

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082915\
 Data File : BF081279.D
 Acq On : 29 Aug 2015 19:23
 Operator : UM/IZ
 Sample : G3467-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 31 01:07:35 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 13:58:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	60861	20.00	ng	-0.06
21) Naphthalene-d8	7.77	136	239579	20.00	ng	-0.06
38) Acenaphthene-d10	9.51	164	114091	20.00	ng	-0.07
63) Phenanthrene-d10	10.98	188	219891	20.00	ng	-0.06
75) Chrysene-d12	13.59	240	194219	20.00	ng	-0.07
86) Perylene-d12	14.92	264	149532	20.00	ng	-0.07

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.03	112	184565	45.61	ng	-0.07
7) Phenol-d6	6.13	99	164072	31.08	ng	-0.07
23) Nitrobenzene-d5	7.05	82	345034	65.79	ng	-0.07
41) 2,4,6-Tribromophenol	10.30	330	97308	98.39	ng	-0.06
44) 2-Fluorobiphenyl	8.85	172	608712	69.91	ng	-0.06
78) Terphenyl-d14	12.56	244	523747	57.81	ng	-0.07

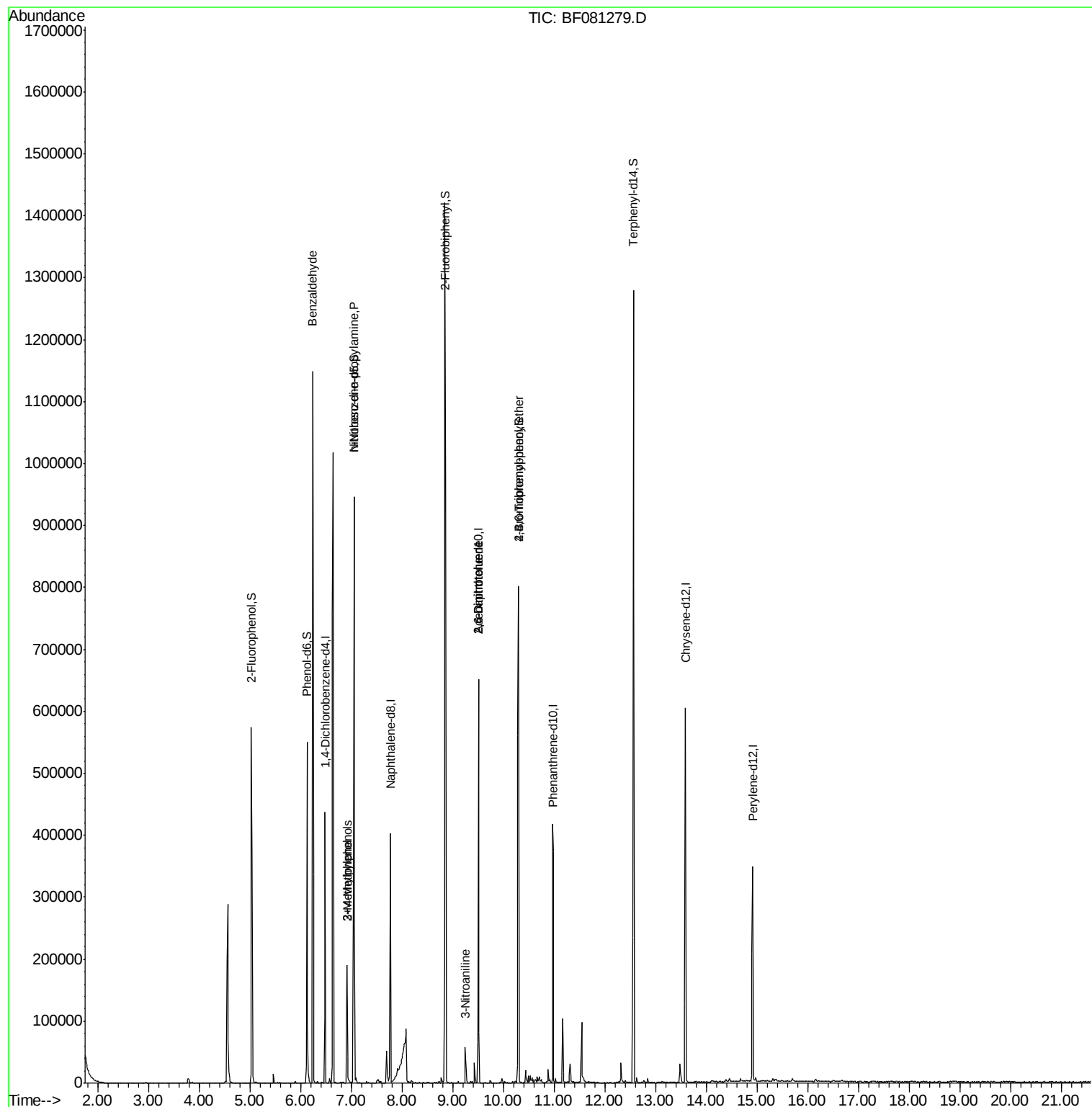
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.24	77	7423	2.18	ng	# 76
17) 2-Methylphenol	6.91	107	45454	11.96	ng	# 66
19) n-Nitroso-di-n-propylamine	7.05	70	46208	12.63	ng	# 69
20) 3+4-Methylphenols	6.91	107	45454	9.42	ng	# 43
50) 2,6-Dinitrotoluene	9.51	165	14713	7.29	ng	# 22
52) 3-Nitroaniline	9.26	138	9925	3.93	ng	# 1
56) 2,4-Dinitrotoluene	9.51	165	14713	5.50	ng	# 17
66) 4-Bromophenyl-phenylether	10.30	248	7603	3.52	ng	# 1

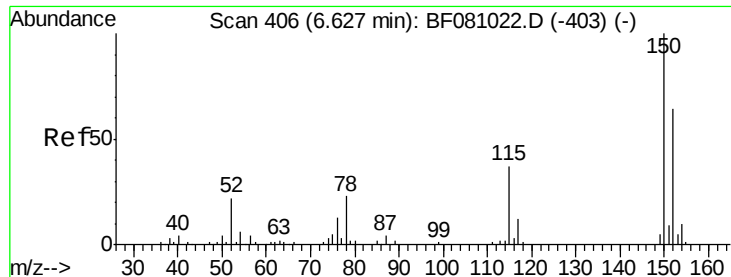
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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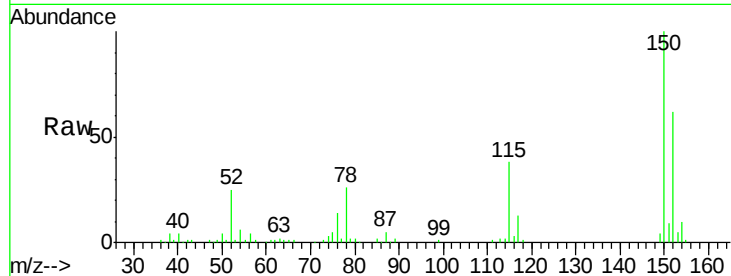


#1

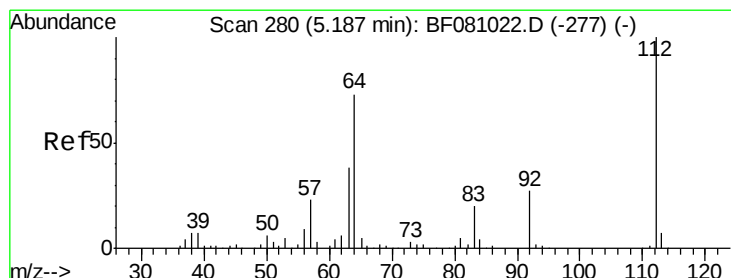
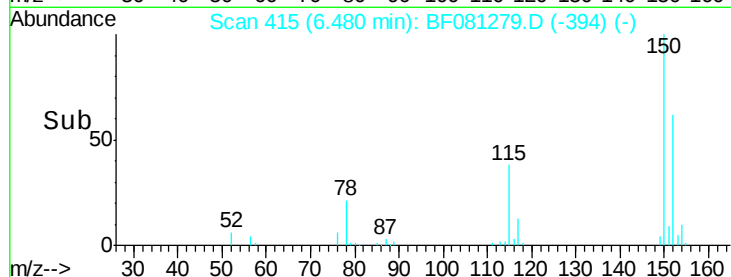
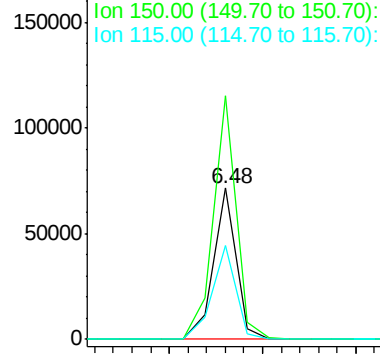
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.48 min Scan# 415
Delta R.T. -0.06 min
Lab File: BF081279.D
Acq: 29 Aug 2015 19:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 60861
Ion Ratio Lower Upper
152 100
150 161.3 123.8 185.6
115 62.0 52.1 78.1



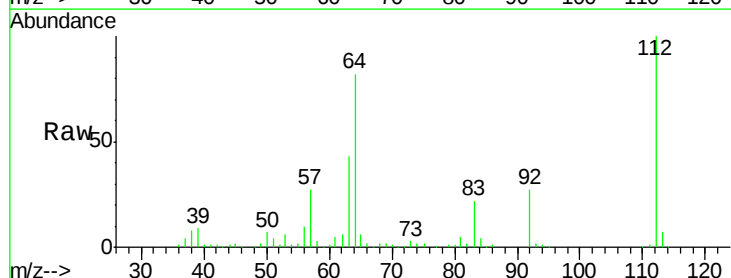
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



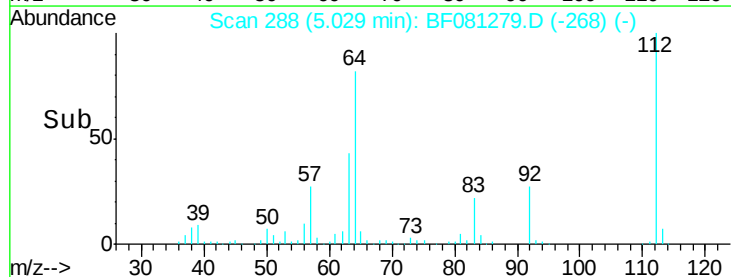
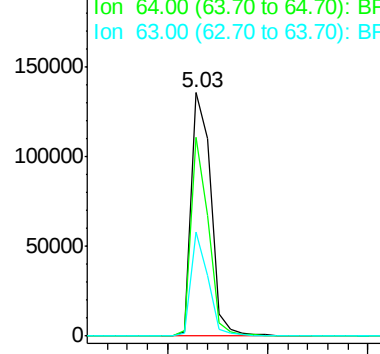
#5

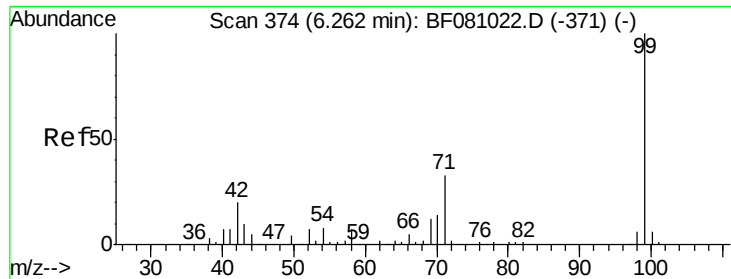
2-Fluorophenol
Concen: 45.61 ng
RT: 5.03 min Scan# 288
Delta R.T. -0.07 min
Lab File: BF081279.D
Acq: 29 Aug 2015 19:23

Tgt Ion:112 Resp: 184565
Ion Ratio Lower Upper
112 100
64 81.5 66.9 100.3
63 42.6 38.1 57.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 31.08 ng

RT: 6.13 min Scan# 384

Delta R.T. -0.07 min

Lab File: BF081279.D

Acq: 29 Aug 2015 19:23

Instrument :

BNA_F

ClientSampled :

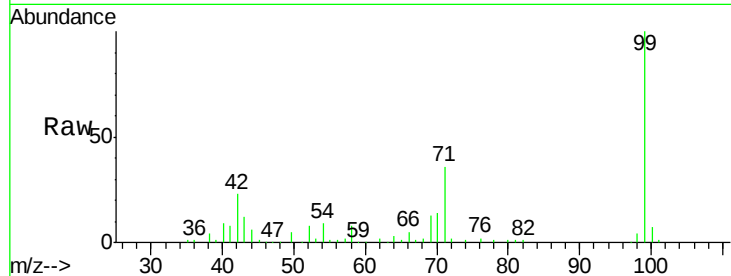
Tot Ion: 99 Resp: 164072

Ion Ratio Lower Upper

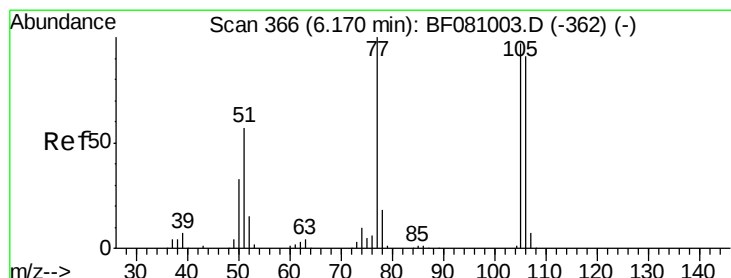
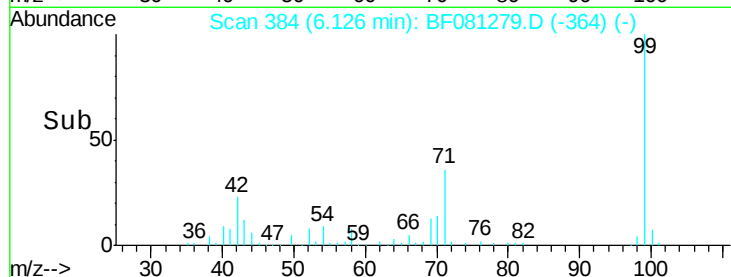
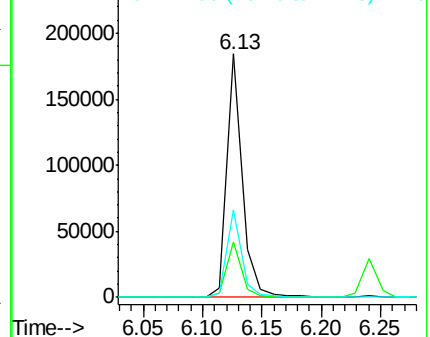
99 100

42 22.8 19.6 29.4

71 35.8 31.2 46.8



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: 2.18 ng

RT: 6.24 min Scan# 394

Delta R.T. 0.16 min

Lab File: BF081279.D

Acq: 29 Aug 2015 19:23

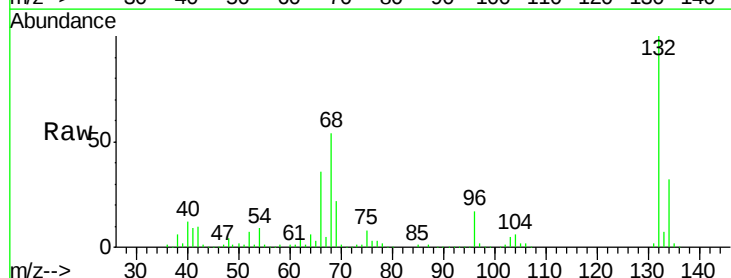
Tgt Ion: 77 Resp: 7423

Ion Ratio Lower Upper

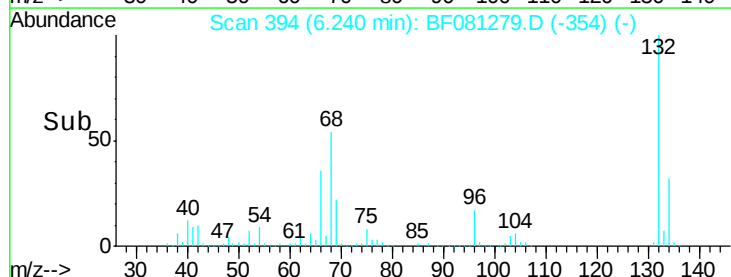
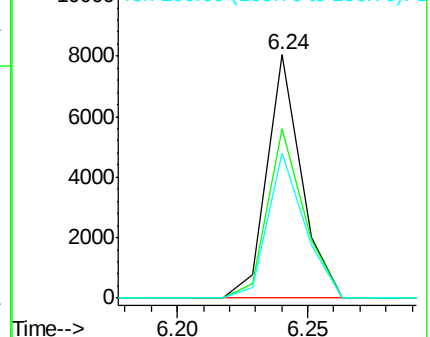
77 100

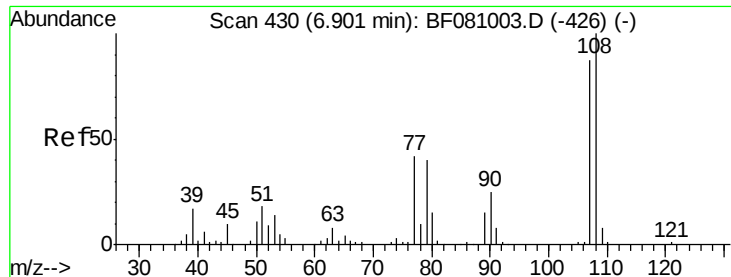
105 69.7 69.6 109.6

106 59.6 64.0 104.0#



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

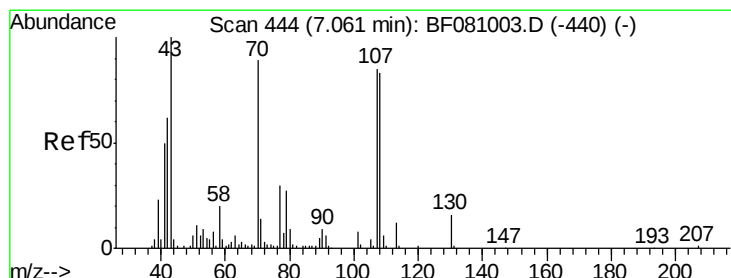
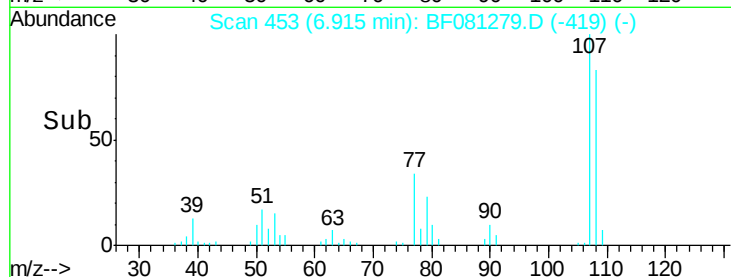
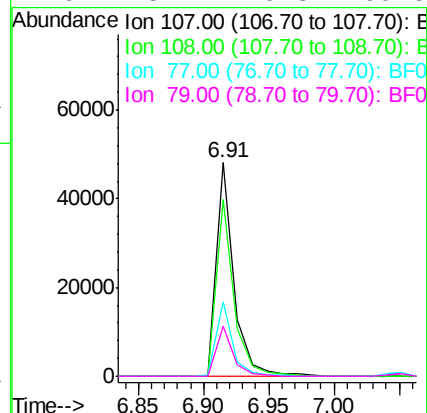
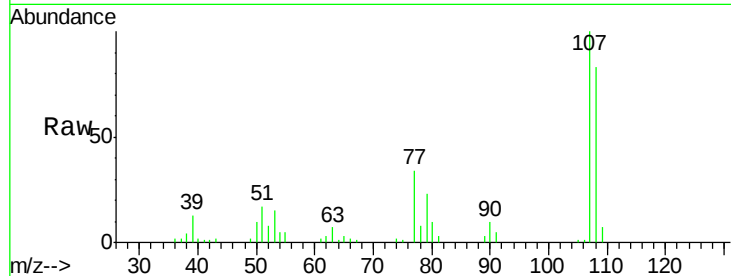




#17
2-Methylphenol
Concen: 11.96 ng
RT: 6.91 min Scan# 453
Delta R.T. 0.09 min
Lab File: BF081279.D
Acq: 29 Aug 2015 19:23

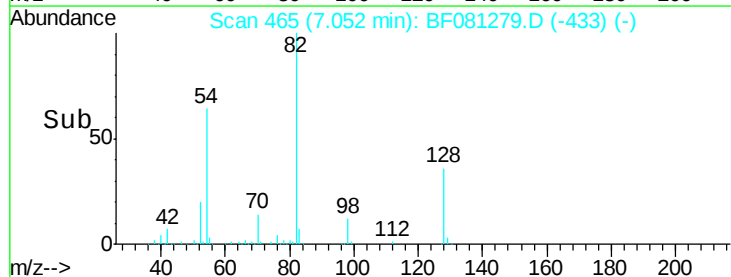
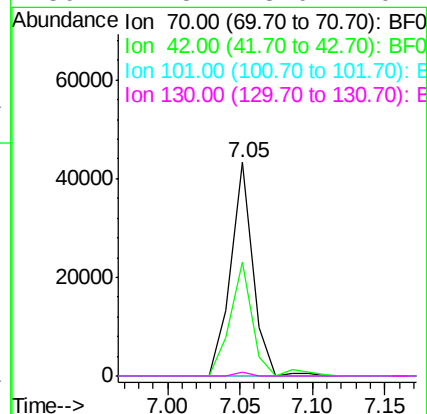
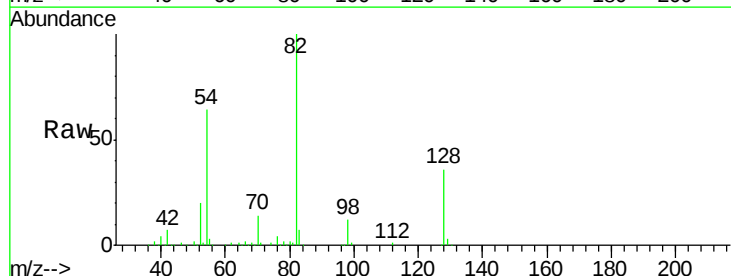
Instrument :
BNA_F
ClientSampleId :

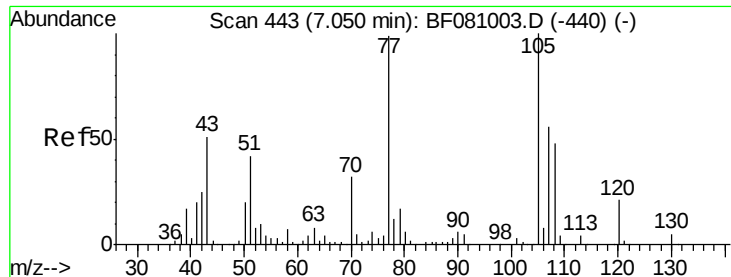
Tot Ion	Ratio	Lower	Upper
107	100		
108	82.8	90.4	135.6#
77	34.5	46.5	69.7#
79	23.1	46.3	69.5#



#19
n-Nitroso-di-n-propylamine
Concen: 12.63 ng
RT: 7.05 min Scan# 465
Delta R.T. 0.07 min
Lab File: BF081279.D
Acq: 29 Aug 2015 19:23

Tgt Ion	Ratio	Lower	Upper
70	100		
42	53.3	65.0	97.4#
101	0.0	7.4	11.2#
130	1.8	13.0	19.4#





#20

3+4-Methylphenols

Concen: 9.42 ng

RT: 6.91 min Scan# 453

Delta R.T. -0.07 min

Lab File: BF081279.D

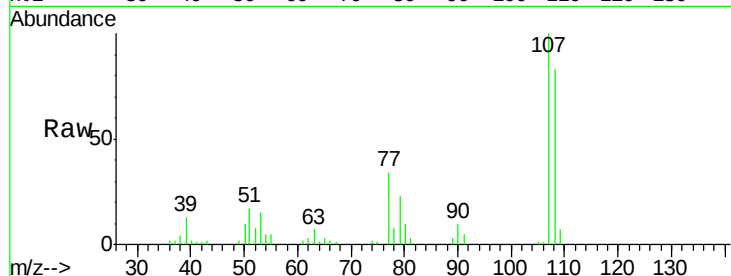
Acq: 29 Aug 2015 19:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	107	Resp:	45454
Ion	Ratio	Lower	Upper
107	100		
108	82.8	66.1	106.1
77	34.5	139.3	179.3#
79	23.1	11.9	51.9

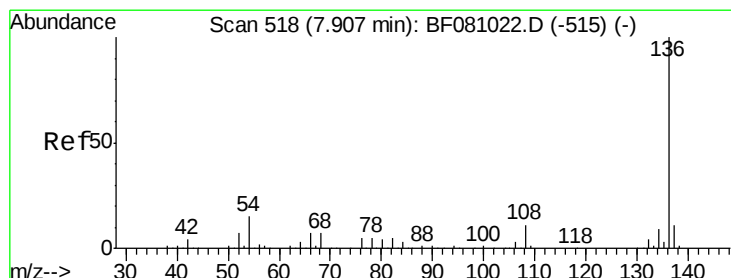
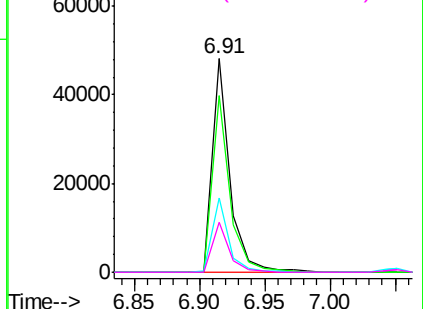
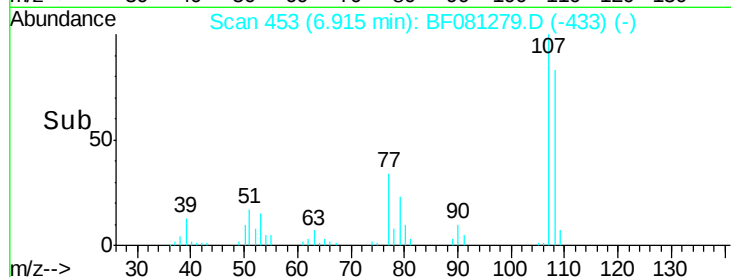


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

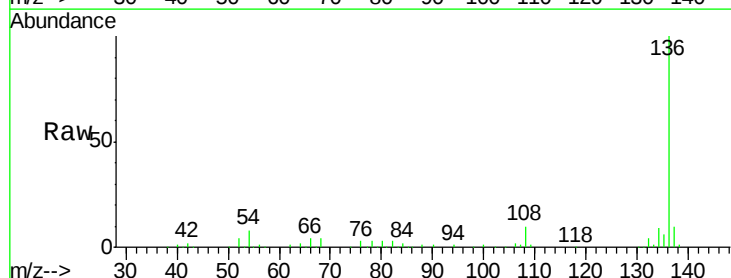
RT: 7.77 min Scan# 528

Delta R.T. -0.06 min

Lab File: BF081279.D

Acq: 29 Aug 2015 19:23

Tgt Ion:	136	Resp:	239579
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.2	12.2
54	8.1	7.7	11.5
68	4.5	3.4	5.2

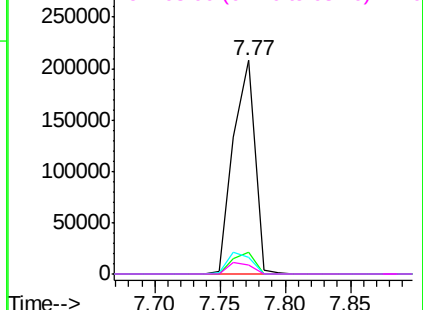
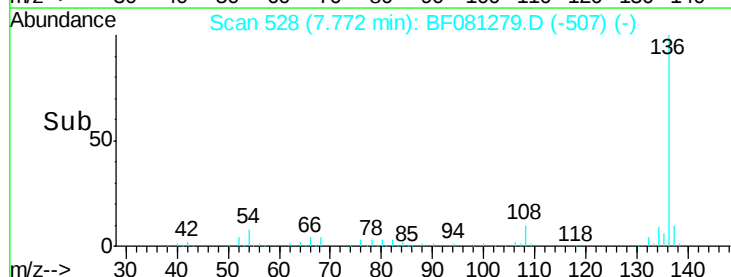


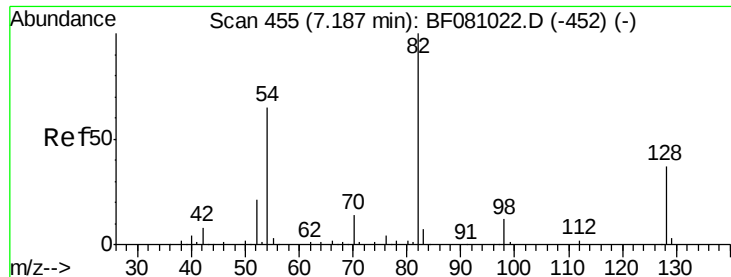
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

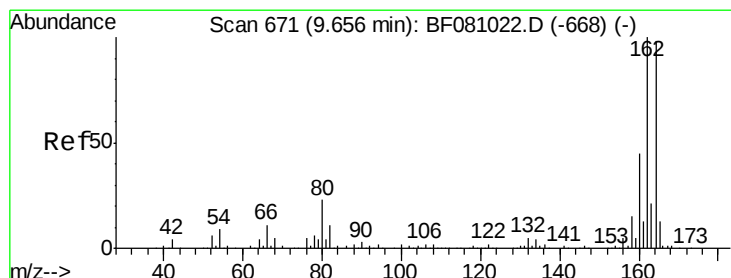
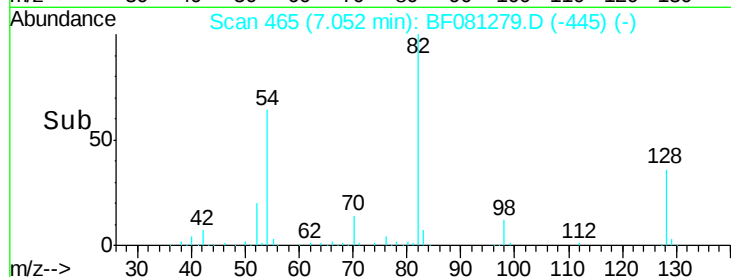
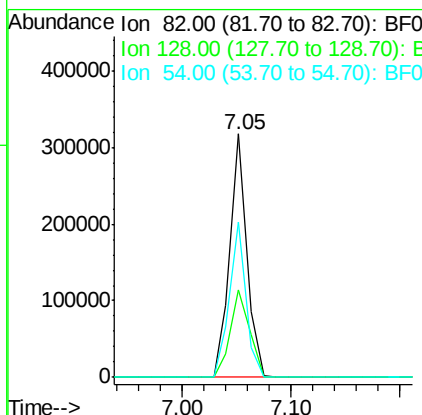
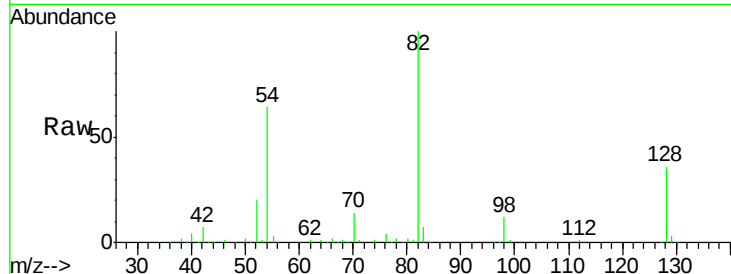




#23
 Nitrobenzene-d5
 Concen: 65.79 ng
 RT: 7.05 min Scan# 465
 Delta R.T. -0.07 min
 Lab File: BF081279.D
 Acq: 29 Aug 2015 19:23

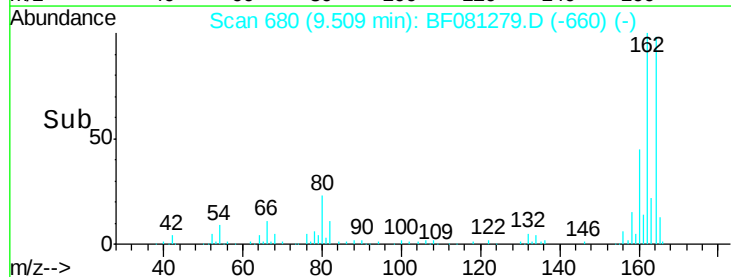
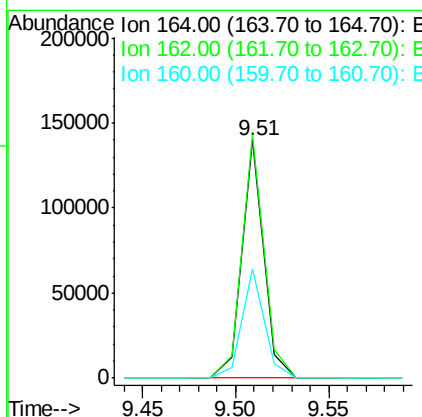
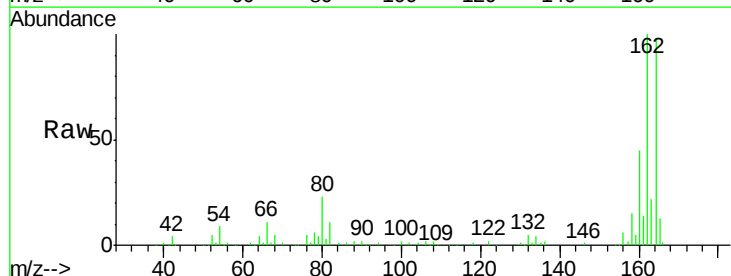
Instrument :
 BNA_F
 ClientSampleId :

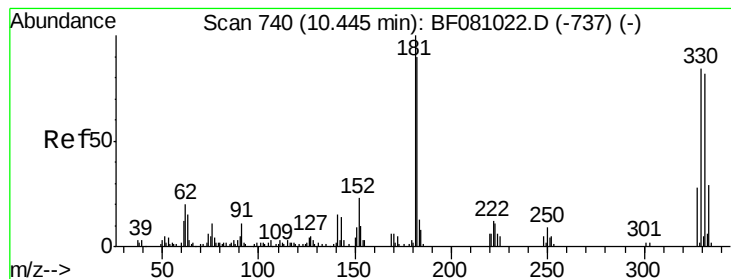
Tot Ion: 82 Resp: 345034
 Ion Ratio Lower Upper
 82 100
 128 36.2 28.6 42.8
 54 63.7 55.1 82.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.51 min Scan# 680
 Delta R.T. -0.07 min
 Lab File: BF081279.D
 Acq: 29 Aug 2015 19:23

Tgt Ion: 164 Resp: 114091
 Ion Ratio Lower Upper
 164 100
 162 102.2 83.8 125.8
 160 46.0 39.8 59.8





#41

2,4,6-Tribromophenol

Concen: 98.39 ng

RT: 10.30 min Scan# 749

Delta R.T. -0.06 min

Lab File: BF081279.D

Acq: 29 Aug 2015 19:23

Instrument :

BNA_F

ClientSampleId :

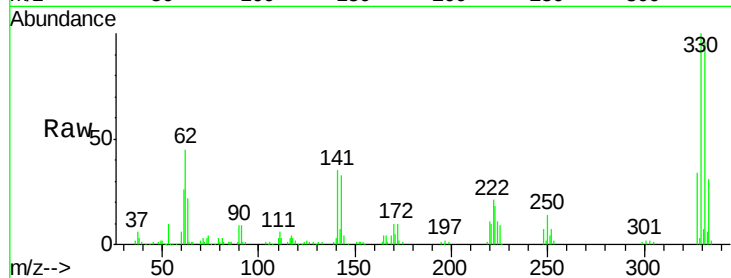
Tot Ion:330 Resp: 97308

Ion Ratio Lower Upper

330 100

332 96.1 77.3 115.9

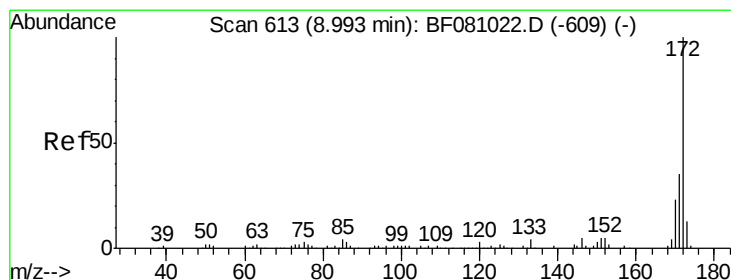
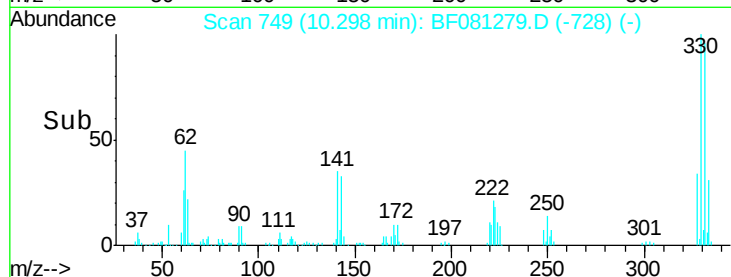
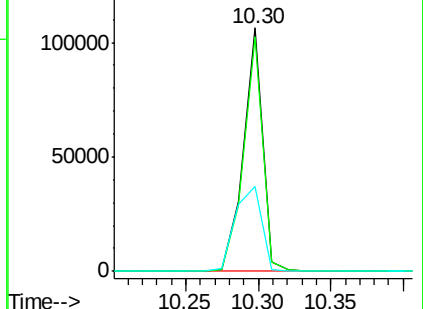
141 48.3 44.9 67.3



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: 69.91 ng

RT: 8.85 min Scan# 622

Delta R.T. -0.06 min

Lab File: BF081279.D

Acq: 29 Aug 2015 19:23

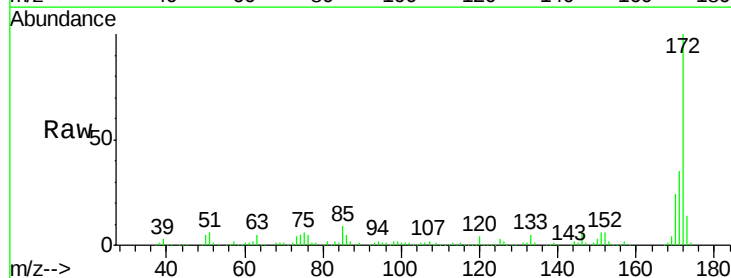
Tgt Ion:172 Resp: 608712

Ion Ratio Lower Upper

172 100

171 35.0 28.9 43.3

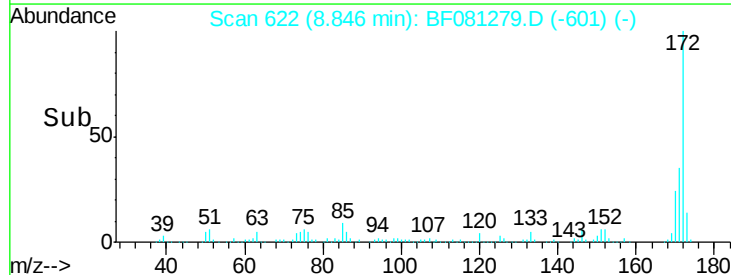
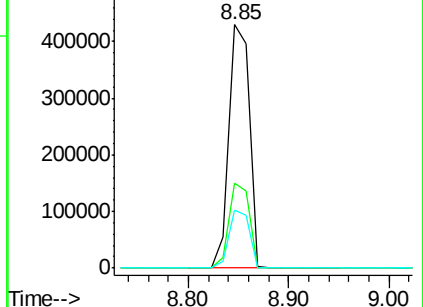
170 24.0 19.4 29.2

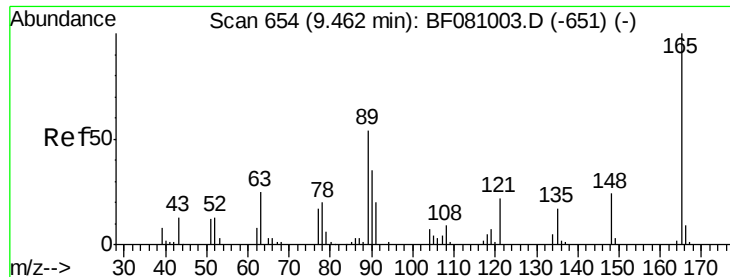


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

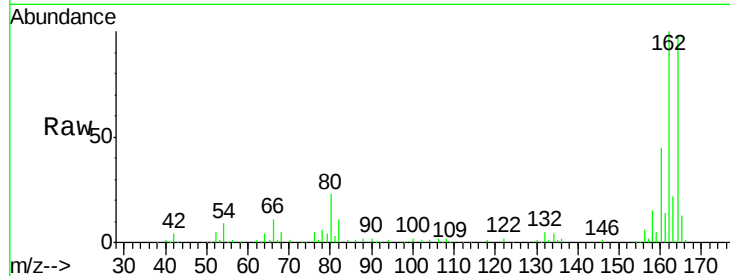




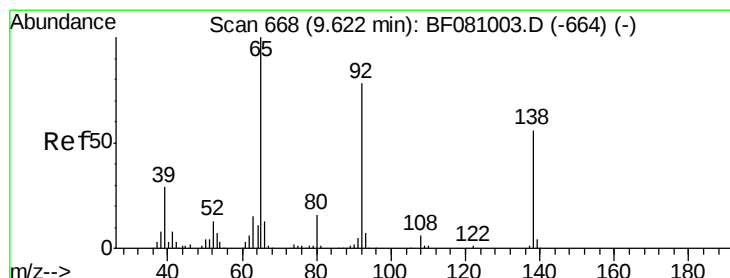
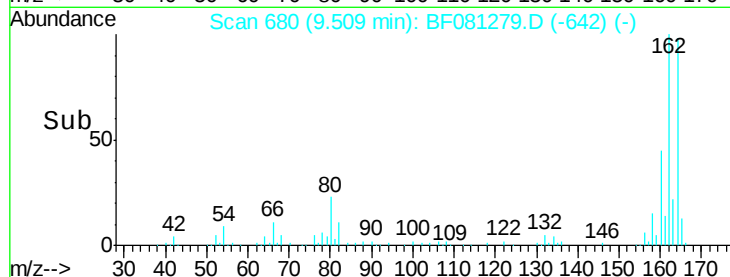
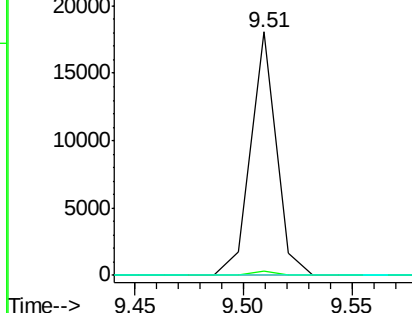
#50
 2,6-Dinitrotoluene
 Concen: 7.29 ng
 RT: 9.51 min Scan# 680
 Delta R.T. 0.14 min
 Lab File: BF081279.D
 Acq: 29 Aug 2015 19:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.0	49.5	74.3#
89	0.0	47.6	71.4#

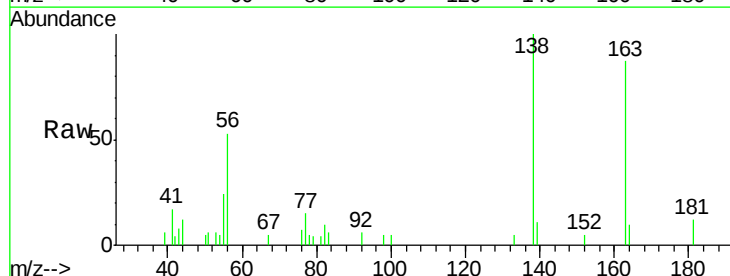


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

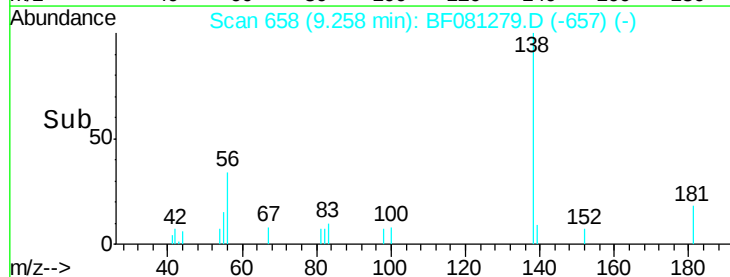
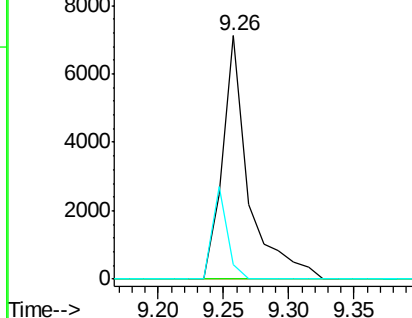


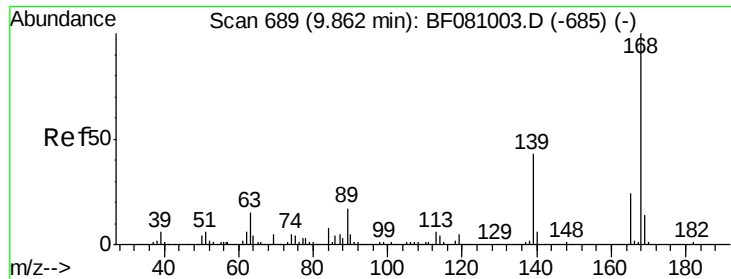
#52
 3-Nitroaniline
 Concen: 3.93 ng
 RT: 9.26 min Scan# 658
 Delta R.T. -0.29 min
 Lab File: BF081279.D
 Acq: 29 Aug 2015 19:23

Tgt Ion	Ratio	Lower	Upper
138	100		
108	0.0	9.4	14.2#
92	5.8	113.2	169.8#



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF0

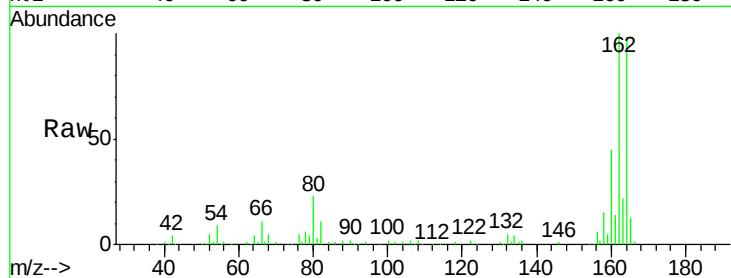




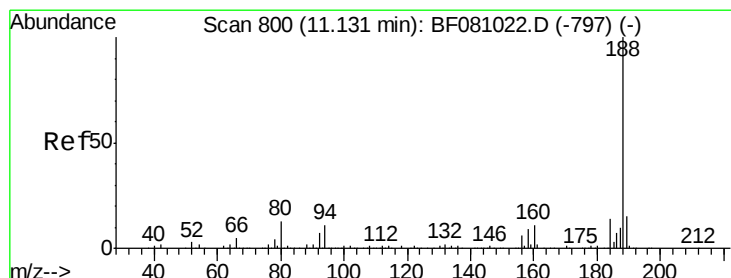
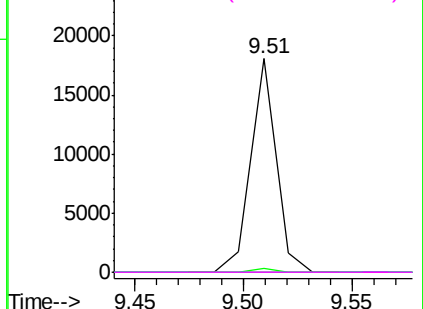
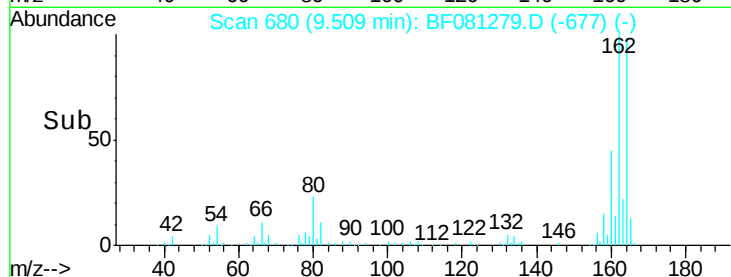
#56
 2,4-Dinitrotoluene
 Concen: 5.50 ng
 RT: 9.51 min Scan# 680
 Delta R.T. -0.26 min
 Lab File: BF081279.D
 Acq: 29 Aug 2015 19:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 14713
 Ion Ratio Lower Upper
 165 100
 63 2.0 52.2 78.4#
 89 0.0 60.1 90.1#
 182 0.0 1.8 2.6#

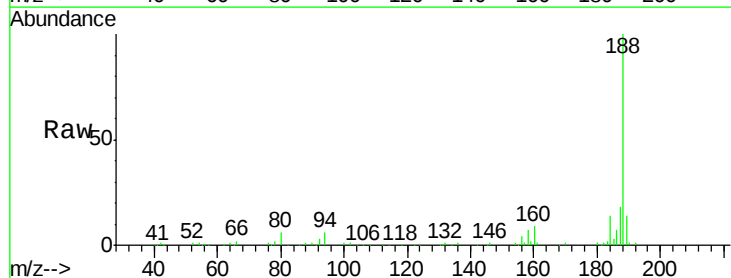


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

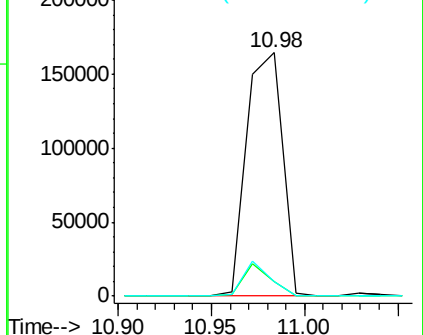
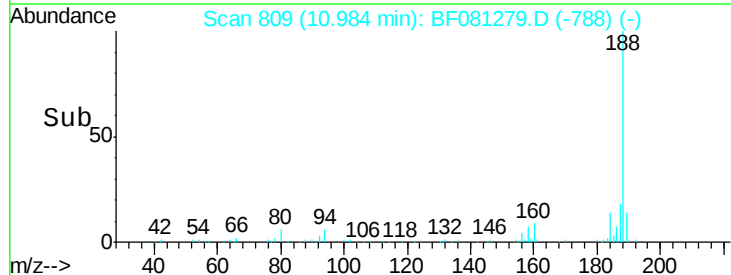


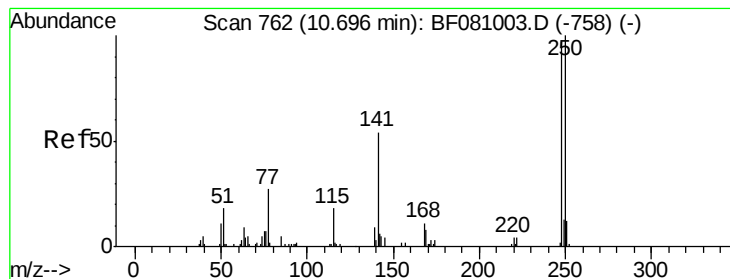
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.98 min Scan# 809
 Delta R.T. -0.06 min
 Lab File: BF081279.D
 Acq: 29 Aug 2015 19:23

Tgt Ion:188 Resp: 219891
 Ion Ratio Lower Upper
 188 100
 94 5.8 8.2 12.2#
 80 5.9 9.5 14.3#



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: 3.52 ng

RT: 10.30 min Scan# 749

Delta R.T. -0.30 min

Lab File: BF081279.D

Acq: 29 Aug 2015 19:23

Instrument :

BNA_F

ClientSampleId :

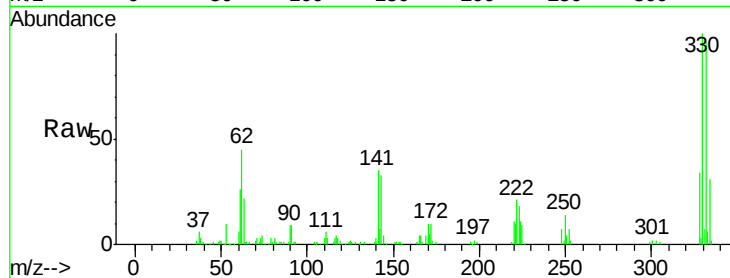
Tot Ion:248 Resp: 7603

Ion Ratio Lower Upper

248 100

250 195.9 77.8 116.6#

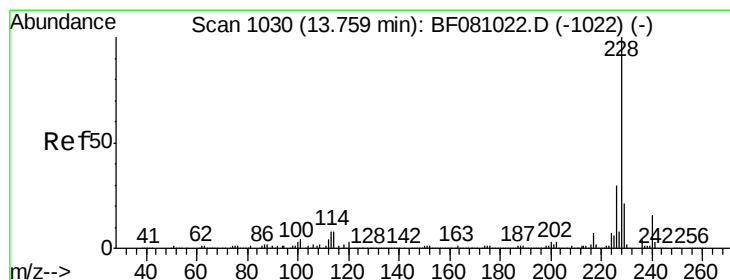
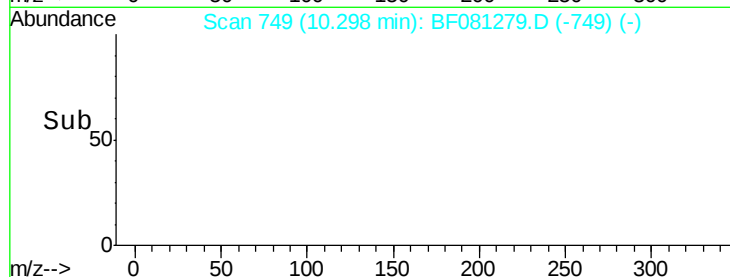
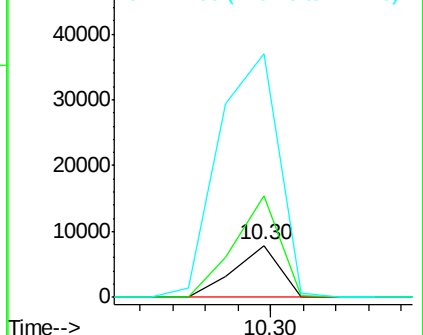
141 469.7 39.8 59.6#



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: 13.59 min Scan# 1037

Delta R.T. -0.07 min

Lab File: BF081279.D

Acq: 29 Aug 2015 19:23

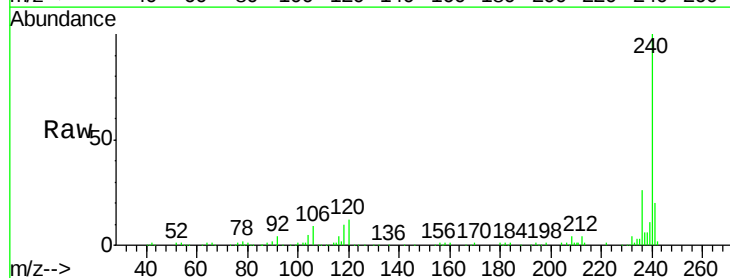
Tgt Ion:240 Resp: 194219

Ion Ratio Lower Upper

240 100

120 12.0 5.6 8.4#

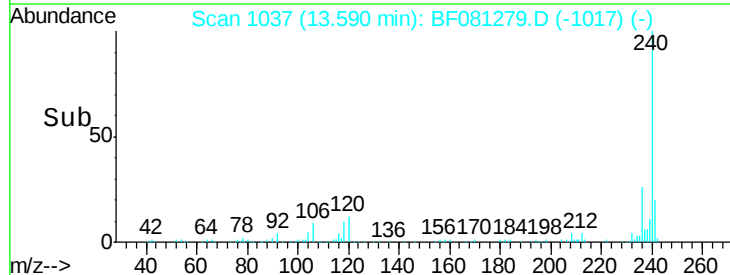
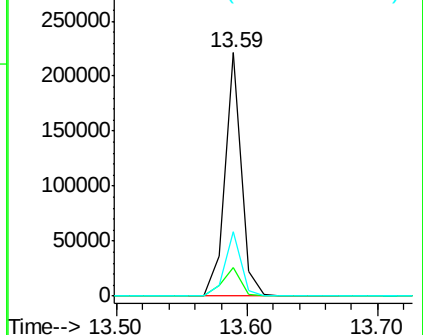
236 26.4 20.6 30.8

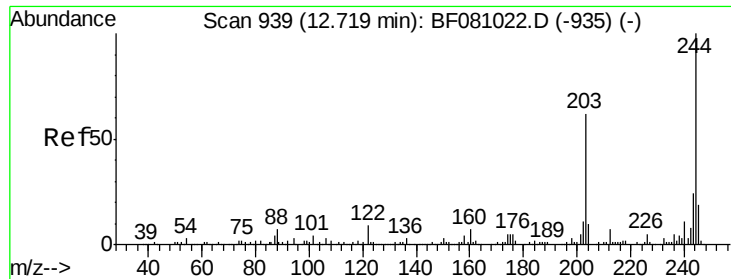


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

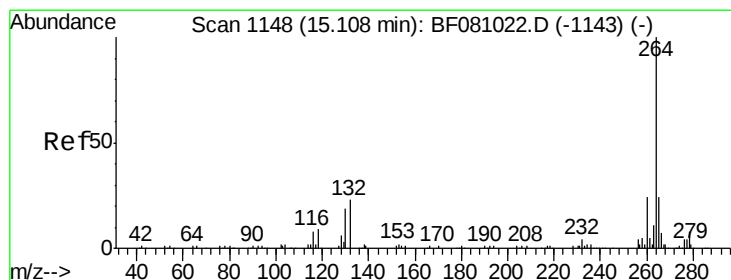
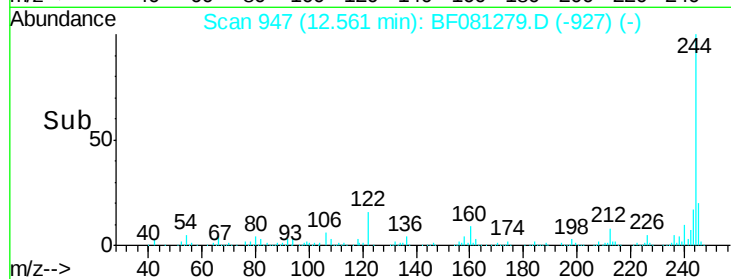
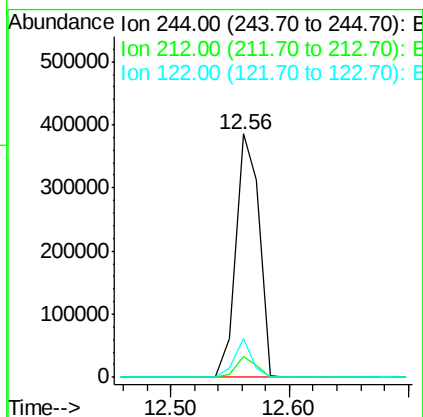
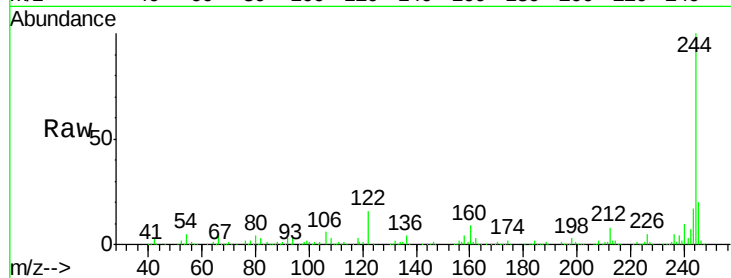




#78
 Terphenyl-d14
 Concen: 57.81 ng
 RT: 12.56 min Scan# 947
 Delta R.T. -0.07 min
 Lab File: BF081279.D
 Acq: 29 Aug 2015 19:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 523747
 Ion Ratio Lower Upper
 244 100
 212 8.4 5.8 8.8
 122 16.2 8.2 12.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.92 min Scan# 1153
 Delta R.T. -0.07 min
 Lab File: BF081279.D
 Acq: 29 Aug 2015 19:23

Tgt Ion:264 Resp: 149532
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.6 29.4
 265 20.9 17.5 26.3

