

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062415\
 Data File : BF080140.D
 Acq On : 24 Jun 2015 19:23
 Operator : TP/IZ
 Sample : G2750-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-5

Quant Time: Jun 25 01:00:33 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 25 00:52:28 2015
 Response via : Initial Calibration

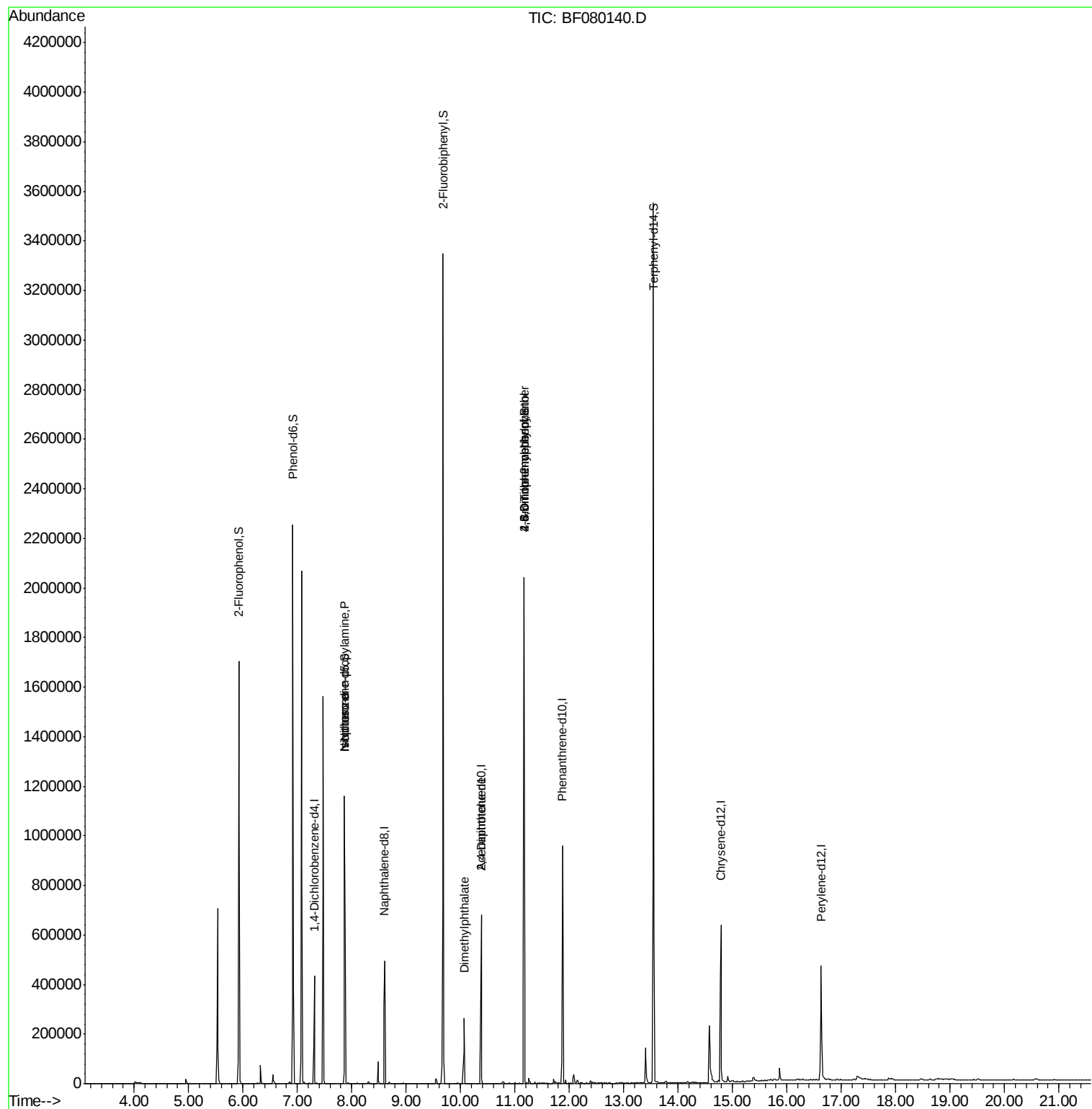
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	70504	20.00	ng	0.00
21) Naphthalene-d8	8.61	136	274996	20.00	ng	0.00
38) Acenaphthene-d10	10.38	164	148962	20.00	ng	0.00
63) Phenanthrene-d10	11.88	188	321510	20.00	ng	-0.01
75) Chrysene-d12	14.79	240	309853	20.00	ng	-0.14
86) Perylene-d12	16.63	264	271269	20.00	ng	-0.21
System Monitoring Compounds						
5) 2-Fluorophenol	5.92	112	585033	146.89	ng	0.00
7) Phenol-d6	6.92	99	728373	137.43	ng	0.00
23) Nitrobenzene-d5	7.86	82	442367	93.65	ng	-0.01
41) 2,4,6-Tribromophenol	11.17	330	219845	150.93	ng	0.00
44) 2-Fluorobiphenyl	9.68	172	956713	91.59	ng	0.00
78) Terphenyl-d14	13.55	244	1186300	89.42	ng	-0.07
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.86	70	56426	15.33	ng	# 61
25) Isophorone	7.86	82	432058	45.45	ng	# 58
49) Dimethylphthalate	10.07	163	131688	11.76	ng	# 97
56) 2,4-Dinitrotoluene	10.38	165	19009	6.67	ng	# 33
64) 4,6-Dinitro-2-methylphenol	11.17	198	527	3.88	ng	# 1
66) 4-Bromophenyl-phenylether	11.17	248	16438	4.81	ng	# 1

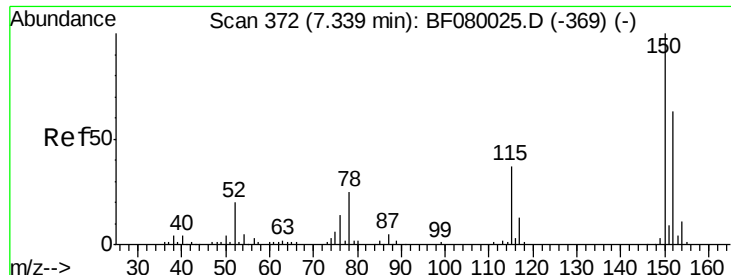
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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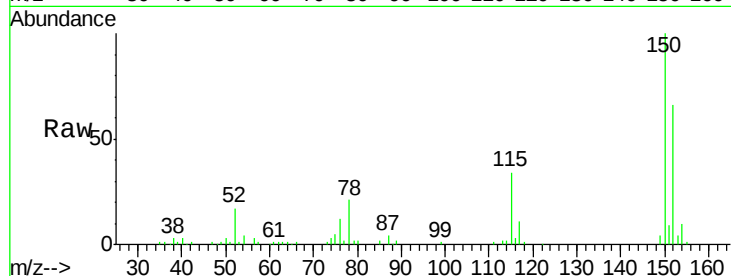


#1

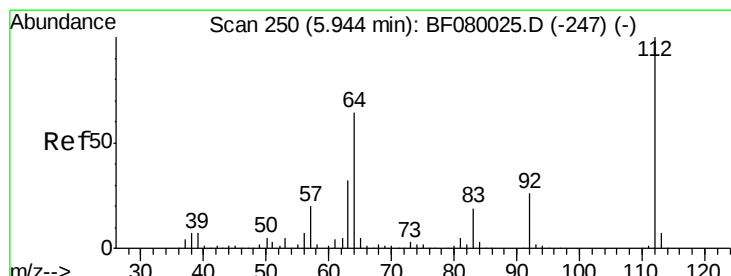
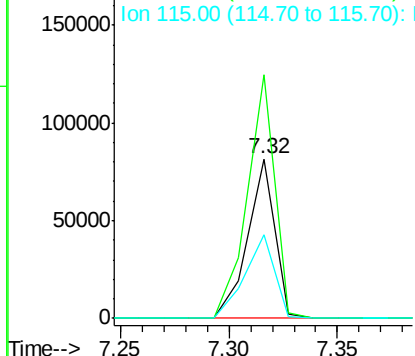
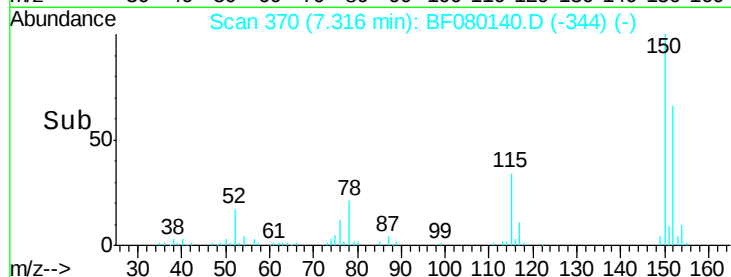
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.32 min Scan# 370
Delta R.T. 0.00 min
Lab File: BF080140.D
Acq: 24 Jun 2015 19:23

Instrument :
BNA_F
ClientSampleId :
SS-5

Tgt Ion:152 Resp: 70504
Ion Ratio Lower Upper
152 100
150 152.4 124.7 187.1
115 52.3 39.0 58.4



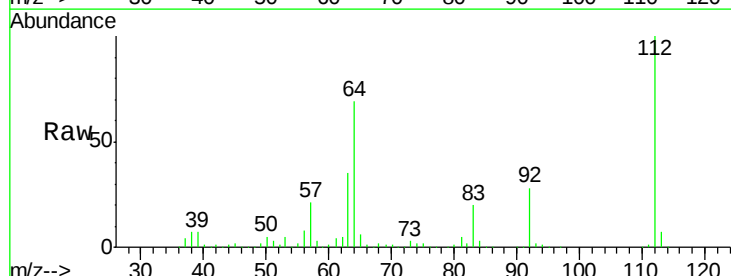
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



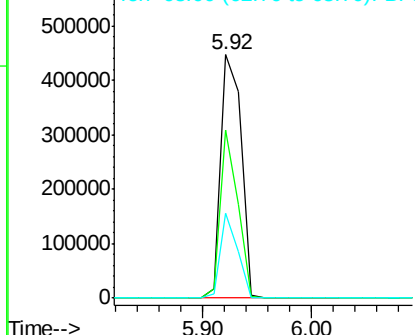
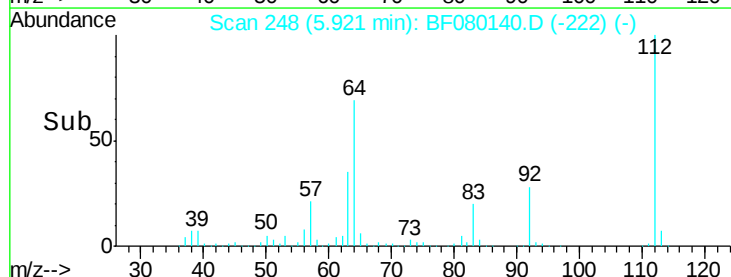
#5

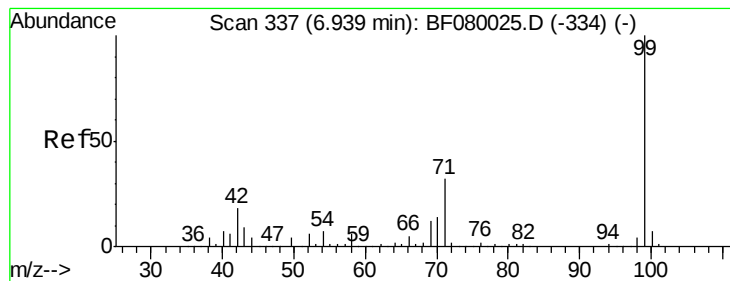
2-Fluorophenol
Concen: 146.89 ng
RT: 5.92 min Scan# 248
Delta R.T. 0.00 min
Lab File: BF080140.D
Acq: 24 Jun 2015 19:23

Tgt Ion:112 Resp: 585033
Ion Ratio Lower Upper
112 100
64 69.0 39.7 59.5#
63 34.9 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: 137.43 ng

RT: 6.92 min Scan# 335

Delta R.T. 0.00 min

Lab File: BF080140.D

Acq: 24 Jun 2015 19:23

Instrument :

BNA_F

ClientSampleId :

SS-5

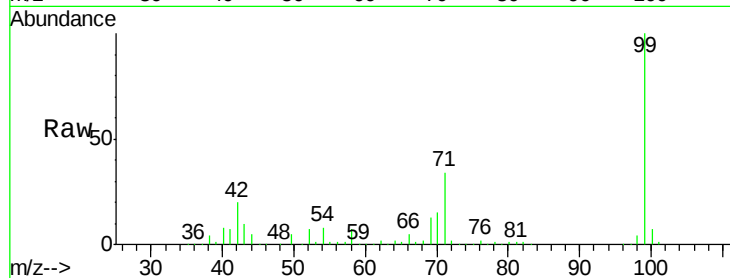
Tgt Ion: 99 Resp: 728373

Ion Ratio Lower Upper

99 100

42 19.7 13.7 20.5

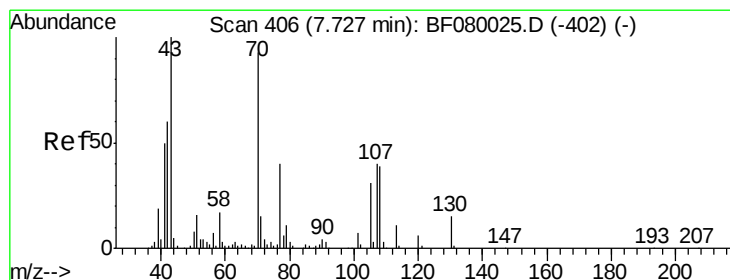
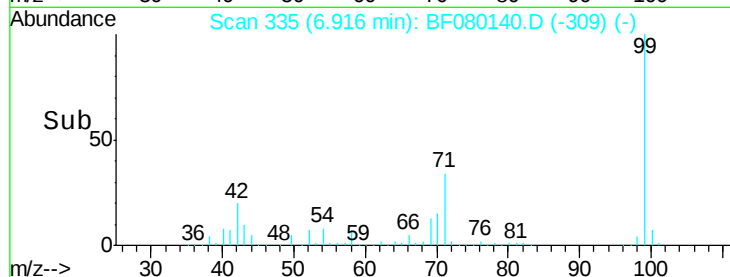
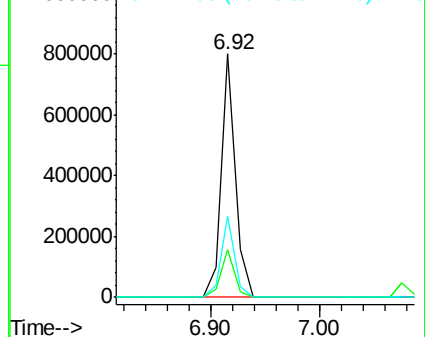
71 33.5 14.2 21.2#



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: 15.33 ng

RT: 7.86 min Scan# 418

Delta R.T. 0.16 min

Lab File: BF080140.D

Acq: 24 Jun 2015 19:23

Tgt Ion: 70 Resp: 56426

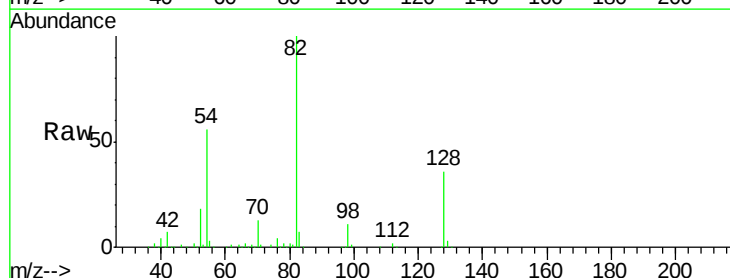
Ion Ratio Lower Upper

70 100

42 51.0 63.8 95.6#

101 0.0 9.2 13.8#

130 1.9 27.3 40.9#

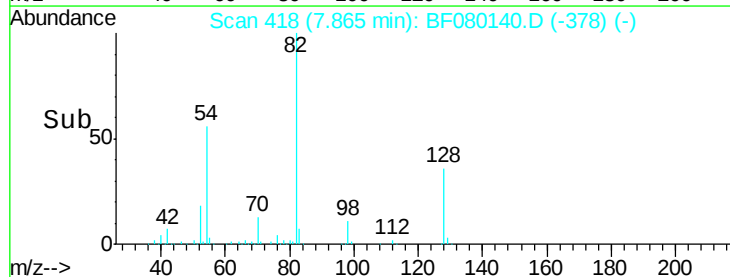
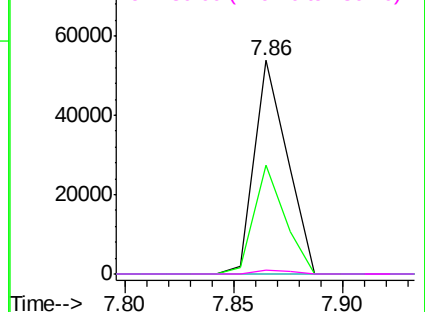


Abundance Ion 70.00 (69.70 to 70.70): BF0

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

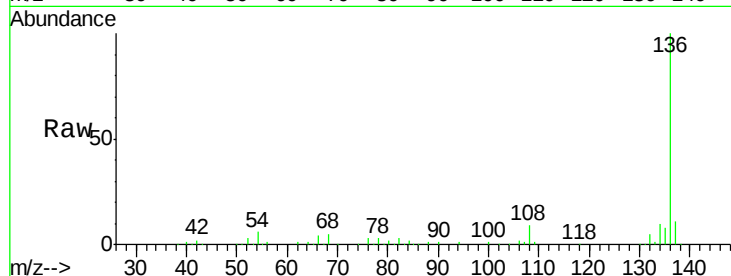




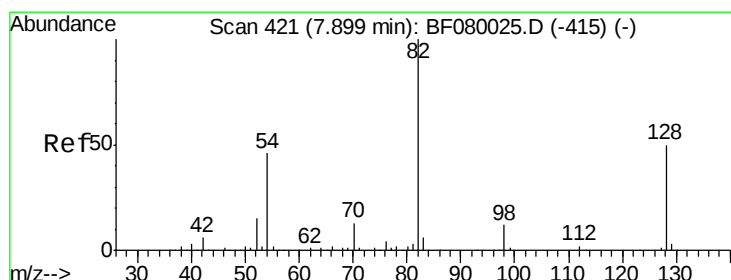
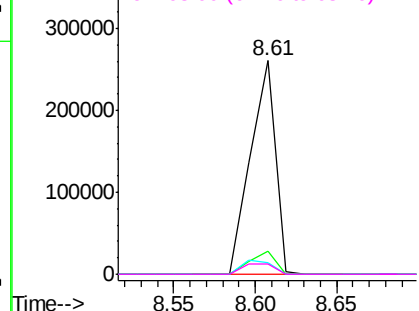
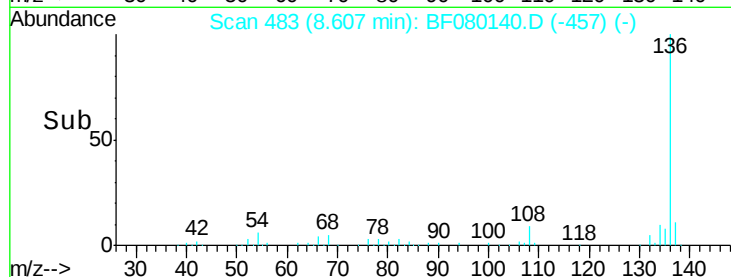
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.61 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF080140.D
Acq: 24 Jun 2015 19:23

Instrument :
BNA_F
ClientSampleId :
SS-5

Tgt Ion:	136	Resp:	274996
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	5.7	8.2	12.2#
68	4.8	5.8	8.6#

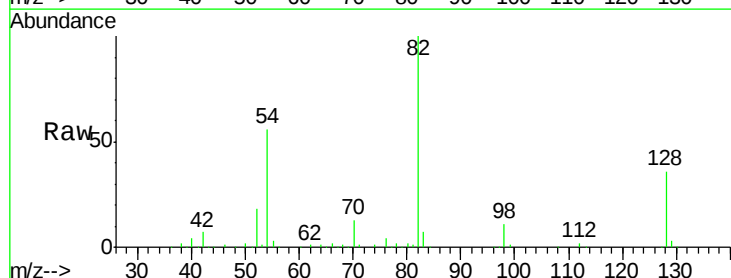


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

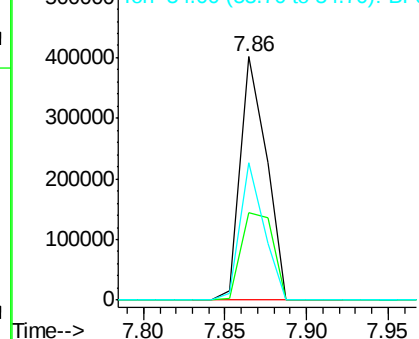
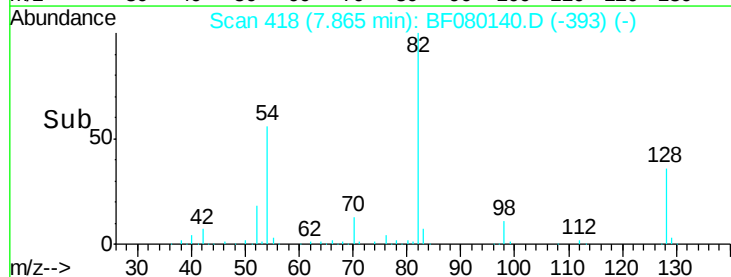


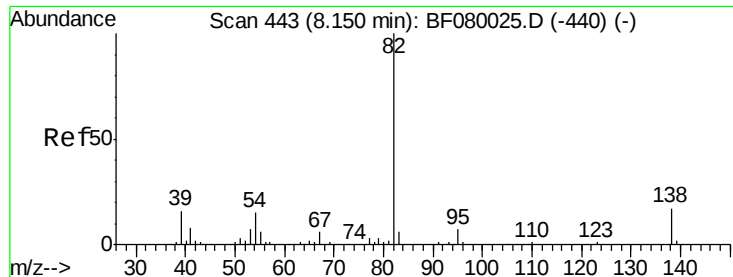
#23
Nitrobenzene-d5
Concen: 93.65 ng
RT: 7.86 min Scan# 418
Delta R.T. -0.01 min
Lab File: BF080140.D
Acq: 24 Jun 2015 19:23

Tgt Ion:	82	Resp:	442367
Ion	Ratio	Lower	Upper
82	100		
128	36.1	51.0	76.6#
54	56.2	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: 45.45 ng

RT: 7.86 min Scan# 418

Delta R.T. -0.26 min

Lab File: BF080140.D

Acq: 24 Jun 2015 19:23

Instrument :

BNA_F

ClientSampled :

SS-5

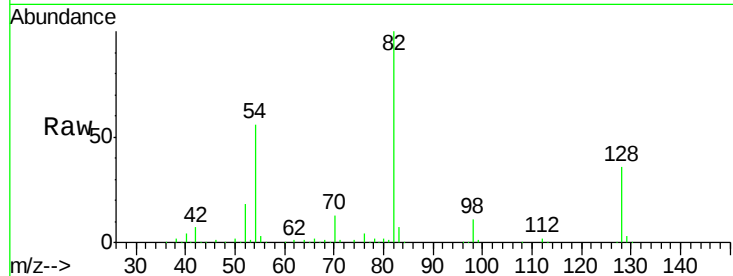
Tgt Ion: 82 Resp: 432058

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

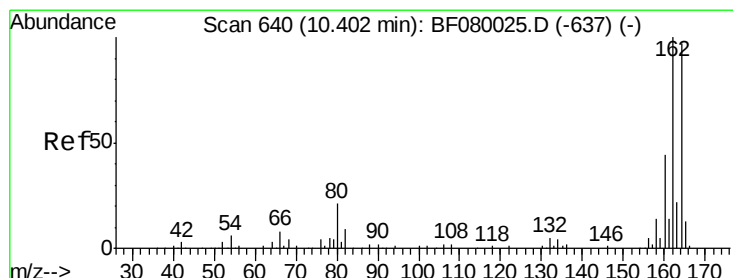
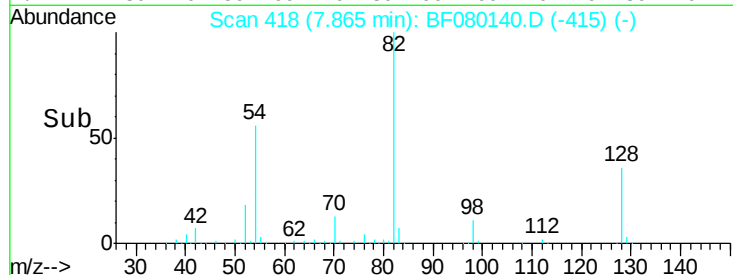
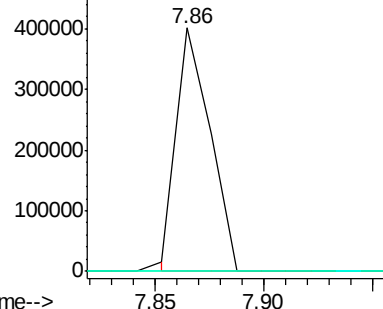
138 0.0 18.3 27.5#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.38 min Scan# 638

Delta R.T. 0.00 min

Lab File: BF080140.D

Acq: 24 Jun 2015 19:23

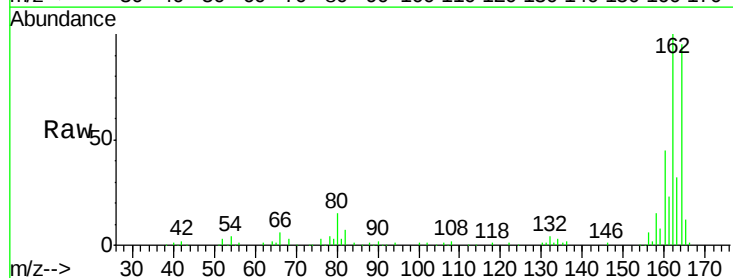
Tgt Ion: 164 Resp: 148962

Ion Ratio Lower Upper

164 100

162 105.3 75.2 112.8

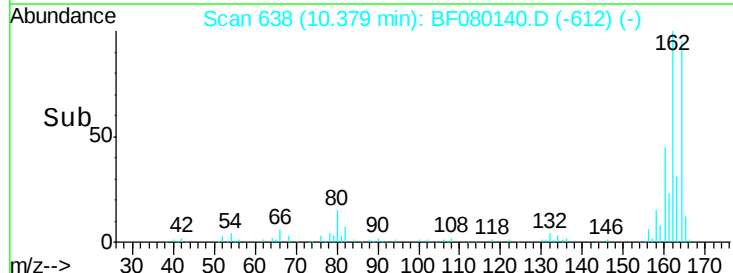
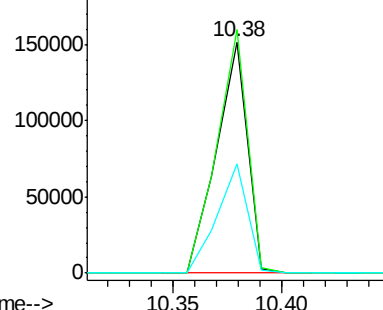
160 47.5 31.5 47.3#

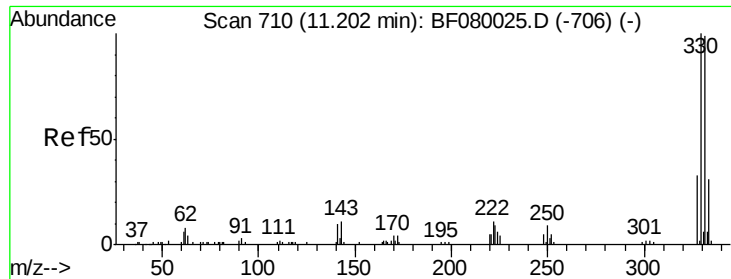


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

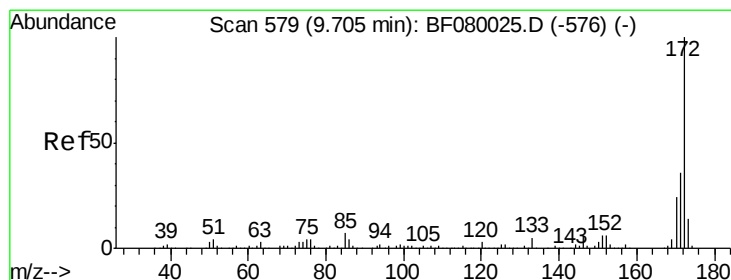
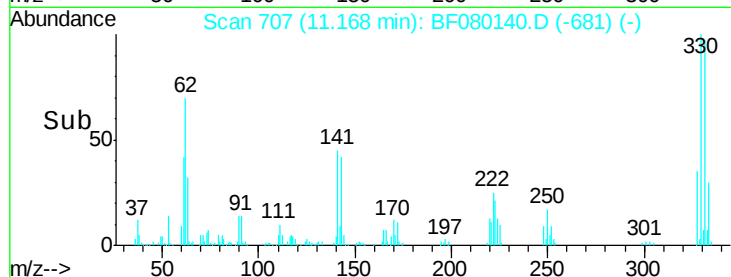
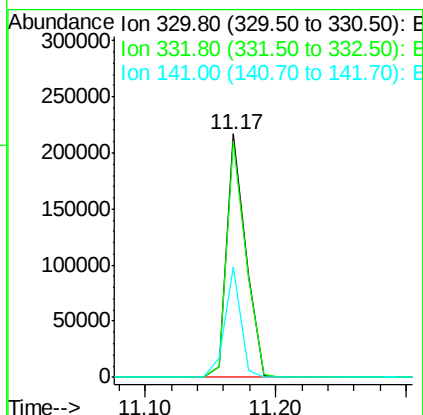
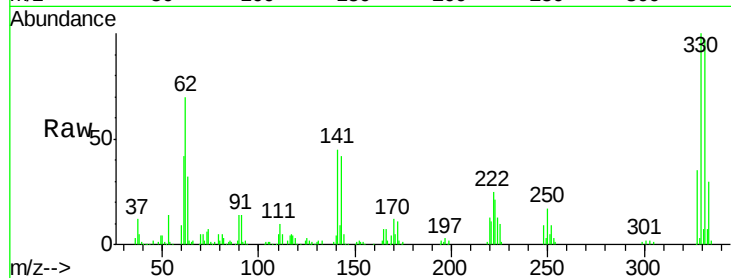




#41
 2,4,6-Tribromophenol
 Concen: 150.93 ng
 RT: 11.17 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BF080140.D
 Acq: 24 Jun 2015 19:23

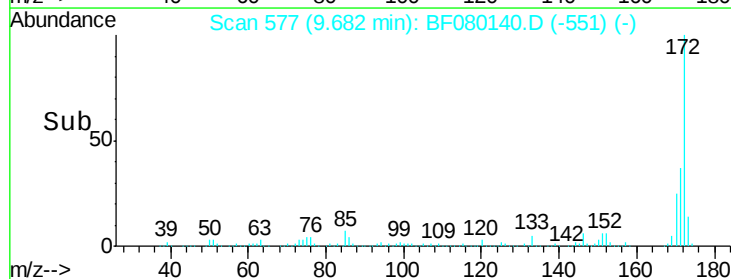
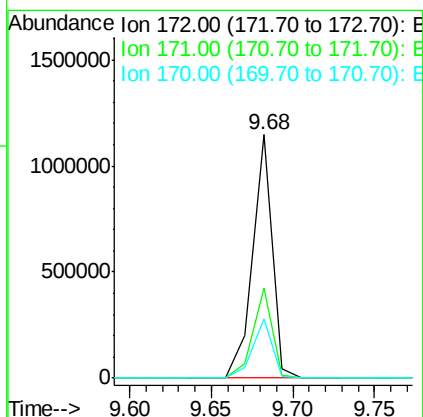
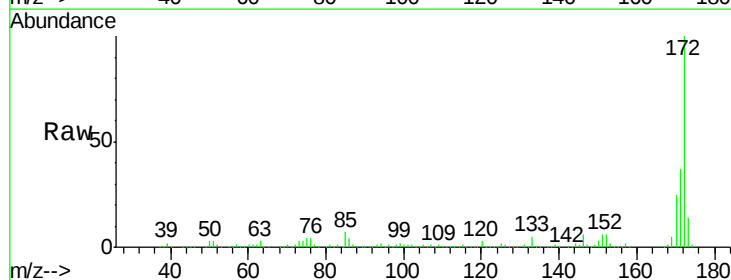
Instrument :
 BNA_F
 ClientSampleId :
 SS-5

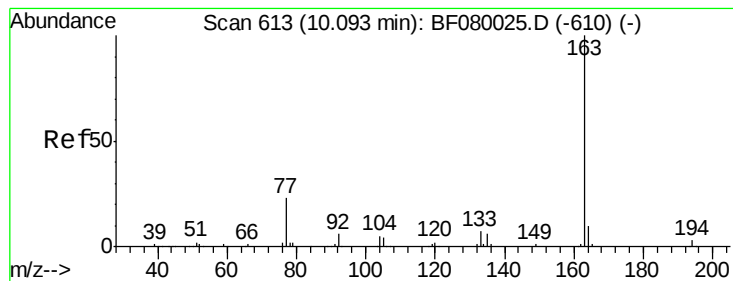
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.6	114.8
141	38.3	29.7	44.5



#44
 2-Fluorobiphenyl
 Concen: 91.59 ng
 RT: 9.68 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: BF080140.D
 Acq: 24 Jun 2015 19:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	26.1	39.1
170	24.5	17.4	26.2





#49

Dimethylphthalate

Concen: 11.76 ng

RT: 10.07 min Scan# 611

Delta R.T. 0.00 min

Lab File: BF080140.D

Acq: 24 Jun 2015 19:23

Instrument :

BNA_F

ClientSampleId :

SS-5

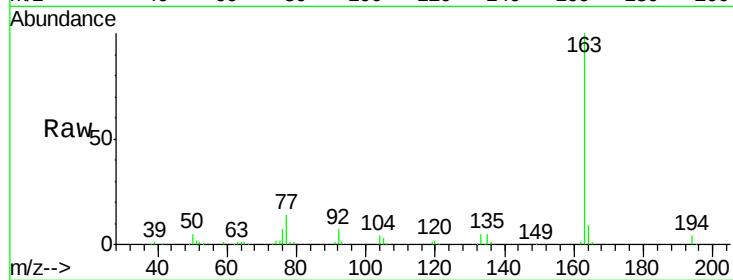
Tgt Ion:163 Resp: 131688

Ion Ratio Lower Upper

163 100

194 3.8 4.4 6.6#

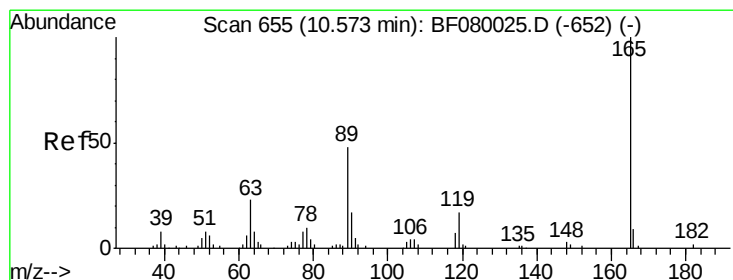
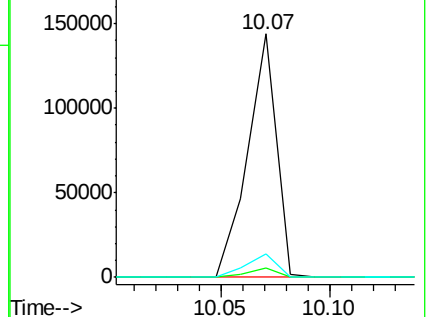
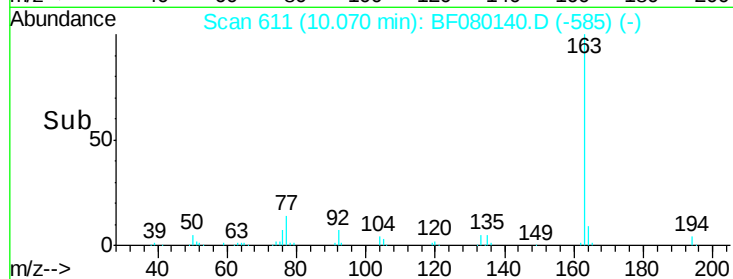
164 9.4 8.3 12.5



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: 6.67 ng

RT: 10.38 min Scan# 638

Delta R.T. -0.17 min

Lab File: BF080140.D

Acq: 24 Jun 2015 19:23

Tgt Ion:165 Resp: 19009

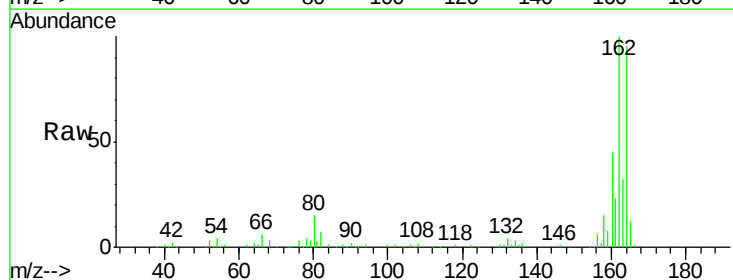
Ion Ratio Lower Upper

165 100

63 0.0 29.8 44.6#

89 1.7 44.5 66.7#

182 0.0 3.0 4.4#

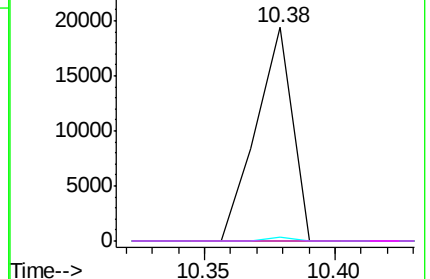
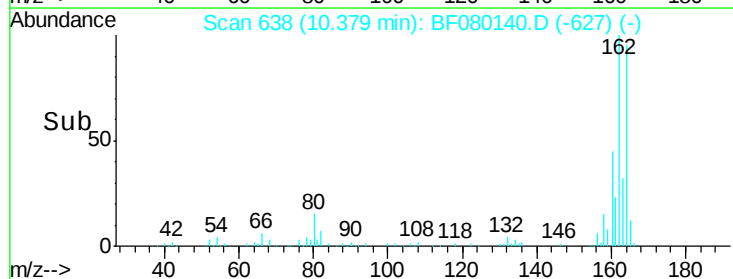


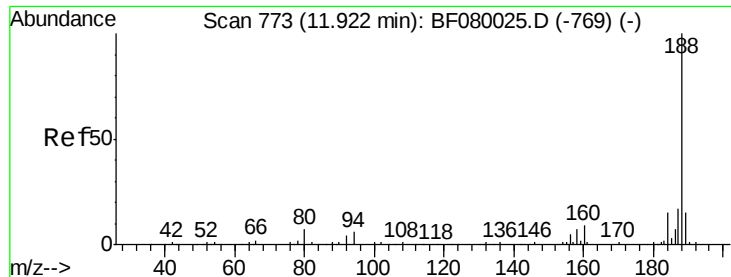
Abundance Ion 165.00 (164.70 to 165.70): E

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

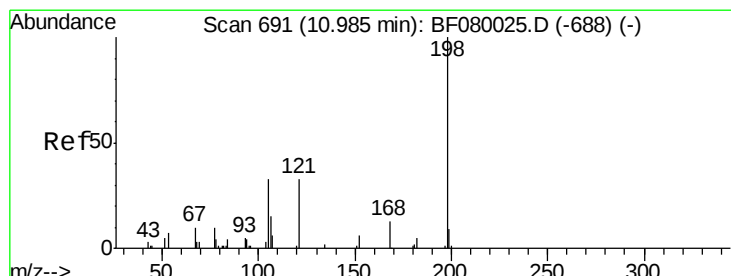
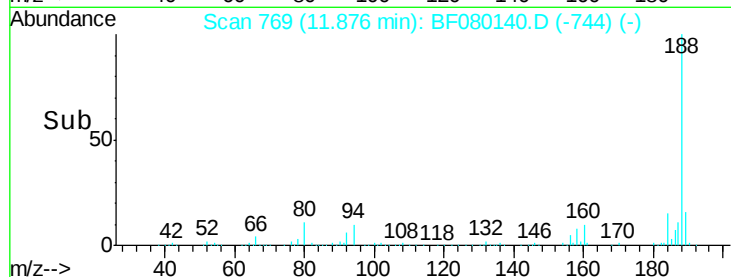
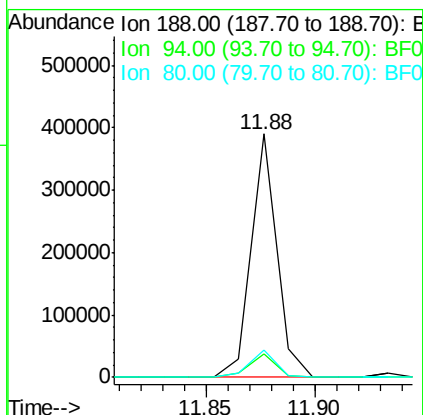
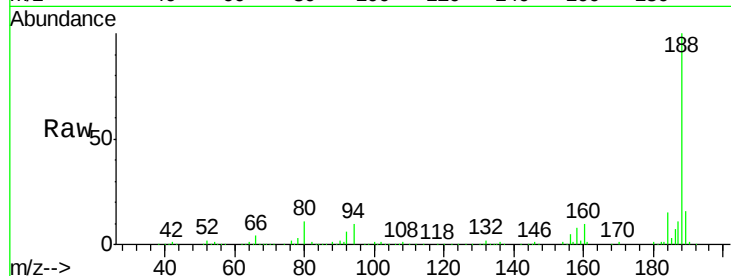




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.88 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BF080140.D
 Acq: 24 Jun 2015 19:23

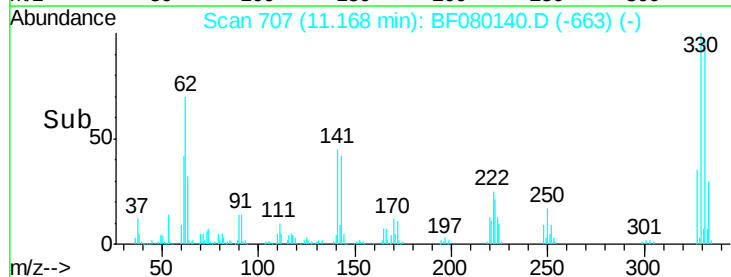
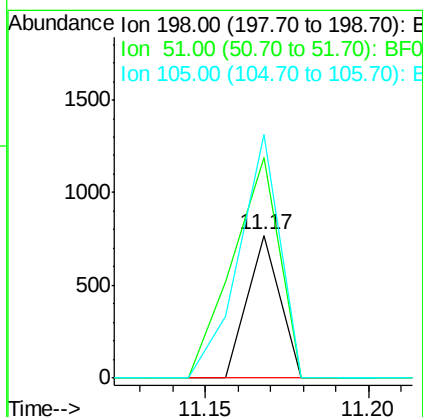
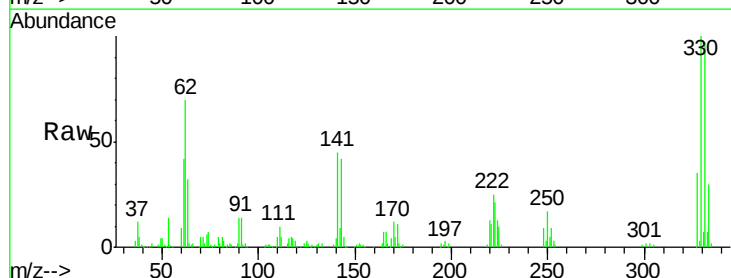
Instrument :
 BNA_F
 ClientSampled :
 SS-5

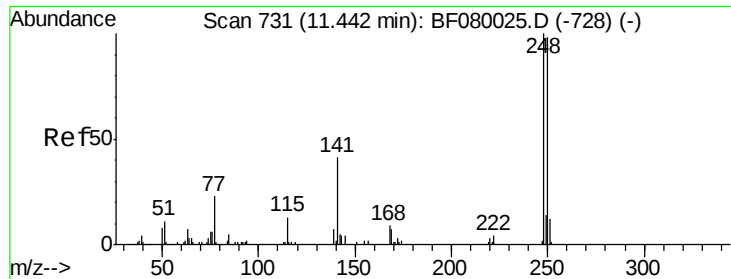
Tgt Ion:188 Resp: 321510
 Ion Ratio Lower Upper
 188 100
 94 9.7 11.1 16.7#
 80 11.1 11.0 16.4



#64
 4,6-Dinitro-2-methylphenol
 Concen: 3.88 ng
 RT: 11.17 min Scan# 707
 Delta R.T. 0.21 min
 Lab File: BF080140.D
 Acq: 24 Jun 2015 19:23

Tgt Ion:198 Resp: 527
 Ion Ratio Lower Upper
 198 100
 51 154.4 39.6 79.6#
 105 170.7 28.5 68.5#

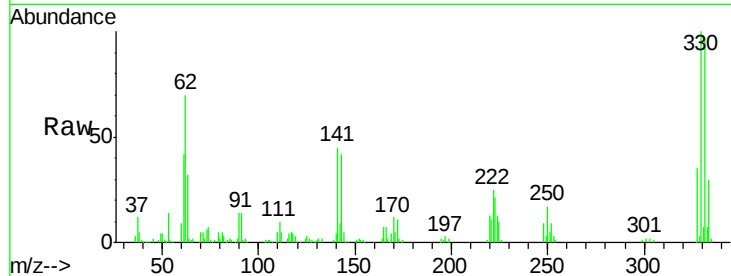




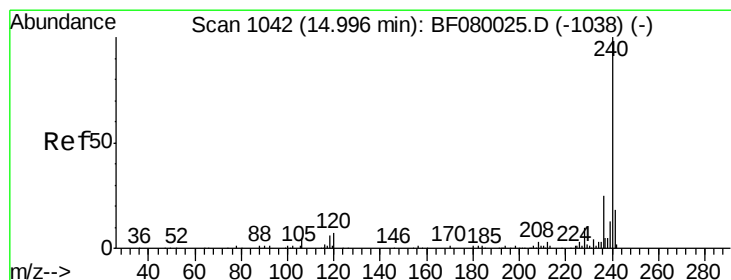
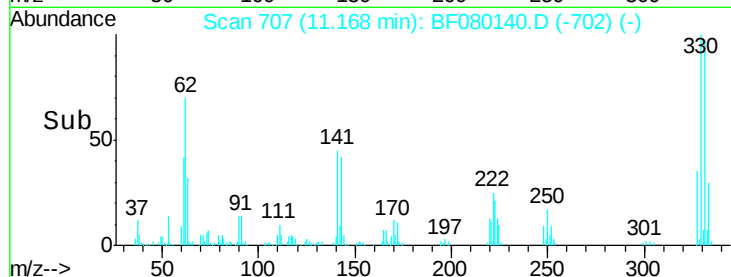
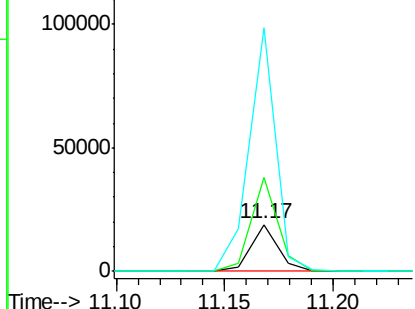
#66
4-Bromophenyl-phenylether
Concen: 4.81 ng
RT: 11.17 min Scan# 707
Delta R.T. -0.24 min
Lab File: BF080140.D
Acq: 24 Jun 2015 19:23

Instrument :
BNA_F
ClientSampled :
SS-5

Tgt Ion:248 Resp: 16438
Ion Ratio Lower Upper
248 100
250 200.3 78.5 117.7#
141 522.4 59.0 88.6#

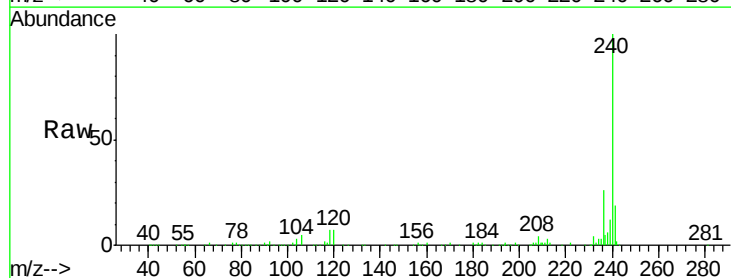


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

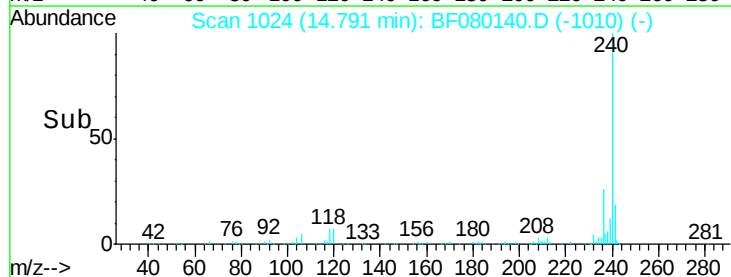
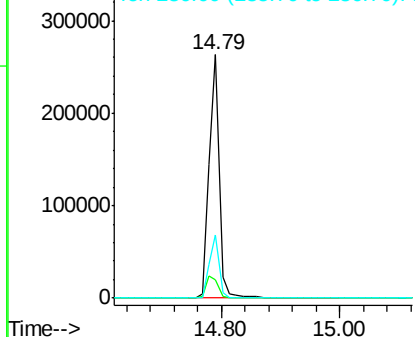


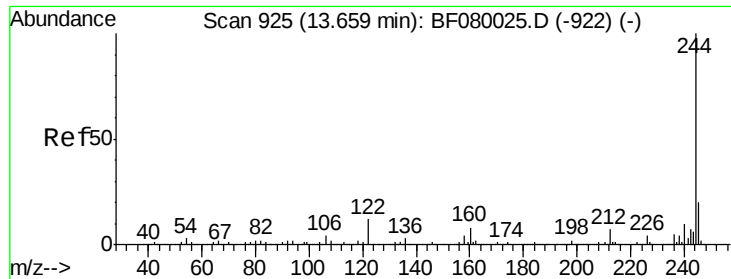
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.79 min Scan# 1024
Delta R.T. -0.14 min
Lab File: BF080140.D
Acq: 24 Jun 2015 19:23

Tgt Ion:240 Resp: 309853
Ion Ratio Lower Upper
240 100
120 7.4 16.2 24.2#
236 25.9 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

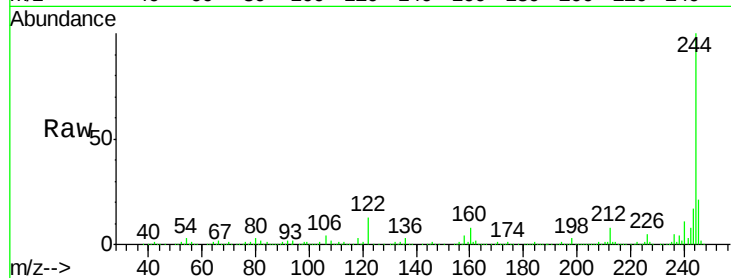




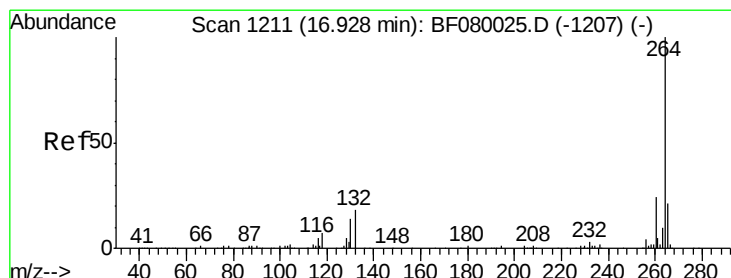
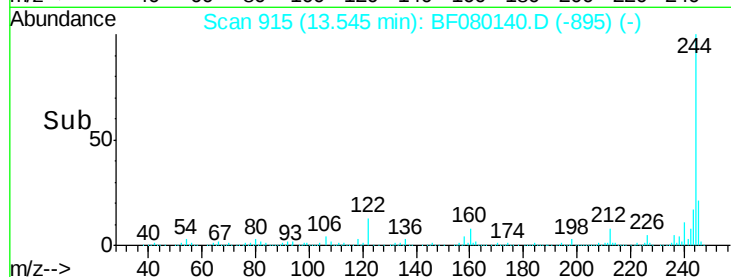
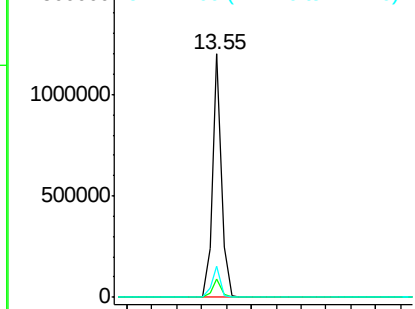
#78
 Terphenyl-d14
 Concen: 89.42 ng
 RT: 13.55 min Scan# 915
 Delta R.T. -0.07 min
 Lab File: BF080140.D
 Acq: 24 Jun 2015 19:23

Instrument :
 BNA_F
 ClientSampleId :
 SS-5

Tgt Ion:244 Resp: 1186300
 Ion Ratio Lower Upper
 244 100
 212 7.6 4.3 6.5#
 122 12.6 17.4 26.2#

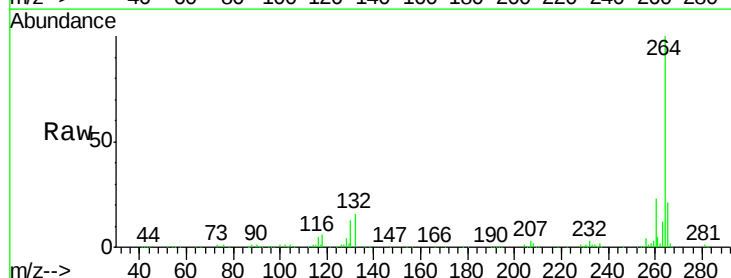


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.63 min Scan# 1185
 Delta R.T. -0.21 min
 Lab File: BF080140.D
 Acq: 24 Jun 2015 19:23

Tgt Ion:264 Resp: 271269
 Ion Ratio Lower Upper
 264 100
 260 23.3 16.7 25.1
 265 21.0 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

