

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012215\
 Data File : BF077015.D
 Acq On : 22 Jan 2015 16:47
 Operator : TP/IZ
 Sample : G1130-01
 Misc : S
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRILLCUTTINGS

Quant Time: Jan 23 00:28:06 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 23 00:19:18 2015
 Response via : Initial Calibration

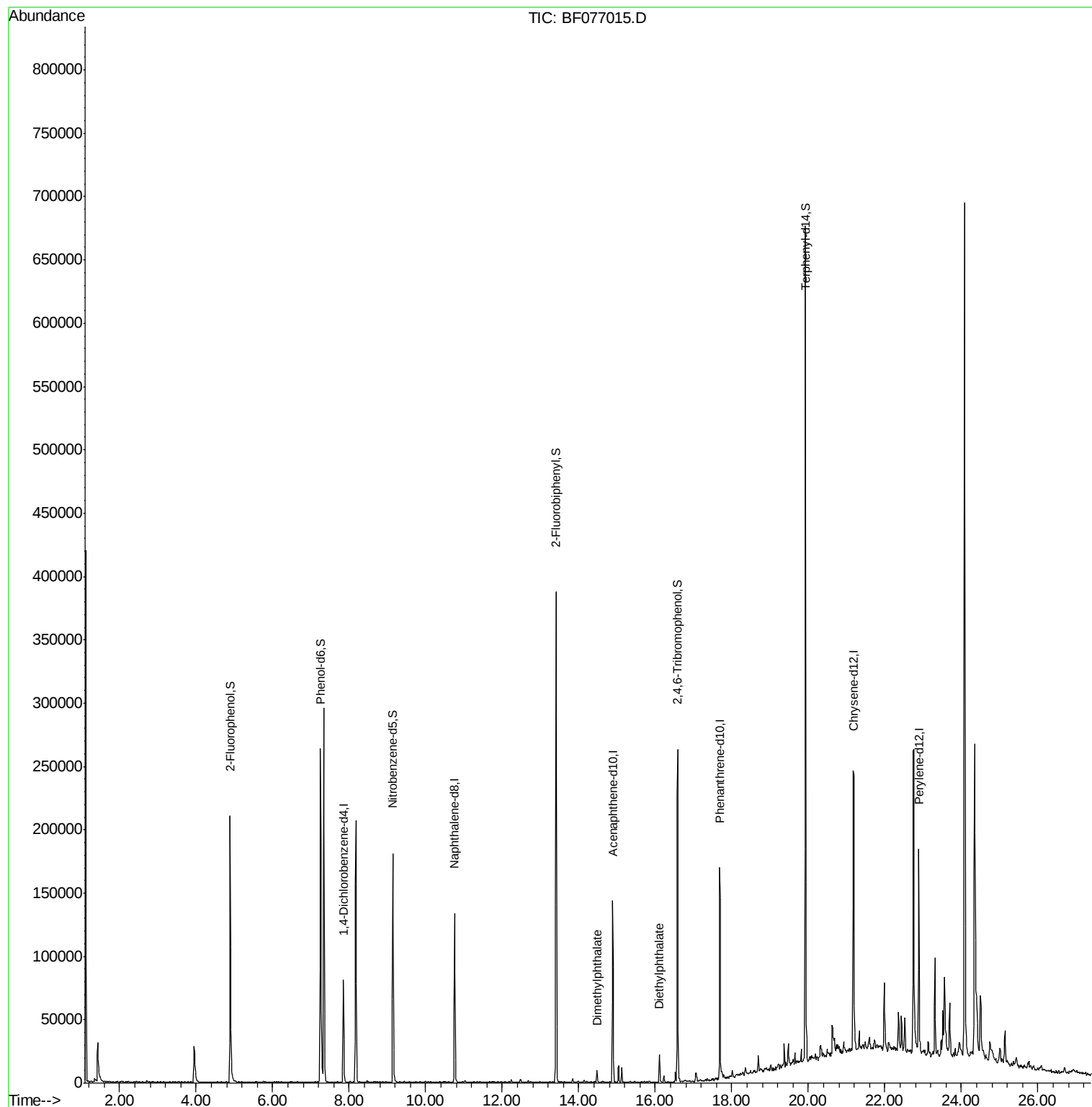
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	23355	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	106841	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	55350	20.00	ng	-0.01
63) Phenanthrene-d10	17.68	188	93368	20.00	ng	-0.01
75) Chrysene-d12	21.19	240	83728	20.00	ng	0.00
86) Perylene-d12	22.88	264	73893	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.89	112	120944	85.14	ng	0.00
7) Phenol-d6	7.25	99	162598	90.74	ng	-0.01
23) Nitrobenzene-d5	9.14	82	99481	51.58	ng	-0.01
41) 2,4,6-Tribromophenol	16.59	330	40803	90.82	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	214097	58.86	ng	-0.01
78) Terphenyl-d14	19.92	244	222608	61.21	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.48	163	9109	2.32	ng	Qvalue # 96
59) Diethylphthalate	16.11	149	16522	4.16	ng	97

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

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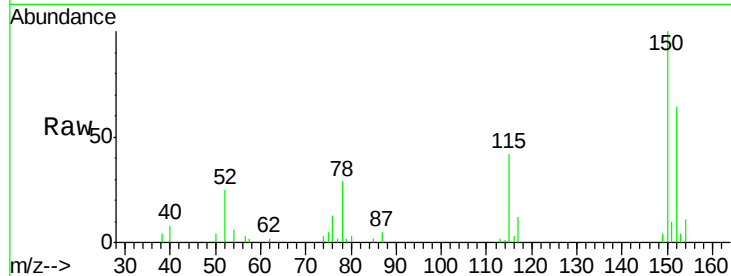


#1

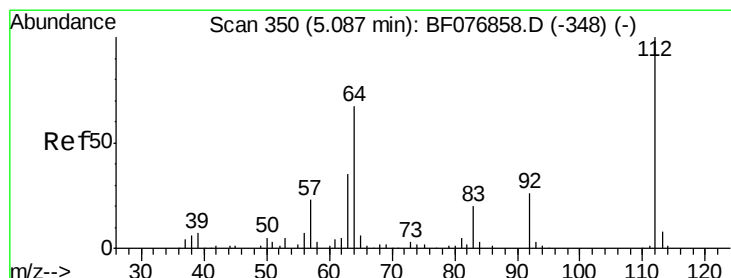
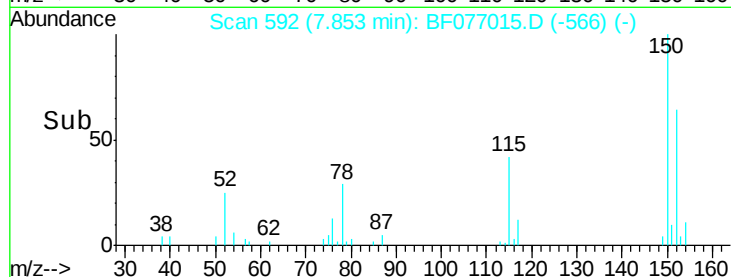
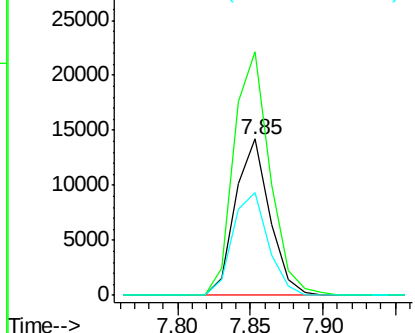
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.85 min Scan# 592
Delta R.T. 0.00 min
Lab File: BF077015.D
Acq: 22 Jan 2015 16:47

Instrument :
BNA_F
ClientSampleId :
DRILLCUTTINGS

Tot Ion:152 Resp: 23355
Ion Ratio Lower Upper
152 100
150 155.8 121.7 182.5
115 65.5 47.0 70.6



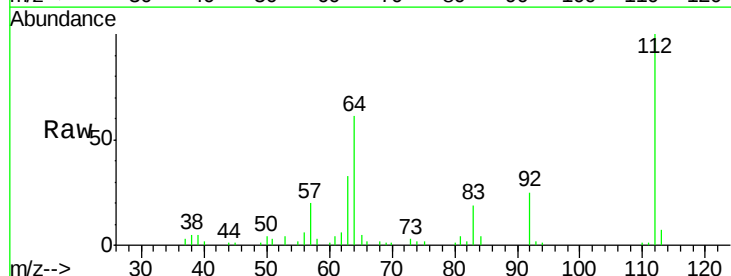
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



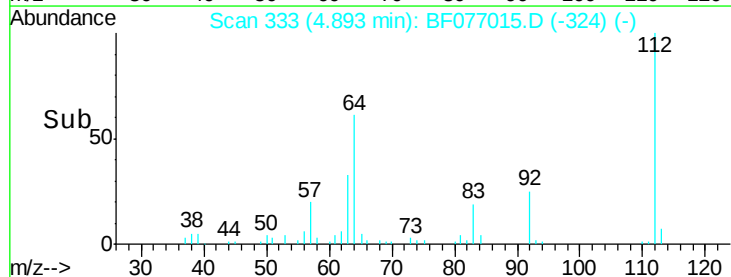
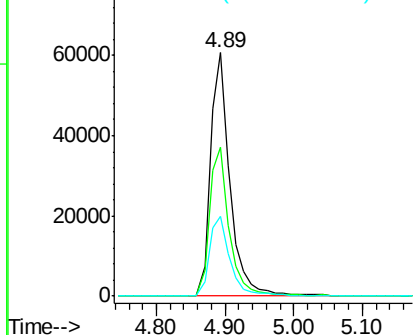
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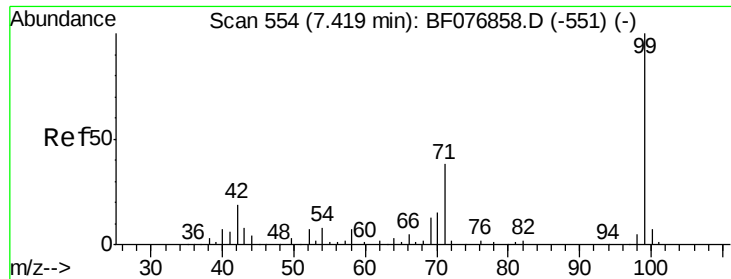
2-Fluorophenol
Concen: 85.14 ng
RT: 4.89 min Scan# 333
Delta R.T. 0.00 min
Lab File: BF077015.D
Acq: 22 Jan 2015 16:47

Tgt Ion:112 Resp: 120944
Ion Ratio Lower Upper
112 100
64 61.3 54.2 81.4
63 32.6 28.4 42.6



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: 90.74 ng

RT: 7.25 min Scan# 539

Delta R.T. -0.01 min

Lab File: BF077015.D

Acq: 22 Jan 2015 16:47

Instrument :

BNA_F

ClientSampleId :

DRILLCUTTINGS

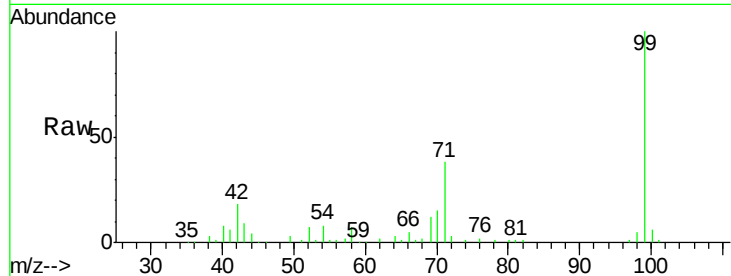
Tot Ion: 99 Resp: 162598

Ion Ratio Lower Upper

99 100

42 17.9 15.0 22.4

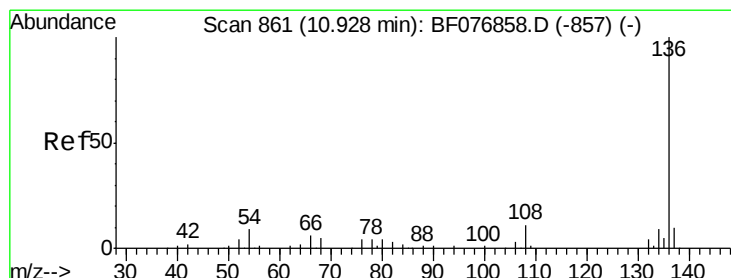
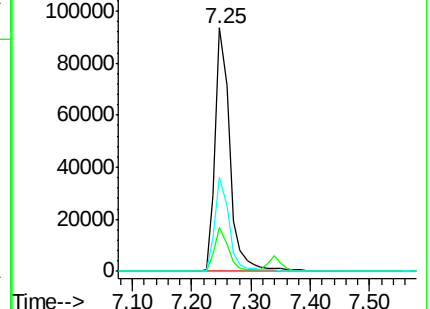
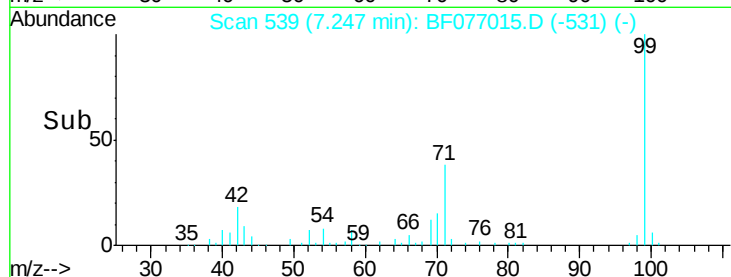
71 38.3 30.5 45.7



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: 10.76 min Scan# 846

Delta R.T. 0.00 min

Lab File: BF077015.D

Acq: 22 Jan 2015 16:47

Tgt Ion: 136 Resp: 106841

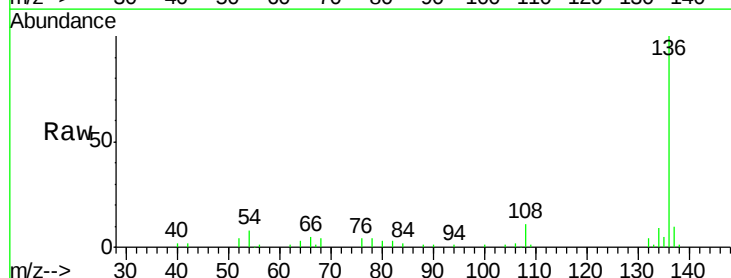
Ion Ratio Lower Upper

136 100

137 10.4 8.1 12.1

54 7.8 7.0 10.4

68 4.2 3.7 5.5

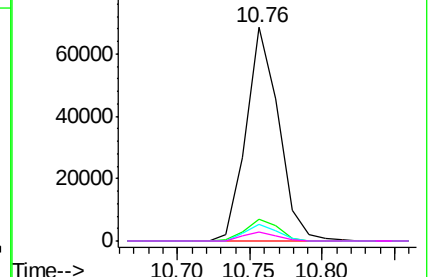
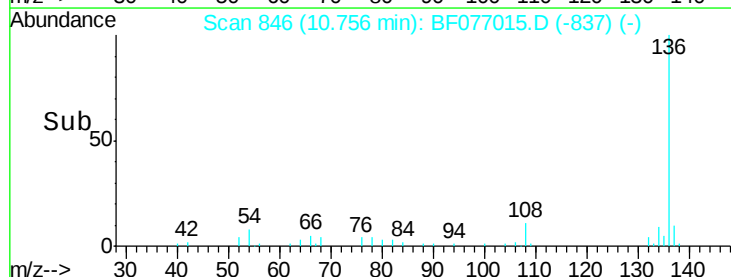


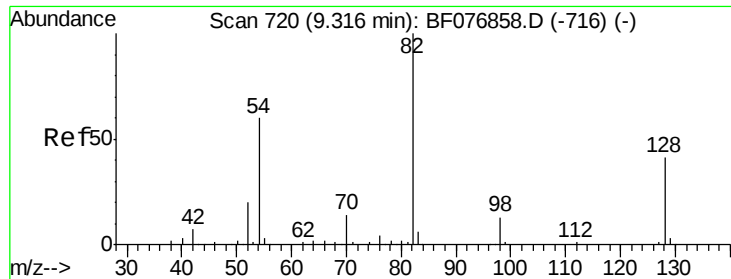
Abundance Ion 136.00 (135.70 to 136.70): E

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: 51.58 ng

RT: 9.14 min Scan# 705

Delta R.T. -0.01 min

Lab File: BF077015.D

Acq: 22 Jan 2015 16:47

Instrument :

BNA_F

ClientSampleId :

DRILLCUTTINGS

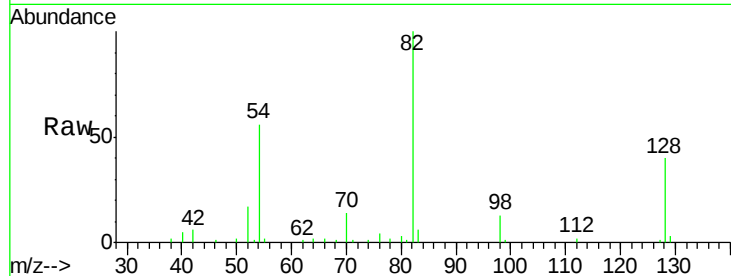
Tot Ion: 82 Resp: 99481

Ion Ratio Lower Upper

82 100

128 39.8 33.1 49.7

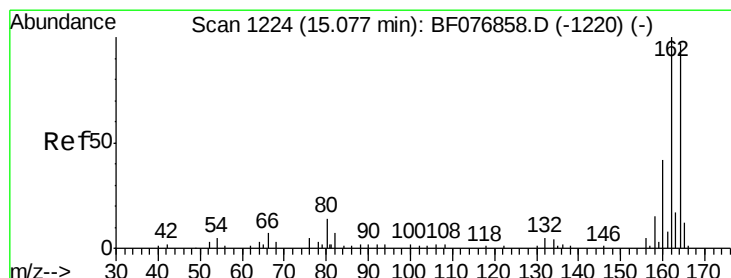
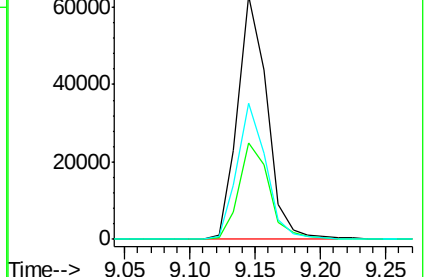
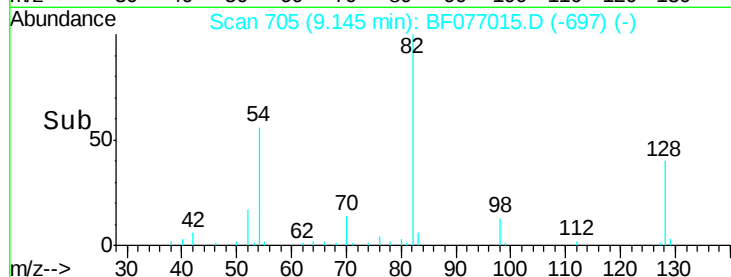
54 55.7 48.3 72.5



Abundance Ion 82.00 (81.70 to 82.70): BF076858.D (-716) (-)

Ion 128.00 (127.70 to 128.70): BF076858.D (-716) (-)

Ion 54.00 (53.70 to 54.70): BF076858.D (-716) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.88 min Scan# 1207

Delta R.T. -0.01 min

Lab File: BF077015.D

Acq: 22 Jan 2015 16:47

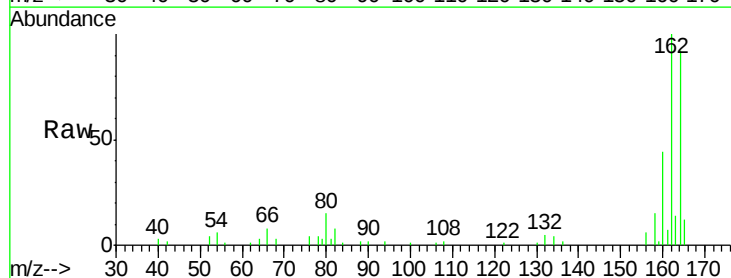
Tgt Ion: 164 Resp: 55350

Ion Ratio Lower Upper

164 100

162 108.8 82.4 123.6

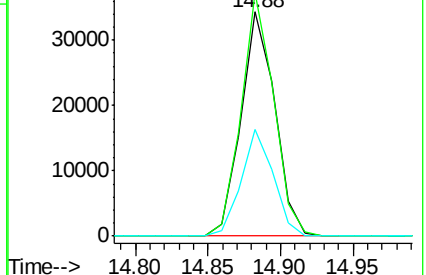
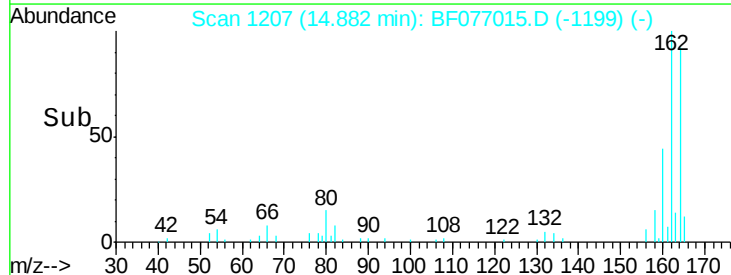
160 47.7 34.8 52.2

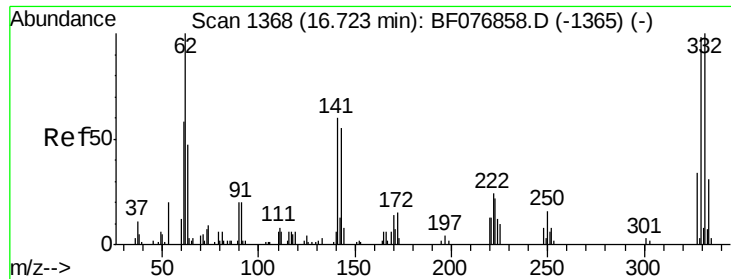


Abundance Ion 164.00 (163.70 to 164.70): BF076858.D (-1220) (-)

Ion 162.00 (161.70 to 162.70): BF076858.D (-1220) (-)

Ion 160.00 (159.70 to 160.70): BF076858.D (-1220) (-)

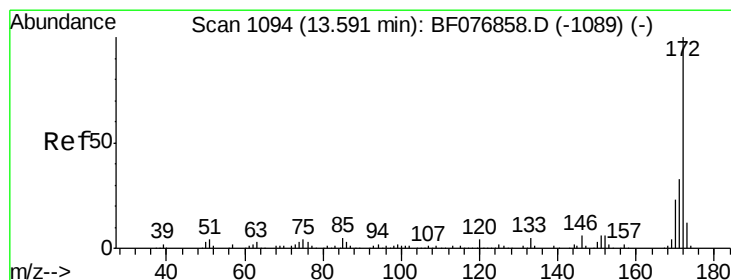
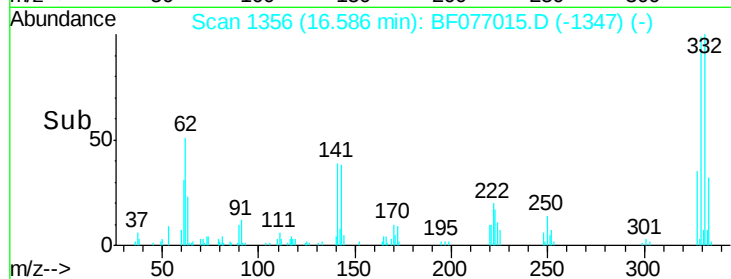
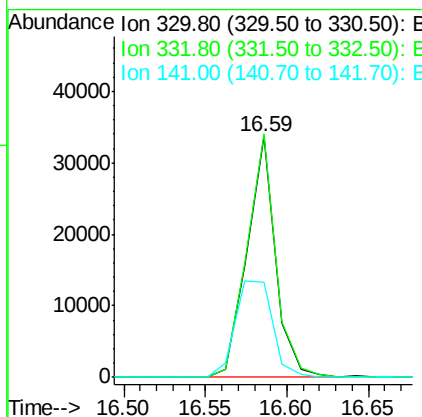
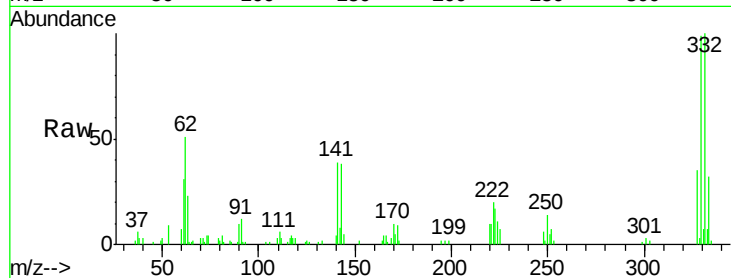




#41
 2,4,6-Tribromophenol
 Concen: 90.82 ng
 RT: 16.59 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: BF077015.D
 Acq: 22 Jan 2015 16:47

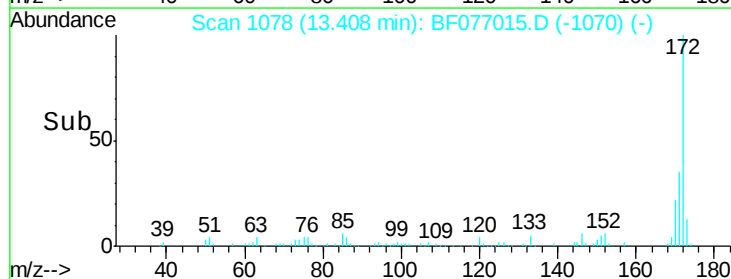
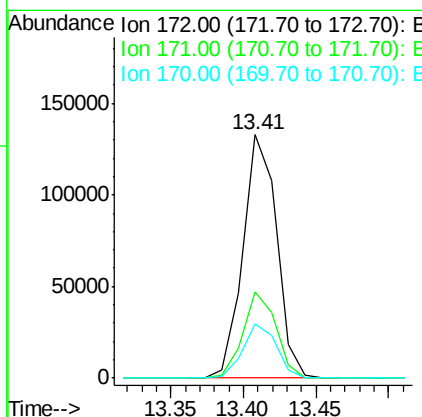
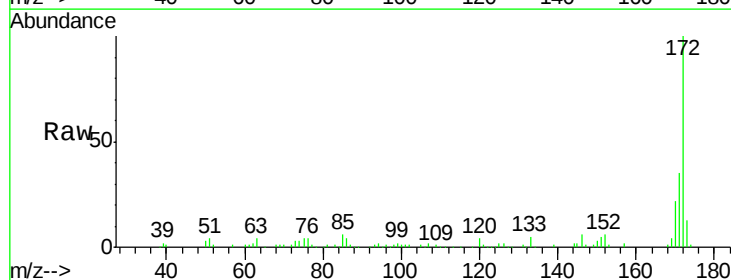
Instrument :
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 ClientSampleId :
 DRILLCUTTINGS

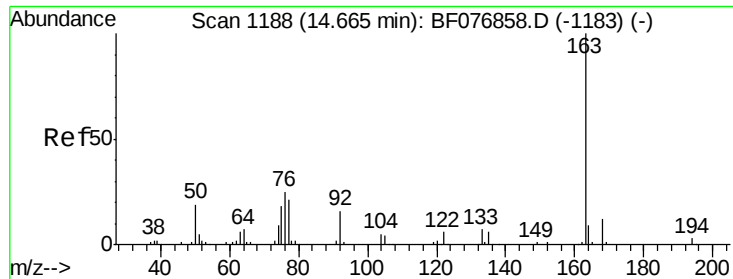
Tot Ion:330 Resp: 40803
 Ion Ratio Lower Upper
 330 100
 332 101.7 77.8 116.6
 141 52.0 38.5 57.7



#44
 2-Fluorobiphenyl
 Concen: 58.86 ng
 RT: 13.41 min Scan# 1078
 Delta R.T. -0.01 min
 Lab File: BF077015.D
 Acq: 22 Jan 2015 16:47

Tgt Ion:172 Resp: 214097
 Ion Ratio Lower Upper
 172 100
 171 35.4 26.6 40.0
 170 22.4 18.0 27.0

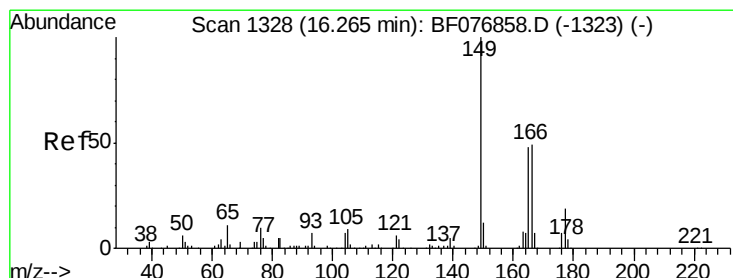
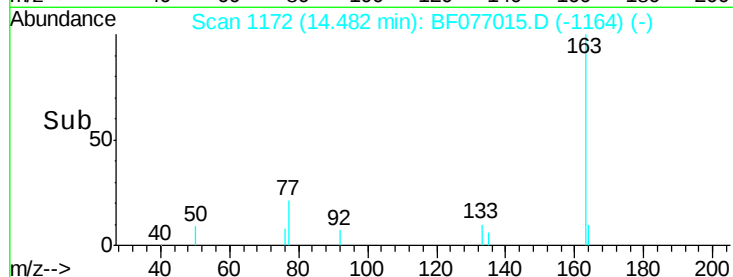
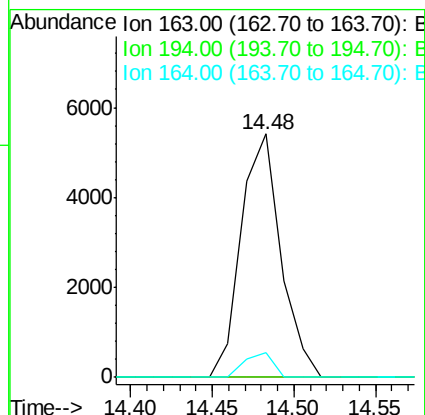
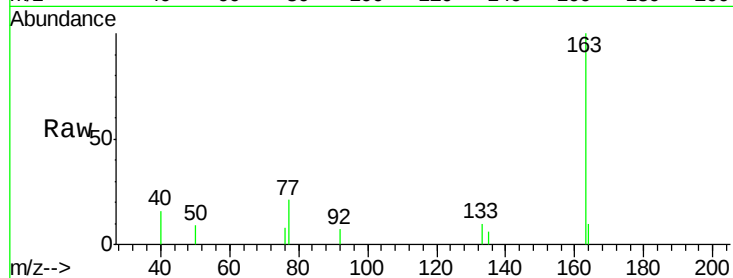




#49
Dimethylphthalate
Concen: 2.32 ng
RT: 14.48 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF077015.D
Acq: 22 Jan 2015 16:47

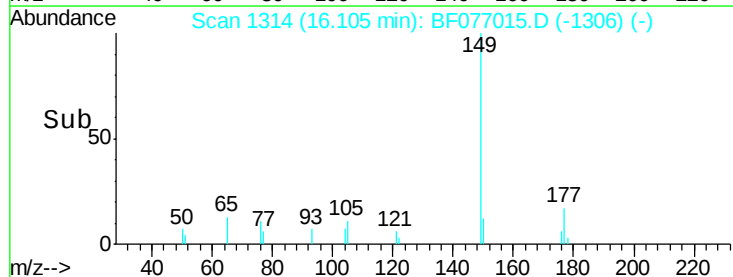
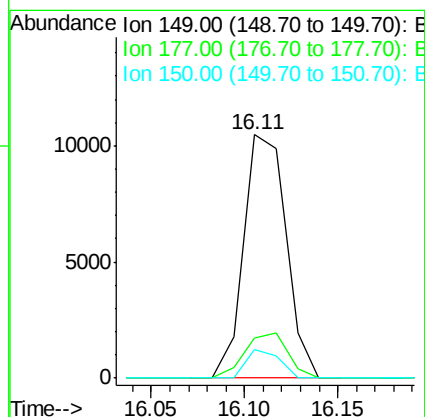
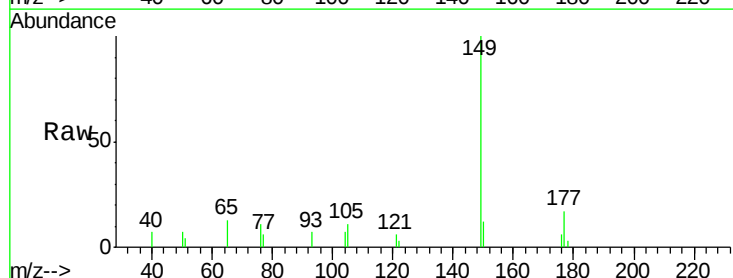
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BNA_F
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DRILLCUTTINGS

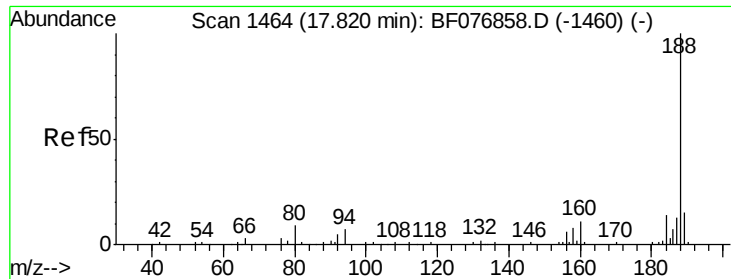
Tot Ion:163 Resp: 9109
Ion Ratio Lower Upper
163 100
194 0.0 2.6 4.0#
164 10.1 7.5 11.3



#59
Diethylphthalate
Concen: 4.16 ng
RT: 16.11 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF077015.D
Acq: 22 Jan 2015 16:47

Tgt Ion:149 Resp: 16522
Ion Ratio Lower Upper
149 100
177 16.7 15.0 22.6
150 11.9 9.4 14.0

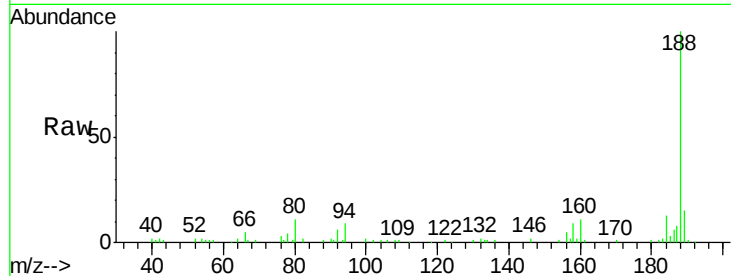




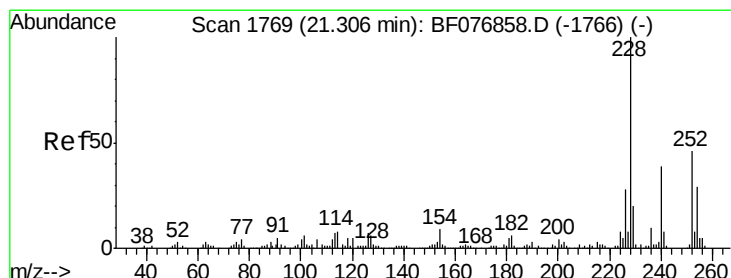
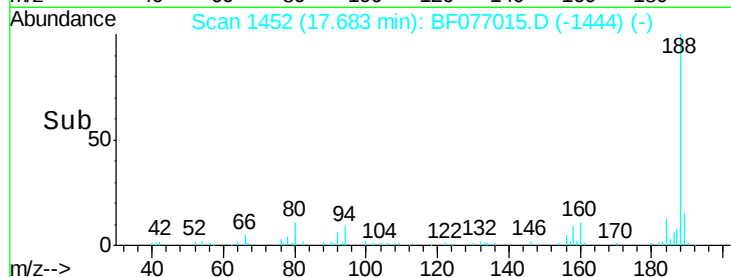
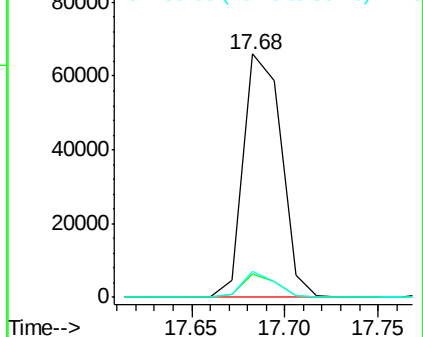
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.68 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF077015.D
Acq: 22 Jan 2015 16:47

Instrument :
BNA_F
ClientSampleId :
DRILLCUTTINGS

Tot Ion:188 Resp: 93368
Ion Ratio Lower Upper
188 100
94 9.4 6.0 9.0#
80 10.6 6.9 10.3#

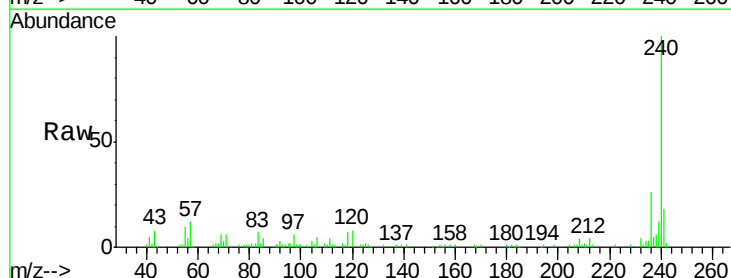


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

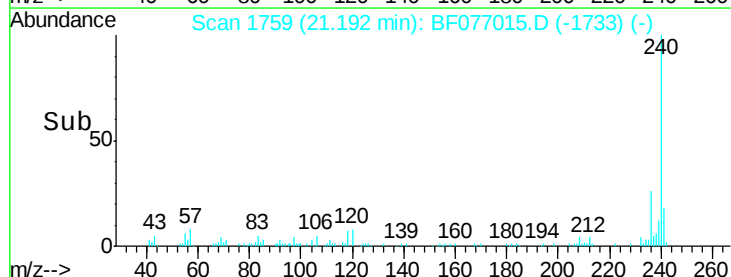
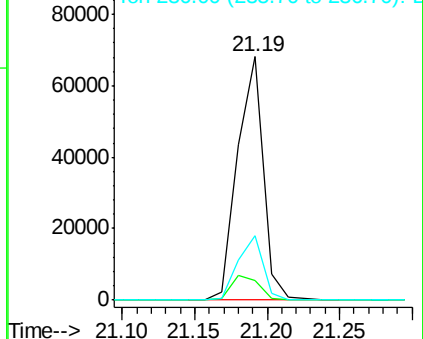


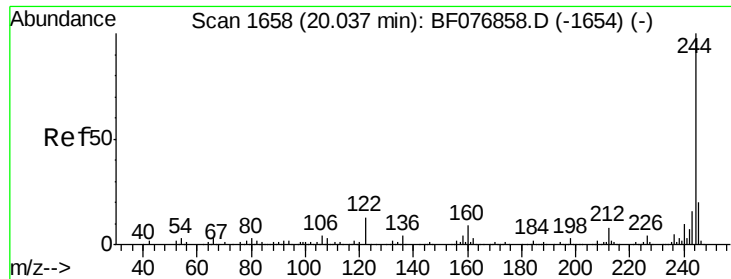
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.19 min Scan# 1759
Delta R.T. 0.00 min
Lab File: BF077015.D
Acq: 22 Jan 2015 16:47

Tgt Ion:240 Resp: 83728
Ion Ratio Lower Upper
240 100
120 8.0 10.4 15.6#
236 26.3 20.2 30.2



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

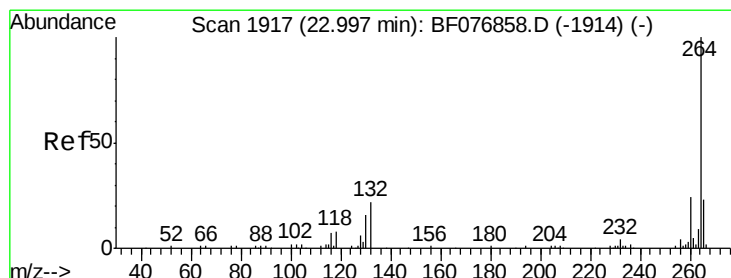
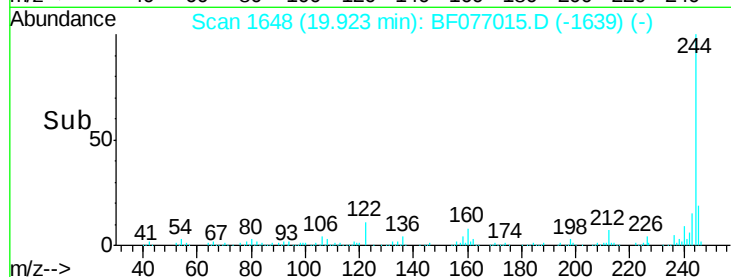
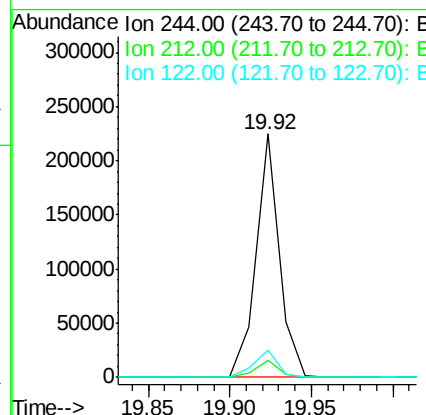
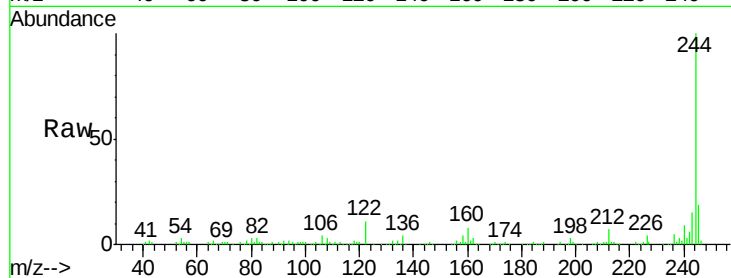




#78
 Terphenyl-d14
 Concen: 61.21 ng
 RT: 19.92 min Scan# 1648
 Delta R.T. 0.00 min
 Lab File: BF077015.D
 Acq: 22 Jan 2015 16:47

Instrument :
 BNA_F
 ClientSampleId :
 DRILLCUTTINGS

Tot Ion:244 Resp: 222608
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.3 9.5
 122 11.2 10.1 15.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.88 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: BF077015.D
 Acq: 22 Jan 2015 16:47

Tgt Ion:264 Resp: 73893
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.4
 265 19.1 18.1 27.1

