

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110415\
 Data File : BF082680.D
 Acq On : 4 Nov 2015 3:11
 Operator : UM/IZ
 Sample : G4235-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20151027MGP120BRV157

Quant Time: Nov 04 06:03:49 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 03 12:27:47 2015
 Response via : Initial Calibration

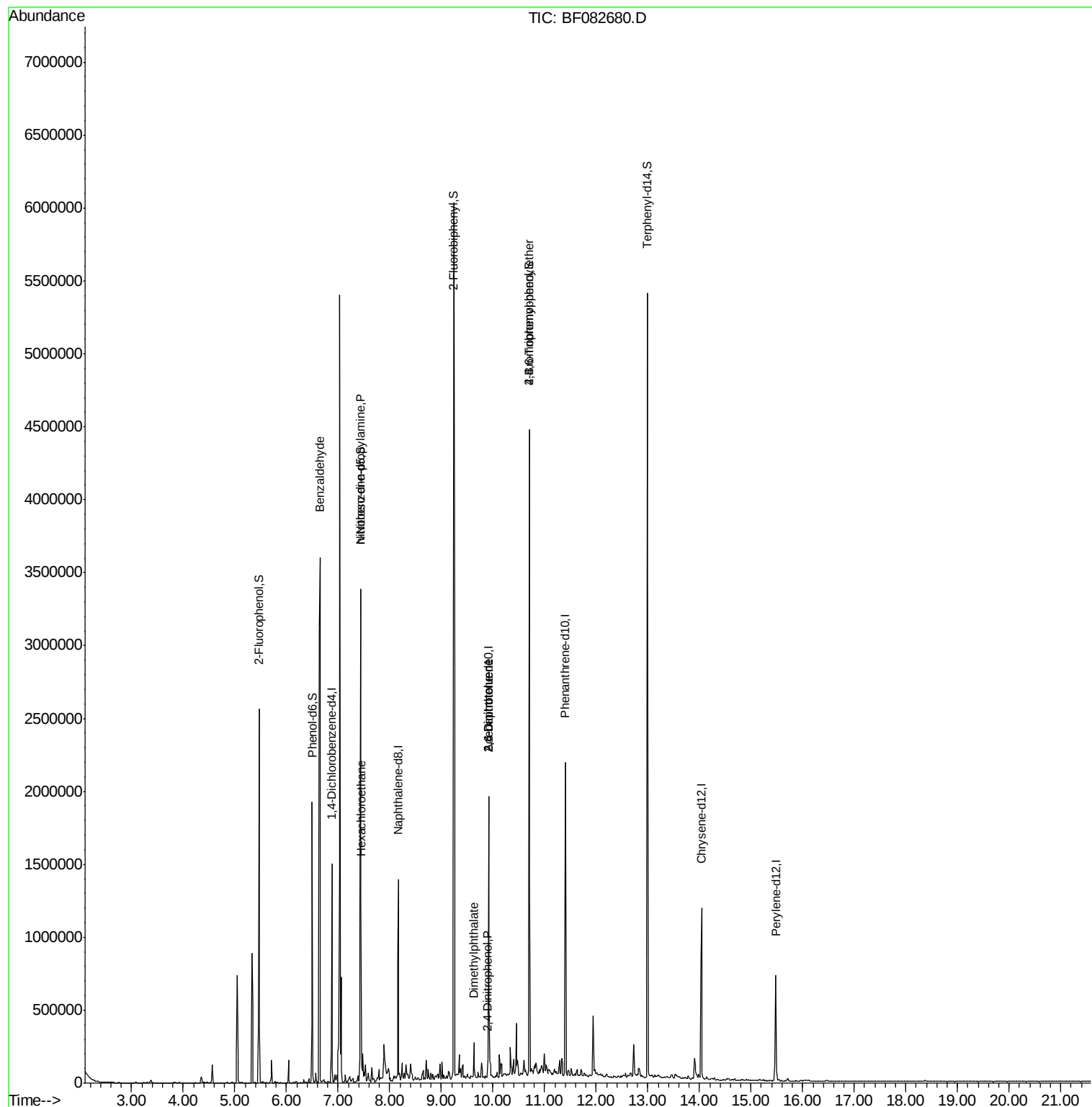
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	192209	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	723850	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	370627	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	711957	20.00	ng	-0.01
75) Chrysene-d12	14.04	240	530012	20.00	ng	-0.01
86) Perylene-d12	15.48	264	434924	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	596111	46.71	ng	0.00
7) Phenol-d6	6.50	99	557050	32.86	ng	-0.01
23) Nitrobenzene-d5	7.44	82	1289697	72.76	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	546918	134.84	ng	-0.01
44) 2-Fluorobiphenyl	9.24	172	2186765	83.77	ng	-0.01
78) Terphenyl-d14	12.99	244	2218132	91.59	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.65	77	34652	2.99	ng	93
18) Hexachloroethane	7.45	117	56134	9.21	ng	# 5
19) n-Nitroso-di-n-propylamine	7.44	70	178405	13.88	ng	# 72
49) Dimethylphthalate	9.63	163	85558	2.83	ng	97
50) 2,6-Dinitrotoluene	9.92	165	50731	8.09	ng	# 18
53) 2,4-Dinitrophenol	9.89	184	212	6.75	ng	# 5
56) 2,4-Dinitrotoluene	9.92	165	50735	5.98	ng	# 16
66) 4-Bromophenyl-phenylether	10.70	248	34793	4.31	ng	# 1

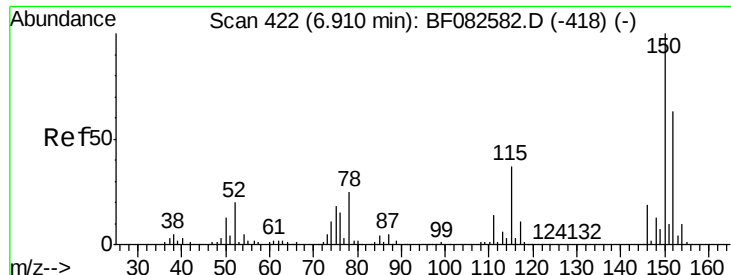
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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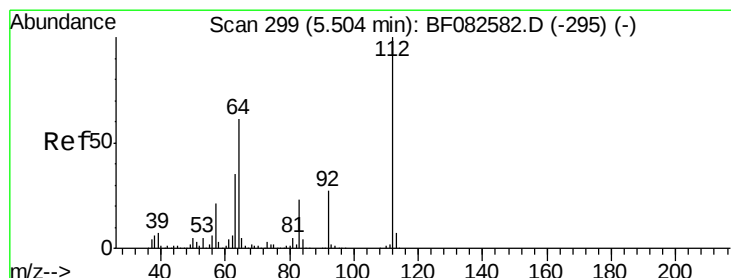
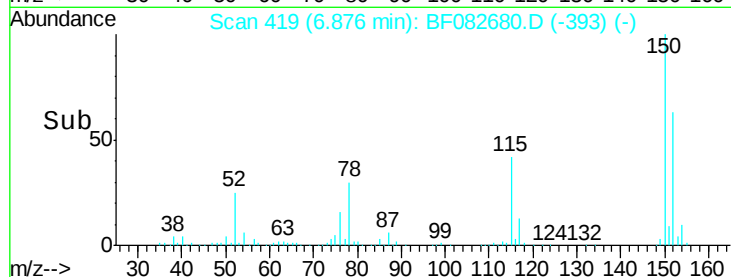
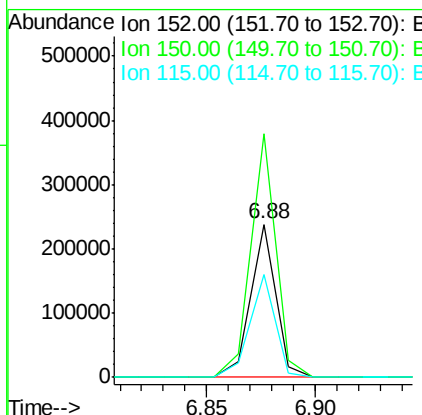
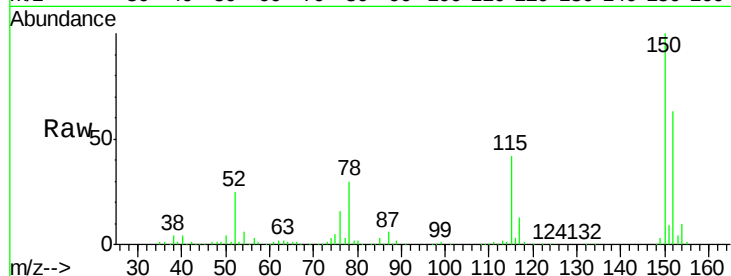




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.88 min Scan# 419
 Delta R.T. 0.00 min
 Lab File: BF082680.D
 Acq: 4 Nov 2015 3:11

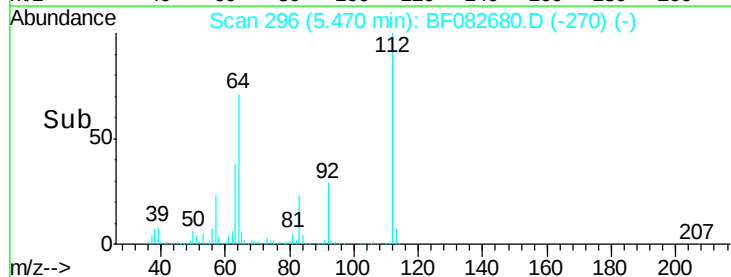
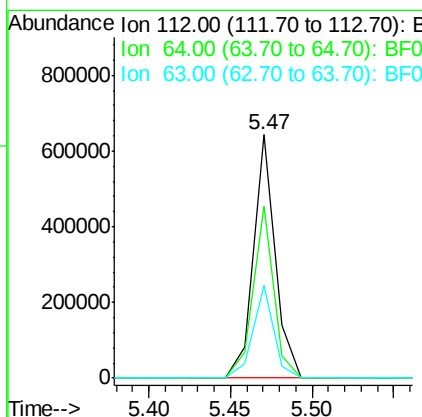
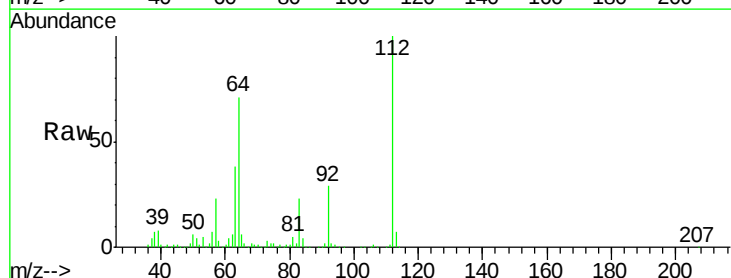
Instrument :
 BNA_F
 ClientSampleId :
 20151027MGP120BRV157

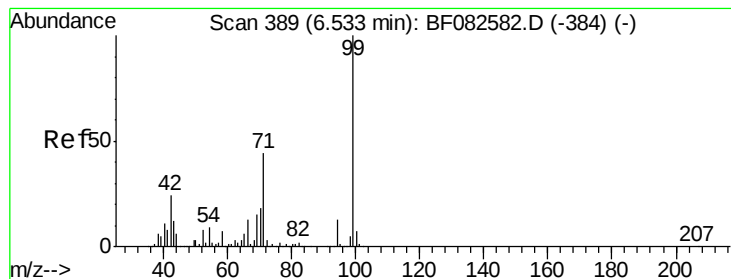
Tgt Ion:152 Resp: 192209
 Ion Ratio Lower Upper
 152 100
 150 159.0 127.0 190.4
 115 67.5 47.0 70.6



#5
 2-Fluorophenol
 Concen: 46.71 ng
 RT: 5.47 min Scan# 296
 Delta R.T. 0.00 min
 Lab File: BF082680.D
 Acq: 4 Nov 2015 3:11

Tgt Ion:112 Resp: 596111
 Ion Ratio Lower Upper
 112 100
 64 70.6 48.9 73.3
 63 38.0 28.1 42.1





#7

Phenol-d6

Concen: 32.86 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF082680.D

Acq: 4 Nov 2015 3:11

Instrument :

BNA_F

ClientSampleId :

20151027MGP120BRV157

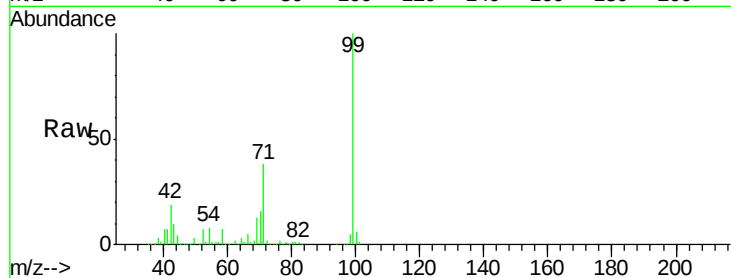
Tgt Ion: 99 Resp: 557050

Ion Ratio Lower Upper

99 100

42 19.4 19.2 28.8

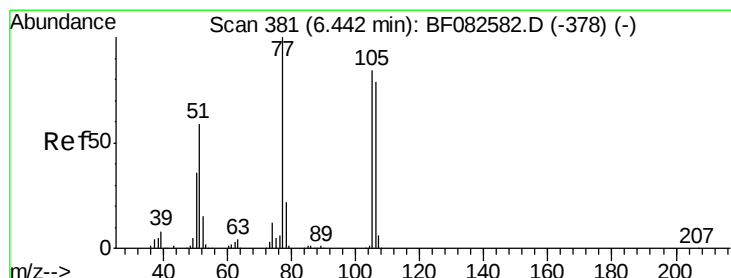
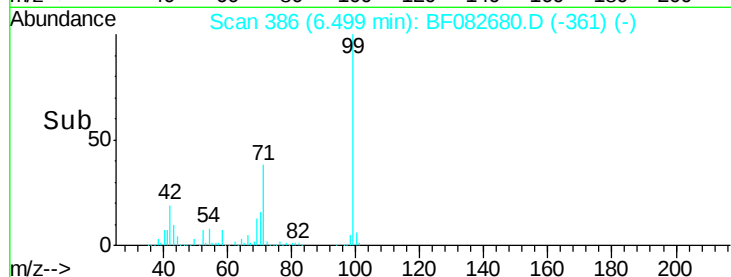
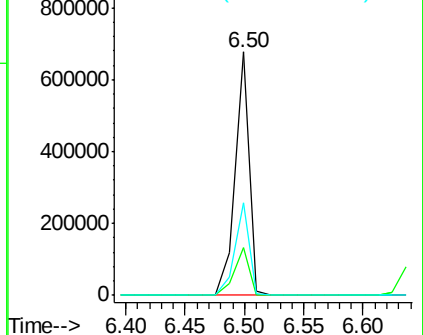
71 37.9 35.0 52.4



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 2.99 ng

RT: 6.65 min Scan# 399

Delta R.T. 0.23 min

Lab File: BF082680.D

Acq: 4 Nov 2015 3:11

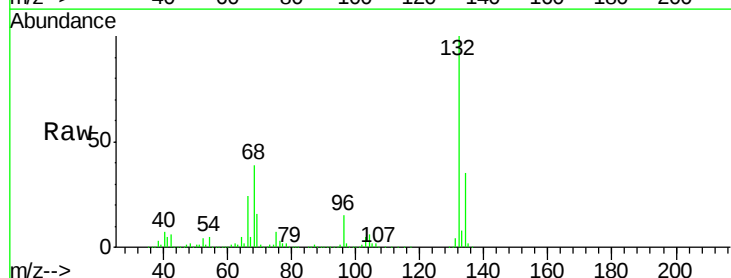
Tgt Ion: 77 Resp: 34652

Ion Ratio Lower Upper

77 100

105 88.9 63.5 103.5

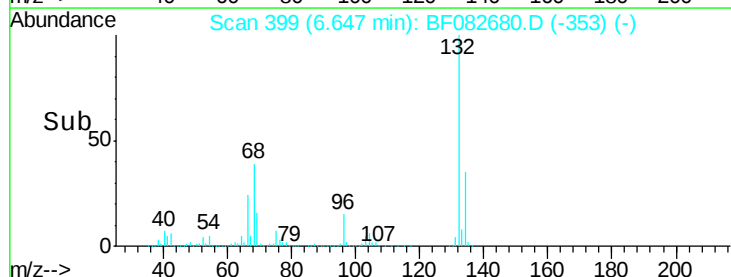
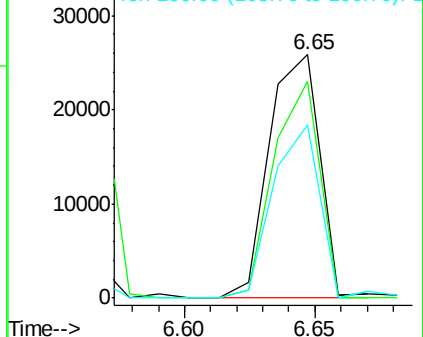
106 71.3 59.3 99.3

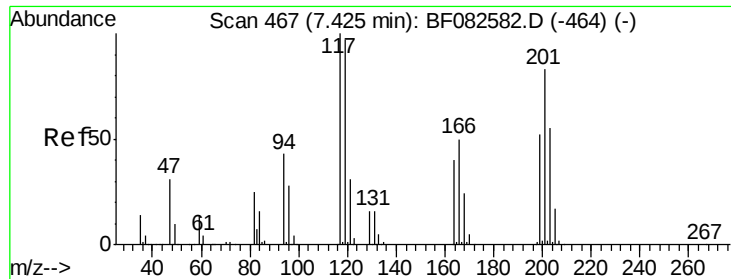


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#18

Hexachloroethane

Concen: 9.21 ng

RT: 7.45 min Scan# 469

Delta R.T. 0.05 min

Lab File: BF082680.D

Acq: 4 Nov 2015 3:11

Instrument :

BNA_F

ClientSampleId :

20151027MGP120BRV157

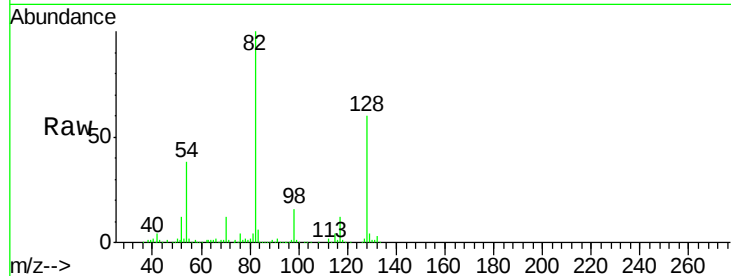
Tgt Ion:117 Resp: 56134

Ion Ratio Lower Upper

117 100

119 1.3 77.7 116.5#

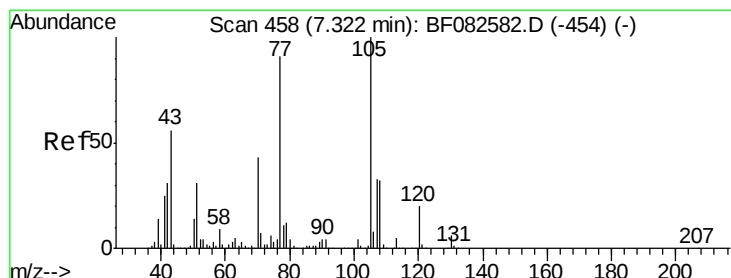
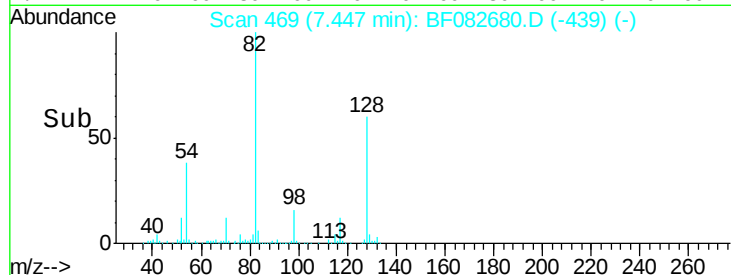
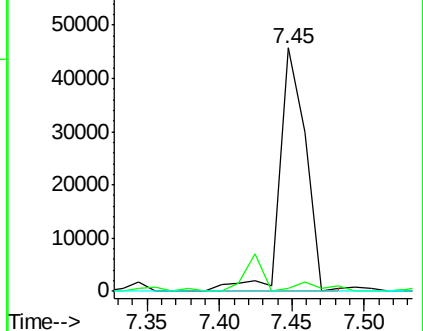
201 0.0 66.7 100.1#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 13.88 ng

RT: 7.44 min Scan# 468

Delta R.T. 0.14 min

Lab File: BF082680.D

Acq: 4 Nov 2015 3:11

Tgt Ion: 70 Resp: 178405

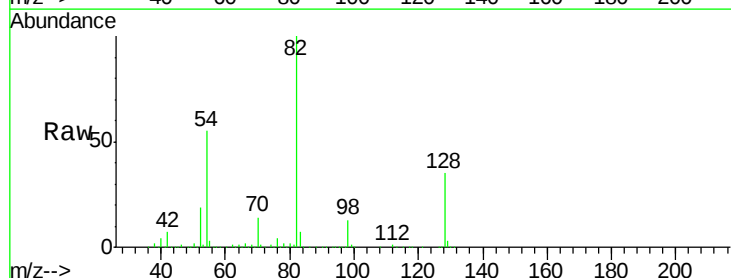
Ion Ratio Lower Upper

70 100

42 49.5 57.7 86.5#

101 0.0 7.0 10.6#

130 1.7 11.8 17.6#

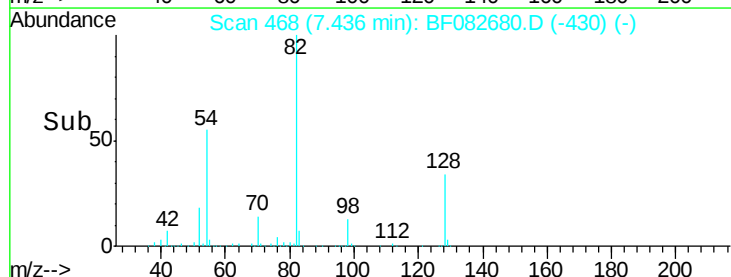
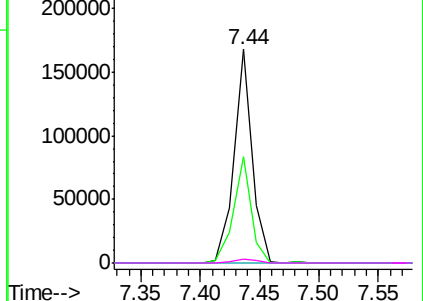


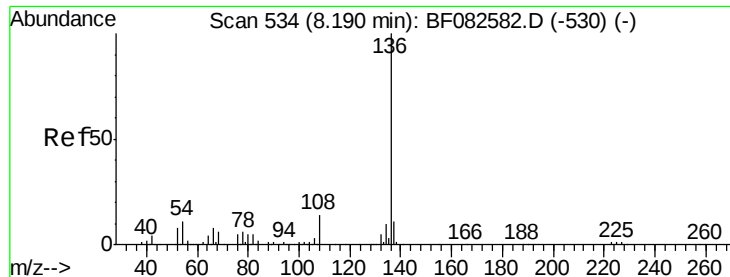
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

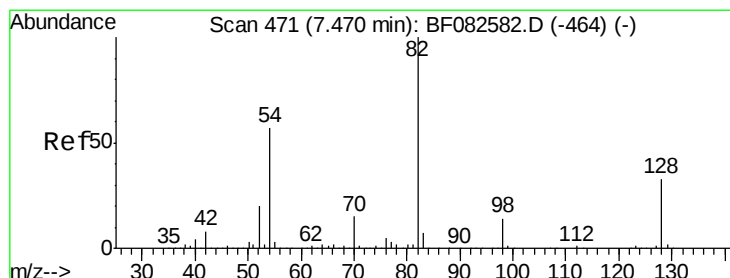
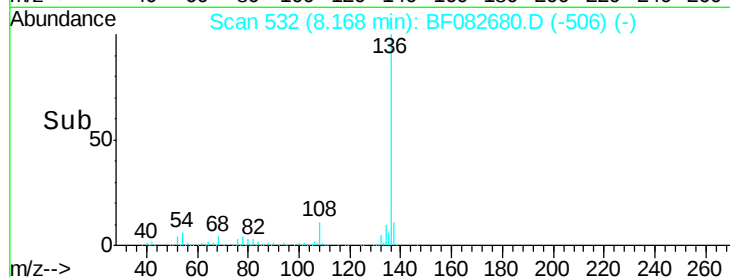
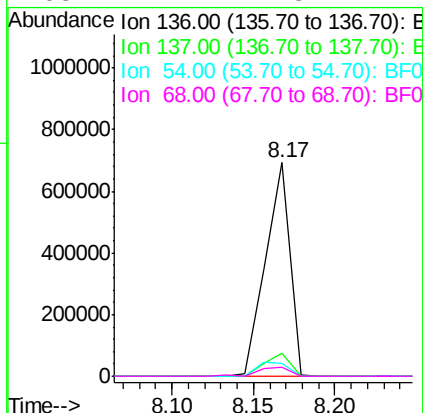
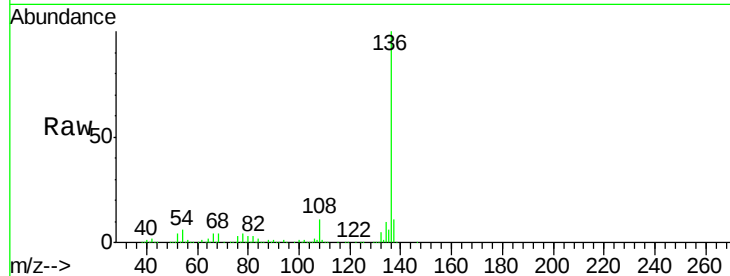




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF082680.D
Acq: 4 Nov 2015 3:11

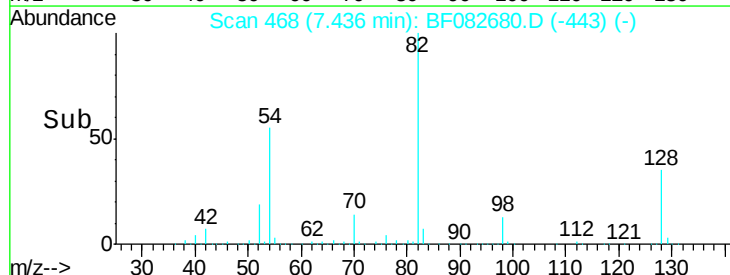
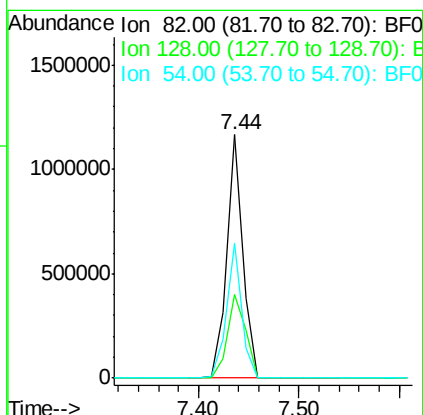
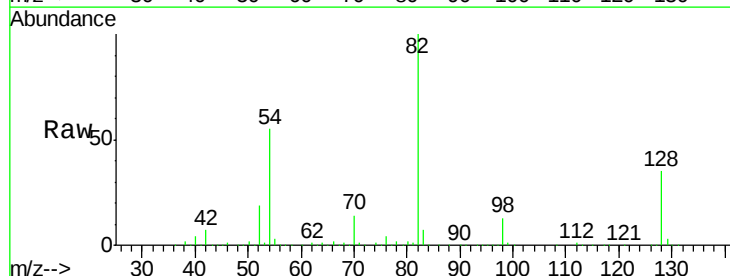
Instrument :
BNA_F
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20151027MGP120BRV157

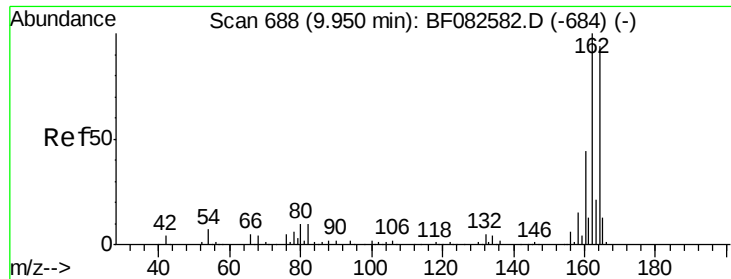
Tgt Ion:	136	Resp:	723850
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	6.2	9.1	13.7#
68	4.4	4.8	7.2#



#23
Nitrobenzene-d5
Concen: 72.76 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.01 min
Lab File: BF082680.D
Acq: 4 Nov 2015 3:11

Tgt Ion:	82	Resp:	1289697
Ion	Ratio	Lower	Upper
82	100		
128	34.6	26.8	40.2
54	55.3	45.7	68.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF082680.D

Acq: 4 Nov 2015 3:11

Instrument :

BNA_F

ClientSampleId :

20151027MGP120BRV157

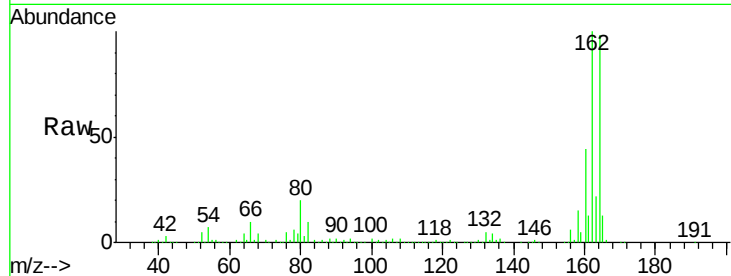
Tgt Ion:164 Resp: 370627

Ion Ratio Lower Upper

164 100

162 101.7 84.9 127.3

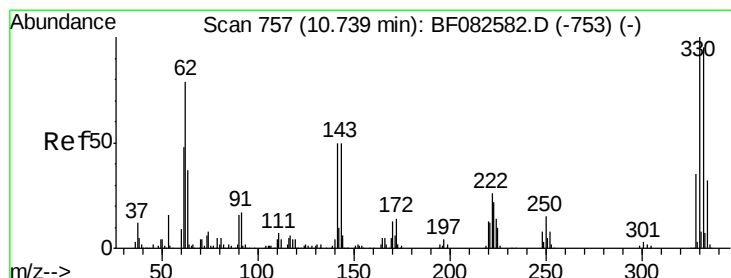
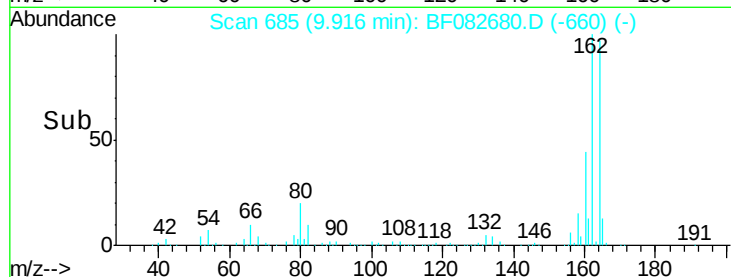
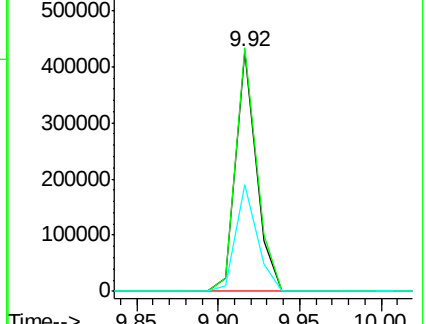
160 44.7 37.5 56.3



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: 134.84 ng

RT: 10.70 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF082680.D

Acq: 4 Nov 2015 3:11

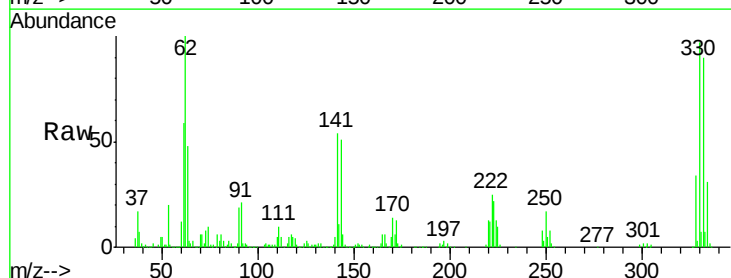
Tgt Ion:330 Resp: 546918

Ion Ratio Lower Upper

330 100

332 95.1 76.6 114.8

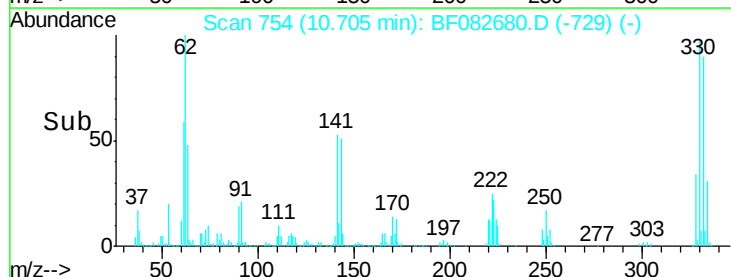
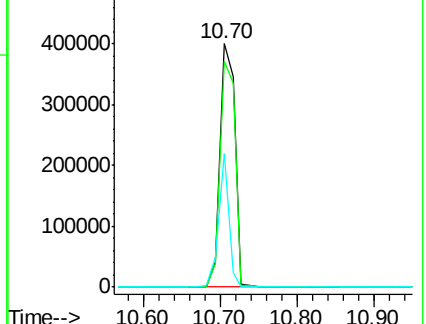
141 37.9 41.2 61.8#

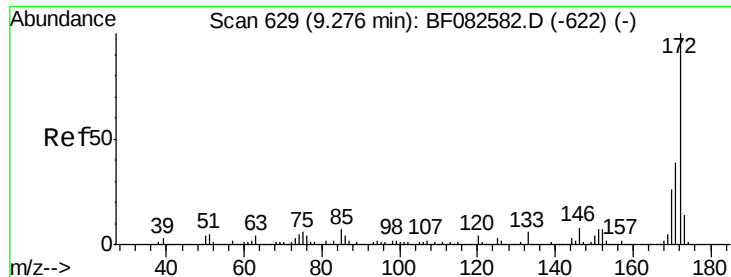


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

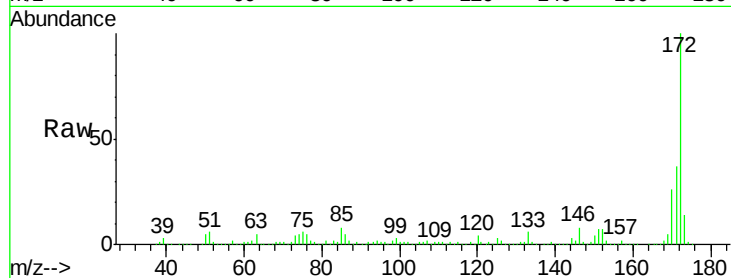




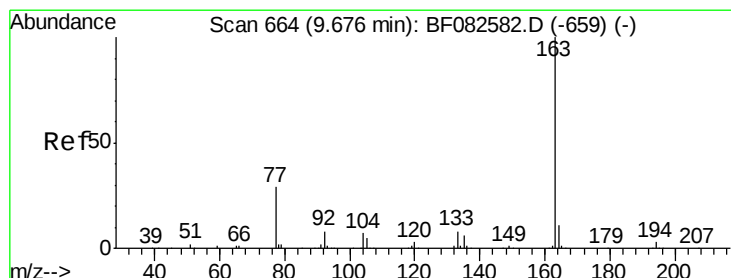
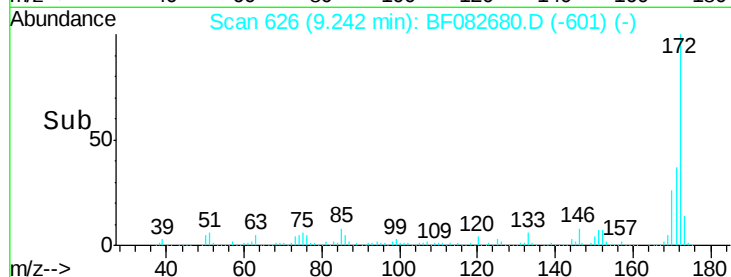
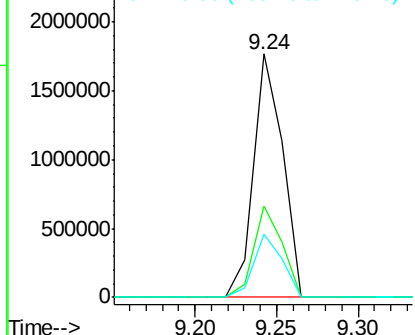
#44
 2-Fluorobiphenyl
 Concen: 83.77 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF082680.D
 Acq: 4 Nov 2015 3:11

Instrument :
 BNA_F
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 20151027MGP120BRV157

Tgt Ion:172 Resp: 2186765
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.8 46.2
 170 25.7 21.2 31.8

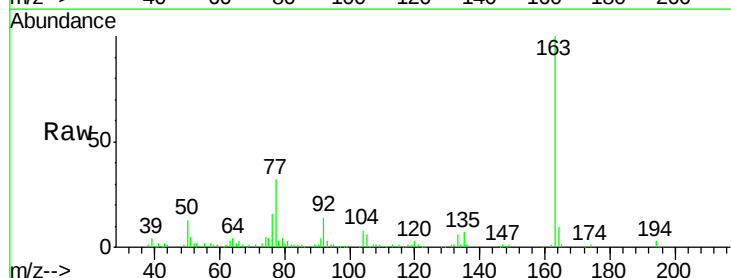


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

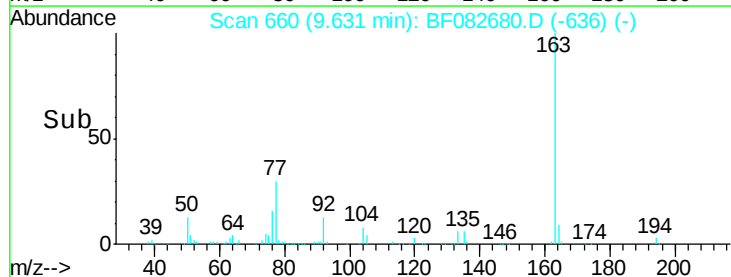
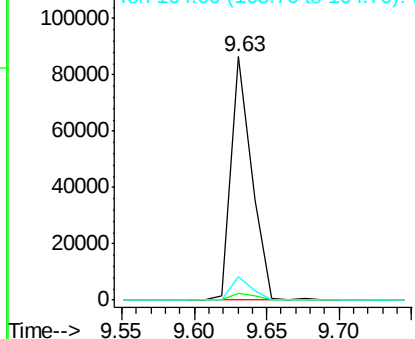


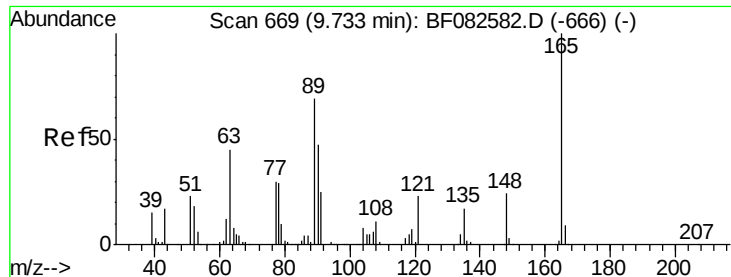
#49
 Dimethylphthalate
 Concen: 2.83 ng
 RT: 9.63 min Scan# 660
 Delta R.T. -0.02 min
 Lab File: BF082680.D
 Acq: 4 Nov 2015 3:11

Tgt Ion:163 Resp: 85558
 Ion Ratio Lower Upper
 163 100
 194 3.0 2.6 4.0
 164 9.7 8.7 13.1



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

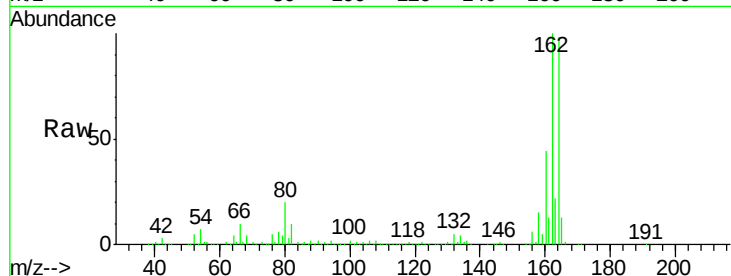




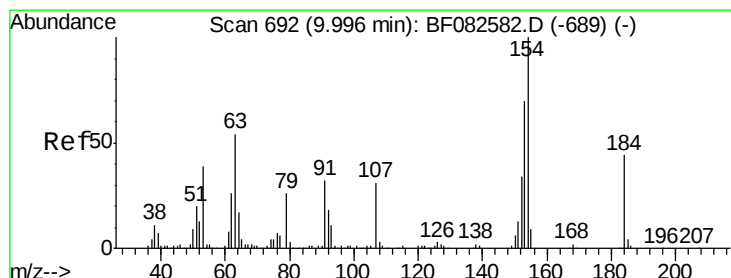
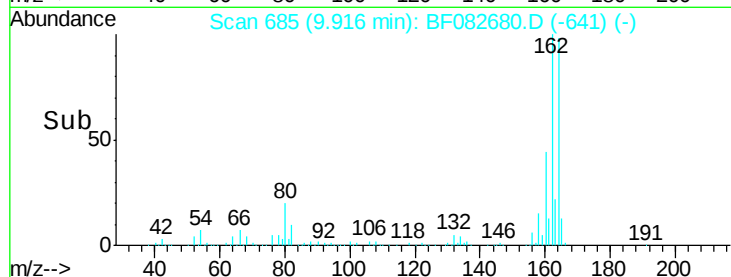
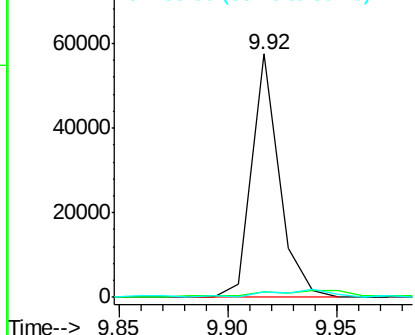
#50
2,6-Dinitrotoluene
Concen: 8.09 ng
RT: 9.92 min Scan# 685
Delta R.T. 0.21 min
Lab File: BF082680.D
Acq: 4 Nov 2015 3:11

Instrument :
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ClientSampleId :
20151027MGP120BRV157

Tgt Ion:165 Resp: 50731
Ion Ratio Lower Upper
165 100
63 2.3 55.5 83.3#
89 2.2 55.0 82.6#

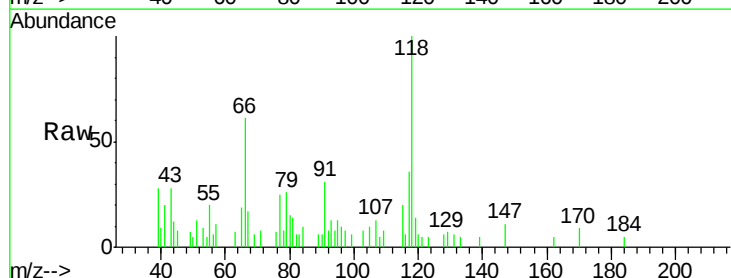


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

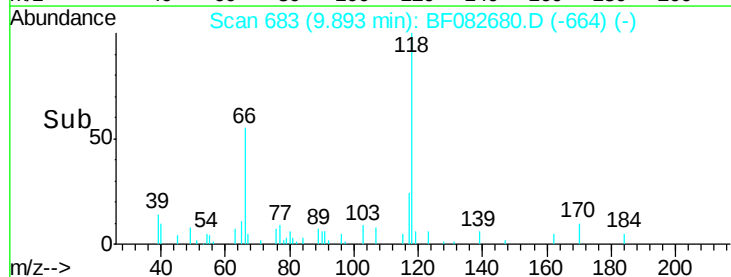
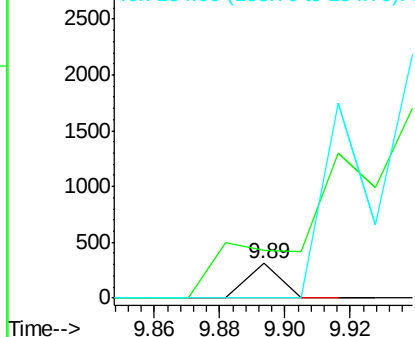


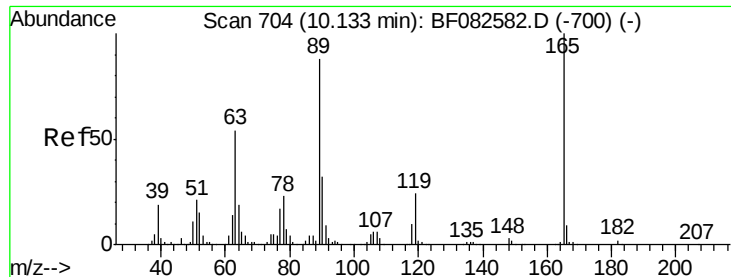
#53
2,4-Dinitrophenol
Concen: 6.75 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.08 min
Lab File: BF082680.D
Acq: 4 Nov 2015 3:11

Tgt Ion:184 Resp: 212
Ion Ratio Lower Upper
184 100
63 136.9 98.6 148.0
154 0.0 183.9 275.9#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

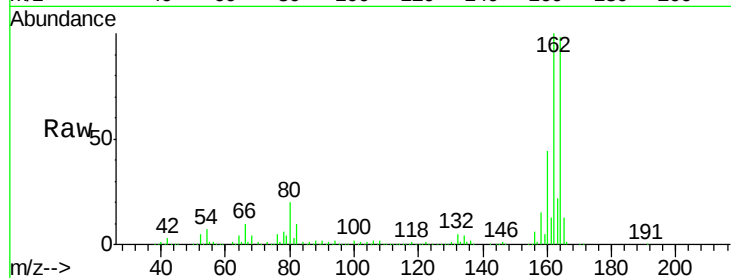




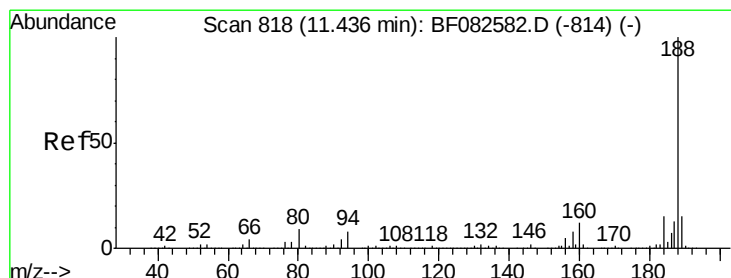
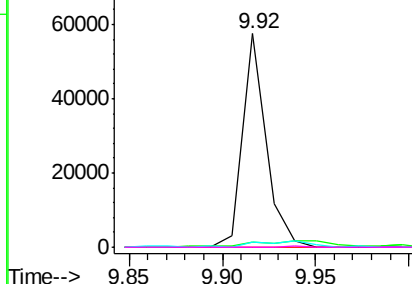
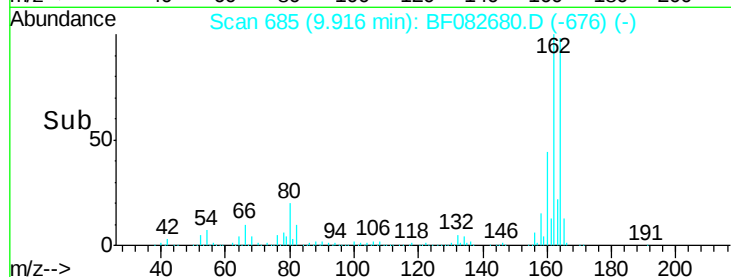
#56
 2,4-Dinitrotoluene
 Concen: 5.98 ng
 RT: 9.92 min Scan# 685
 Delta R.T. -0.19 min
 Lab File: BF082680.D
 Acq: 4 Nov 2015 3:11

Instrument :
 BNA_F
 ClientSampleId :
 20151027MGP120BRV157

Tgt Ion:165 Resp: 50735
 Ion Ratio Lower Upper
 165 100
 63 2.3 43.4 65.0#
 89 2.2 70.6 106.0#
 182 0.0 1.5 2.3#

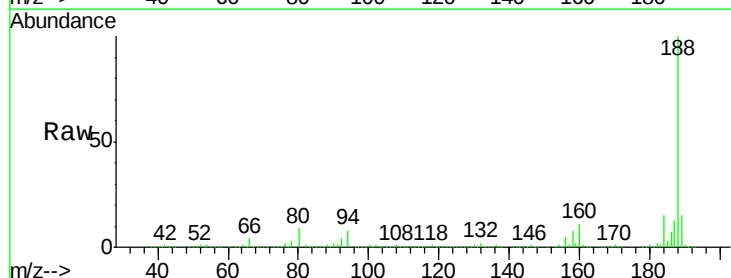


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

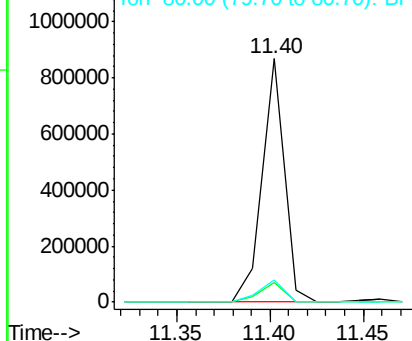
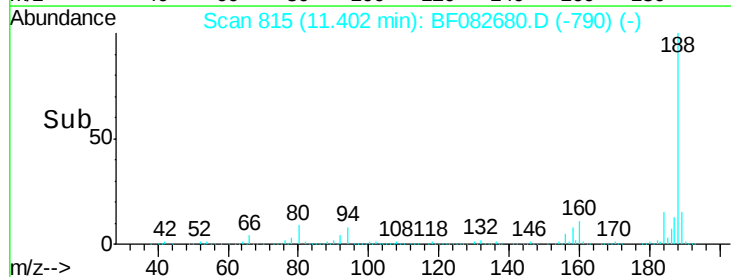


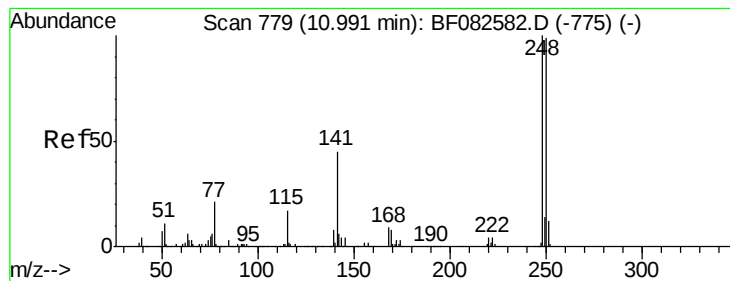
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.40 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF082680.D
 Acq: 4 Nov 2015 3:11

Tgt Ion:188 Resp: 711957
 Ion Ratio Lower Upper
 188 100
 94 7.9 6.1 9.1
 80 9.1 7.0 10.6



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 4.31 ng

RT: 10.70 min Scan# 754

Delta R.T. -0.25 min

Lab File: BF082680.D

Acq: 4 Nov 2015 3:11

Instrument :

BNA_F

ClientSampleId :

20151027MGP120BRV157

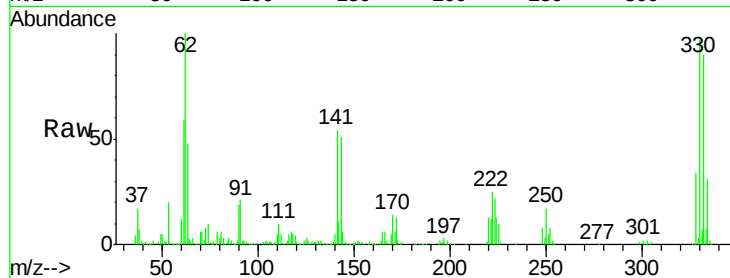
Tgt Ion:248 Resp: 34793

Ion Ratio Lower Upper

248 100

250 203.1 79.4 119.2#

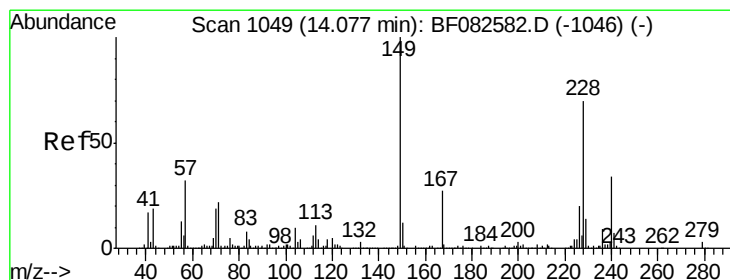
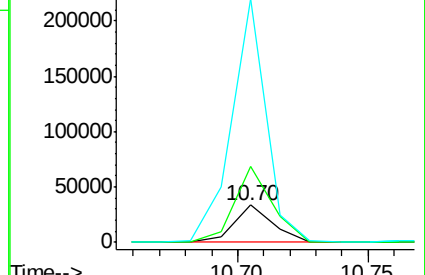
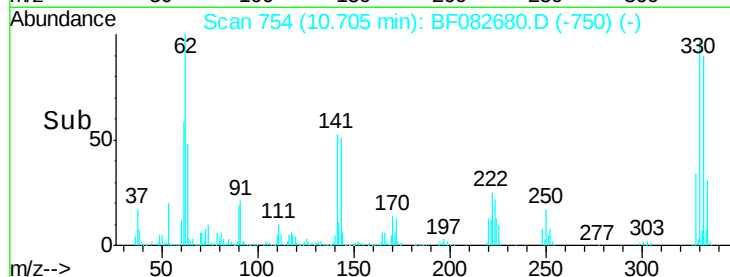
141 656.0 36.3 54.5#



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# 1046

Delta R.T. -0.01 min

Lab File: BF082680.D

Acq: 4 Nov 2015 3:11

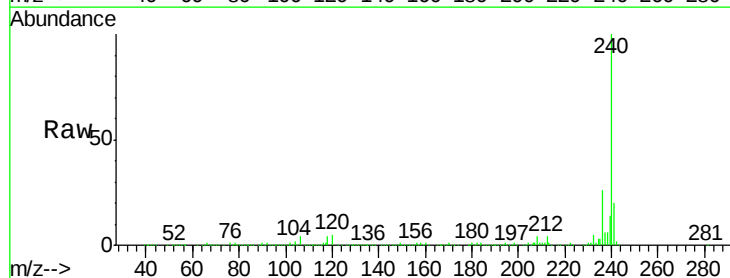
Tgt Ion:240 Resp: 530012

Ion Ratio Lower Upper

240 100

120 5.4 10.9 16.3#

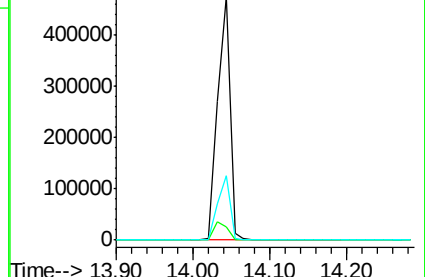
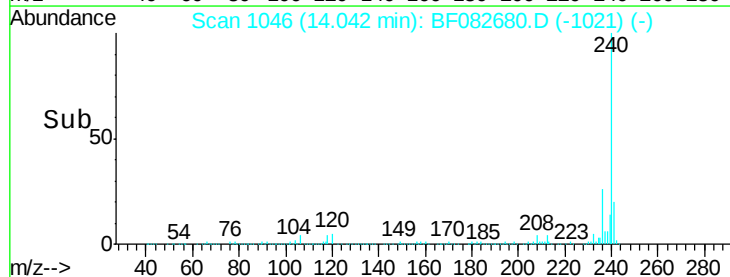
236 26.2 21.6 32.4

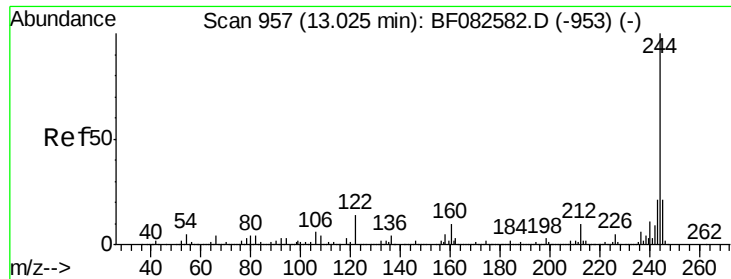


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

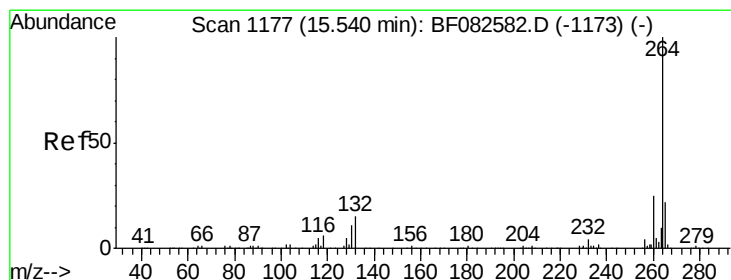
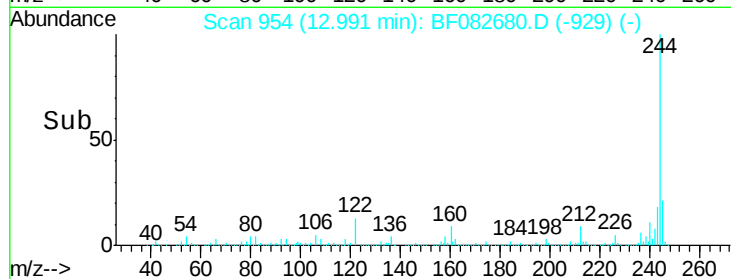
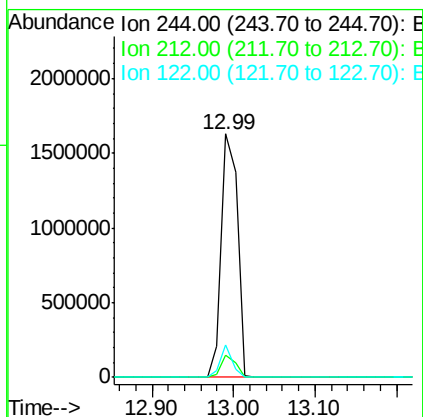
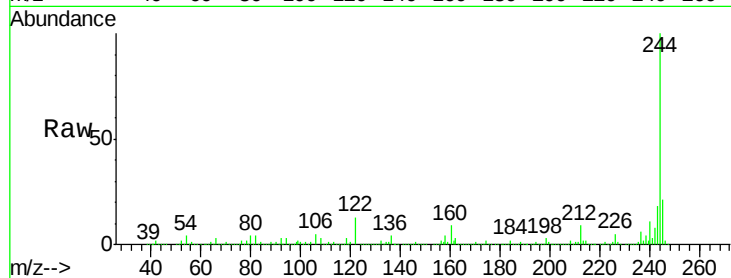




#78
 Terphenyl-d14
 Concen: 91.59 ng
 RT: 12.99 min Scan# 954
 Delta R.T. -0.01 min
 Lab File: BF082680.D
 Acq: 4 Nov 2015 3:11

Instrument :
 BNA_F
 ClientSampleId :
 20151027MGP120BRV157

Tgt Ion:244 Resp: 2218132
 Ion Ratio Lower Upper
 244 100
 212 8.9 7.6 11.4
 122 13.4 11.3 16.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BF082680.D
 Acq: 4 Nov 2015 3:11

Tgt Ion:264 Resp: 434924
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.8 29.6
 265 20.3 17.4 26.0

