

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
 Data File : BF081828.D
 Acq On : 26 Sep 2015 15:24
 Operator : UM/IZ
 Sample : G3654-07
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-9B

Quant Time: Sep 28 03:13:46 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 25 06:02:49 2015
 Response via : Initial Calibration

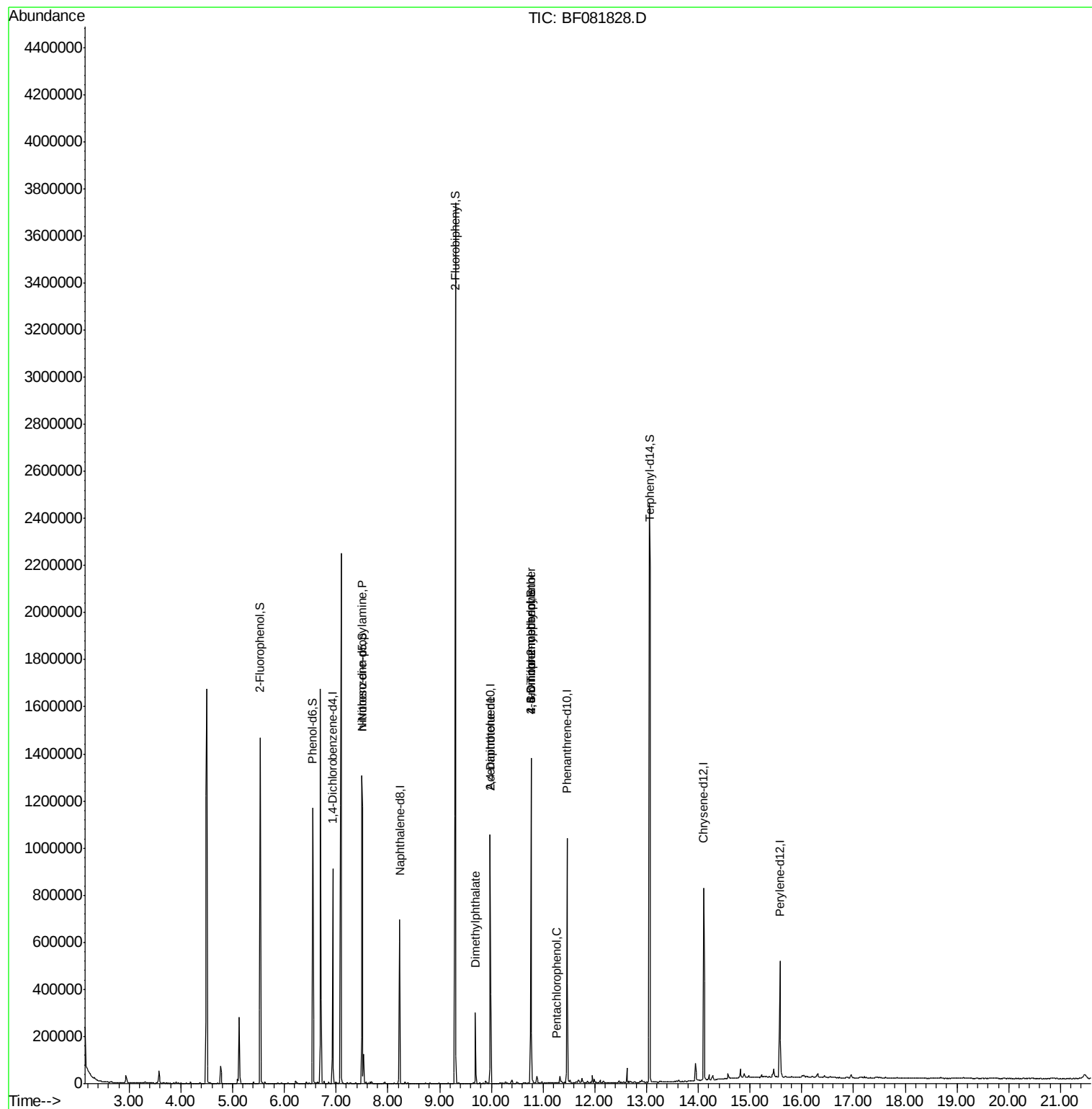
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	129729	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	464340	20.00	ng	-0.01
38) Acenaphthene-d10	9.98	164	220492	20.00	ng	-0.02
63) Phenanthrene-d10	11.46	188	426271	20.00	ng	-0.01
75) Chrysene-d12	14.10	240	335618	20.00	ng	-0.01
86) Perylene-d12	15.58	264	206993	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	361942	47.20	ng	-0.01
7) Phenol-d6	6.55	99	347270	35.80	ng	-0.02
23) Nitrobenzene-d5	7.50	82	629319	89.42	ng	-0.02
41) 2,4,6-Tribromophenol	10.77	330	152349	79.59	ng	-0.02
44) 2-Fluorobiphenyl	9.30	172	1165049	86.74	ng	-0.01
78) Terphenyl-d14	13.06	244	1151001	78.34	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.50	70	85915	13.29	ng	# 60
49) Dimethylphthalate	9.69	163	111852	6.67	ng	# 97
56) 2,4-Dinitrotoluene	9.98	165	28490	7.35	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.77	198	240	7.77	ng	# 1
66) 4-Bromophenyl-phenylether	10.77	248	10310	2.17	ng	# 1
69) Pentachlorophenol	11.27	266	259	5.73	ng	# 19

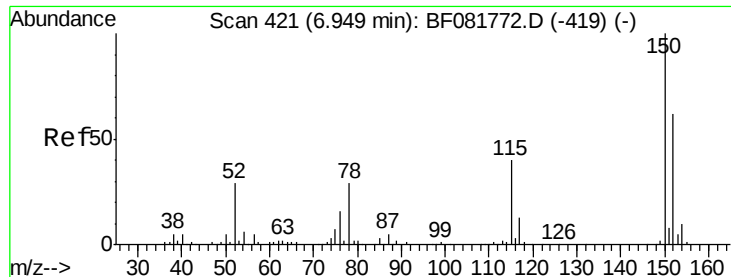
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF081828.D

Acq: 26 Sep 2015 15:24

Instrument :

BNA_F

ClientSampleId :

MW-9B

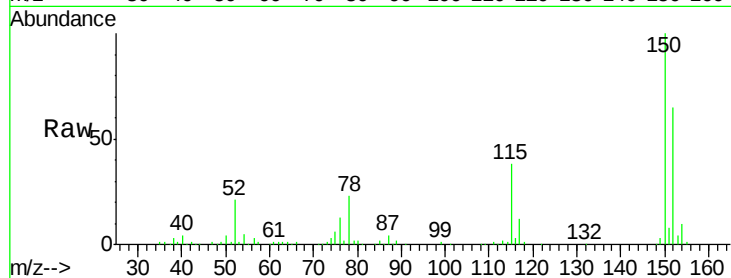
Tgt Ion:152 Resp: 129729

Ion Ratio Lower Upper

152 100

150 154.2 124.7 187.1

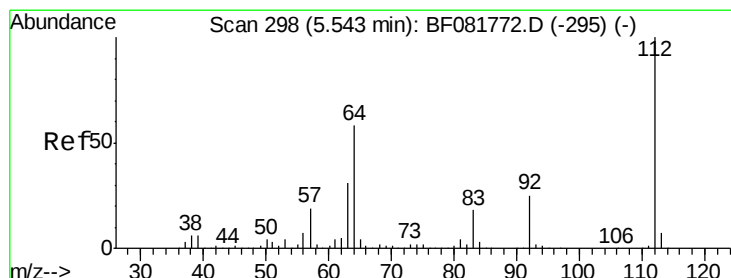
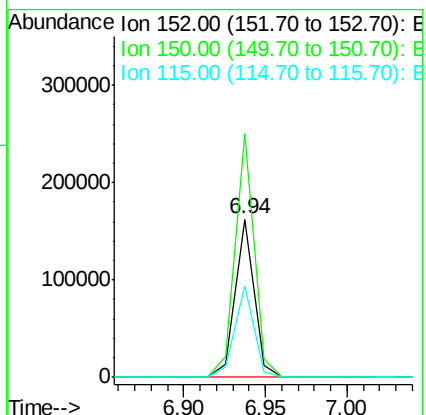
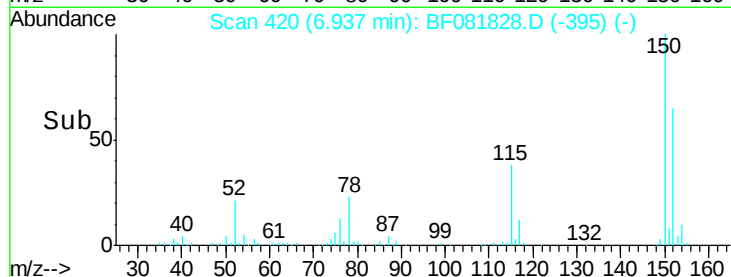
115 58.0 39.0 58.4



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: 47.20 ng

RT: 5.53 min Scan# 297

Delta R.T. -0.01 min

Lab File: BF081828.D

Acq: 26 Sep 2015 15:24

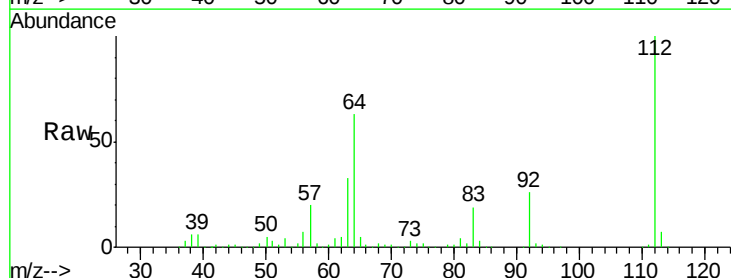
Tgt Ion:112 Resp: 361942

Ion Ratio Lower Upper

112 100

64 62.7 39.7 59.5#

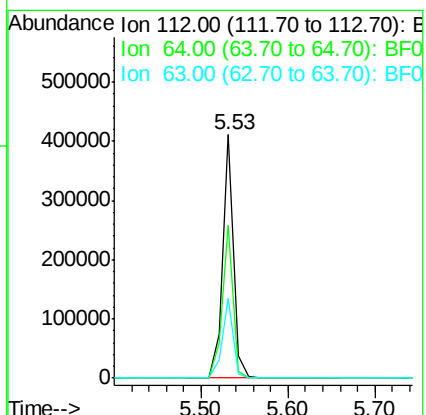
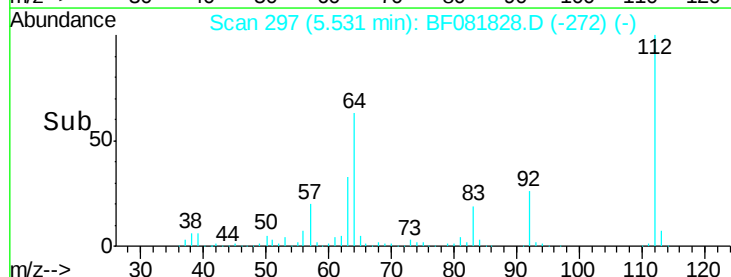
63 32.7 17.4 26.0#

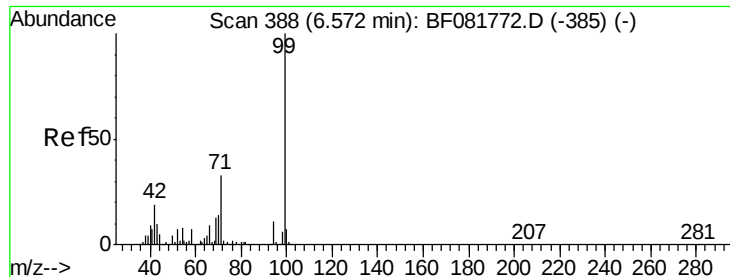


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 35.80 ng

RT: 6.55 min Scan# 386

Delta R.T. -0.02 min

Lab File: BF081828.D

Acq: 26 Sep 2015 15:24

Instrument :

BNA_F

ClientSampleId :

MW-9B

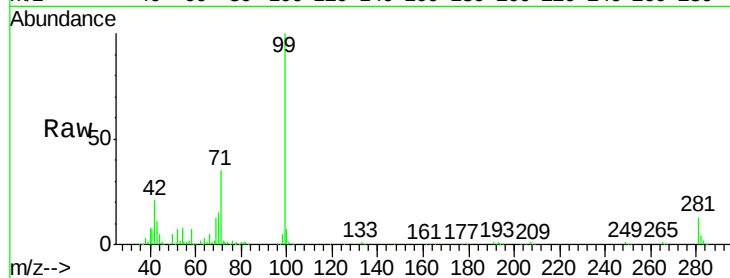
Tgt Ion: 99 Resp: 347270

Ion Ratio Lower Upper

99 100

42 20.6 13.7 20.5#

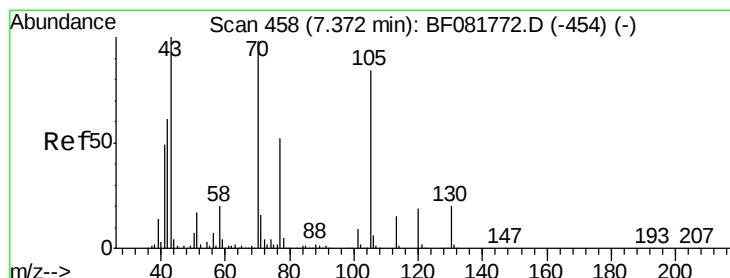
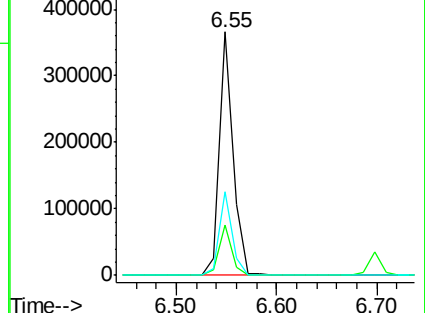
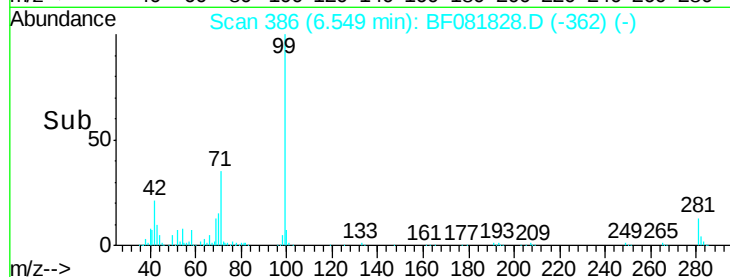
71 34.5 14.2 21.2#



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.29 ng

RT: 7.50 min Scan# 469

Delta R.T. 0.13 min

Lab File: BF081828.D

Acq: 26 Sep 2015 15:24

Tgt Ion: 70 Resp: 85915

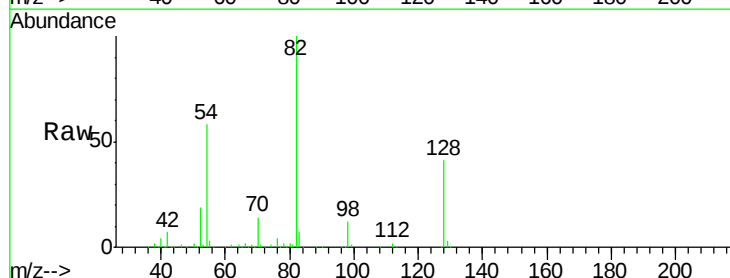
Ion Ratio Lower Upper

70 100

42 49.4 63.8 95.6#

101 0.0 9.2 13.8#

130 2.2 27.3 40.9#

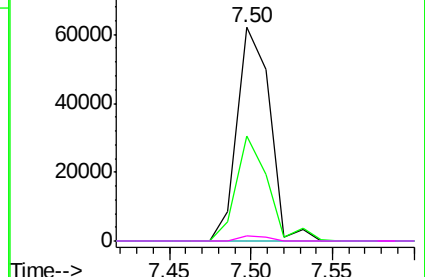
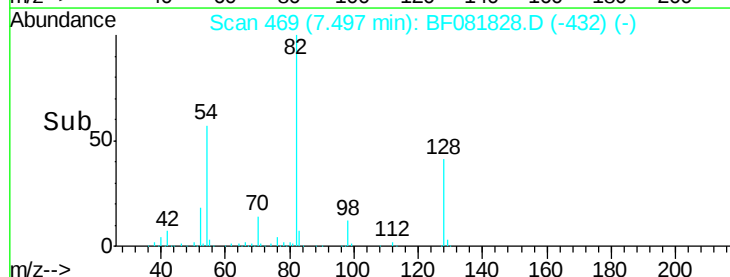


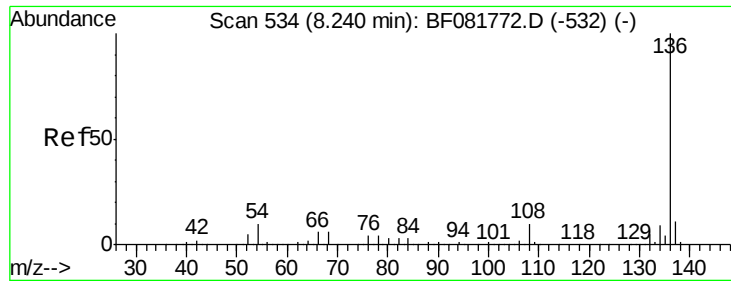
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

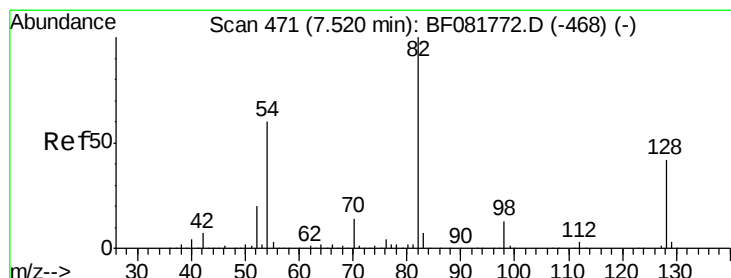
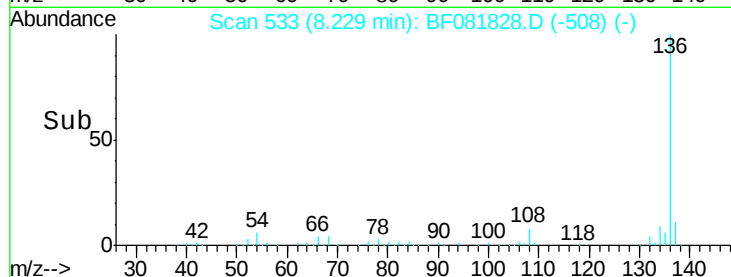
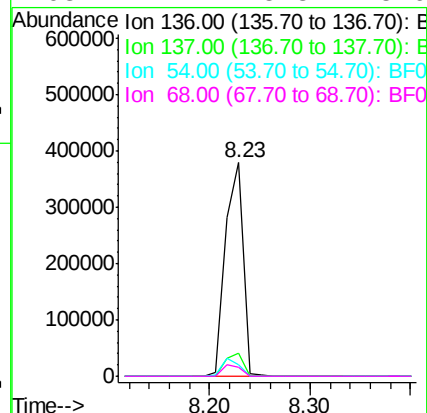
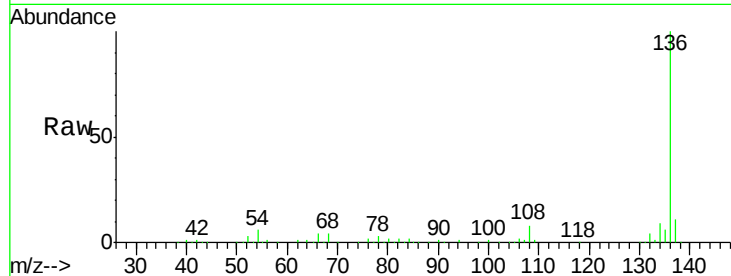




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.23 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF081828.D
Acq: 26 Sep 2015 15:24

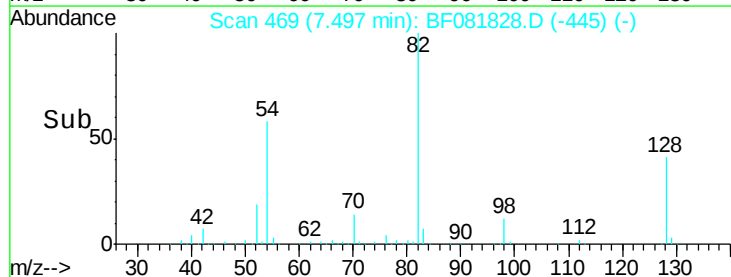
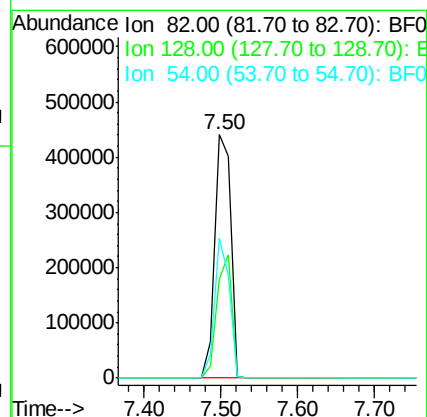
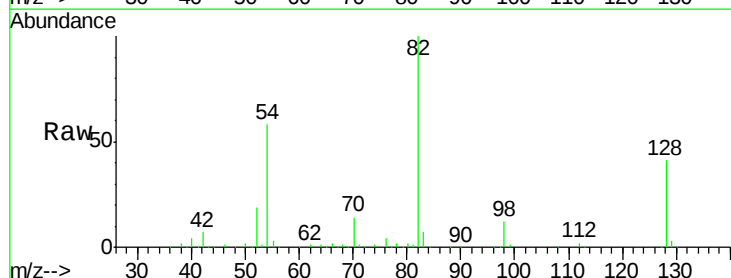
Instrument :
BNA_F
ClientSampleId :
MW-9B

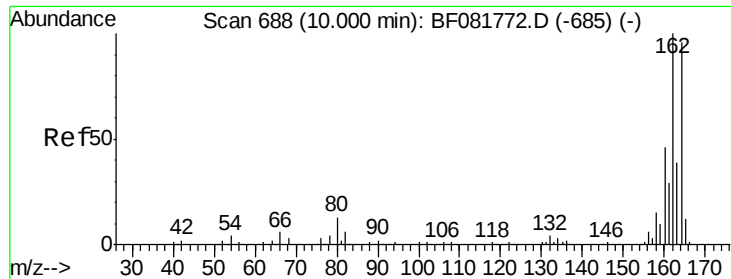
Tgt Ion:	136	Resp:	464340
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.6
54	5.6	8.2	12.2#
68	4.1	5.8	8.6#



#23
Nitrobenzene-d5
Concen: 89.42 ng
RT: 7.50 min Scan# 469
Delta R.T. -0.02 min
Lab File: BF081828.D
Acq: 26 Sep 2015 15:24

Tgt Ion:	82	Resp:	629319
Ion	Ratio	Lower	Upper
82	100		
128	40.6	51.0	76.6#
54	57.5	47.5	71.3

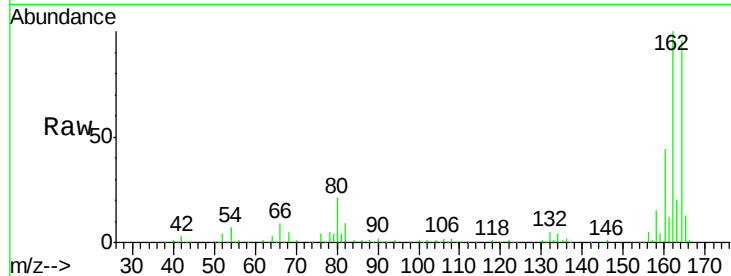




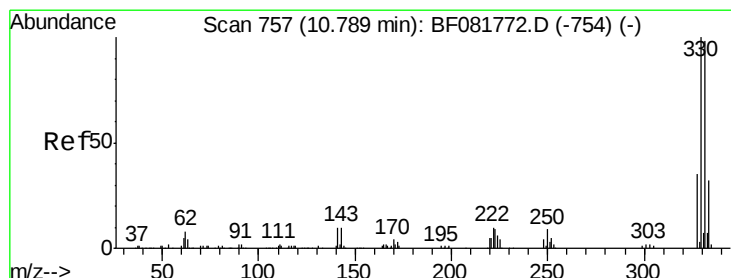
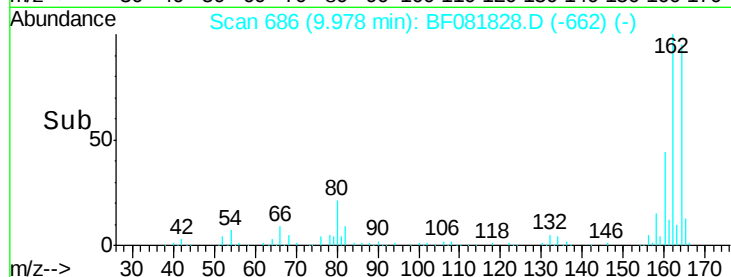
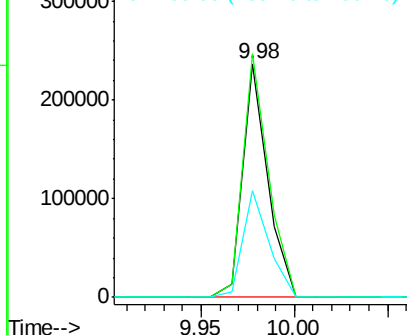
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.98 min Scan# 686
 Delta R.T. -0.02 min
 Lab File: BF081828.D
 Acq: 26 Sep 2015 15:24

Instrument :
 BNA_F
 ClientSampleId :
 MW-9B

Tgt Ion:164 Resp: 220492
 Ion Ratio Lower Upper
 164 100
 162 104.2 75.2 112.8
 160 45.5 31.5 47.3

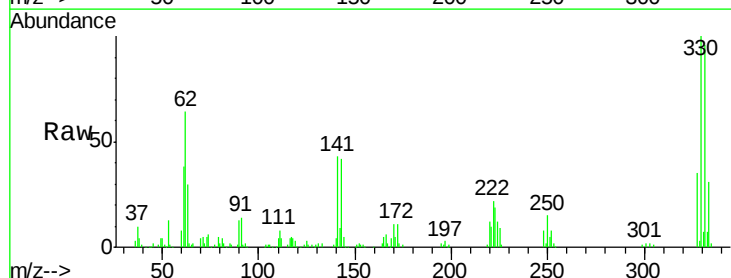


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

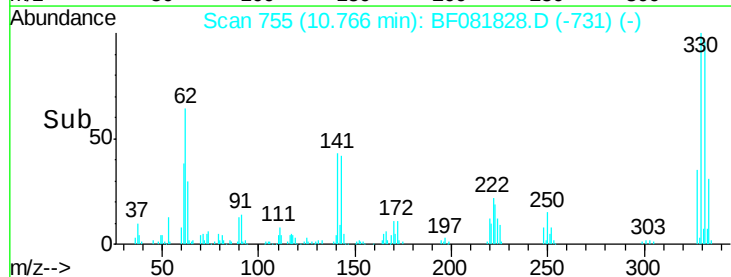
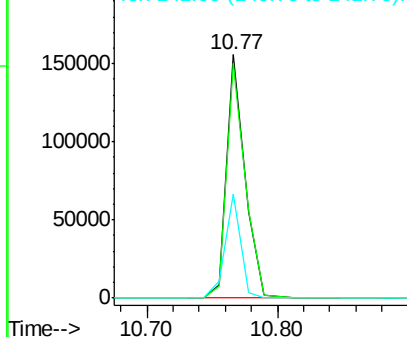


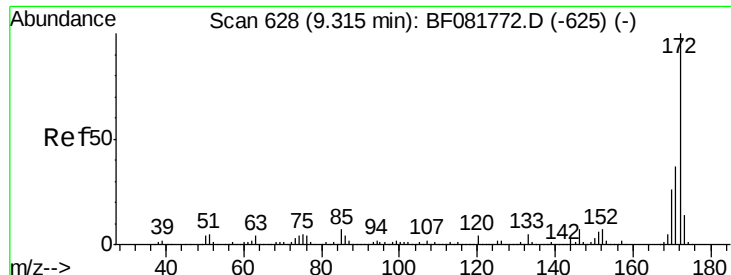
#41
 2,4,6-Tribromophenol
 Concen: 79.59 ng
 RT: 10.77 min Scan# 755
 Delta R.T. -0.02 min
 Lab File: BF081828.D
 Acq: 26 Sep 2015 15:24

Tgt Ion:330 Resp: 152349
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.6 114.8
 141 37.0 29.7 44.5



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

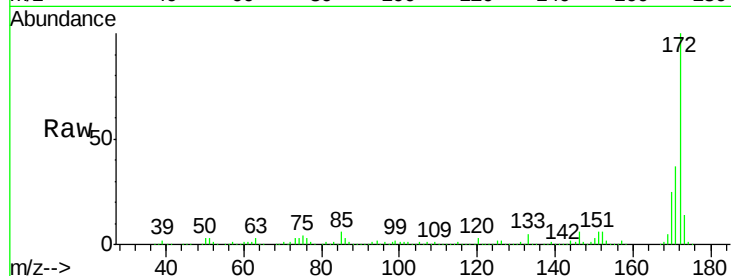




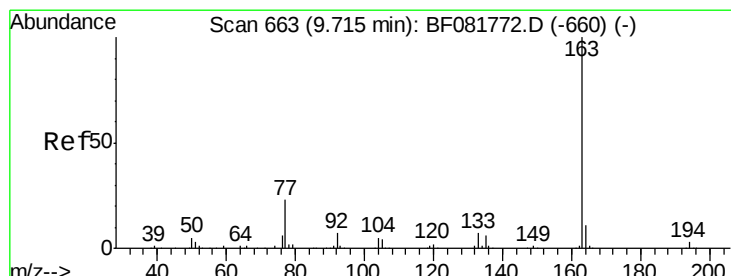
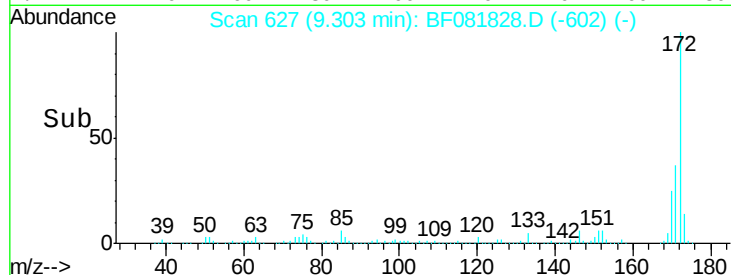
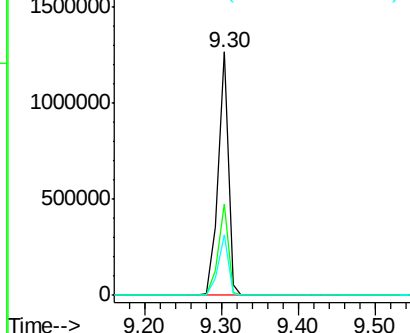
#44
 2-Fluorobiphenyl
 Concen: 86.74 ng
 RT: 9.30 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF081828.D
 Acq: 26 Sep 2015 15:24

Instrument :
 BNA_F
 ClientSampleId :
 MW-9B

Tgt Ion:172 Resp: 1165049
 Ion Ratio Lower Upper
 172 100
 171 37.3 26.1 39.1
 170 25.1 17.4 26.2

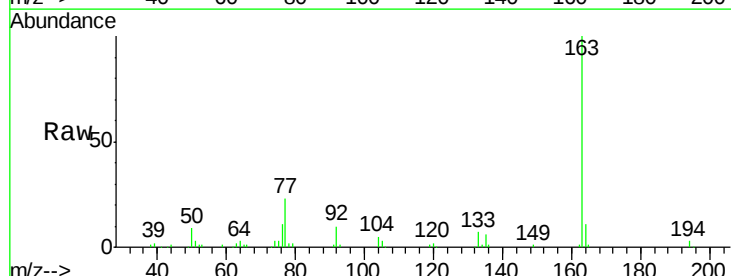


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

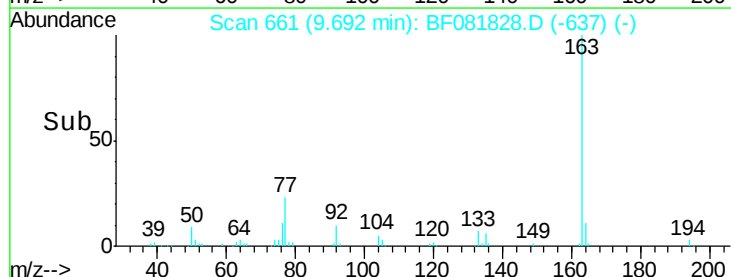
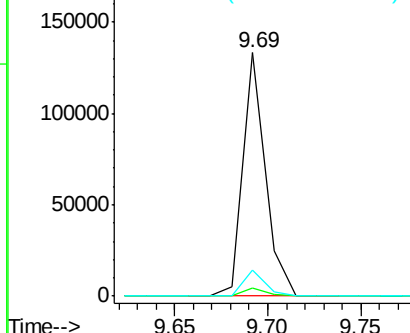


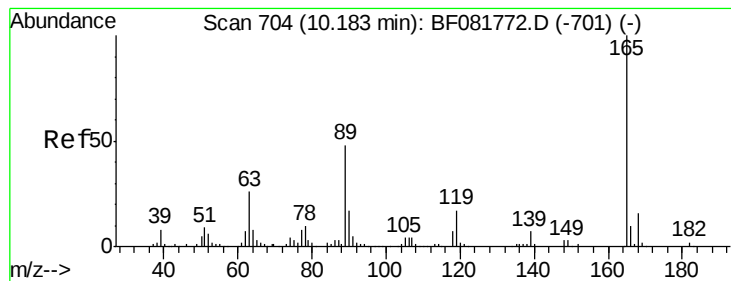
#49
 Dimethylphthalate
 Concen: 6.67 ng
 RT: 9.69 min Scan# 661
 Delta R.T. -0.02 min
 Lab File: BF081828.D
 Acq: 26 Sep 2015 15:24

Tgt Ion:163 Resp: 111852
 Ion Ratio Lower Upper
 163 100
 194 3.1 4.4 6.6#
 164 10.5 8.3 12.5



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

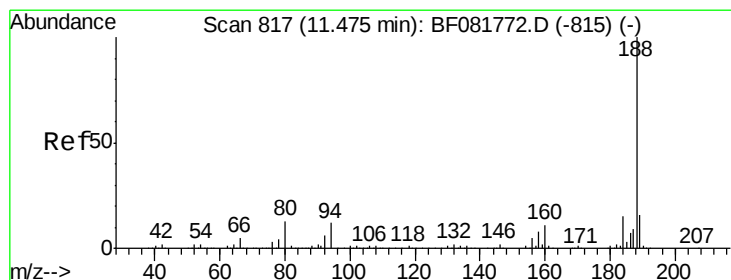
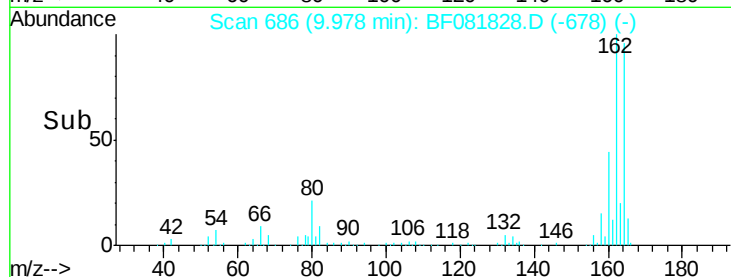
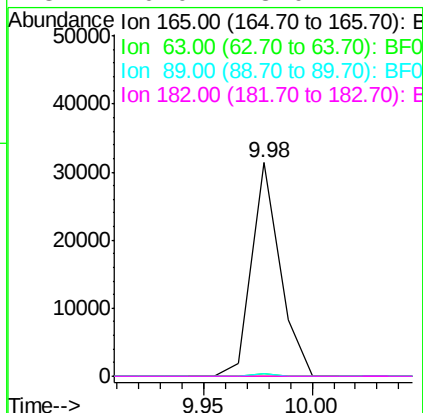
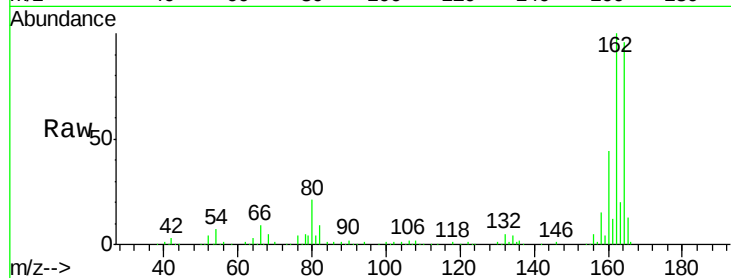




#56
 2,4-Dinitrotoluene
 Concen: 7.35 ng
 RT: 9.98 min Scan# 686
 Delta R.T. -0.21 min
 Lab File: BF081828.D
 Acq: 26 Sep 2015 15:24

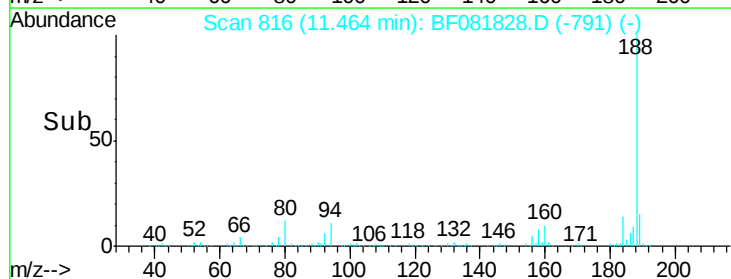
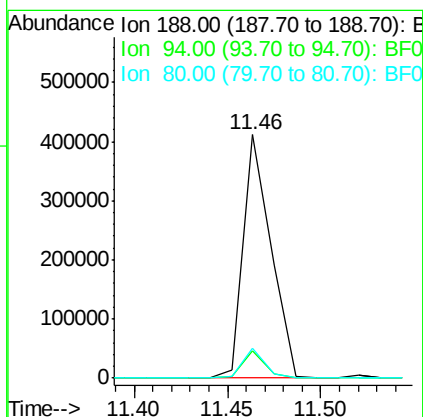
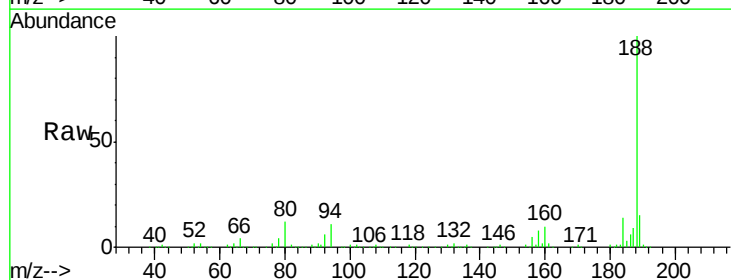
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 MW-9B

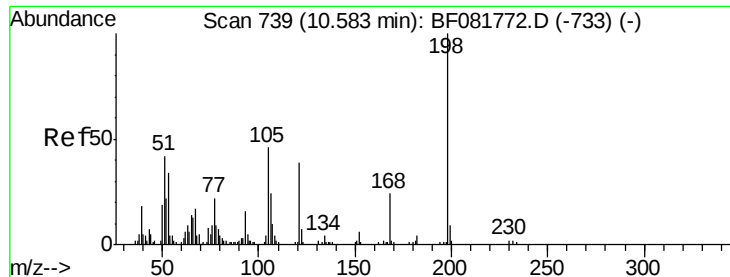
Tgt Ion:	165	Resp:	28490
Ion Ratio	Lower	Upper	
165	100		
63	1.4	29.8	44.6#
89	1.4	44.5	66.7#
182	0.0	3.0	4.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.46 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BF081828.D
 Acq: 26 Sep 2015 15:24

Tgt Ion:	188	Resp:	426271
Ion Ratio	Lower	Upper	
188	100		
94	11.1	11.1	16.7
80	12.1	11.0	16.4

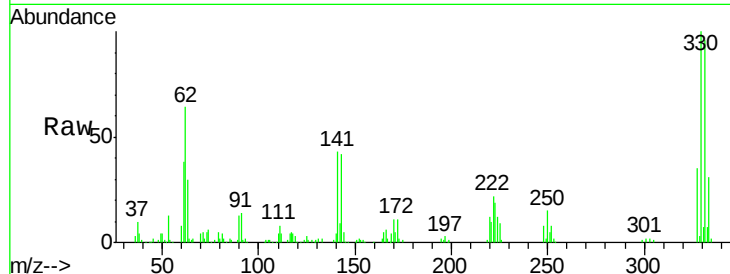




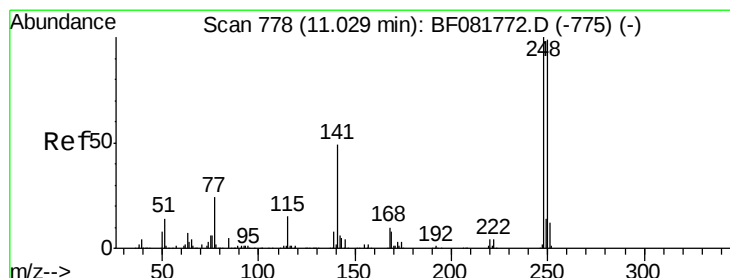
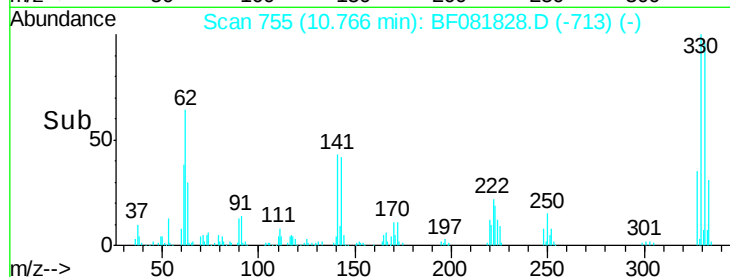
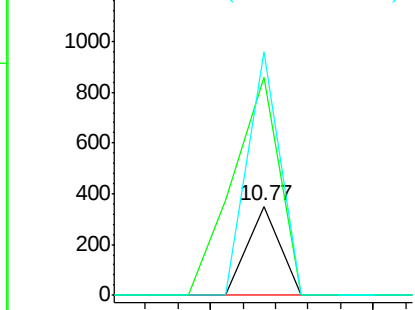
#64
4,6-Dinitro-2-methylphenol
Concen: 7.77 ng
RT: 10.77 min Scan# 755
Delta R.T. 0.18 min
Lab File: BF081828.D
Acq: 26 Sep 2015 15:24

Instrument :
BNA_F
ClientSampleId :
MW-9B

Tgt Ion:198 Resp: 240
Ion Ratio Lower Upper
198 100
51 245.1 39.6 79.6#
105 274.0 28.5 68.5#

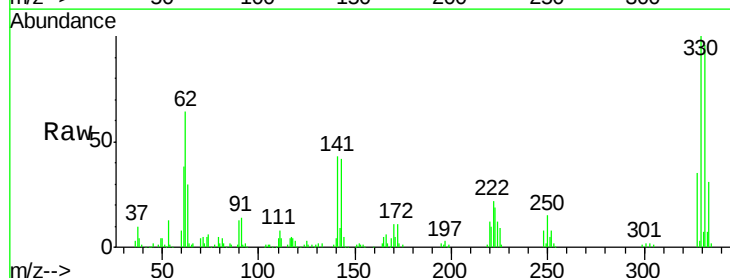


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

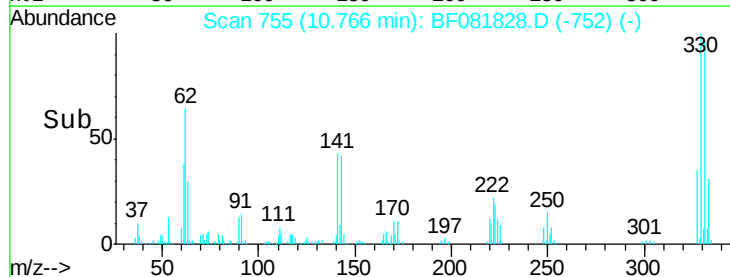
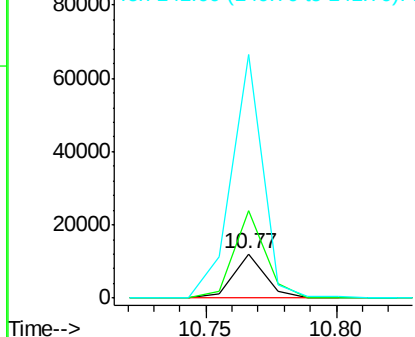


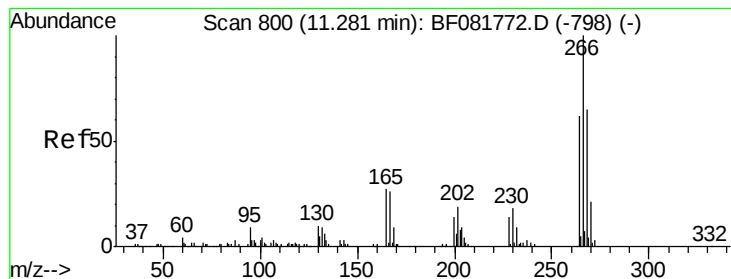
#66
4-Bromophenyl-phenylether
Concen: 2.17 ng
RT: 10.77 min Scan# 755
Delta R.T. -0.26 min
Lab File: BF081828.D
Acq: 26 Sep 2015 15:24

Tgt Ion:248 Resp: 10310
Ion Ratio Lower Upper
248 100
250 196.0 78.5 117.7#
141 548.1 59.0 88.6#



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





#69

Pentachlorophenol

Concen: 5.73 ng

RT: 11.27 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF081828.D

Acq: 26 Sep 2015 15:24

Instrument :

BNA_F

ClientSampleId :

MW-9B

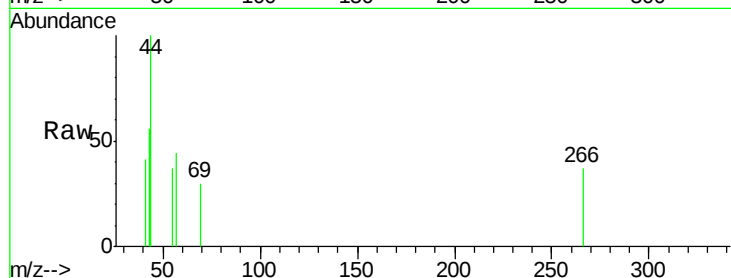
Tgt Ion:266 Resp: 259

Ion Ratio Lower Upper

266 100

268 0.0 49.8 74.6#

264 0.0 50.2 75.2#

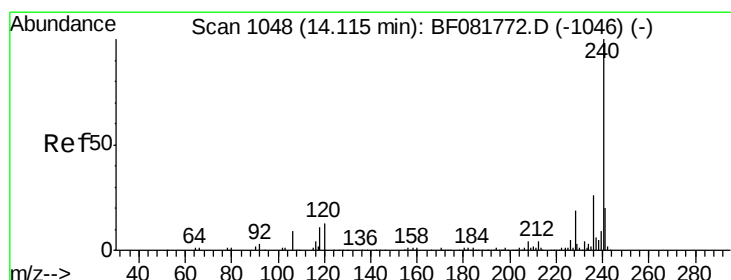
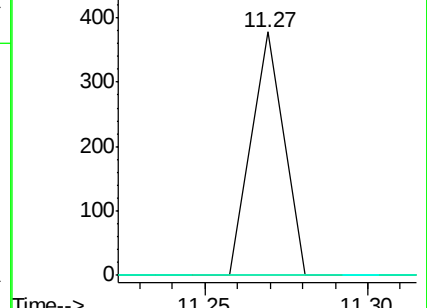
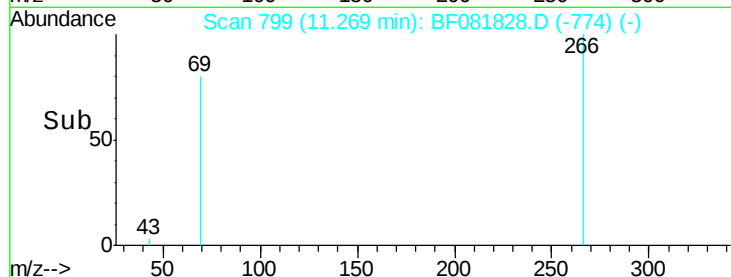


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.10 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF081828.D

Acq: 26 Sep 2015 15:24

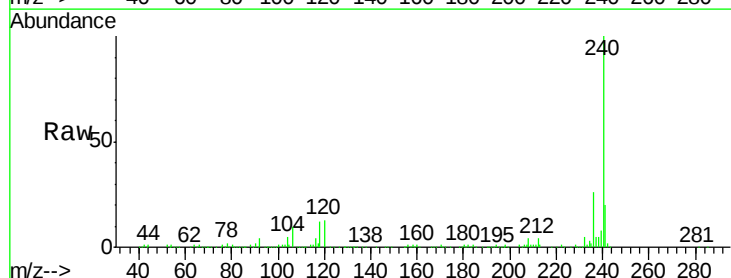
Tgt Ion:240 Resp: 335618

Ion Ratio Lower Upper

240 100

120 13.3 16.2 24.2#

236 26.1 18.4 27.6

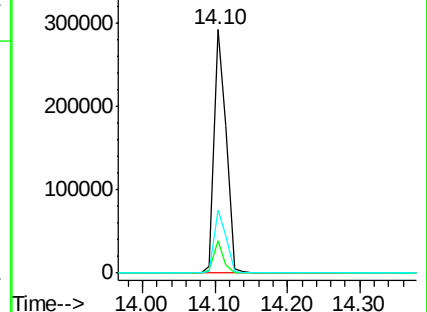
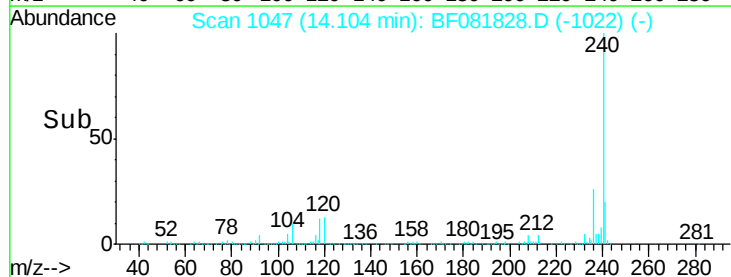


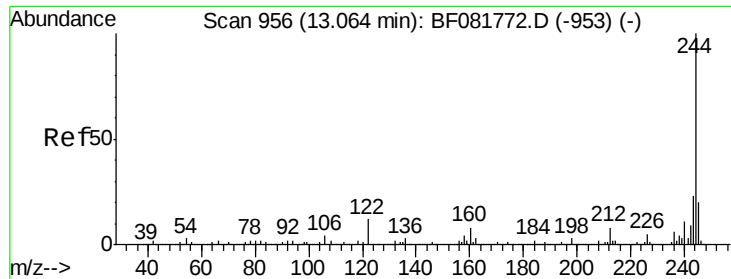
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time-->

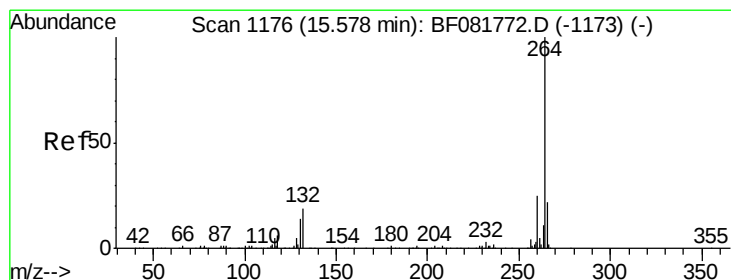
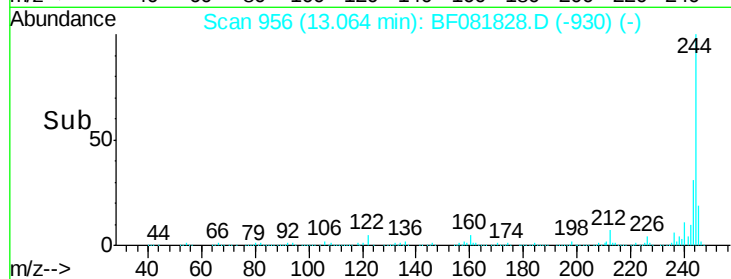
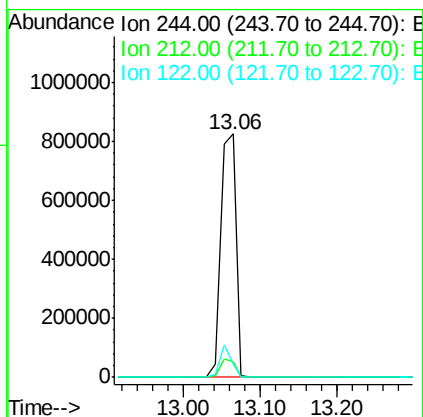
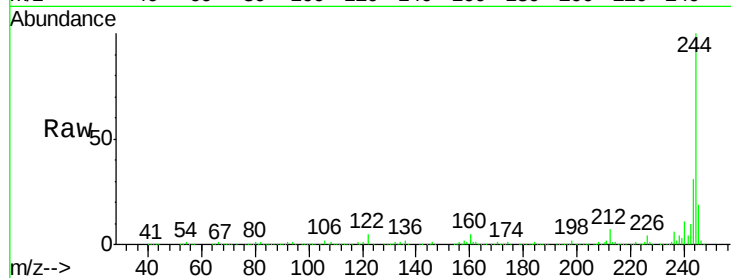




#78
 Terphenyl-d14
 Concen: 78.34 ng
 RT: 13.06 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: BF081828.D
 Acq: 26 Sep 2015 15:24

Instrument :
 BNA_F
 ClientSampleId :
 MW-9B

Tgt Ion:244 Resp: 1151001
 Ion Ratio Lower Upper
 244 100
 212 6.6 4.3 6.5#
 122 5.4 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.58 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BF081828.D
 Acq: 26 Sep 2015 15:24

Tgt Ion:264 Resp: 206993
 Ion Ratio Lower Upper
 264 100
 260 25.6 16.7 25.1#
 265 21.5 17.2 25.8

