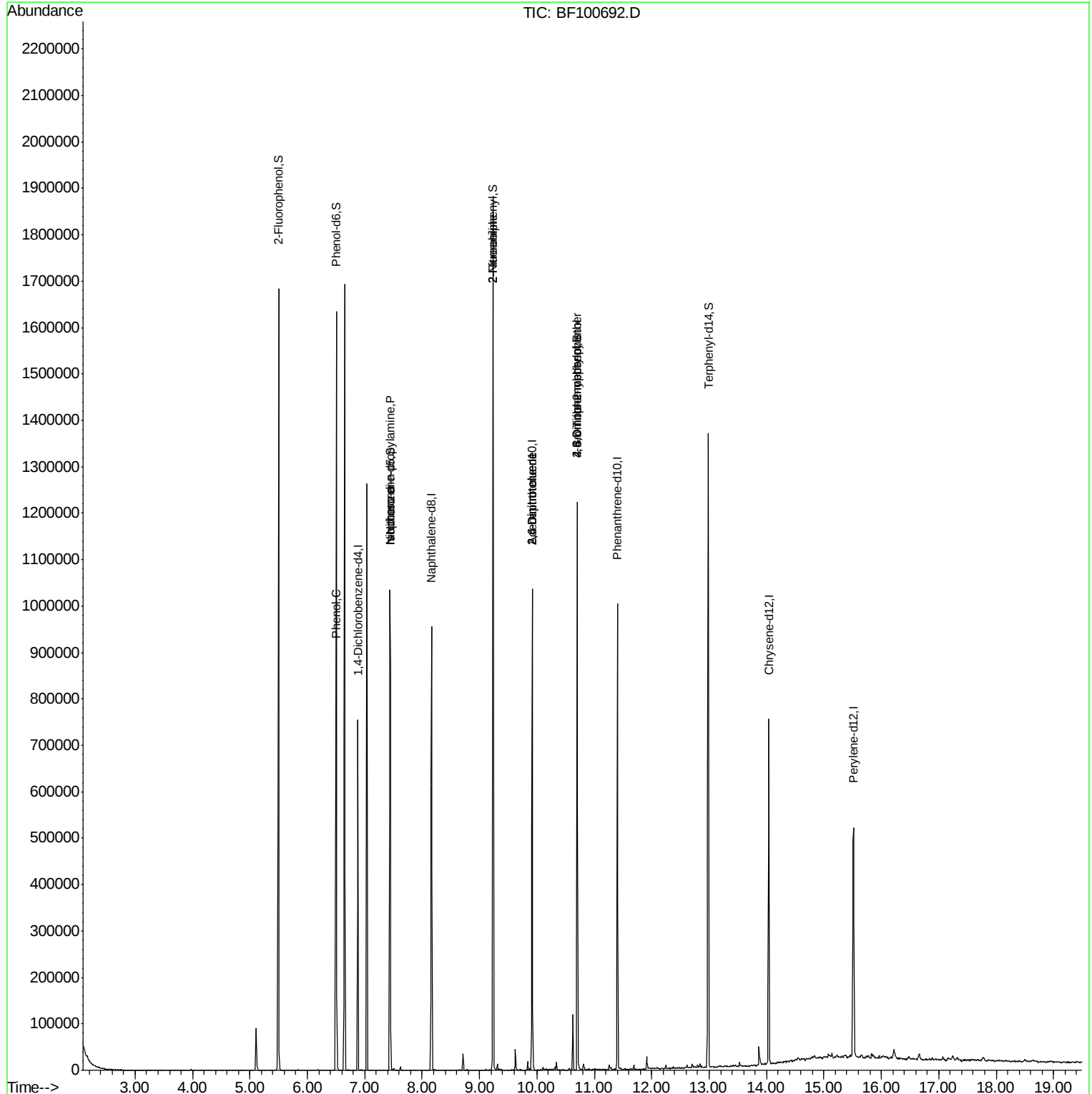
Quant Time: Nov 18 00:17:09 2017

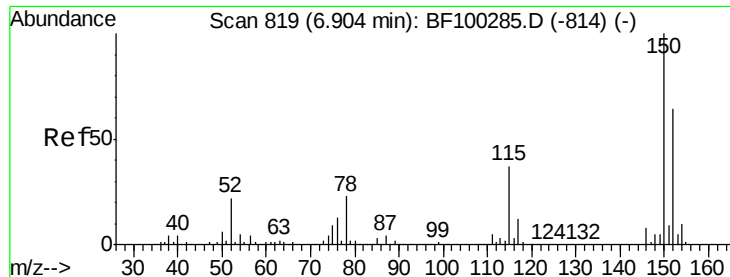
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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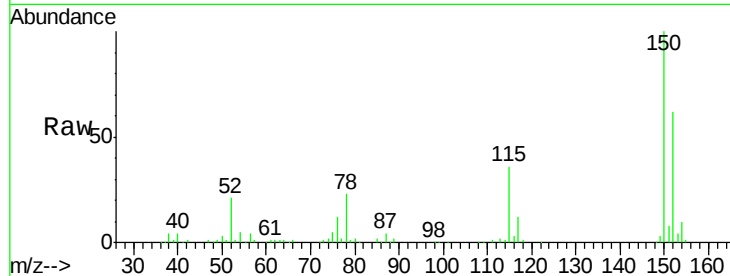


#1

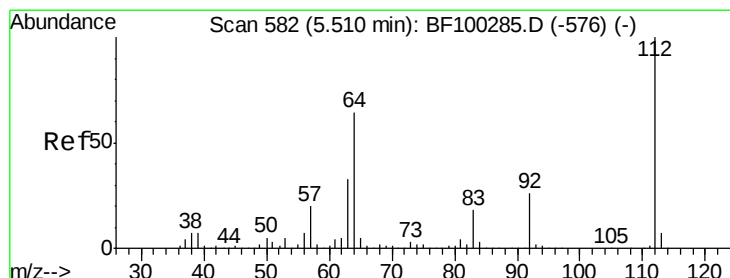
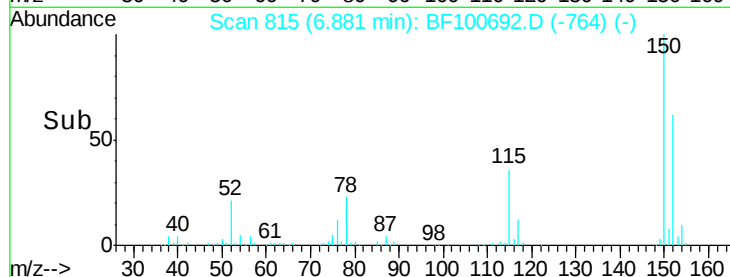
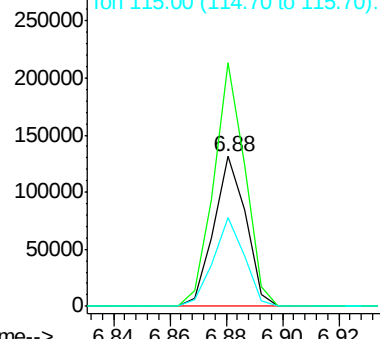
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF100692.D
Acq: 17 Nov 2017 23:44

Instrument :
BNA_F
ClientSampleId :
SP-1-D

Tgt Ion:152 Resp: 103568
Ion Ratio Lower Upper
152 100
150 162.2 124.6 186.8
115 59.1 50.1 75.1



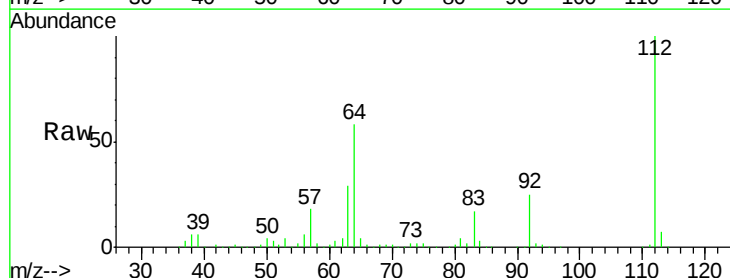
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



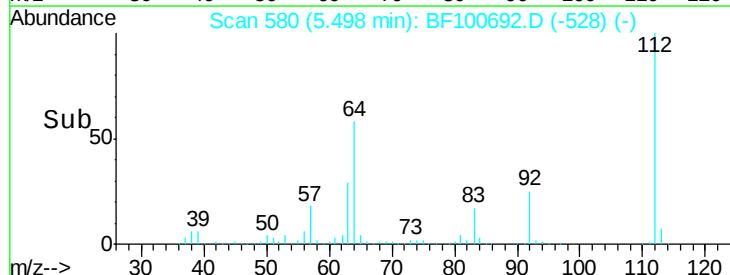
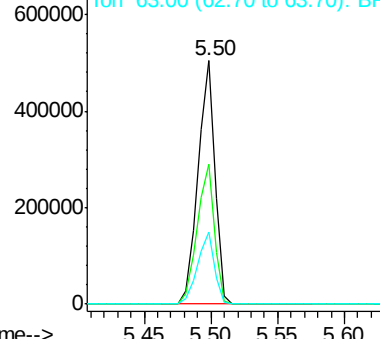
#5

2-Fluorophenol
Concen: 70.52 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF100692.D
Acq: 17 Nov 2017 23:44

Tgt Ion:112 Resp: 455637
Ion Ratio Lower Upper
112 100
64 57.6 47.9 71.9
63 29.4 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: 70.82 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF100692.D

Acq: 17 Nov 2017 23:44

Instrument :

BNA_F

ClientSampleId :

SP-1-D

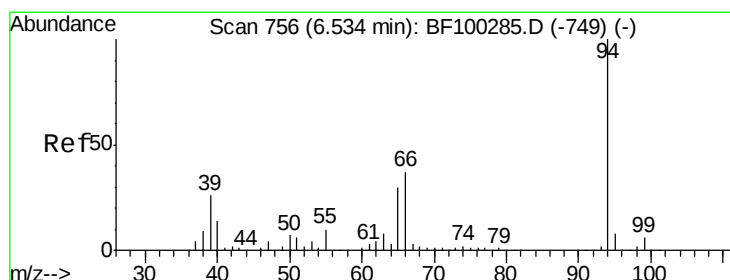
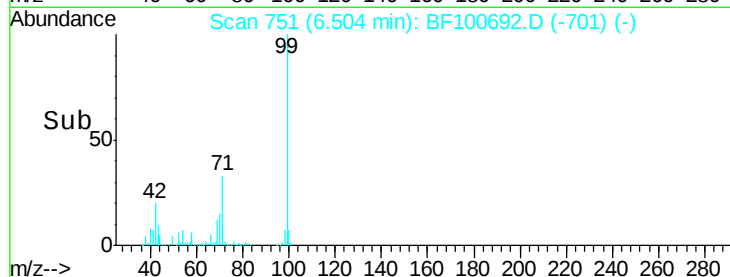
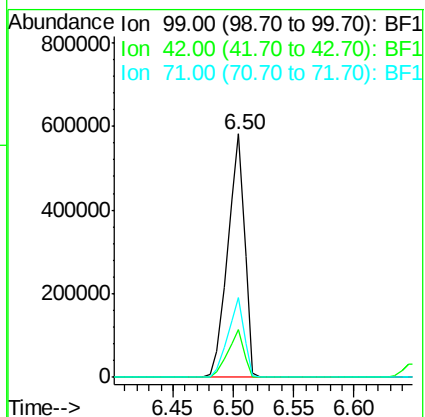
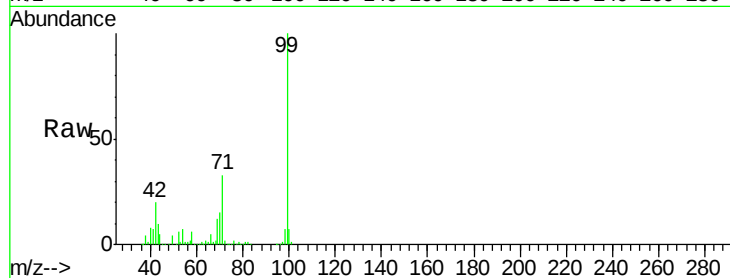
Tgt Ion: 99 Resp: 564245

Ion Ratio Lower Upper

99 100

42 19.8 14.5 21.7

71 32.7 25.4 38.0



#10

Phenol

Concen: 3.61 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100692.D

Acq: 17 Nov 2017 23:44

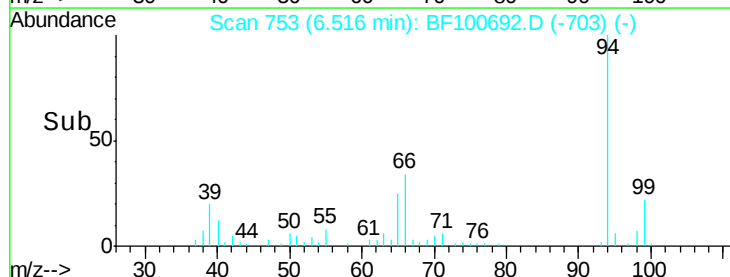
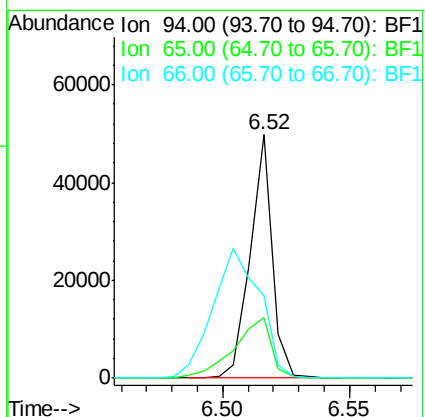
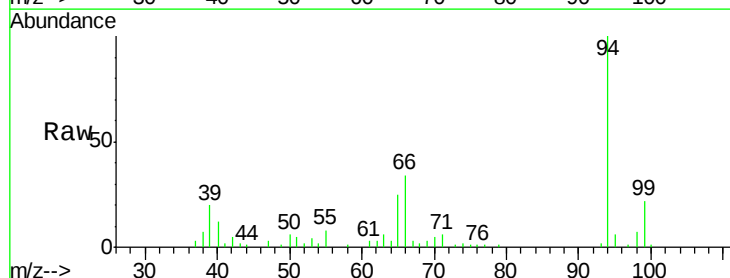
Tgt Ion: 94 Resp: 30187

Ion Ratio Lower Upper

94 100

65 25.1 7.9 47.9

66 33.8 16.2 56.2

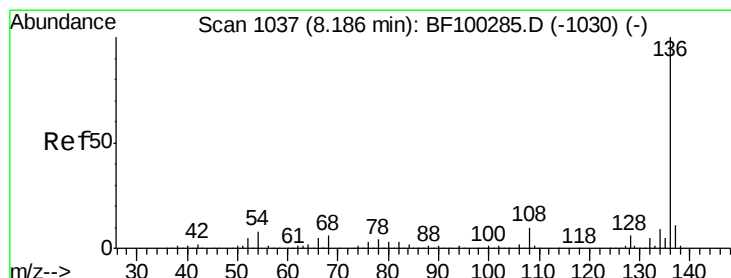
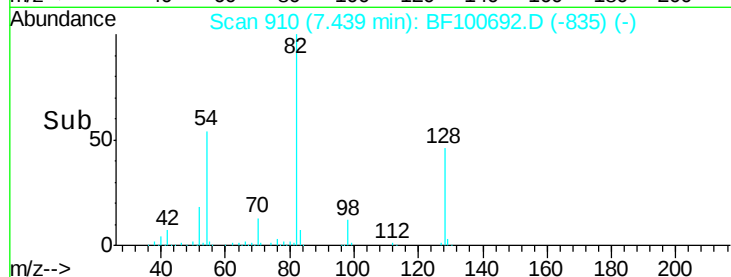
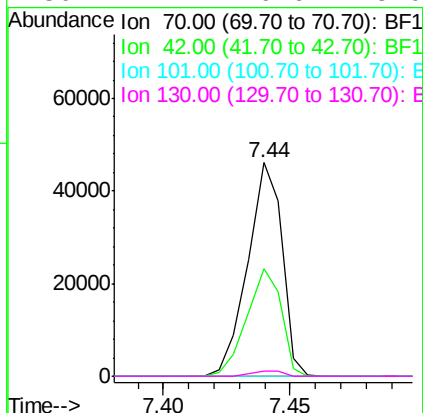
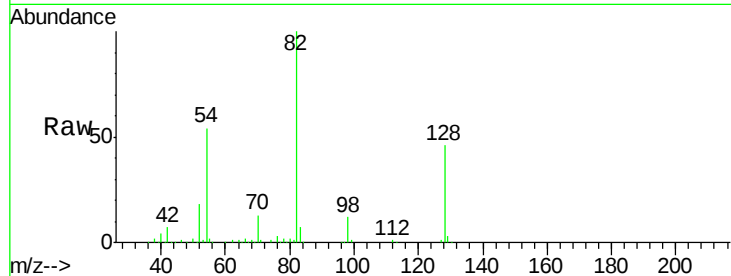




#19
n-Nitroso-di-n-propylamine
Concen: 7.91 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.14 min
Lab File: BF100692.D
Acq: 17 Nov 2017 23:44

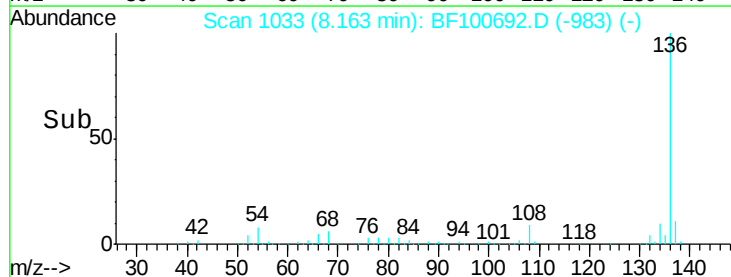
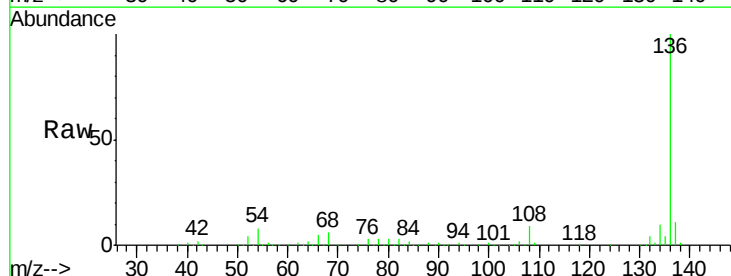
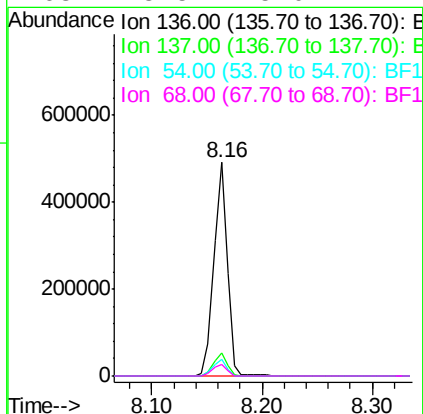
Instrument :
BNA_F
ClientSampleId :
SP-1-D

Tgt Ion: 70 Resp: 43705
Ion Ratio Lower Upper
70 100
42 50.3 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: BF100692.D
Acq: 17 Nov 2017 23:44

Tgt Ion: 136 Resp: 410223
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 8.1 6.6 9.8
68 5.5 5.0 7.4

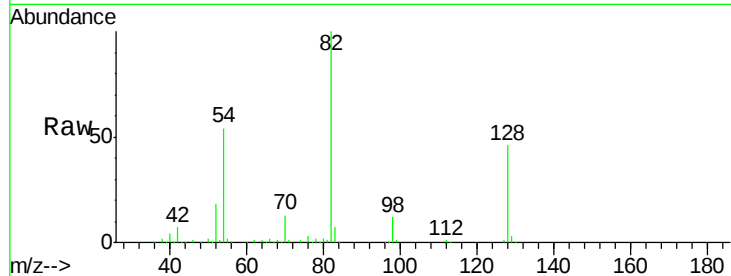




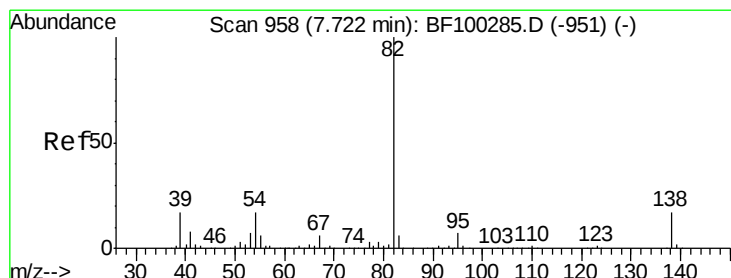
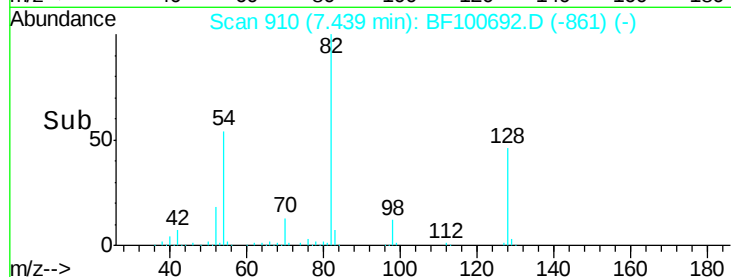
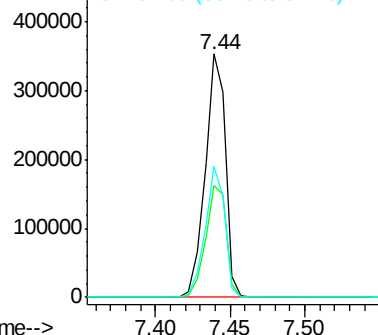
#23
 Nitrobenzene-d5
 Concen: 54.54 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF100692.D
 Acq: 17 Nov 2017 23:44

Instrument :
 BNA_F
 ClientSampleID :
 SP-1-D

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.1	54.1
54	53.7	41.4	62.2

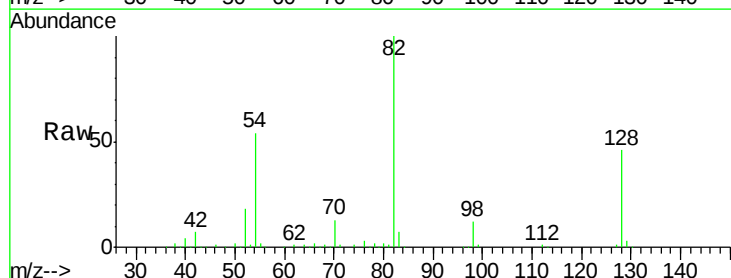


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

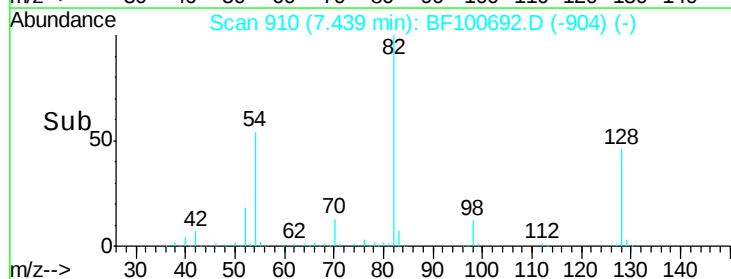
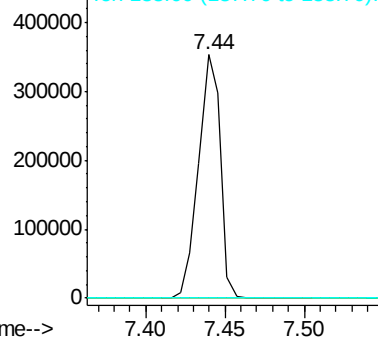


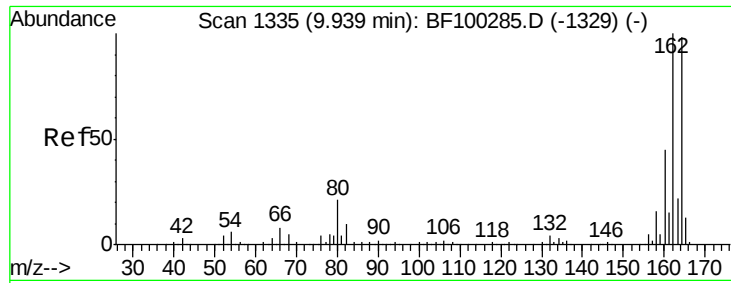
#25
 Isophorone
 Concen: 25.95 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.26 min
 Lab File: BF100692.D
 Acq: 17 Nov 2017 23:44

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

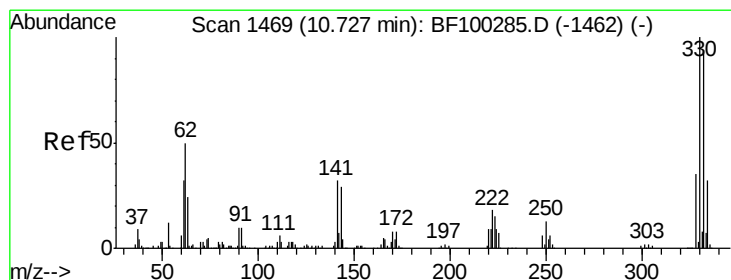
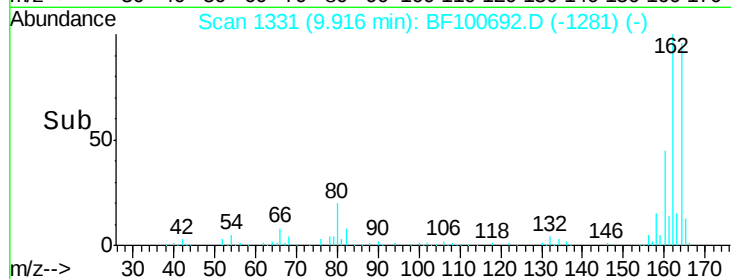
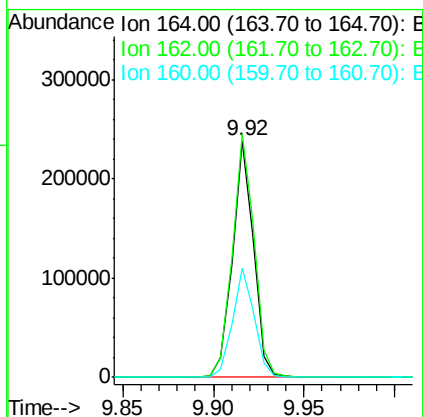
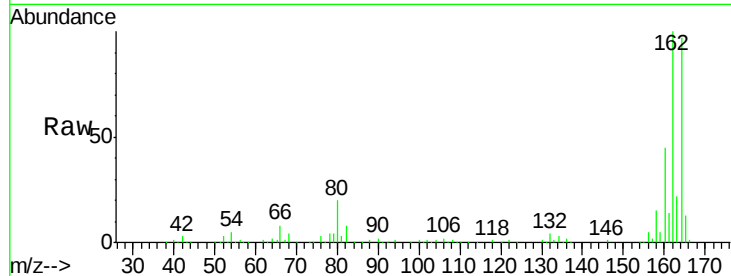




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF100692.D
 Acq: 17 Nov 2017 23:44

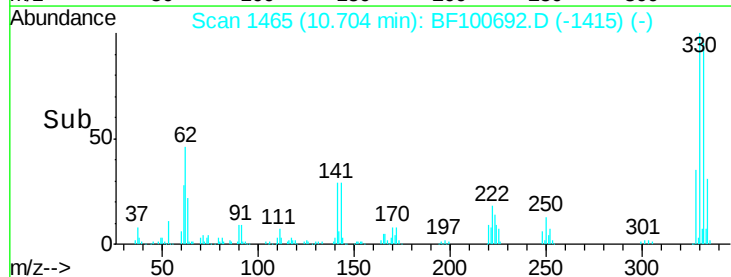
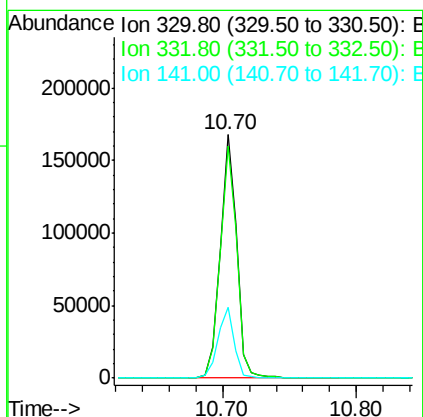
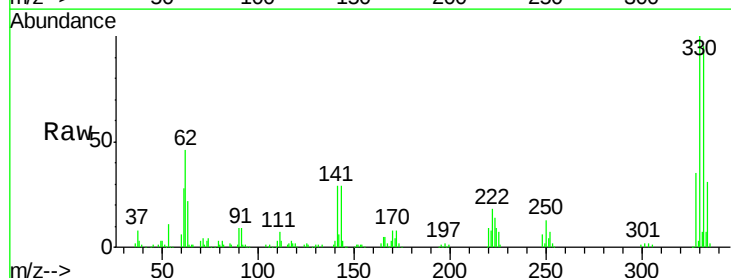
Instrument :
 BNA_F
 ClientSampleId :
 SP-1-D

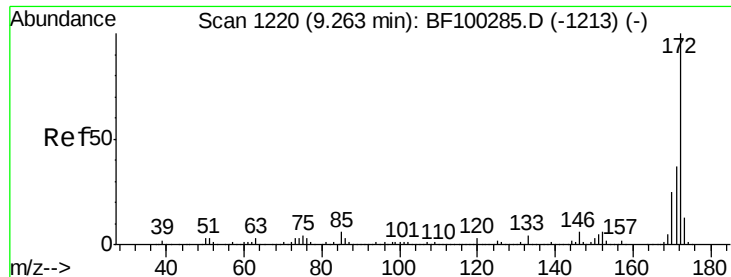
Tgt Ion:164 Resp: 193722
 Ion Ratio Lower Upper
 164 100
 162 102.9 86.1 129.1
 160 46.4 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 74.24 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100692.D
 Acq: 17 Nov 2017 23:44

Tgt Ion:330 Resp: 146554
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 28.7 29.9 44.9#

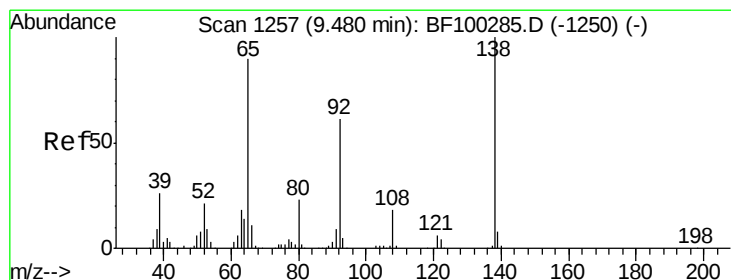
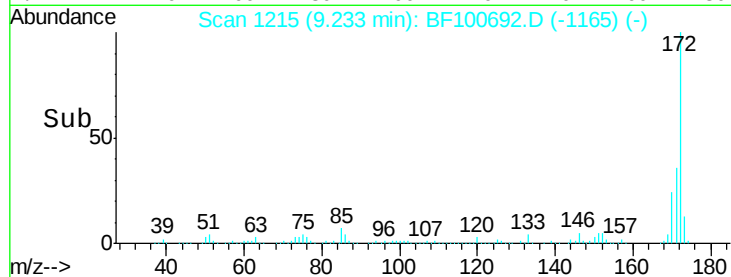
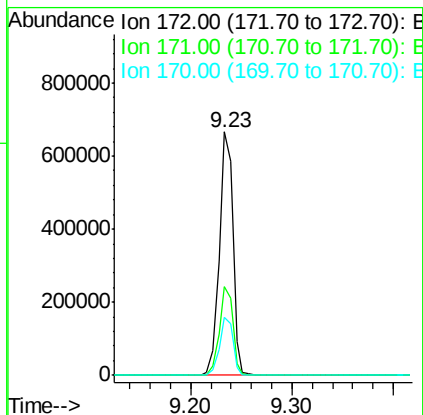
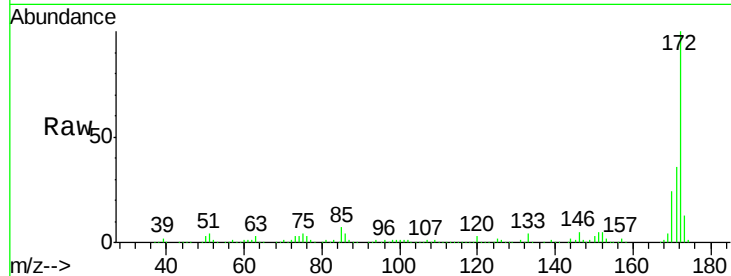




#44
 2-Fluorobiphenyl
 Concen: 48.86 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF100692.D
 Acq: 17 Nov 2017 23:44

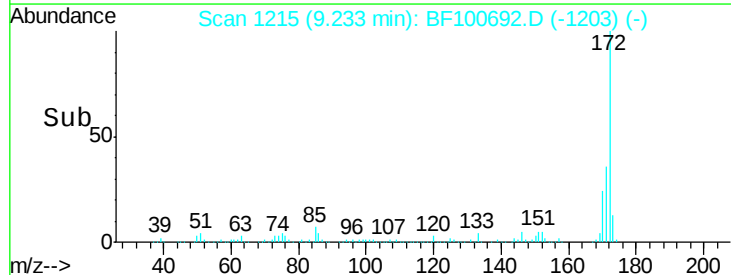
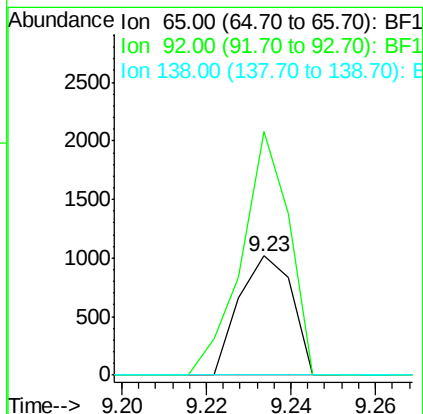
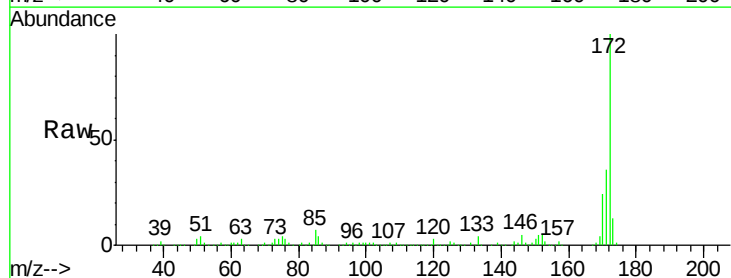
Instrument :
 BNA_F
 ClientSampleId :
 SP-1-D

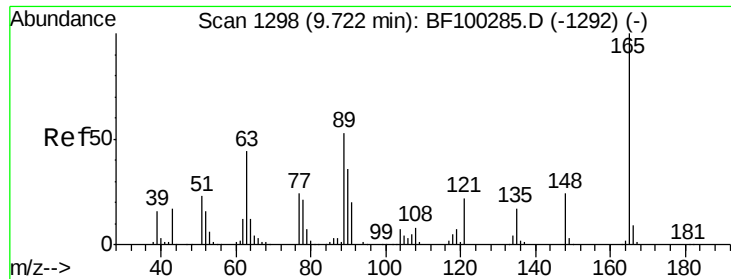
Tgt Ion: 172 Resp: 621552
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 23.7 19.6 29.4



#47
 2-Nitroaniline
 Concen: 3.02 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.23 min
 Lab File: BF100692.D
 Acq: 17 Nov 2017 23:44

Tgt Ion: 65 Resp: 888
 Ion Ratio Lower Upper
 65 100
 92 204.0 55.8 83.6#
 138 0.0 91.2 136.8#

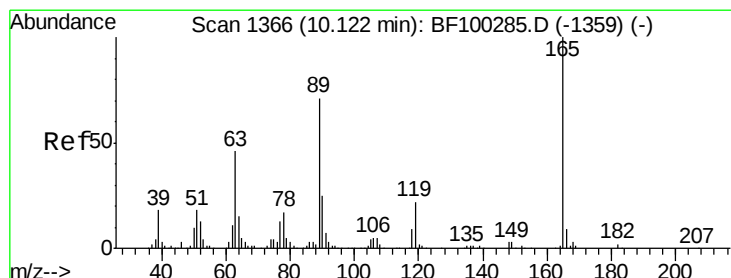
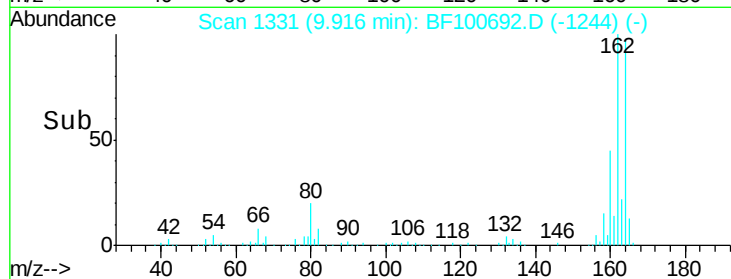
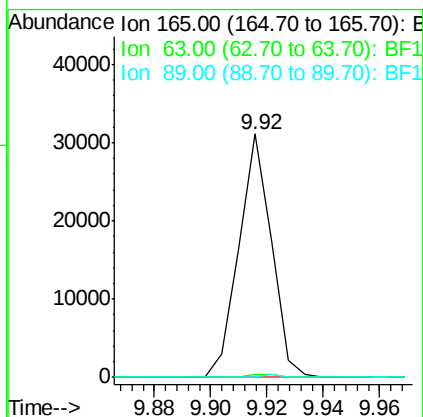
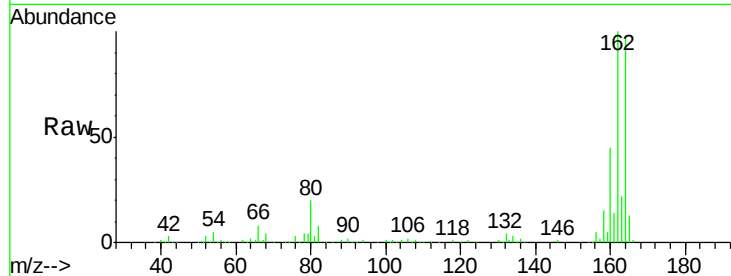




#50
 2,6-Dinitrotoluene
 Concen: 8.47 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.21 min
 Lab File: BF100692.D
 Acq: 17 Nov 2017 23:44

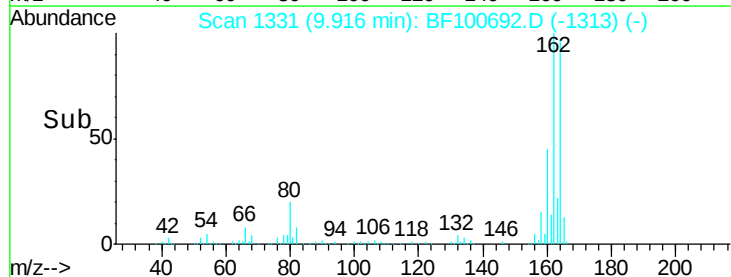
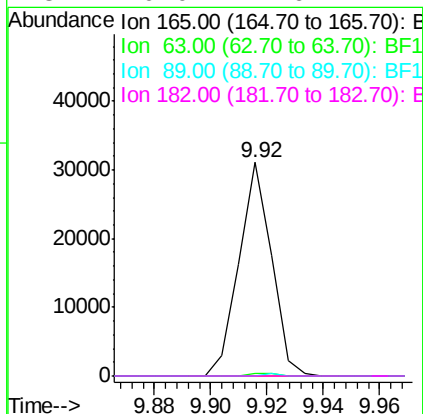
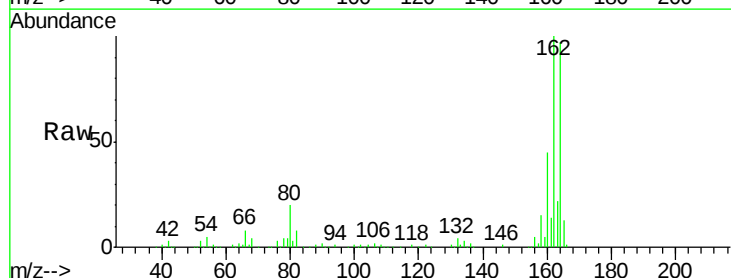
Instrument :
 BNA_F
 ClientSampleId :
 SP-1-D

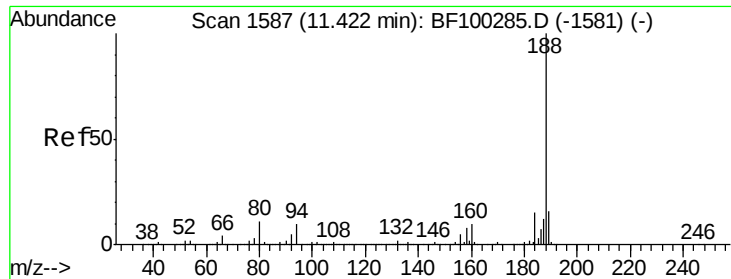
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	0.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.72 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF100692.D
 Acq: 17 Nov 2017 23:44

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

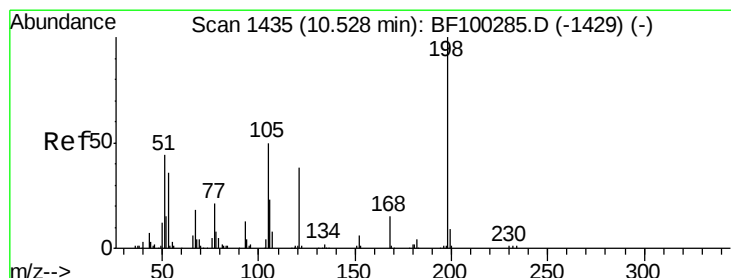
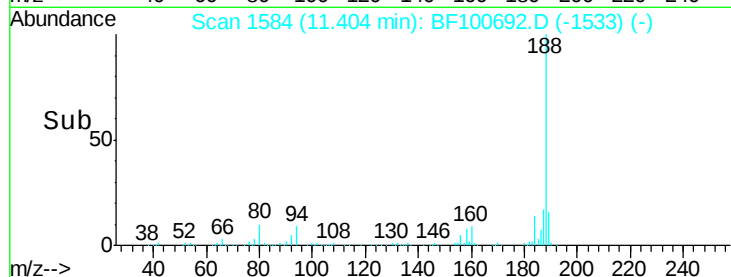
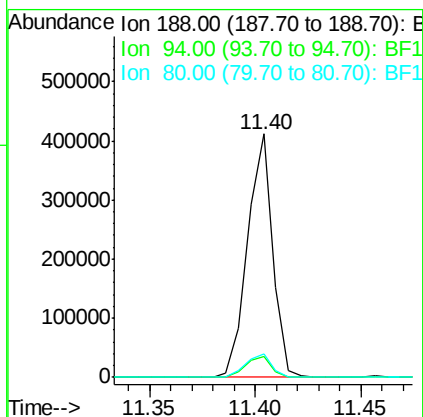
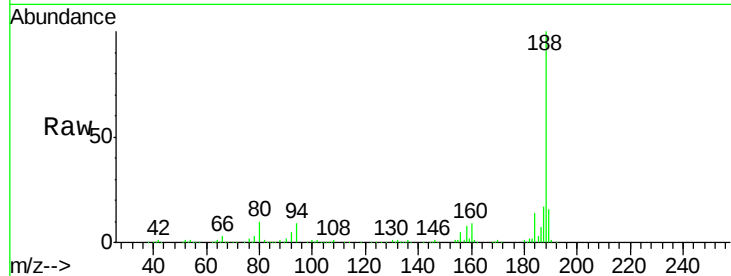




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF100692.D
Acq: 17 Nov 2017 23:44

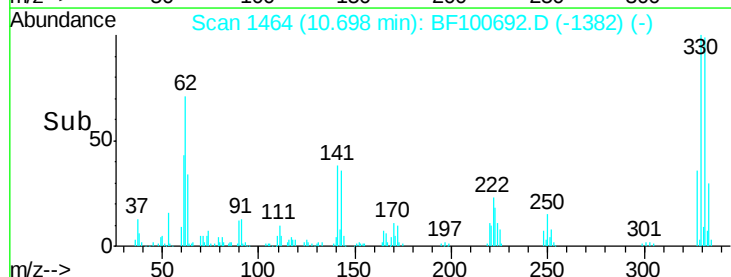
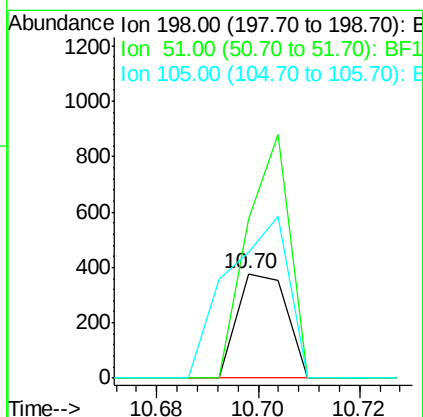
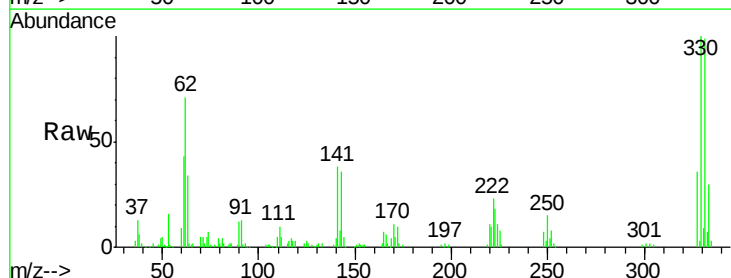
Instrument :
BNA_F
ClientSampled :
SP-1-D

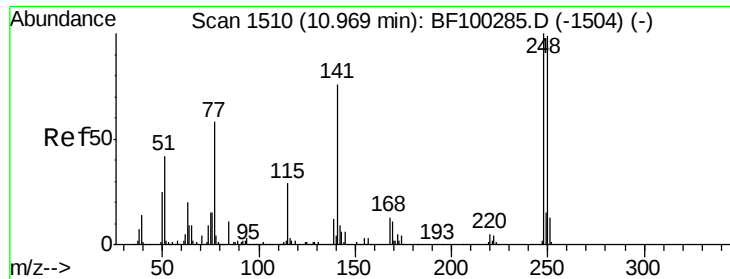
Tgt Ion:188 Resp: 339834
Ion Ratio Lower Upper
188 100
94 8.6 8.5 12.7
80 9.8 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 8.69 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.18 min
Lab File: BF100692.D
Acq: 17 Nov 2017 23:44

Tgt Ion:198 Resp: 258
Ion Ratio Lower Upper
198 100
51 153.1 37.7 77.7#
105 120.2 36.3 76.3#

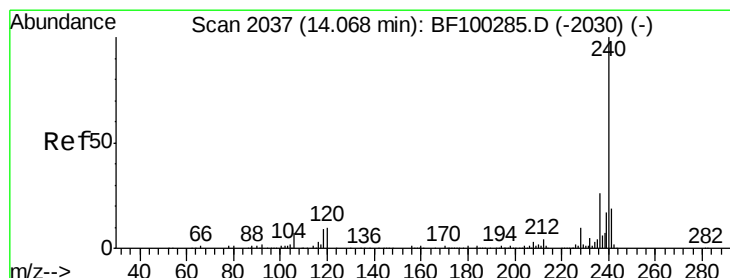
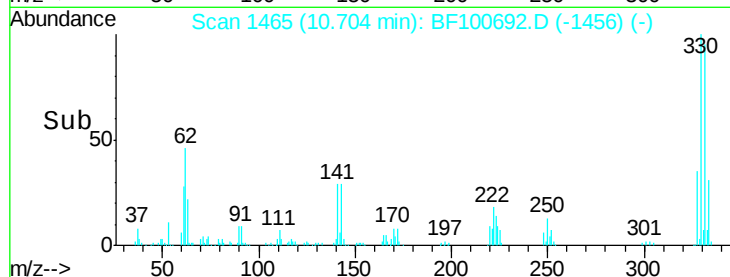
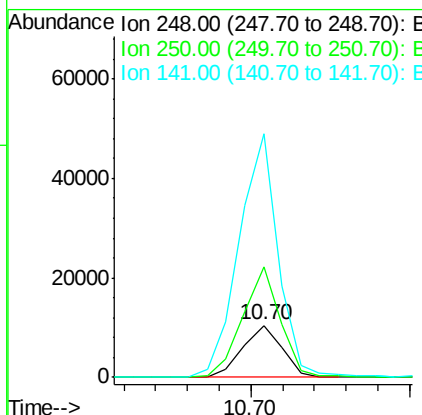
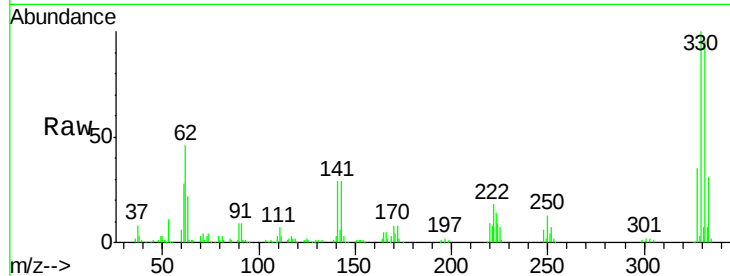




#66
4-Bromophenyl-phenylether
Concen: 2.43 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF100692.D
Acq: 17 Nov 2017 23:44

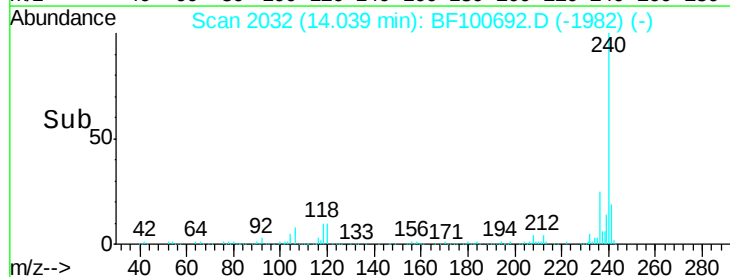
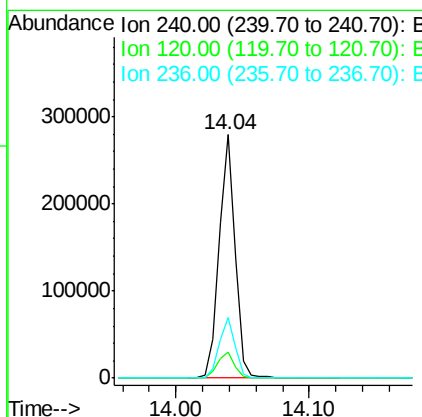
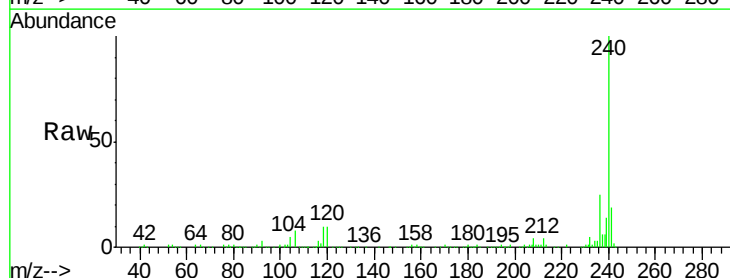
Instrument :
BNA_F
ClientSampleId :
SP-1-D

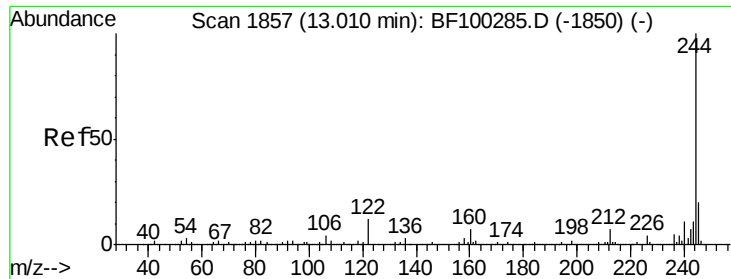
Tgt Ion:248 Resp: 8858
Ion Ratio Lower Upper
248 100
250 213.3 76.9 115.3#
141 470.7 74.4 111.6#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF100692.D
Acq: 17 Nov 2017 23:44

Tgt Ion:240 Resp: 236773
Ion Ratio Lower Upper
240 100
120 10.5 9.5 14.3
236 25.1 20.7 31.1

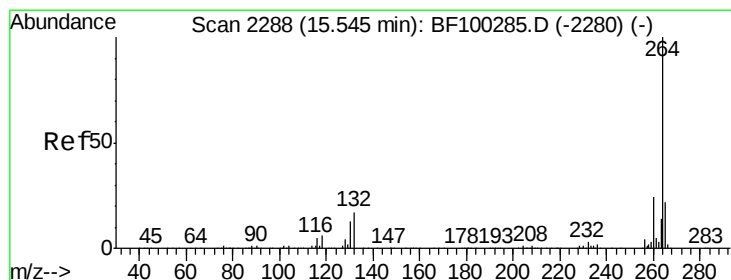
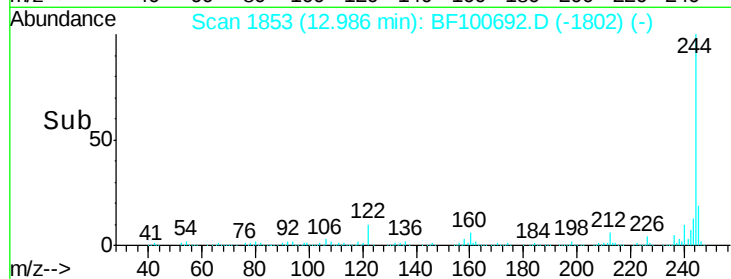
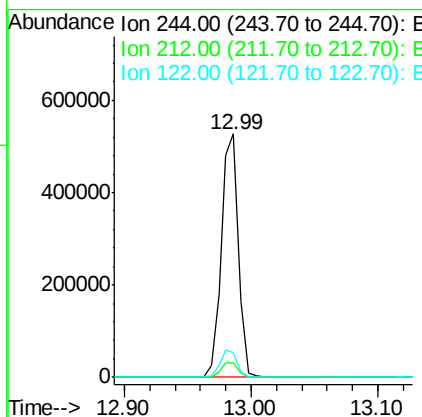
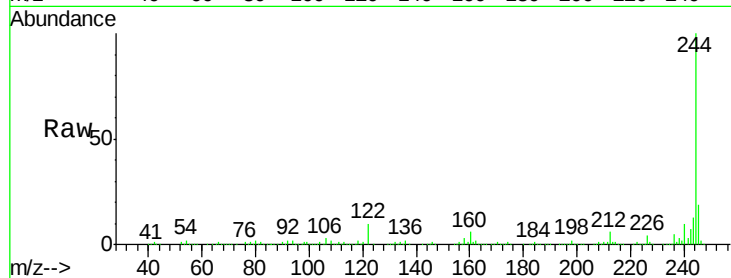




#78
 Terphenyl-d14
 Concen: 47.91 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: BF100692.D
 Acq: 17 Nov 2017 23:44

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-D

Tgt Ion:244 Resp: 493694
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.4 8.0
 122 10.0 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.52 min Scan# 2283
 Delta R.T. -0.00 min
 Lab File: BF100692.D
 Acq: 17 Nov 2017 23:44

Tgt Ion:264 Resp: 241824
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 21.2 17.5 26.3

