

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
 Data File : BF080255.D
 Acq On : 1 Jul 2015 2:15
 Operator : TP/IZ
 Sample : G2841-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SIDEWALLWEST(9FT)-062915

Quant Time: Jul 01 05:07:38 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 23 00:53:56 2015
 Response via : Initial Calibration

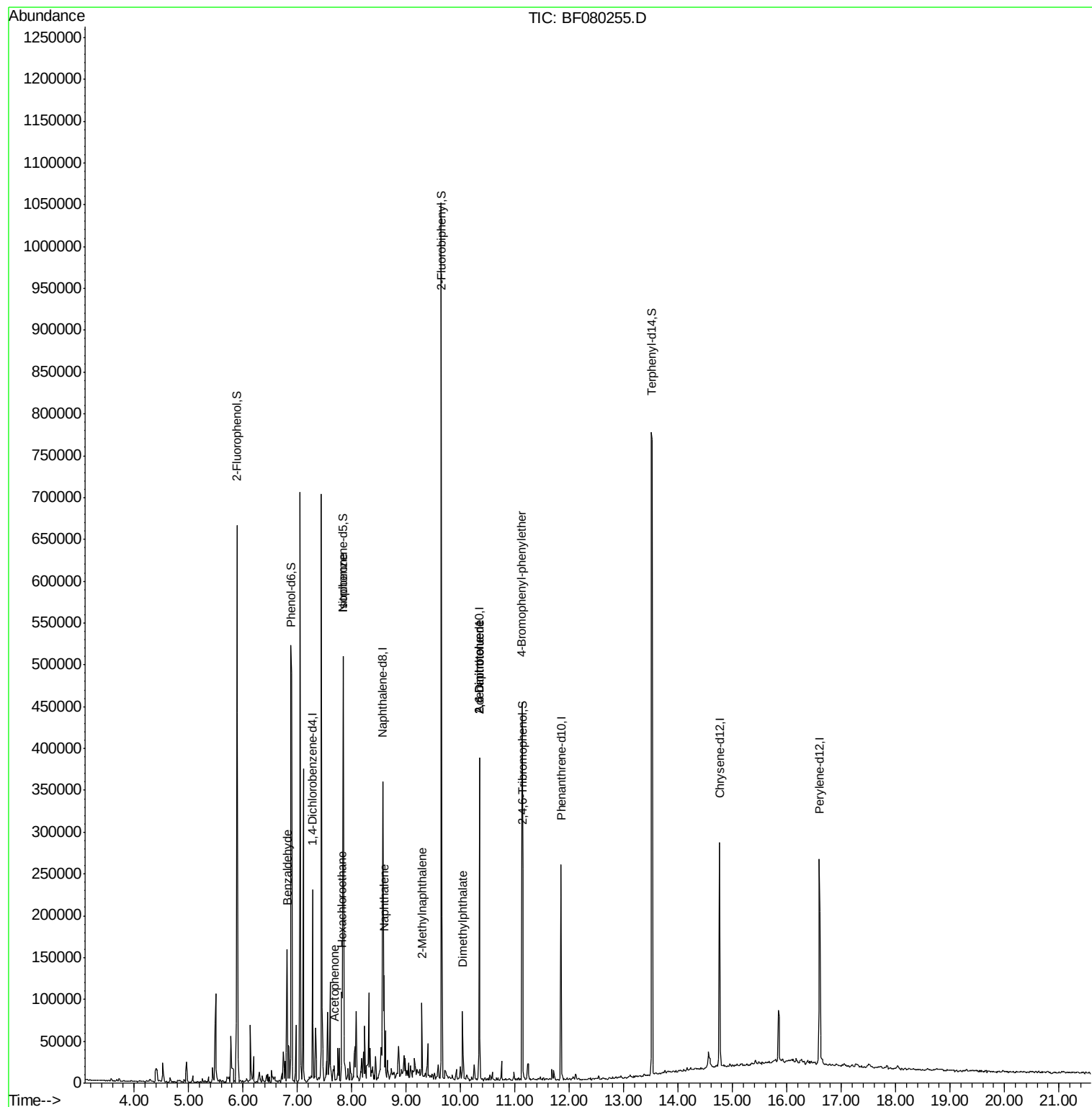
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	32990	20.00	ng	-0.05
21) Naphthalene-d8	8.57	136	135349	20.00	ng	-0.05
38) Acenaphthene-d10	10.34	164	70572	20.00	ng	-0.05
63) Phenanthrene-d10	11.85	188	135869	20.00	ng	-0.06
75) Chrysene-d12	14.77	240	151674	20.00	ng	-0.23
86) Perylene-d12	16.60	264	146507	20.00	ng	-0.33
System Monitoring Compounds						
5) 2-Fluorophenol	5.89	112	180413	96.81	ng	-0.05
7) Phenol-d6	6.89	99	238049	95.99	ng	-0.03
23) Nitrobenzene-d5	7.84	82	147220	63.32	ng	-0.03
41) 2,4,6-Tribromophenol	11.14	330	56356	81.67	ng	-0.03
44) 2-Fluorobiphenyl	9.65	172	301132	60.85	ng	-0.05
78) Terphenyl-d14	13.52	244	387583	59.68	ng	-0.15
Target Compounds						
9) Benzaldehyde	6.81	77	8371	5.85	ng	# 1
18) Hexachloroethane	7.82	117	6452	7.87	ng	# 1
22) Acetophenone	7.68	105	8852	2.81	ng	# 49
25) Isophorone	7.84	82	147241	31.47	ng	# 58
31) Naphthalene	8.60	128	38049	5.38	ng	# 97
37) 2-Methylnaphthalene	9.29	142	22789	4.98	ng	# 93
49) Dimethylphthalate	10.04	163	28566	5.38	ng	# 96
50) 2,6-Dinitrotoluene	10.34	165	9179	8.63	ng	# 37
56) 2,4-Dinitrotoluene	10.34	165	9180	6.80	ng	# 31
66) 4-Bromophenyl-phenylether	11.13	248	4234	2.93	ng	# 1

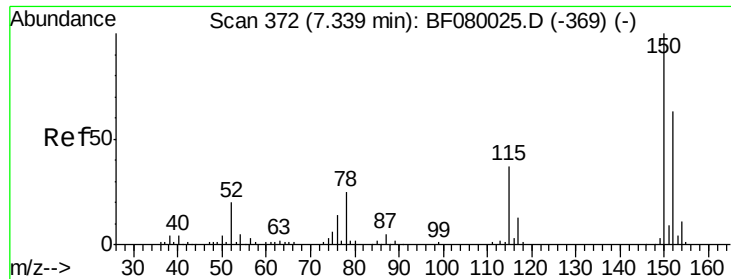
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
Data File : BF080255.D
Acq On : 1 Jul 2015 2:15
Operator : TP/IZ
Sample : G2841-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SIDEWALLWEST(9FT)-062915

Quant Time: Jul 01 05:07:38 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 23 00:53:56 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.28 min Scan# 367

Delta R.T. -0.05 min

Lab File: BF080255.D

Acq: 1 Jul 2015 2:15

Instrument :

BNA_F

ClientSampleId :

SIDEWALLWEST(9FT)-062915

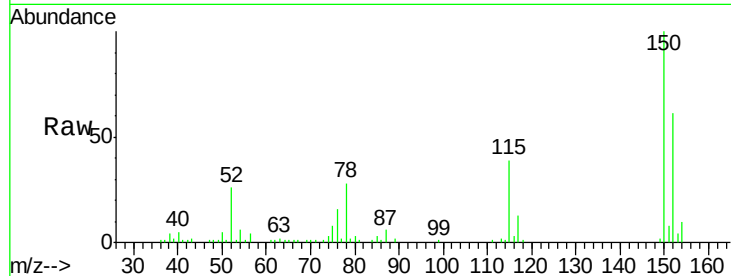
Tgt Ion:152 Resp: 32990

Ion Ratio Lower Upper

152 100

150 162.7 124.7 187.1

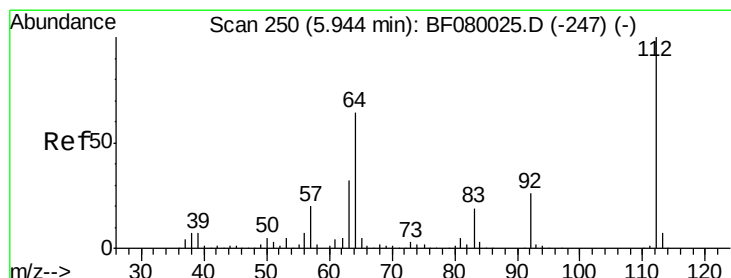
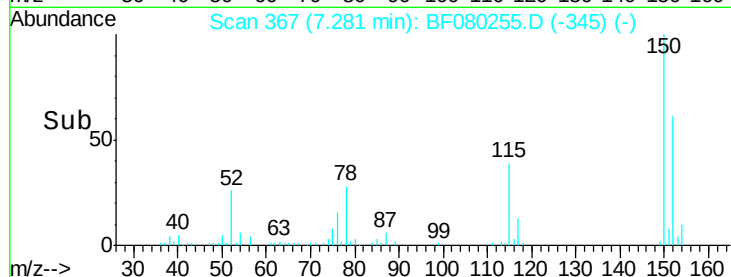
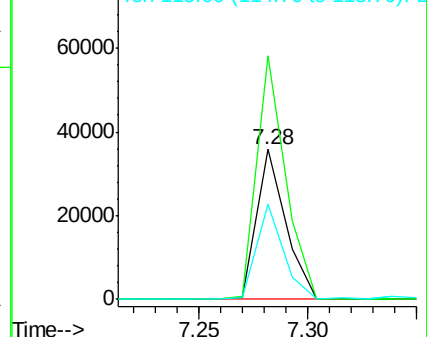
115 63.9 39.0 58.4#



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: 96.81 ng

RT: 5.89 min Scan# 245

Delta R.T. -0.05 min

Lab File: BF080255.D

Acq: 1 Jul 2015 2:15

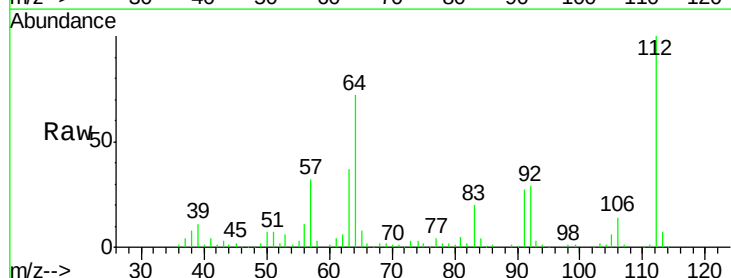
Tgt Ion:112 Resp: 180413

Ion Ratio Lower Upper

112 100

64 71.7 39.7 59.5#

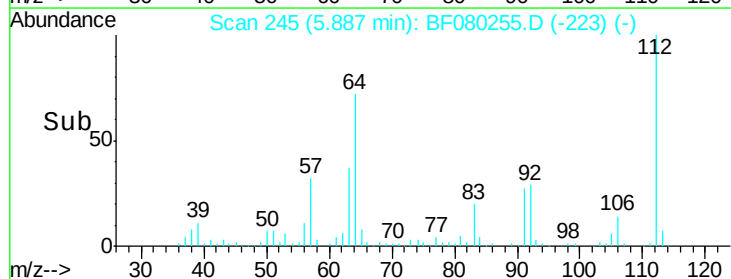
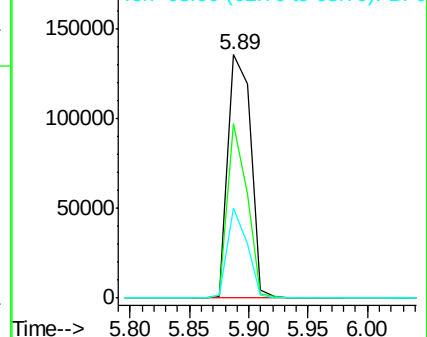
63 36.9 17.4 26.0#

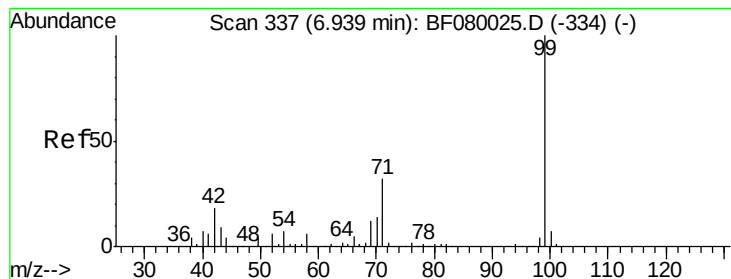


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 95.99 ng

RT: 6.89 min Scan# 333

Delta R.T. -0.03 min

Lab File: BF080255.D

Acq: 1 Jul 2015 2:15

Instrument :

BNA_F

ClientSampleId :

SIDEWALLWEST(9FT)-062915

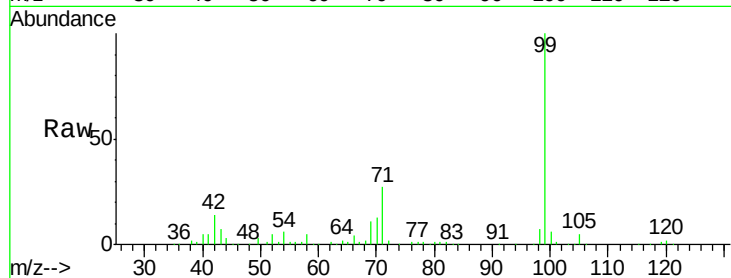
Tgt Ion: 99 Resp: 238049

Ion Ratio Lower Upper

99 100

42 13.7 13.7 20.5

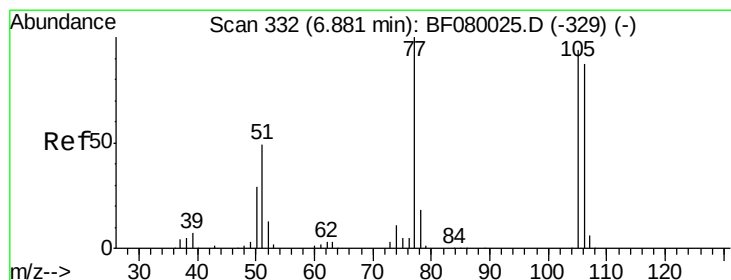
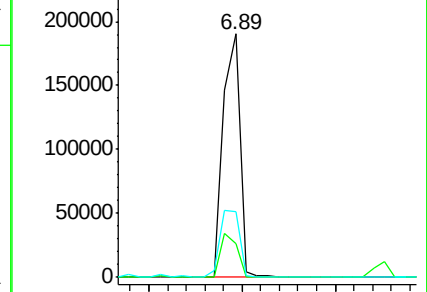
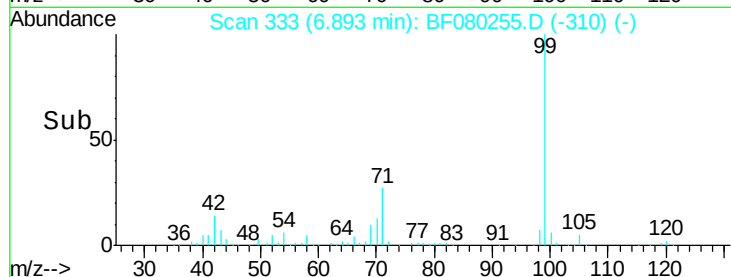
71 27.0 14.2 21.2#



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



#9

Benzaldehyde

Concen: 5.85 ng

RT: 6.81 min Scan# 326

Delta R.T. -0.06 min

Lab File: BF080255.D

Acq: 1 Jul 2015 2:15

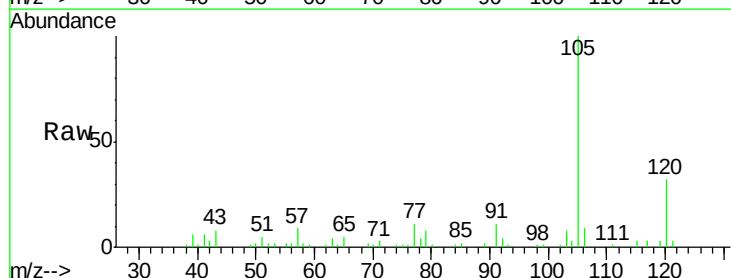
Tgt Ion: 77 Resp: 8371

Ion Ratio Lower Upper

77 100

105 931.9 91.6 131.6#

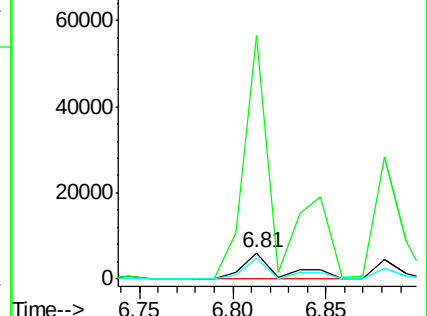
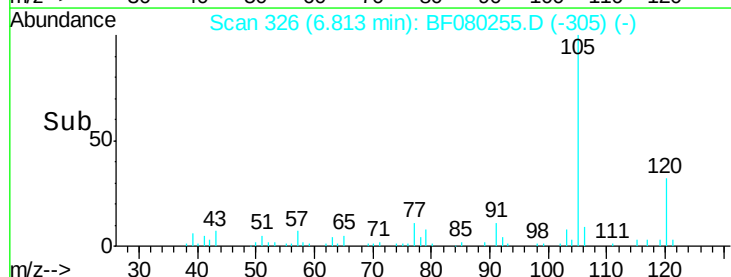
106 81.0 102.6 142.6#

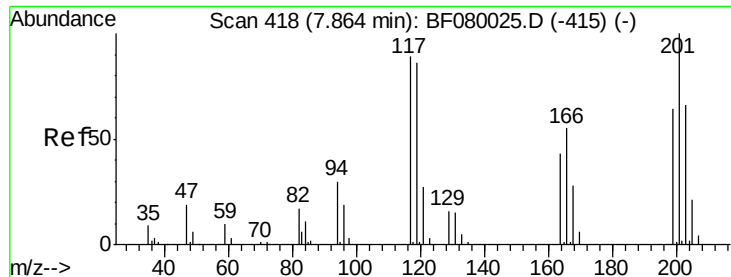


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

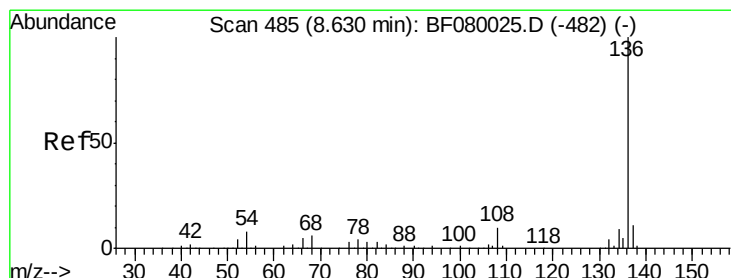
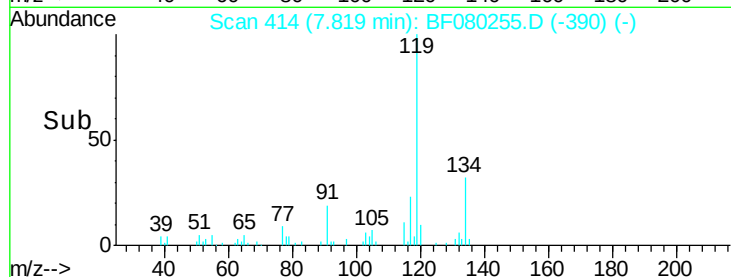
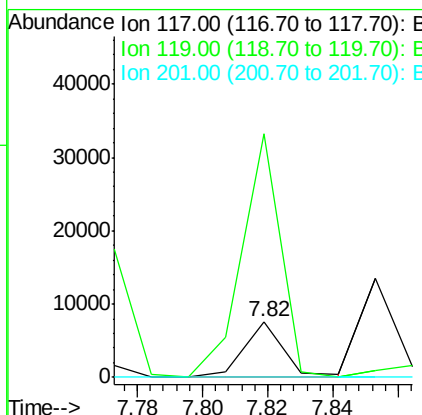
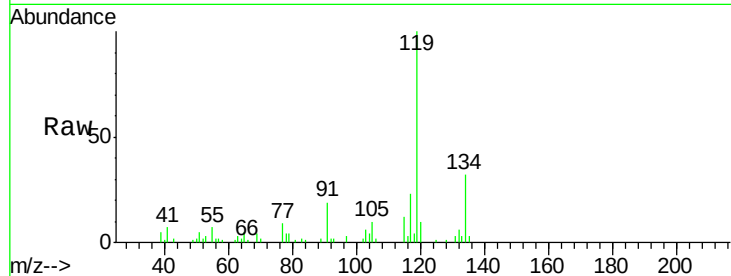




#18
Hexachloroethane
Concen: 7.87 ng
RT: 7.82 min Scan# 414
Delta R.T. -0.02 min
Lab File: BF080255.D
Acq: 1 Jul 2015 2:15

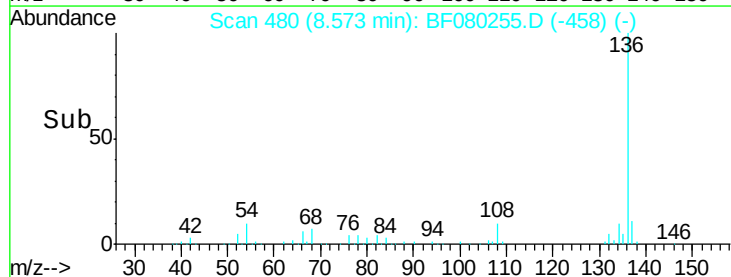
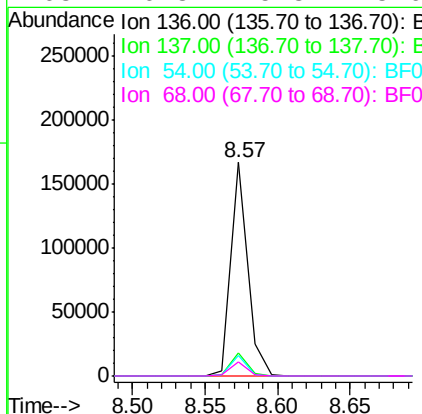
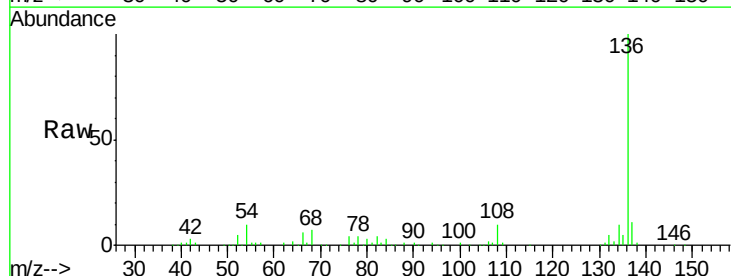
Instrument :
BNA_F
ClientSampleId :
SIDEWALLWEST(9FT)-062915

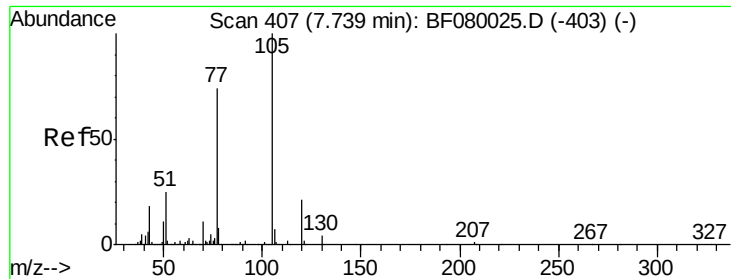
Tgt Ion:117 Resp: 6452
Ion Ratio Lower Upper
117 100
119 435.4 83.8 125.6#
201 0.0 55.1 82.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.57 min Scan# 480
Delta R.T. -0.05 min
Lab File: BF080255.D
Acq: 1 Jul 2015 2:15

Tgt Ion:136 Resp: 135349
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.6
54 9.6 8.2 12.2
68 6.8 5.8 8.6

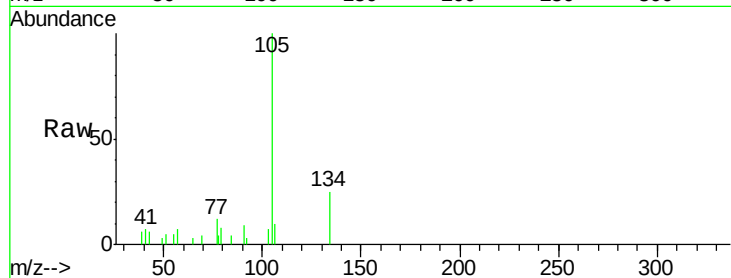




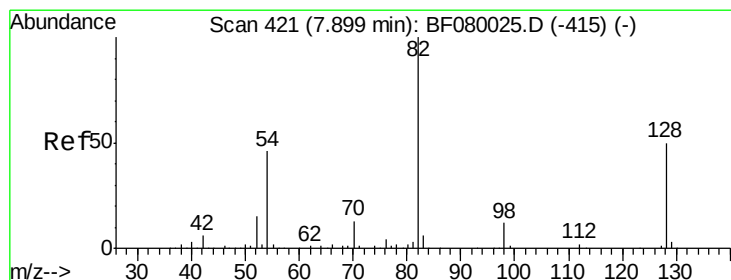
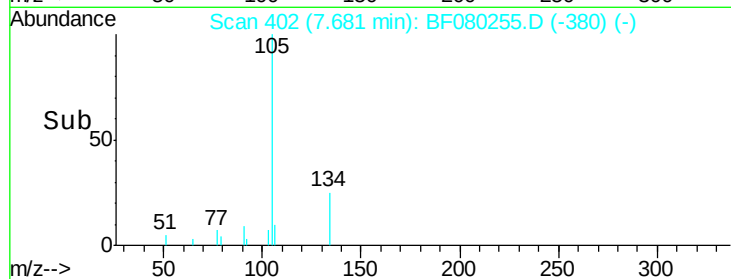
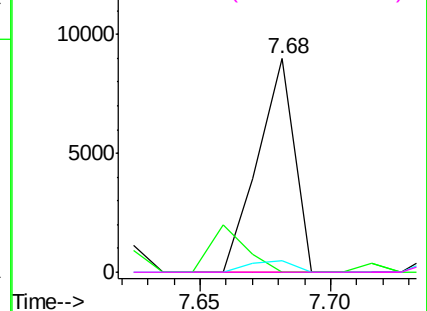
#22
Acetophenone
Concen: 2.81 ng
RT: 7.68 min Scan# 402
Delta R.T. -0.05 min
Lab File: BF080255.D
Acq: 1 Jul 2015 2:15

Instrument :
BNA_F
ClientSampleId :
SIDEWALLWEST(9FT)-062915

Tgt Ion: 105 Resp: 8852
Ion Ratio Lower Upper
105 100
71 0.0 4.7 7.1#
51 5.3 22.0 33.0#
120 0.0 30.1 45.1#

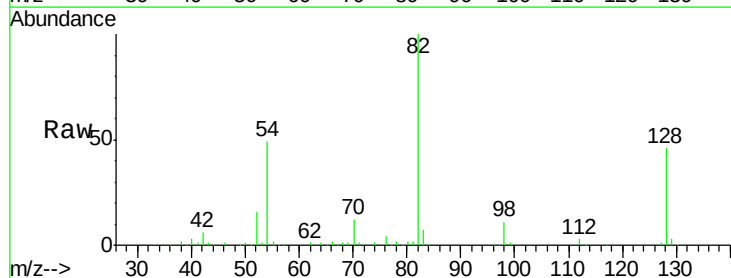


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

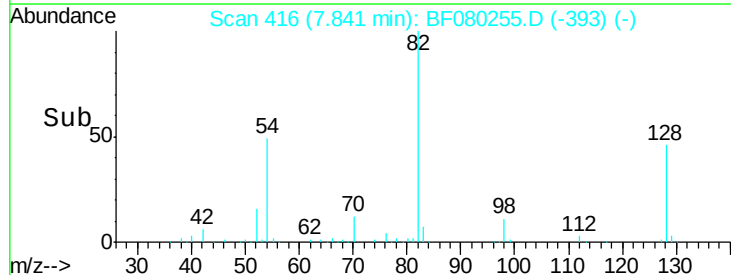
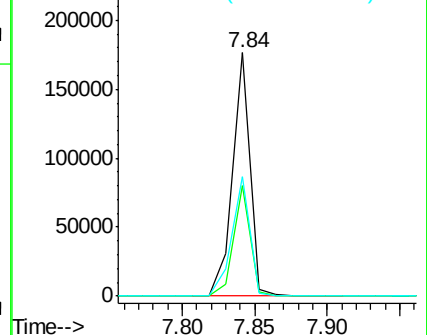


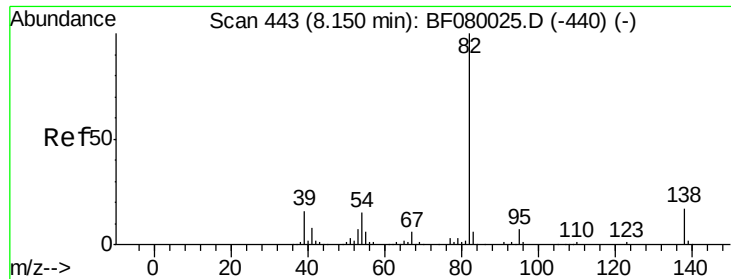
#23
Nitrobenzene-d5
Concen: 63.32 ng
RT: 7.84 min Scan# 416
Delta R.T. -0.03 min
Lab File: BF080255.D
Acq: 1 Jul 2015 2:15

Tgt Ion: 82 Resp: 147220
Ion Ratio Lower Upper
82 100
128 45.5 51.0 76.6#
54 49.1 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: 31.47 ng

RT: 7.84 min Scan# 416

Delta R.T. -0.30 min

Lab File: BF080255.D

Acq: 1 Jul 2015 2:15

Instrument :

BNA_F

ClientSampleId :

SIDEWALLWEST(9FT)-062915

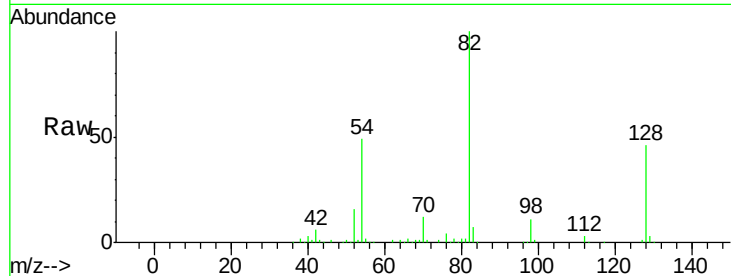
Tgt Ion: 82 Resp: 147241

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

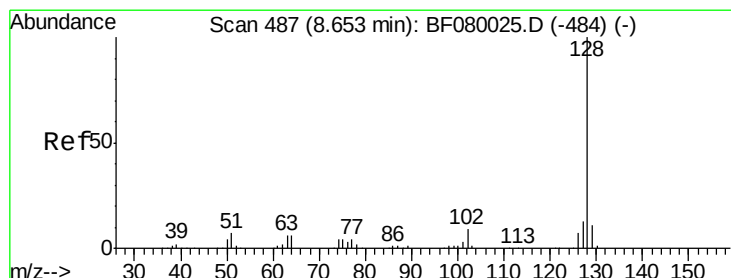
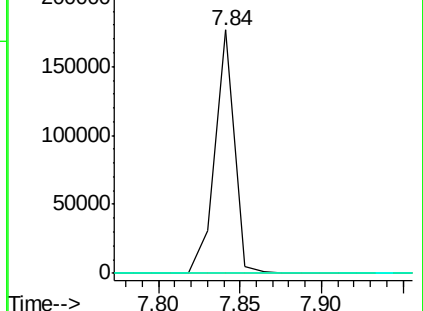
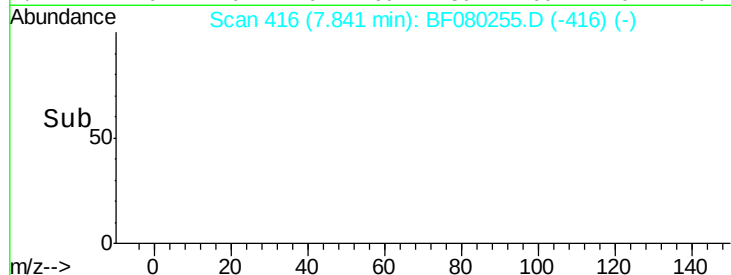
138 0.0 18.3 27.5#



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



#31

Naphthalene

Concen: 5.38 ng

RT: 8.60 min Scan# 482

Delta R.T. -0.03 min

Lab File: BF080255.D

Acq: 1 Jul 2015 2:15

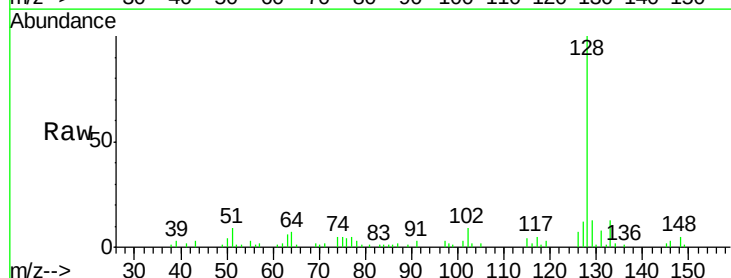
Tgt Ion: 128 Resp: 38049

Ion Ratio Lower Upper

128 100

129 12.7 8.4 12.6#

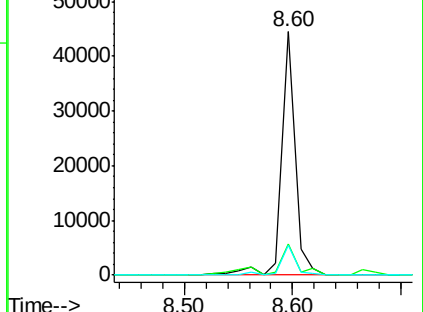
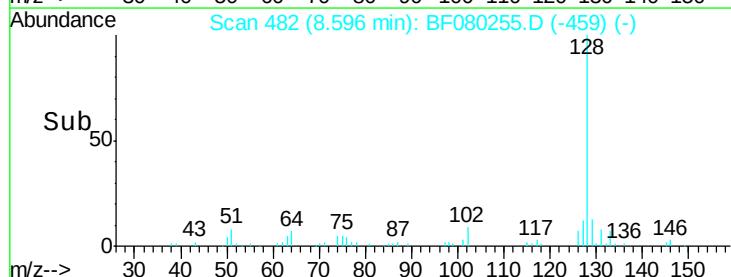
127 12.5 9.9 14.9

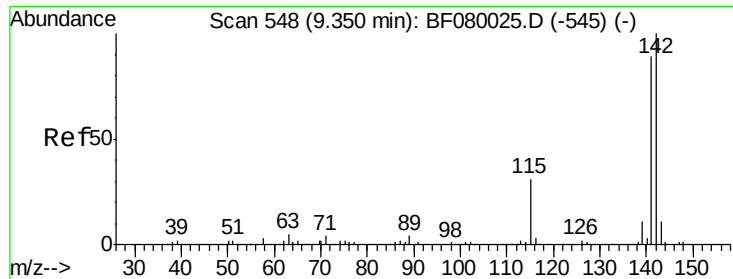


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

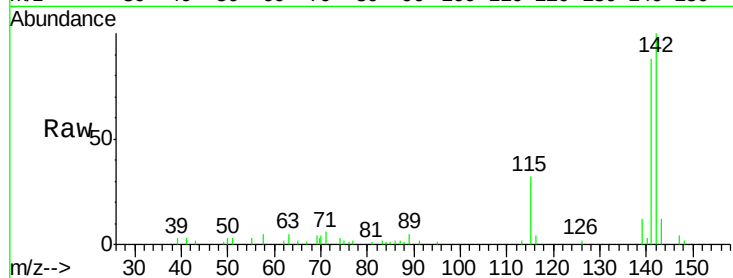




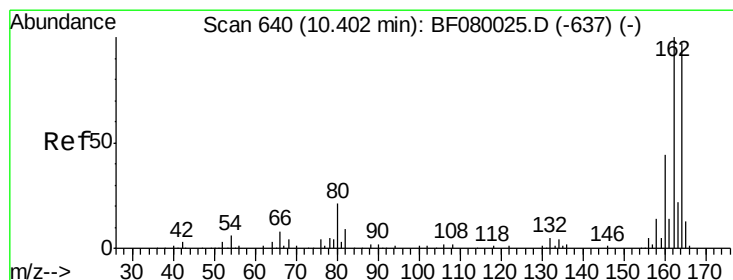
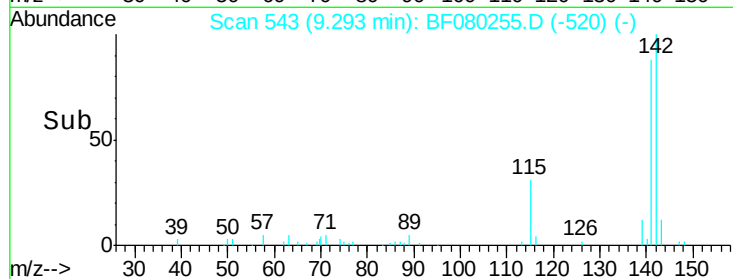
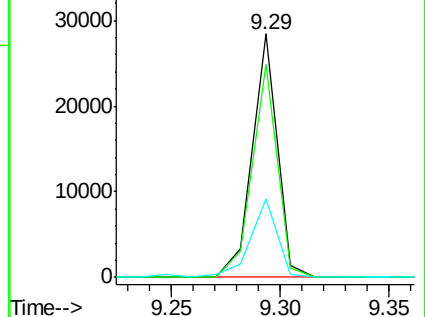
#37
2-Methylnaphthalene
Concen: 4.98 ng
RT: 9.29 min Scan# 543
Delta R.T. -0.03 min
Lab File: BF080255.D
Acq: 1 Jul 2015 2:15

Instrument :
BNA_F
ClientSampleId :
SIDEWALLWEST(9FT)-062915

Tgt Ion:142 Resp: 22789
Ion Ratio Lower Upper
142 100
141 87.6 67.5 101.3
115 32.2 18.2 27.2#

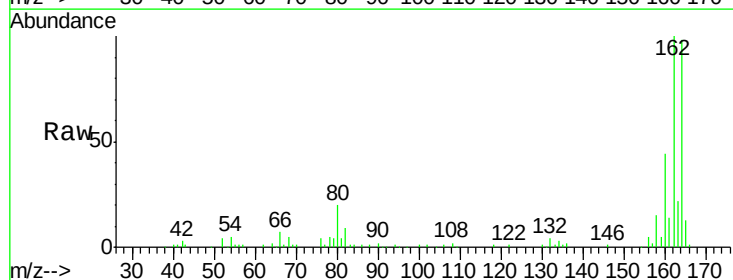


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

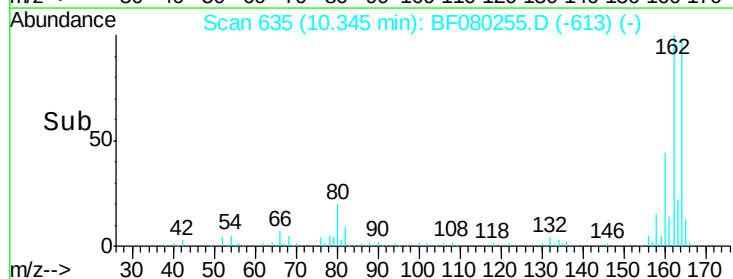
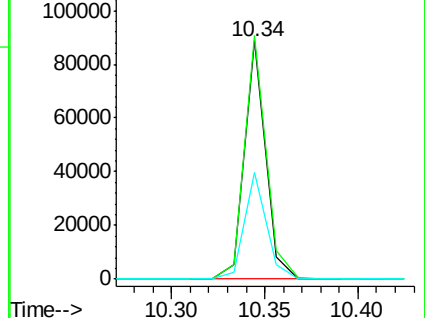


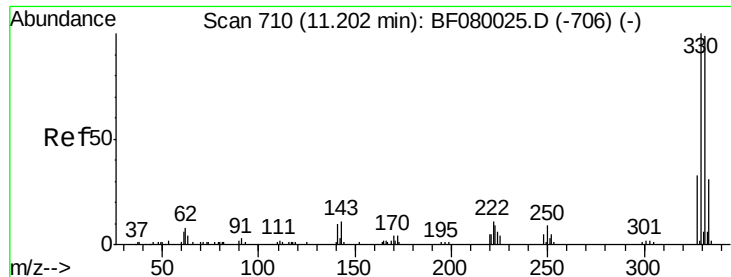
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.34 min Scan# 635
Delta R.T. -0.05 min
Lab File: BF080255.D
Acq: 1 Jul 2015 2:15

Tgt Ion:164 Resp: 70572
Ion Ratio Lower Upper
164 100
162 102.1 75.2 112.8
160 44.9 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

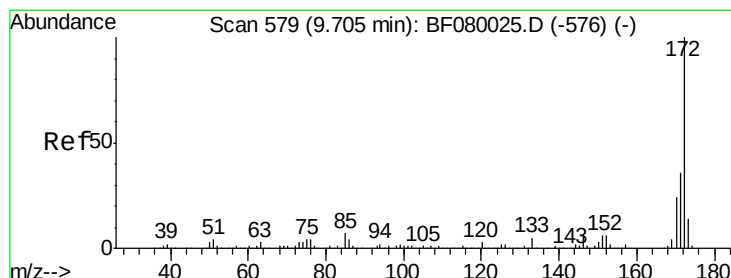
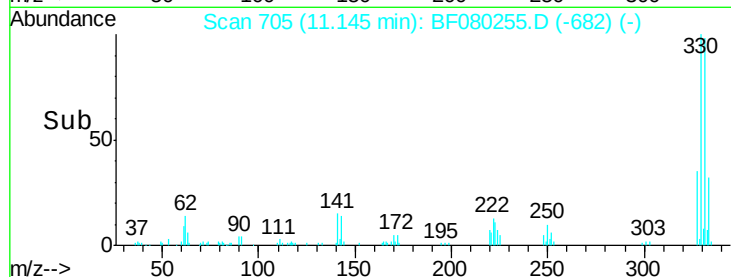
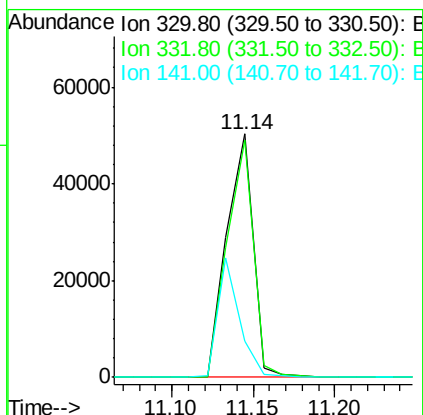
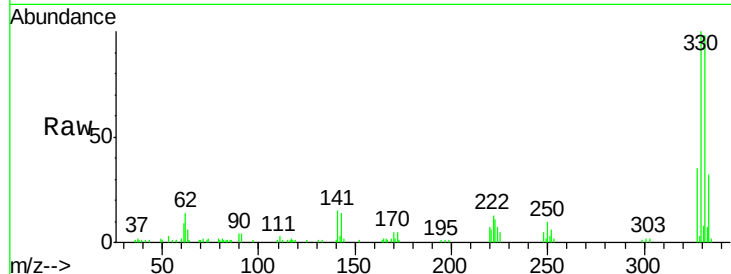




#41
 2,4,6-Tribromophenol
 Concen: 81.67 ng
 RT: 11.14 min Scan# 705
 Delta R.T. -0.03 min
 Lab File: BF080255.D
 Acq: 1 Jul 2015 2:15

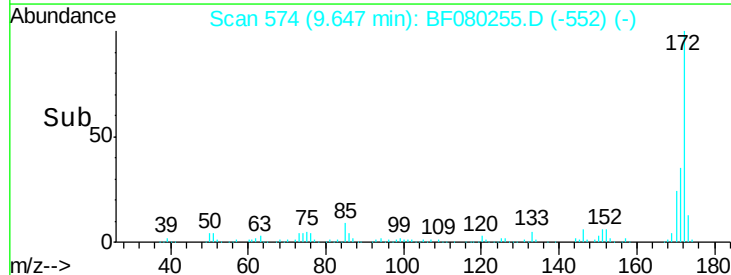
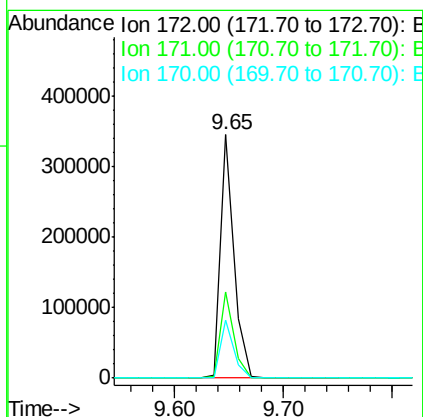
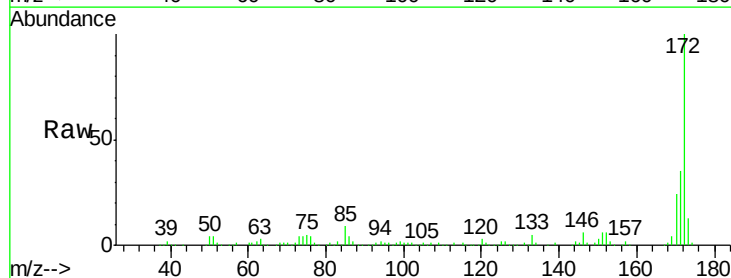
Instrument :
 BNA_F
 ClientSampleId :
 SIDEWALLWEST(9FT)-062915

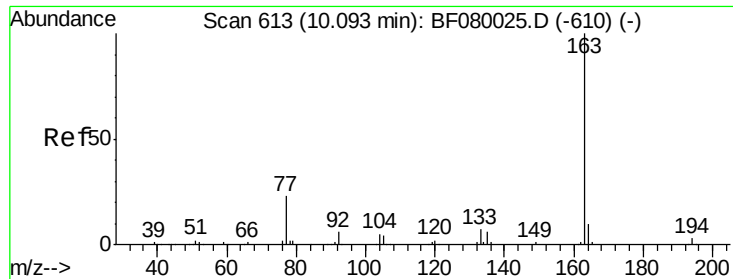
Tgt Ion:330 Resp: 56356
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 114.8
 141 41.0 29.7 44.5



#44
 2-Fluorobiphenyl
 Concen: 60.85 ng
 RT: 9.65 min Scan# 574
 Delta R.T. -0.05 min
 Lab File: BF080255.D
 Acq: 1 Jul 2015 2:15

Tgt Ion:172 Resp: 301132
 Ion Ratio Lower Upper
 172 100
 171 35.2 26.1 39.1
 170 23.6 17.4 26.2

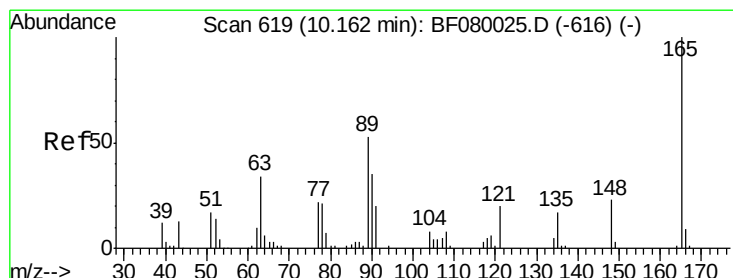
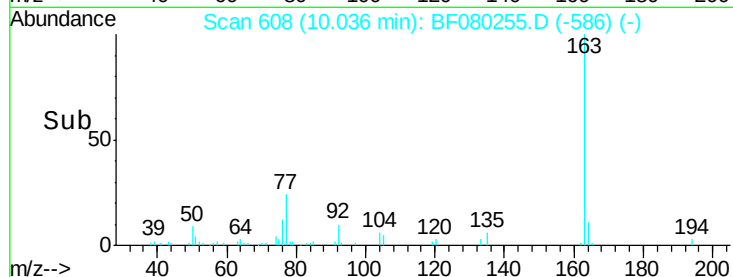
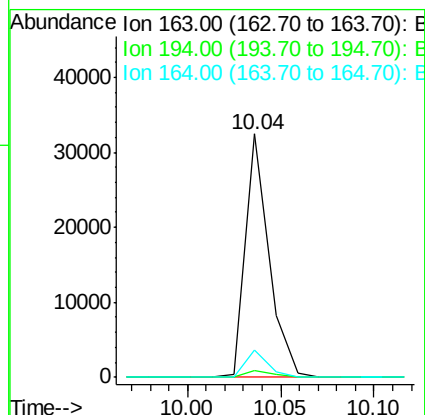
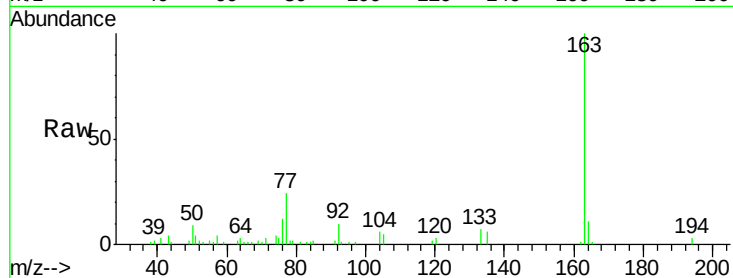




#49
Dimethylphthalate
Concen: 5.38 ng
RT: 10.04 min Scan# 608
Delta R.T. -0.05 min
Lab File: BF080255.D
Acq: 1 Jul 2015 2:15

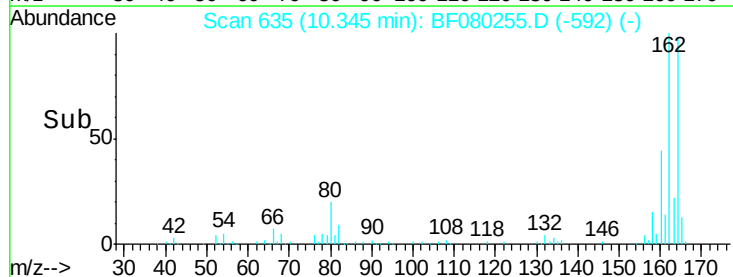
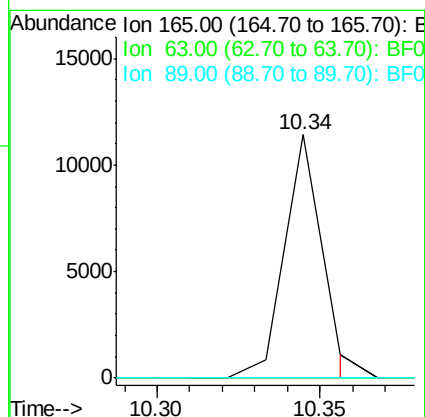
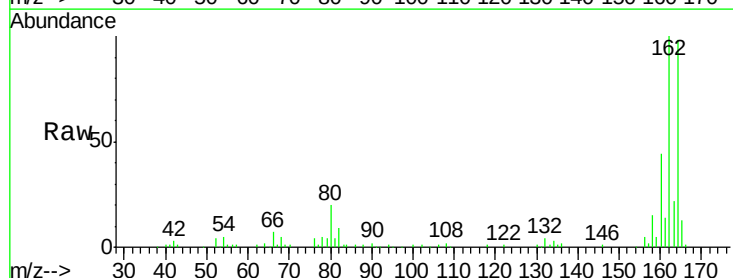
Instrument :
BNA_F
ClientSampleId :
SIDEWALLWEST(9FT)-062915

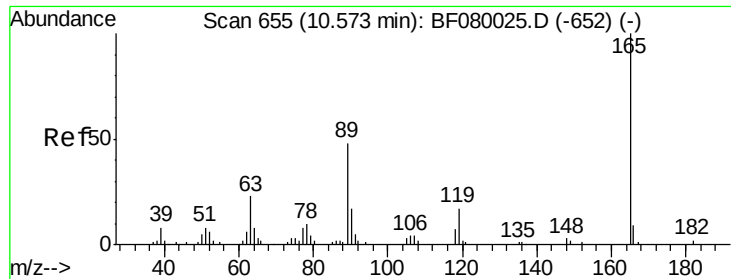
Tgt Ion:163 Resp: 28566
Ion Ratio Lower Upper
163 100
194 2.9 4.4 6.6#
164 11.3 8.3 12.5



#50
2,6-Dinitrotoluene
Concen: 8.63 ng
RT: 10.34 min Scan# 635
Delta R.T. 0.19 min
Lab File: BF080255.D
Acq: 1 Jul 2015 2:15

Tgt Ion:165 Resp: 9179
Ion Ratio Lower Upper
165 100
63 0.0 32.3 48.5#
89 0.0 28.6 43.0#

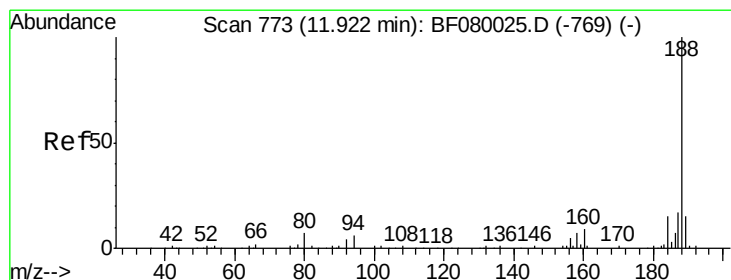
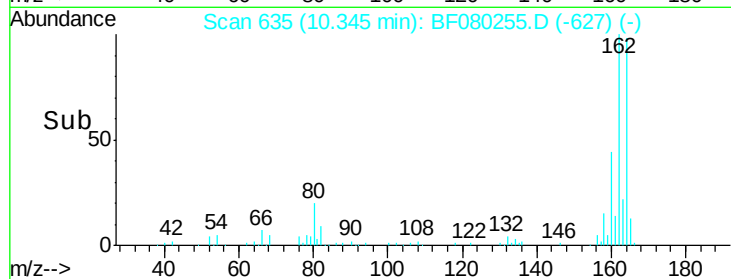
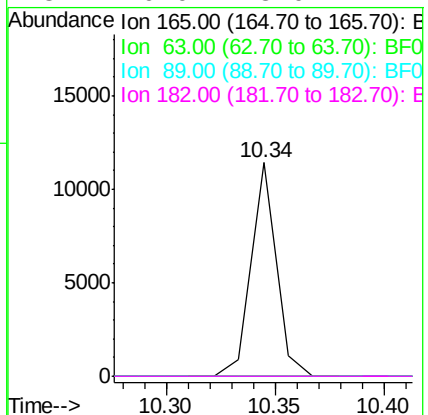
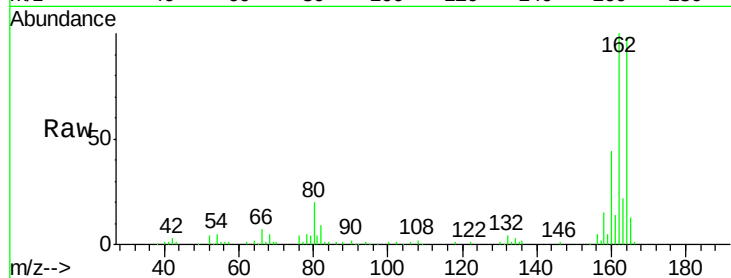




#56
2,4-Dinitrotoluene
Concen: 6.80 ng
RT: 10.34 min Scan# 635
Delta R.T. -0.21 min
Lab File: BF080255.D
Acq: 1 Jul 2015 2:15

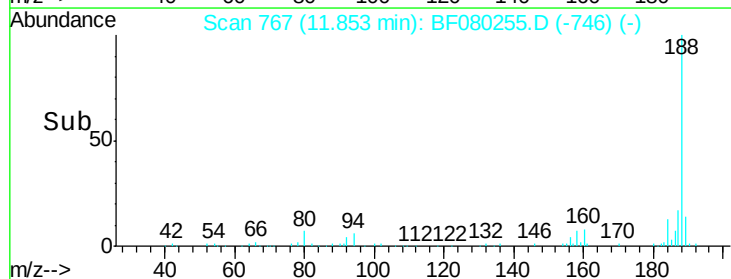
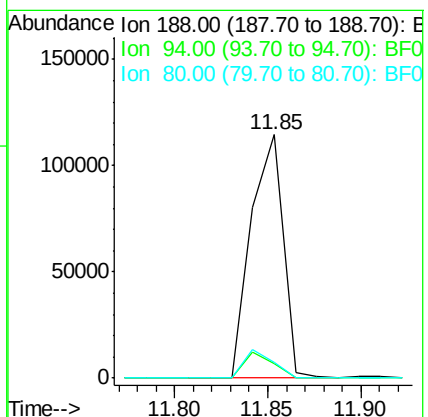
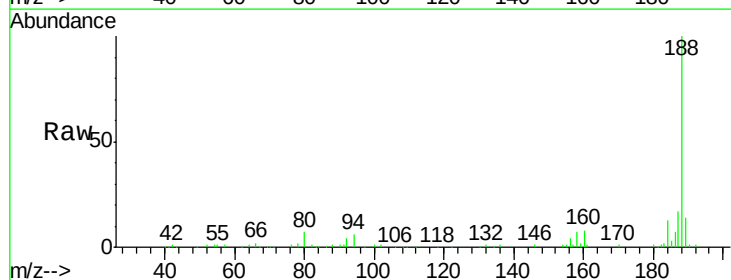
Instrument :
BNA_F
ClientSampleId :
SIDEWALLWEST(9FT)-062915

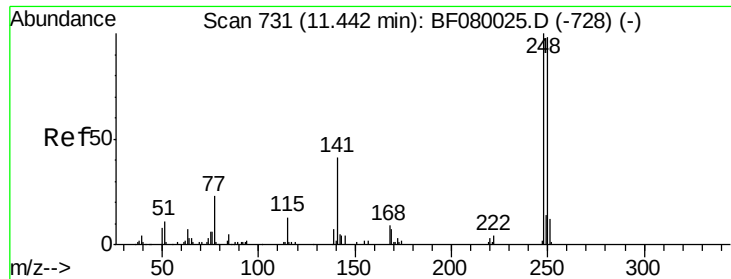
Tgt Ion:	165	Resp:	9180
Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.85 min Scan# 767
Delta R.T. -0.06 min
Lab File: BF080255.D
Acq: 1 Jul 2015 2:15

Tgt Ion:	188	Resp:	135869
Ion	Ratio	Lower	Upper
188	100		
94	6.0	11.1	16.7#
80	6.7	11.0	16.4#

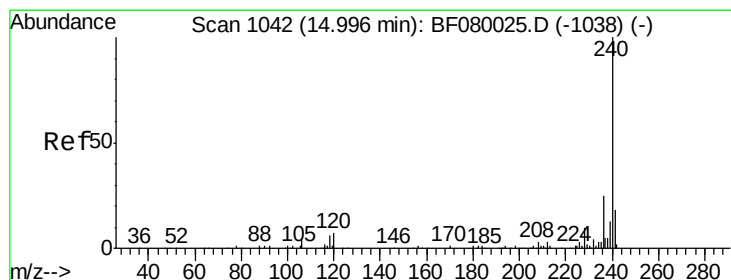
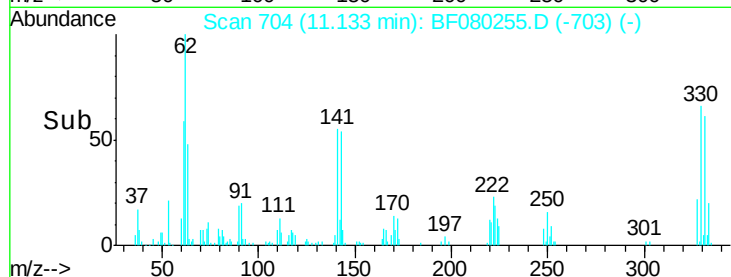
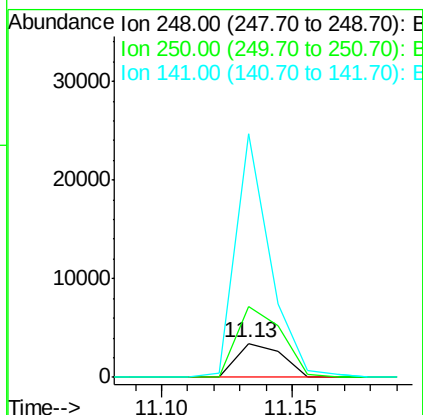
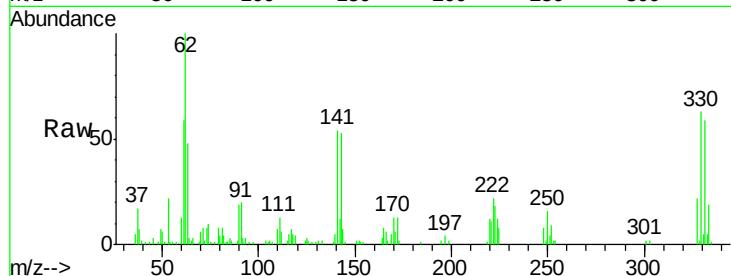




#66
 4-Bromophenyl-phenylether
 Concen: 2.93 ng
 RT: 11.13 min Scan# 704
 Delta R.T. -0.29 min
 Lab File: BF080255.D
 Acq: 1 Jul 2015 2:15

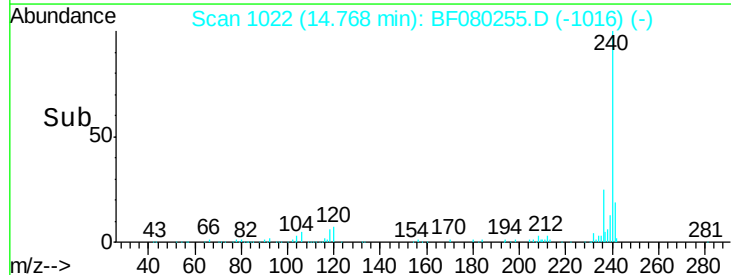
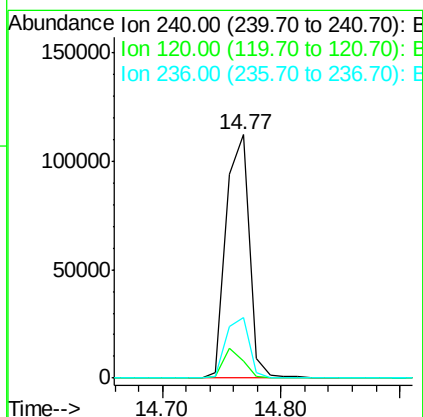
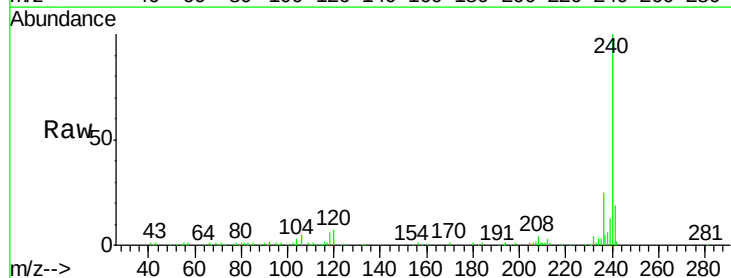
Instrument :
 BNA_F
 ClientSampleId :
 SIDEWALLWEST(9FT)-062915

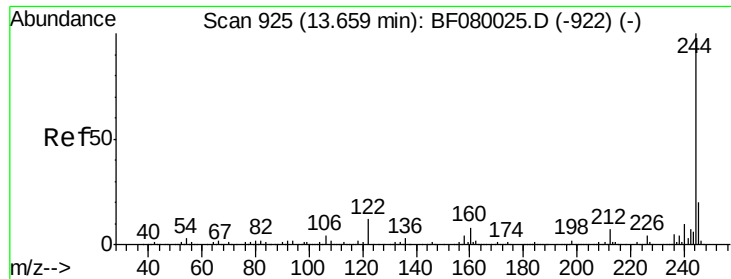
Tgt Ion:248 Resp: 4234
 Ion Ratio Lower Upper
 248 100
 250 207.4 78.5 117.7#
 141 710.0 59.0 88.6#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.77 min Scan# 1022
 Delta R.T. -0.23 min
 Lab File: BF080255.D
 Acq: 1 Jul 2015 2:15

Tgt Ion:240 Resp: 151674
 Ion Ratio Lower Upper
 240 100
 120 7.3 16.2 24.2#
 236 25.0 18.4 27.6

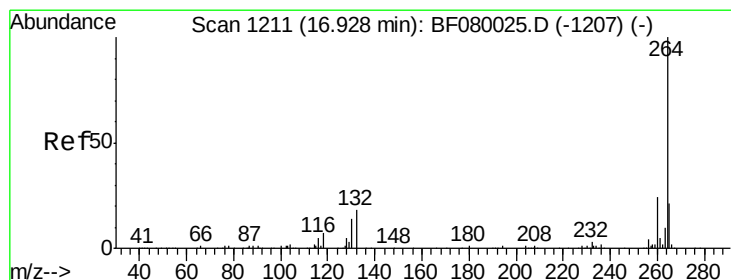
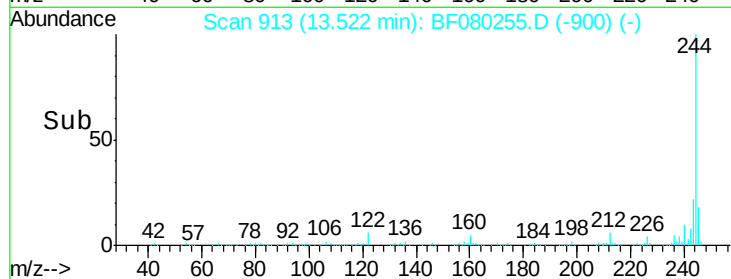
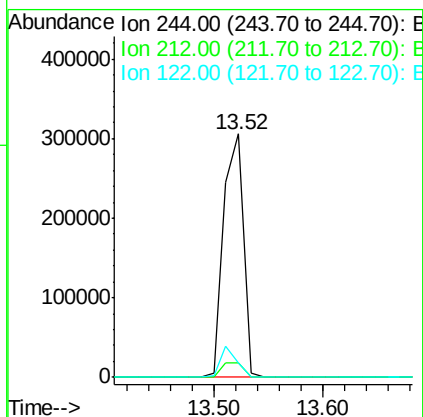
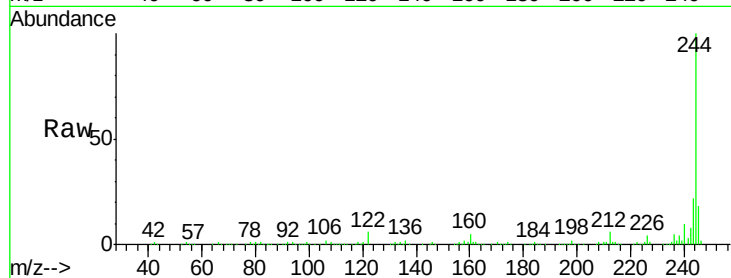




#78
 Terphenyl-d14
 Concen: 59.68 ng
 RT: 13.52 min Scan# 913
 Delta R.T. -0.15 min
 Lab File: BF080255.D
 Acq: 1 Jul 2015 2:15

Instrument :
 BNA_F
 ClientSampleId :
 SIDEWALLWEST(9FT)-062915

Tgt Ion:244 Resp: 387583
 Ion Ratio Lower Upper
 244 100
 212 6.1 4.3 6.5
 122 6.0 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.60 min Scan# 1182
 Delta R.T. -0.33 min
 Lab File: BF080255.D
 Acq: 1 Jul 2015 2:15

Tgt Ion:264 Resp: 146507
 Ion Ratio Lower Upper
 264 100
 260 23.1 16.7 25.1
 265 20.8 17.2 25.8

