

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
 Data File : BF079944.D
 Acq On : 12 Jun 2015 19:36
 Operator : TP/IZ
 Sample : G2536-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P5-26(UNFILTERED)

Quant Time: Jun 12 23:11:00 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 12 22:57:49 2015
 Response via : Initial Calibration

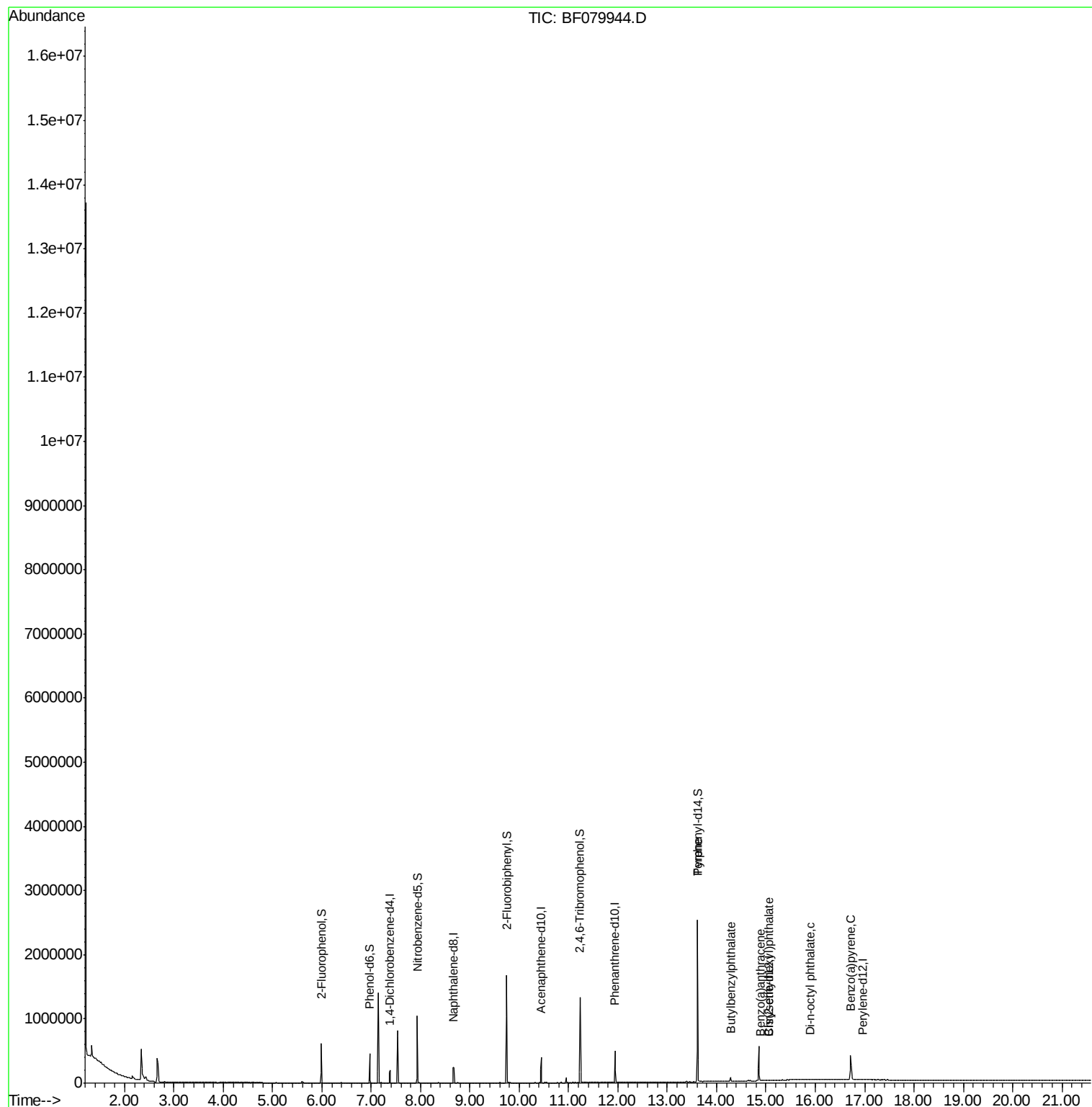
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	42985	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	164108	20.00	ng	0.00
38) Acenaphthene-d10	10.44	164	91269	20.00	ng	0.00
63) Phenanthrene-d10	11.94	188	197801	20.00	ng	-0.03
75) Chrysene-d12	15.05	240	466	20.00	ng	-0.09
86) Perylene-d12	16.96	264	209	20.00	ng	-0.14
System Monitoring Compounds						
5) 2-Fluorophenol	5.99	112	158135	67.46	ng	0.00
7) Phenol-d6	6.97	99	132098	41.36	ng	0.00
23) Nitrobenzene-d5	7.93	82	278480	111.96	ng	0.00
41) 2,4,6-Tribromophenol	11.23	330	130623	141.82	ng	-0.01
44) 2-Fluorobiphenyl	9.75	172	664464	101.94	ng	0.00
78) Terphenyl-d14	13.61	244	821348	40635.90	ng	-0.16
Target Compounds						
77) Pyrene	13.61	202	2566	87.67	ng	# 64
79) Butylbenzylphthalate	14.29	149	918	92.88	ng	# 1
80) Benzo(a)anthracene	14.89	228	261	8.82	ng	# 51
83) Bis(2-ethylhexyl)phthalate	15.05	149	702	44.38	ng	# 52
84) Di-n-octyl phthalate	15.90	149	158	6.12	ng	# 74
89) Benzo(a)pyrene	16.72	252	597	49.02	ng	# 26

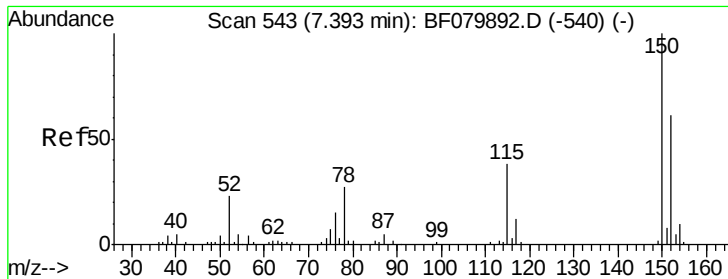
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
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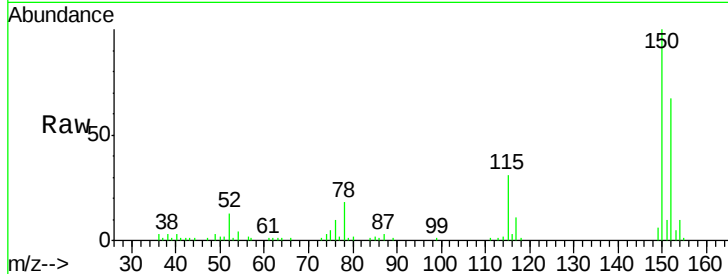


#1

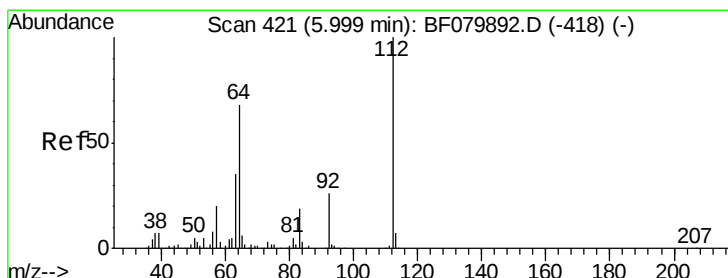
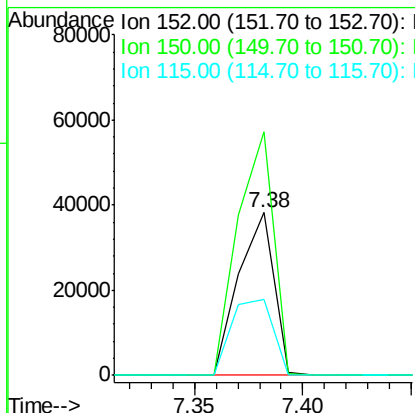
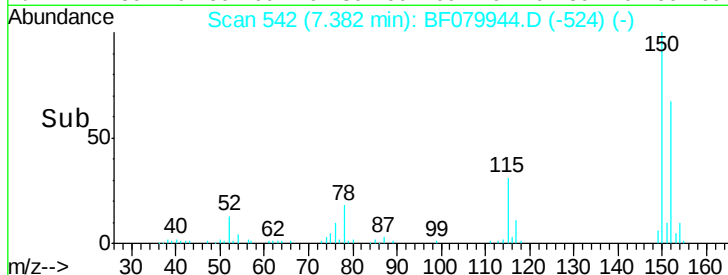
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF079944.D
Acq: 12 Jun 2015 19:36

Instrument :
BNA_F
ClientSampleId :
P5-26(UNFILTERED)

Tgt Ion:152 Resp: 42985
Ion Ratio Lower Upper
152 100
150 149.6 131.0 196.4
115 46.5 49.8 74.6#



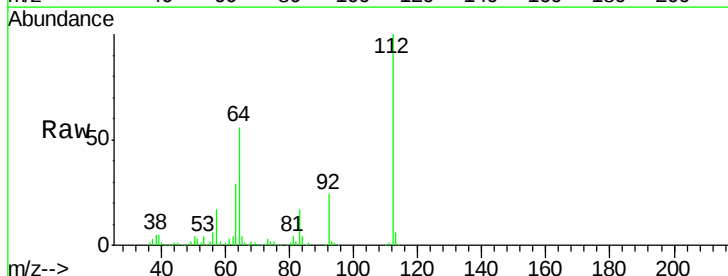
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



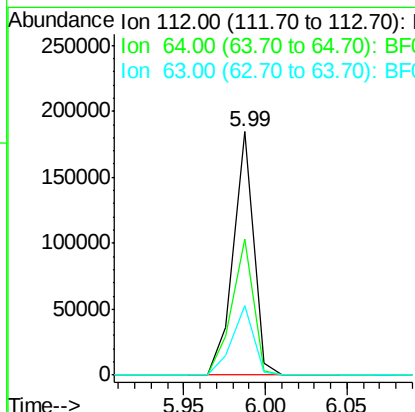
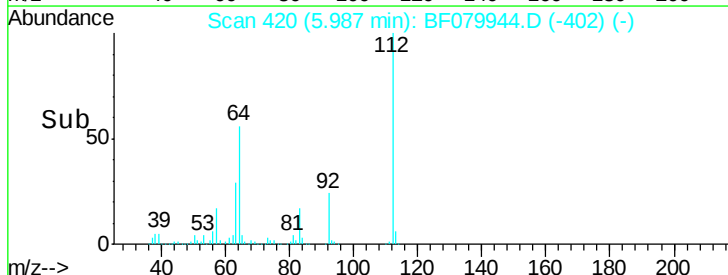
#5

2-Fluorophenol
Concen: 67.46 ng
RT: 5.99 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF079944.D
Acq: 12 Jun 2015 19:36

Tgt Ion:112 Resp: 158135
Ion Ratio Lower Upper
112 100
64 56.0 54.5 81.7
63 28.6 27.9 41.9



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: 41.36 ng

RT: 6.97 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF079944.D

Acq: 12 Jun 2015 19:36

Instrument :

BNA_F

ClientSampleId :

P5-26(UNFILTERED)

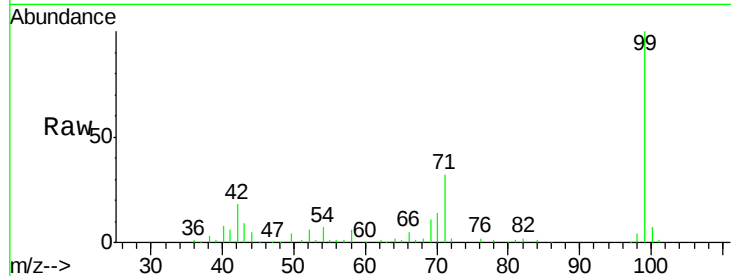
Tgt Ion: 99 Resp: 132098

Ion Ratio Lower Upper

99 100

42 17.6 12.9 19.3

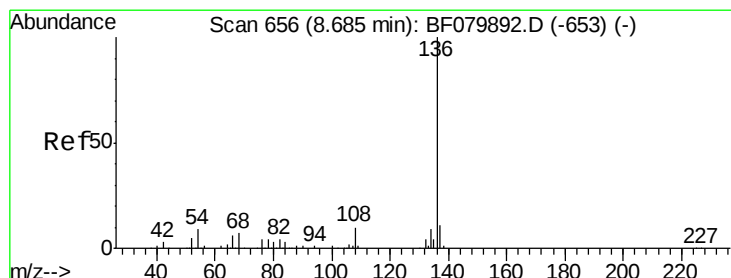
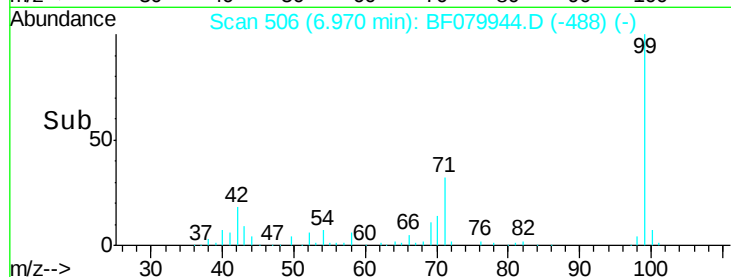
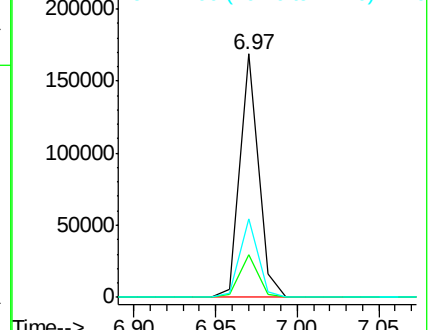
71 32.4 23.4 35.2



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.67 min Scan# 655

Delta R.T. 0.00 min

Lab File: BF079944.D

Acq: 12 Jun 2015 19:36

Tgt Ion: 136 Resp: 164108

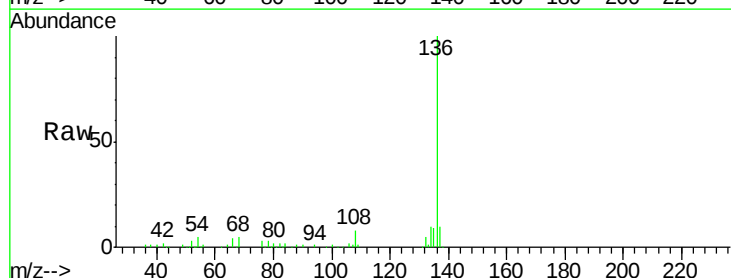
Ion Ratio Lower Upper

136 100

137 9.9 8.7 13.1

54 5.2 7.3 10.9#

68 4.6 5.9 8.9#

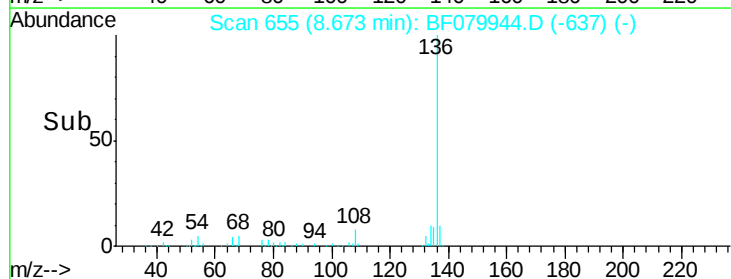
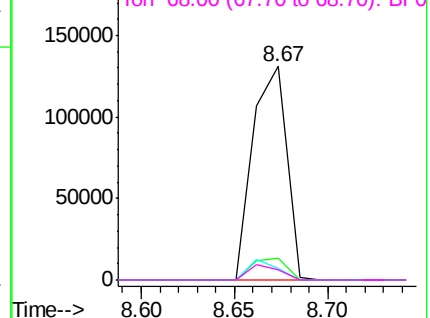


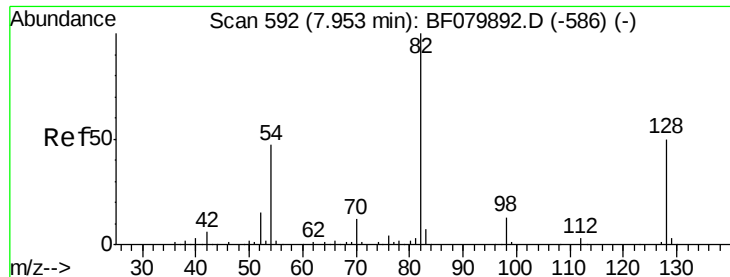
Abundance Ion 136.00 (135.70 to 136.70): E

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: 111.96 ng

RT: 7.93 min Scan# 590

Delta R.T. 0.00 min

Lab File: BF079944.D

Acq: 12 Jun 2015 19:36

Instrument :

BNA_F

ClientSampleId :

P5-26(UNFILTERED)

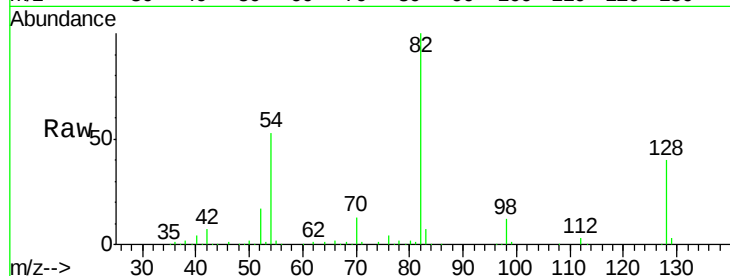
Tgt Ion: 82 Resp: 278480

Ion Ratio Lower Upper

82 100

128 40.4 40.3 60.5

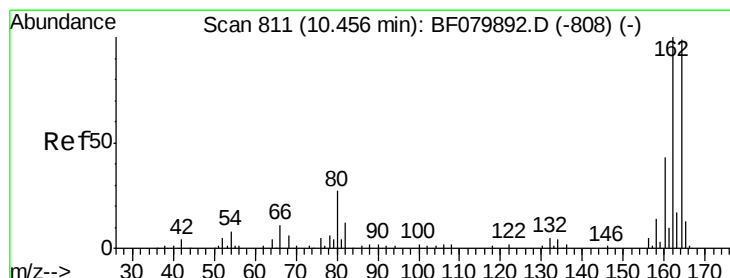
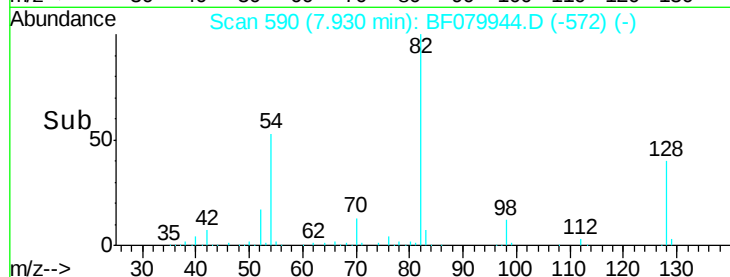
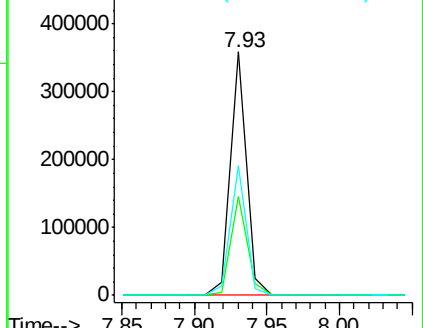
54 53.2 38.0 57.0



Abundance Ion 82.00 (81.70 to 82.70): BF079892.D (-586) (-)

Ion 128.00 (127.70 to 128.70): BF079892.D (-586) (-)

Ion 54.00 (53.70 to 54.70): BF079892.D (-586) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.44 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF079944.D

Acq: 12 Jun 2015 19:36

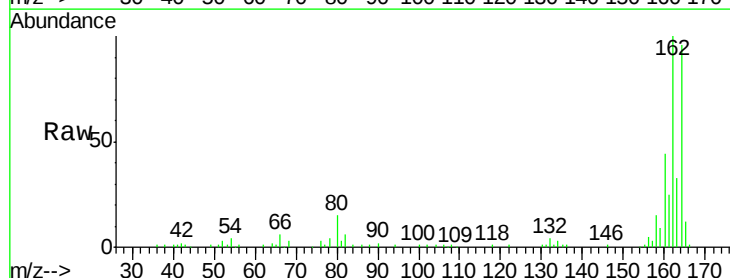
Tgt Ion: 164 Resp: 91269

Ion Ratio Lower Upper

164 100

162 104.4 80.7 121.1

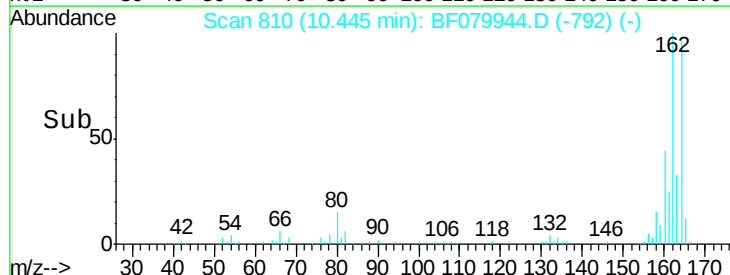
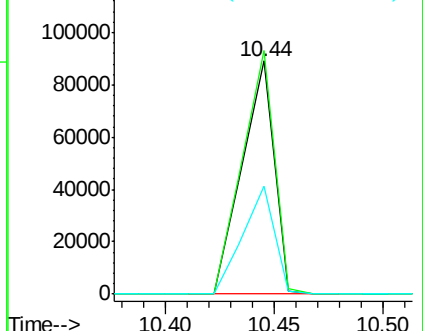
160 46.5 34.6 51.8



Abundance Ion 164.00 (163.70 to 164.70): BF079892.D (-808) (-)

Ion 162.00 (161.70 to 162.70): BF079892.D (-808) (-)

Ion 160.00 (159.70 to 160.70): BF079892.D (-808) (-)

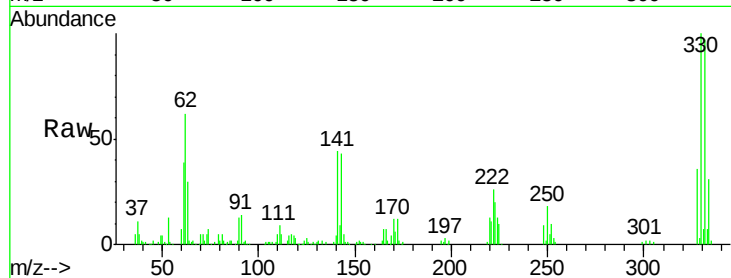




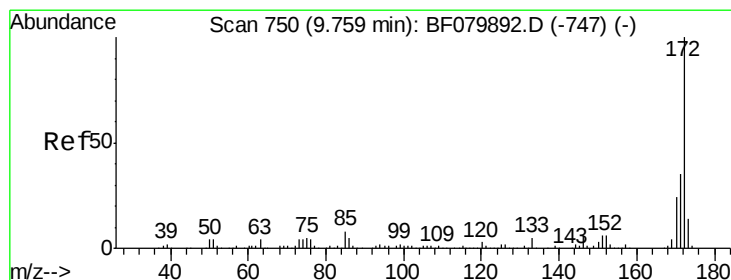
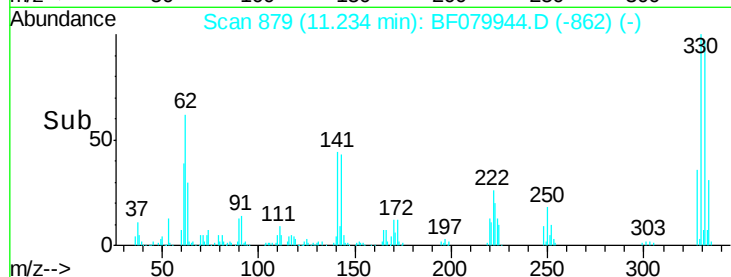
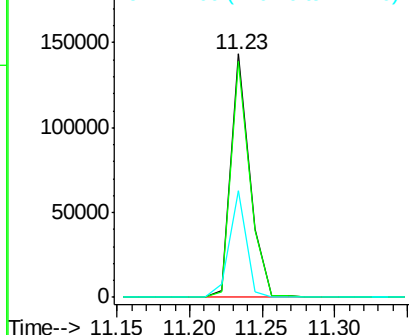
#41
 2,4,6-Tribromophenol
 Concen: 141.82 ng
 RT: 11.23 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF079944.D
 Acq: 12 Jun 2015 19:36

Instrument :
 BNA_F
 ClientSampleId :
 P5-26(UNFILTERED)

Tgt Ion:330 Resp: 130623
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.3 115.9
 141 39.4 26.8 40.2

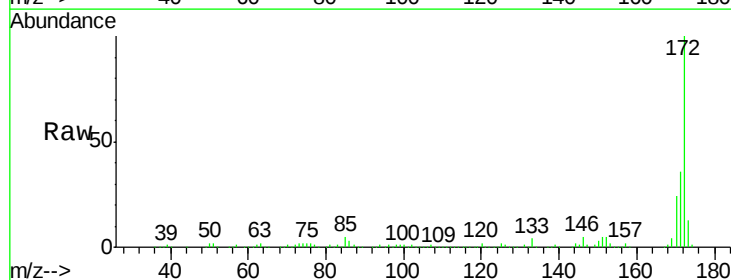


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

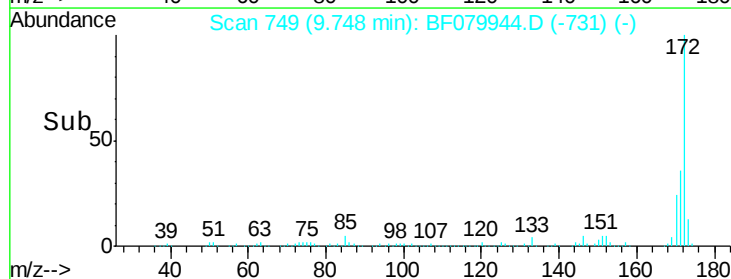
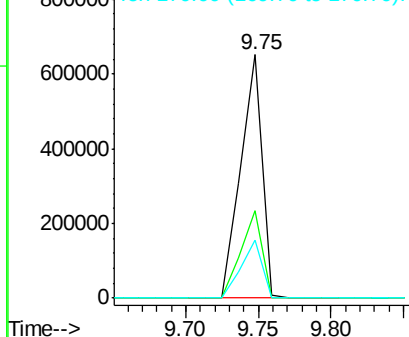


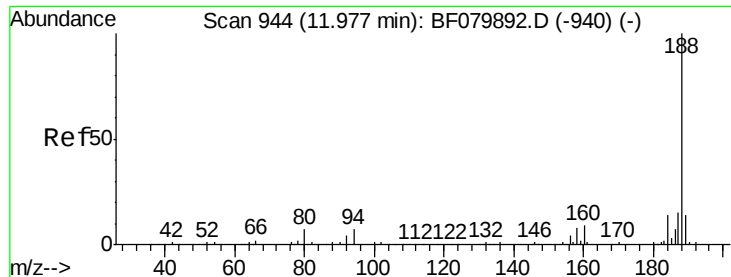
#44
 2-Fluorobiphenyl
 Concen: 101.94 ng
 RT: 9.75 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: BF079944.D
 Acq: 12 Jun 2015 19:36

Tgt Ion:172 Resp: 664464
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.3 42.5
 170 24.0 19.0 28.4



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

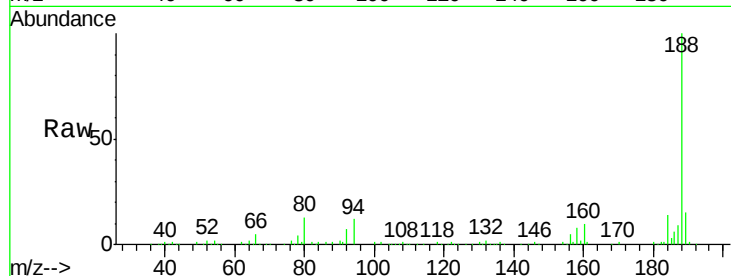




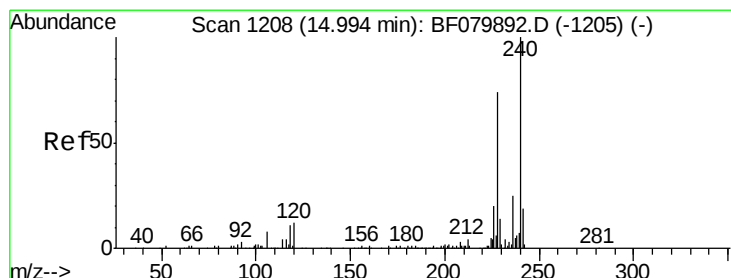
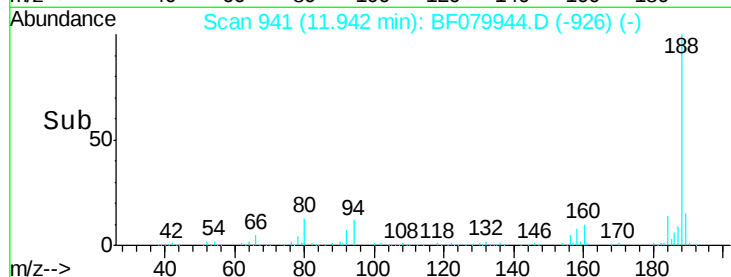
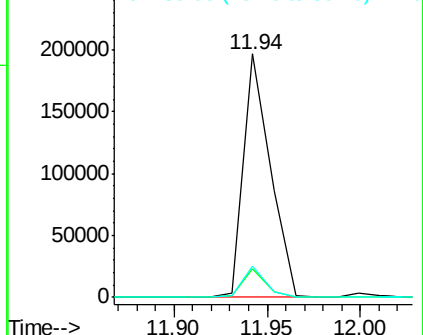
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.94 min Scan# 941
Delta R.T. -0.03 min
Lab File: BF079944.D
Acq: 12 Jun 2015 19:36

Instrument :
BNA_F
ClientSampleId :
P5-26(UNFILTERED)

Tgt Ion:188 Resp: 197801
Ion Ratio Lower Upper
188 100
94 11.8 5.8 8.8#
80 13.0 5.9 8.9#

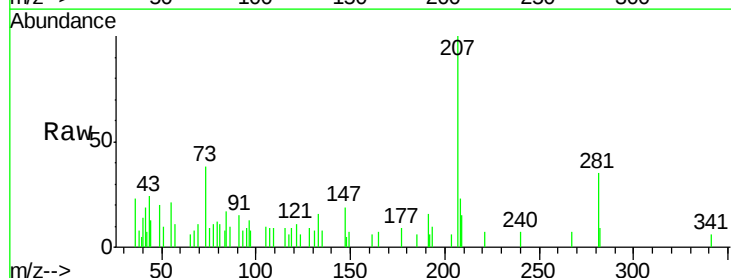


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

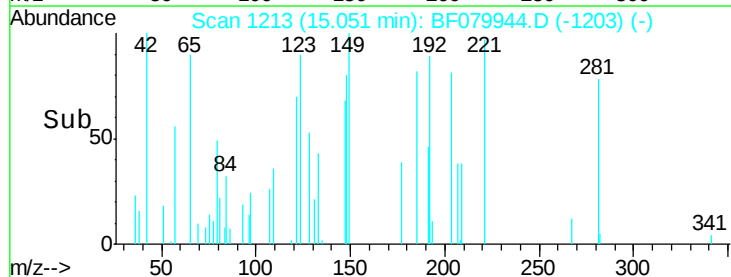
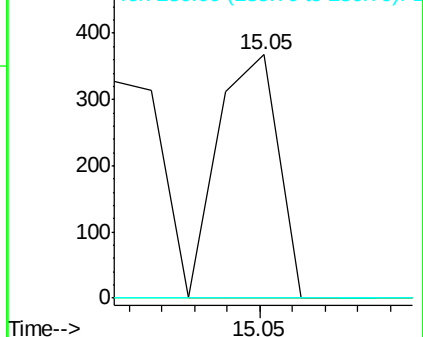


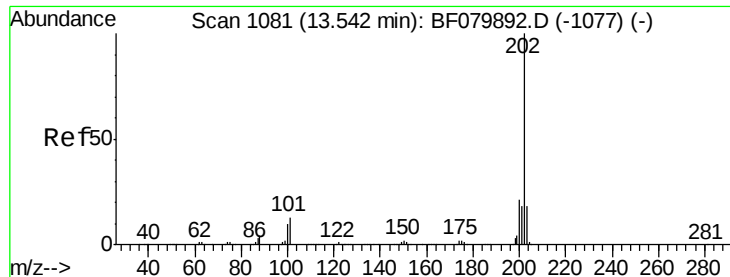
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 1213
Delta R.T. -0.09 min
Lab File: BF079944.D
Acq: 12 Jun 2015 19:36

Tgt Ion:240 Resp: 466
Ion Ratio Lower Upper
240 100
120 0.0 9.4 14.2#
236 0.0 19.6 29.4#



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

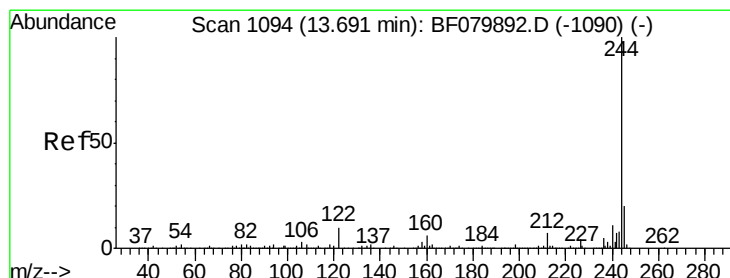
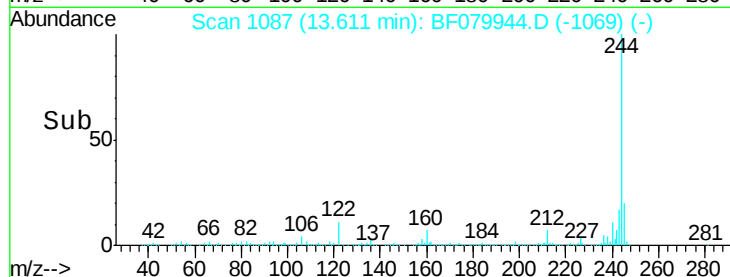
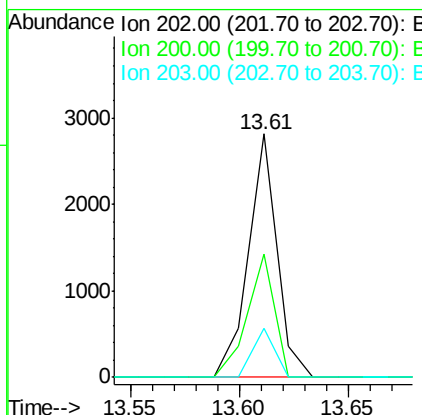
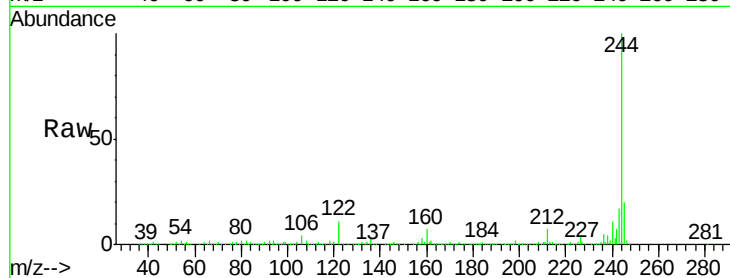




#77
 Pyrene
 Concen: 87.67 ng
 RT: 13.61 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: BF079944.D
 Acq: 12 Jun 2015 19:36

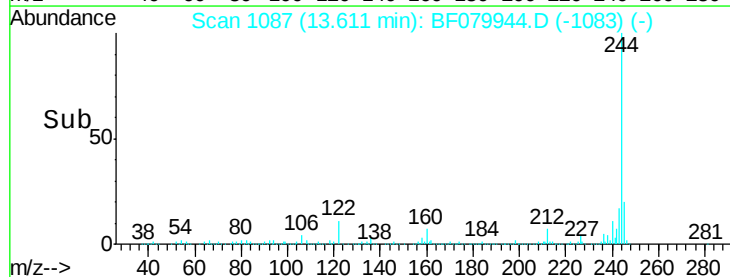
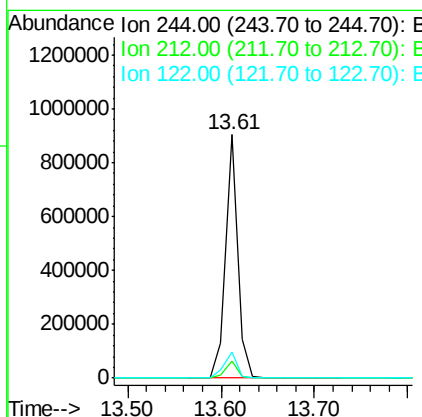
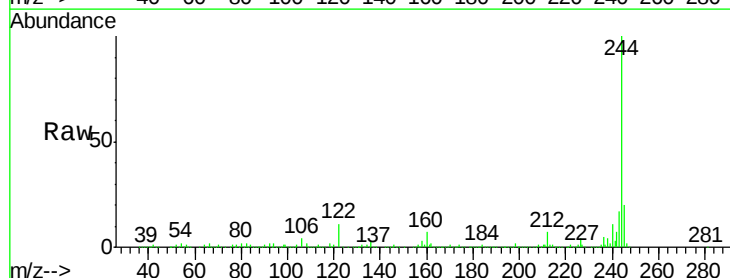
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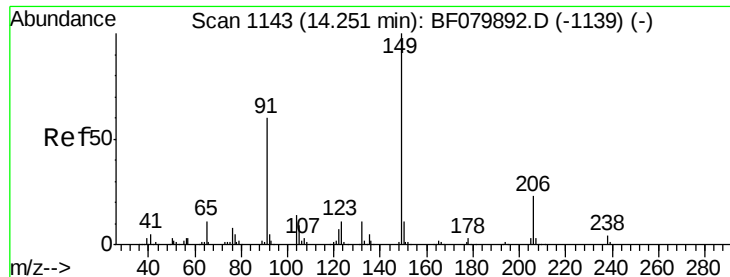
Tgt Ion: 202 Resp: 2566
 Ion Ratio Lower Upper
 202 100
 200 50.7 16.8 25.2#
 203 20.1 14.4 21.6



#78
 Terphenyl-d14
 Concen: 40635.90 ng
 RT: 13.61 min Scan# 1087
 Delta R.T. -0.16 min
 Lab File: BF079944.D
 Acq: 12 Jun 2015 19:36

Tgt Ion: 244 Resp: 821348
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 10.8 7.8 11.8





#79

Butylbenzylphthalate

Concen: 92.88 ng

RT: 14.29 min Scan# 1146

Delta R.T. -0.08 min

Lab File: BF079944.D

Acq: 12 Jun 2015 19:36

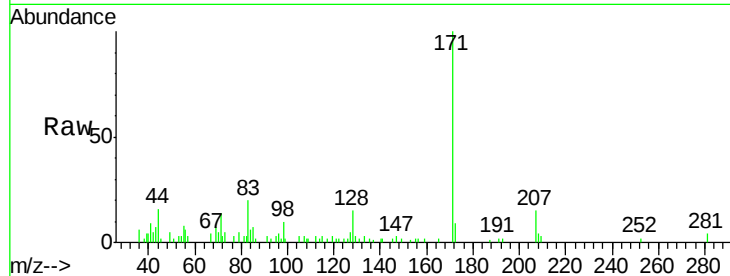
Instrument :

BNA_F

ClientSampleId :

P5-26(UNFILTERED)

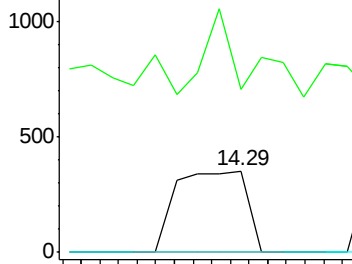
Tgt Ion:	149	Resp:	918
Ion Ratio	Lower	Upper	
149	100		
91	201.1	48.1	72.1#
206	0.0	18.6	27.8#



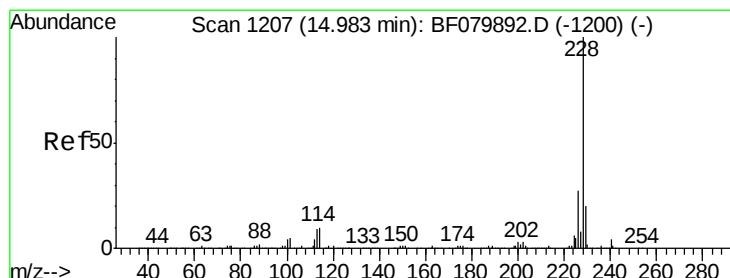
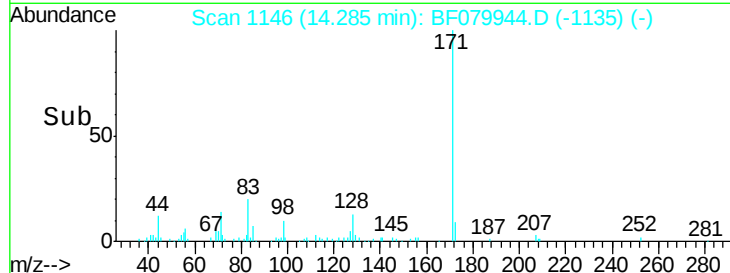
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



Time-->



#80

Benzo(a)anthracene

Concen: 8.82 ng

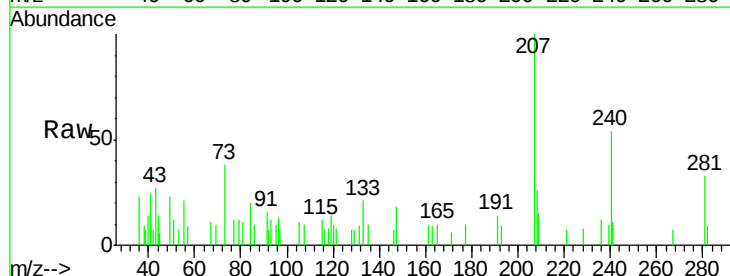
RT: 14.89 min Scan# 1199

Delta R.T. -0.23 min

Lab File: BF079944.D

Acq: 12 Jun 2015 19:36

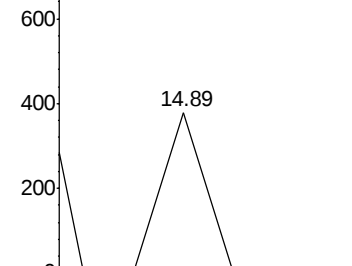
Tgt Ion:	228	Resp:	261
Ion Ratio	Lower	Upper	
228	100		
226	0.0	21.8	32.8#
229	0.0	15.9	23.9#



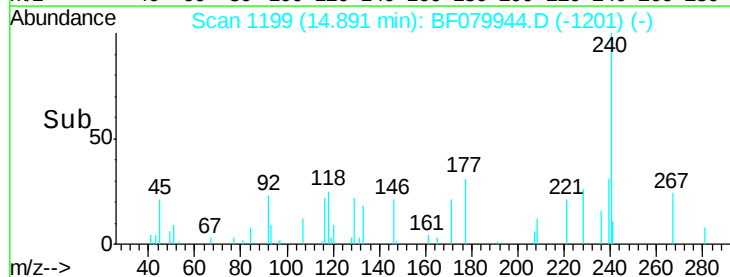
Abundance Ion 228.00 (227.70 to 228.70): E

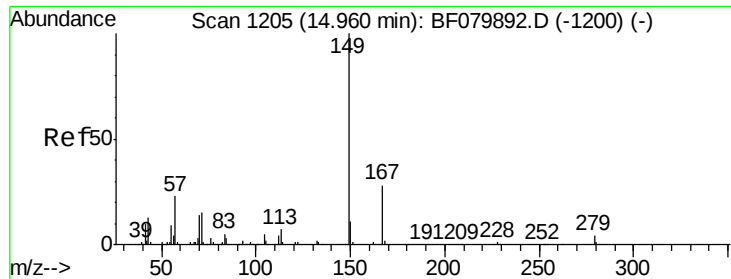
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->

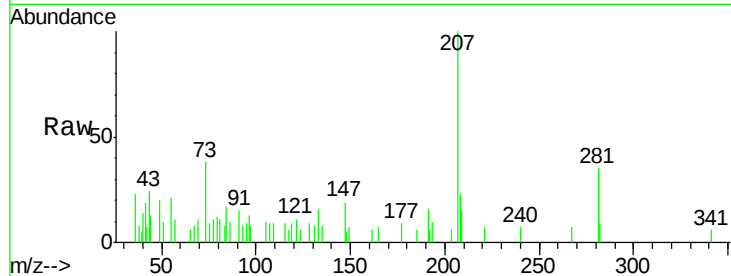




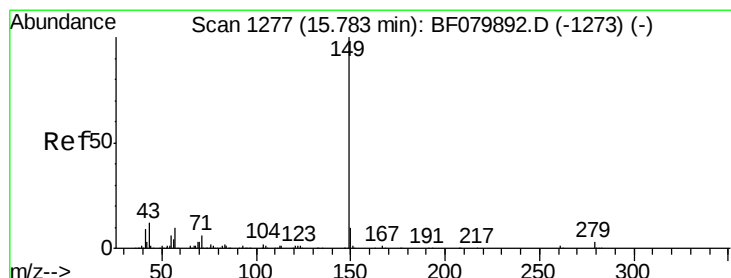
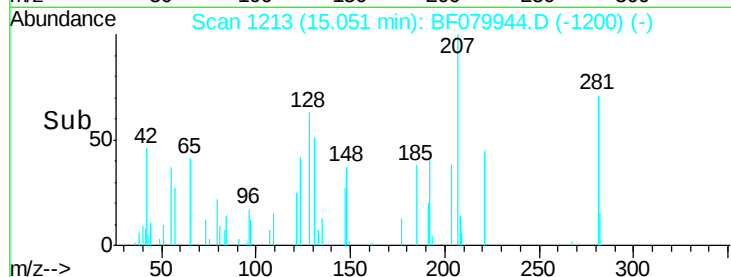
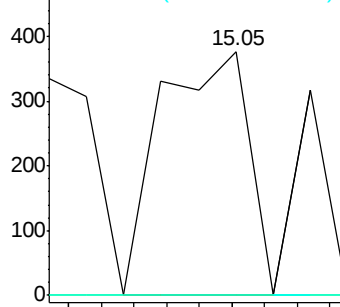
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.38 ng
 RT: 15.05 min Scan# 1213
 Delta R.T. -0.06 min
 Lab File: BF079944.D
 Acq: 12 Jun 2015 19:36

Instrument :
 BNA_F
 ClientSampleId :
 P5-26(UNFILTERED)

Tgt Ion:149 Resp: 702
 Ion Ratio Lower Upper
 149 100
 167 0.0 22.2 33.4#
 279 0.0 3.1 4.7#

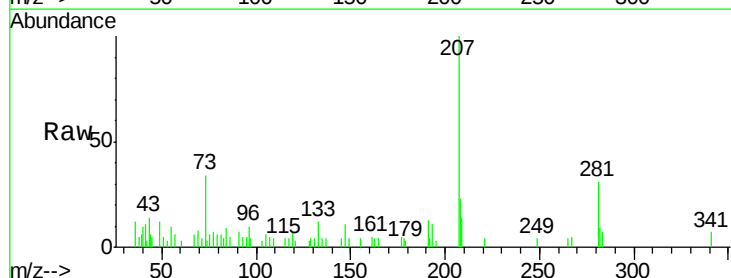


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

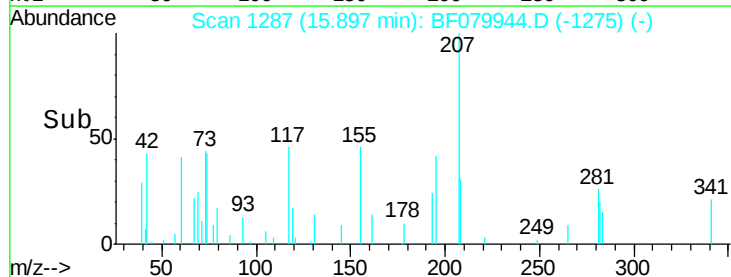
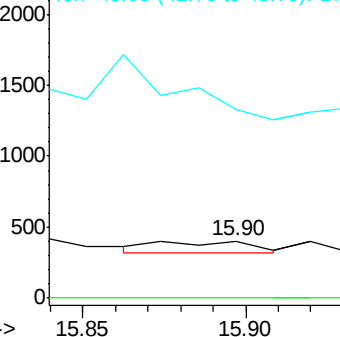


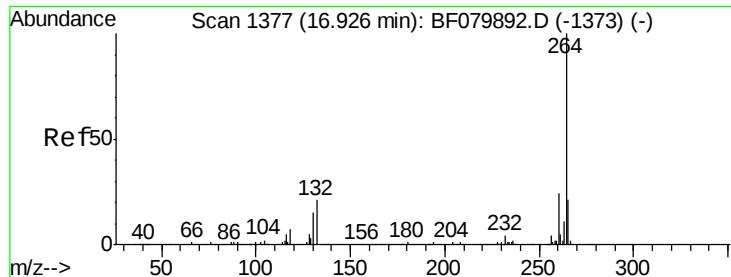
#84
 Di-n-octyl phthalate
 Concen: 6.12 ng
 RT: 15.90 min Scan# 1287
 Delta R.T. -0.07 min
 Lab File: BF079944.D
 Acq: 12 Jun 2015 19:36

Tgt Ion:149 Resp: 158
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.1 1.7#
 43 0.0 8.8 13.2#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0



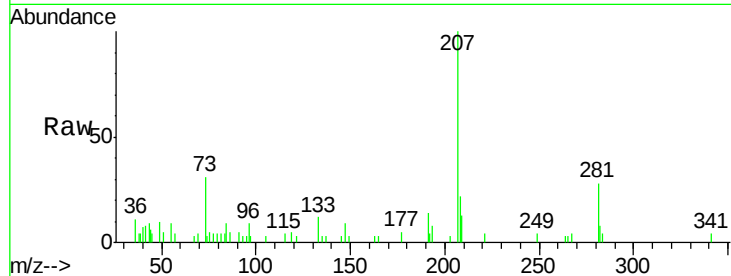


#86
Perylene-d12
Concen: 20.00 ng
RT: 16.96 min Scan# 1380
Delta R.T. -0.14 min
Lab File: BF079944.D
Acq: 12 Jun 2015 19:36

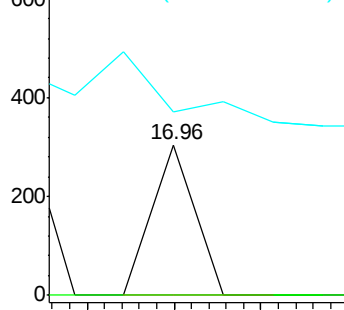
Instrument :
BNA_F
ClientSampleId :
P5-26(UNFILTERED)

Tgt Ion: 264 Resp: 209

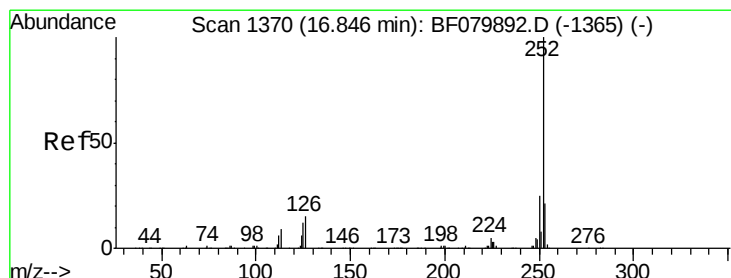
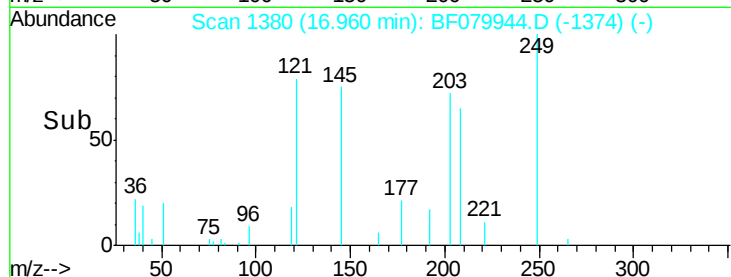
Ion	Ratio	Lower	Upper
264	100		
260	0.0	19.3	28.9#
265	121.6	17.0	25.6#



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



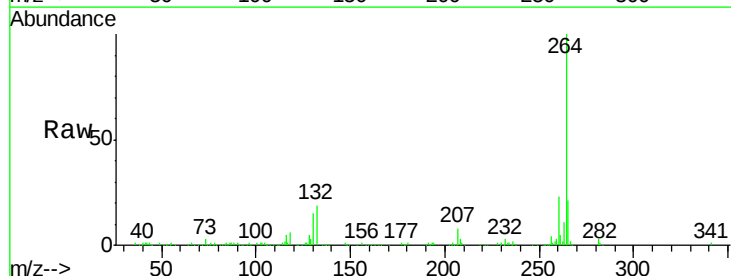
Time-->



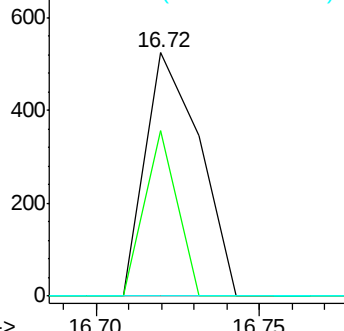
#89
Benzo(a)pyrene
Concen: 49.02 ng
RT: 16.72 min Scan# 1359
Delta R.T. -0.30 min
Lab File: BF079944.D
Acq: 12 Jun 2015 19:36

Tgt Ion: 252 Resp: 597

Ion	Ratio	Lower	Upper
252	100		
253	67.8	17.0	25.6#
125	0.0	9.7	14.5#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->

