

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022515\
 Data File : BF077437.D
 Acq On : 25 Feb 2015 16:55
 Operator : IZ / TP
 Sample : G1336-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRILL-CUTTINGS

Quant Time: Feb 26 03:37:03 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 26 03:18:41 2015
 Response via : Initial Calibration

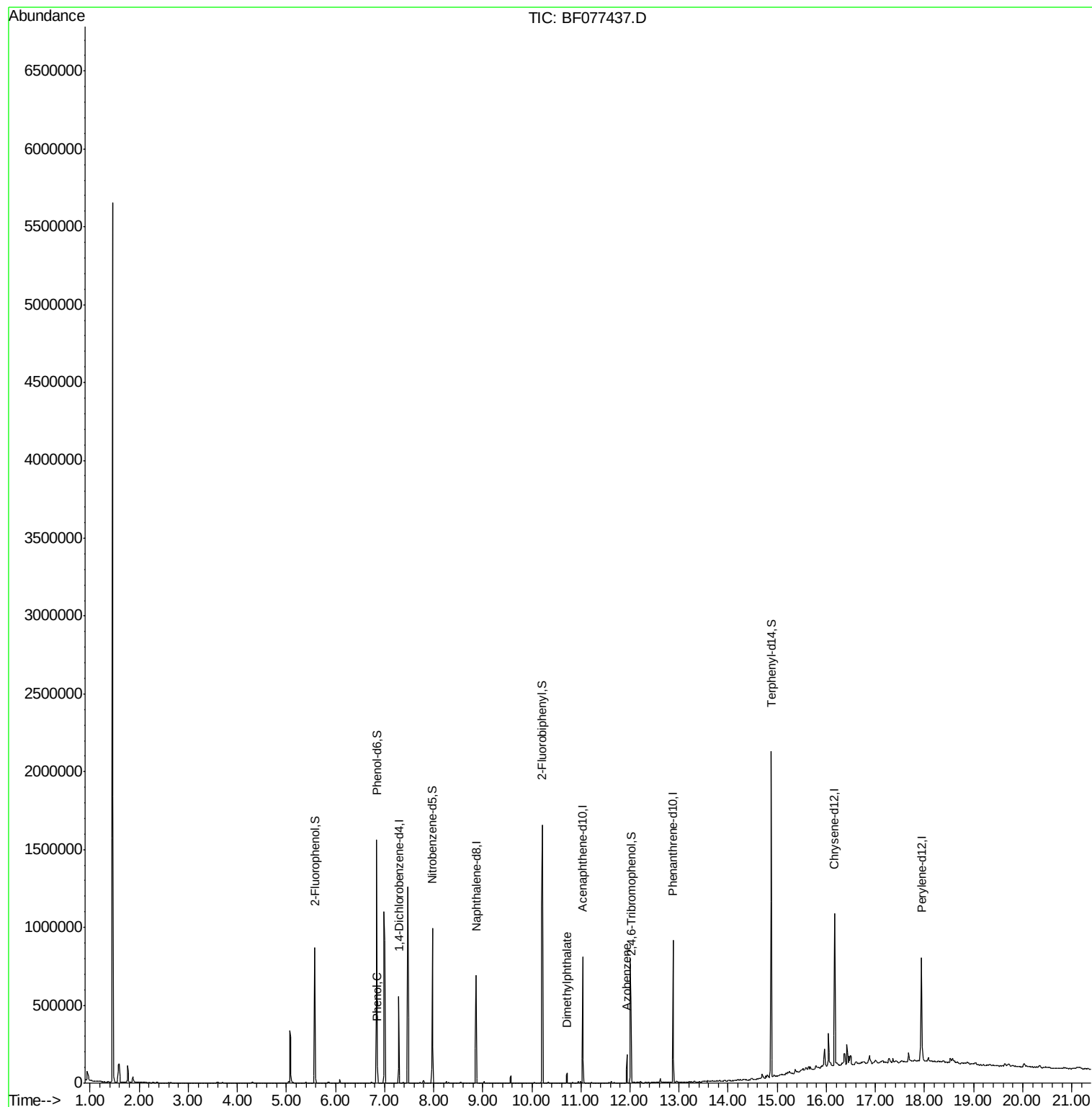
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	84128	20.00	ng	0.00
21) Naphthalene-d8	8.86	136	326587	20.00	ng	0.00
38) Acenaphthene-d10	11.04	164	166120	20.00	ng	0.00
63) Phenanthrene-d10	12.88	188	338339	20.00	ng	-0.01
75) Chrysene-d12	16.17	240	372012	20.00	ng	-0.01
86) Perylene-d12	17.94	264	365215	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	371155	73.65	ng	0.00
7) Phenol-d6	6.84	99	546082	84.28	ng	0.00
23) Nitrobenzene-d5	7.97	82	305795	58.23	ng	-0.01
41) 2,4,6-Tribromophenol	12.02	330	118157	73.87	ng	0.00
44) 2-Fluorobiphenyl	10.21	172	696091	65.34	ng	0.00
78) Terphenyl-d14	14.88	244	830181	52.17	ng	0.00
Target Compounds						
10) Phenol	6.85	94	18444	2.40	ng	94
49) Dimethylphthalate	10.72	163	38872	3.33	ng	# 98
62) Azobenzene	11.94	77	38087	3.49	ng	# 1

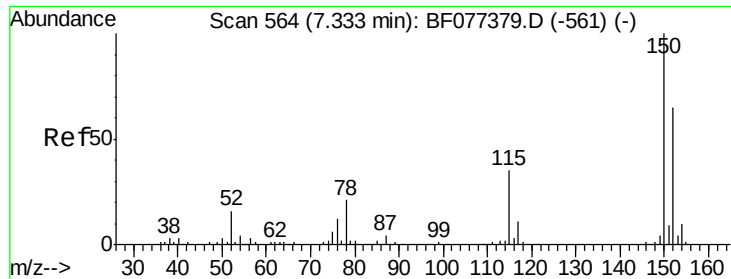
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.29 min Scan# 560

Delta R.T. 0.00 min

Lab File: BF077437.D

Acq: 25 Feb 2015 16:55

Instrument :

BNA_F

ClientSampleId :

DRILL-CUTTINGS

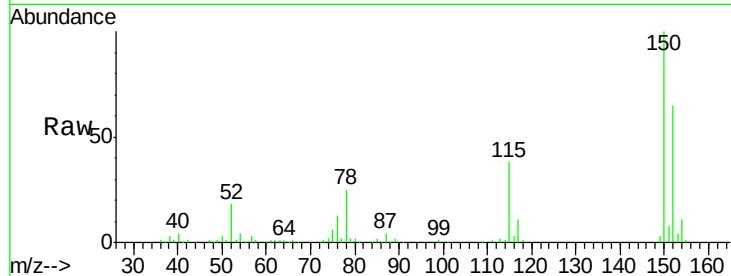
Tgt Ion:152 Resp: 84128

Ion Ratio Lower Upper

152 100

150 154.5 124.0 186.0

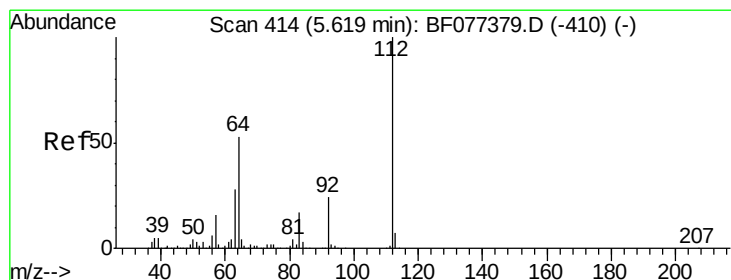
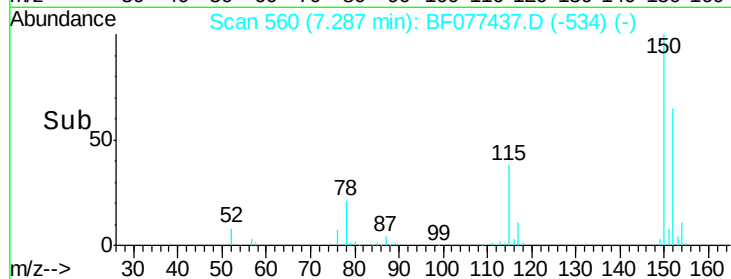
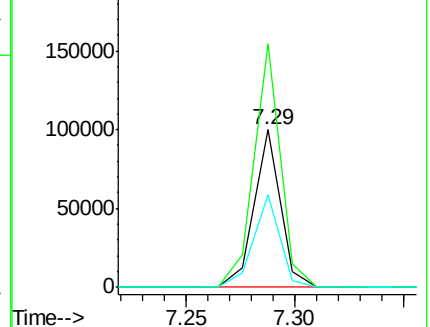
115 58.5 49.4 74.2



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: 73.65 ng

RT: 5.58 min Scan# 411

Delta R.T. -0.00 min

Lab File: BF077437.D

Acq: 25 Feb 2015 16:55

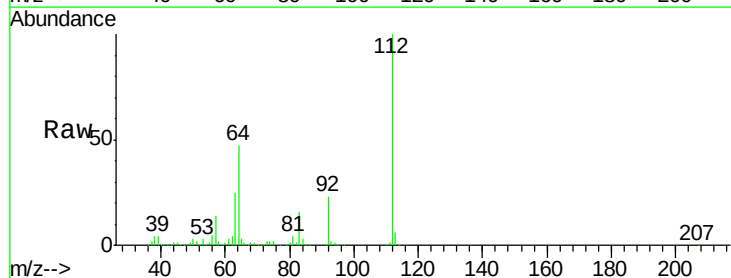
Tgt Ion:112 Resp: 371155

Ion Ratio Lower Upper

112 100

64 46.9 48.5 72.7#

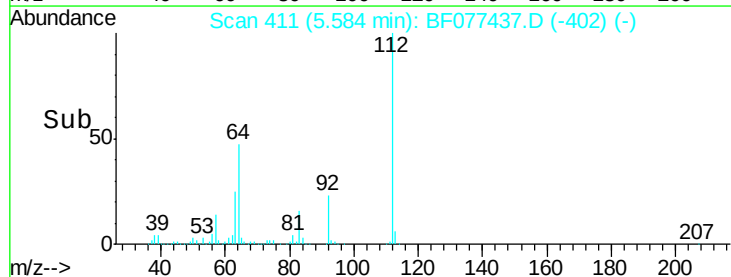
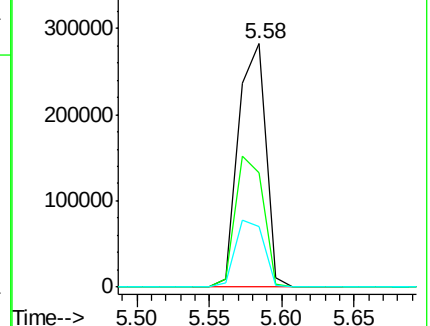
63 24.8 25.0 37.4#

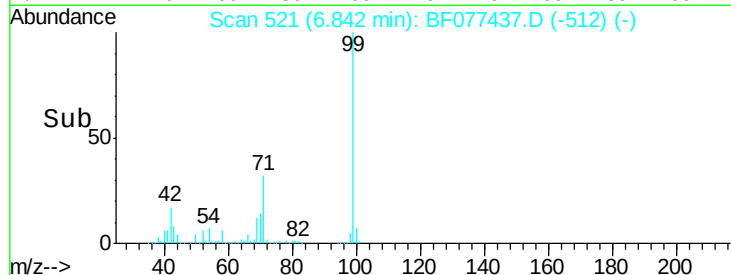
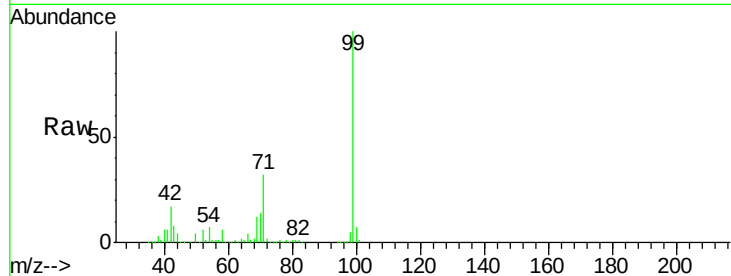
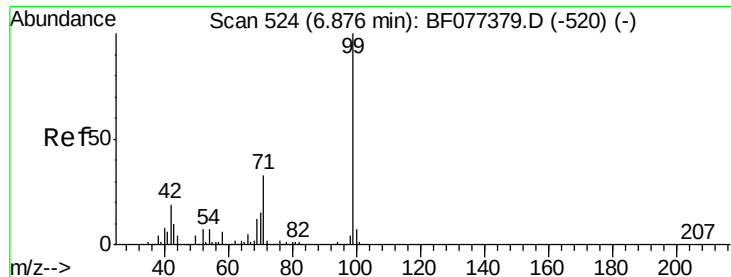


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 84.28 ng

RT: 6.84 min Scan# 521

Delta R.T. -0.00 min

Lab File: BF077437.D

Acq: 25 Feb 2015 16:55

Instrument :

BNA_F

ClientSampleId :

DRILL-CUTTINGS

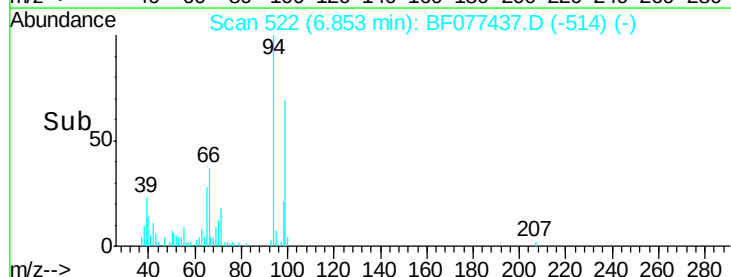
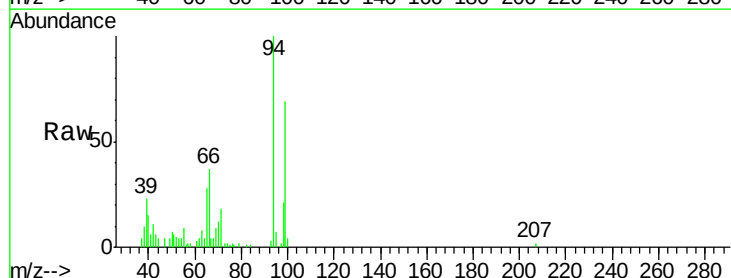
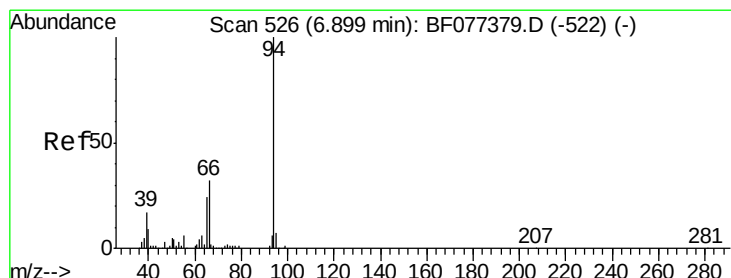
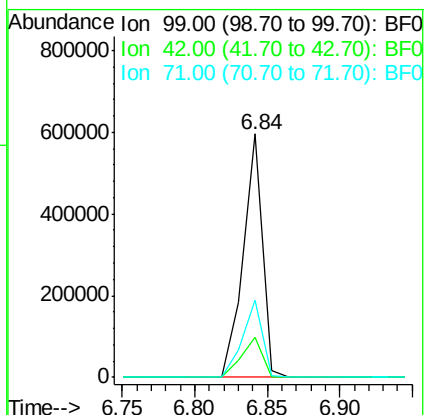
Tgt Ion: 99 Resp: 546082

Ion Ratio Lower Upper

99 100

42 16.5 16.2 24.4

71 31.5 26.7 40.1



#10

Phenol

Concen: 2.40 ng

RT: 6.85 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF077437.D

Acq: 25 Feb 2015 16:55

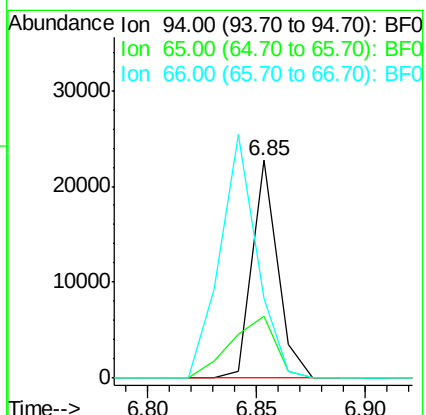
Tgt Ion: 94 Resp: 18444

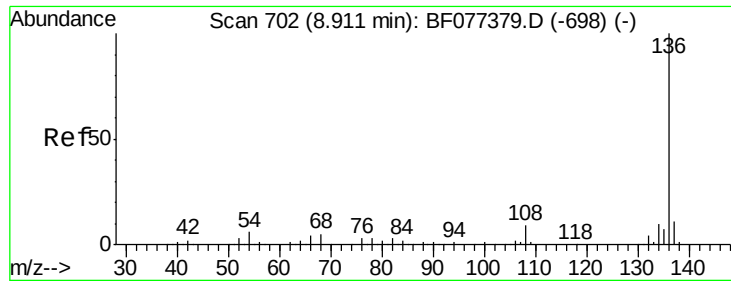
Ion Ratio Lower Upper

94 100

65 28.4 5.7 45.7

66 36.9 13.6 53.6

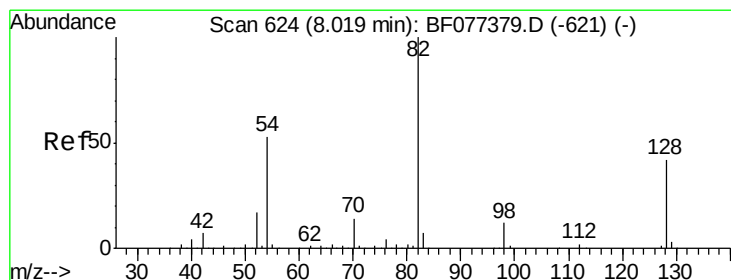
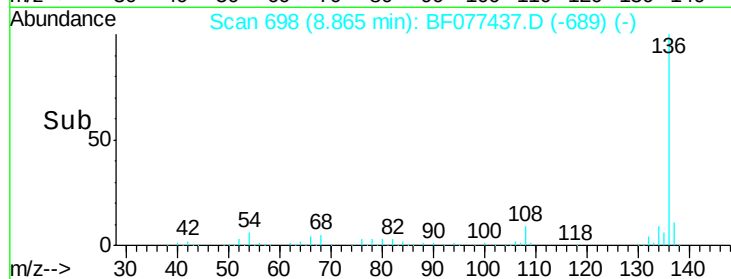
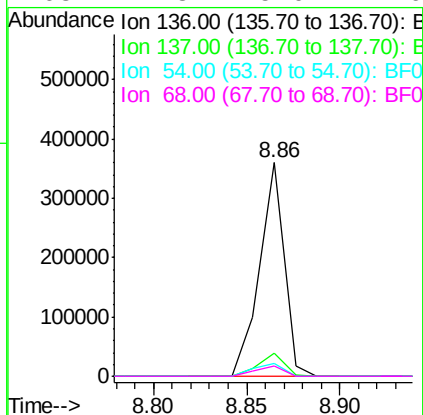
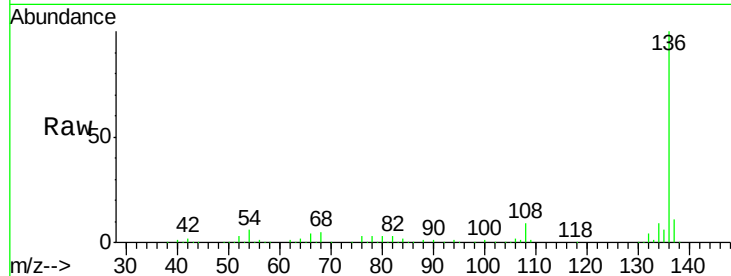




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.86 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF077437.D
Acq: 25 Feb 2015 16:55

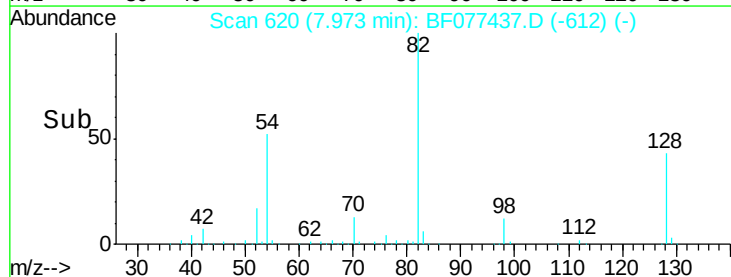
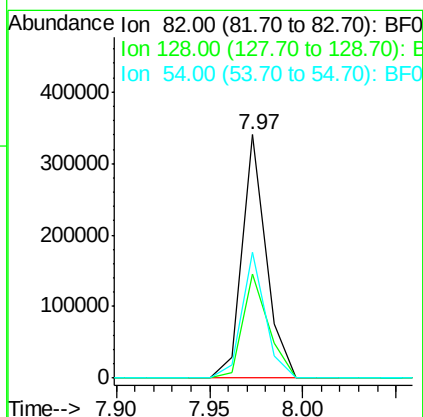
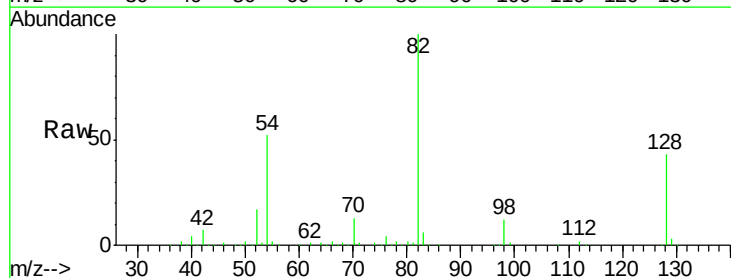
Instrument :
BNA_F
ClientSampleId :
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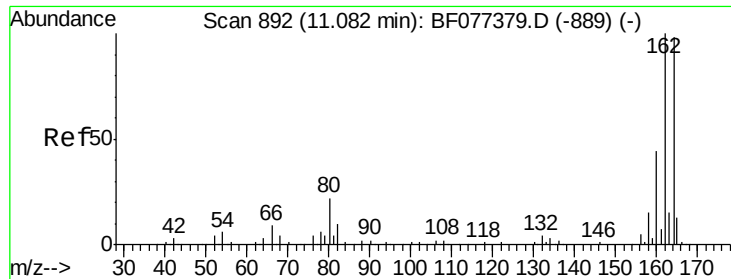
Tgt Ion:	136	Resp:	326587
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	6.1	6.2	9.4#
68	4.8	5.0	7.6#



#23
Nitrobenzene-d5
Concen: 58.23 ng
RT: 7.97 min Scan# 620
Delta R.T. -0.01 min
Lab File: BF077437.D
Acq: 25 Feb 2015 16:55

Tgt Ion:	82	Resp:	305795
Ion	Ratio	Lower	Upper
82	100		
128	42.9	43.8	65.8#
54	51.9	36.7	55.1

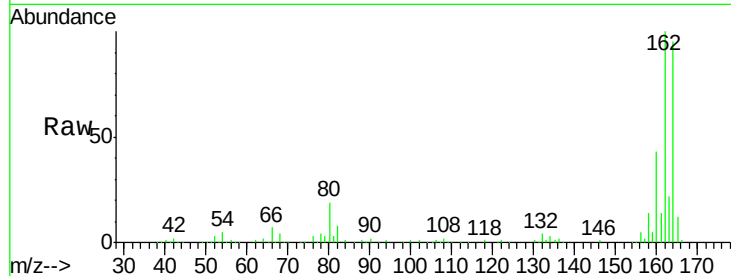




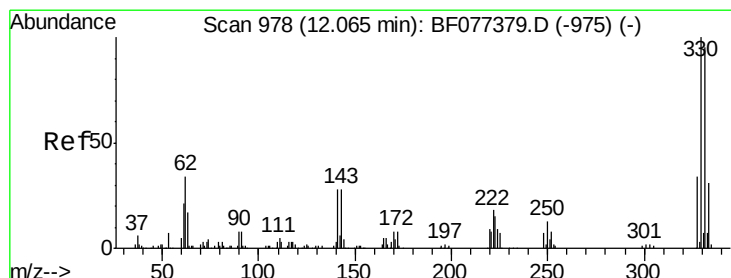
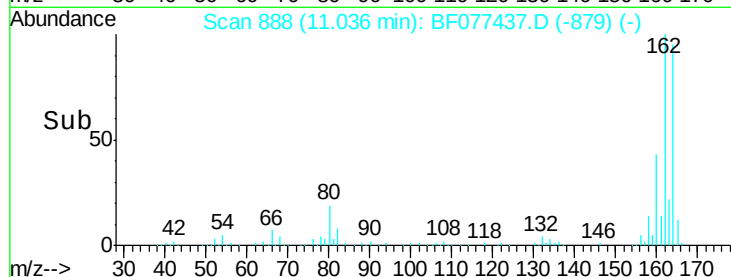
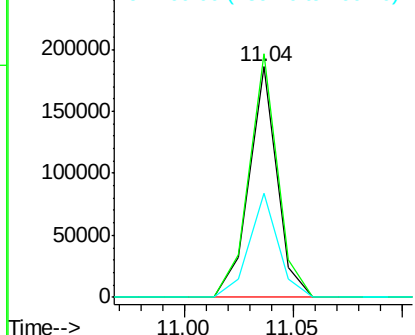
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.04 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF077437.D
Acq: 25 Feb 2015 16:55

Instrument :
BNA_F
ClientSampleId :
DRILL-CUTTINGS

Tgt Ion:164 Resp: 166120
Ion Ratio Lower Upper
164 100
162 105.8 83.2 124.8
160 45.3 34.6 52.0

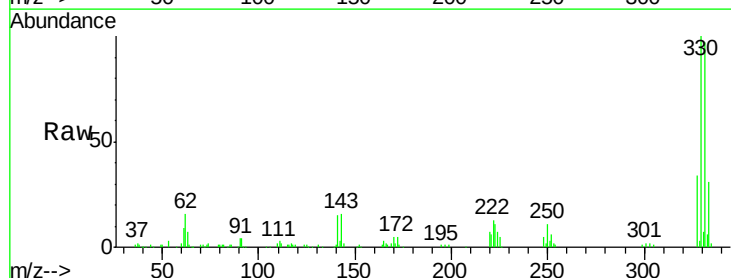


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

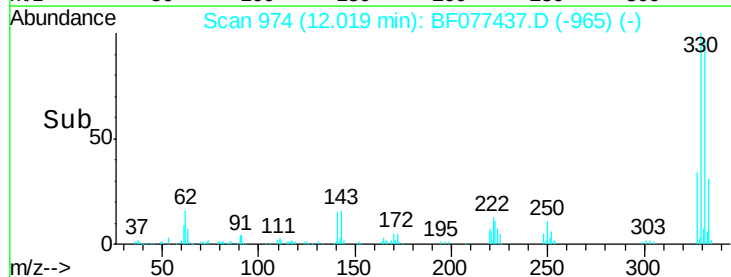
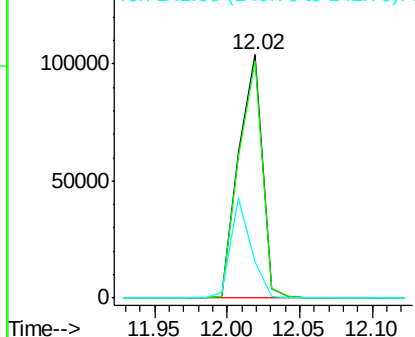


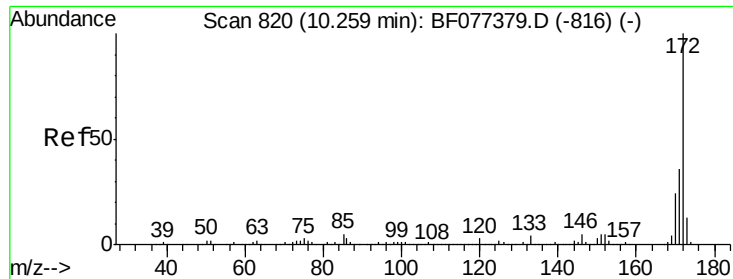
#41
2,4,6-Tribromophenol
Concen: 73.87 ng
RT: 12.02 min Scan# 974
Delta R.T. -0.00 min
Lab File: BF077437.D
Acq: 25 Feb 2015 16:55

Tgt Ion:330 Resp: 118157
Ion Ratio Lower Upper
330 100
332 97.3 77.4 116.2
141 35.5 28.8 43.2



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

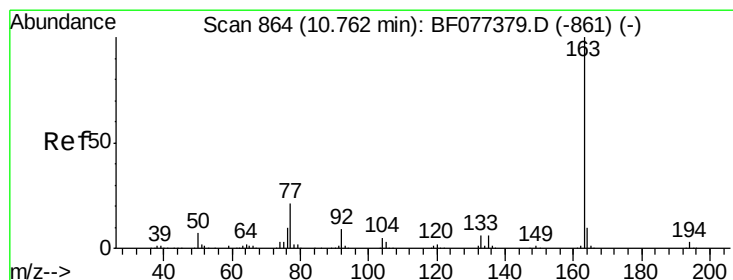
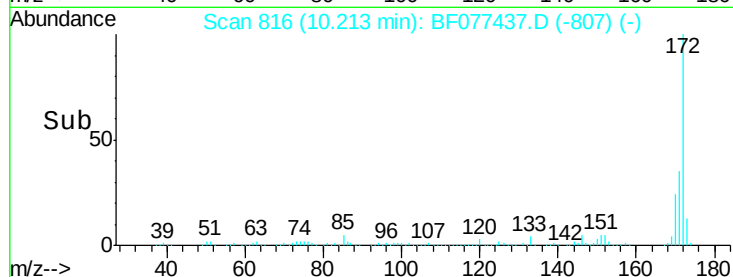
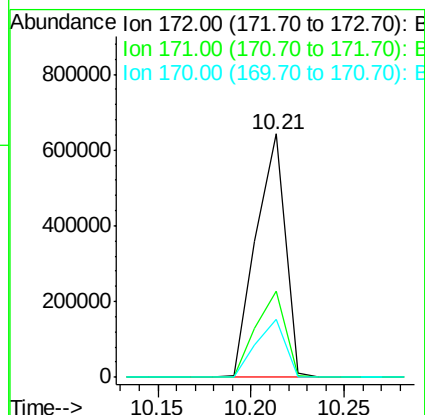
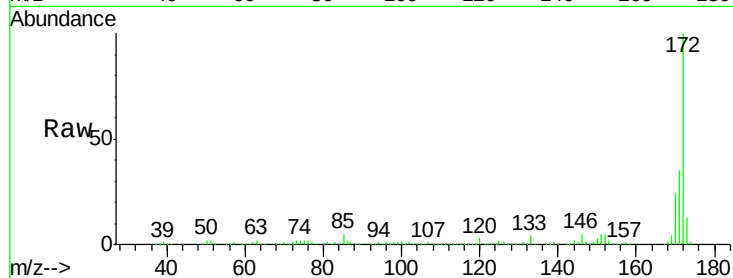




#44
2-Fluorobiphenyl
Concen: 65.34 ng
RT: 10.21 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF077437.D
Acq: 25 Feb 2015 16:55

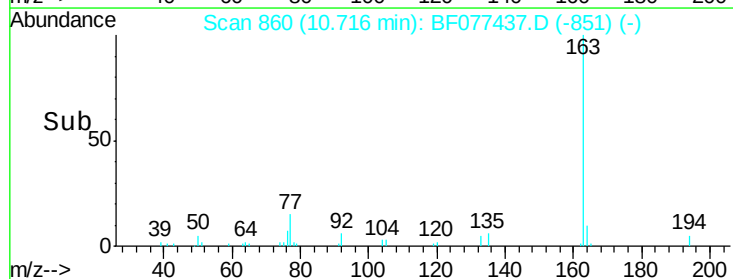
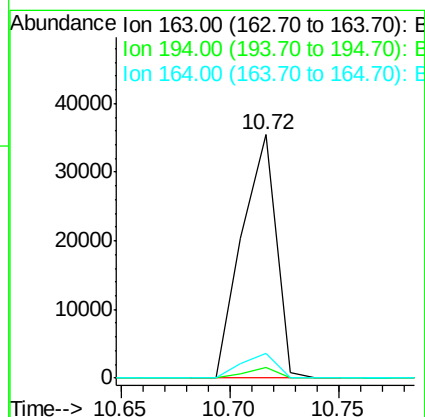
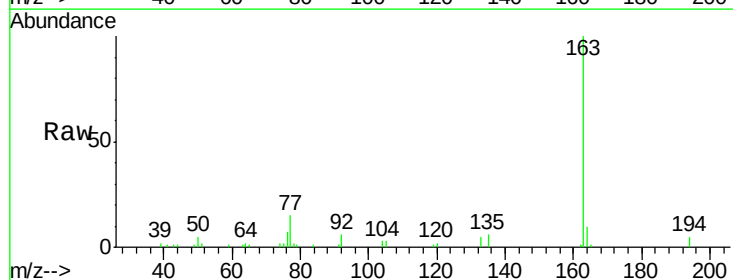
Instrument :
BNA_F
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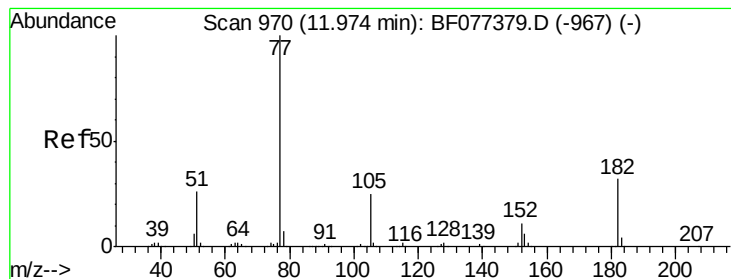
Tgt Ion:172 Resp: 696091
Ion Ratio Lower Upper
172 100
171 35.4 28.9 43.3
170 23.7 19.4 29.2



#49
Dimethylphthalate
Concen: 3.33 ng
RT: 10.72 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF077437.D
Acq: 25 Feb 2015 16:55

Tgt Ion:163 Resp: 38872
Ion Ratio Lower Upper
163 100
194 4.6 2.6 4.0#
164 10.0 8.6 13.0





#62

Azobenzene

Concen: 3.49 ng

RT: 11.94 min Scan# 967

Delta R.T. 0.01 min

Lab File: BF077437.D

Acq: 25 Feb 2015 16:55

Instrument :

BNA_F

ClientSampleId :

DRILL-CUTTINGS

Tgt Ion: 77 Resp: 38087

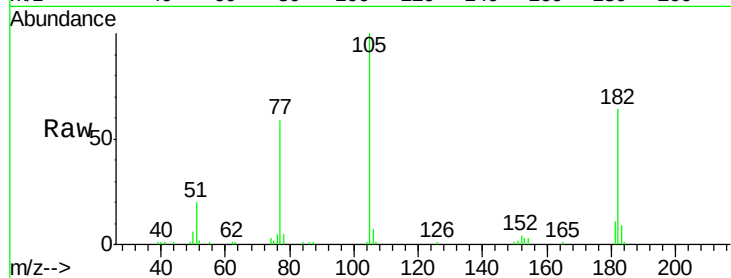
Ion Ratio Lower Upper

77 100

182 107.5 4.9 44.9#

105 168.8 3.3 43.3#

51 33.9 8.9 48.9

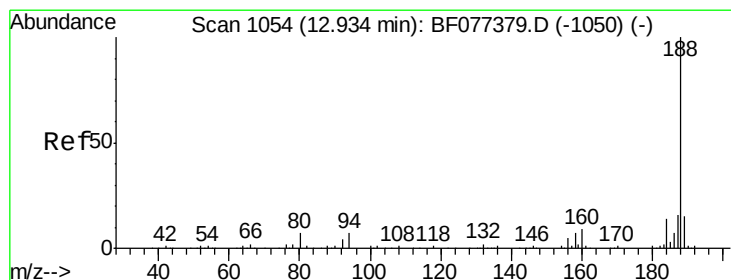
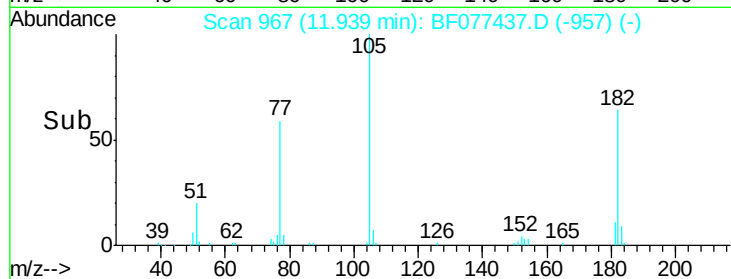
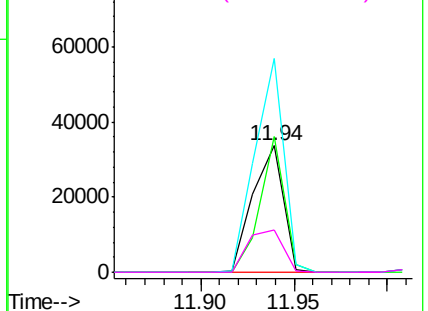


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.88 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BF077437.D

Acq: 25 Feb 2015 16:55

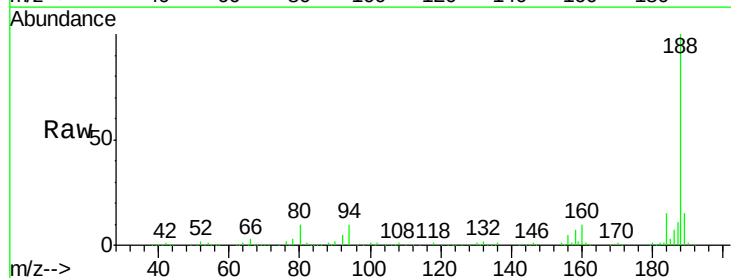
Tgt Ion: 188 Resp: 338339

Ion Ratio Lower Upper

188 100

94 9.8 7.4 11.2

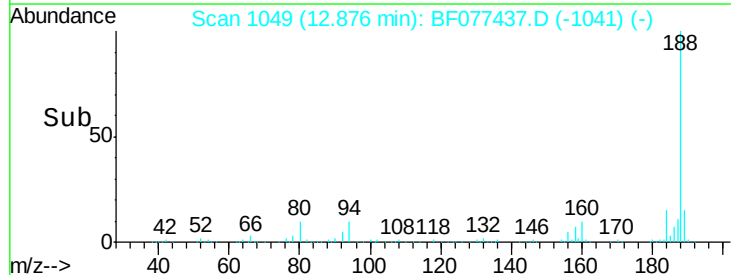
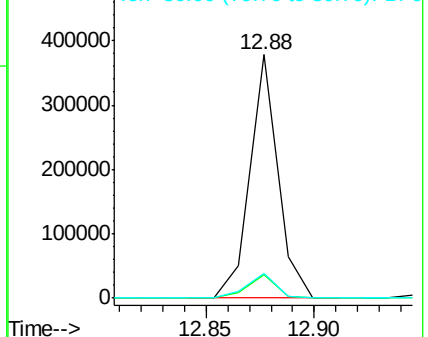
80 10.0 8.0 12.0

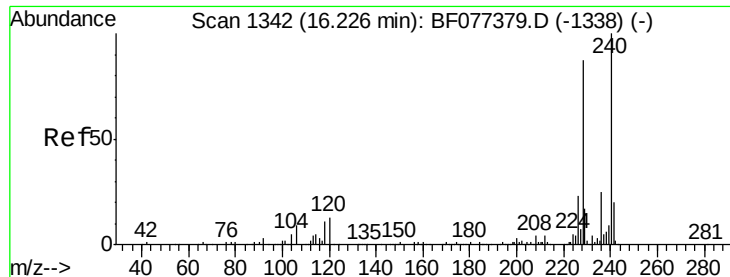


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

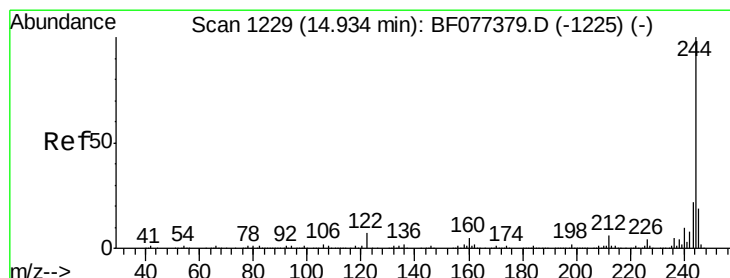
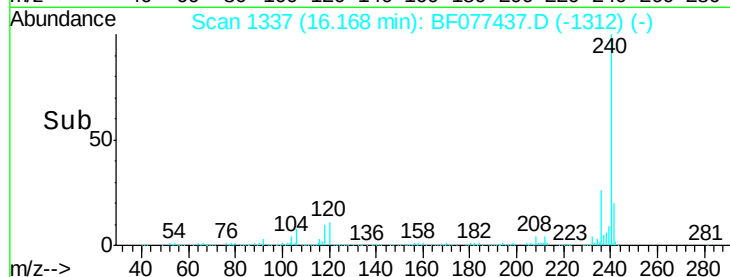
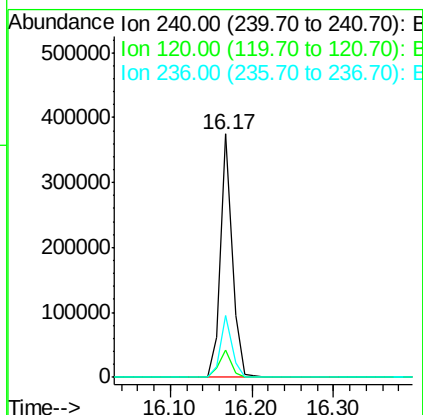
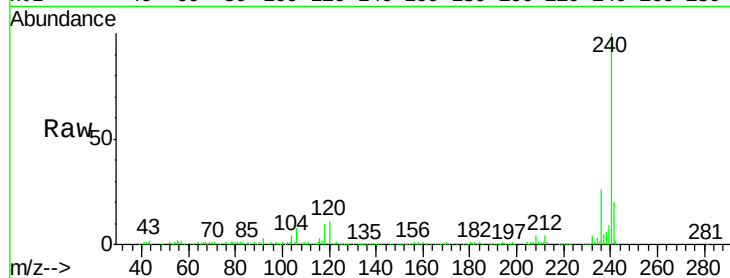




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.17 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF077437.D
 Acq: 25 Feb 2015 16:55

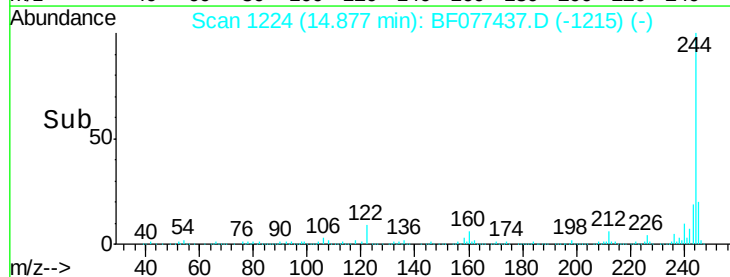
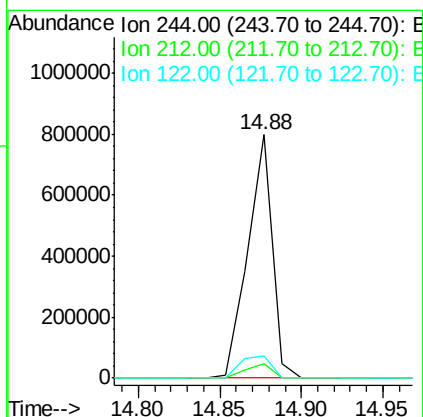
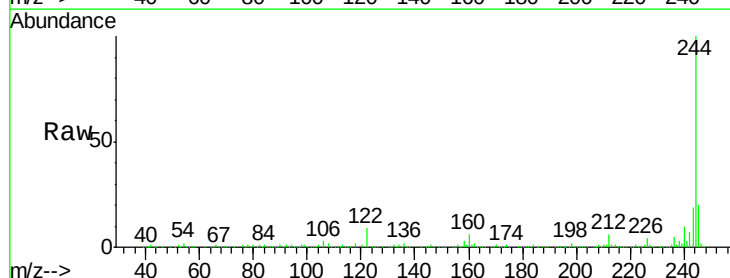
Instrument :
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 DRILL-CUTTINGS

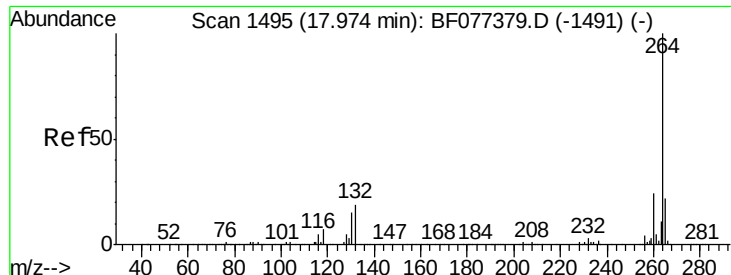
Tgt Ion:240 Resp: 372012
 Ion Ratio Lower Upper
 240 100
 120 11.3 8.8 13.2
 236 25.6 20.7 31.1



#78
 Terphenyl-d14
 Concen: 52.17 ng
 RT: 14.88 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BF077437.D
 Acq: 25 Feb 2015 16:55

Tgt Ion:244 Resp: 830181
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.2 7.8
 122 9.2 7.8 11.8

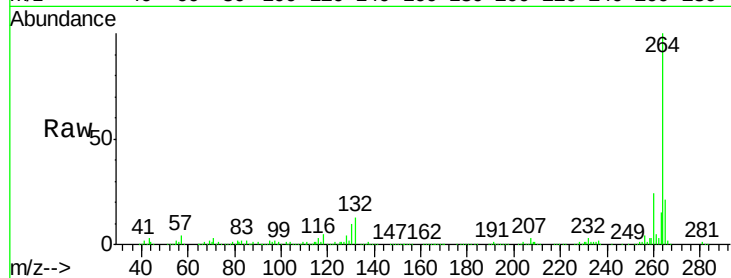




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.94 min Scan# 1492
Delta R.T. 0.02 min
Lab File: BF077437.D
Acq: 25 Feb 2015 16:55

Instrument :
BNA_F
ClientSampleId :
DRILL-CUTTINGS

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.3	28.9
265	21.4	16.8	25.2



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

