

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051315\
 Data File : BF079204.D
 Acq On : 13 May 2015 20:15
 Operator : TP/IZ
 Sample : G2211-01 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1504303044-45-46-COMPOSITE

Quant Time: May 14 01:18:30 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 14 00:58:22 2015
 Response via : Initial Calibration

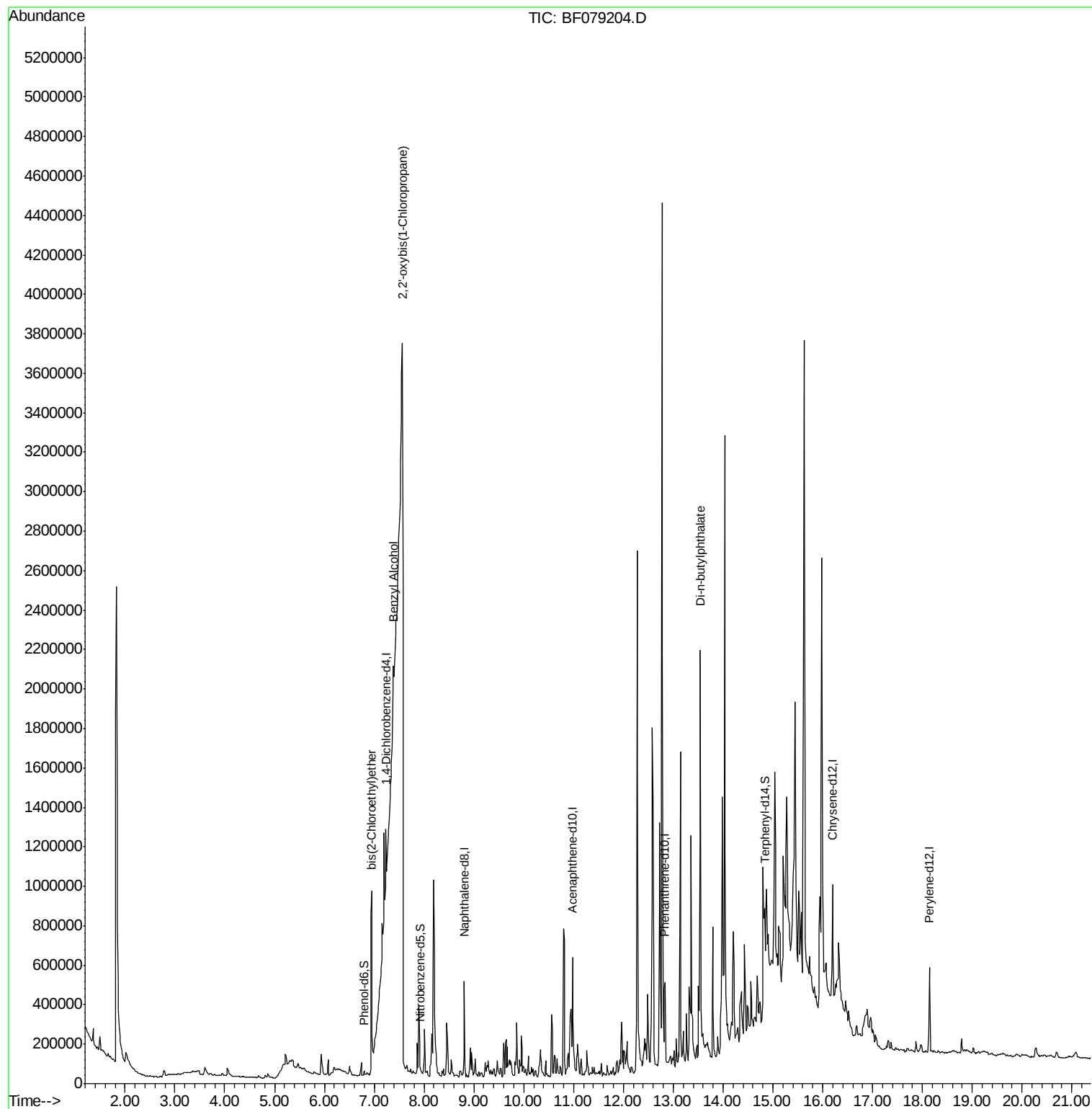
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.23	152	53483	20.00	ng	0.00
21) Naphthalene-d8	8.81	136	214856	20.00	ng	0.00
38) Acenaphthene-d10	10.98	164	106093	20.00	ng	0.00
63) Phenanthrene-d10	12.83	188	199357	20.00	ng	0.00
75) Chrysene-d12	16.19	240	217281	20.00	ng	0.03
86) Perylene-d12	18.14	264	239456	20.00	ng	0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	2716	0.87	ng	0.00
7) Phenol-d6	6.80	99	8386	2.04	ng	0.00
23) Nitrobenzene-d5	7.92	82	8230	2.20	ng	-0.01
41) 2,4,6-Tribromophenol	11.97	330	416	0.36	ng	0.00
44) 2-Fluorobiphenyl	10.16	172	12307	1.62	ng	0.00
78) Terphenyl-d14	14.83	244	21131	2.33	ng	0.01
Target Compounds						
11) bis(2-Chloroethyl)ether	6.94	93	190189	54.45	ng	# 19
15) Benzyl Alcohol	7.38	79	14651	4.81	ng	# 36
16) 2,2'-oxybis(1-Chloropropan	7.56	45	190870	35.72	ng	80
73) Di-n-butylphthalate	13.54	149	48113	3.85	ng	# 91

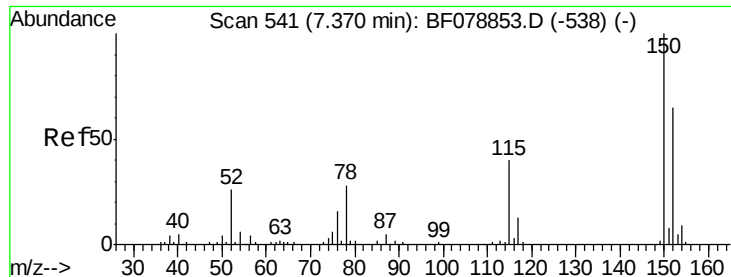
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.23 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF079204.D

Acq: 13 May 2015 20:15

Instrument :

BNA_F

ClientSampleId :

1504303044-45-46-COMPOSITE

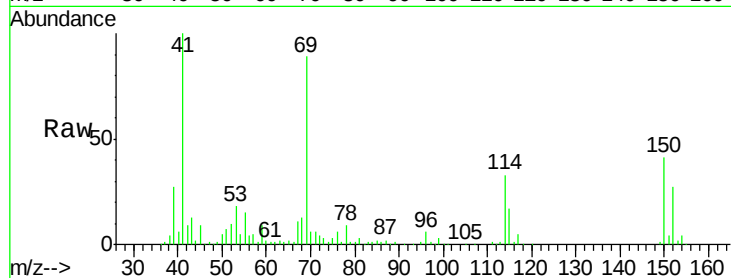
Tgt Ion:152 Resp: 53483

Ion Ratio Lower Upper

152 100

150 153.6 122.0 183.0

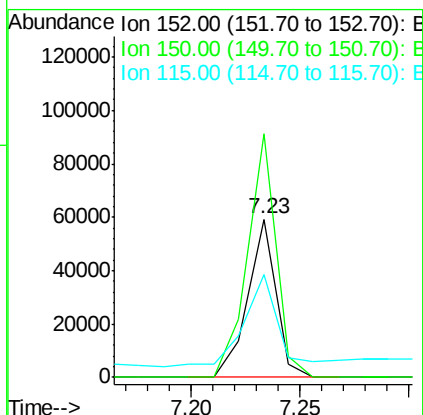
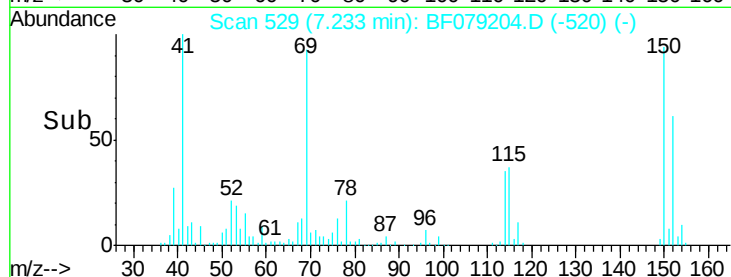
115 64.6 46.3 69.5



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: 0.87 ng

RT: 5.53 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF079204.D

Acq: 13 May 2015 20:15

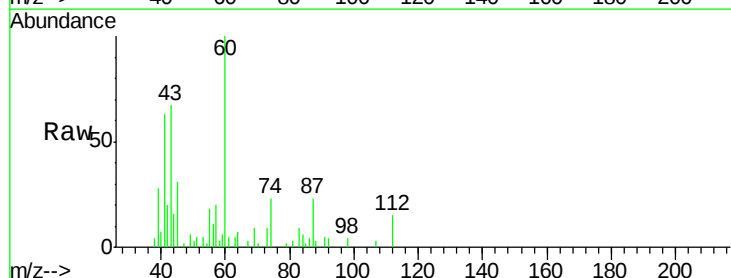
Tgt Ion:112 Resp: 2716

Ion Ratio Lower Upper

112 100

64 48.9 53.5 80.3#

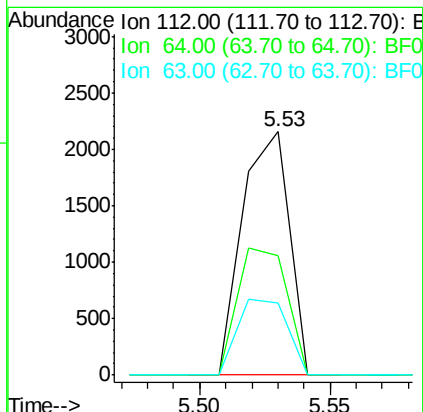
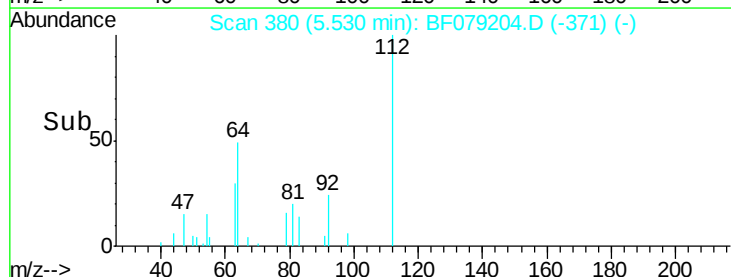
63 29.8 27.5 41.3

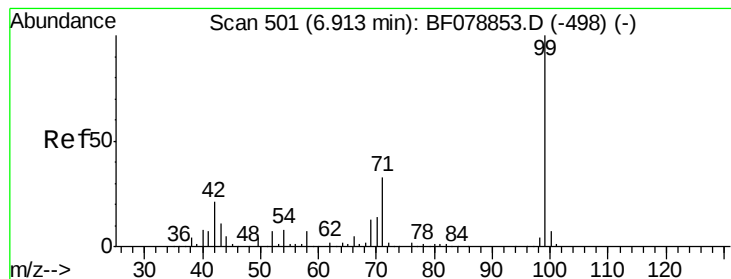


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 2.04 ng

RT: 6.80 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF079204.D

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Instrument :

BNA_F

ClientSampleId :

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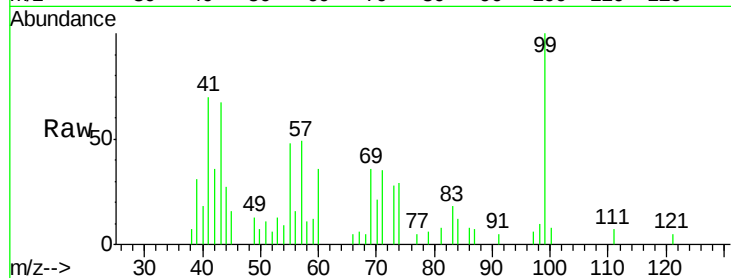
Tgt Ion: 99 Resp: 8386

Ion Ratio Lower Upper

99 100

42 36.3 12.8 19.2#

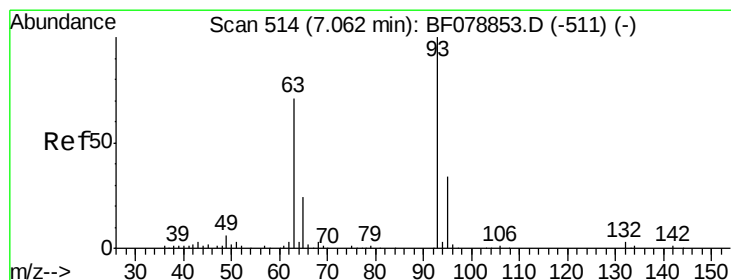
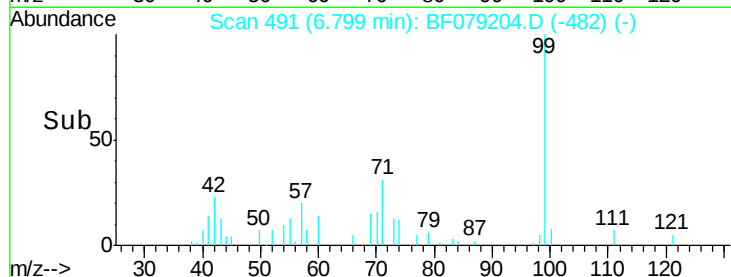
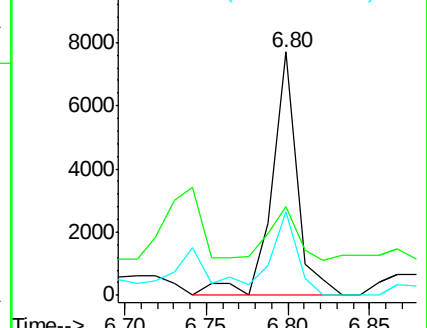
71 34.6 23.4 35.2



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



#11

bis(2-Chloroethyl)ether

Concen: 54.45 ng

RT: 6.94 min Scan# 503

Delta R.T. 0.01 min

Lab File: BF079204.D

Acq: 13 May 2015 20:15

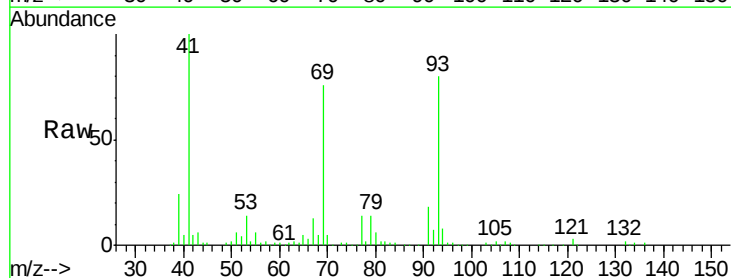
Tgt Ion: 93 Resp: 190189

Ion Ratio Lower Upper

93 100

63 2.1 64.8 104.8#

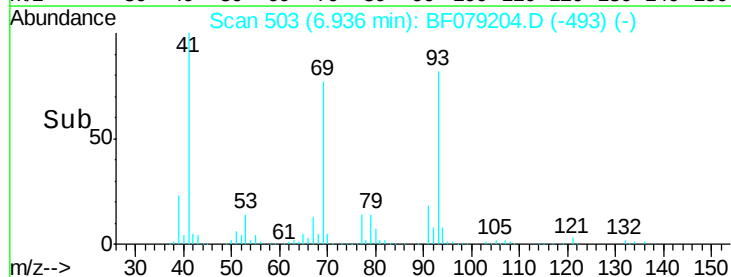
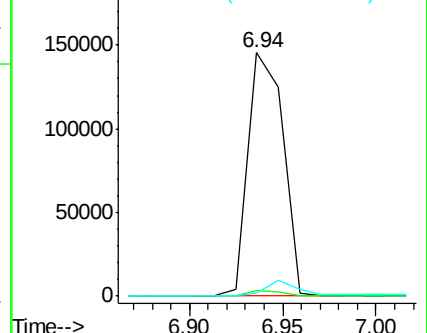
95 1.3 12.4 52.4#

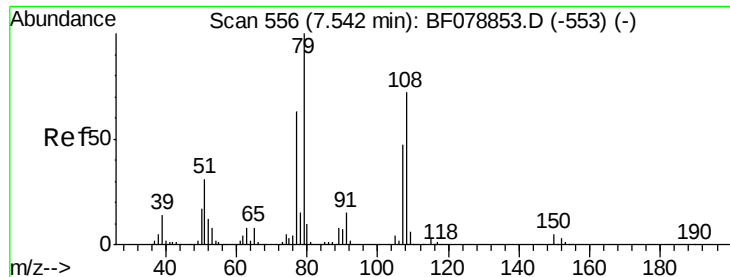


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0





#15

Benzyl Alcohol

Concen: 4.81 ng

RT: 7.38 min Scan# 542

Delta R.T. -0.03 min

Lab File: BF079204.D

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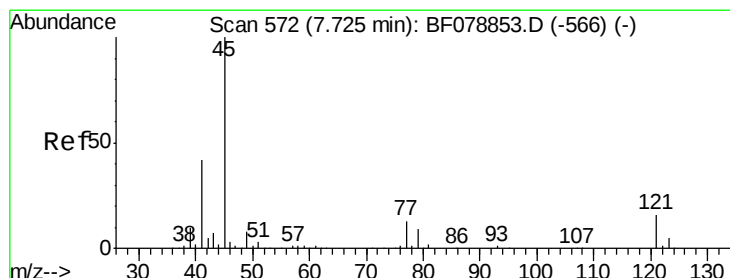
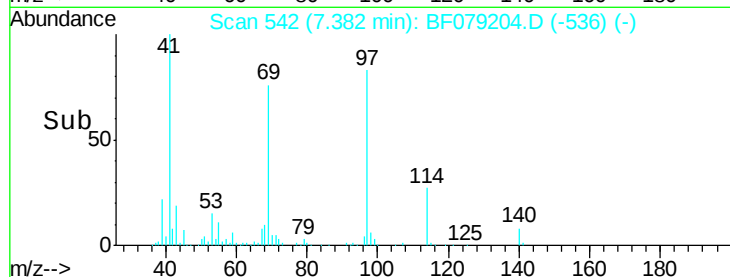
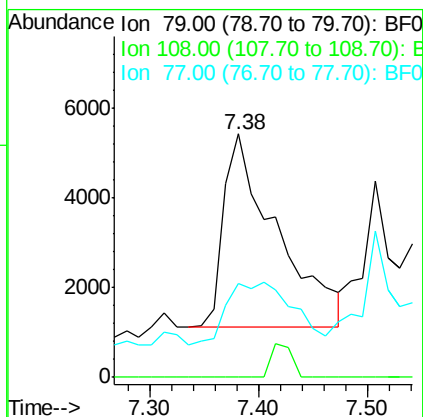
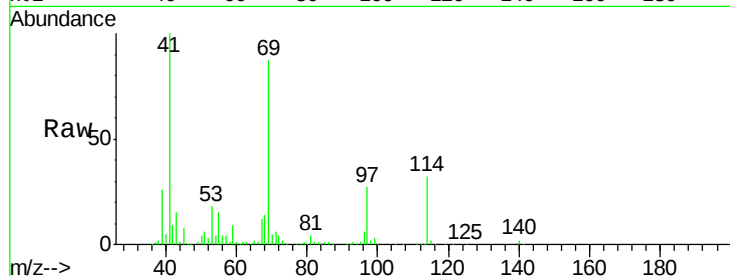
Tgt Ion: 79 Resp: 14651

Ion Ratio Lower Upper

79 100

108 0.0 62.5 93.7#

77 38.6 52.2 78.4#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.72 ng

RT: 7.56 min Scan# 558

Delta R.T. -0.03 min

Lab File: BF079204.D

Acq: 13 May 2015 20:15

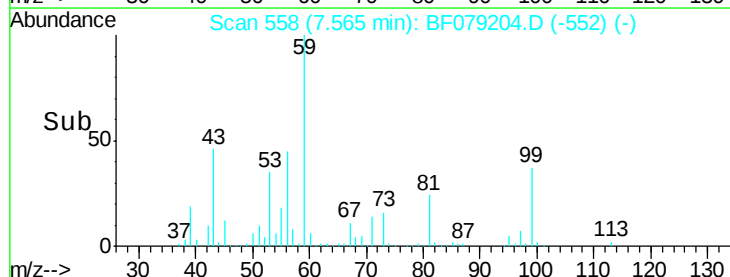
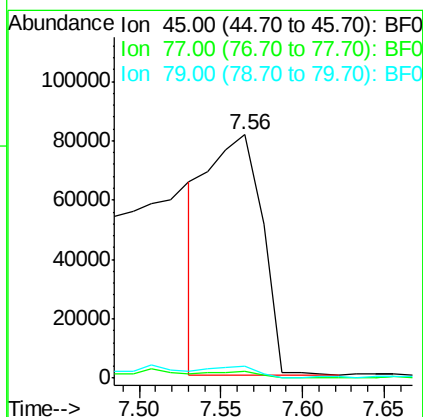
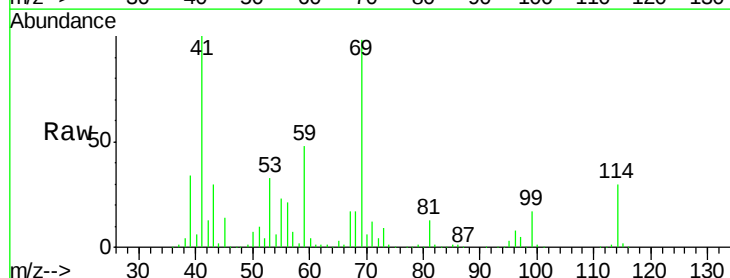
Tgt Ion: 45 Resp: 190870

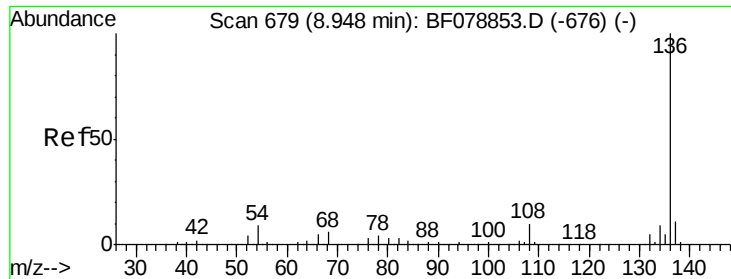
Ion Ratio Lower Upper

45 100

77 2.5 0.0 32.3

79 5.1 0.0 30.1

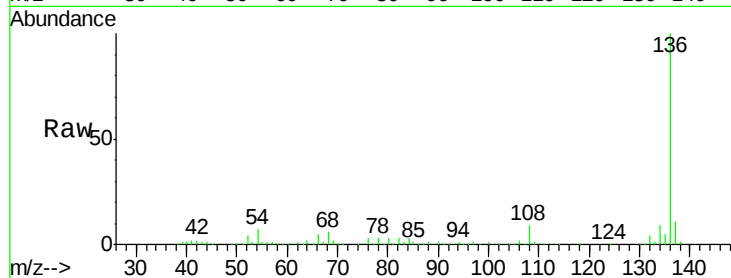




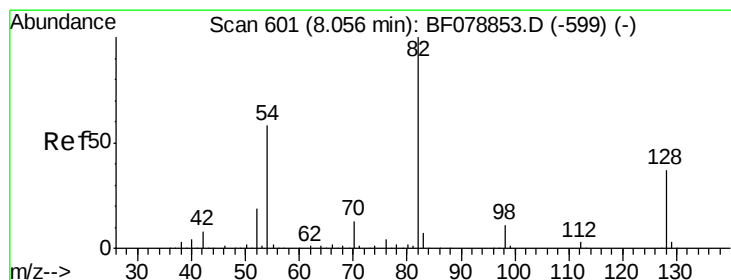
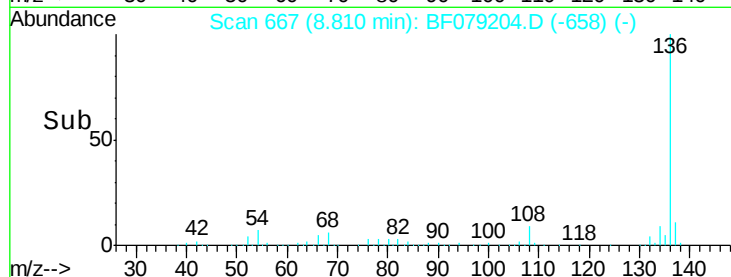
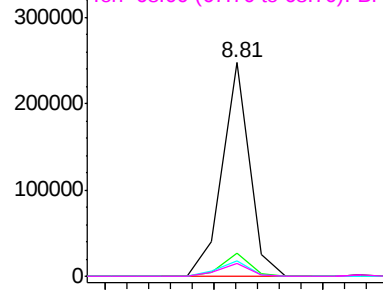
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.81 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF079204.D
Acq: 13 May 2015 20:15

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1504303044-45-46-COMPOSITE

Tgt Ion:	136	Resp:	214856
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.7	13.1
54	7.5	5.8	8.8
68	6.2	4.2	6.4

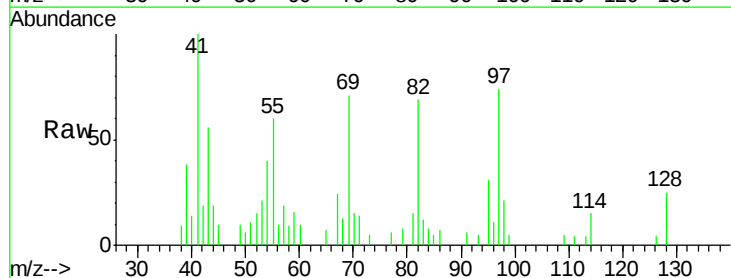


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

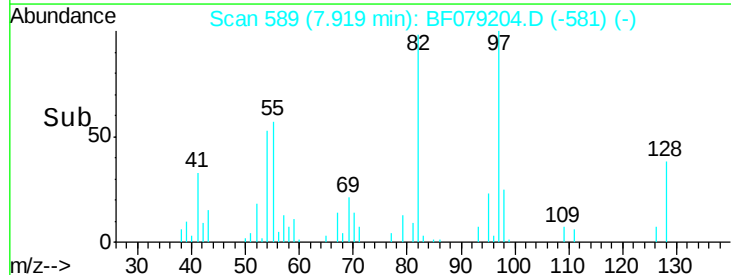
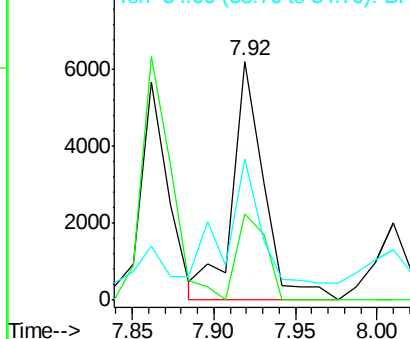


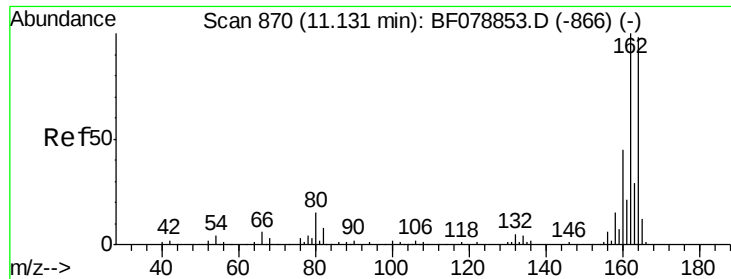
#23
Nitrobenzene-d5
Concen: 2.20 ng
RT: 7.92 min Scan# 589
Delta R.T. -0.01 min
Lab File: BF079204.D
Acq: 13 May 2015 20:15

Tgt Ion:	82	Resp:	8230
Ion Ratio	Lower	Upper	
82	100		
128	36.0	30.0	45.0
54	58.9	46.4	69.6



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

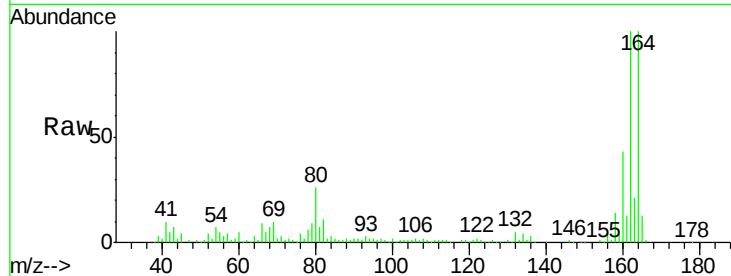




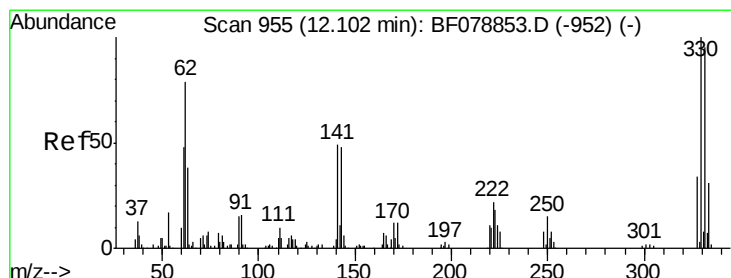
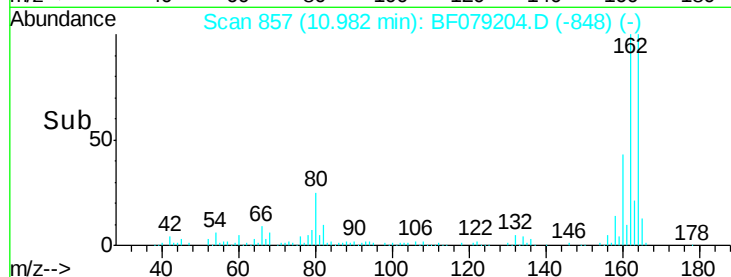
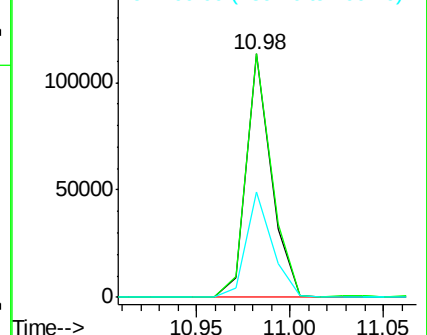
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.98 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF079204.D
 Acq: 13 May 2015 20:15

Instrument :
 BNA_F
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 1504303044-45-46-COMPOSITE

Tgt Ion:164 Resp: 106093
 Ion Ratio Lower Upper
 164 100
 162 100.0 82.7 124.1
 160 43.2 35.8 53.8

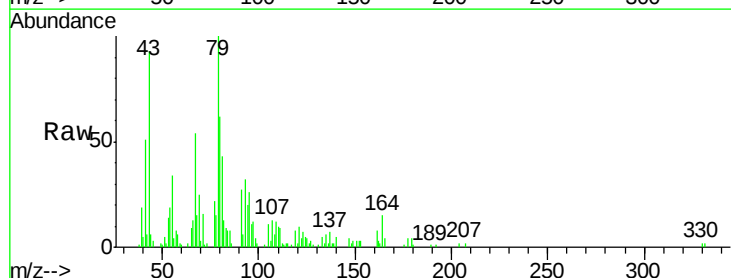


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

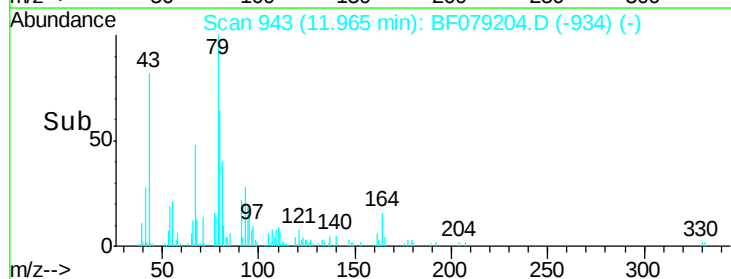
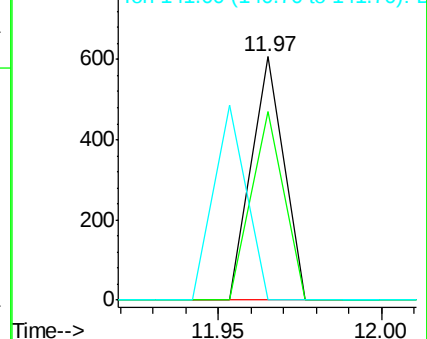


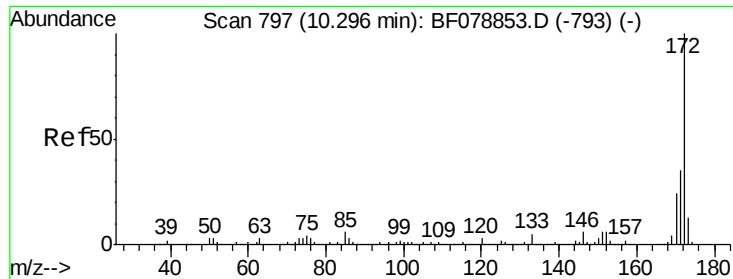
#41
 2,4,6-Tribromophenol
 Concen: 0.36 ng
 RT: 11.97 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BF079204.D
 Acq: 13 May 2015 20:15

Tgt Ion:330 Resp: 416
 Ion Ratio Lower Upper
 330 100
 332 77.4 0.0 0.0#
 141 80.0 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

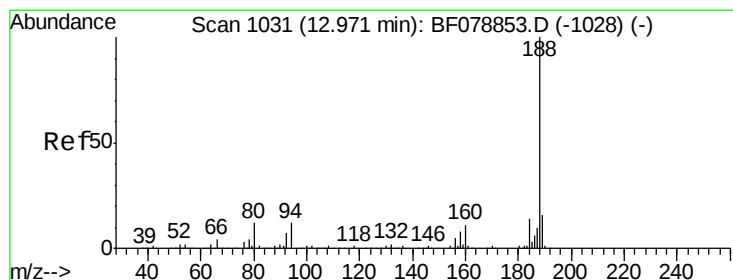
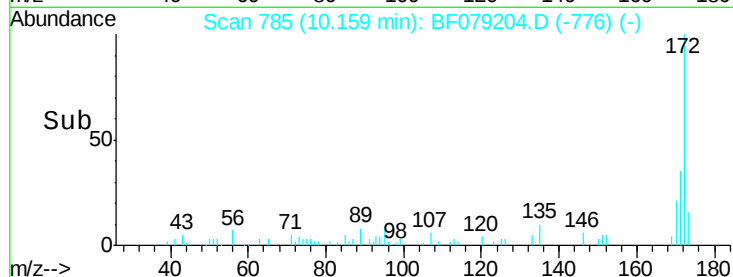
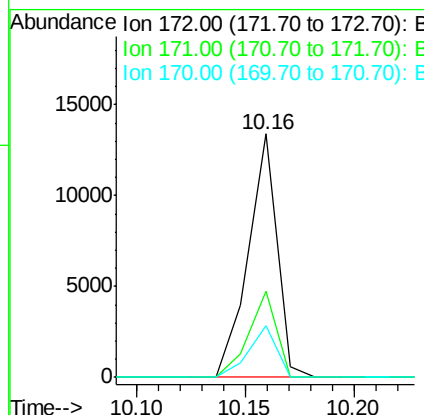
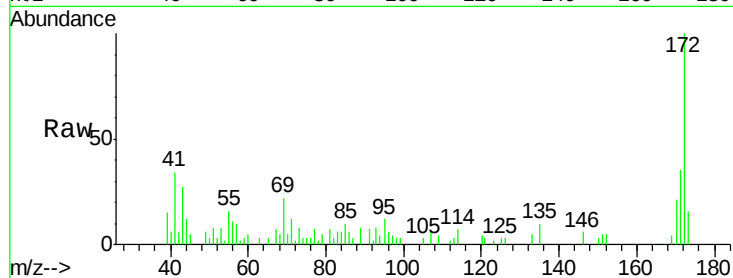




#44
 2-Fluorobiphenyl
 Concen: 1.62 ng
 RT: 10.16 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF079204.D
 Acq: 13 May 2015 20:15

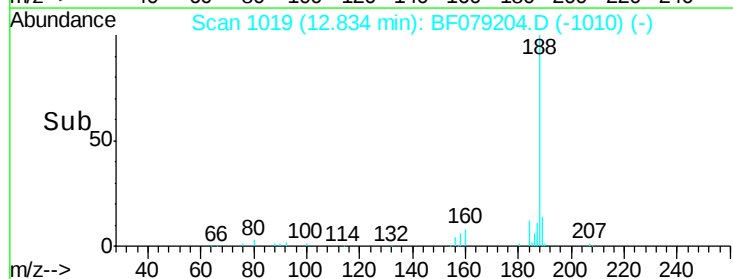
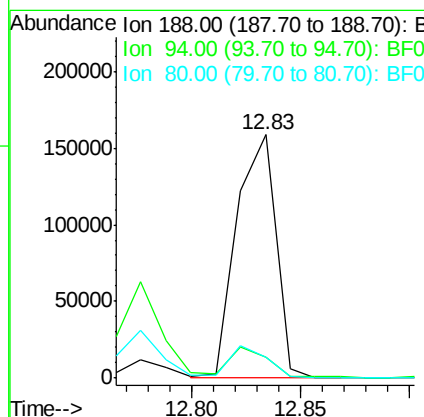
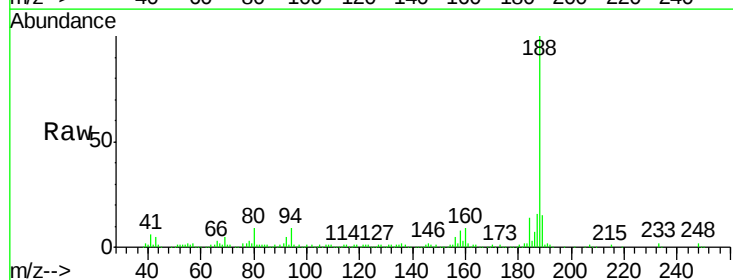
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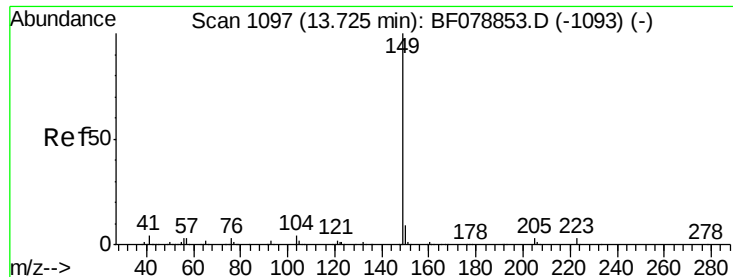
Tgt Ion:172 Resp: 12307
 Ion Ratio Lower Upper
 172 100
 171 35.3 27.9 41.9
 170 20.9 19.4 29.0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.83 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BF079204.D
 Acq: 13 May 2015 20:15

Tgt Ion:188 Resp: 199357
 Ion Ratio Lower Upper
 188 100
 94 8.8 8.2 12.2
 80 8.6 8.9 13.3#

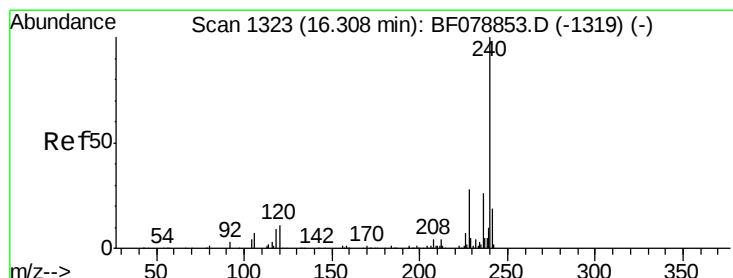
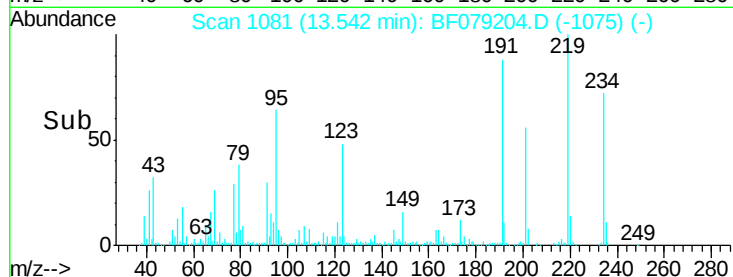
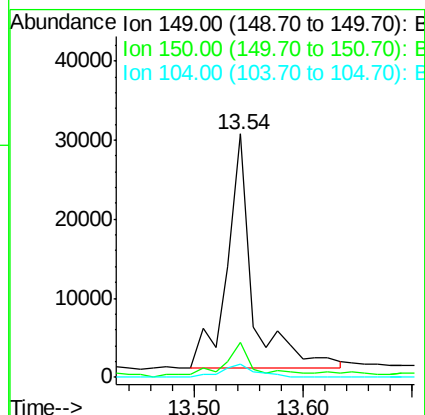
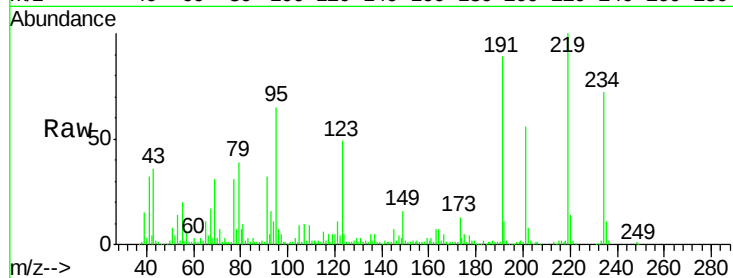




#73
Di-n-butylphthalate
Concen: 3.85 ng
RT: 13.54 min Scan# 1081
Delta R.T. -0.03 min
Lab File: BF079204.D
Acq: 13 May 2015 20:15

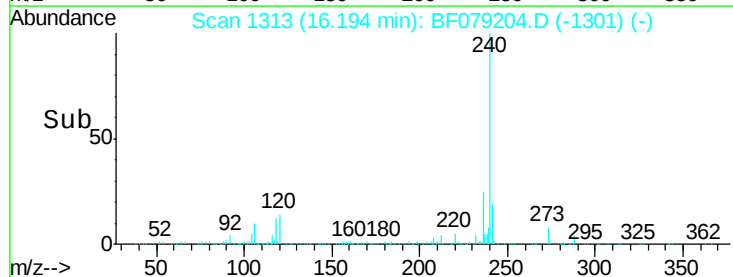
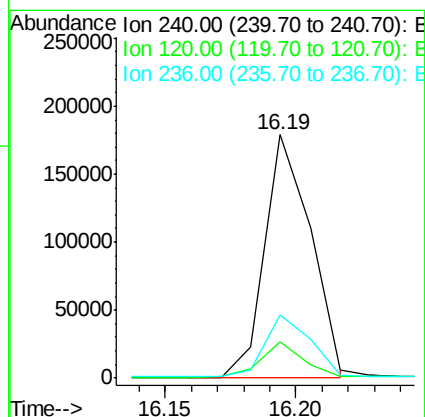
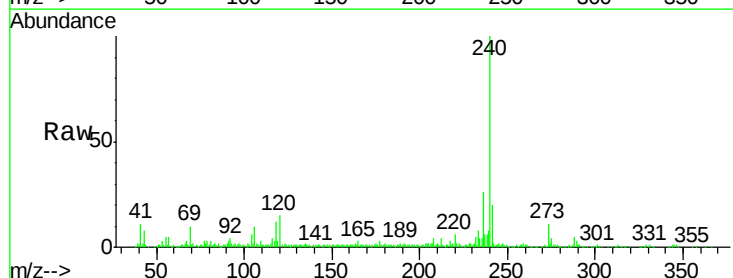
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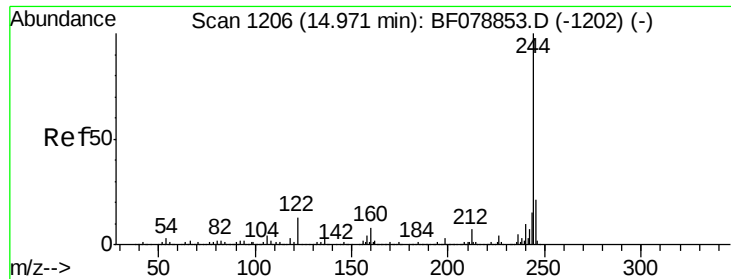
Tgt Ion:149 Resp: 48113
Ion Ratio Lower Upper
149 100
150 14.6 7.7 11.5#
104 5.6 4.6 7.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.19 min Scan# 1313
Delta R.T. 0.03 min
Lab File: BF079204.D
Acq: 13 May 2015 20:15

Tgt Ion:240 Resp: 217281
Ion Ratio Lower Upper
240 100
120 14.9 9.7 14.5#
236 26.1 20.2 30.4





#78

Terphenyl-d14

Concen: 2.33 ng

RT: 14.83 min Scan# 1194

Delta R.T. 0.01 min

Lab File: BF079204.D

Acq: 13 May 2015 20:15

Instrument :

BNA_F

ClientSampleId :

1504303044-45-46-COMPOSITE

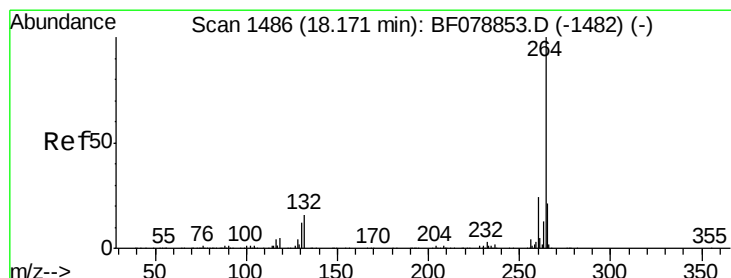
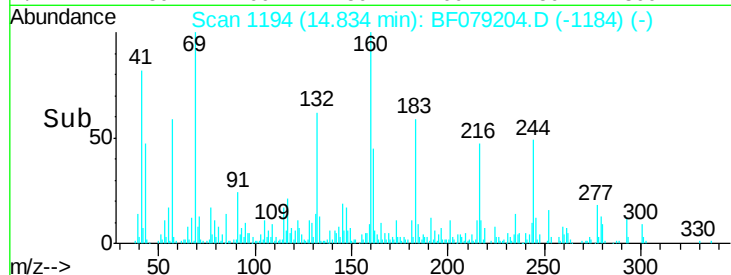
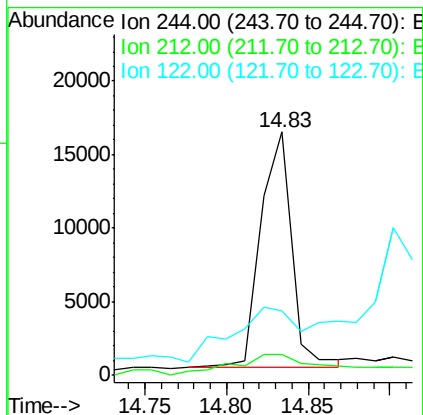
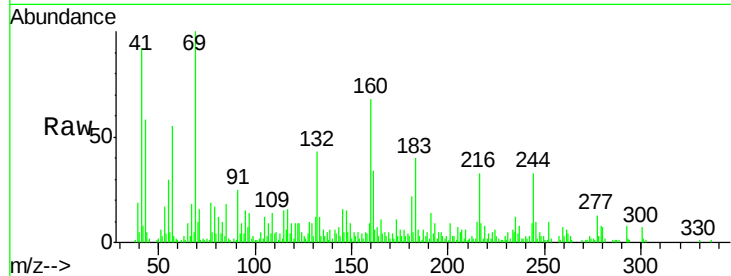
Tgt Ion:244 Resp: 21131

Ion Ratio Lower Upper

244 100

212 8.4 5.6 8.4

122 26.7 10.3 15.5#



#86

Perylene-d12

Concen: 20.00 ng

RT: 18.14 min Scan# 1483

Delta R.T. 0.11 min

Lab File: BF079204.D

Acq: 13 May 2015 20:15

Tgt Ion:264 Resp: 239456

Ion Ratio Lower Upper

264 100

260 23.0 19.4 29.2

265 22.0 18.3 27.5

