

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071315\
 Data File : BF080431.D
 Acq On : 13 Jul 2015 17:37
 Operator : TP/UM
 Sample : G2945-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TE-MW-2-15

Quant Time: Jul 14 00:59:25 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 14 00:52:37 2015
 Response via : Initial Calibration

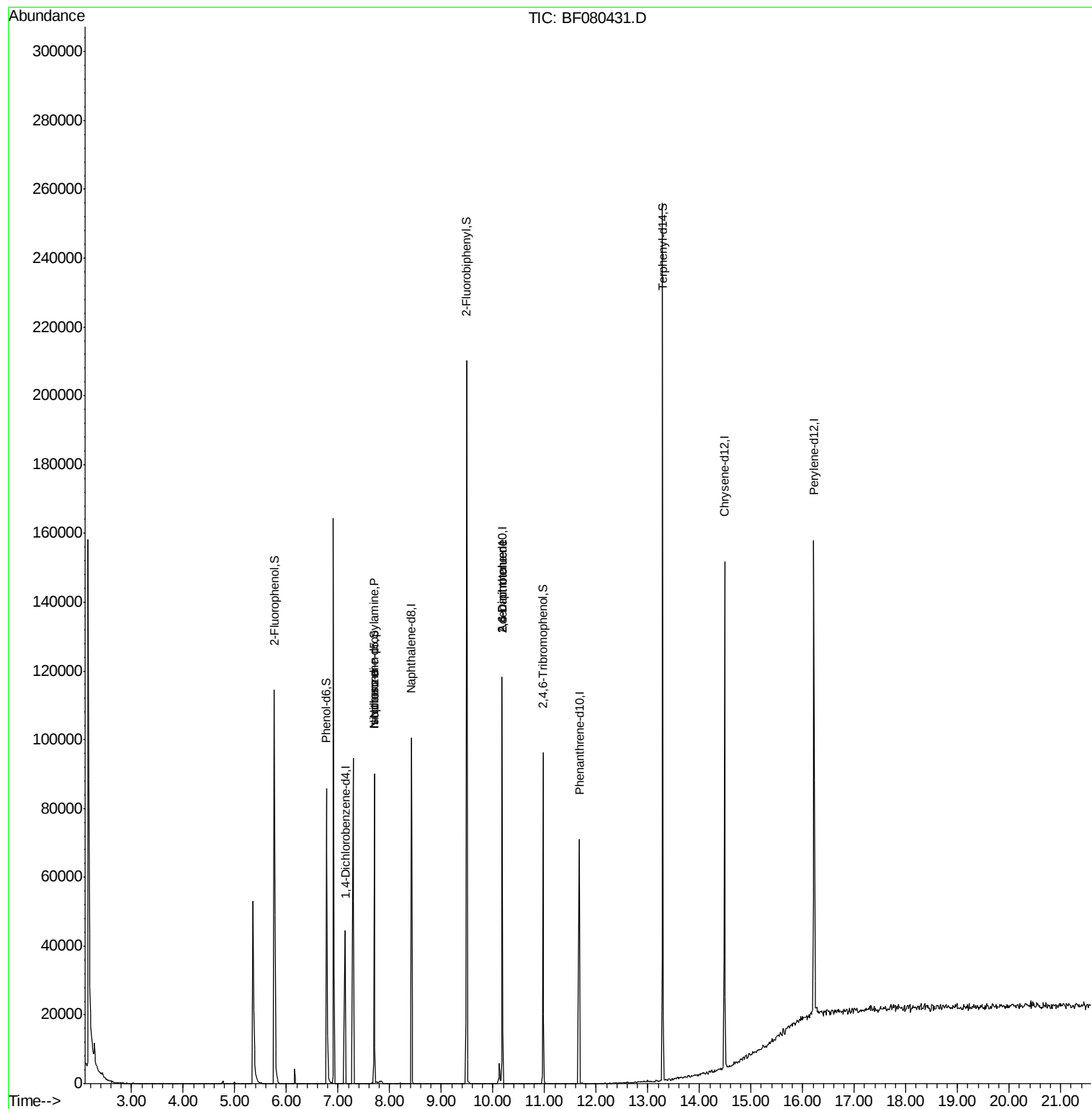
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.14	152	10423	20.00	ng	0.00
21) Naphthalene-d8	8.42	136	43399	20.00	ng	0.00
38) Acenaphthene-d10	10.18	164	21810	20.00	ng	0.00
63) Phenanthrene-d10	11.68	188	41851	20.00	ng	-0.01
75) Chrysene-d12	14.49	240	56242	20.00	ng	-0.23
86) Perylene-d12	16.21	264	67838	20.00	ng	-0.38
System Monitoring Compounds						
5) 2-Fluorophenol	5.77	112	35968	59.13	ng	0.00
7) Phenol-d6	6.77	99	44618	55.06	ng	0.00
23) Nitrobenzene-d5	7.70	82	26545	34.88	ng	0.00
41) 2,4,6-Tribromophenol	10.97	330	9244	43.43	ng	-0.01
44) 2-Fluorobiphenyl	9.49	172	62402	38.54	ng	0.00
78) Terphenyl-d14	13.29	244	80844	31.22	ng	-0.11
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.70	70	3422	6.17	ng	# 79
25) Isophorone	7.70	82	26544	19.46	ng	# 73
50) 2,6-Dinitrotoluene	10.18	165	2670	7.22	ng	# 24
56) 2,4-Dinitrotoluene	10.18	165	2670	6.17	ng	# 9

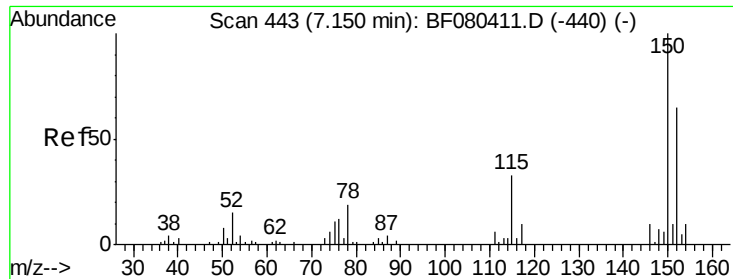
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071315\
Data File : BF080431.D
Acq On : 13 Jul 2015 17:37
Operator : TP/UM
Sample : G2945-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TE-MW-2-15

Quant Time: Jul 14 00:59:25 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 14 00:52:37 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.14 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF080431.D

Acq: 13 Jul 2015 17:37

Instrument :

BNA_F

ClientSampleId :

TE-MW-2-15

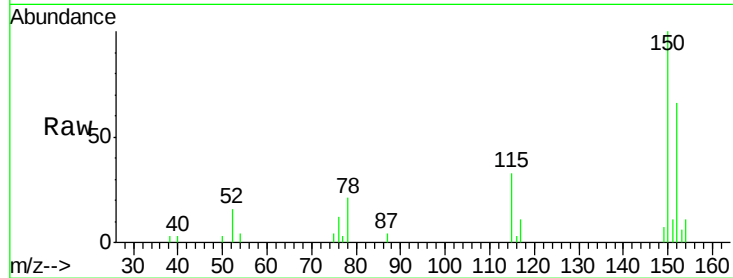
Tgt Ion:152 Resp: 10423

Ion Ratio Lower Upper

152 100

150 151.3 122.3 183.5

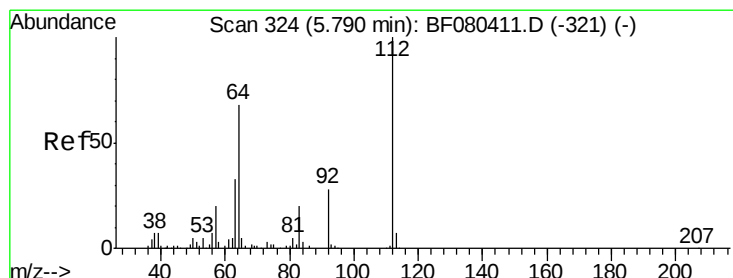
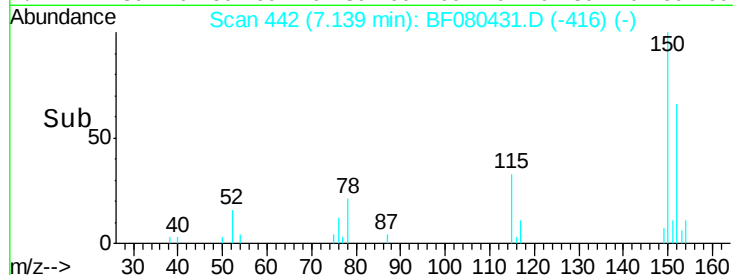
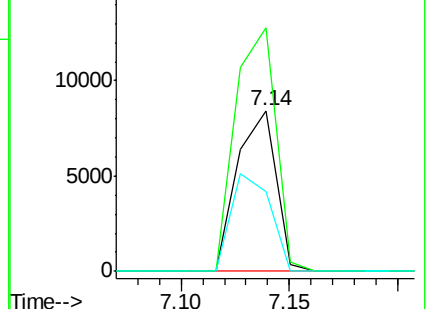
115 49.6 41.0 61.4



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: 59.13 ng

RT: 5.77 min Scan# 322

Delta R.T. 0.00 min

Lab File: BF080431.D

Acq: 13 Jul 2015 17:37

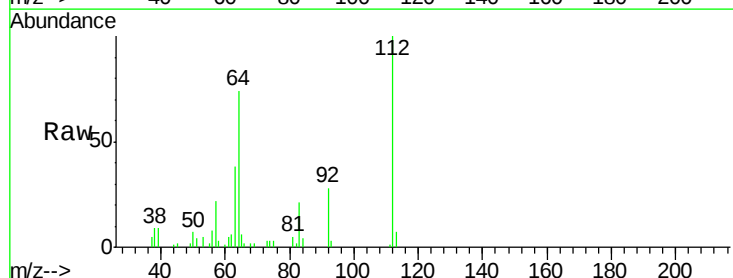
Tgt Ion:112 Resp: 35968

Ion Ratio Lower Upper

112 100

64 73.7 54.3 81.5

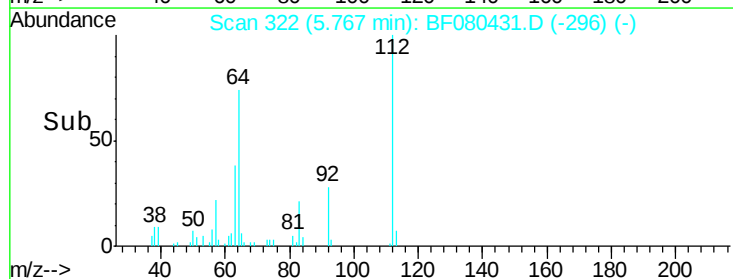
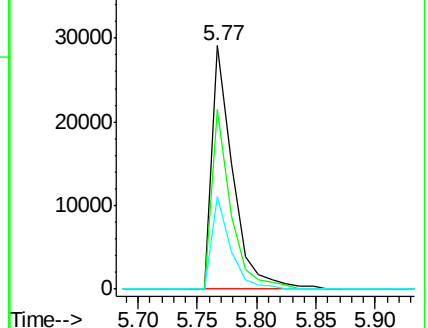
63 38.1 26.7 40.1

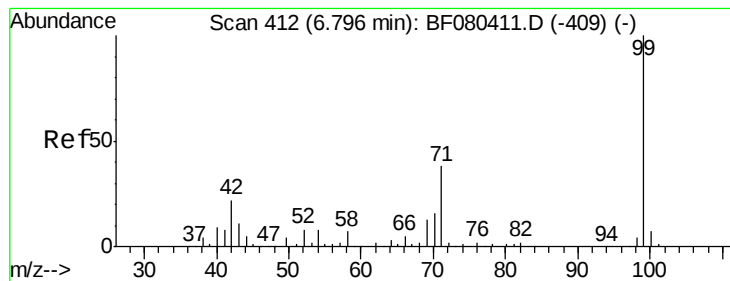


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 55.06 ng

RT: 6.77 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF080431.D

Acq: 13 Jul 2015 17:37

Instrument :

BNA_F

ClientSampleId :

TE-MW-2-15

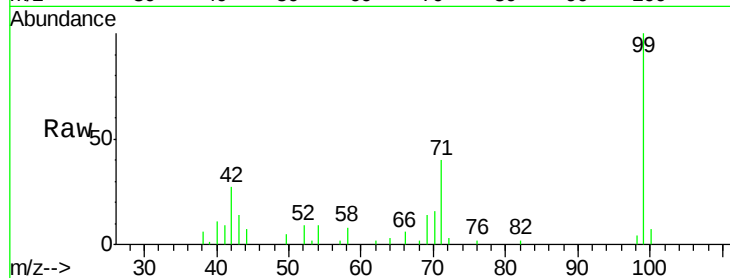
Tgt Ion: 99 Resp: 44618

Ion Ratio Lower Upper

99 100

42 27.4 17.9 26.9#

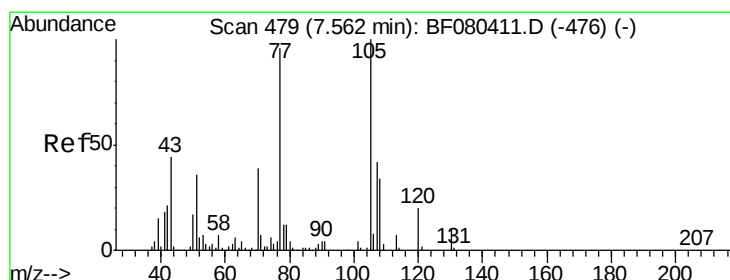
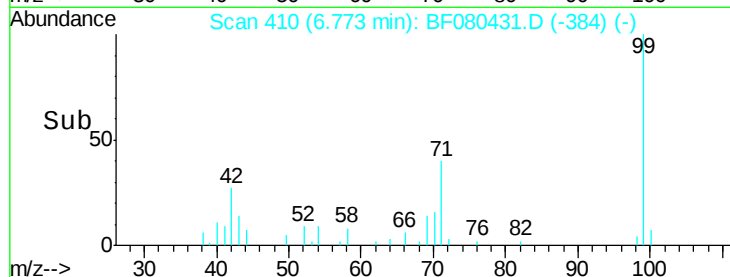
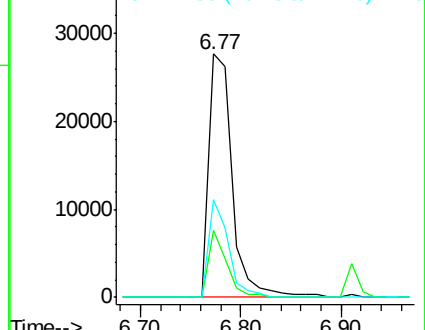
71 40.1 30.1 45.1



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: 6.17 ng

RT: 7.70 min Scan# 491

Delta R.T. 0.16 min

Lab File: BF080431.D

Acq: 13 Jul 2015 17:37

Tgt Ion: 70 Resp: 3422

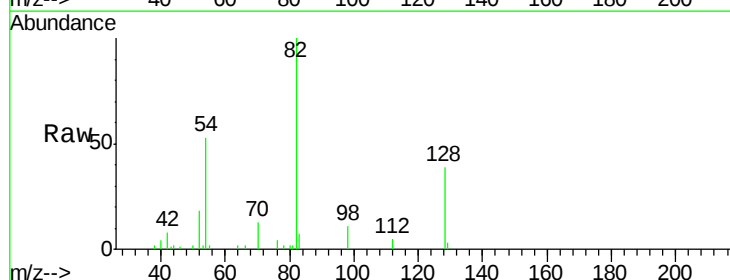
Ion Ratio Lower Upper

70 100

42 58.7 43.4 65.0

101 0.0 9.0 13.6#

130 0.0 19.5 29.3#

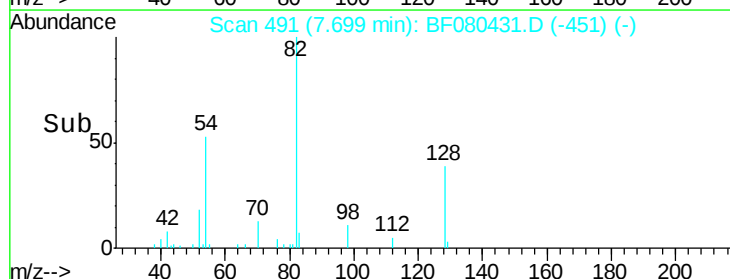
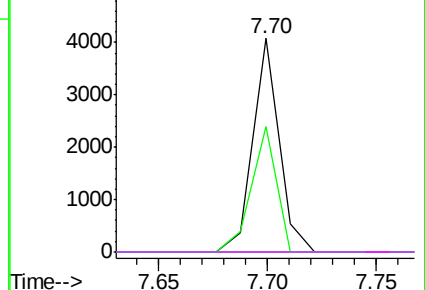


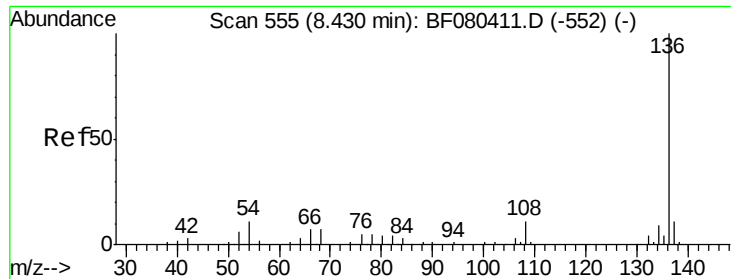
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

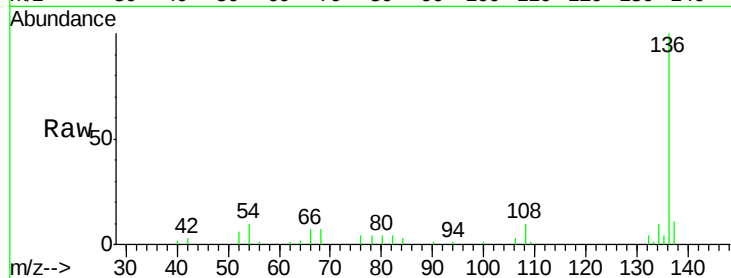




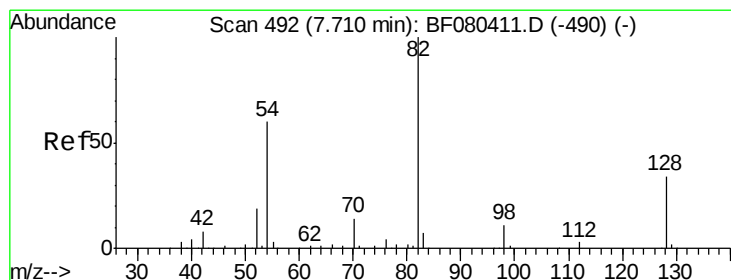
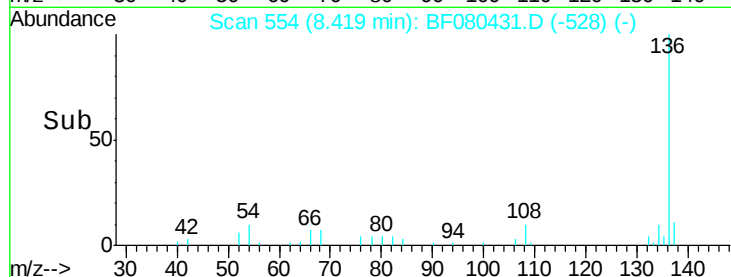
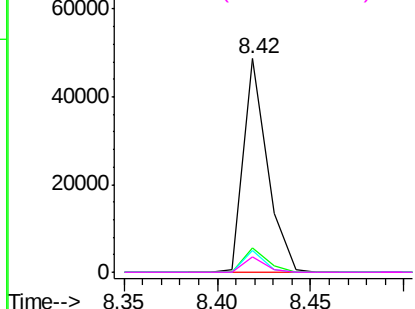
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.42 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF080431.D
Acq: 13 Jul 2015 17:37

Instrument :
BNA_F
ClientSampleId :
TE-MW-2-15

Tgt Ion:	136	Resp:	43399
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	10.5	9.1	13.7
68	7.5	5.9	8.9

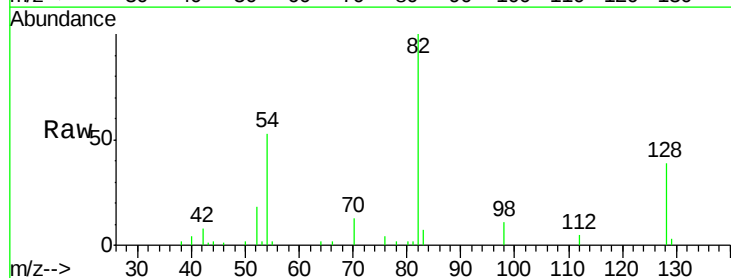


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

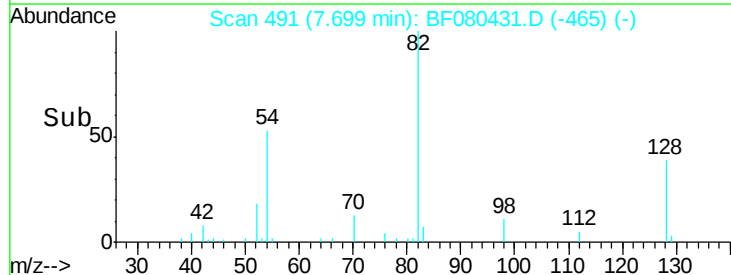
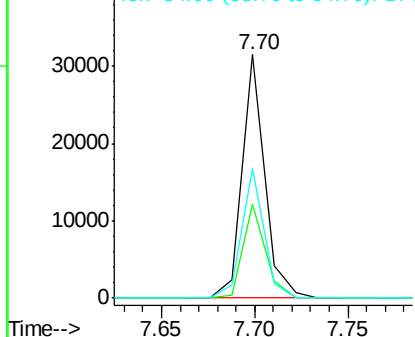


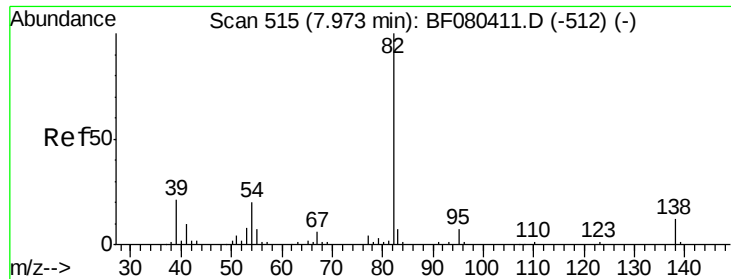
#23
Nitrobenzene-d5
Concen: 34.88 ng
RT: 7.70 min Scan# 491
Delta R.T. 0.00 min
Lab File: BF080431.D
Acq: 13 Jul 2015 17:37

Tgt Ion:	82	Resp:	26545
Ion	Ratio	Lower	Upper
82	100		
128	38.8	26.9	40.3
54	53.3	47.7	71.5



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: 19.46 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.25 min

Lab File: BF080431.D

Acq: 13 Jul 2015 17:37

Instrument :

BNA_F

ClientSampleId :

TE-MW-2-15

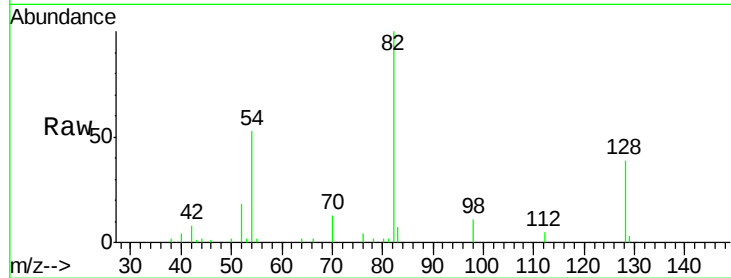
Tgt Ion: 82 Resp: 26544

Ion Ratio Lower Upper

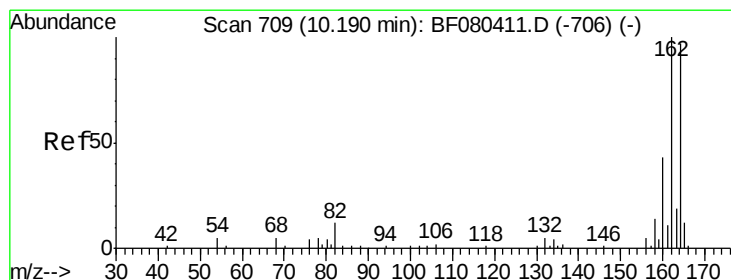
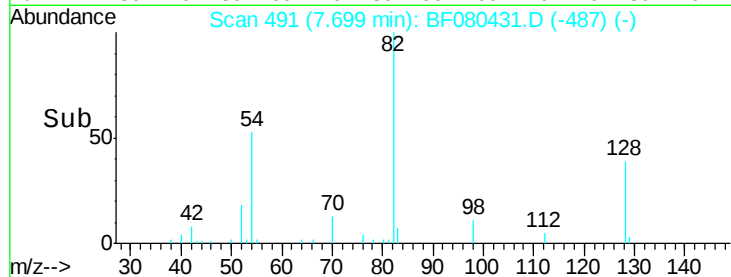
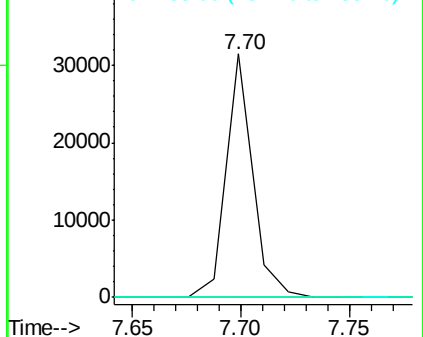
82 100

95 0.0 5.4 8.2#

138 0.0 9.5 14.3#



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): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.18 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF080431.D

Acq: 13 Jul 2015 17:37

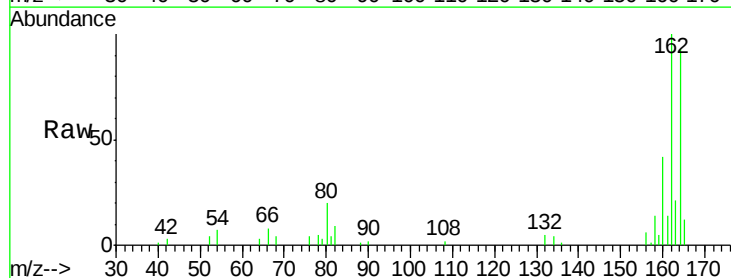
Tgt Ion: 164 Resp: 21810

Ion Ratio Lower Upper

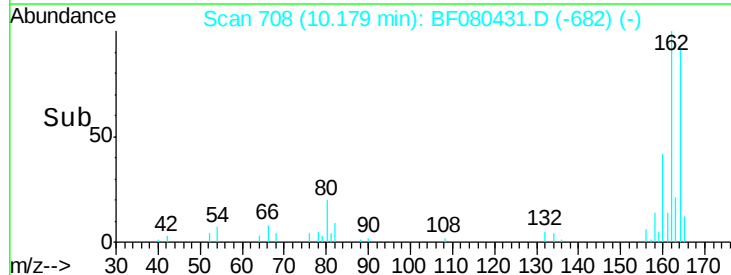
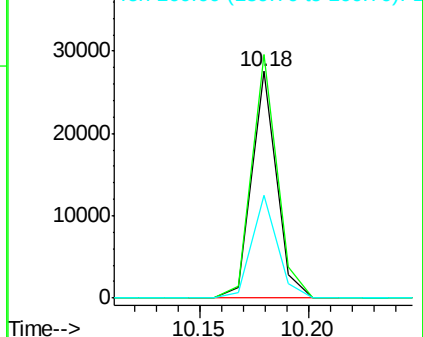
164 100

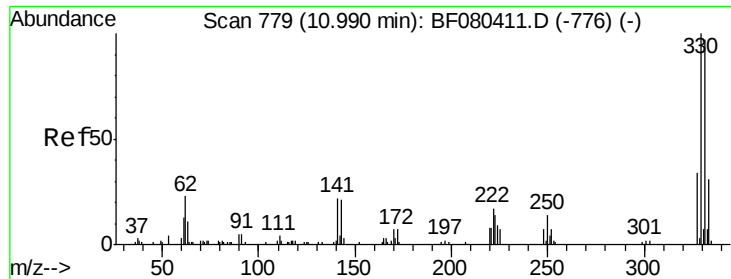
162 107.3 82.7 124.1

160 45.4 35.5 53.3



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

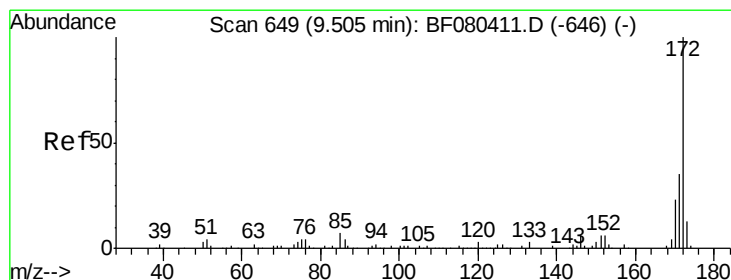
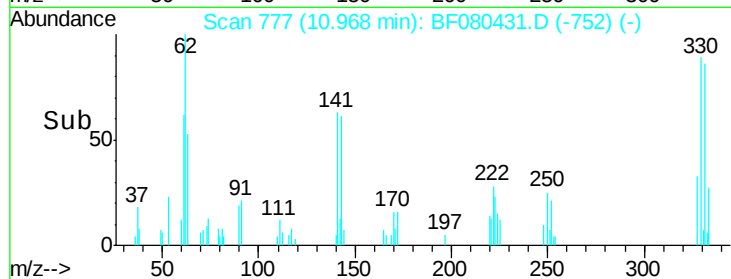
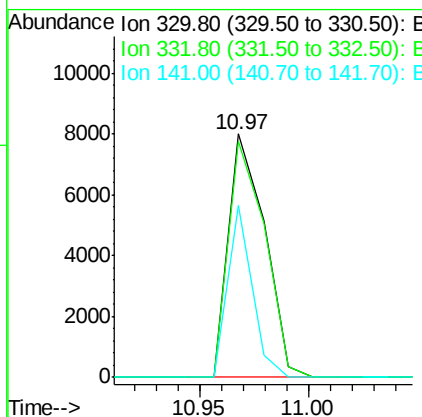
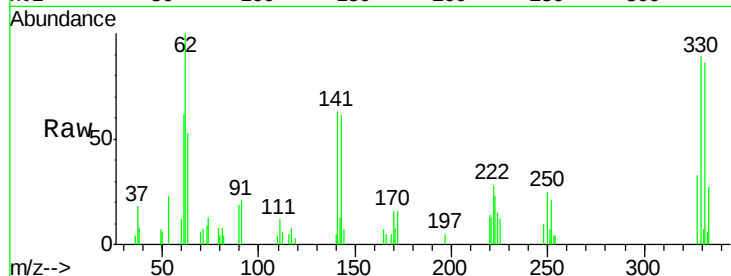




#41
 2,4,6-Tribromophenol
 Concen: 43.43 ng
 RT: 10.97 min Scan# 777
 Delta R.T. -0.01 min
 Lab File: BF080431.D
 Acq: 13 Jul 2015 17:37

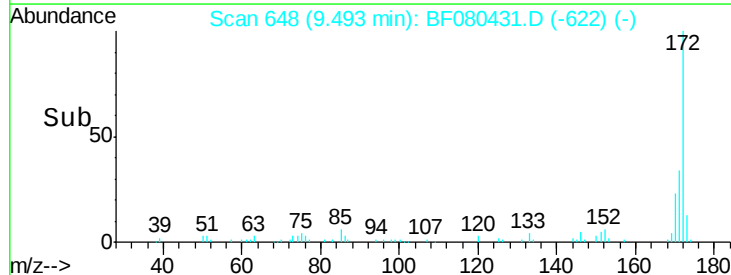
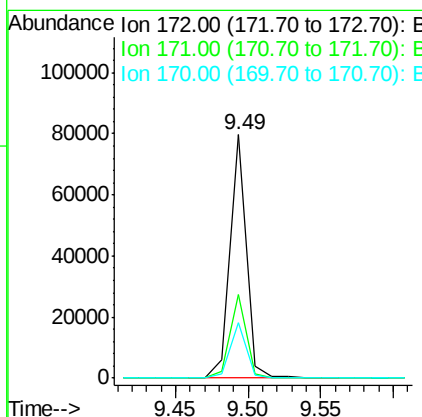
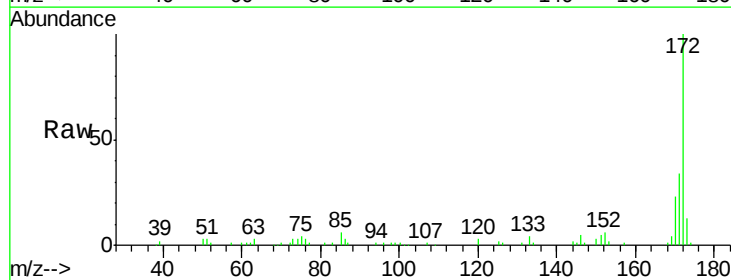
Instrument :
 BNA_F
 ClientSampleId :
 TE-MW-2-15

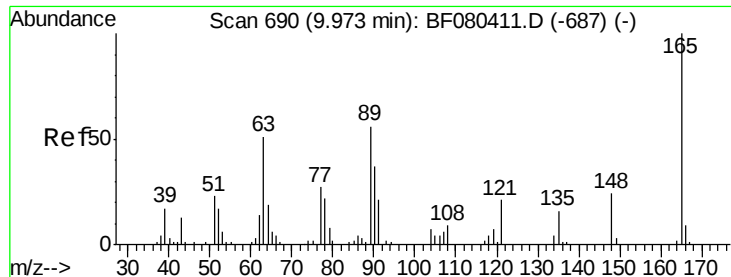
Tgt Ion: 330 Resp: 9244
 Ion Ratio Lower Upper
 330 100
 332 98.0 78.0 117.0
 141 47.2 28.6 43.0#



#44
 2-Fluorobiphenyl
 Concen: 38.54 ng
 RT: 9.49 min Scan# 648
 Delta R.T. 0.00 min
 Lab File: BF080431.D
 Acq: 13 Jul 2015 17:37

Tgt Ion: 172 Resp: 62402
 Ion Ratio Lower Upper
 172 100
 171 34.4 28.4 42.6
 170 22.9 18.6 28.0

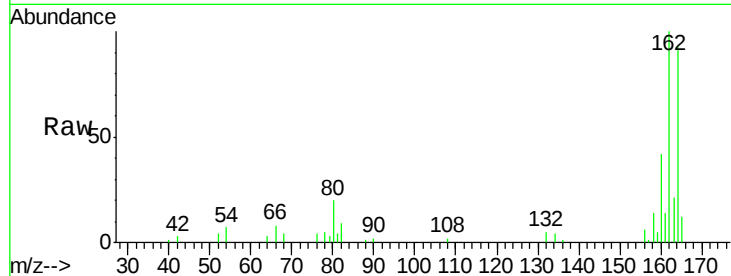




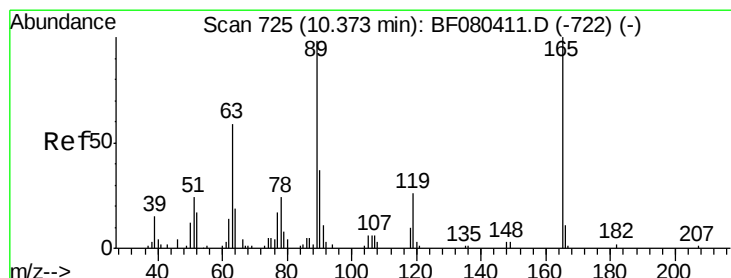
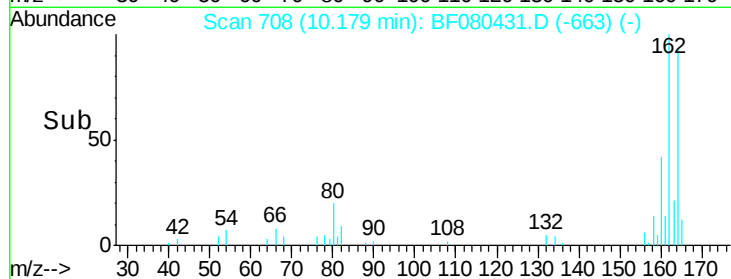
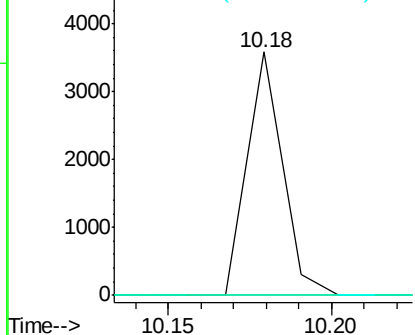
#50
 2,6-Dinitrotoluene
 Concen: 7.22 ng
 RT: 10.18 min Scan# 708
 Delta R.T. 0.22 min
 Lab File: BF080431.D
 Acq: 13 Jul 2015 17:37

Instrument :
 BNA_F
 ClientSampleId :
 TE-MW-2-15

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.5	66.7#
89	0.0	44.5	66.7#

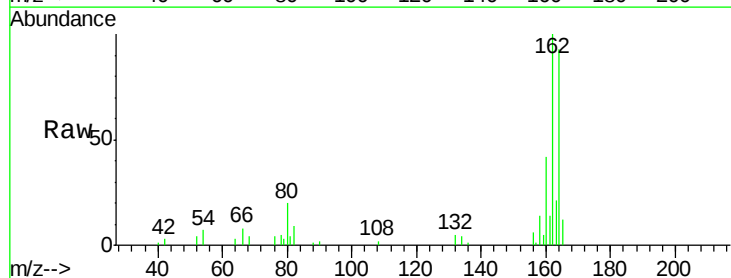


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

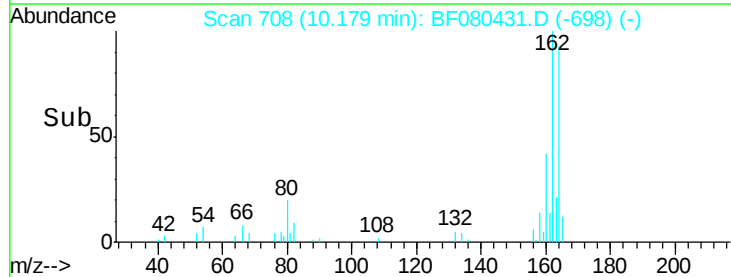
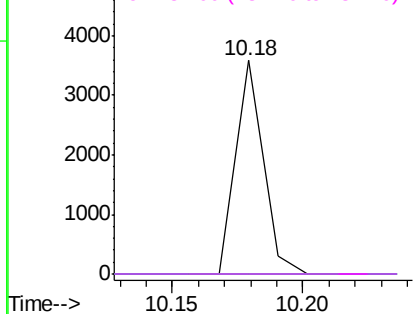


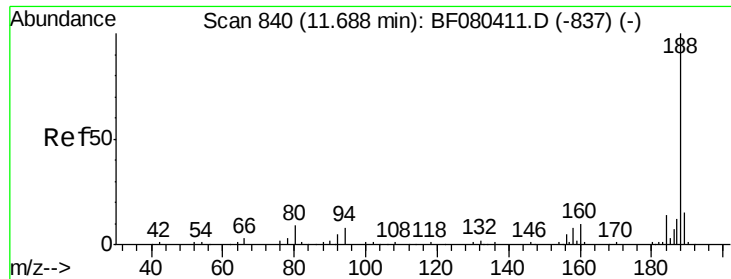
#56
 2,4-Dinitrotoluene
 Concen: 6.17 ng
 RT: 10.18 min Scan# 708
 Delta R.T. -0.18 min
 Lab File: BF080431.D
 Acq: 13 Jul 2015 17:37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	51.7	77.5#
89	0.0	78.6	117.8#
182	0.0	1.8	2.8#



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

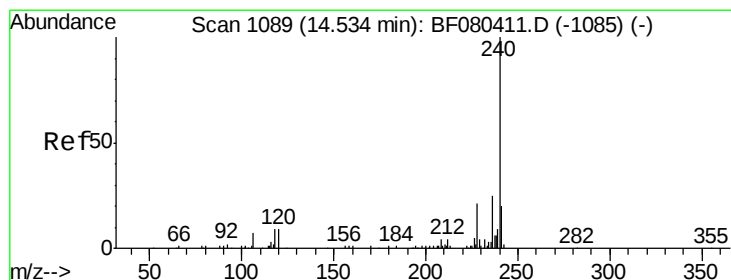
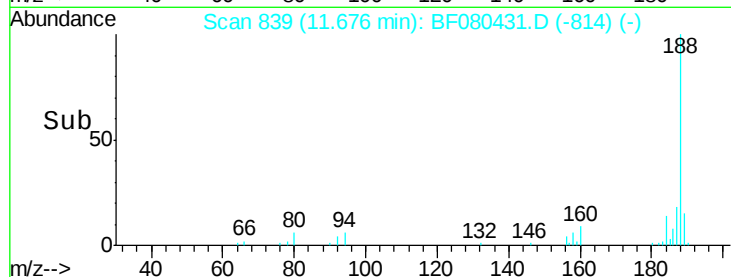
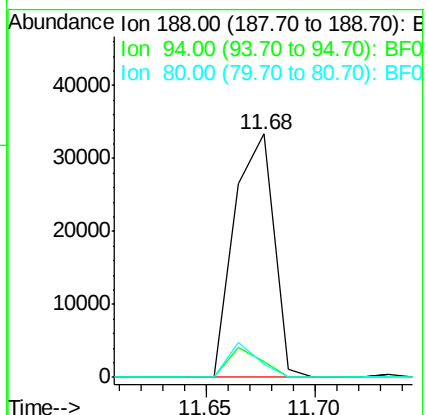
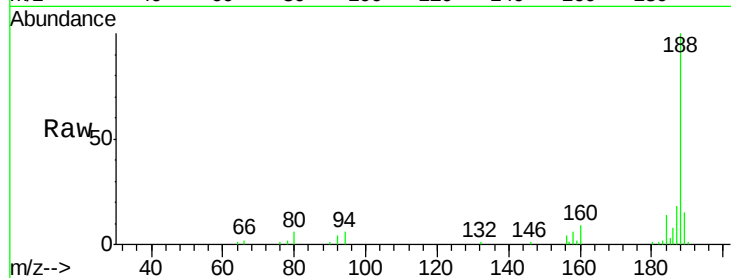




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.68 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF080431.D
Acq: 13 Jul 2015 17:37

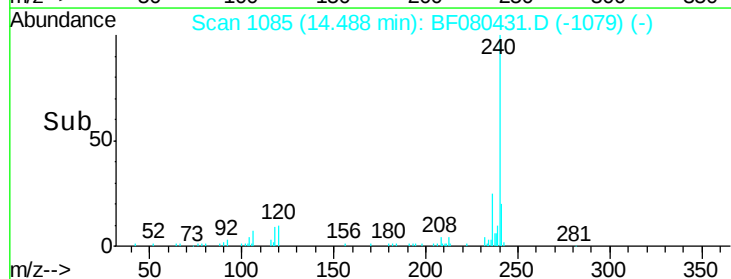
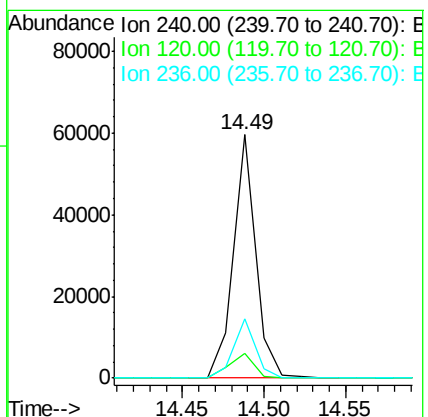
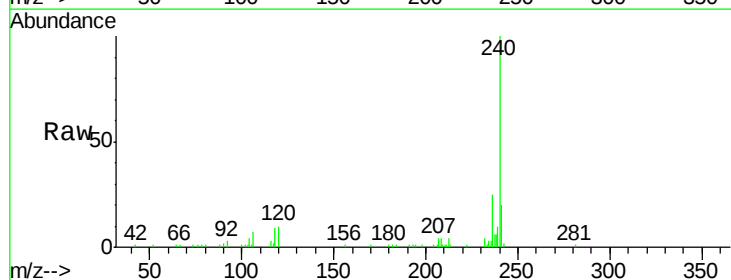
Instrument :
BNA_F
ClientSampleId :
TE-MW-2-15

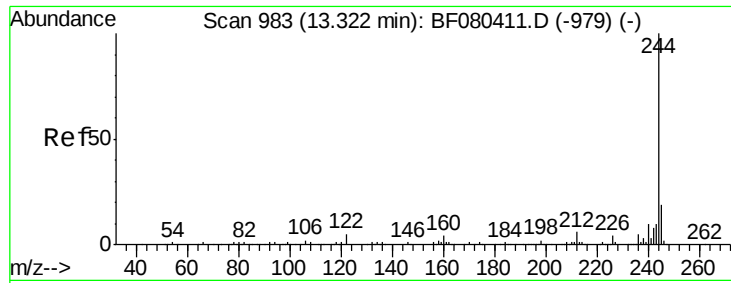
Tgt Ion:188 Resp: 41851
Ion Ratio Lower Upper
188 100
94 6.3 6.7 10.1#
80 5.6 7.5 11.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.49 min Scan# 1085
Delta R.T. -0.23 min
Lab File: BF080431.D
Acq: 13 Jul 2015 17:37

Tgt Ion:240 Resp: 56242
Ion Ratio Lower Upper
240 100
120 10.1 7.4 11.2
236 24.6 19.7 29.5

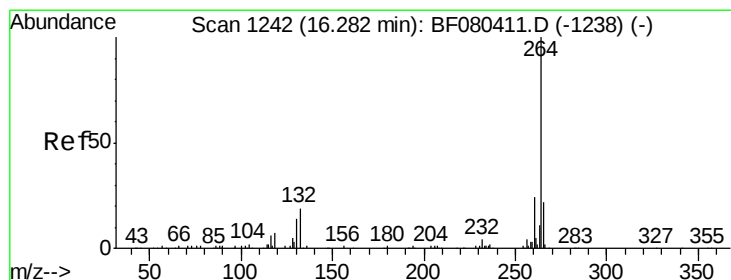
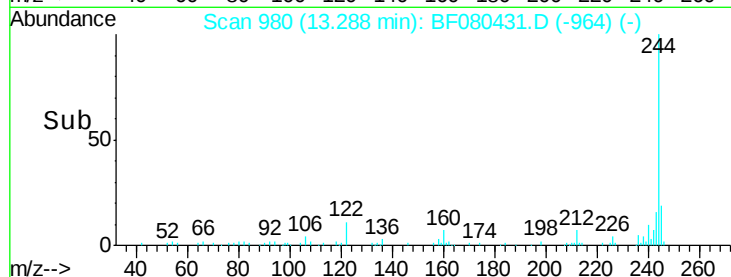
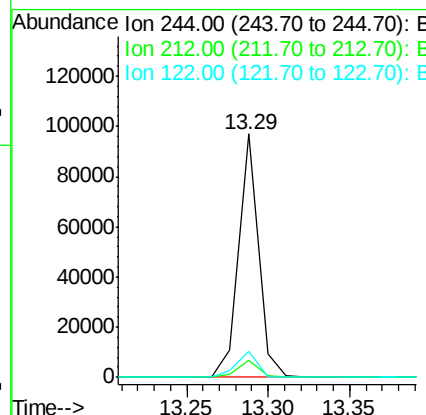
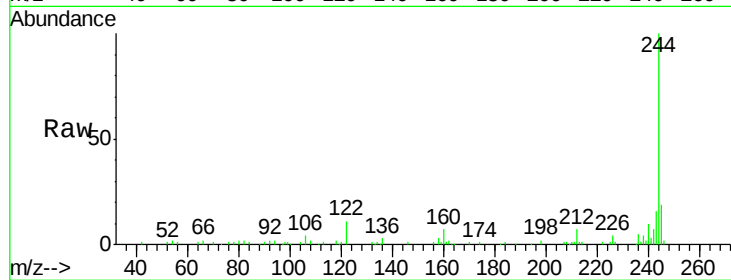




#78
 Terphenyl-d14
 Concen: 31.22 ng
 RT: 13.29 min Scan# 980
 Delta R.T. -0.11 min
 Lab File: BF080431.D
 Acq: 13 Jul 2015 17:37

Instrument :
 BNA_F
 ClientSampleId :
 TE-MW-2-15

Tgt Ion:244 Resp: 80844
 Ion Ratio Lower Upper
 244 100
 212 7.1 4.9 7.3
 122 10.6 4.1 6.1#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.21 min Scan# 1236
 Delta R.T. -0.38 min
 Lab File: BF080431.D
 Acq: 13 Jul 2015 17:37

Tgt Ion:264 Resp: 67838
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.2
 265 22.0 17.8 26.8

