

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 07:00:49 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

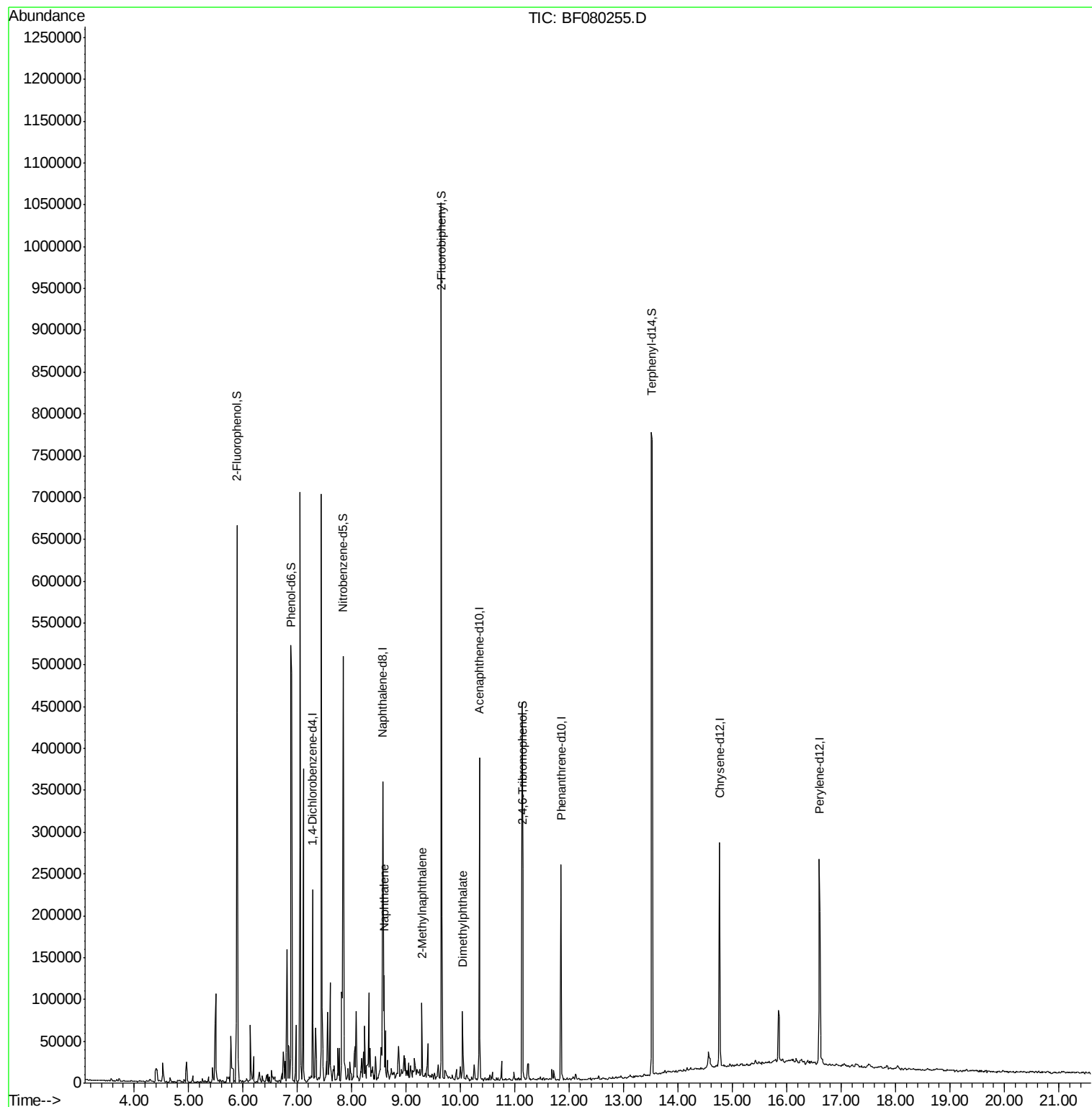
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	32990	20.00	ng	-0.05
21) Naphthalene-d8	8.57	136	135349	20.00	ng	-0.05
38) Acenaphthene-d10	10.34	164	70572	20.00	ng	-0.05
63) Phenanthrene-d10	11.85	188	135869	20.00	ng	-0.06
75) Chrysene-d12	14.77	240	151674	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						
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

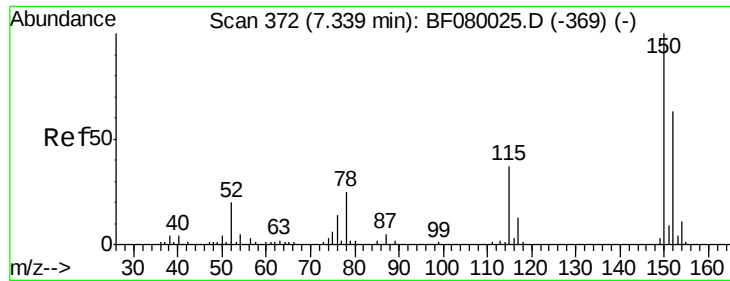
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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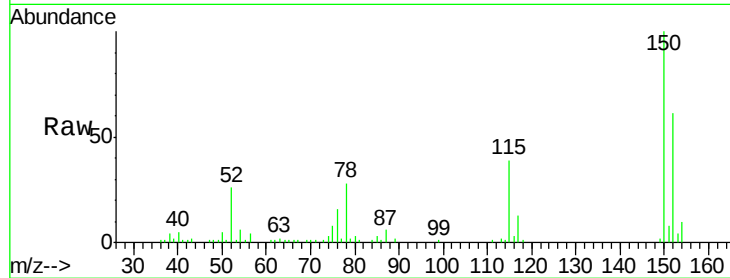


#1

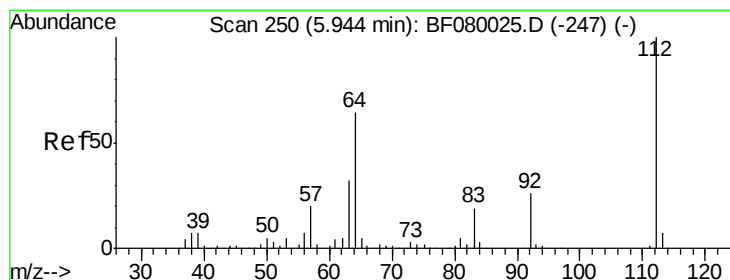
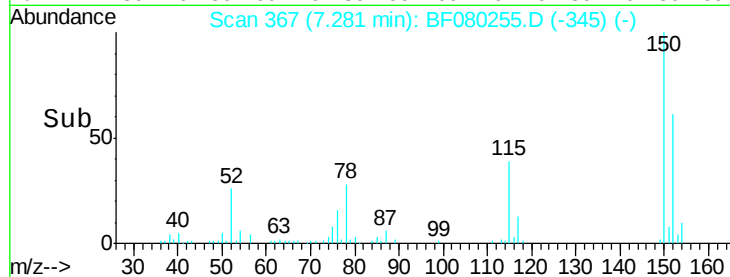
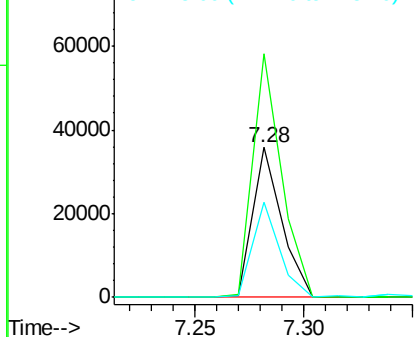
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.28 min Scan# 367
 Delta R.T. -0.05 min
 Lab File: BF080255.D
 Acq: 1 Jul 2015 2:15

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#



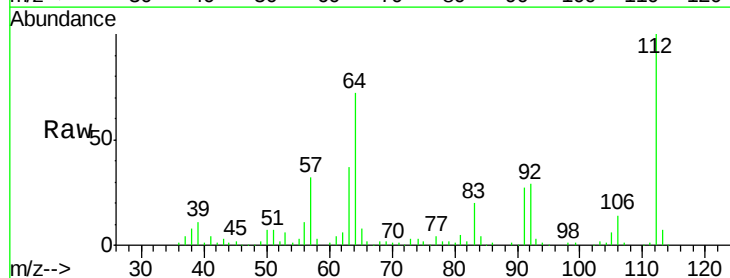
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



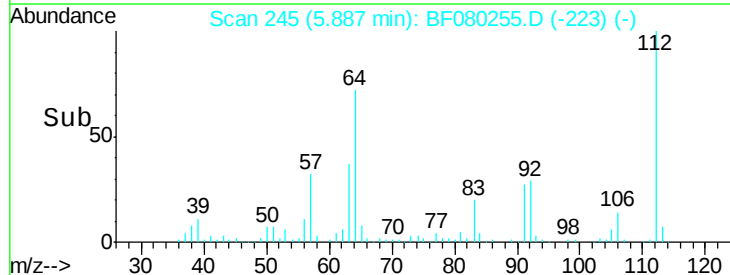
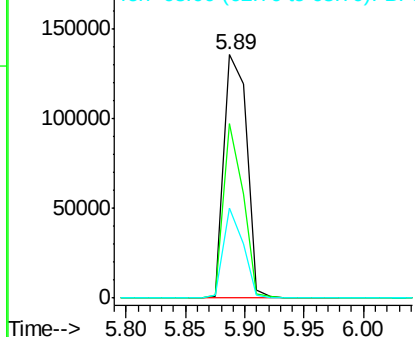
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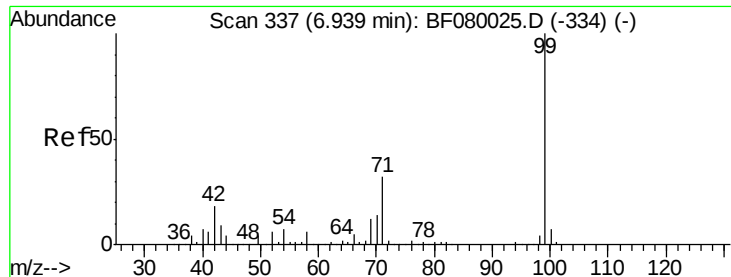
2-Fluorophenol
 Concen: 96.81 ng
 RT: 5.89 min Scan# 245
 Delta R.T. -0.05 min
 Lab File: BF080255.D
 Acq: 1 Jul 2015 2:15

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

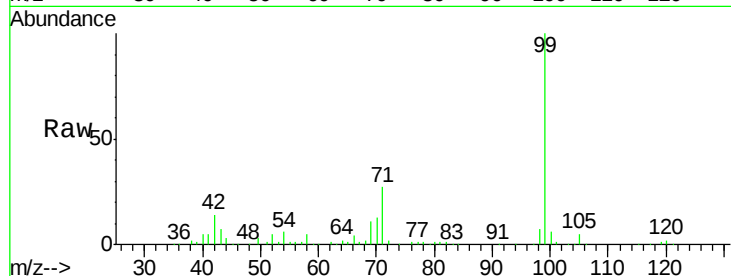
Tgt Ion: 99 Resp: 238049

Ion Ratio Lower Upper

99 100

42 13.7 13.7 20.5

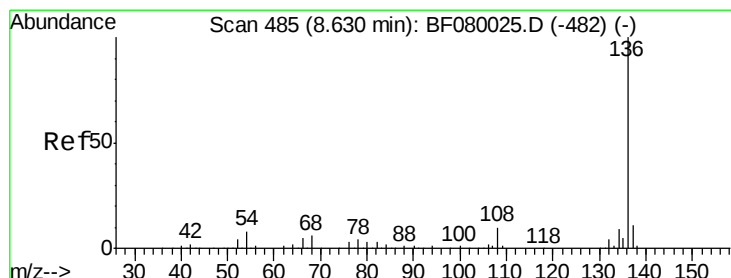
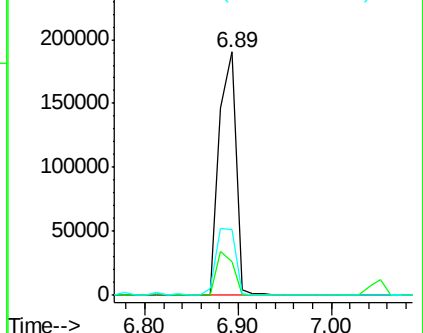
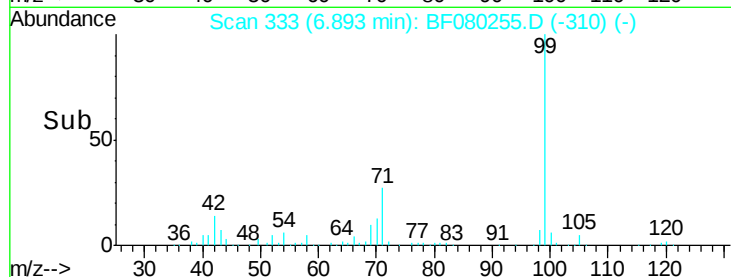
71 27.0 14.2 21.2#



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



#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

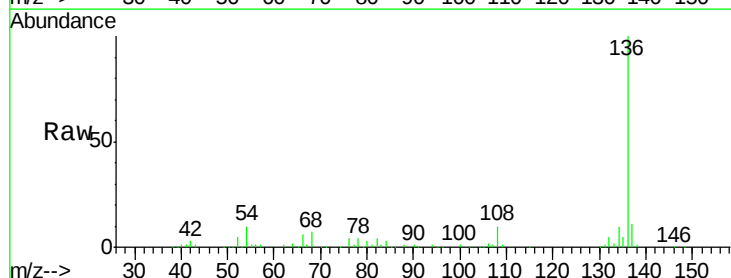
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 9.6 8.2 12.2

68 6.8 5.8 8.6

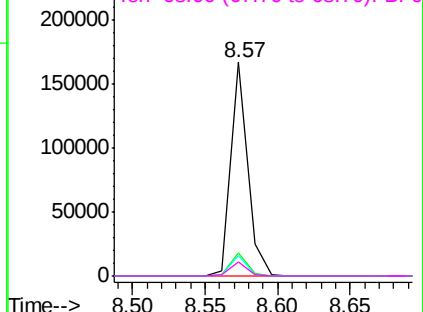
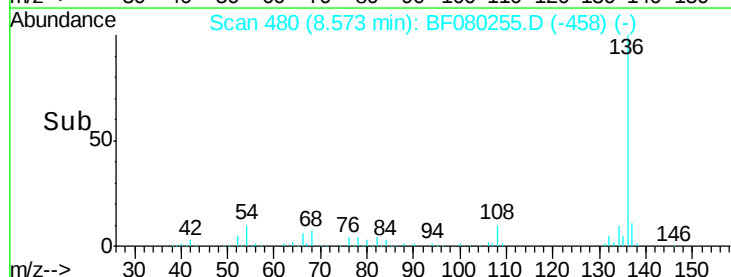


Abundance Ion 136.00 (135.70 to 136.70): E

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

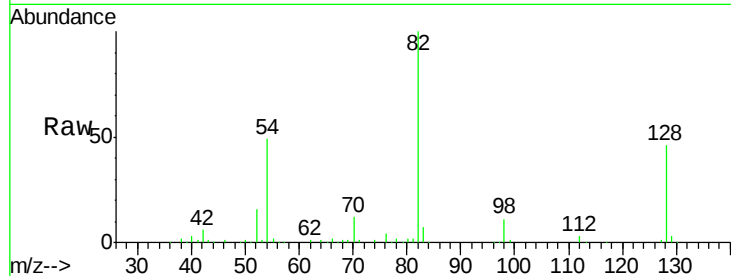




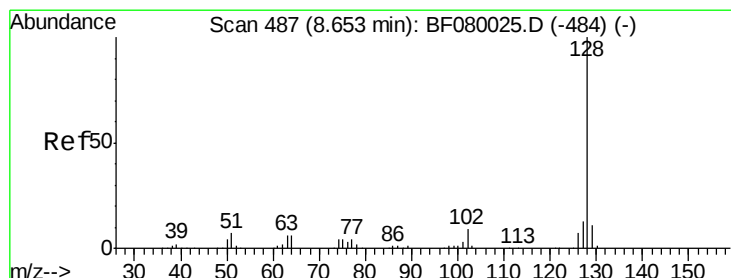
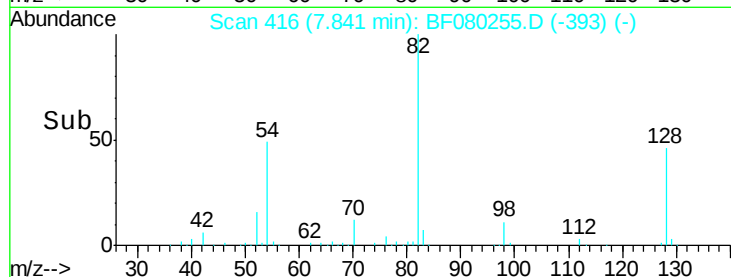
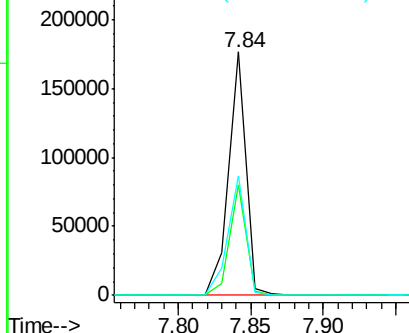
#23
 Nitrobenzene-d5
 Concen: 63.32 ng
 RT: 7.84 min Scan# 416
 Delta R.T. -0.03 min
 Lab File: BF080255.D
 Acq: 1 Jul 2015 2:15

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

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

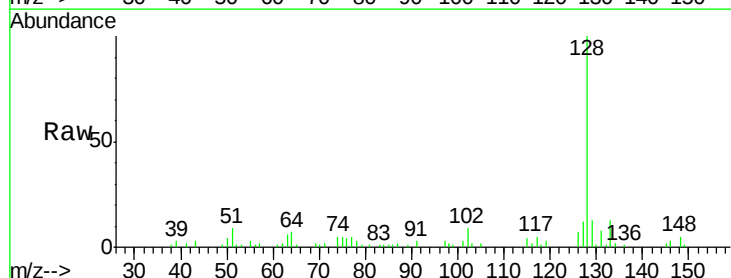


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

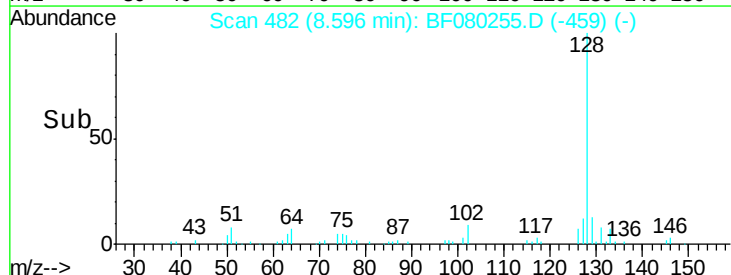
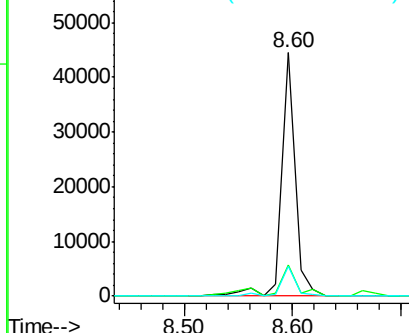


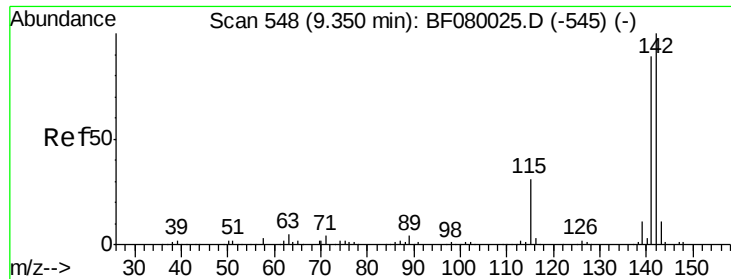
#31
 Naphthalene
 Concen: 5.38 ng
 RT: 8.60 min Scan# 482
 Delta R.T. -0.03 min
 Lab File: BF080255.D
 Acq: 1 Jul 2015 2:15

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

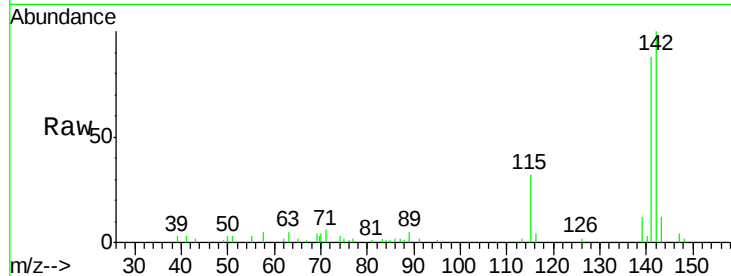




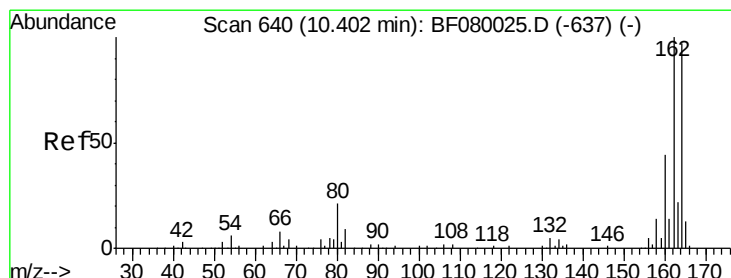
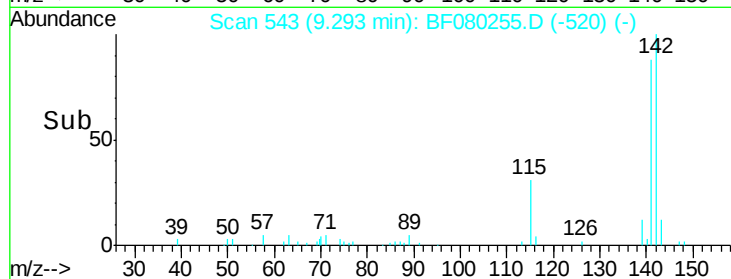
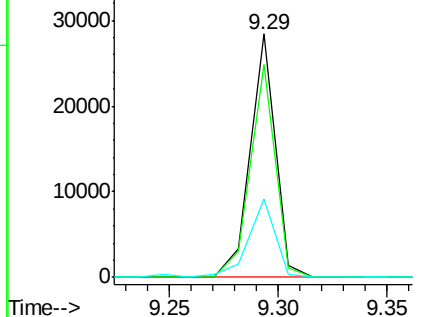
#37
 2-Methylnaphthalene
 Concen: 4.98 ng
 RT: 9.29 min Scan# 543
 Delta R.T. -0.03 min
 Lab File: BF080255.D
 Acq: 1 Jul 2015 2:15

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#

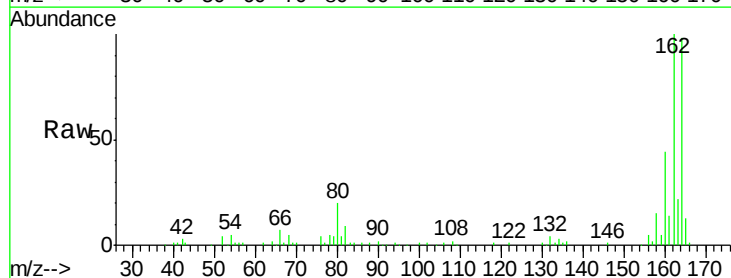


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

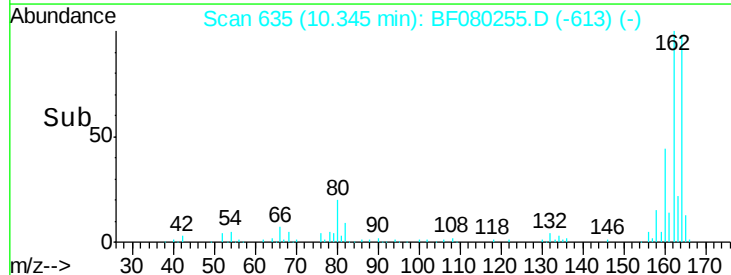
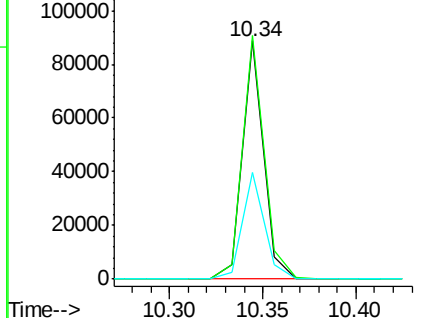


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.34 min Scan# 635
 Delta R.T. -0.05 min
 Lab File: BF080255.D
 Acq: 1 Jul 2015 2:15

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

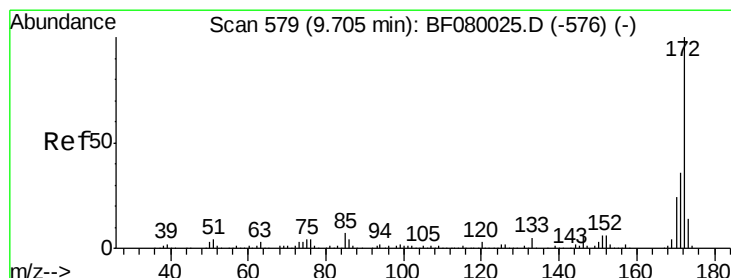
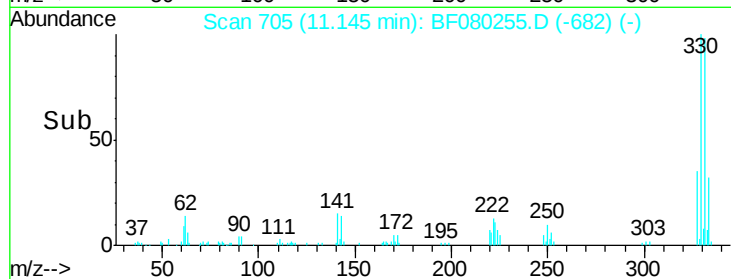
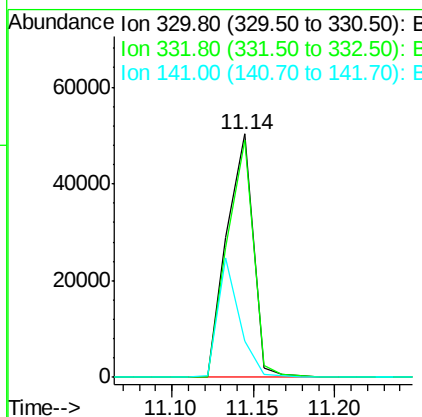
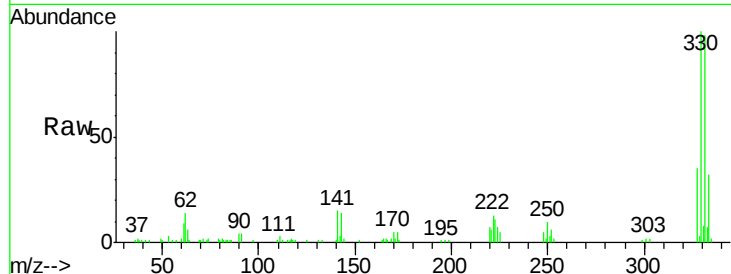




#41
 2,4,6-Tribromophenol
 Concen: 81.67 ng
 RT: 11.14 min Scan# 705
 Delta R.T. -0.03 min
 Lab File: BF080255.D
 Acq: 1 Jul 2015 2:15

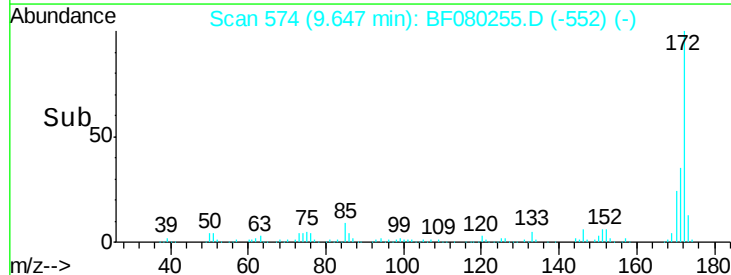
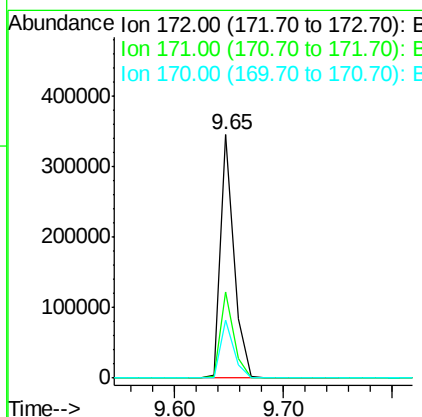
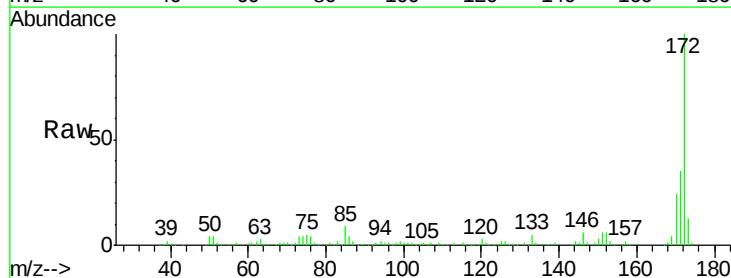
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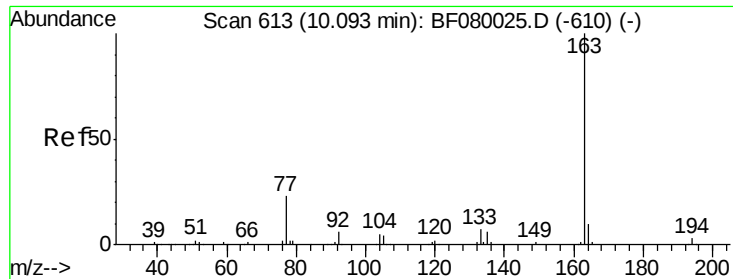
Tgt Ion:330 Resp: 56356
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 114.8
 141 41.0 29.7 44.5



#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

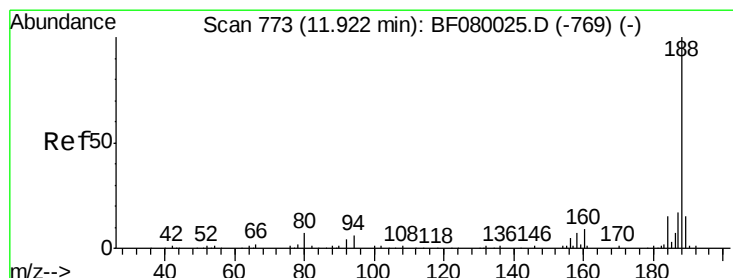
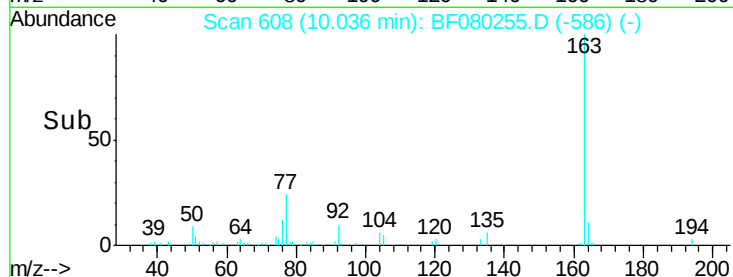
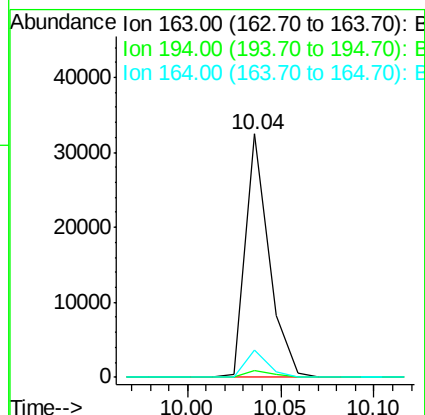
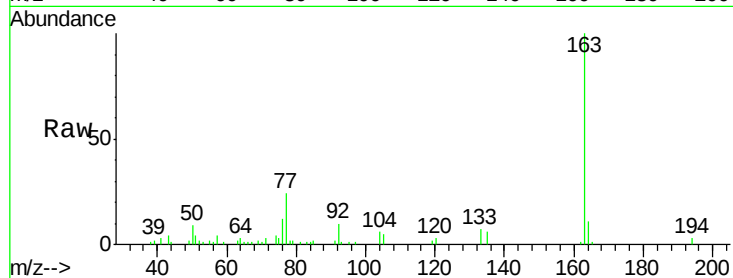




#49
Dimethylphthalate
Concen: 5.38 ng
RT: 10.04 min Scan# 608
Delta R.T. -0.05 min
Lab File: BF080255.D
Acq: 1 Jul 2015 2:15

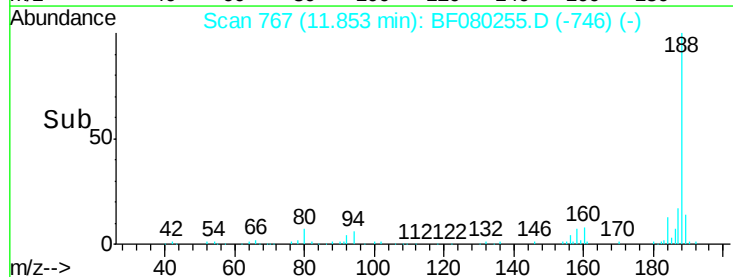
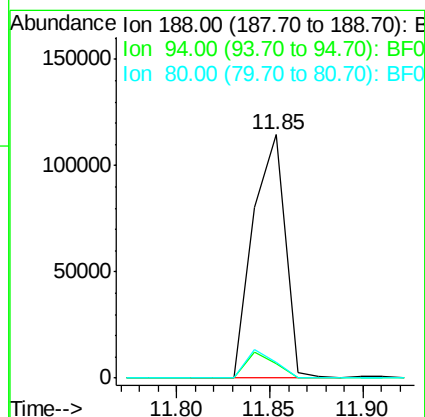
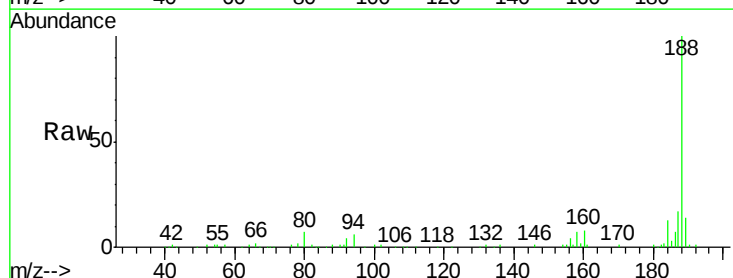
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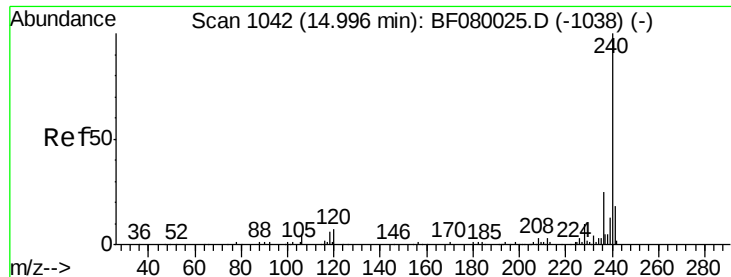
Tgt Ion:163 Resp: 28566
Ion Ratio Lower Upper
163 100
194 2.9 4.4 6.6#
164 11.3 8.3 12.5



#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#





#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

Instrument :

BNA_F

ClientSampleId :

SIDEWALLWEST(9FT)-062915

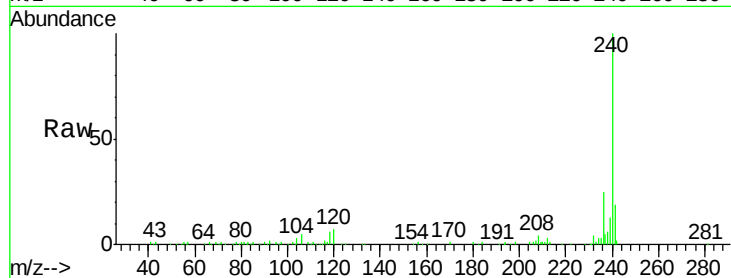
Tgt Ion:240 Resp: 151674

Ion Ratio Lower Upper

240 100

120 7.3 16.2 24.2#

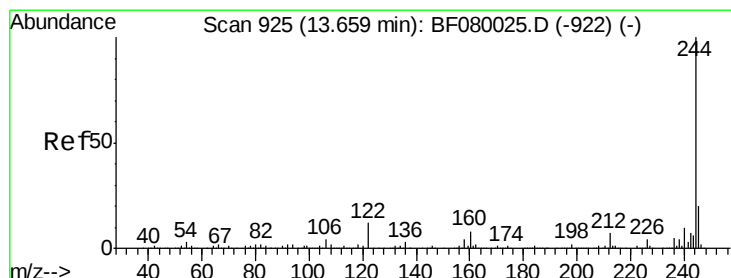
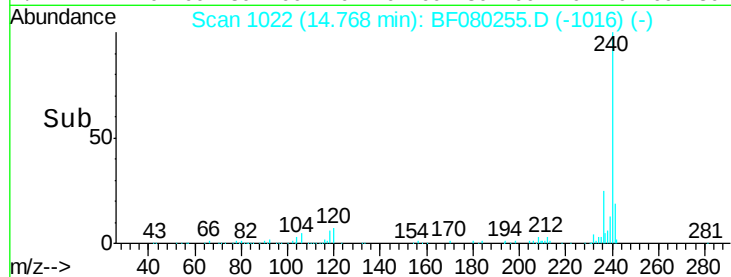
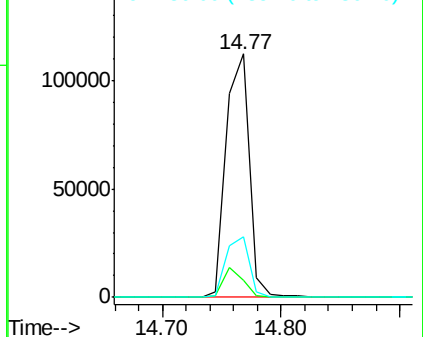
236 25.0 18.4 27.6



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: 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

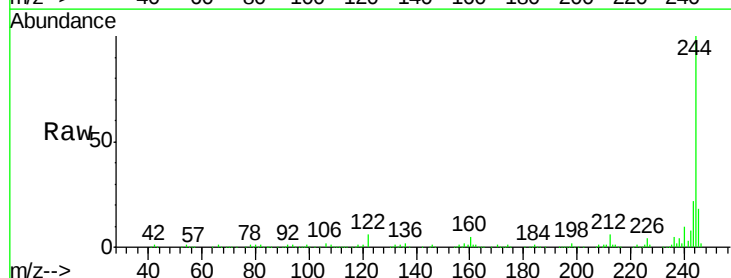
Tgt Ion:244 Resp: 387583

Ion Ratio Lower Upper

244 100

212 6.1 4.3 6.5

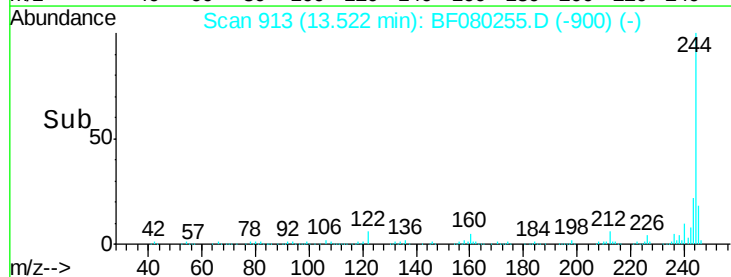
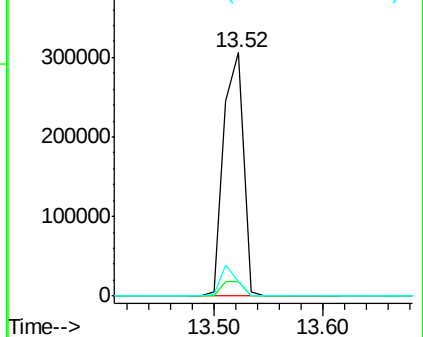
122 6.0 17.4 26.2#

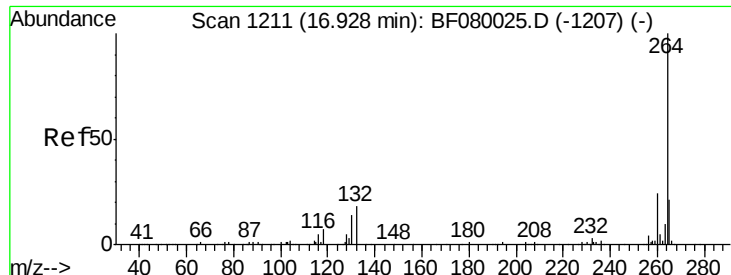


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

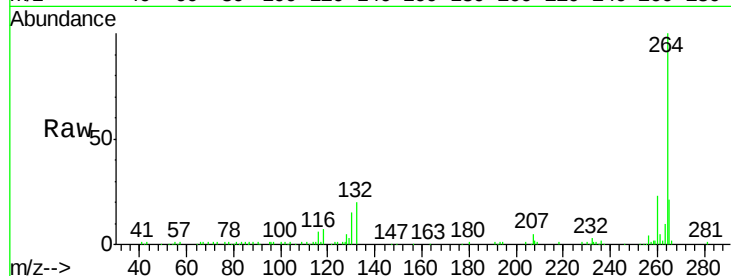




#86
Perylene-d12
Concen: 20.00 ng
RT: 16.60 min Scan# 1182
Delta R.T. -0.33 min
Lab File: BF080255.D
Acq: 1 Jul 2015 2:15

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

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



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

