

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070916\
 Data File : BF088877.D
 Acq On : 9 Jul 2016 18:06
 Operator : UM/SJ
 Sample : H3813-10 25X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS001-0006-01

Quant Time: Jul 11 04:35:31 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 18:51:20 2016
 Response via : Initial Calibration

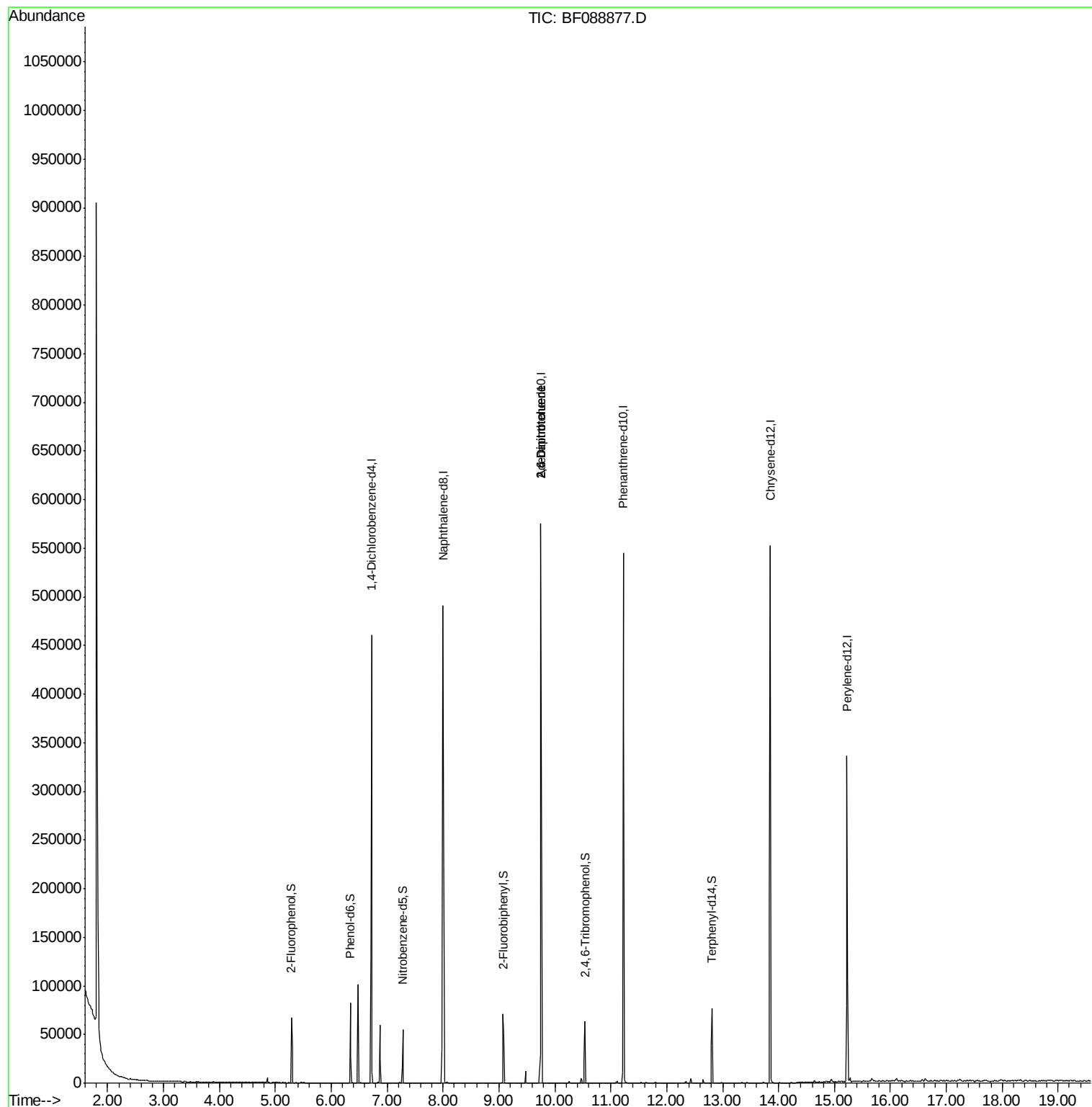
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	70774	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	258815	20.00	ng	-0.02
38) Acenaphthene-d10	9.75	164	128581	20.00	ng	-0.02
63) Phenanthrene-d10	11.22	188	255134	20.00	ng	-0.02
75) Chrysene-d12	13.85	240	192154	20.00	ng	-0.02
86) Perylene-d12	15.22	264	137477	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	22216	4.70	ng	-0.03
7) Phenol-d6	6.34	99	29997	4.92	ng	-0.03
23) Nitrobenzene-d5	7.28	82	18857	3.82	ng	-0.02
41) 2,4,6-Tribromophenol	10.54	330	5748	4.81	ng	-0.02
44) 2-Fluorobiphenyl	9.07	172	32852	4.04	ng	-0.02
78) Terphenyl-d14	12.81	244	30529	3.54	ng	-0.01
Target Compounds						
50) 2,6-Dinitrotoluene	9.75	165	16205	7.98	ng	# 37
56) 2,4-Dinitrotoluene	9.75	165	16205	6.10	ng	# 36

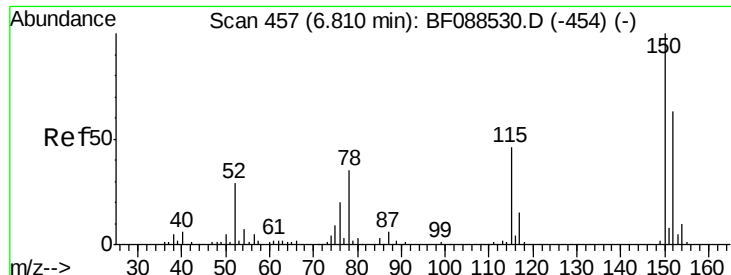
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.72 min Scan# 449

Delta R.T. -0.01 min

Lab File: BF088877.D

Acq: 9 Jul 2016 18:06

Instrument :

BNA_F

ClientSampleId :

P001-SS001-0006-01

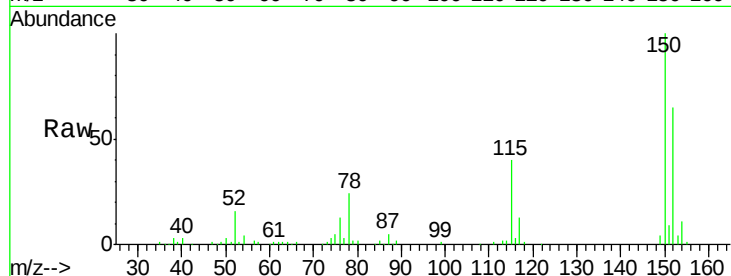
Tgt Ion:152 Resp: 70774

Ion Ratio Lower Upper

152 100

150 153.2 123.8 185.6

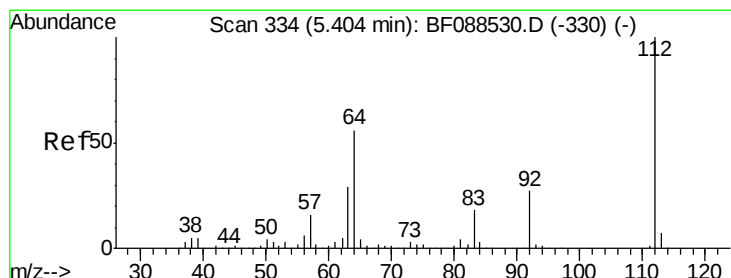
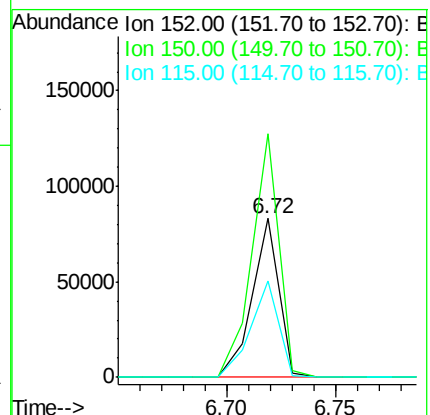
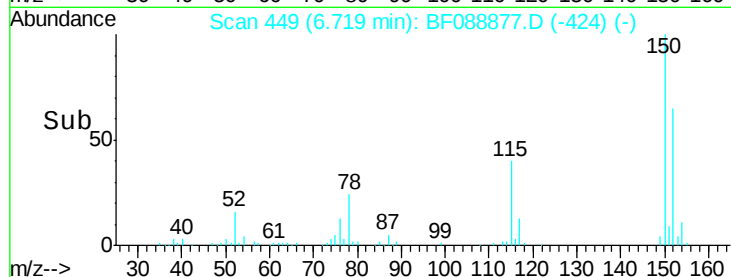
115 60.8 39.6 59.4#



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: 4.70 ng

RT: 5.29 min Scan# 324

Delta R.T. -0.03 min

Lab File: BF088877.D

Acq: 9 Jul 2016 18:06

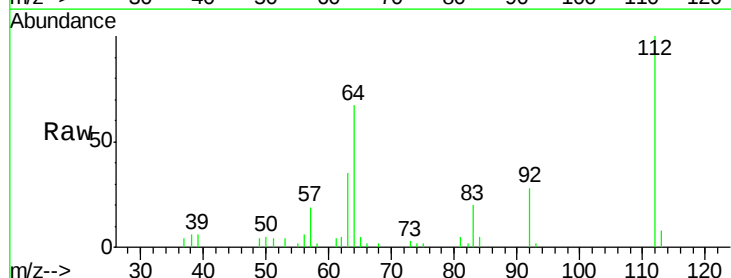
Tgt Ion:112 Resp: 22216

Ion Ratio Lower Upper

112 100

64 67.0 42.2 63.2#

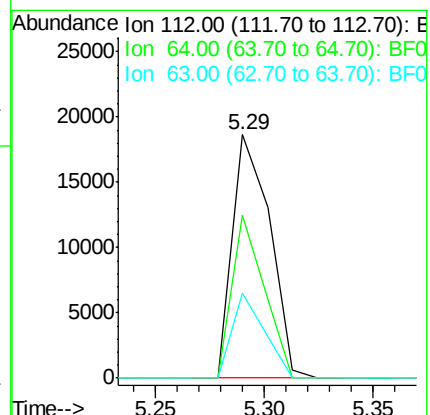
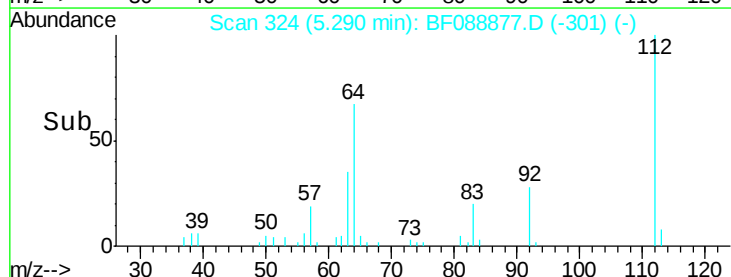
63 34.9 21.8 32.8#

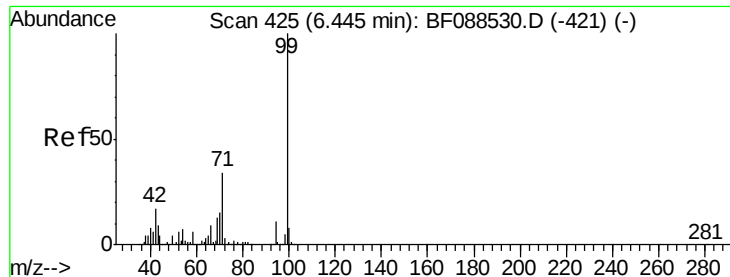


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 4.92 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.03 min

Lab File: BF088877.D

Acq: 9 Jul 2016 18:06

Instrument :

BNA_F

ClientSampleId :

P001-SS001-0006-01

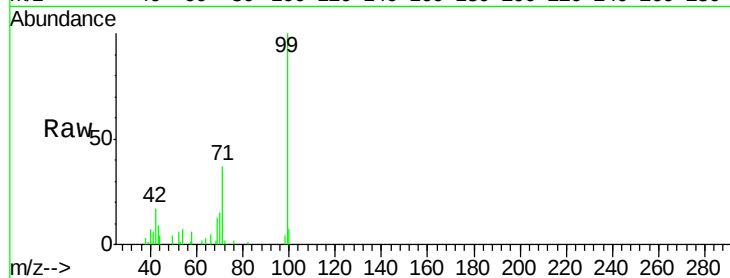
Tgt Ion: 99 Resp: 29997

Ion Ratio Lower Upper

99 100

42 17.4 12.2 18.2

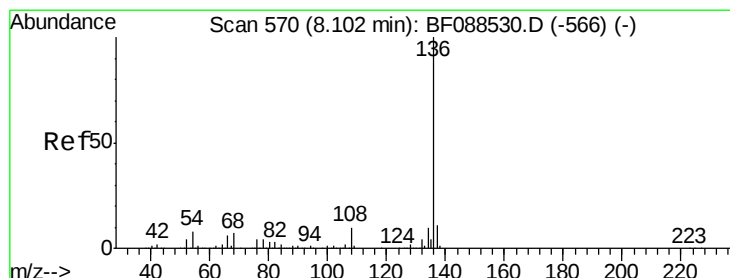
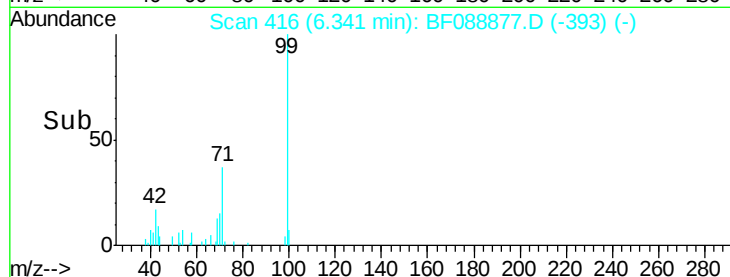
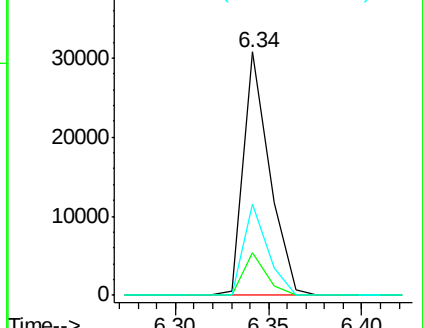
71 37.5 23.4 35.0#



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: 8.00 min Scan# 561

Delta R.T. -0.02 min

Lab File: BF088877.D

Acq: 9 Jul 2016 18:06

Tgt Ion: 136 Resp: 258815

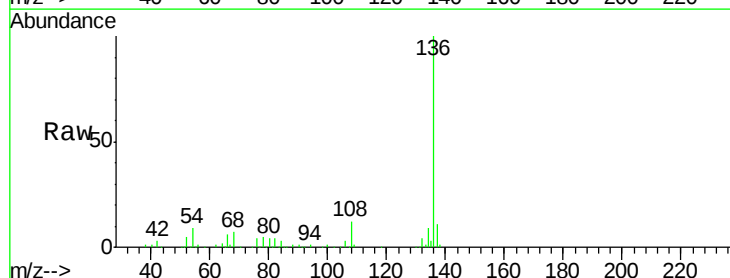
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 9.0 6.6 10.0

68 7.0 5.1 7.7

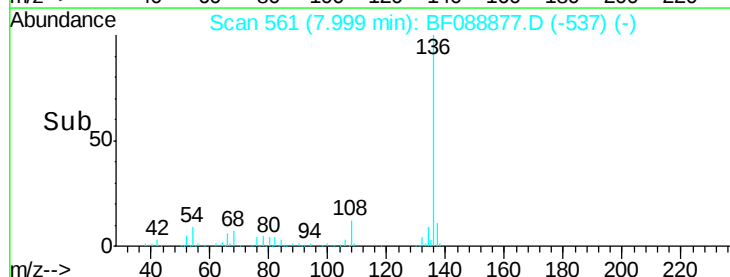
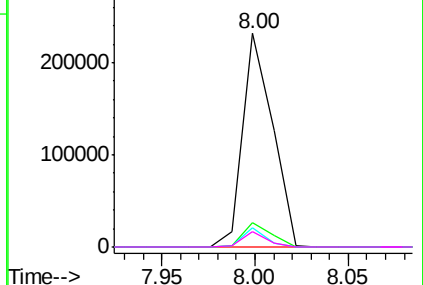


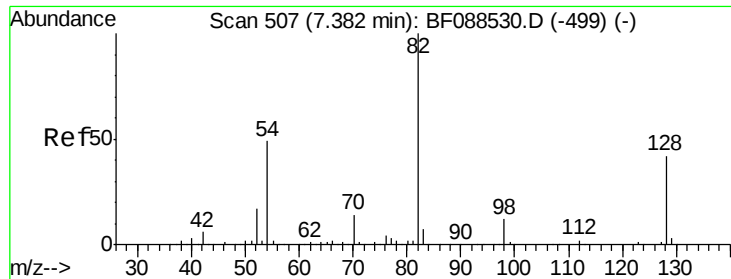
Abundance Ion 136.00 (135.70 to 136.70): E

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

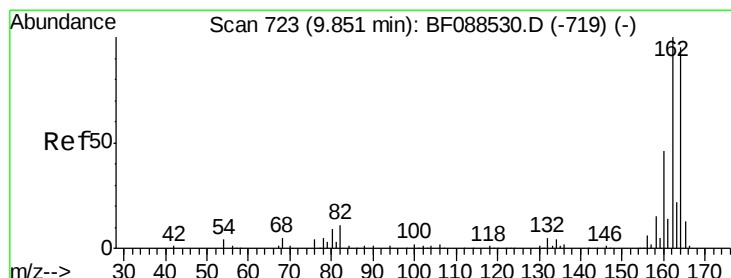
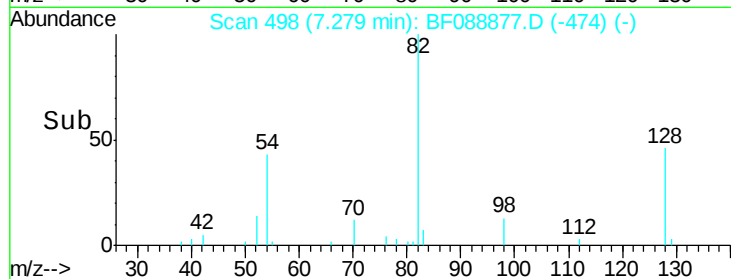
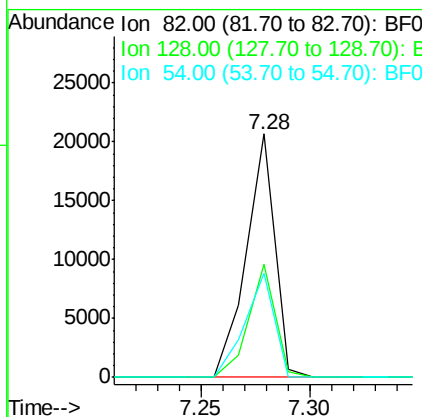
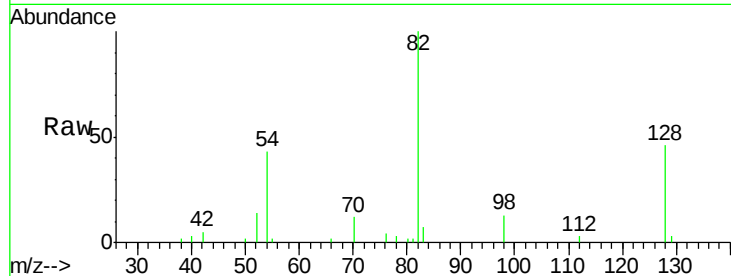




#23
 Nitrobenzene-d5
 Concen: 3.82 ng
 RT: 7.28 min Scan# 498
 Delta R.T. -0.02 min
 Lab File: BF088877.D
 Acq: 9 Jul 2016 18:06

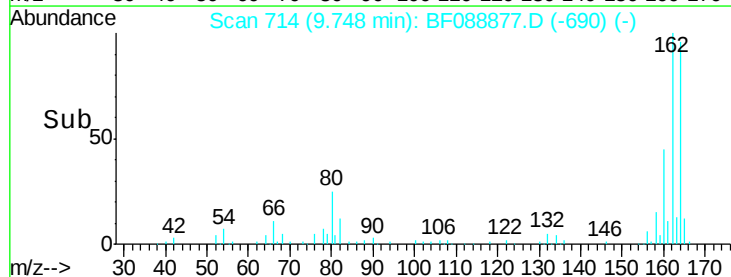
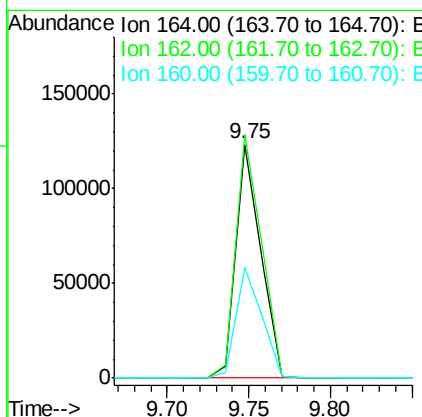
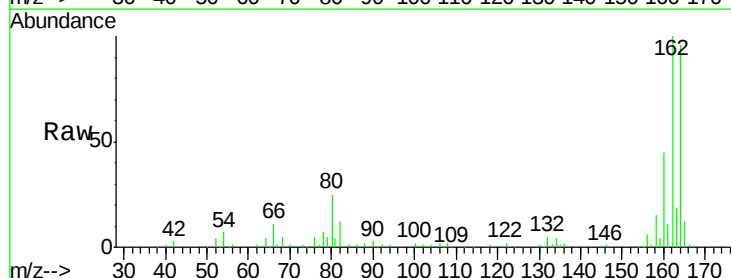
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS001-0006-01

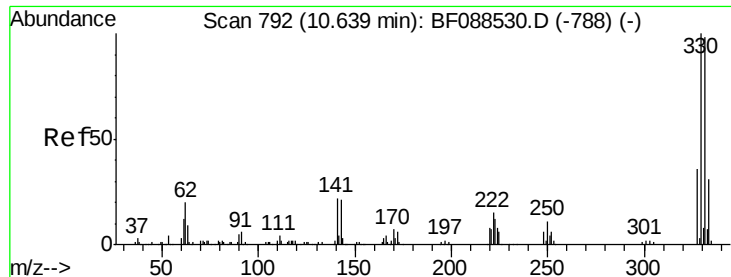
Tgt Ion: 82 Resp: 18857
 Ion Ratio Lower Upper
 82 100
 128 46.3 35.9 53.9
 54 42.7 40.9 61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.75 min Scan# 714
 Delta R.T. -0.02 min
 Lab File: BF088877.D
 Acq: 9 Jul 2016 18:06

Tgt Ion: 164 Resp: 128581
 Ion Ratio Lower Upper
 164 100
 162 104.1 85.4 128.2
 160 47.0 39.5 59.3

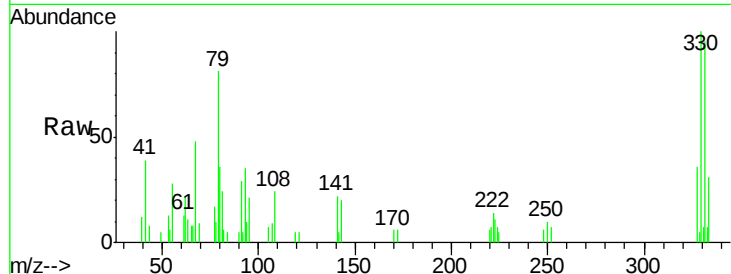




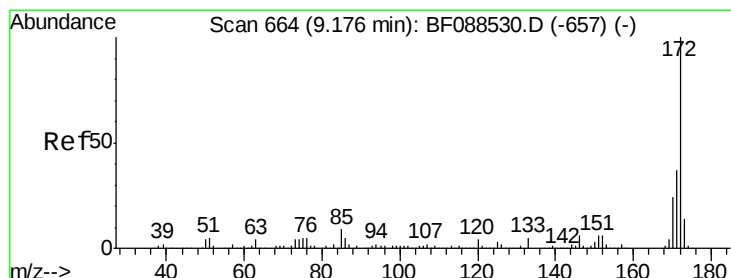
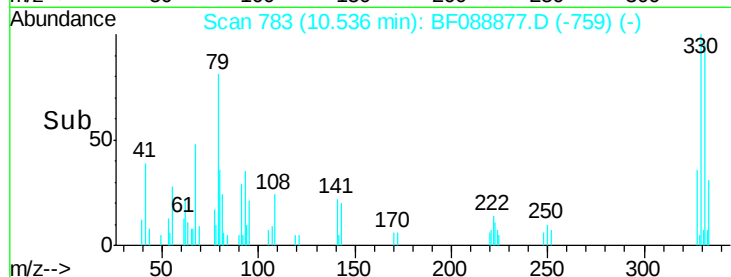
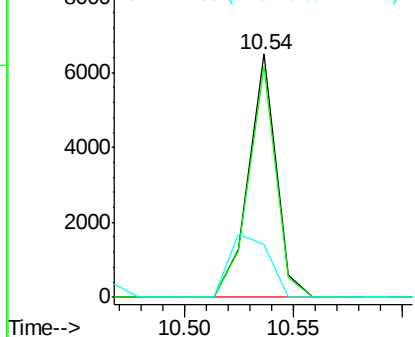
#41
 2,4,6-Tribromophenol
 Concen: 4.81 ng
 RT: 10.54 min Scan# 783
 Delta R.T. -0.02 min
 Lab File: BF088877.D
 Acq: 9 Jul 2016 18:06

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS001-0006-01

Tgt Ion:330 Resp: 5748
 Ion Ratio Lower Upper
 330 100
 332 94.5 0.0 0.0#
 141 37.0 0.0 0.0#

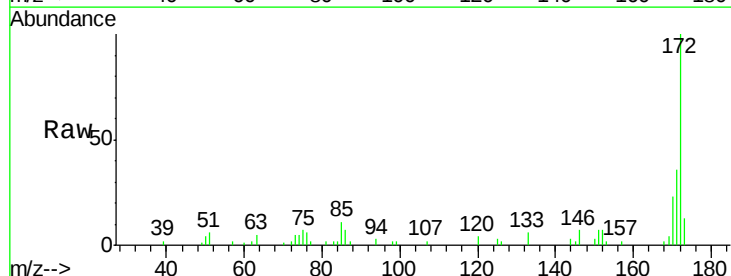


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

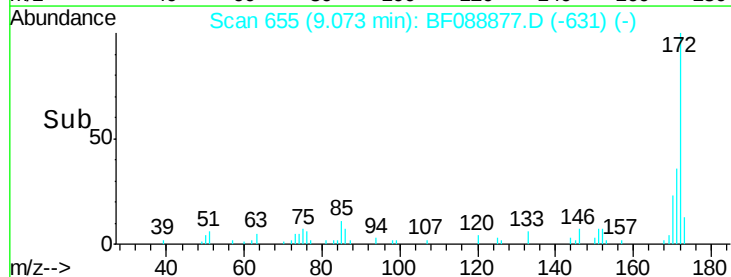
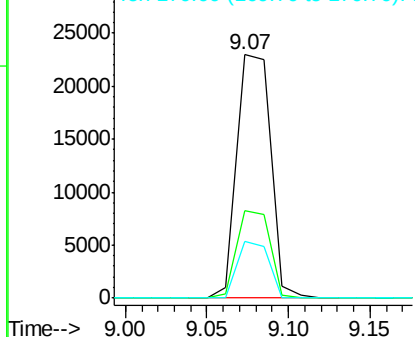


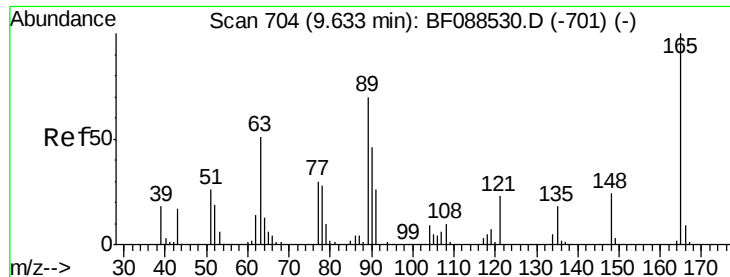
#44
 2-Fluorobiphenyl
 Concen: 4.04 ng
 RT: 9.07 min Scan# 655
 Delta R.T. -0.02 min
 Lab File: BF088877.D
 Acq: 9 Jul 2016 18:06

Tgt Ion:172 Resp: 32852
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.6 43.0
 170 23.2 19.2 28.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

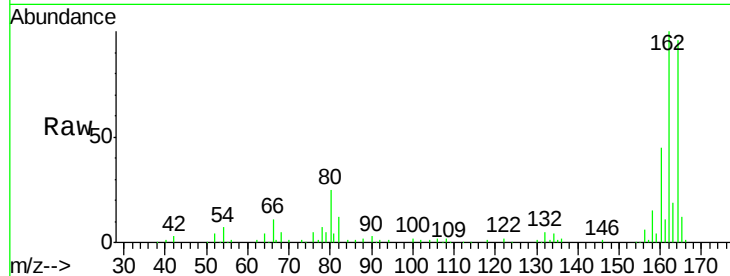




#50
 2,6-Dinitrotoluene
 Concen: 7.98 ng
 RT: 9.75 min Scan# 714
 Delta R.T. 0.18 min
 Lab File: BF088877.D
 Acq: 9 Jul 2016 18:06

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS001-0006-01

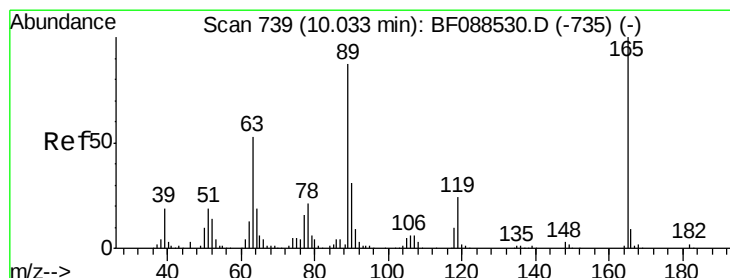
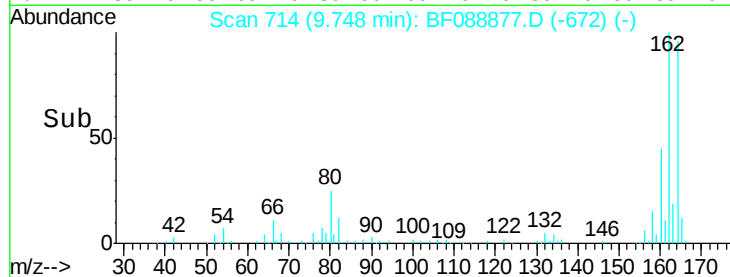
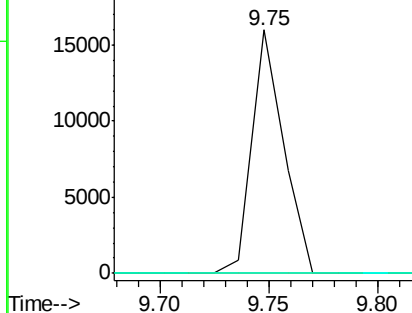
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.1	42.1#
89	0.0	32.2	48.2#



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: 6.10 ng
 RT: 9.75 min Scan# 714
 Delta R.T. -0.21 min
 Lab File: BF088877.D
 Acq: 9 Jul 2016 18:06

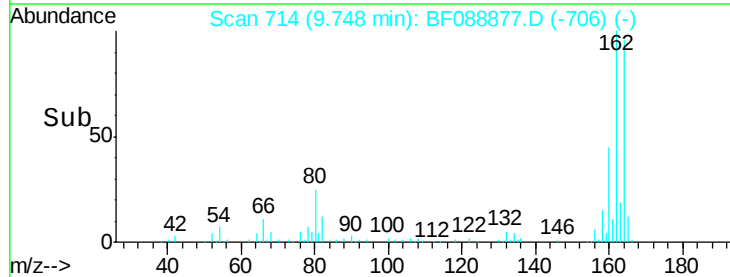
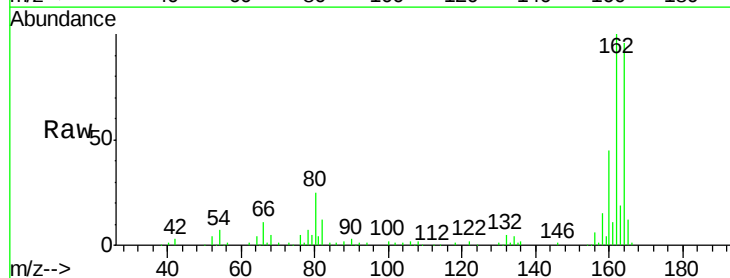
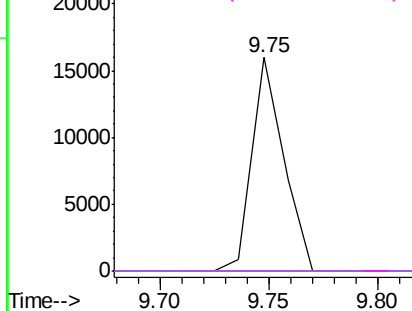
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.0	33.0#
89	0.0	41.1	61.7#
182	0.0	2.0	3.0#

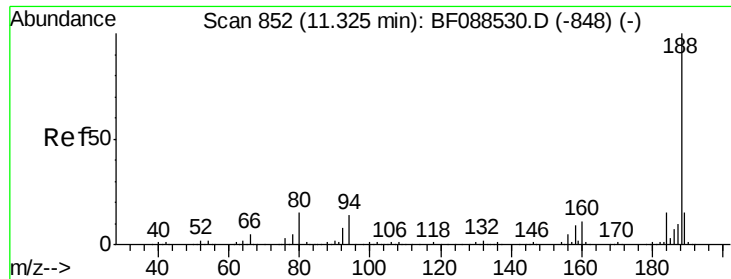
Abundance Ion 165.00 (164.70 to 165.70): E

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

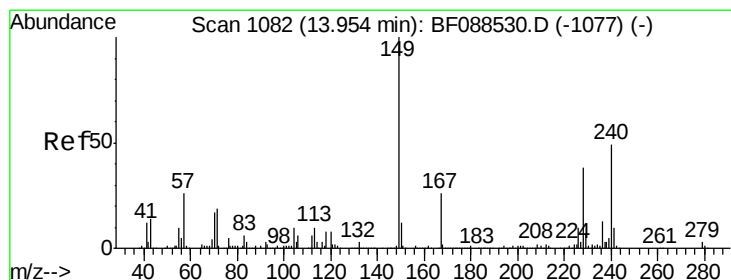
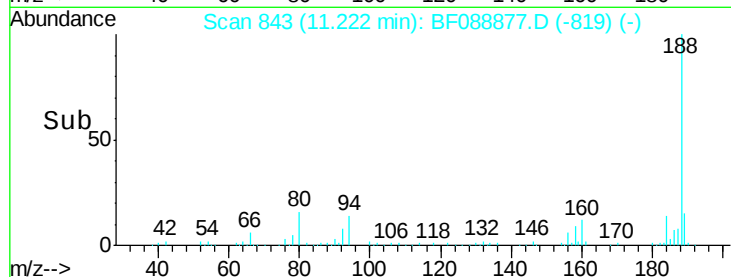
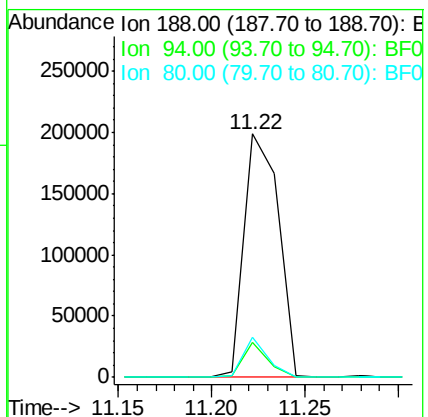
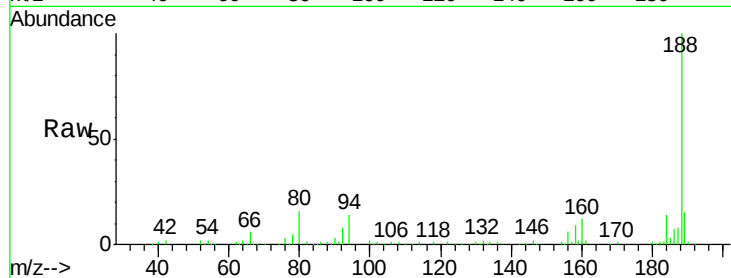




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 843
Delta R.T. -0.02 min
Lab File: BF088877.D
Acq: 9 Jul 2016 18:06

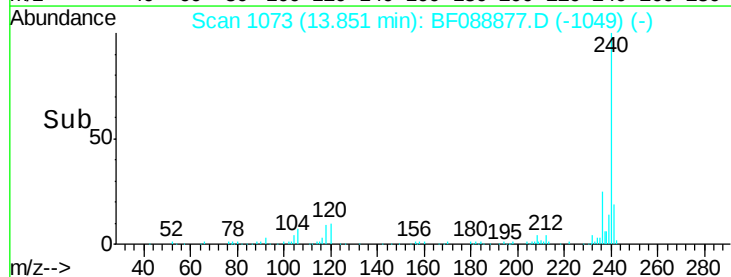
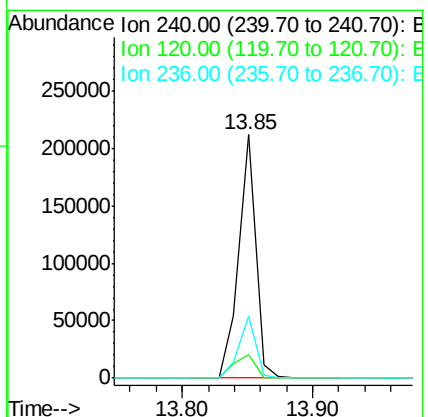
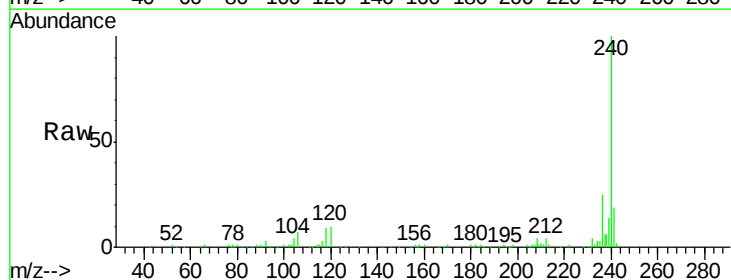
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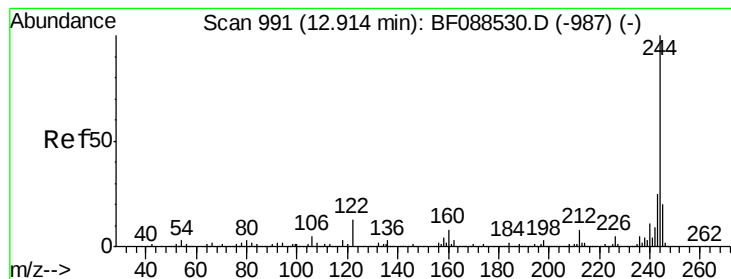
Tgt Ion:188 Resp: 255134
Ion Ratio Lower Upper
188 100
94 14.1 9.0 13.6#
80 16.3 10.0 15.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.85 min Scan# 1073
Delta R.T. -0.02 min
Lab File: BF088877.D
Acq: 9 Jul 2016 18:06

Tgt Ion:240 Resp: 192154
Ion Ratio Lower Upper
240 100
120 9.8 6.8 10.2
236 25.4 20.2 30.2





#78

Terphenyl-d14

Concen: 3.54 ng

RT: 12.81 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF088877.D

Acq: 9 Jul 2016 18:06

Instrument :

BNA_F

ClientSampleId :

P001-SS001-0006-01

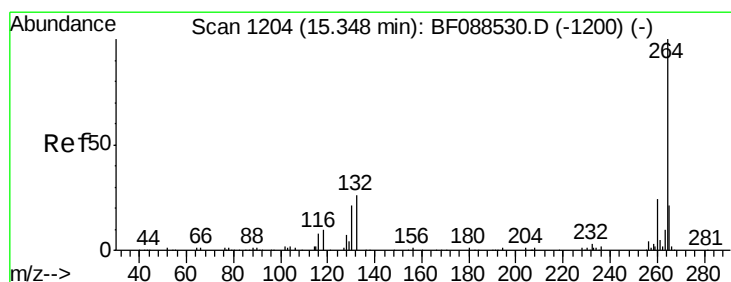
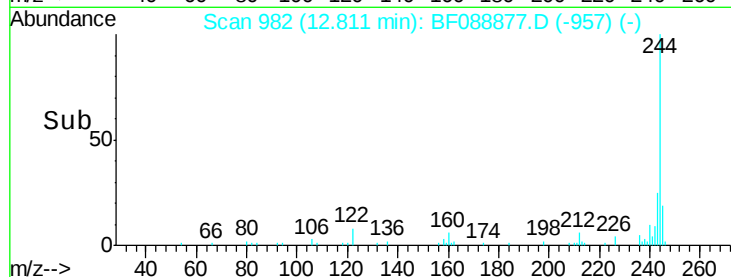
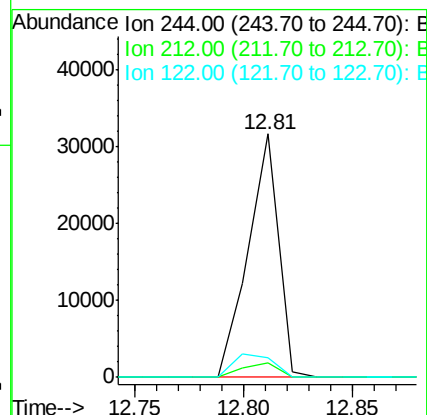
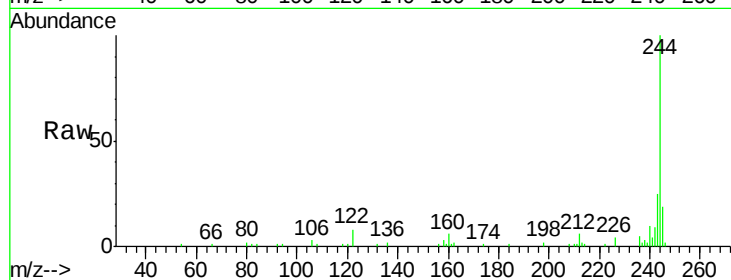
Tgt Ion:244 Resp: 30529

Ion Ratio Lower Upper

244 100

212 6.2 6.0 9.0

122 7.9 11.2 16.8#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.22 min Scan# 1193

Delta R.T. -0.02 min

Lab File: BF088877.D

Acq: 9 Jul 2016 18:06

Tgt Ion:264 Resp: 137477

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.3 16.9 25.3

