

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092515\
 Data File : BF081813.D
 Acq On : 25 Sep 2015 20:26
 Operator : UM/IZ
 Sample : G3676-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-6

Quant Time: Sep 25 23:24:28 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

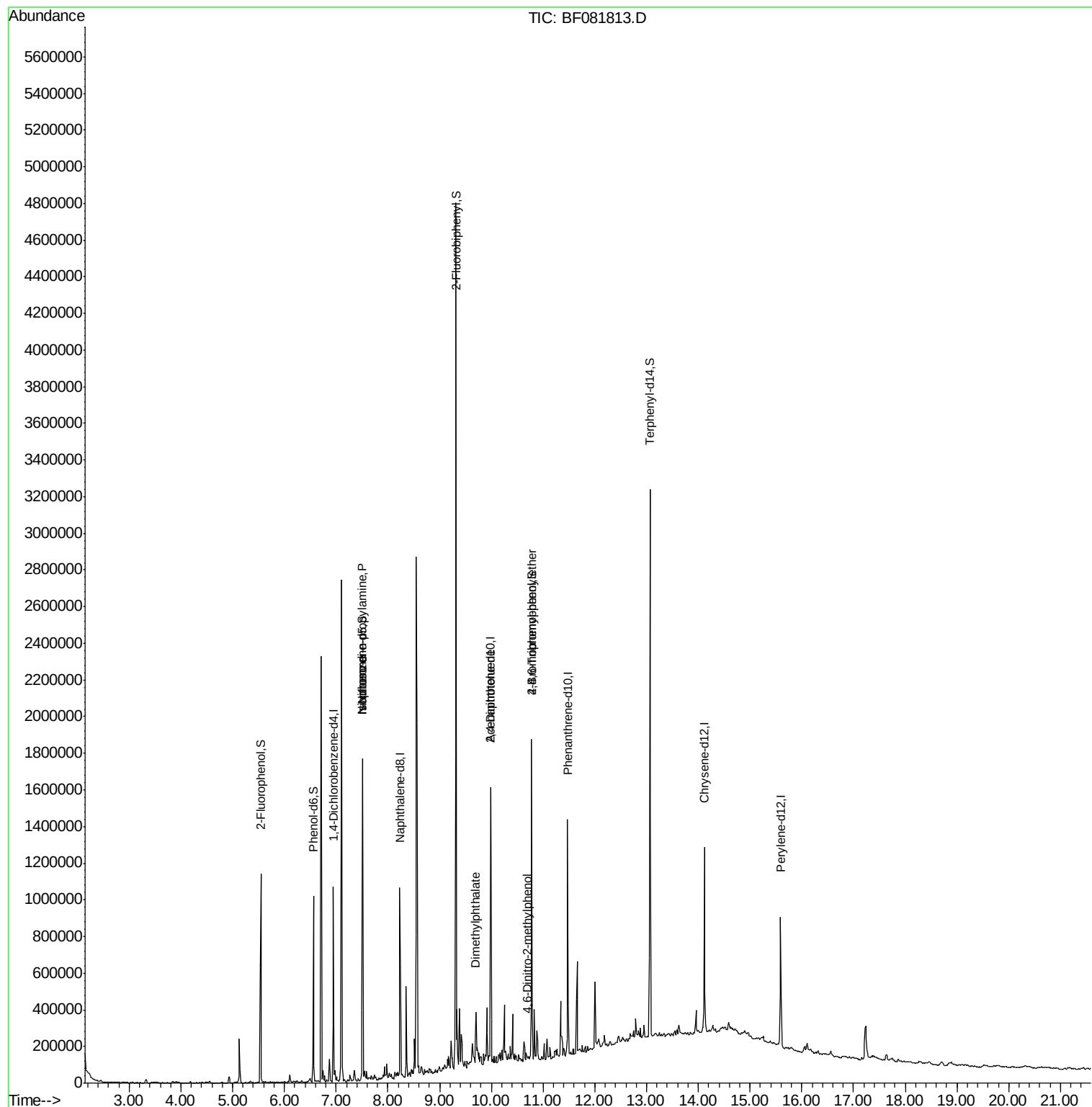
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	166500	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	577494	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	271789	20.00	ng	-0.01
63) Phenanthrene-d10	11.47	188	453847	20.00	ng	0.00
75) Chrysene-d12	14.12	240	356080	20.00	ng	0.00
86) Perylene-d12	15.59	264	353125	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	354438	36.01	ng	0.00
7) Phenol-d6	6.56	99	272895	21.92	ng	-0.01
23) Nitrobenzene-d5	7.51	82	883941	100.99	ng	-0.01
41) 2,4,6-Tribromophenol	10.78	330	194513	82.43	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	1481553	89.48	ng	0.00
78) Terphenyl-d14	13.06	244	1092249	70.07	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.51	70	119156	14.36	ng	# 60
25) Isophorone	7.51	82	792683	40.88	ng	# 59
49) Dimethylphthalate	9.70	163	66032	3.19	ng	# 98
56) 2,4-Dinitrotoluene	9.99	165	38131	7.98	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.70	198	1390	9.55	ng	# 13
66) 4-Bromophenyl-phenylether	10.78	248	13556	2.68	ng	# 1

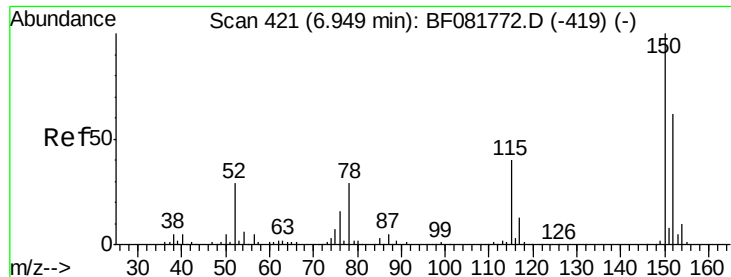
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.95 min Scan# 421

Delta R.T. -0.00 min

Lab File: BF081813.D

Acq: 25 Sep 2015 20:26

Instrument :

BNA_F

ClientSampleId :

TEC-6

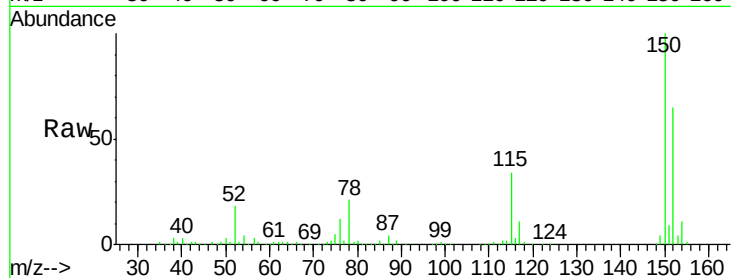
Tgt Ion:152 Resp: 166500

Ion Ratio Lower Upper

152 100

150 153.4 124.7 187.1

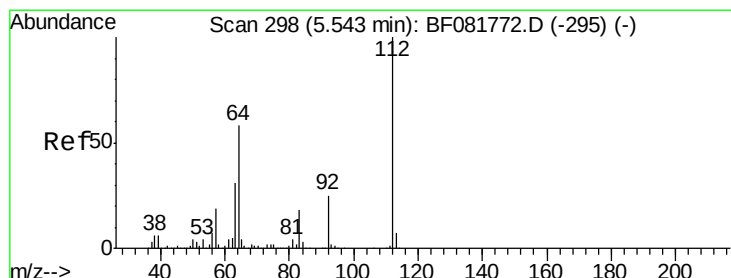
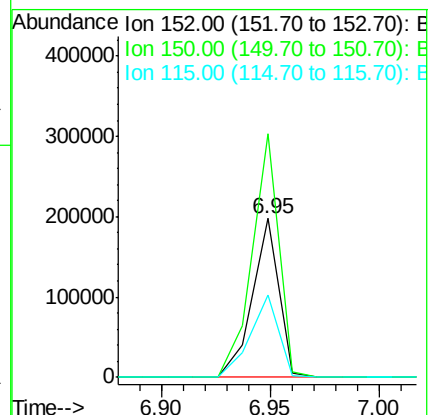
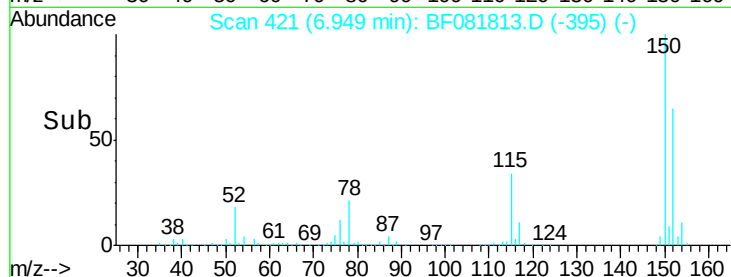
115 52.2 39.0 58.4



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: 36.01 ng

RT: 5.54 min Scan# 298

Delta R.T. -0.00 min

Lab File: BF081813.D

Acq: 25 Sep 2015 20:26

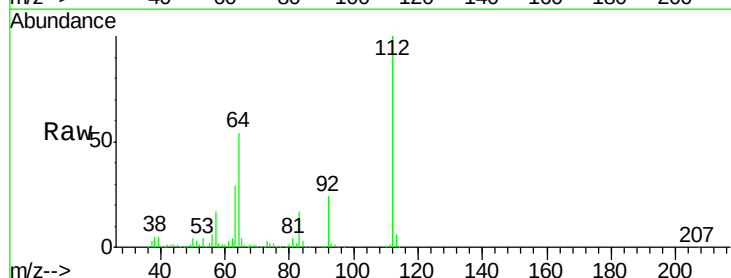
Tgt Ion:112 Resp: 354438

Ion Ratio Lower Upper

112 100

64 54.1 39.7 59.5

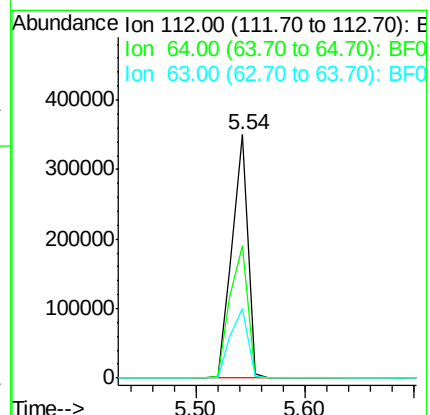
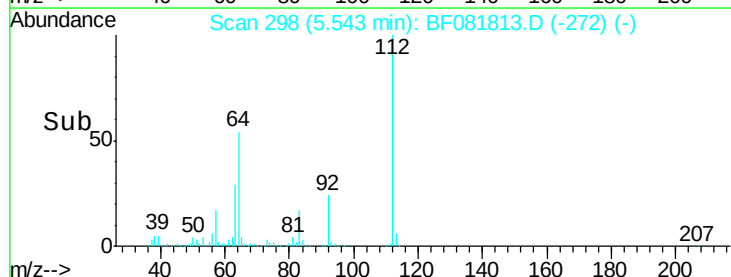
63 28.5 17.4 26.0#

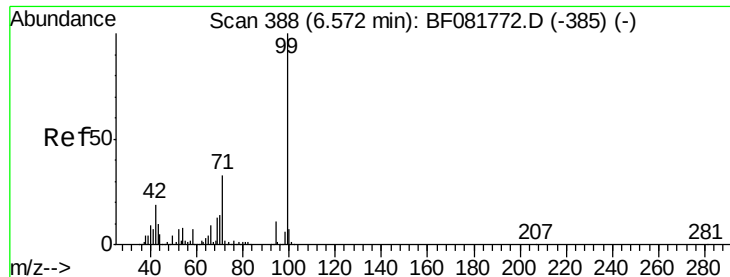


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 21.92 ng

RT: 6.56 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF081813.D

Acq: 25 Sep 2015 20:26

Instrument :

BNA_F

ClientSampleId :

TEC-6

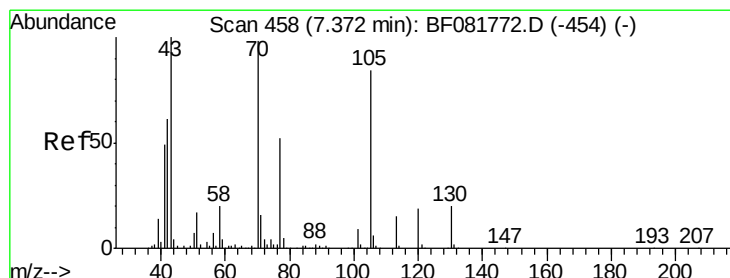
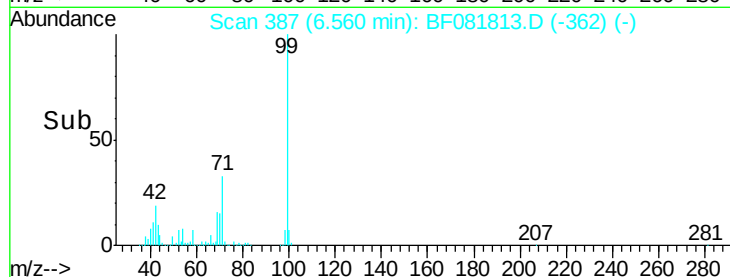
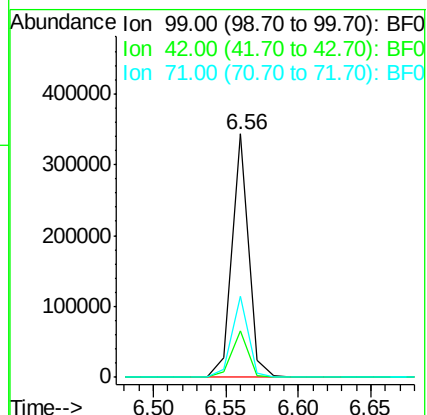
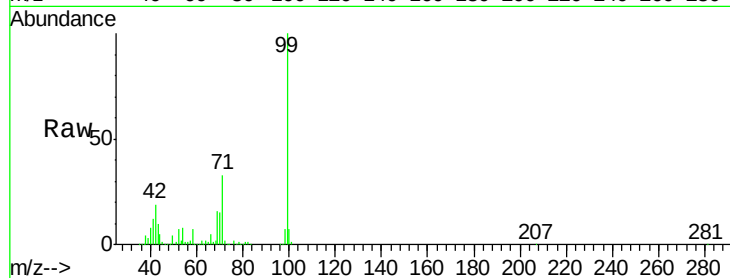
Tgt Ion: 99 Resp: 272895

Ion Ratio Lower Upper

99 100

42 19.2 13.7 20.5

71 33.4 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 14.36 ng

RT: 7.51 min Scan# 470

Delta R.T. 0.14 min

Lab File: BF081813.D

Acq: 25 Sep 2015 20:26

Tgt Ion: 70 Resp: 119156

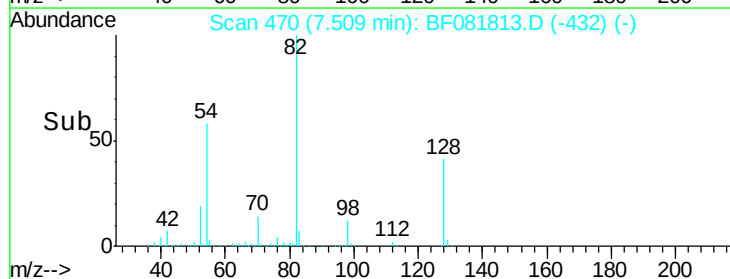
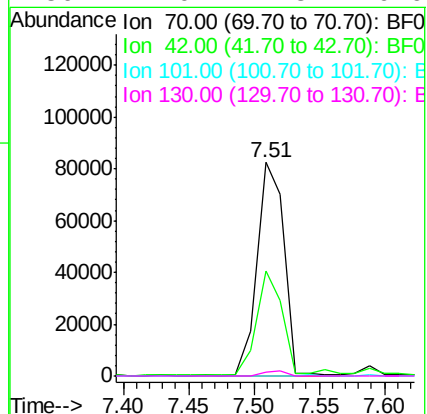
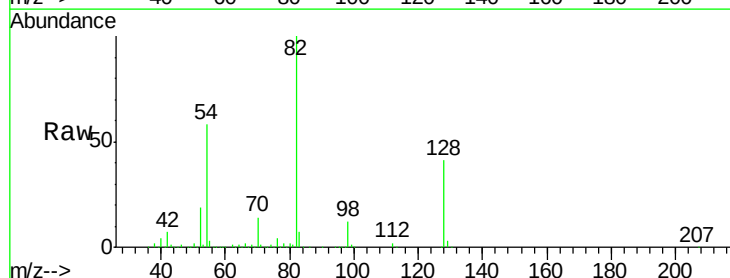
Ion Ratio Lower Upper

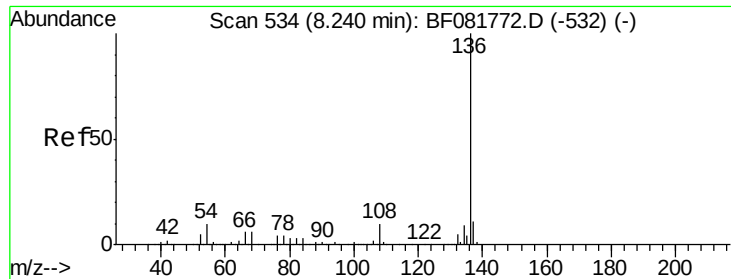
70 100

42 48.9 63.8 95.6#

101 0.0 9.2 13.8#

130 2.0 27.3 40.9#

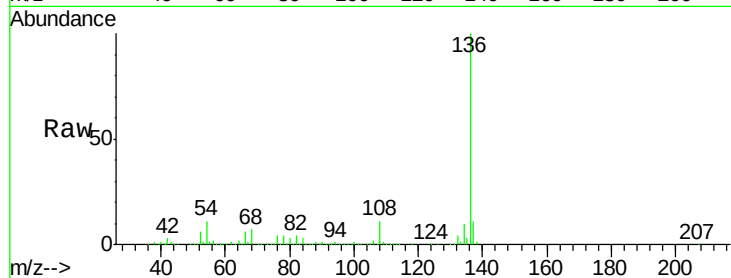




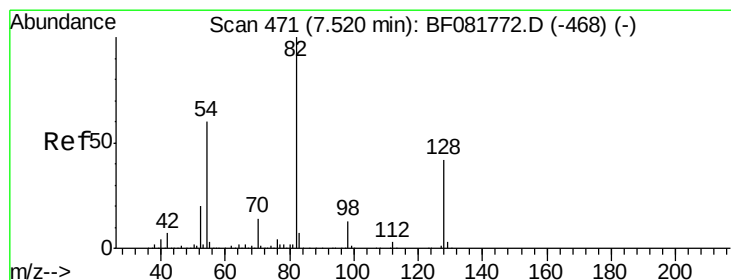
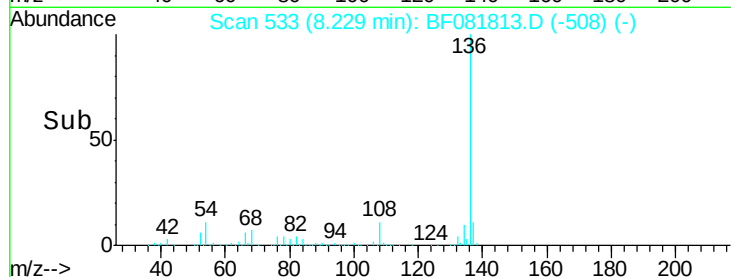
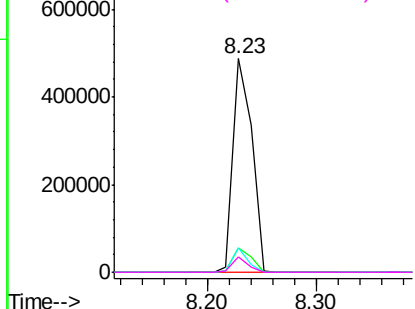
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.23 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF081813.D
Acq: 25 Sep 2015 20:26

Instrument :
BNA_F
ClientSampleId :
TEC-6

Tgt Ion:	136	Resp:	577494
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	11.3	8.2	12.2
68	7.2	5.8	8.6

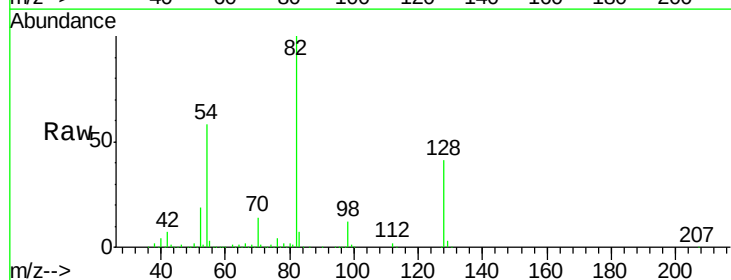


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

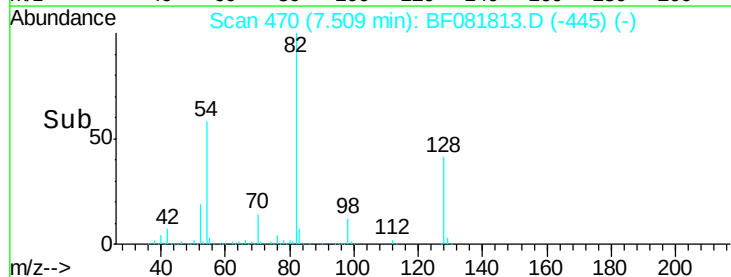
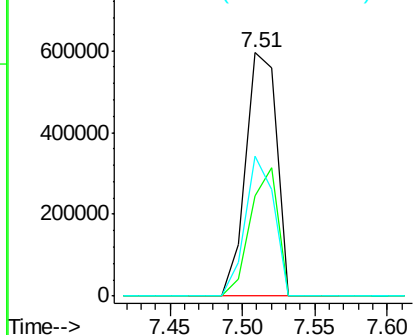


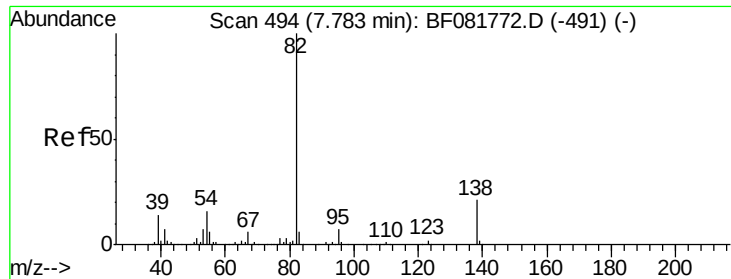
#23
Nitrobenzene-d5
Concen: 100.99 ng
RT: 7.51 min Scan# 470
Delta R.T. -0.01 min
Lab File: BF081813.D
Acq: 25 Sep 2015 20:26

Tgt Ion:	82	Resp:	883941
Ion	Ratio	Lower	Upper
82	100		
128	41.2	51.0	76.6#
54	57.5	47.5	71.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 40.88 ng

RT: 7.51 min Scan# 470

Delta R.T. -0.27 min

Lab File: BF081813.D

Acq: 25 Sep 2015 20:26

Instrument :

BNA_F

ClientSampleId :

TEC-6

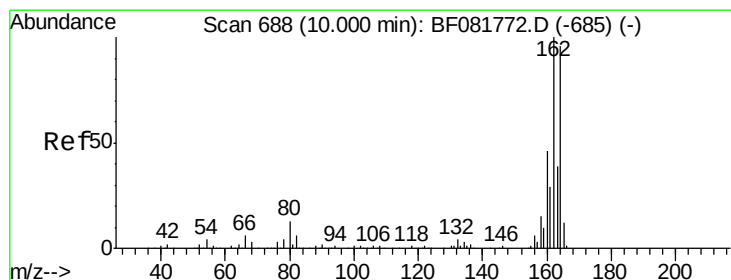
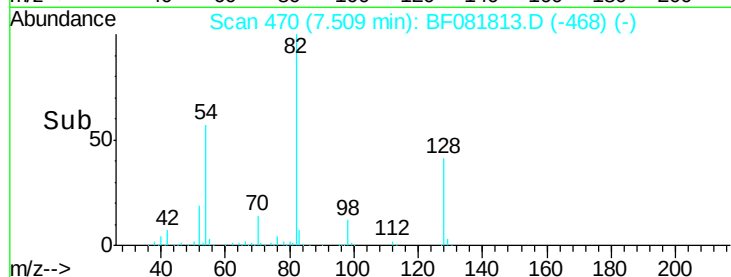
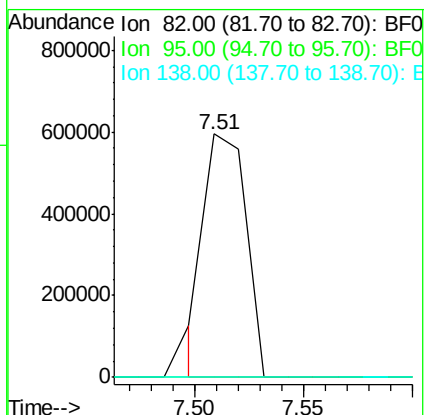
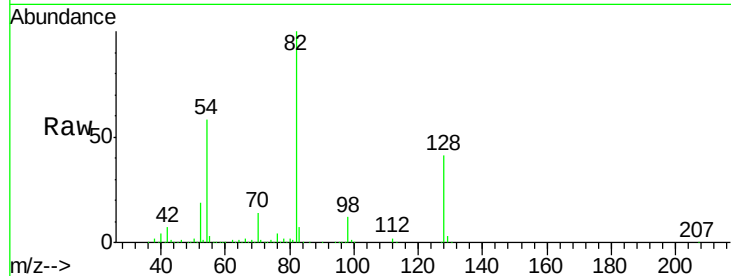
Tgt Ion: 82 Resp: 792683

Ion Ratio Lower Upper

82 100

95 0.1 4.0 6.0#

138 0.0 18.3 27.5#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.99 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF081813.D

Acq: 25 Sep 2015 20:26

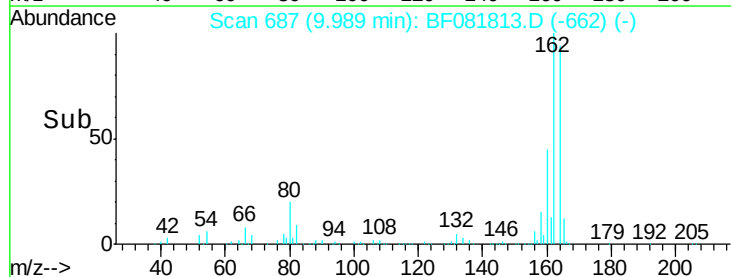
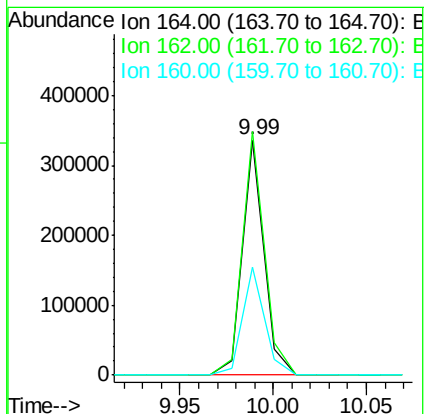
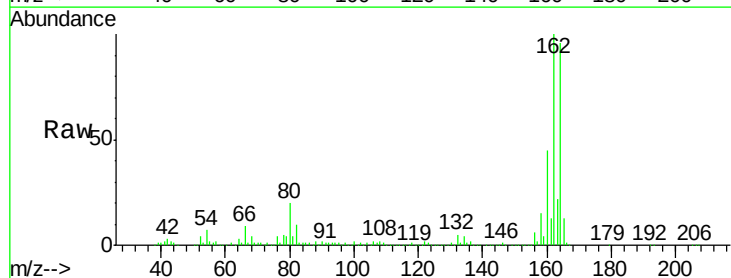
Tgt Ion: 164 Resp: 271789

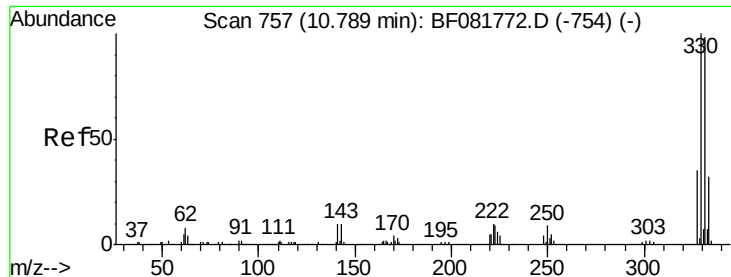
Ion Ratio Lower Upper

164 100

162 103.7 75.2 112.8

160 46.2 31.5 47.3

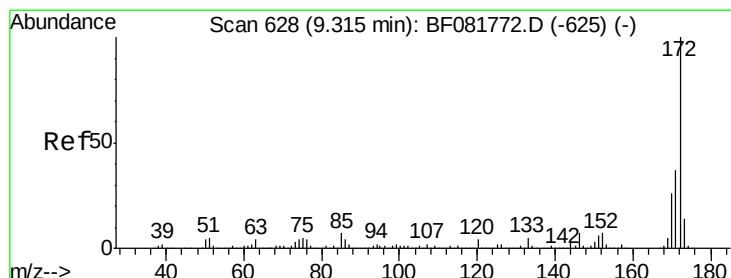
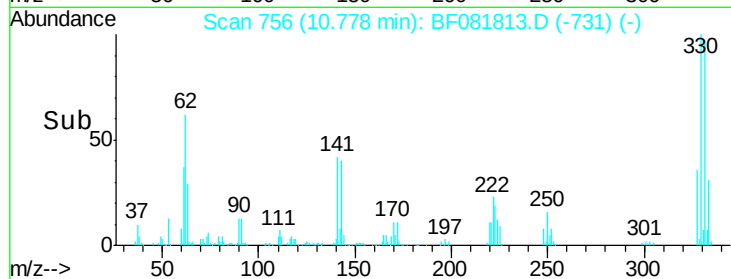
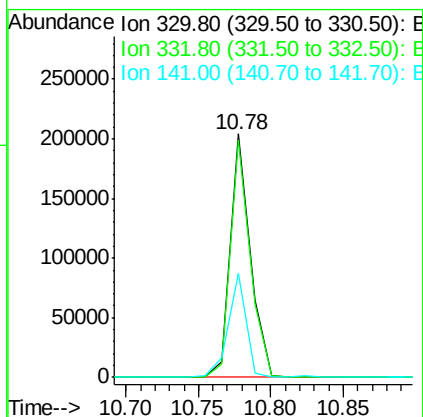
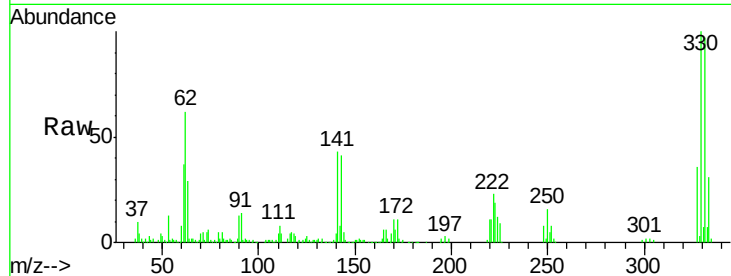




#41
 2,4,6-Tribromophenol
 Concen: 82.43 ng
 RT: 10.78 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF081813.D
 Acq: 25 Sep 2015 20:26

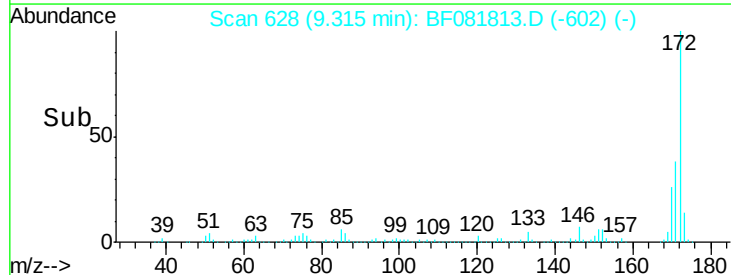
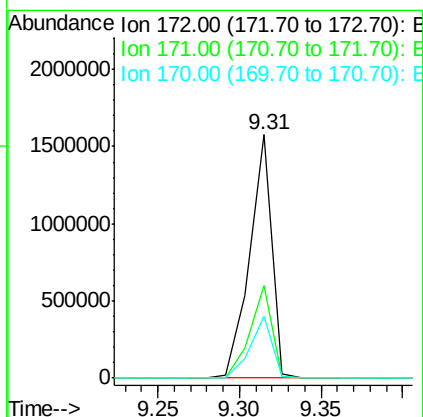
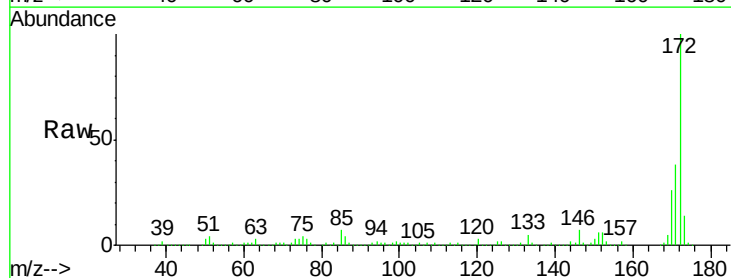
Instrument :
 BNA_F
 ClientSampled :
 TEC-6

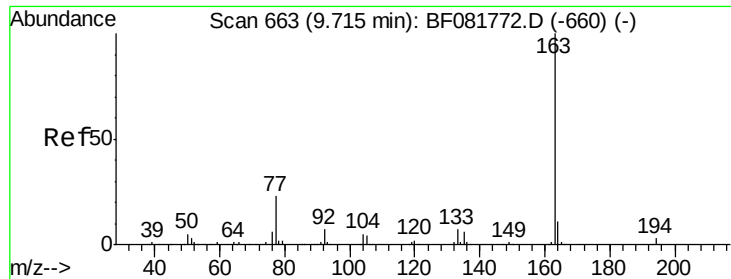
Tgt Ion:330 Resp: 194513
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 114.8
 141 37.6 29.7 44.5



#44
 2-Fluorobiphenyl
 Concen: 89.48 ng
 RT: 9.31 min Scan# 628
 Delta R.T. -0.00 min
 Lab File: BF081813.D
 Acq: 25 Sep 2015 20:26

Tgt Ion:172 Resp: 1481553
 Ion Ratio Lower Upper
 172 100
 171 37.9 26.1 39.1
 170 25.6 17.4 26.2

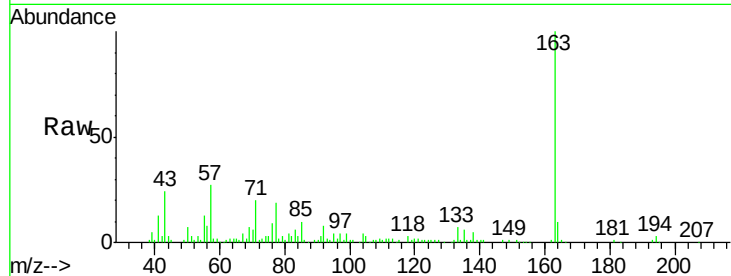




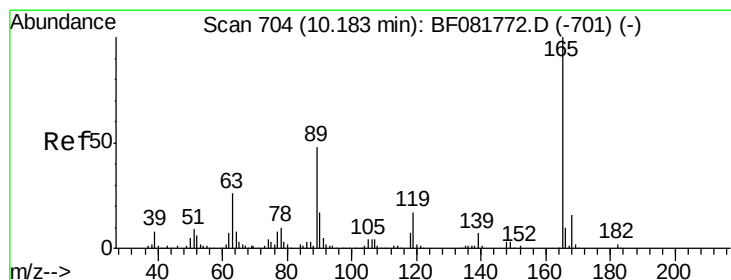
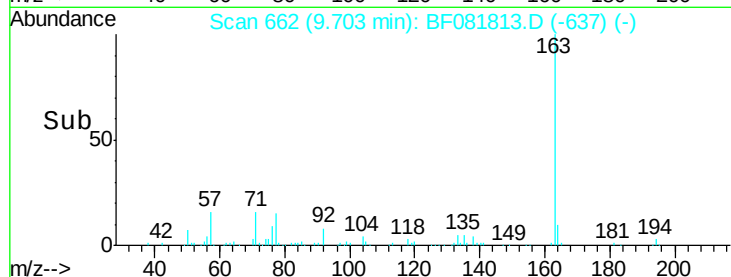
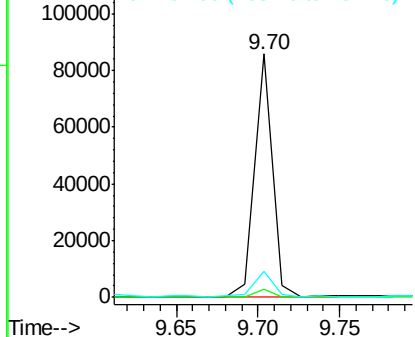
#49
Dimethylphthalate
Concen: 3.19 ng
RT: 9.70 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF081813.D
Acq: 25 Sep 2015 20:26

Instrument :
BNA_F
ClientSampleId :
TEC-6

Tgt Ion:163 Resp: 66032
Ion Ratio Lower Upper
163 100
194 3.4 4.4 6.6#
164 10.5 8.3 12.5

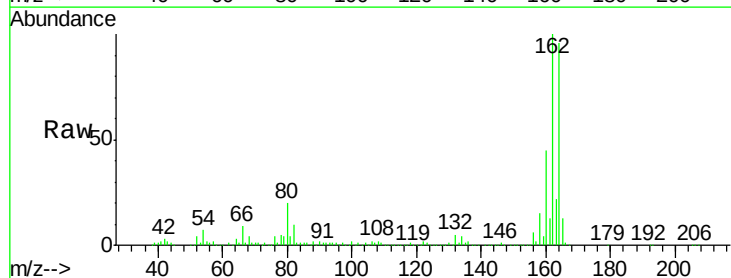


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

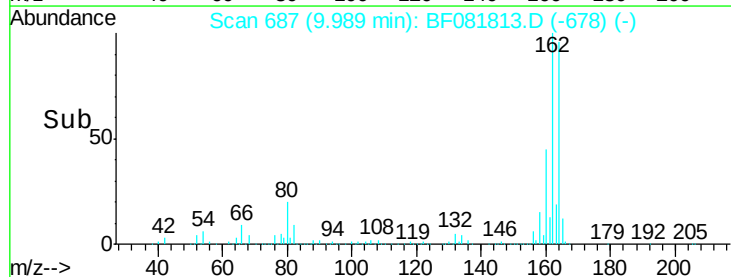
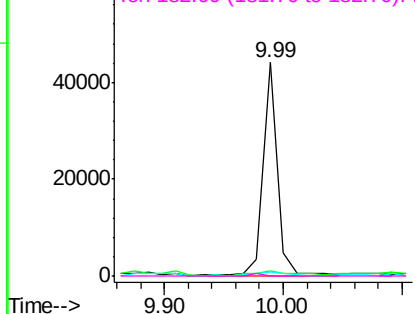


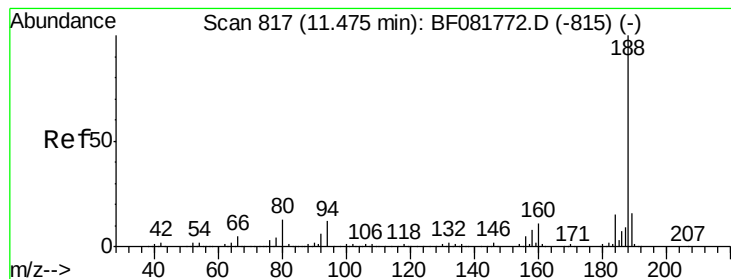
#56
2,4-Dinitrotoluene
Concen: 7.98 ng
RT: 9.99 min Scan# 687
Delta R.T. -0.19 min
Lab File: BF081813.D
Acq: 25 Sep 2015 20:26

Tgt Ion:165 Resp: 38131
Ion Ratio Lower Upper
165 100
63 2.3 29.8 44.6#
89 1.7 44.5 66.7#
182 0.0 3.0 4.4#



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
Ion 182.00 (181.70 to 182.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.47 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF081813.D

Acq: 25 Sep 2015 20:26

Instrument :

BNA_F

ClientSampleId :

TEC-6

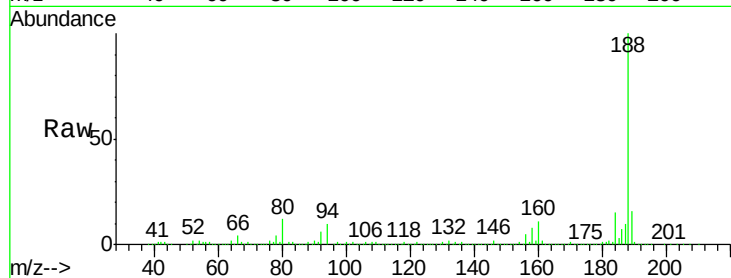
Tgt Ion:188 Resp: 453847

Ion Ratio Lower Upper

188 100

94 10.5 11.1 16.7#

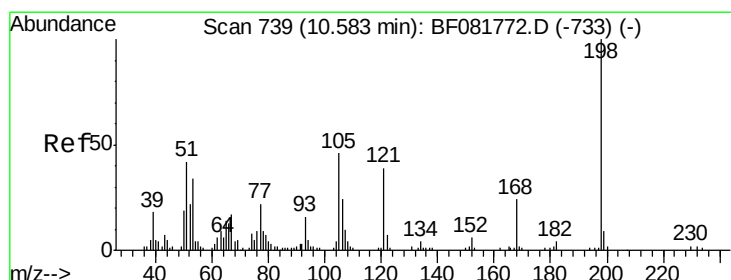
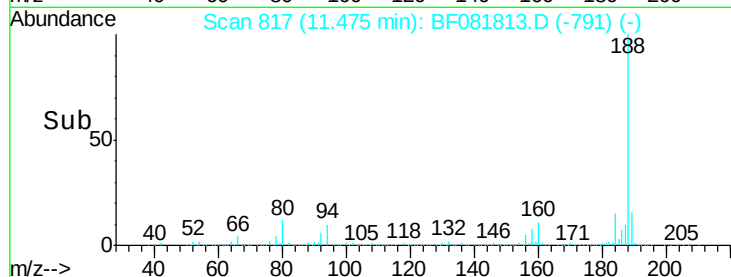
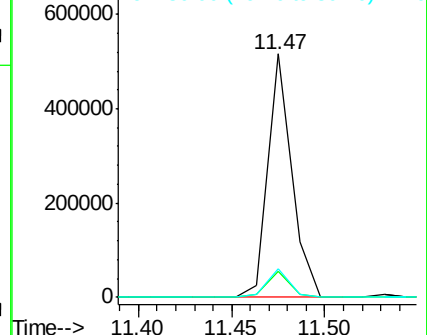
80 11.6 11.0 16.4



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



#64

4,6-Dinitro-2-methylphenol

Concen: 9.55 ng

RT: 10.70 min Scan# 749

Delta R.T. 0.11 min

Lab File: BF081813.D

Acq: 25 Sep 2015 20:26

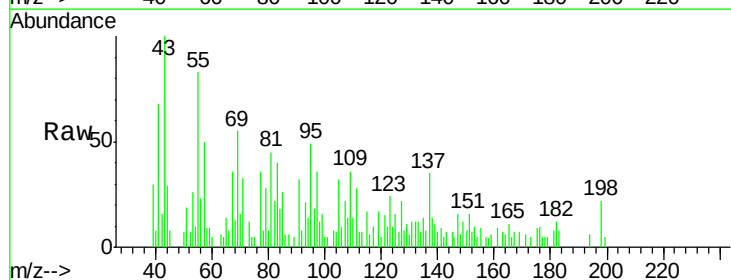
Tgt Ion:198 Resp: 1390

Ion Ratio Lower Upper

198 100

51 88.9 39.6 79.6#

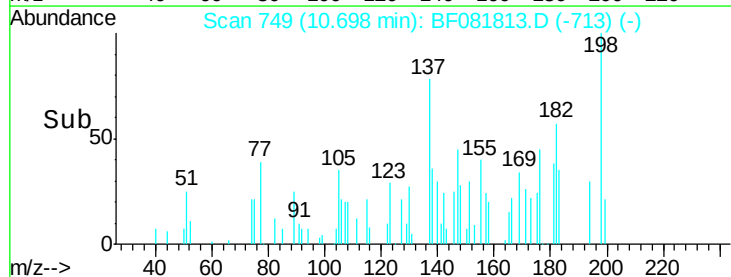
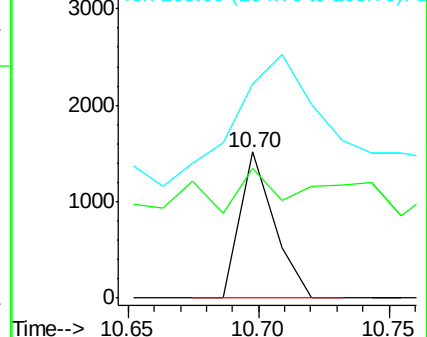
105 147.1 28.5 68.5#

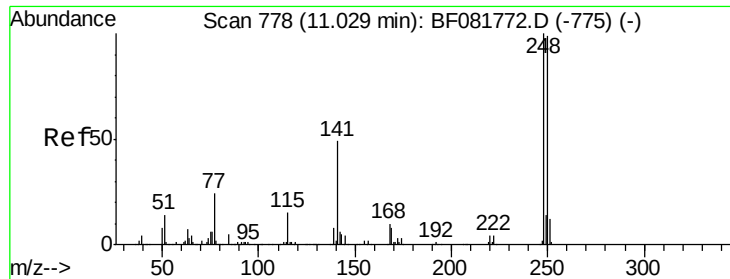


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#66

4-Bromophenyl-phenylether

Concen: 2.68 ng

RT: 10.78 min Scan# 756

Delta R.T. -0.25 min

Lab File: BF081813.D

Acq: 25 Sep 2015 20:26

Instrument :

BNA_F

ClientSampleId :

TEC-6

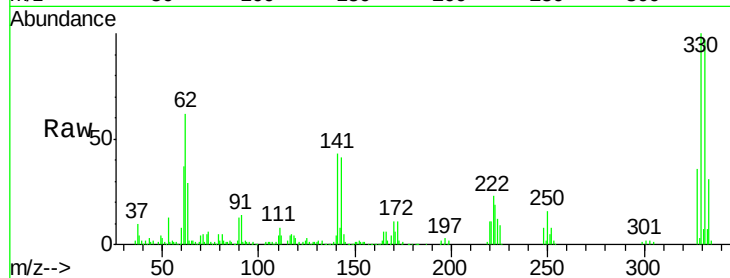
Tgt Ion:248 Resp: 13556

Ion Ratio Lower Upper

248 100

250 201.5 78.5 117.7#

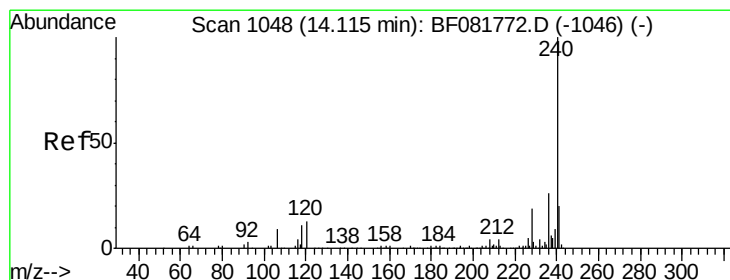
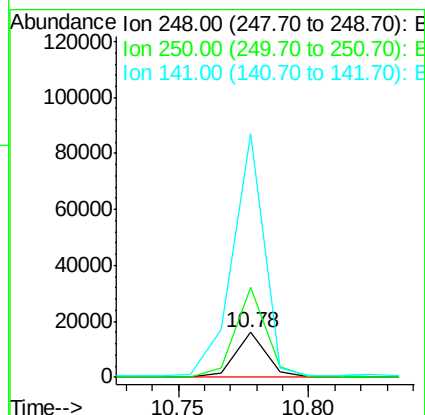
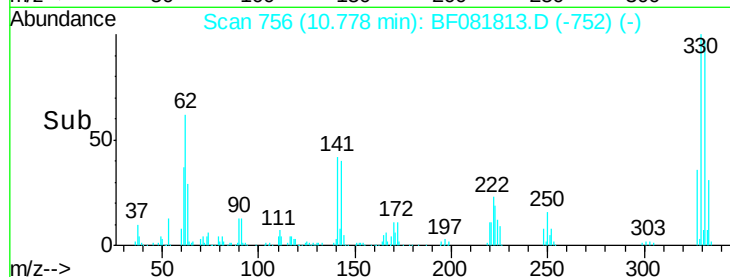
141 544.0 59.0 88.6#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.12 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF081813.D

Acq: 25 Sep 2015 20:26

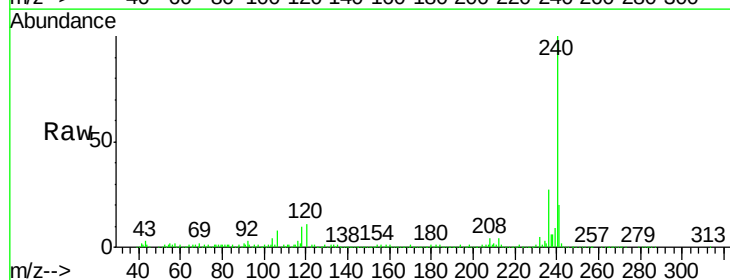
Tgt Ion:240 Resp: 356080

Ion Ratio Lower Upper

240 100

120 11.1 16.2 24.2#

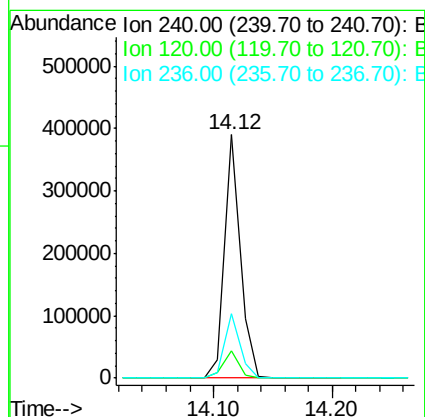
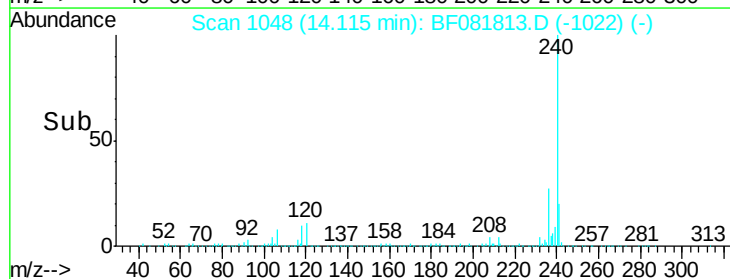
236 26.6 18.4 27.6

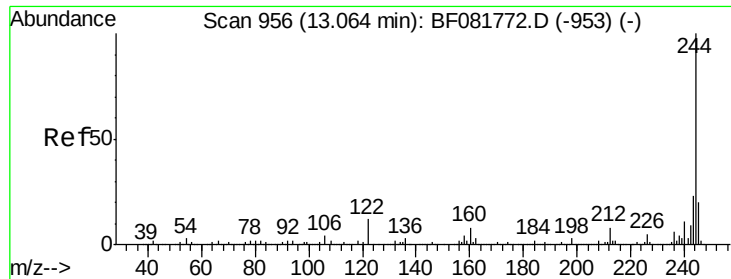


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

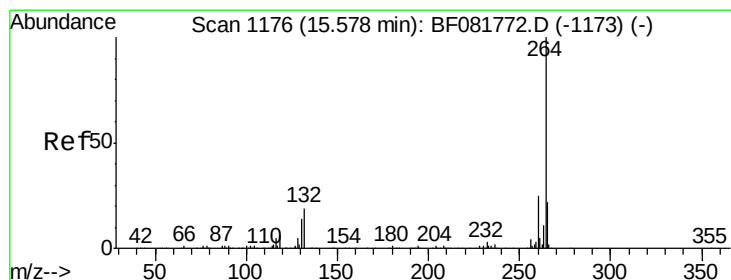
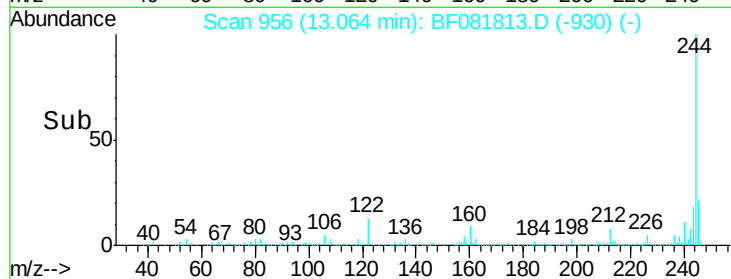
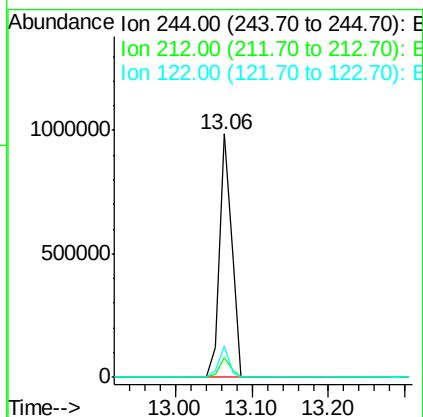
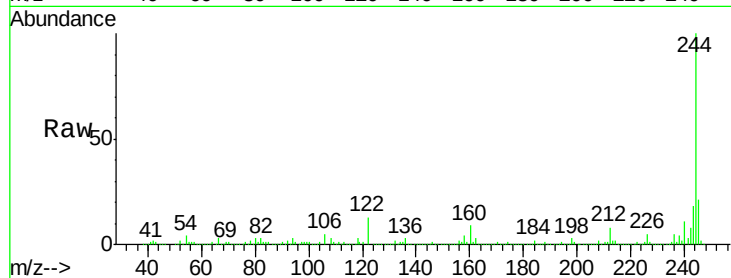




#78
 Terphenyl-d14
 Concen: 70.07 ng
 RT: 13.06 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: BF081813.D
 Acq: 25 Sep 2015 20:26

Instrument :
 BNA_F
 ClientSampled :
 TEC-6

Tgt Ion:244 Resp: 1092249
 Ion Ratio Lower Upper
 244 100
 212 8.1 4.3 6.5#
 122 13.0 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.59 min Scan# 1177
 Delta R.T. 0.01 min
 Lab File: BF081813.D
 Acq: 25 Sep 2015 20:26

Tgt Ion:264 Resp: 353125
 Ion Ratio Lower Upper
 264 100
 260 24.7 16.7 25.1
 265 22.0 17.2 25.8

