

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051915\
 Data File : BF079369.D
 Acq On : 20 May 2015 6:24
 Operator : TP/IZ
 Sample : G2289-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-35D

Quant Time: May 20 07:22:59 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 20 07:04:25 2015
 Response via : Initial Calibration

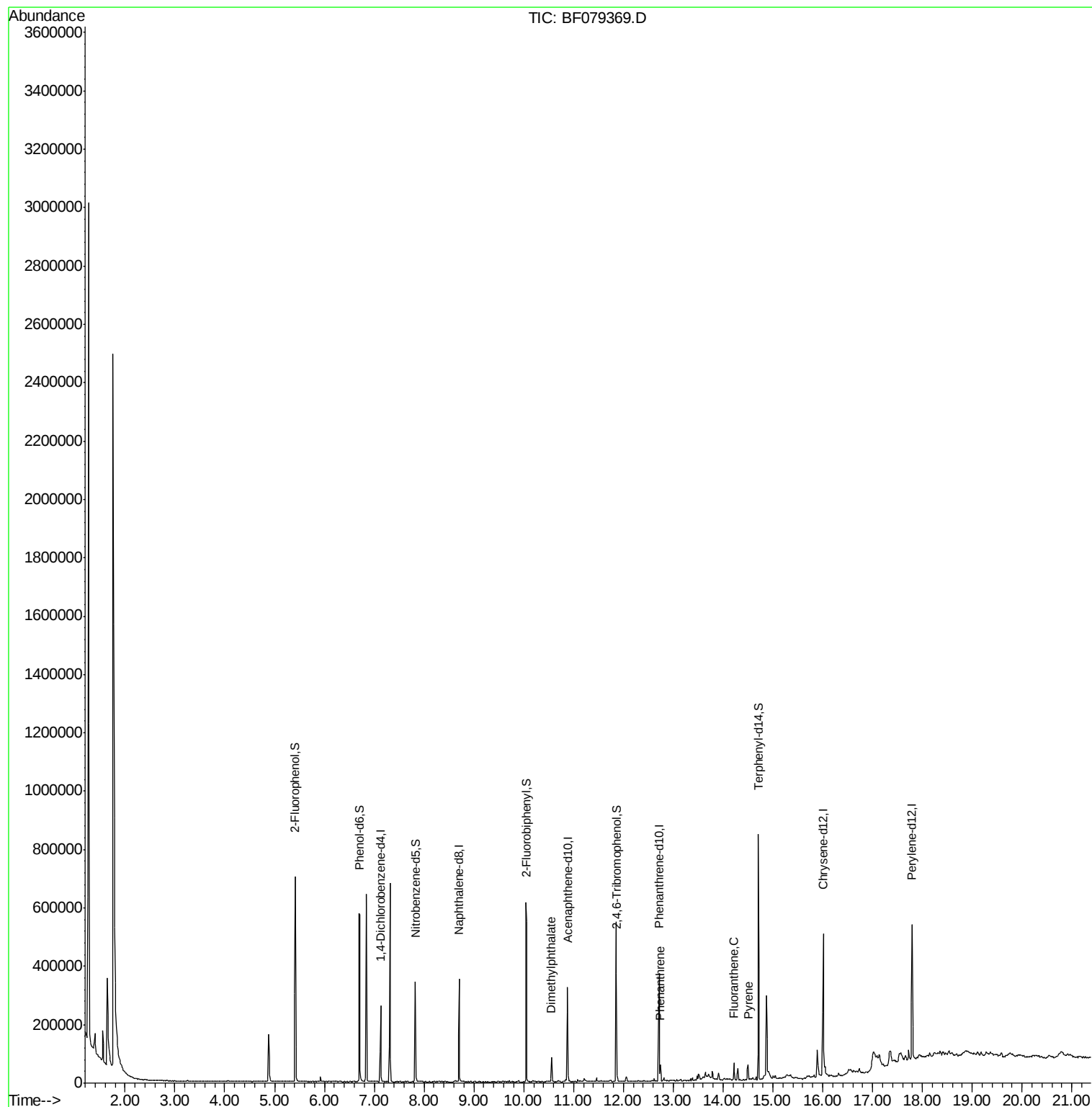
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	44495	20.00	ng	0.00
21) Naphthalene-d8	8.71	136	185028	20.00	ng	0.00
38) Acenaphthene-d10	10.88	164	88491	20.00	ng	0.00
63) Phenanthrene-d10	12.72	188	171808	20.00	ng	0.00
75) Chrysene-d12	16.01	240	186919	20.00	ng	0.01
86) Perylene-d12	17.79	264	200716	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	235450m	91.09	ng	0.01
7) Phenol-d6	6.71	99	309137	90.48	ng	0.00
23) Nitrobenzene-d5	7.83	82	168938	52.47	ng	0.00
41) 2,4,6-Tribromophenol	11.86	330	87272	91.16	ng	0.00
44) 2-Fluorobiphenyl	10.06	172	289025	45.50	ng	0.00
78) Terphenyl-d14	14.71	244	318755	40.83	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	10.56	163	33786	5.20	ng	98
70) Phenanthrene	12.74	178	23106	2.40	ng	99
74) Fluoranthene	14.22	202	30184	3.01	ng	100
77) Pyrene	14.50	202	27901	2.59	ng	99

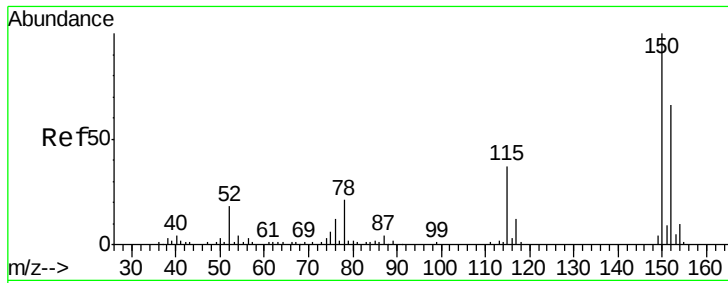
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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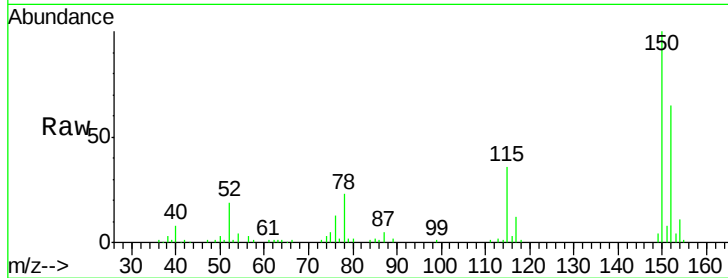




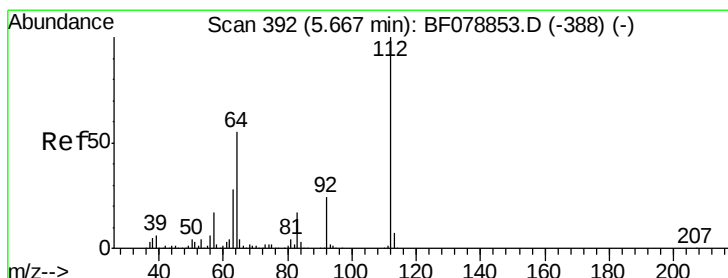
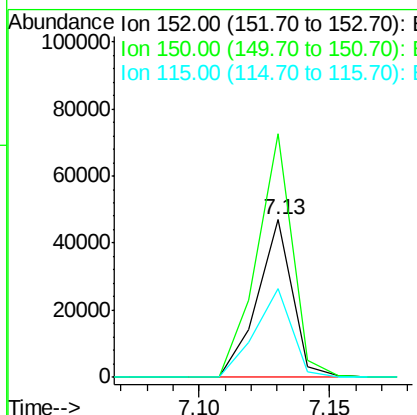
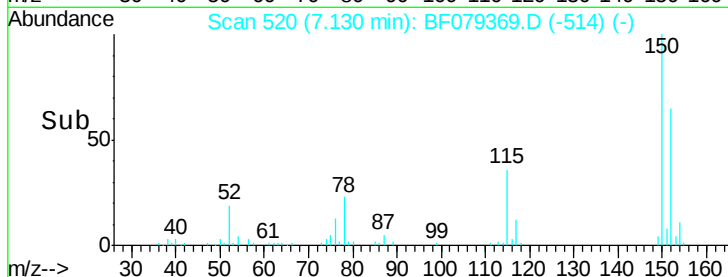
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.13 min Scan# 520
 Delta R.T. 0.00 min
 Lab File: BF079369.D
 Acq: 20 May 2015 6:24

Instrument :
 BNA_F
 ClientSampleID :
 SB-35D

Tot Ion:	152	Resp:	44495
Ion	Ratio	Lower	Upper
152	100		
150	154.7	123.8	185.8
115	56.0	49.4	74.0

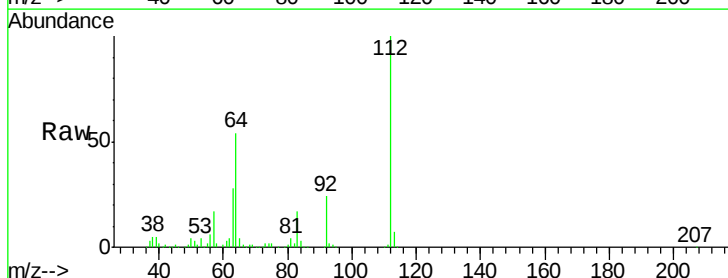


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

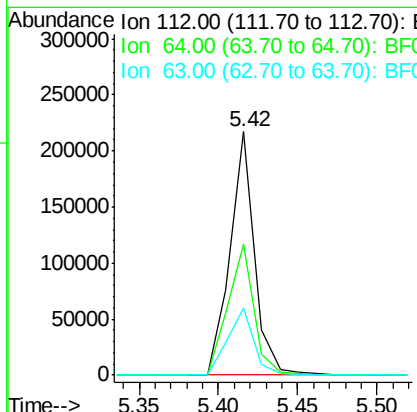
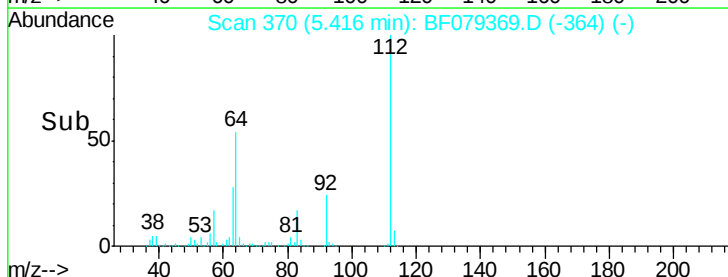


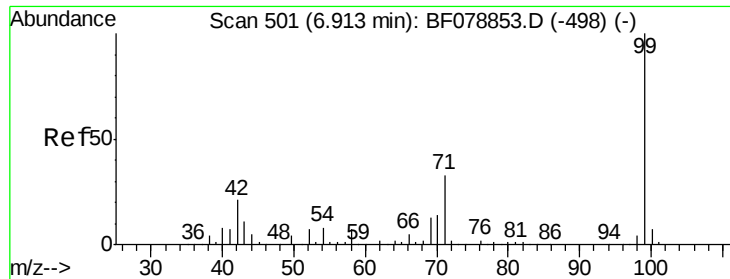
#5
 2-Fluorophenol
 Concen: 91.09 ng m
 RT: 5.42 min Scan# 370
 Delta R.T. 0.01 min
 Lab File: BF079369.D
 Acq: 20 May 2015 6:24

Tgt Ion:	112	Resp:	235450
Ion	Ratio	Lower	Upper
112	100		
64	54.0	44.2	66.2
63	27.5	22.7	34.1



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: 90.48 ng

RT: 6.71 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF079369.D

Acq: 20 May 2015 6:24

Instrument :

BNA_F

ClientSampleId :

SB-35D

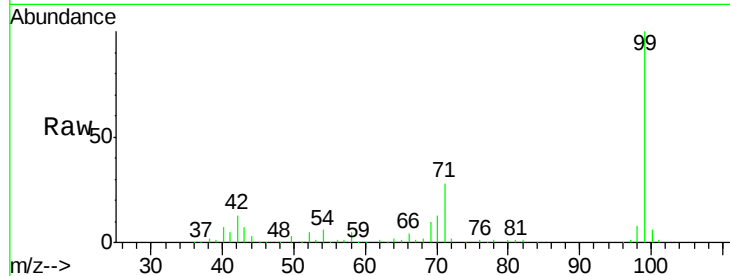
Tot Ion: 99 Resp: 309137

Ion Ratio Lower Upper

99 100

42 13.4 17.1 25.7#

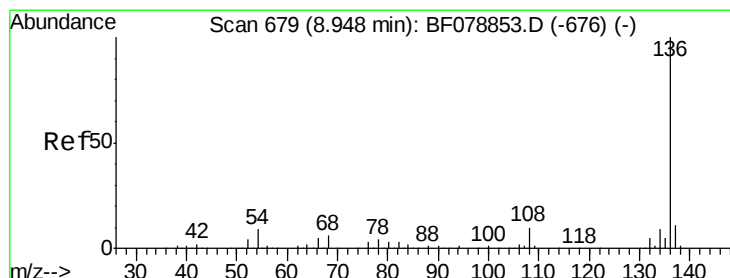
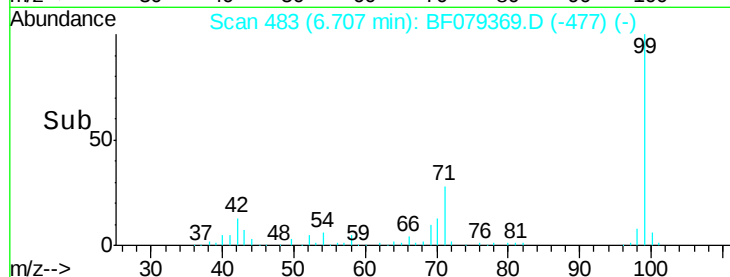
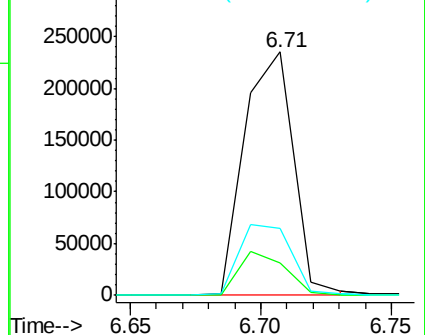
71 27.7 26.3 39.5



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: 8.71 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF079369.D

Acq: 20 May 2015 6:24

Tgt Ion: 136 Resp: 185028

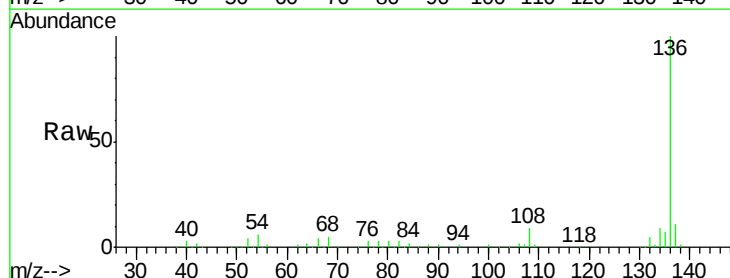
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 6.3 6.9 10.3#

68 4.8 4.9 7.3#

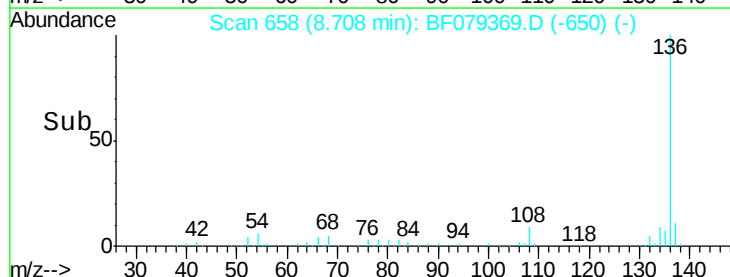
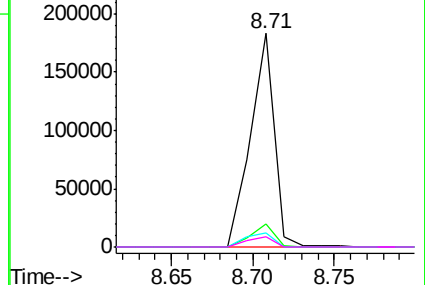


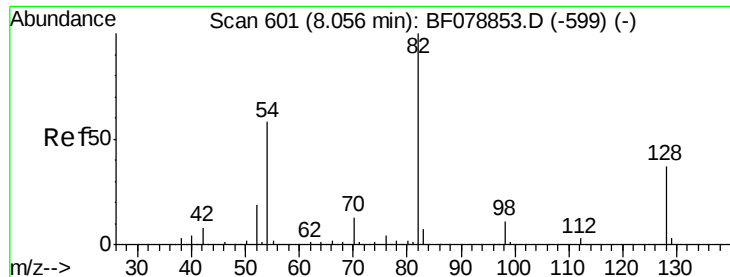
Abundance Ion 136.00 (135.70 to 136.70): E

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: 52.47 ng

RT: 7.83 min Scan# 581

Delta R.T. 0.00 min

Lab File: BF079369.D

Acq: 20 May 2015 6:24

Instrument :

BNA_F

ClientSampleId :

SB-35D

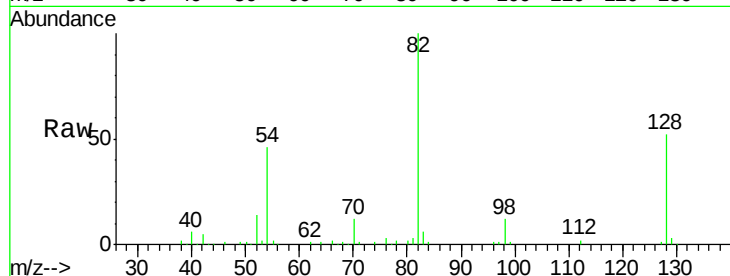
Tot Ion: 82 Resp: 168938

Ion Ratio Lower Upper

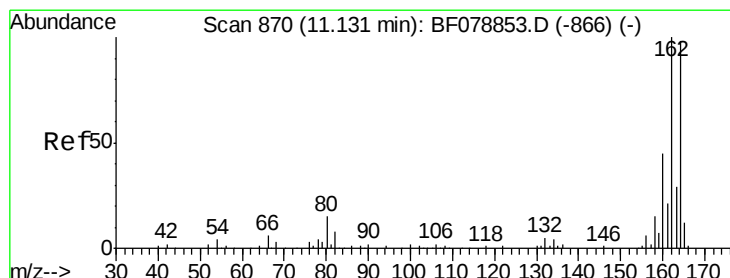
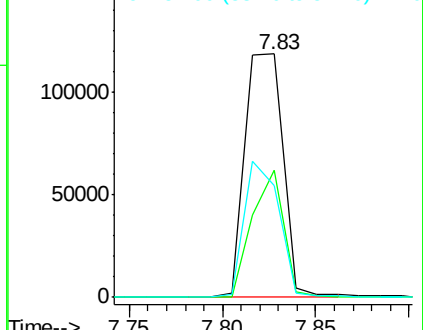
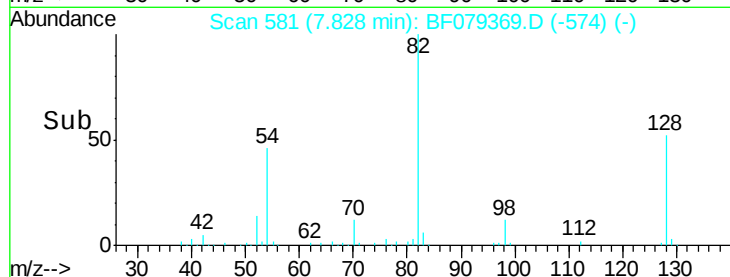
82 100

128 52.2 29.7 44.5#

54 46.0 46.2 69.4#



Abundance Ion 82.00 (81.70 to 82.70): BF079369.D (-574) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.88 min Scan# 848

Delta R.T. 0.00 min

Lab File: BF079369.D

Acq: 20 May 2015 6:24

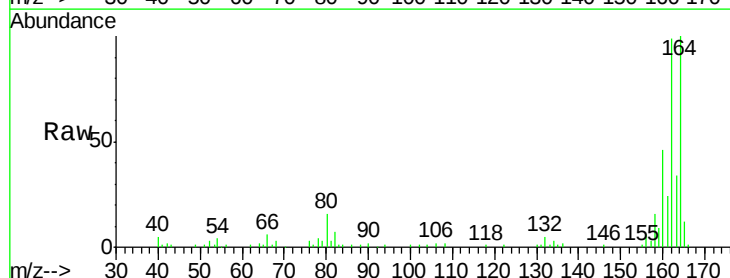
Tgt Ion: 164 Resp: 88491

Ion Ratio Lower Upper

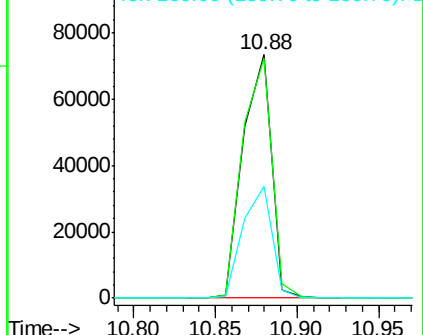
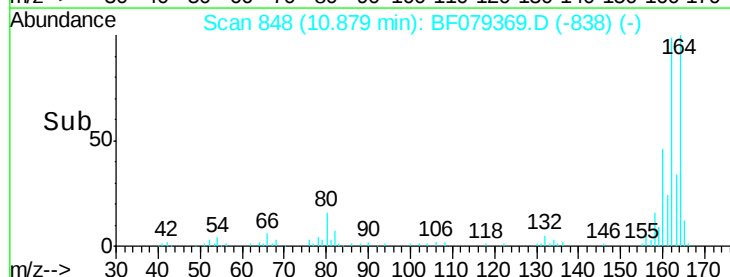
164 100

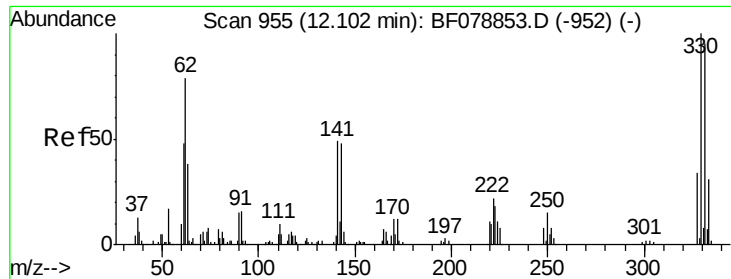
162 98.5 81.4 122.0

160 45.7 36.6 54.8



Abundance Ion 164.00 (163.70 to 164.70): BF079369.D (-838) (-)

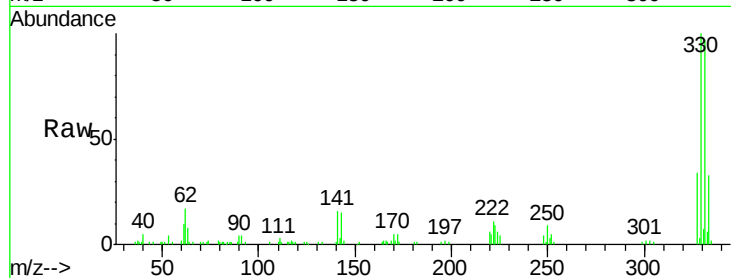




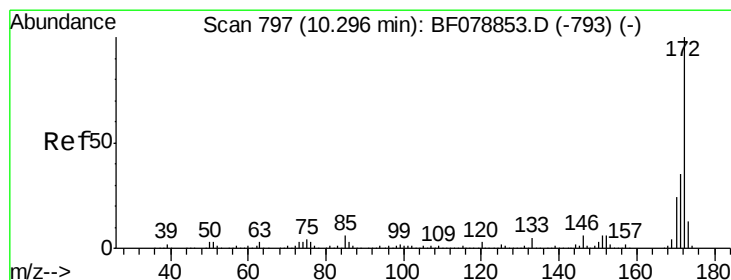
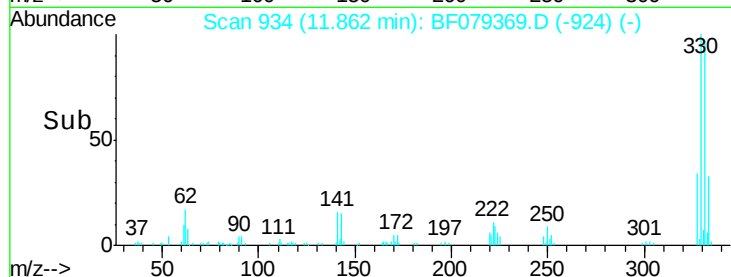
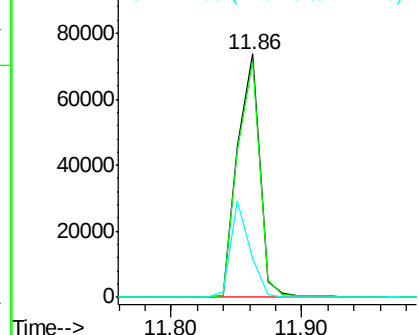
#41
 2,4,6-Tribromophenol
 Concen: 91.16 ng
 RT: 11.86 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF079369.D
 Acq: 20 May 2015 6:24

Instrument :
 BNA_F
 ClientSampleID :
 SB-35D

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.9	115.3
141	34.4	27.8	41.8

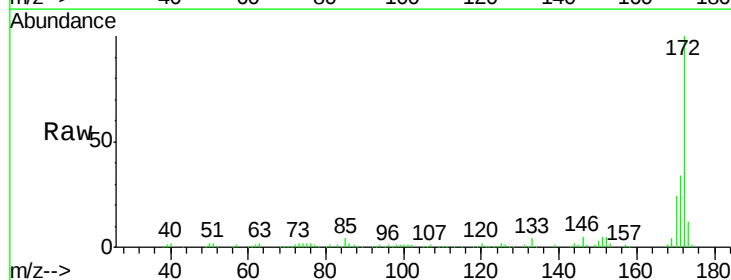


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

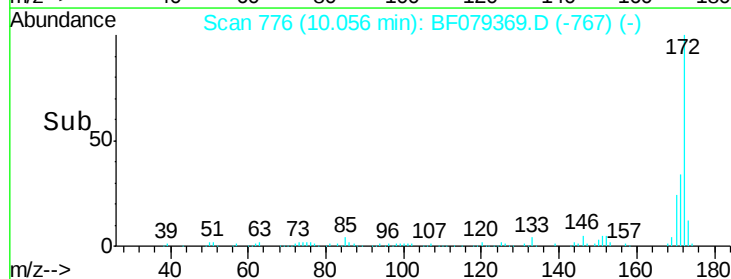
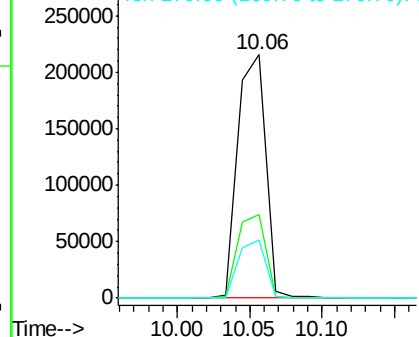


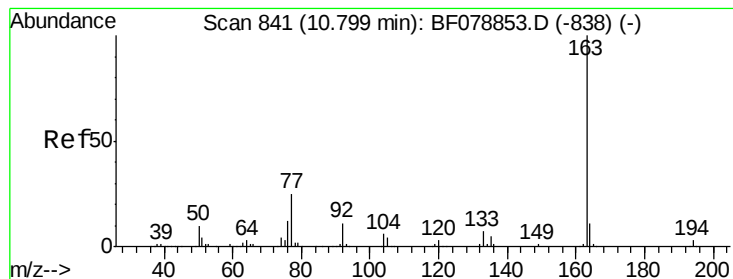
#44
 2-Fluorobiphenyl
 Concen: 45.50 ng
 RT: 10.06 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF079369.D
 Acq: 20 May 2015 6:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.3	42.5
170	24.0	19.4	29.2



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





#49

Dimethylphthalate

Concen: 5.20 ng

RT: 10.56 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF079369.D

Acq: 20 May 2015 6:24

Instrument :

BNA_F

ClientSampleId :

SB-35D

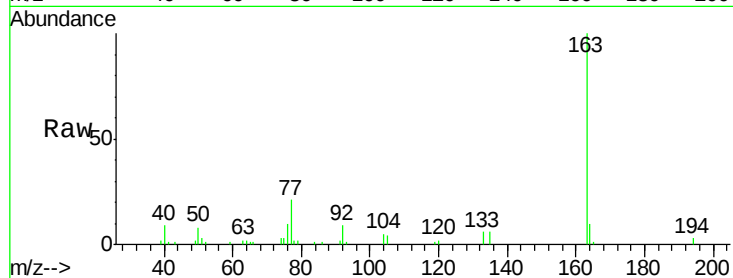
Tot Ion:163 Resp: 33786

Ion Ratio Lower Upper

163 100

194 3.3 2.4 3.6

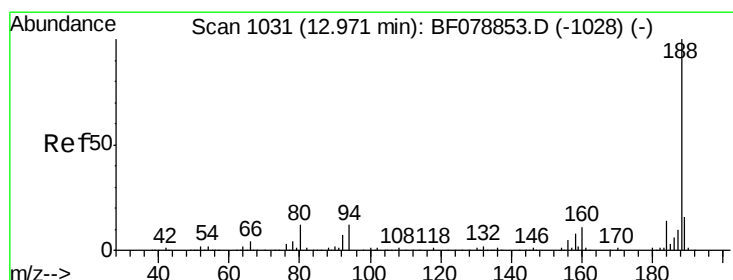
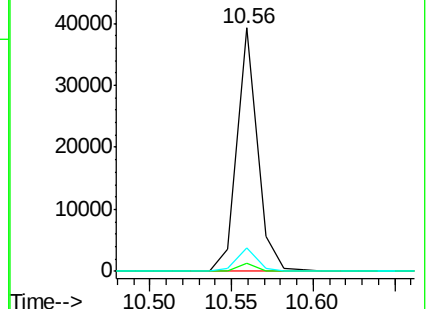
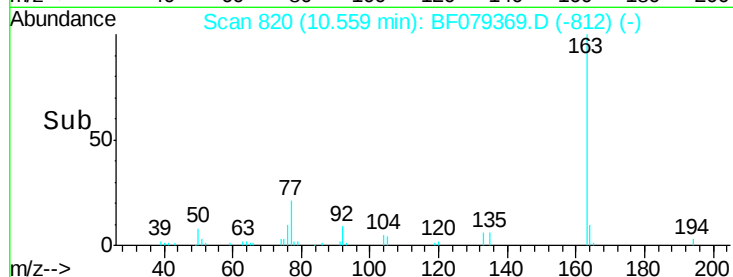
164 9.7 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.72 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF079369.D

Acq: 20 May 2015 6:24

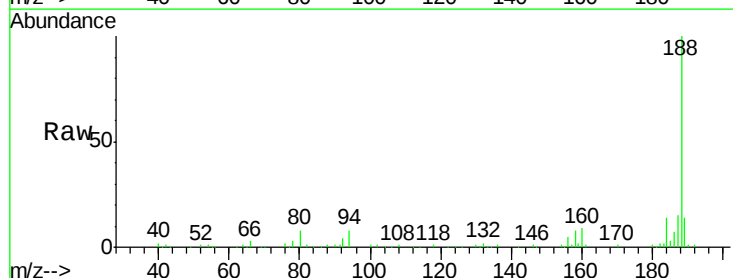
Tgt Ion:188 Resp: 171808

Ion Ratio Lower Upper

188 100

94 8.2 9.4 14.0#

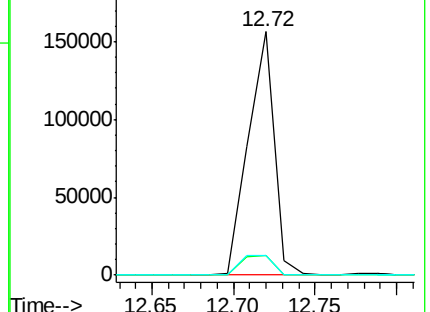
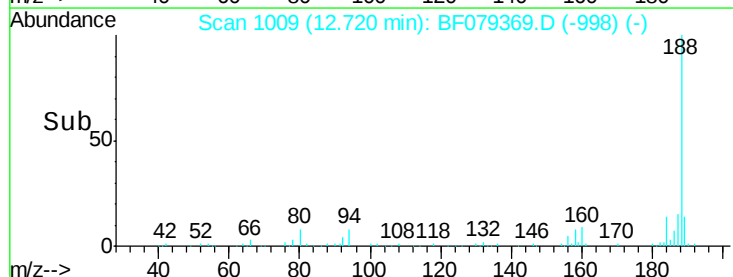
80 8.0 9.8 14.6#

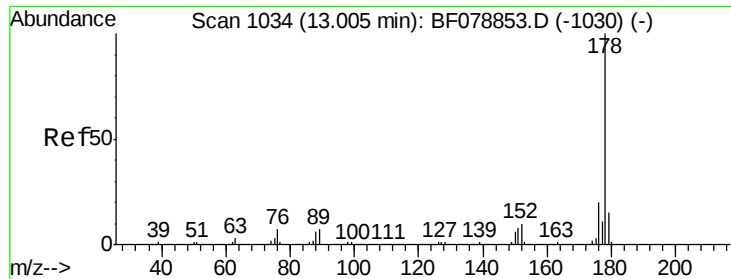


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

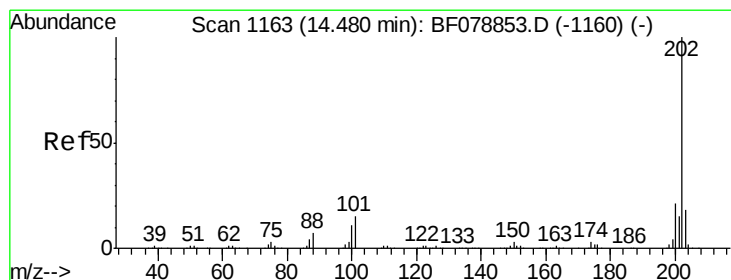
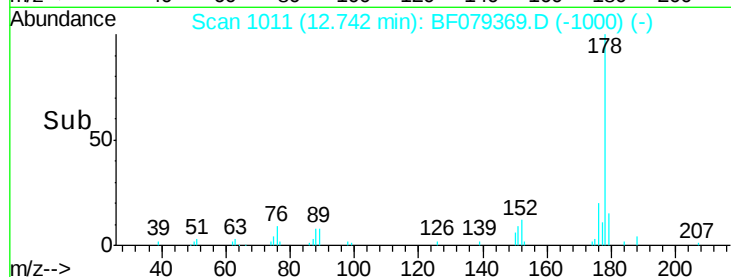
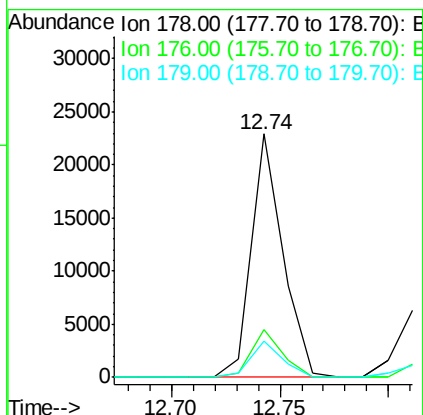
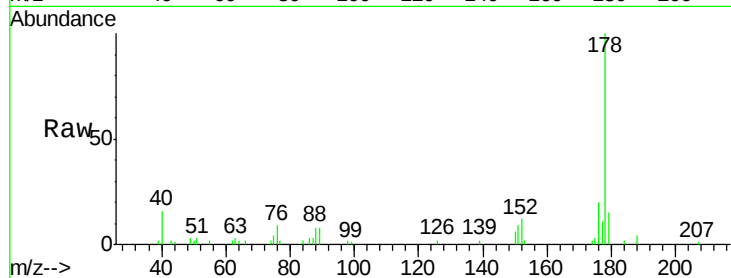




#70
Phenanthrene
Concen: 2.40 ng
RT: 12.74 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF079369.D
Acq: 20 May 2015 6:24

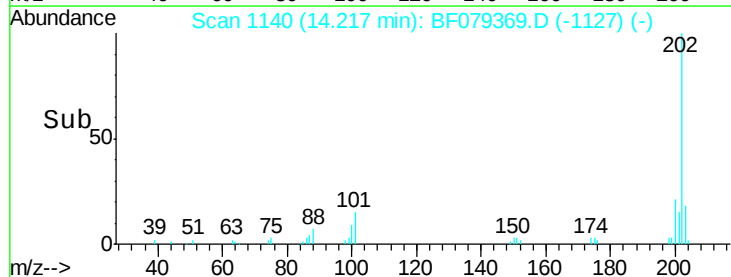
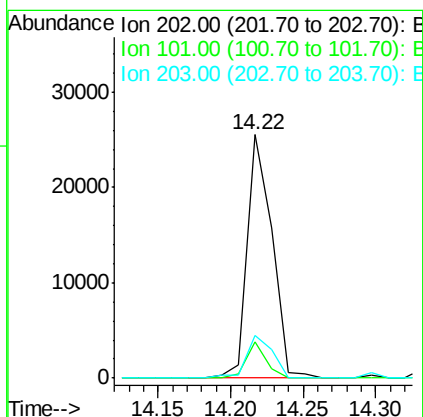
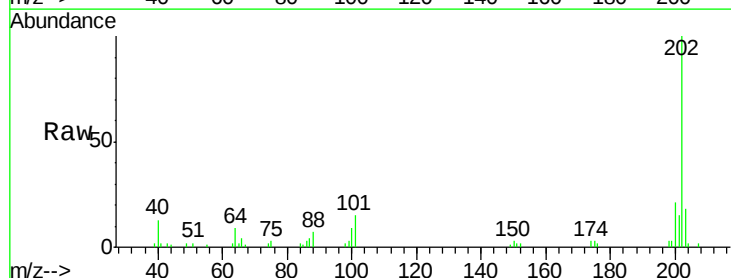
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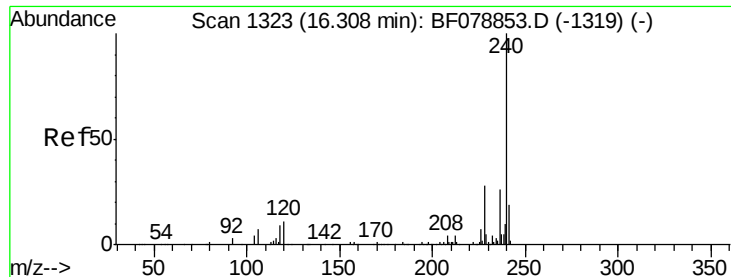
Tot Ion:178 Resp: 23106
Ion Ratio Lower Upper
178 100
176 19.8 15.9 23.9
179 14.8 12.2 18.4



#74
Fluoranthene
Concen: 3.01 ng
RT: 14.22 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BF079369.D
Acq: 20 May 2015 6:24

Tgt Ion:202 Resp: 30184
Ion Ratio Lower Upper
202 100
101 14.8 0.0 34.7
203 17.7 0.0 37.9

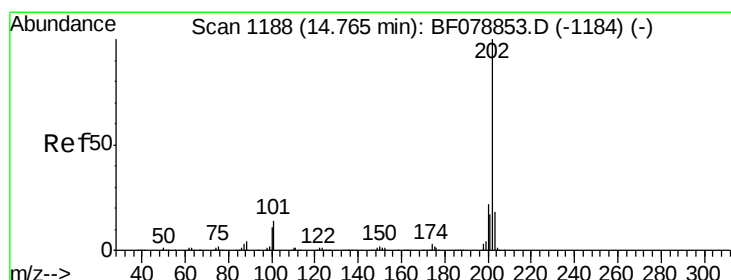
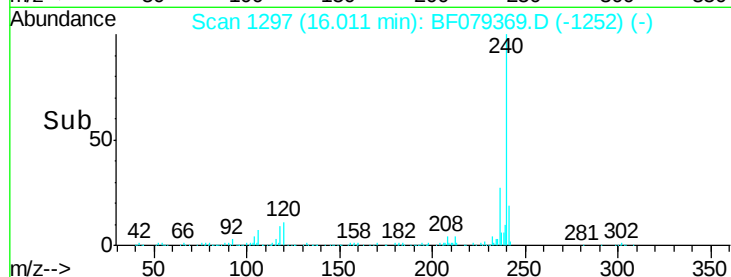
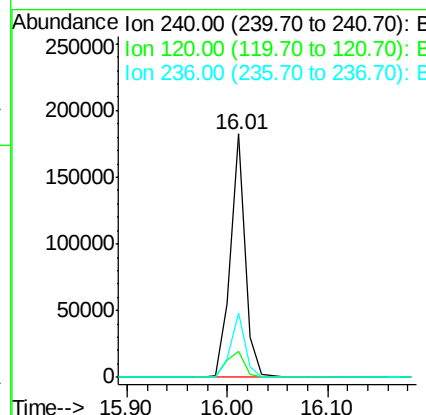
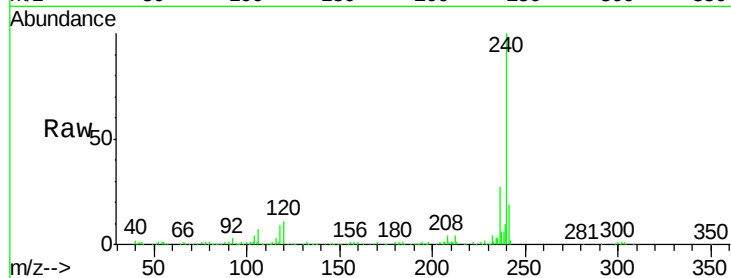




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.01 min Scan# 1297
 Delta R.T. 0.01 min
 Lab File: BF079369.D
 Acq: 20 May 2015 6:24

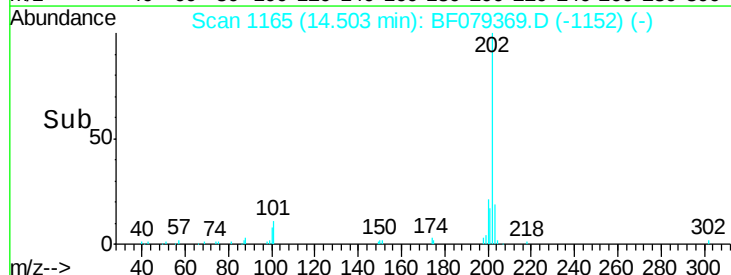
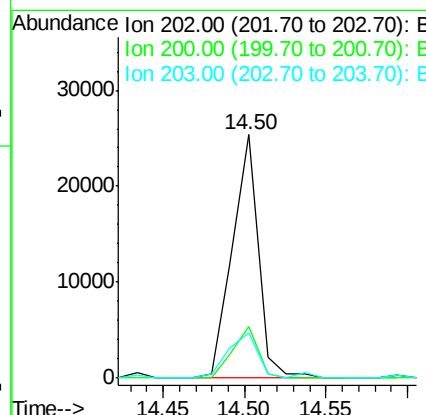
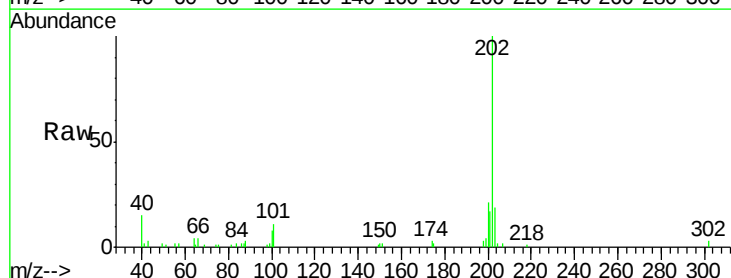
Instrument :
 BNA_F
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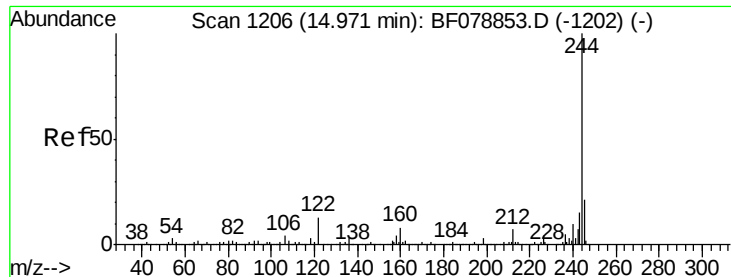
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.6	12.8
236	26.5	21.0	31.6



#77
 Pyrene
 Concen: 2.59 ng
 RT: 14.50 min Scan# 1165
 Delta R.T. 0.00 min
 Lab File: BF079369.D
 Acq: 20 May 2015 6:24

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.5	26.3
203	18.6	14.7	22.1





#78

Terphenyl-d14

Concen: 40.83 ng

RT: 14.71 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BF079369.D

Acq: 20 May 2015 6:24

Instrument :

BNA_F

ClientSampleId :

SB-35D

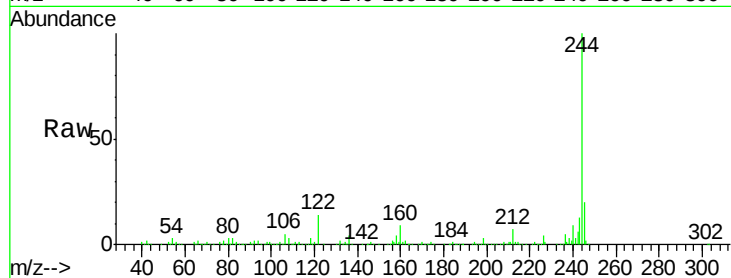
Tot Ion:244 Resp: 318755

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

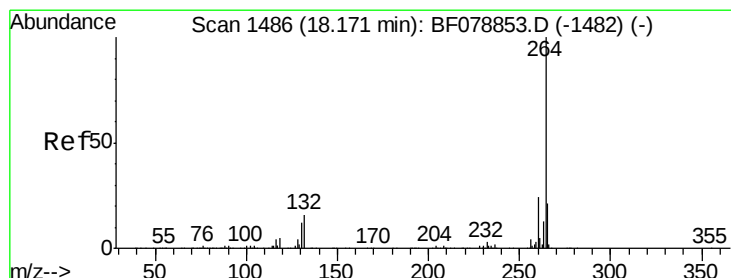
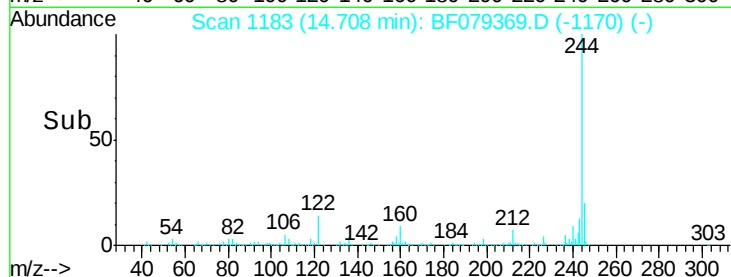
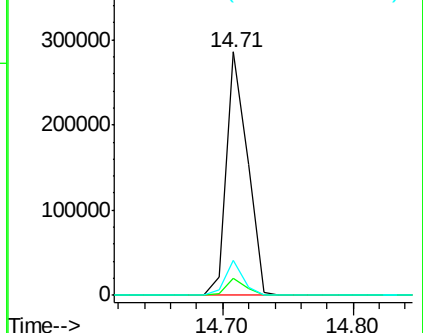
122 14.5 10.5 15.7



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: 17.79 min Scan# 1453

Delta R.T. 0.03 min

Lab File: BF079369.D

Acq: 20 May 2015 6:24

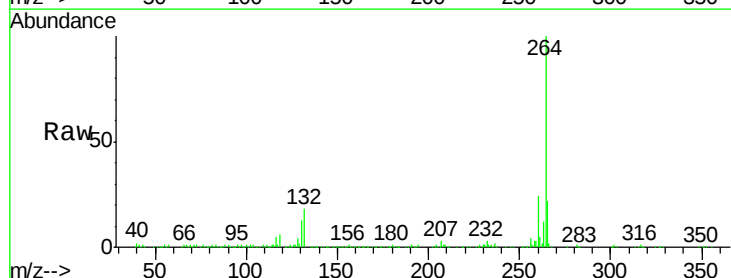
Tgt Ion:264 Resp: 200716

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.8 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

