

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022415\
 Data File : BF077415.D
 Acq On : 24 Feb 2015 14:07
 Operator : IZ / TP
 Sample : G1336-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRILL-CUTTINGS

Quant Time: Feb 25 03:16:48 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 19 16:57:32 2015
 Response via : Initial Calibration

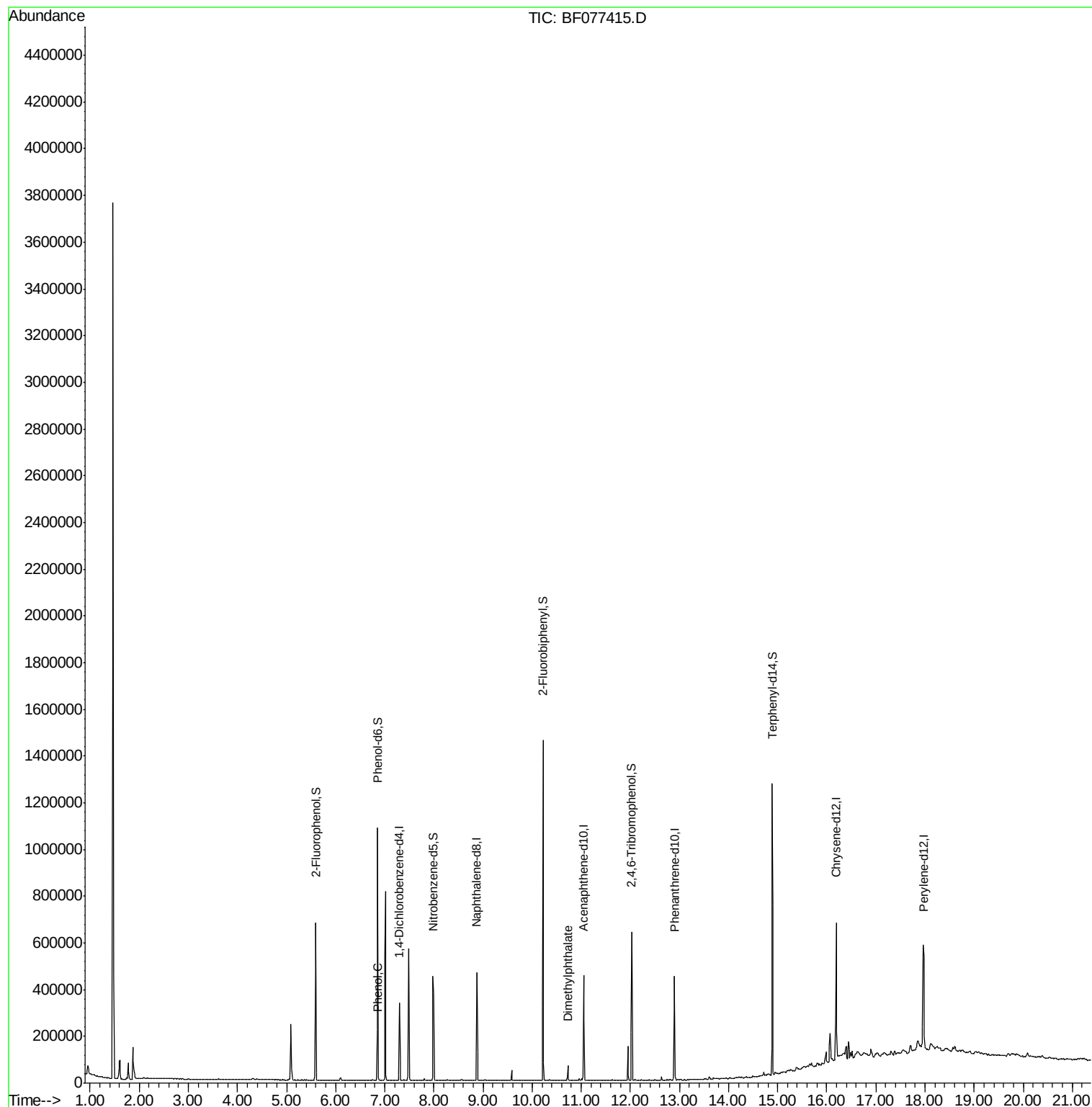
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	51455	20.00	ng	-0.03
21) Naphthalene-d8	8.88	136	212769	20.00	ng	-0.03
38) Acenaphthene-d10	11.05	164	109925	20.00	ng	-0.05
63) Phenanthrene-d10	12.90	188	221082	20.00	ng	-0.03
75) Chrysene-d12	16.19	240	232055	20.00	ng	-0.03
86) Perylene-d12	17.97	264	234398	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	245563	79.67	ng	-0.02
7) Phenol-d6	6.85	99	348380	87.91	ng	-0.02
23) Nitrobenzene-d5	7.98	82	194920	56.97	ng	-0.05
41) 2,4,6-Tribromophenol	12.03	330	77737	73.44	ng	-0.03
44) 2-Fluorobiphenyl	10.23	172	450457	63.90	ng	-0.03
78) Terphenyl-d14	14.89	244	527368	53.13	ng	-0.05
Target Compounds						
10) Phenol	6.86	94	10666	2.27	ng	Qvalue 83
49) Dimethylphthalate	10.73	163	28047	3.63	ng	# 97

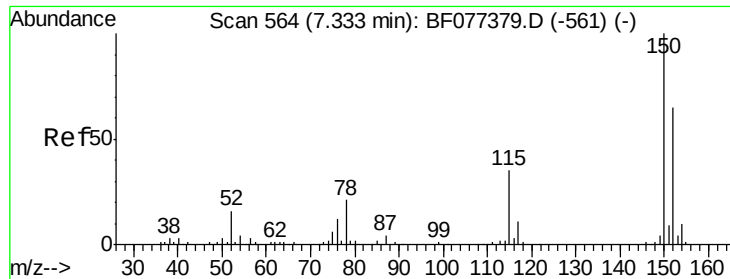
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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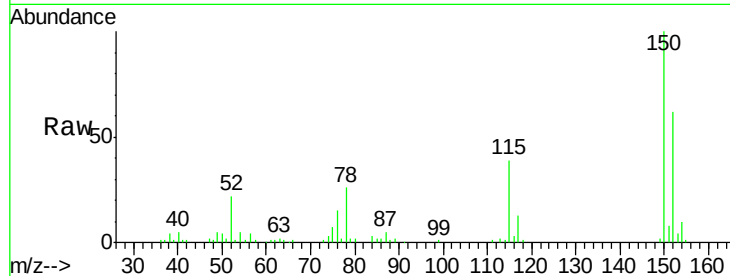


#1

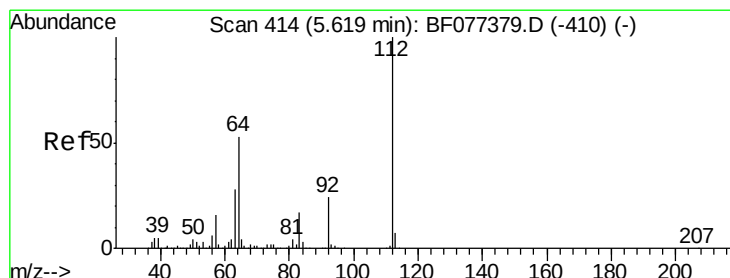
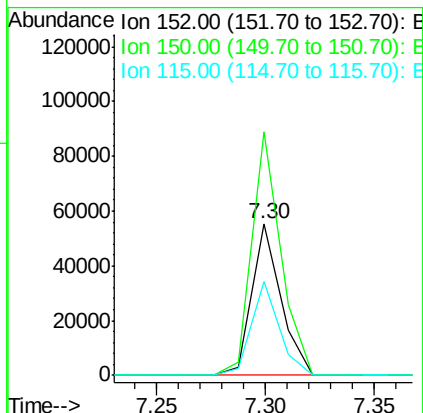
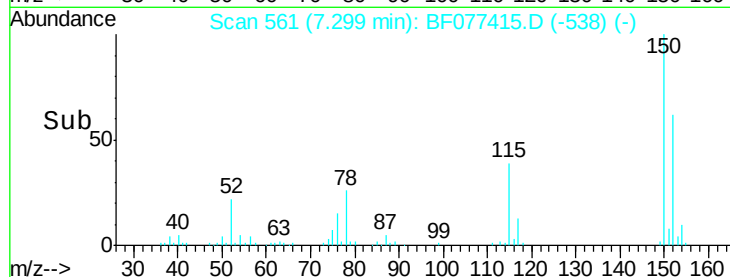
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.30 min Scan# 561
 Delta R.T. -0.03 min
 Lab File: BF077415.D
 Acq: 24 Feb 2015 14:07

Instrument :
 BNA_F
 ClientSampleId :
 DRILL-CUTTINGS

Tgt Ion:152 Resp: 51455
 Ion Ratio Lower Upper
 152 100
 150 160.5 124.0 186.0
 115 62.2 49.4 74.2



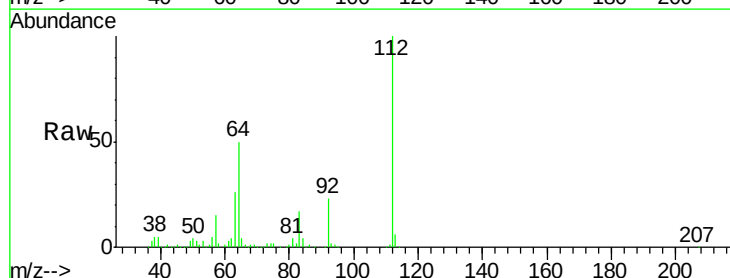
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



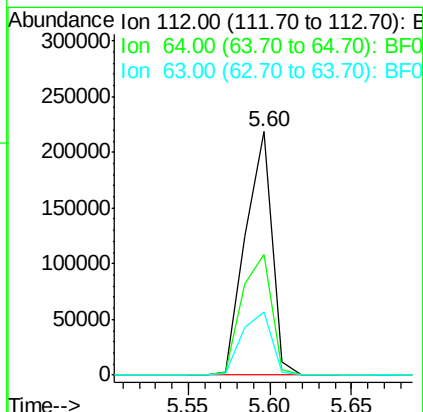
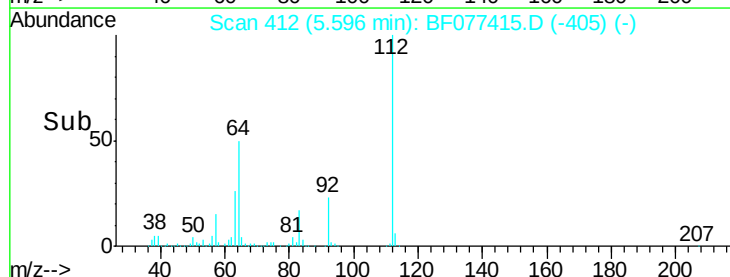
#5

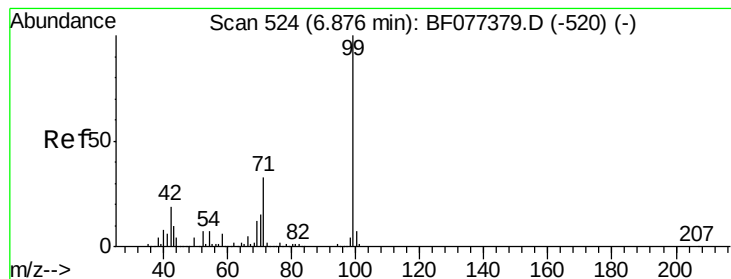
2-Fluorophenol
 Concen: 79.67 ng
 RT: 5.60 min Scan# 412
 Delta R.T. -0.02 min
 Lab File: BF077415.D
 Acq: 24 Feb 2015 14:07

Tgt Ion:112 Resp: 245563
 Ion Ratio Lower Upper
 112 100
 64 49.8 48.5 72.7
 63 25.8 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: 87.91 ng

RT: 6.85 min Scan# 522

Delta R.T. -0.02 min

Lab File: BF077415.D

Acq: 24 Feb 2015 14:07

Instrument :

BNA_F

ClientSampleId :

DRILL-CUTTINGS

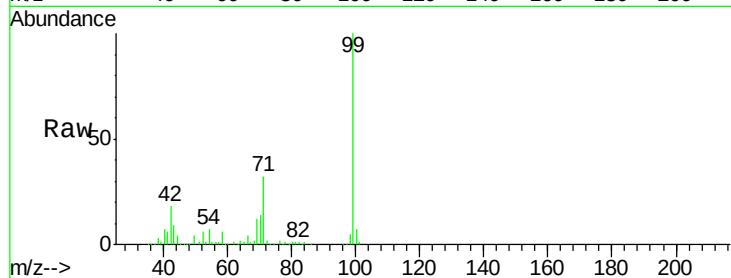
Tgt Ion: 99 Resp: 348380

Ion Ratio Lower Upper

99 100

42 18.1 16.2 24.4

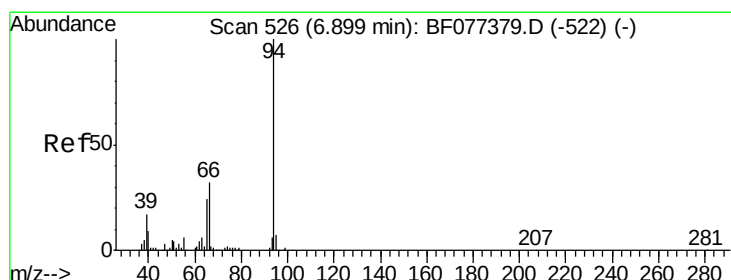
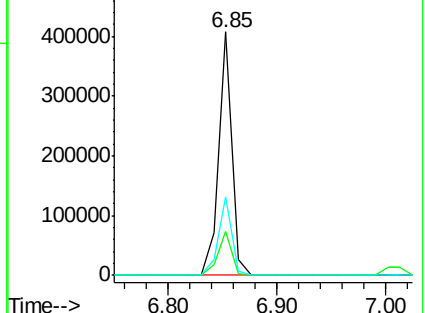
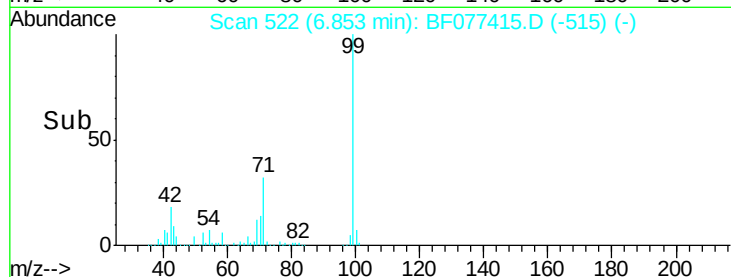
71 32.4 26.7 40.1



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



#10

Phenol

Concen: 2.27 ng

RT: 6.86 min Scan# 523

Delta R.T. -0.03 min

Lab File: BF077415.D

Acq: 24 Feb 2015 14:07

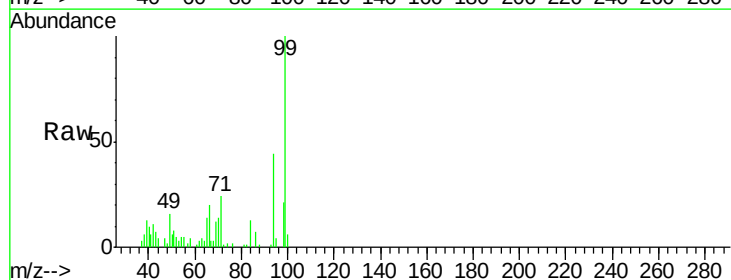
Tgt Ion: 94 Resp: 10666

Ion Ratio Lower Upper

94 100

65 31.6 5.7 45.7

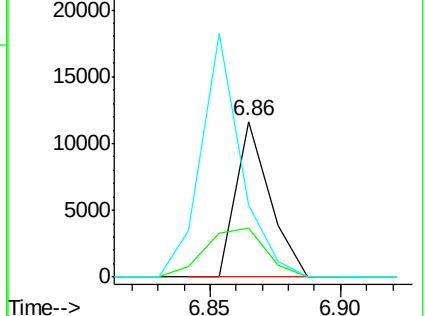
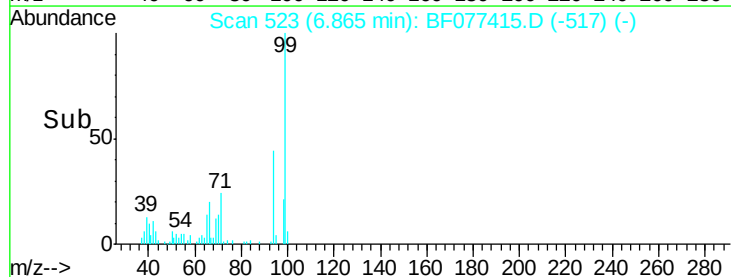
66 46.0 13.6 53.6

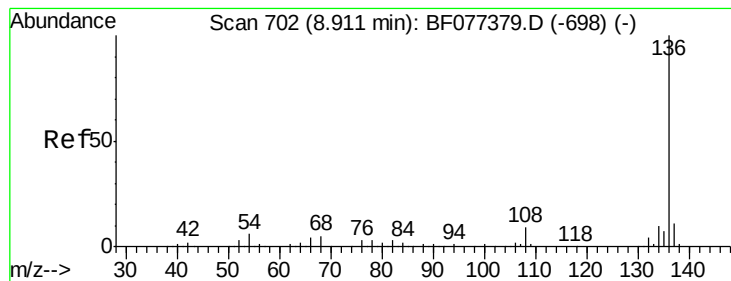


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.88 min Scan# 699

Delta R.T. -0.03 min

Lab File: BF077415.D

Acq: 24 Feb 2015 14:07

Instrument :

BNA_F

ClientSampleId :

DRILL-CUTTINGS

Tgt Ion:136 Resp: 212769

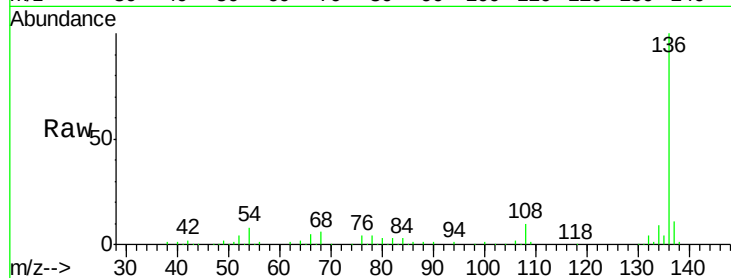
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 8.3 6.2 9.4

68 6.2 5.0 7.6

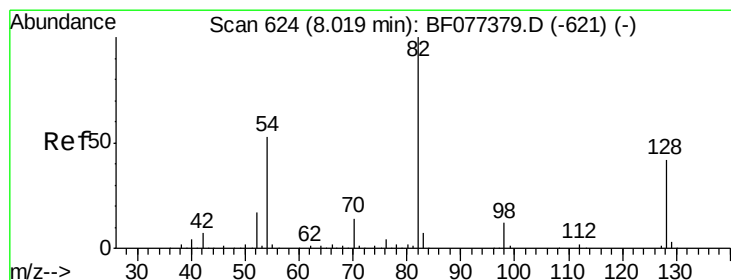
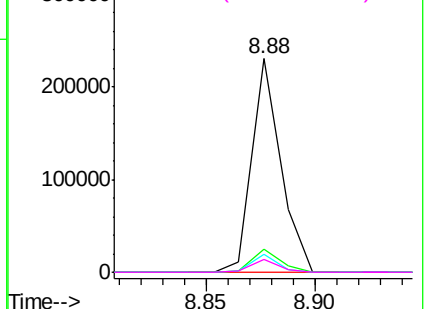
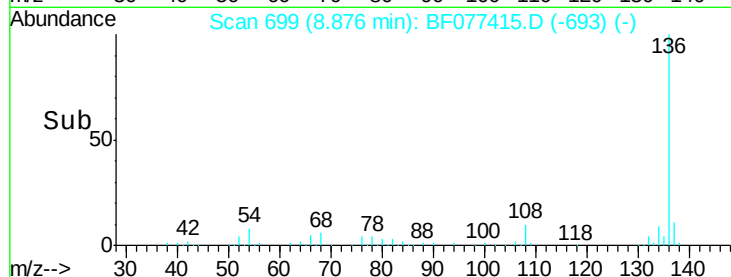


Abundance Ion 136.00 (135.70 to 136.70): E

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: 56.97 ng

RT: 7.98 min Scan# 621

Delta R.T. -0.05 min

Lab File: BF077415.D

Acq: 24 Feb 2015 14:07

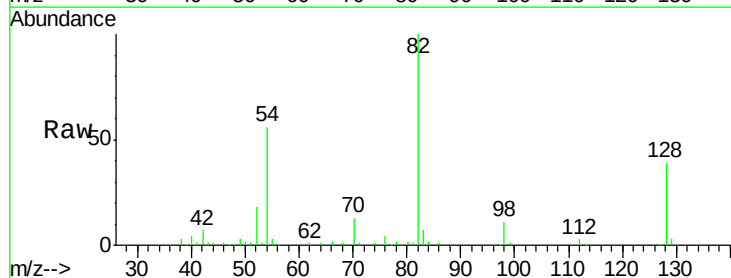
Tgt Ion: 82 Resp: 194920

Ion Ratio Lower Upper

82 100

128 39.3 43.8 65.8#

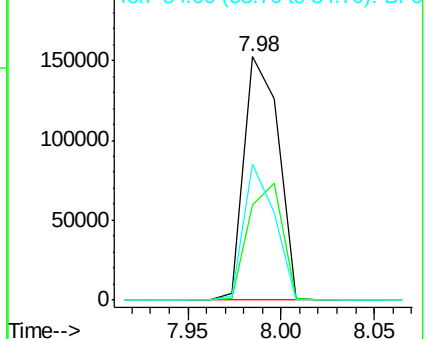
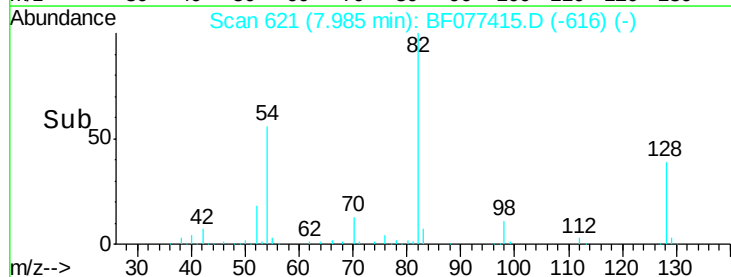
54 55.7 36.7 55.1#

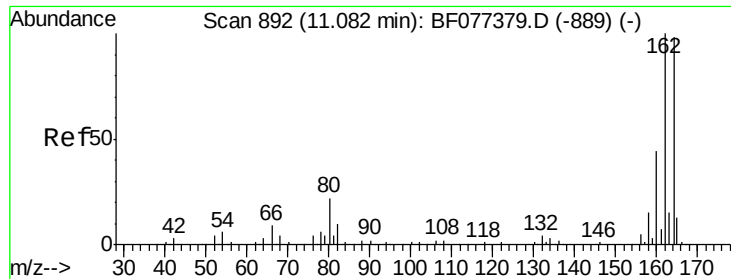


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

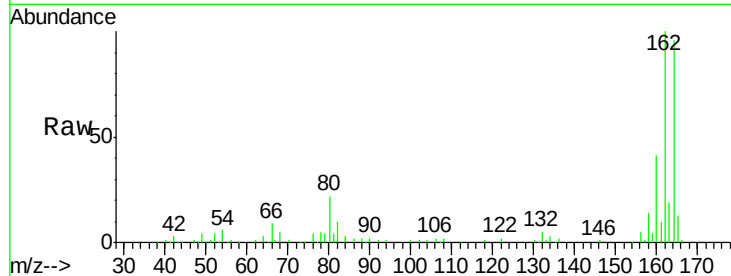




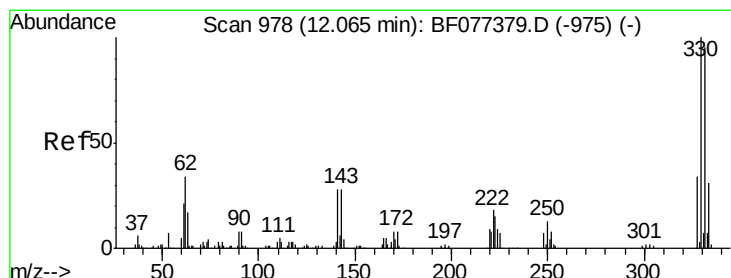
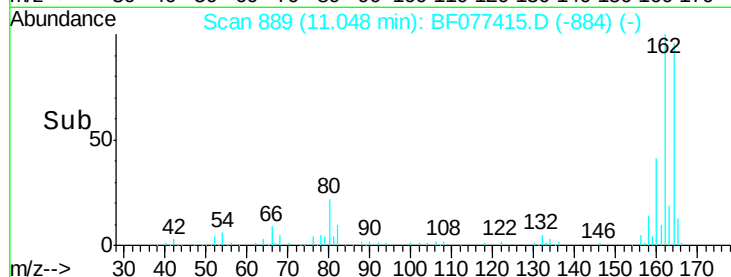
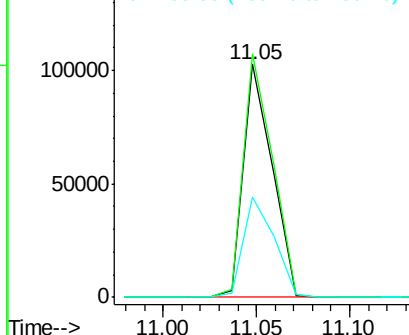
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.05 min Scan# 889
 Delta R.T. -0.05 min
 Lab File: BF077415.D
 Acq: 24 Feb 2015 14:07

Instrument :
 BNA_F
 ClientSampleId :
 DRILL-CUTTINGS

Tgt Ion:164 Resp: 109925
 Ion Ratio Lower Upper
 164 100
 162 104.6 83.2 124.8
 160 42.9 34.6 52.0

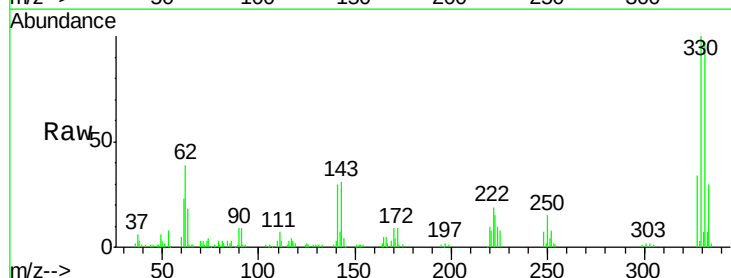


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

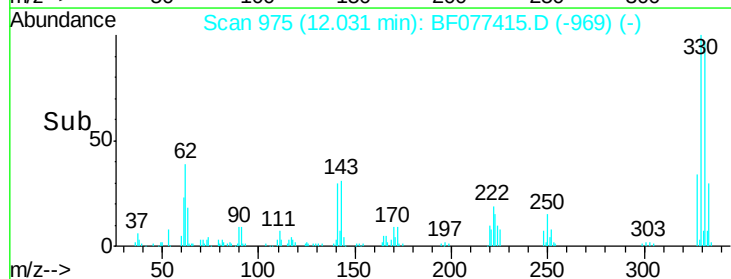
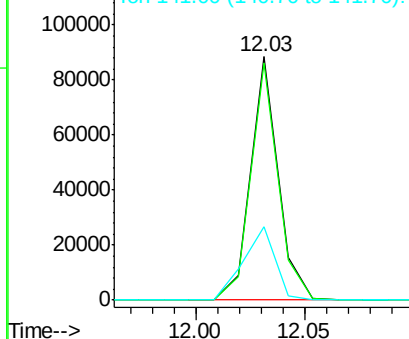


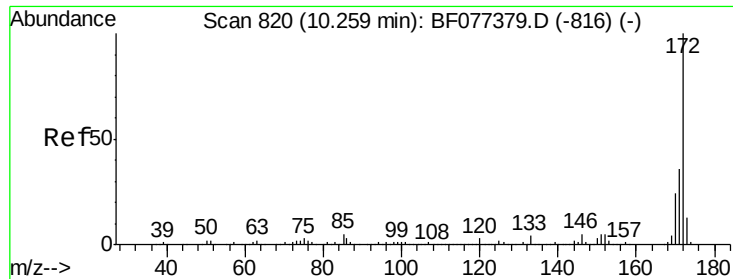
#41
 2,4,6-Tribromophenol
 Concen: 73.44 ng
 RT: 12.03 min Scan# 975
 Delta R.T. -0.03 min
 Lab File: BF077415.D
 Acq: 24 Feb 2015 14:07

Tgt Ion:330 Resp: 77737
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.4 116.2
 141 34.7 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

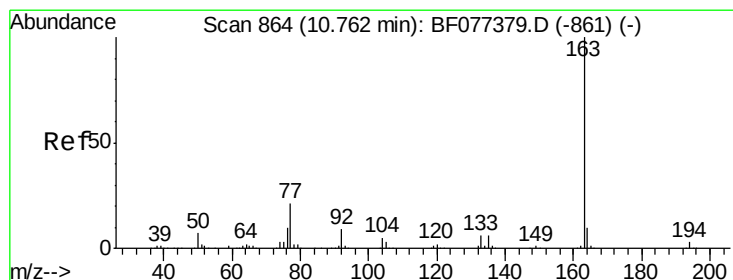
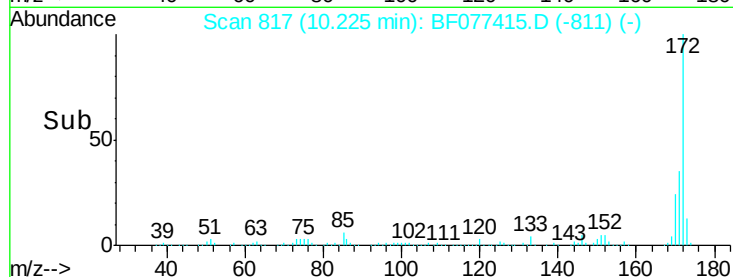
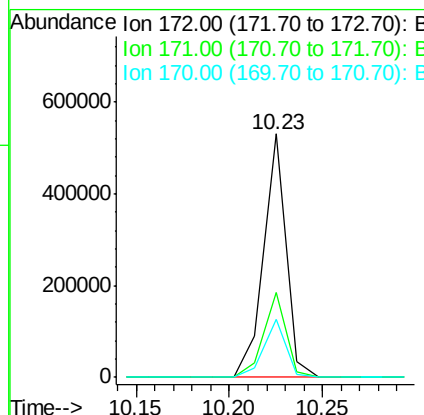
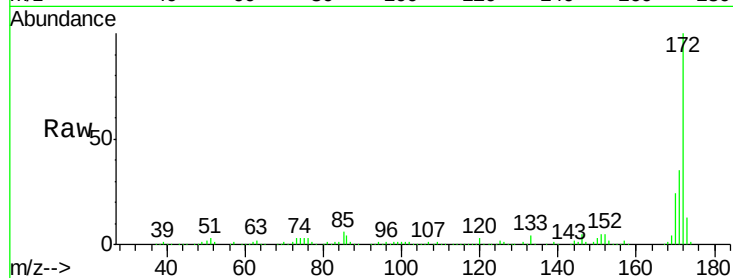




#44
2-Fluorobiphenyl
Concen: 63.90 ng
RT: 10.23 min Scan# 817
Delta R.T. -0.03 min
Lab File: BF077415.D
Acq: 24 Feb 2015 14:07

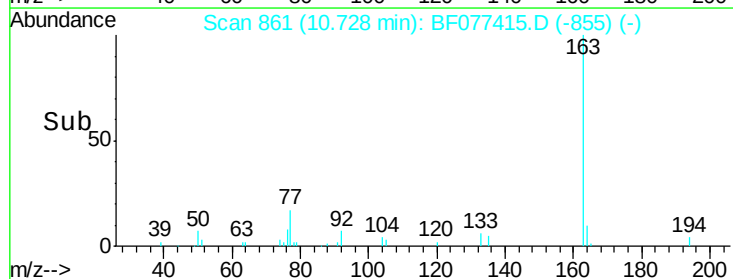
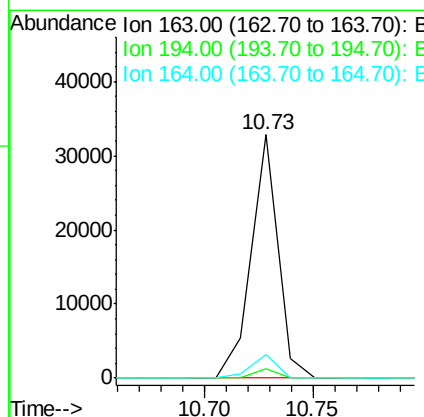
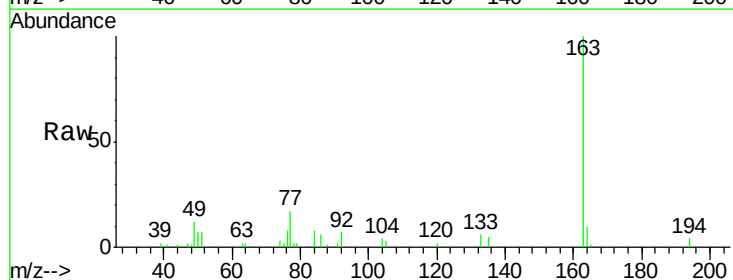
Instrument :
BNA_F
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DRILL-CUTTINGS

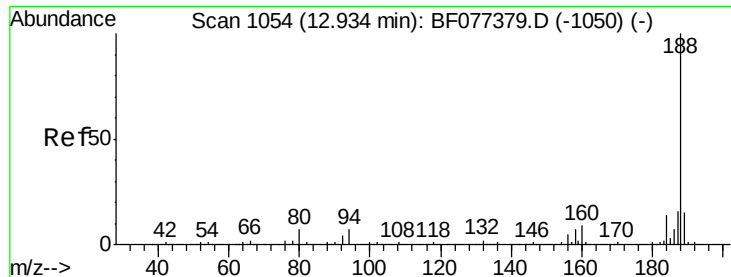
Tgt Ion:172 Resp: 450457
Ion Ratio Lower Upper
172 100
171 34.9 28.9 43.3
170 23.7 19.4 29.2



#49
Dimethylphthalate
Concen: 3.63 ng
RT: 10.73 min Scan# 861
Delta R.T. -0.03 min
Lab File: BF077415.D
Acq: 24 Feb 2015 14:07

Tgt Ion:163 Resp: 28047
Ion Ratio Lower Upper
163 100
194 4.0 2.6 4.0#
164 9.8 8.6 13.0

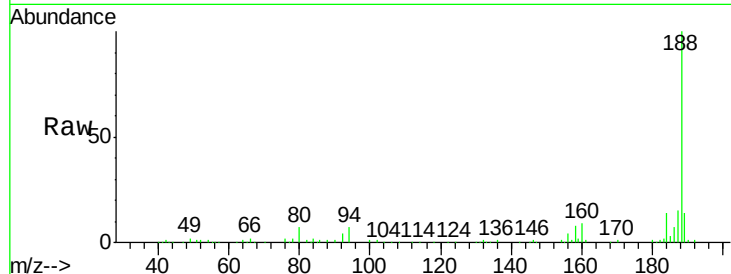




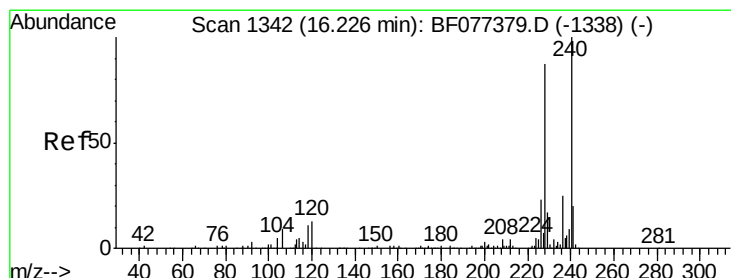
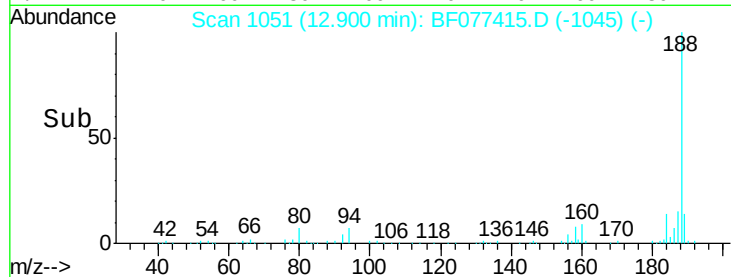
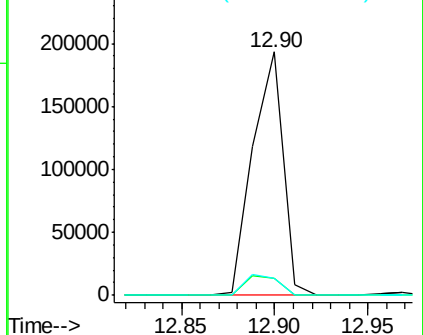
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.90 min Scan# 1051
Delta R.T. -0.03 min
Lab File: BF077415.D
Acq: 24 Feb 2015 14:07

Instrument :
BNA_F
ClientSampleId :
DRILL-CUTTINGS

Tgt Ion:188 Resp: 221082
Ion Ratio Lower Upper
188 100
94 7.2 7.4 11.2#
80 7.3 8.0 12.0#

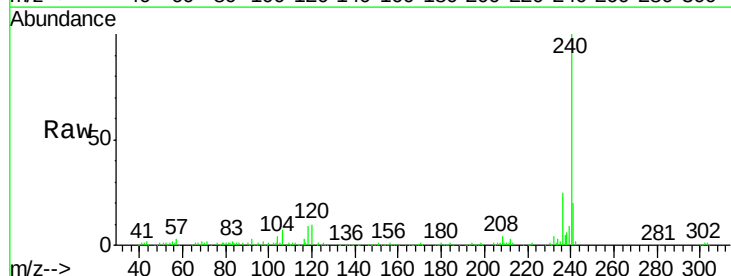


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

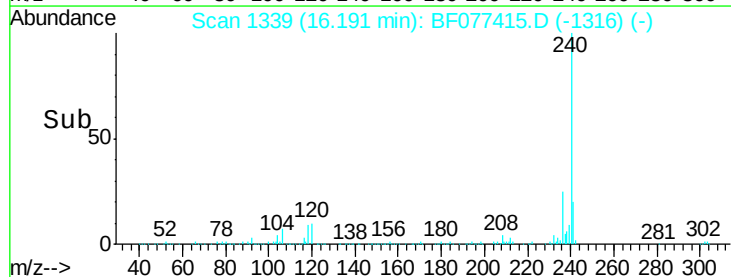
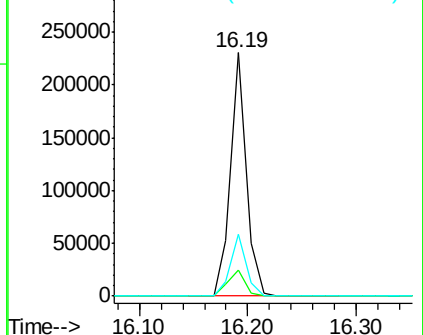


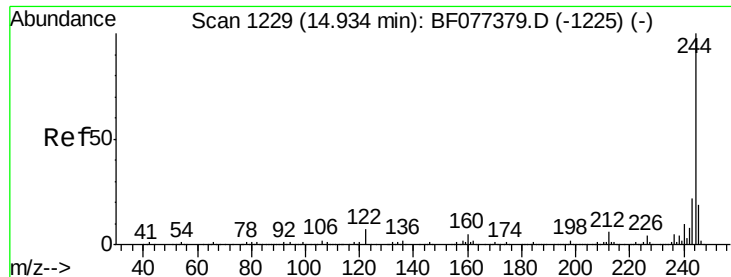
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.19 min Scan# 1339
Delta R.T. -0.03 min
Lab File: BF077415.D
Acq: 24 Feb 2015 14:07

Tgt Ion:240 Resp: 232055
Ion Ratio Lower Upper
240 100
120 10.5 8.8 13.2
236 25.3 20.7 31.1



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

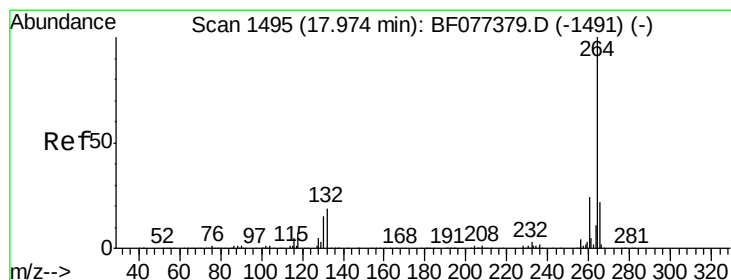
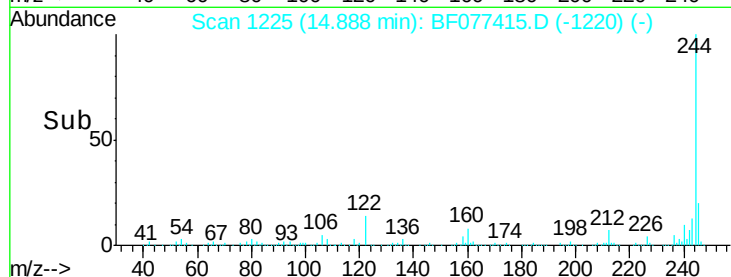
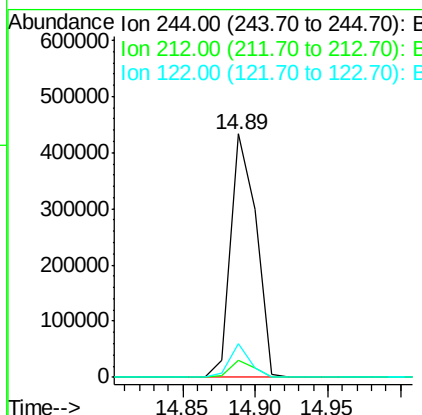
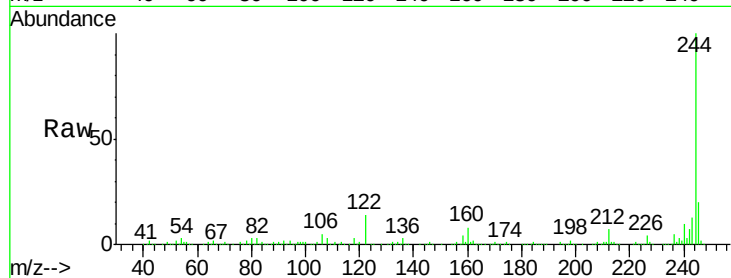




#78
 Terphenyl-d14
 Concen: 53.13 ng
 RT: 14.89 min Scan# 1225
 Delta R.T. -0.05 min
 Lab File: BF077415.D
 Acq: 24 Feb 2015 14:07

Instrument :
 BNA_F
 ClientSampleId :
 DRILL-CUTTINGS

Tgt Ion:244 Resp: 527368
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.2 7.8
 122 13.7 7.8 11.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.97 min Scan# 1495
 Delta R.T. 0.02 min
 Lab File: BF077415.D
 Acq: 24 Feb 2015 14:07

Tgt Ion:264 Resp: 234398
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.3 28.9
 265 20.9 16.8 25.2

