

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
 Data File : BF079965.D
 Acq On : 13 Jun 2015 8:14
 Operator : TP/IZ
 Sample : G2523-09
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-6-4-15

Quant Time: Jun 15 00:54:55 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

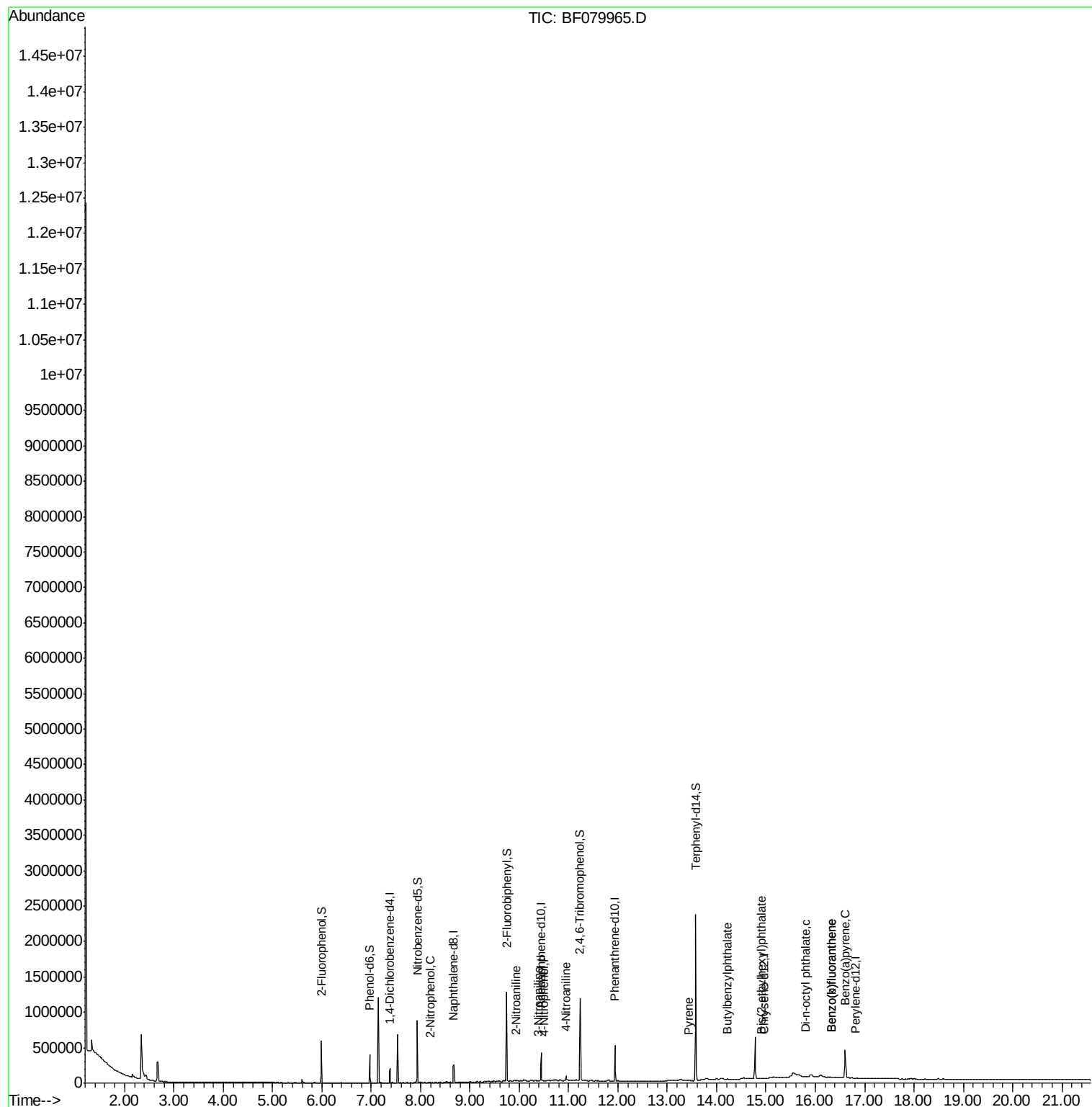
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	42959	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	165508	20.00	ng	0.00
38) Acenaphthene-d10	10.44	164	89974	20.00	ng	0.00
63) Phenanthrene-d10	11.94	188	188655	20.00	ng	-0.03
75) Chrysene-d12	14.97	240	222	20.00	ng	-0.17
86) Perylene-d12	16.81	264	217	20.00	ng	-0.29
System Monitoring Compounds						
5) 2-Fluorophenol	5.99	112	146572	62.56	ng	0.00
7) Phenol-d6	6.97	99	121454	38.05	ng	0.00
23) Nitrobenzene-d5	7.93	82	240800	95.99	ng	0.00
41) 2,4,6-Tribromophenol	11.23	330	118828	131.10	ng	-0.01
44) 2-Fluorobiphenyl	9.75	172	551586	85.84	ng	0.00
78) Terphenyl-d14	13.58	244	786992	81730.84	ng	-0.19
Target Compounds						
26) 2-Nitrophenol	8.19	139	290	3.12	ng	# 44
47) 2-Nitroaniline	9.94	65	749	4.80	ng	# 14
52) 3-Nitroaniline	10.38	138	224	3.01	ng	# 1
55) 4-Nitrophenol	10.50	139	261	2.78	ng	# 1
61) 4-Nitroaniline	10.95	138	229	3.24	ng	# 1
77) Pyrene	13.44	202	1950	139.85	ng	# 92
79) Butylbenzylphthalate	14.22	149	715	151.86	ng	# 48
83) Bis(2-ethylhexyl)phthalate	14.90	149	520	69.00	ng	# 52
84) Di-n-octyl phthalate	15.81	149	344	27.99	ng	# 74
87) Benzo(b)fluoranthene	16.33	252	215	16.17	ng	# 1
88) Benzo(k)fluoranthene	16.33	252	215	15.85	ng	# 1
89) Benzo(a)pyrene	16.61	252	1708	135.07	ng	# 1

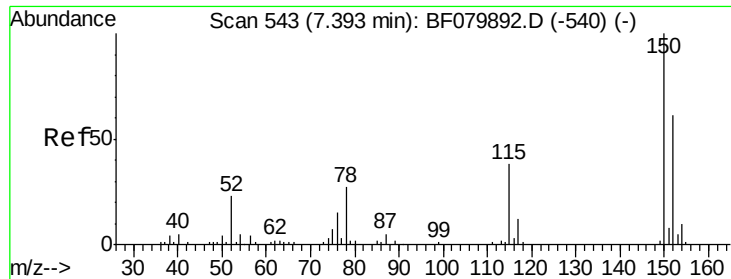
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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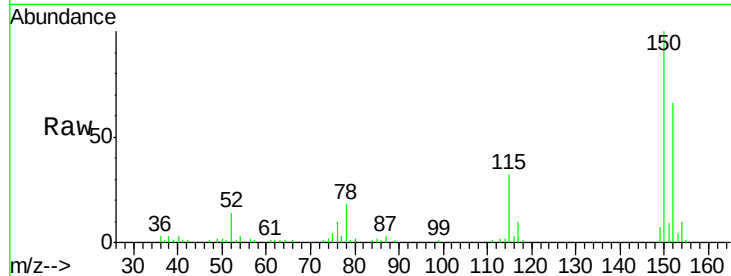


#1

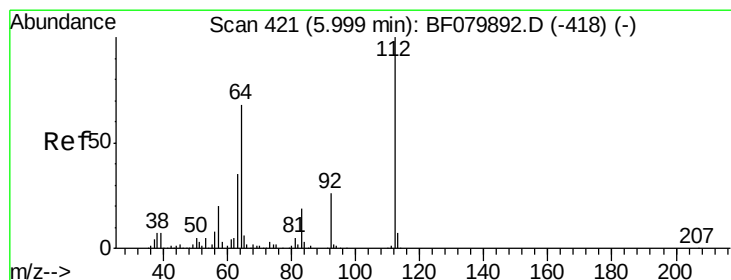
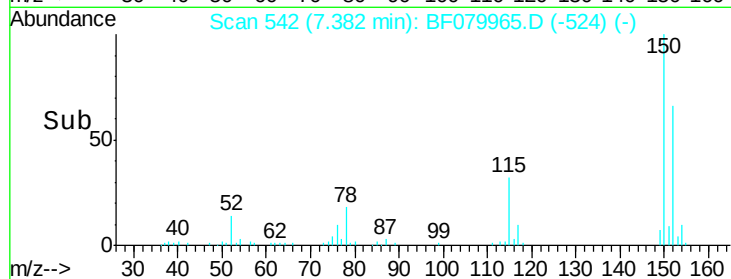
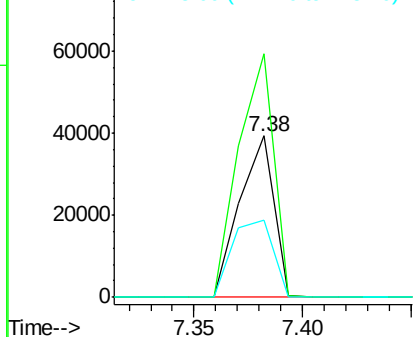
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF079965.D
Acq: 13 Jun 2015 8:14

Instrument :
BNA_F
ClientSampleId :
PZ-1-6-4-15

Tgt Ion:152 Resp: 42959
Ion Ratio Lower Upper
152 100
150 151.1 131.0 196.4
115 48.3 49.8 74.6#



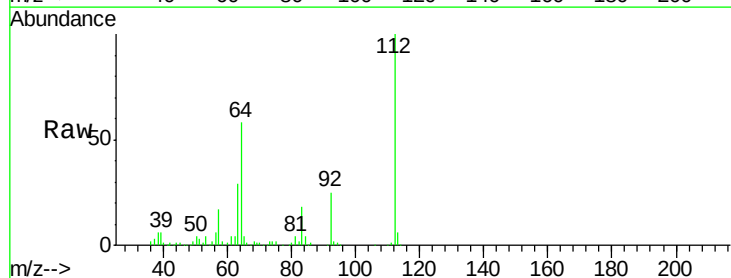
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



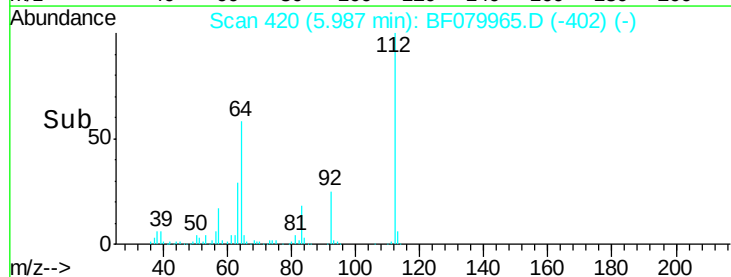
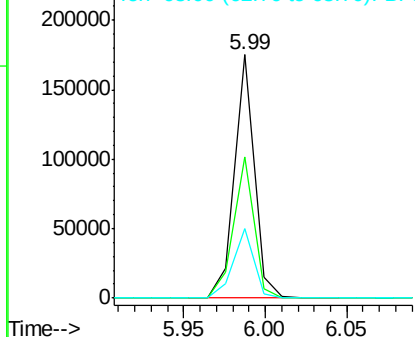
#5

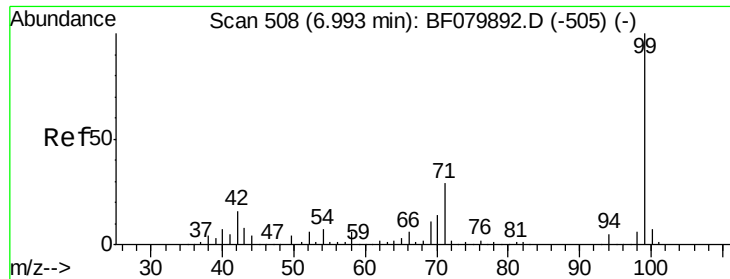
2-Fluorophenol
Concen: 62.56 ng
RT: 5.99 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF079965.D
Acq: 13 Jun 2015 8:14

Tgt Ion:112 Resp: 146572
Ion Ratio Lower Upper
112 100
64 58.0 54.5 81.7
63 28.7 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: 38.05 ng

RT: 6.97 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF079965.D

Acq: 13 Jun 2015 8:14

Instrument :

BNA_F

ClientSampleId :

PZ-1-6-4-15

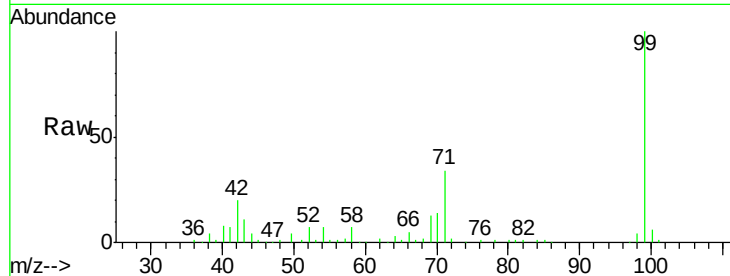
Tgt Ion: 99 Resp: 121454

Ion Ratio Lower Upper

99 100

42 19.5 12.9 19.3#

71 33.7 23.4 35.2

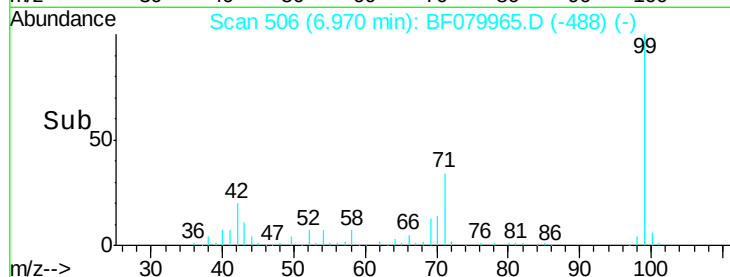


Abundance Ion 99.00 (98.70 to 99.70): BF079892.D (-505) (-)

Ion 42.00 (41.70 to 42.70): BF079892.D (-505) (-)

Ion 71.00 (70.70 to 71.70): BF079892.D (-505) (-)

Time-->

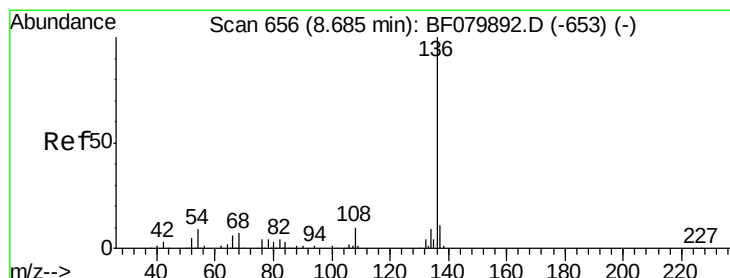


Abundance Ion 99.00 (98.70 to 99.70): BF079892.D (-505) (-)

Ion 42.00 (41.70 to 42.70): BF079892.D (-505) (-)

Ion 71.00 (70.70 to 71.70): BF079892.D (-505) (-)

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.67 min Scan# 655

Delta R.T. 0.00 min

Lab File: BF079965.D

Acq: 13 Jun 2015 8:14

Tgt Ion: 136 Resp: 165508

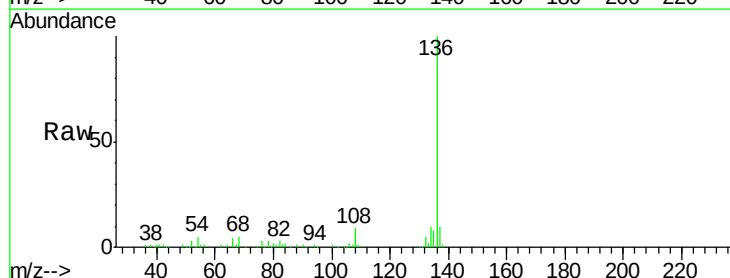
Ion Ratio Lower Upper

136 100

137 10.3 8.7 13.1

54 5.4 7.3 10.9#

68 5.0 5.9 8.9#



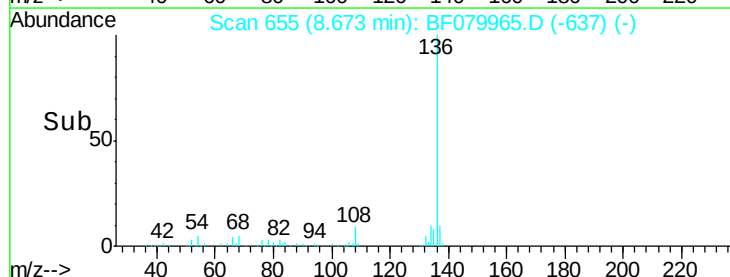
Abundance Ion 136.00 (135.70 to 136.70): BF079892.D (-653) (-)

Ion 137.00 (136.70 to 137.70): BF079892.D (-653) (-)

Ion 54.00 (53.70 to 54.70): BF079892.D (-653) (-)

Ion 68.00 (67.70 to 68.70): BF079892.D (-653) (-)

Time-->



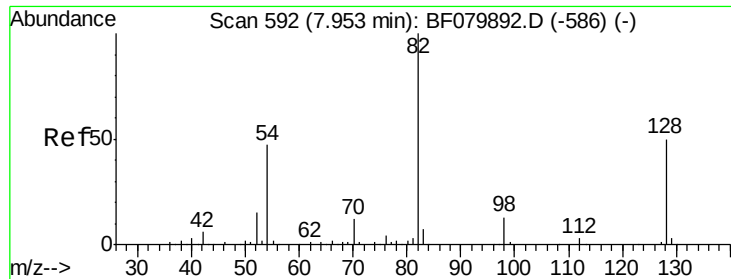
Abundance Ion 136.00 (135.70 to 136.70): BF079892.D (-653) (-)

Ion 137.00 (136.70 to 137.70): BF079892.D (-653) (-)

Ion 54.00 (53.70 to 54.70): BF079892.D (-653) (-)

Ion 68.00 (67.70 to 68.70): BF079892.D (-653) (-)

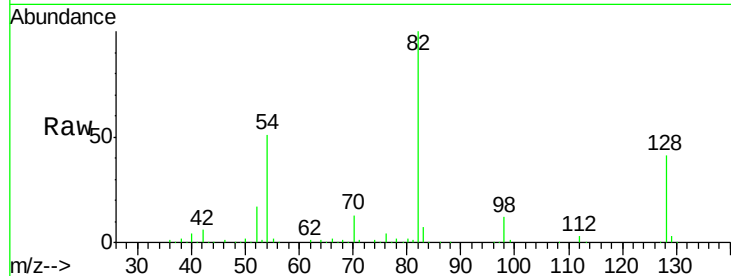
Time-->



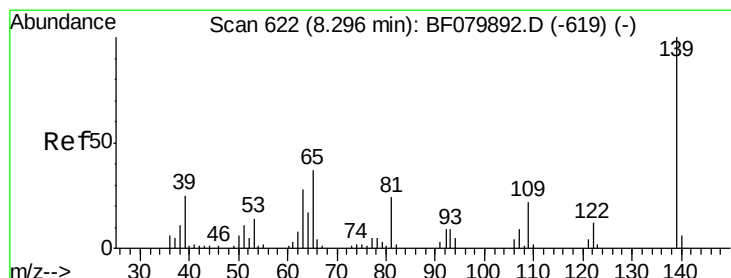
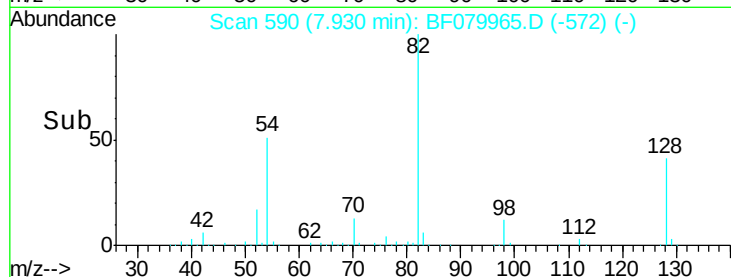
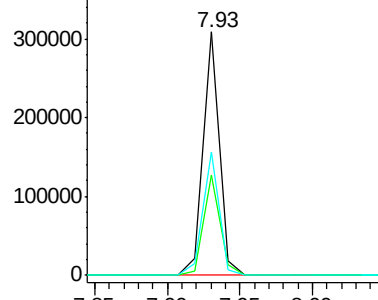
#23
 Nitrobenzene-d5
 Concen: 95.99 ng
 RT: 7.93 min Scan# 590
 Delta R.T. 0.00 min
 Lab File: BF079965.D
 Acq: 13 Jun 2015 8:14

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-6-4-15

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.1	40.3	60.5
54	50.7	38.0	57.0

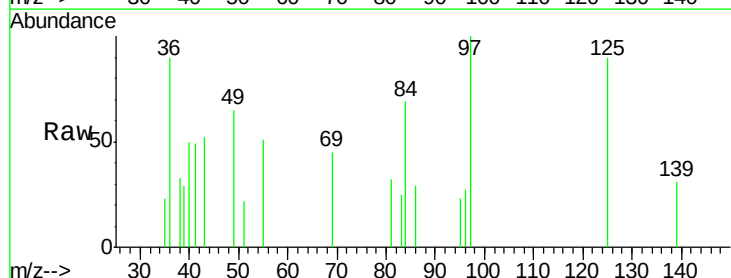


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

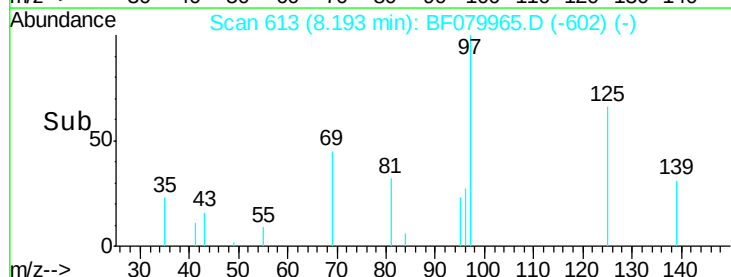
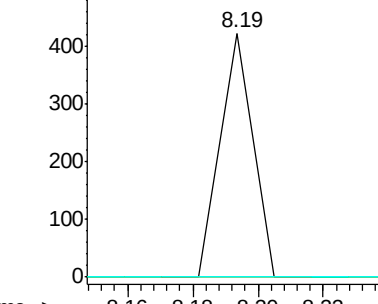


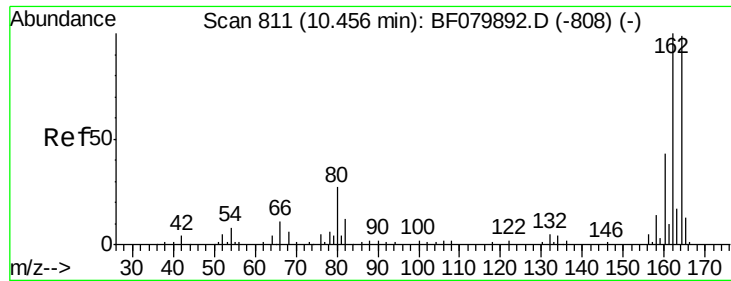
#26
 2-Nitrophenol
 Concen: 3.12 ng
 RT: 8.19 min Scan# 613
 Delta R.T. -0.08 min
 Lab File: BF079965.D
 Acq: 13 Jun 2015 8:14

Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.0	17.8	26.6#
65	0.0	29.4	44.0#



Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BF0

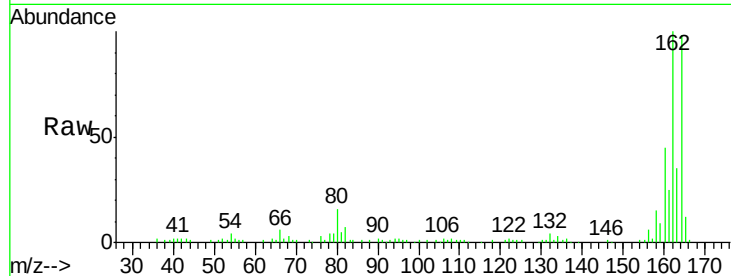




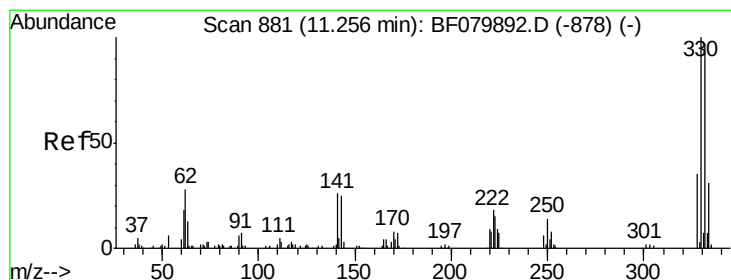
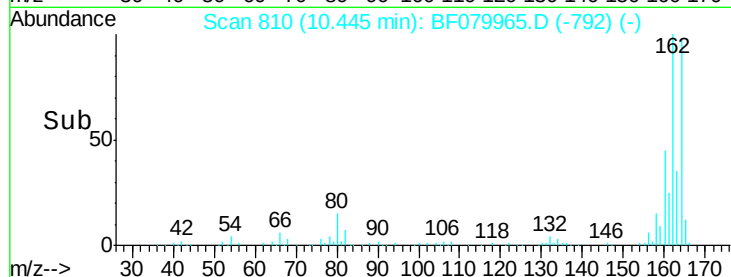
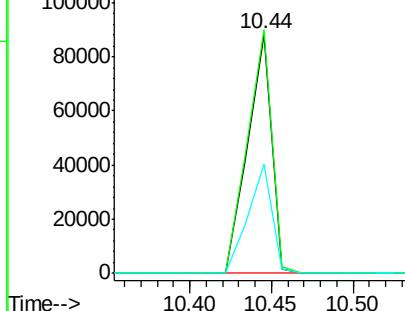
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.44 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF079965.D
 Acq: 13 Jun 2015 8:14

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-6-4-15

Tgt Ion:164 Resp: 89974
 Ion Ratio Lower Upper
 164 100
 162 102.1 80.7 121.1
 160 45.6 34.6 51.8

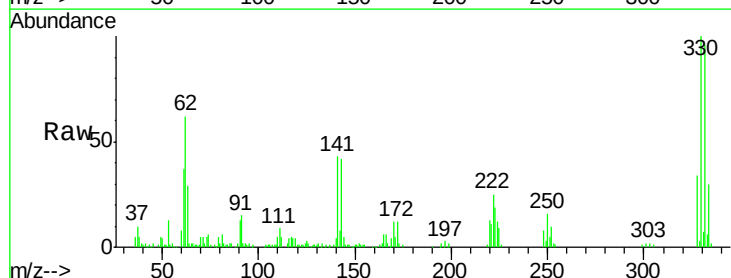


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

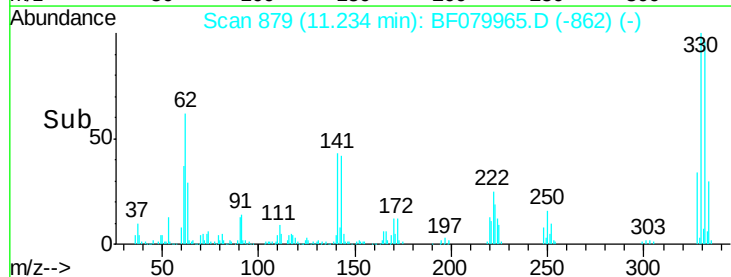
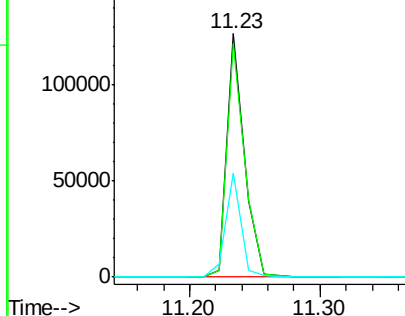


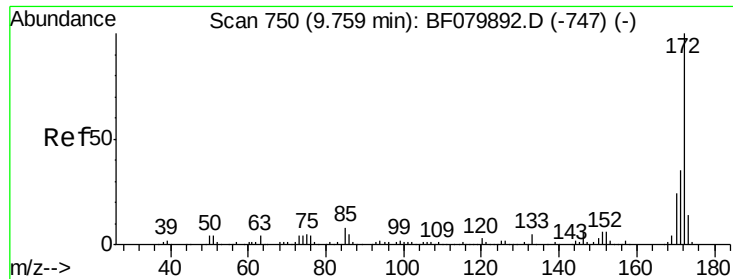
#41
 2,4,6-Tribromophenol
 Concen: 131.10 ng
 RT: 11.23 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF079965.D
 Acq: 13 Jun 2015 8:14

Tgt Ion:330 Resp: 118828
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.3 115.9
 141 38.0 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

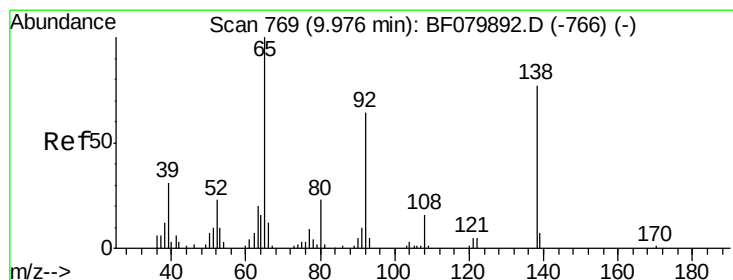
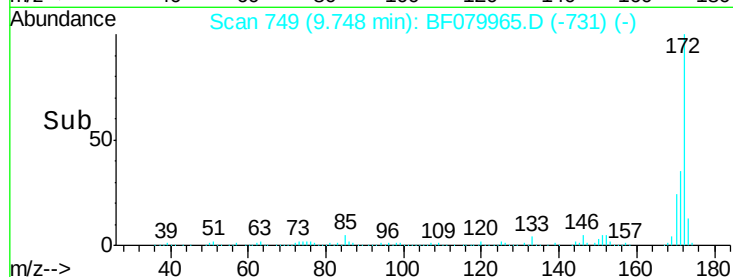
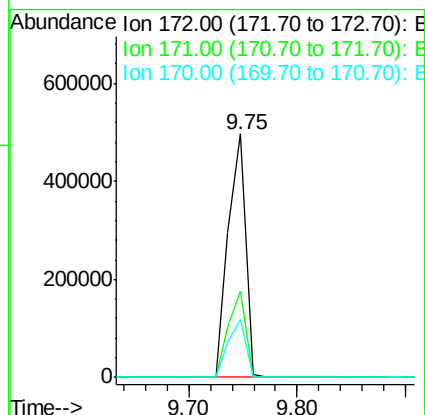
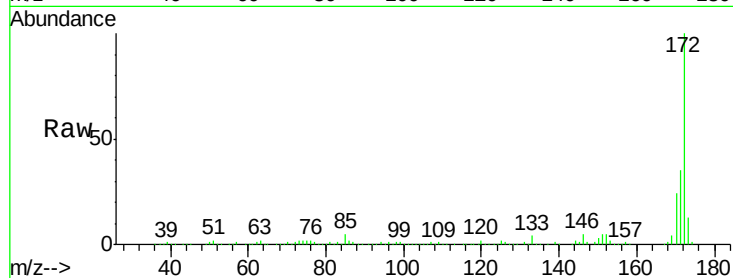




#44
 2-Fluorobiphenyl
 Concen: 85.84 ng
 RT: 9.75 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: BF079965.D
 Acq: 13 Jun 2015 8:14

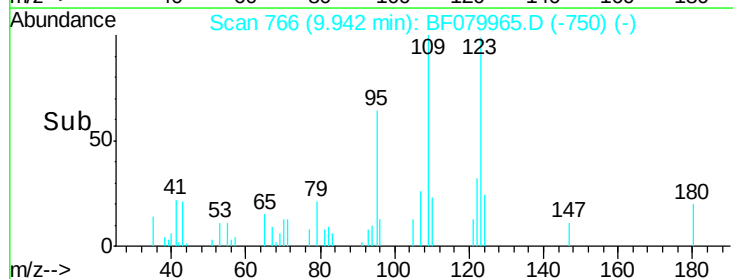
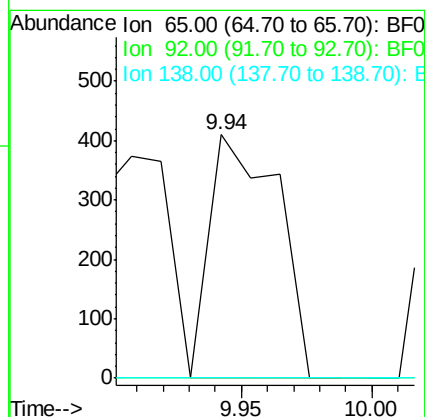
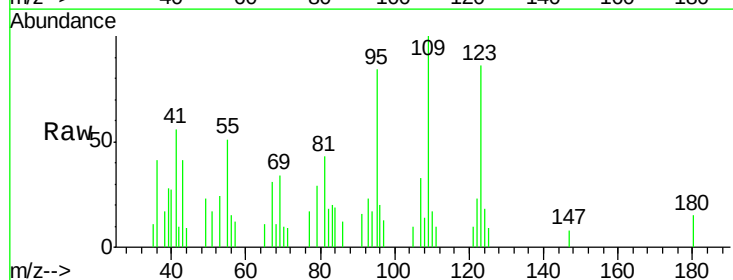
Instrument :
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 PZ-1-6-4-15

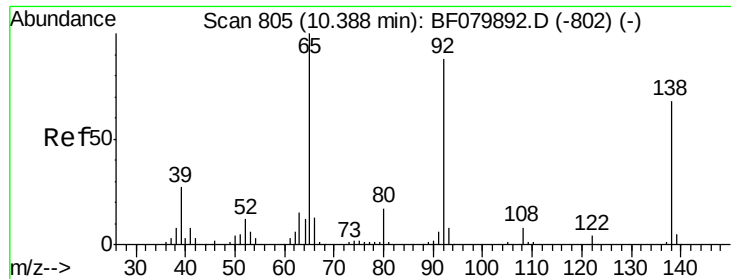
Tgt Ion: 172 Resp: 551586
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.3 42.5
 170 23.7 19.0 28.4



#47
 2-Nitroaniline
 Concen: 4.80 ng
 RT: 9.94 min Scan# 766
 Delta R.T. -0.02 min
 Lab File: BF079965.D
 Acq: 13 Jun 2015 8:14

Tgt Ion: 65 Resp: 749
 Ion Ratio Lower Upper
 65 100
 92 0.0 51.1 76.7#
 138 0.0 62.0 93.0#

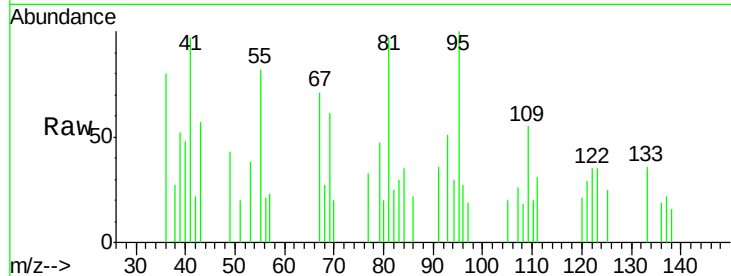




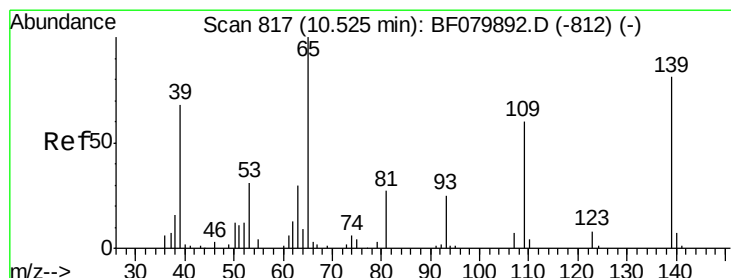
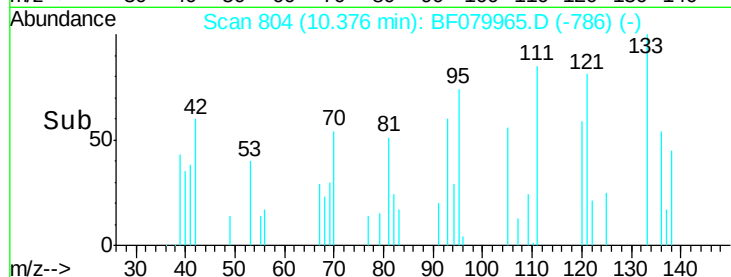
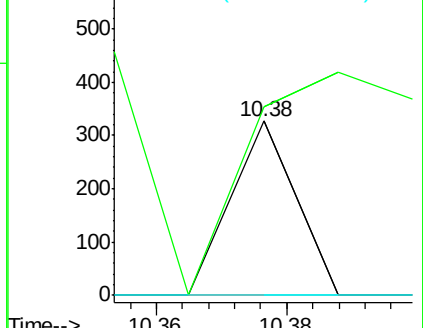
#52
3-Nitroaniline
Concen: 3.01 ng
RT: 10.38 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF079965.D
Acq: 13 Jun 2015 8:14

Instrument :
BNA_F
ClientSampleId :
PZ-1-6-4-15

Tgt Ion:138 Resp: 224
Ion Ratio Lower Upper
138 100
108 108.0 9.0 13.6#
92 0.0 103.1 154.7#

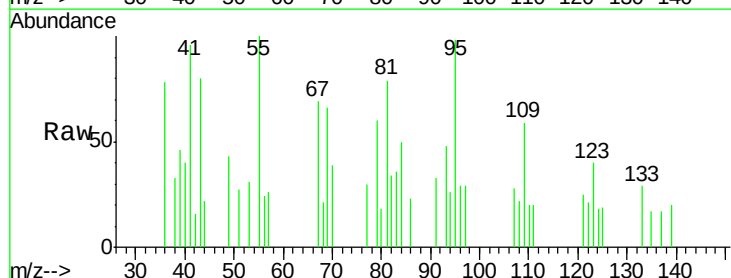


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0

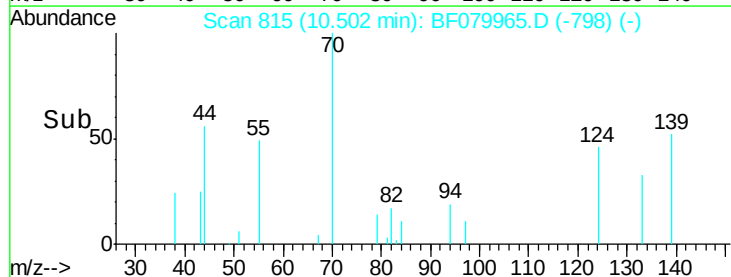
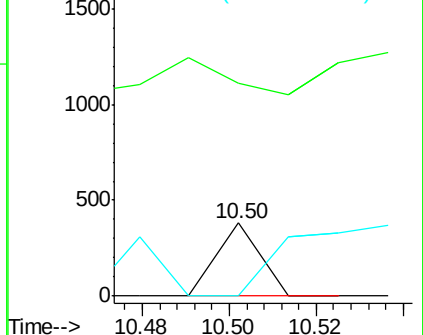


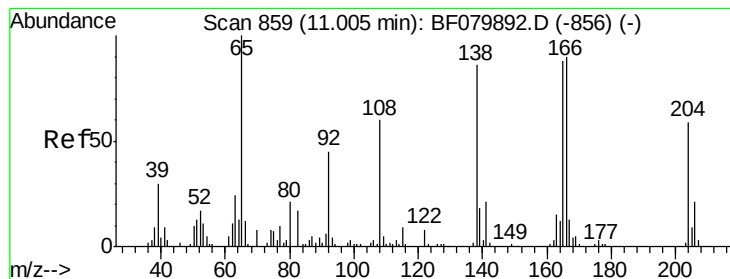
#55
4-Nitrophenol
Concen: 2.78 ng
RT: 10.50 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF079965.D
Acq: 13 Jun 2015 8:14

Tgt Ion:139 Resp: 261
Ion Ratio Lower Upper
139 100
109 290.8 54.8 94.8#
65 0.0 104.8 144.8#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#61

4-Nitroaniline

Concen: 3.24 ng

RT: 10.95 min Scan# 854

Delta R.T. -0.05 min

Lab File: BF079965.D

Acq: 13 Jun 2015 8:14

Instrument :

BNA_F

ClientSampleId :

PZ-1-6-4-15

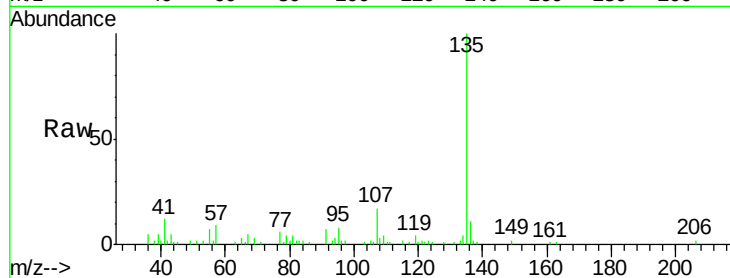
Tgt Ion:138 Resp: 229

Ion Ratio Lower Upper

138 100

92 0.0 32.9 72.9#

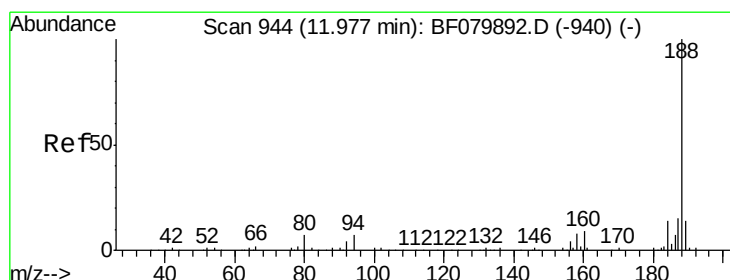
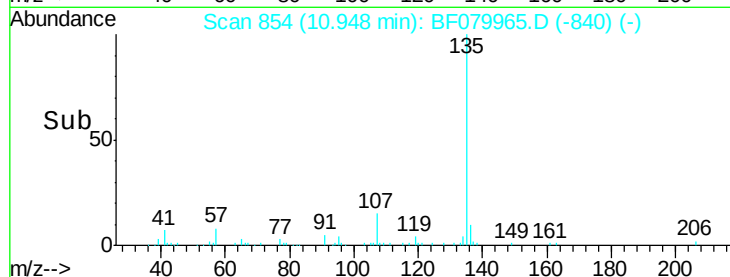
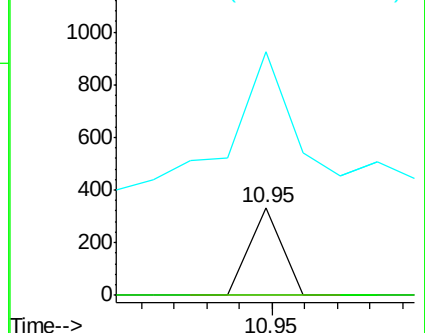
108 276.9 50.4 90.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.94 min Scan# 941

Delta R.T. -0.03 min

Lab File: BF079965.D

Acq: 13 Jun 2015 8:14

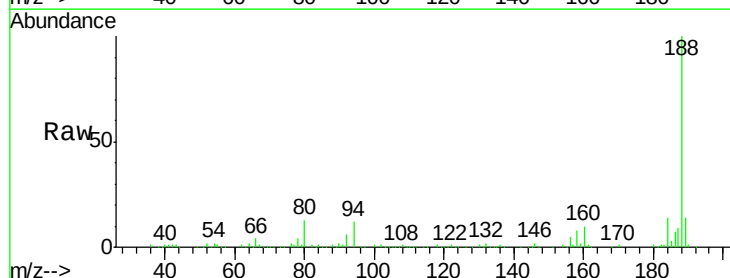
Tgt Ion:188 Resp: 188655

Ion Ratio Lower Upper

188 100

94 11.8 5.8 8.8#

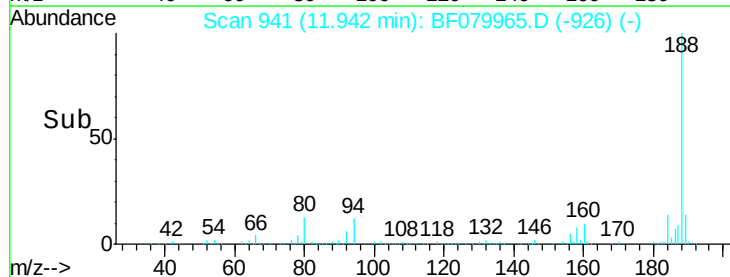
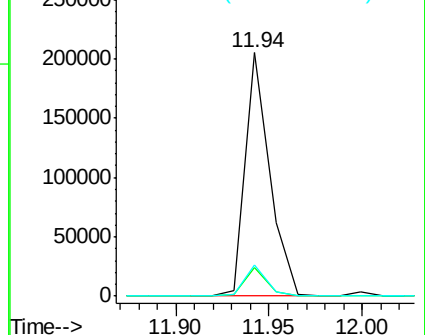
80 12.7 5.9 8.9#

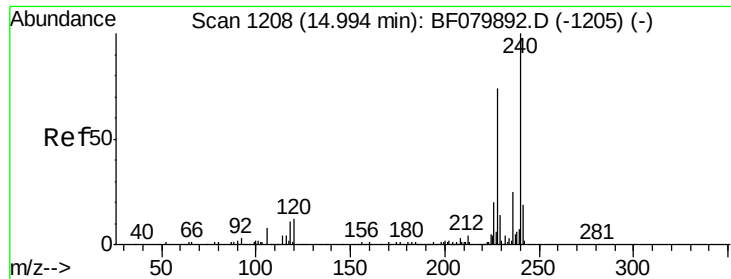


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.97 min Scan# 1206

Delta R.T. -0.17 min

Lab File: BF079965.D

Acq: 13 Jun 2015 8:14

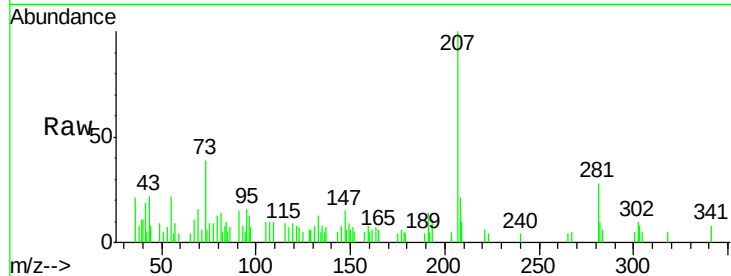
Instrument :

BNA_F

ClientSampleId :

PZ-1-6-4-15

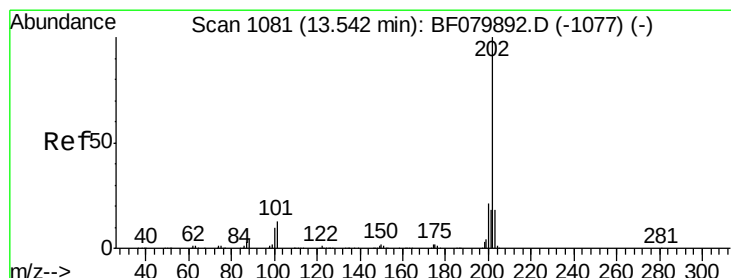
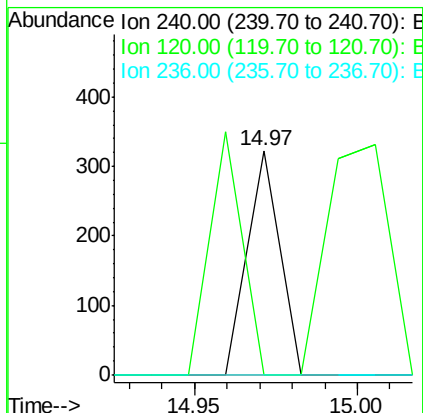
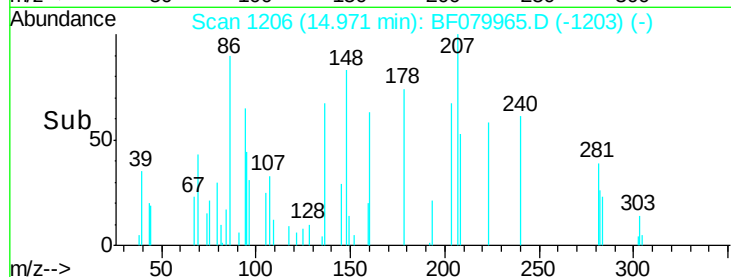
Tgt Ion:	240	Resp:	222
Ion Ratio	Lower	Upper	
240	100		
120	0.0	9.4	14.2#
236	0.0	19.6	29.4#



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: 139.85 ng

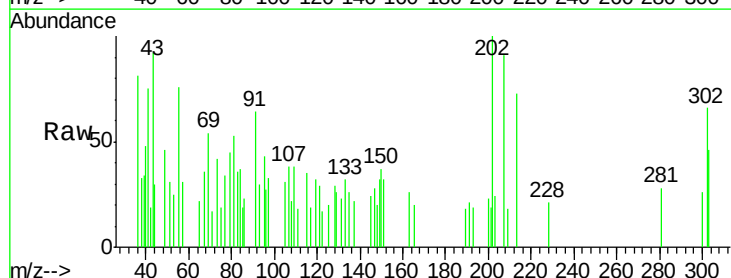
RT: 13.44 min Scan# 1072

Delta R.T. -0.17 min

Lab File: BF079965.D

Acq: 13 Jun 2015 8:14

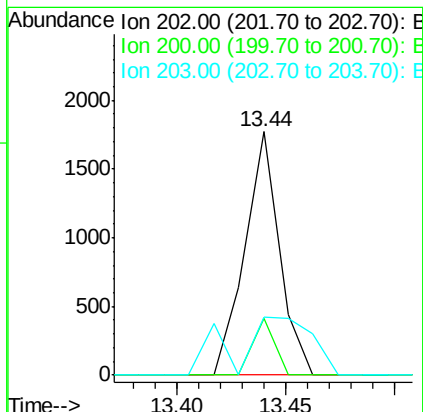
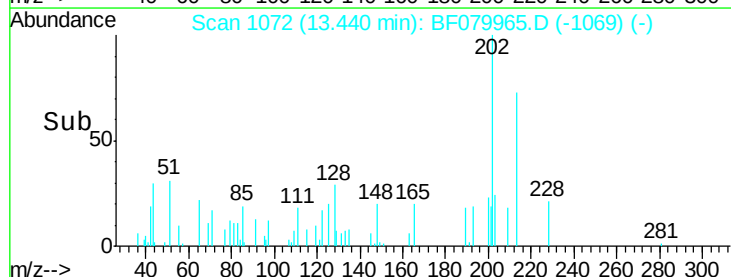
Tgt Ion:	202	Resp:	1950
Ion Ratio	Lower	Upper	
202	100		
200	23.2	16.8	25.2
203	23.7	14.4	21.6#

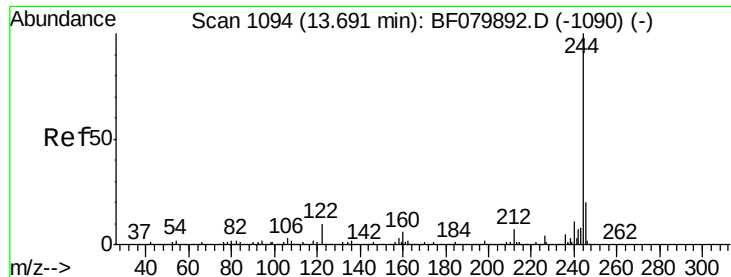


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 81730.84 ng

RT: 13.58 min Scan# 1084

Delta R.T. -0.19 min

Lab File: BF079965.D

Acq: 13 Jun 2015 8:14

Instrument :

BNA_F

ClientSampleId :

PZ-1-6-4-15

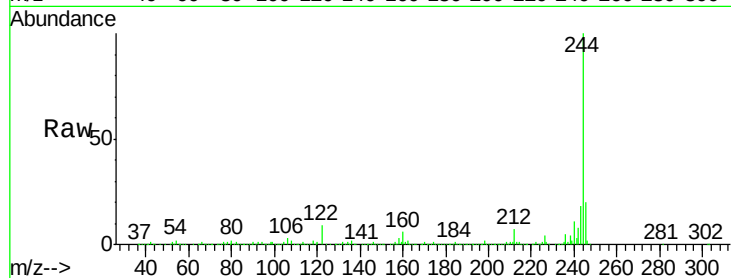
Tgt Ion:244 Resp: 786992

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

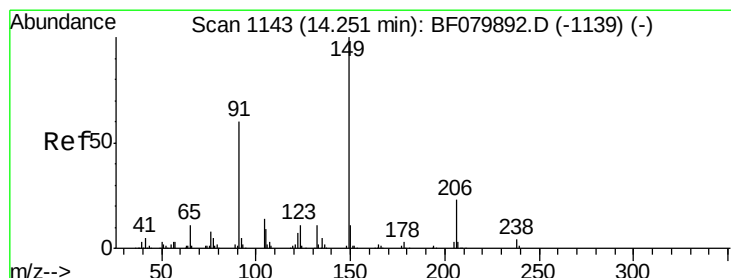
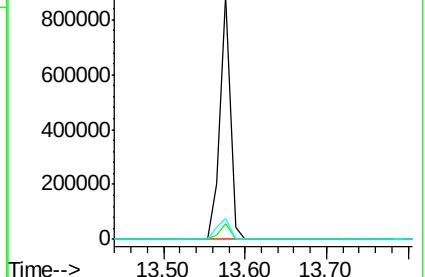
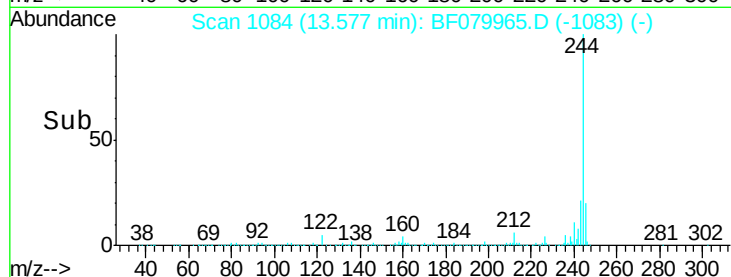
122 8.8 7.8 11.8



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



#79

Butylbenzylphthalate

Concen: 151.86 ng

RT: 14.22 min Scan# 1140

Delta R.T. -0.15 min

Lab File: BF079965.D

Acq: 13 Jun 2015 8:14

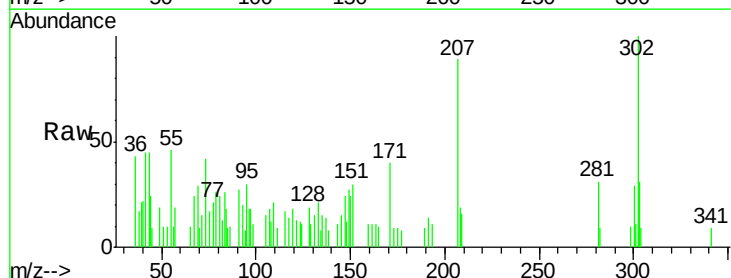
Tgt Ion:149 Resp: 715

Ion Ratio Lower Upper

149 100

91 100.8 48.1 72.1#

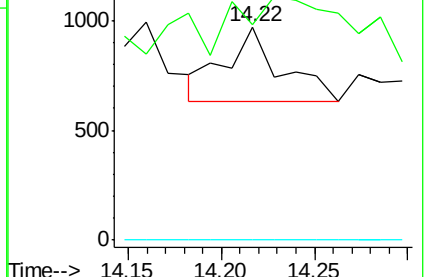
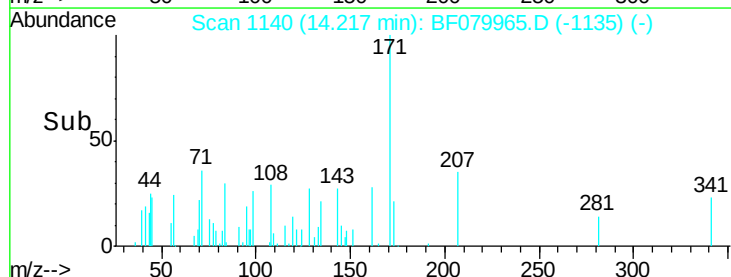
206 0.0 18.6 27.8#

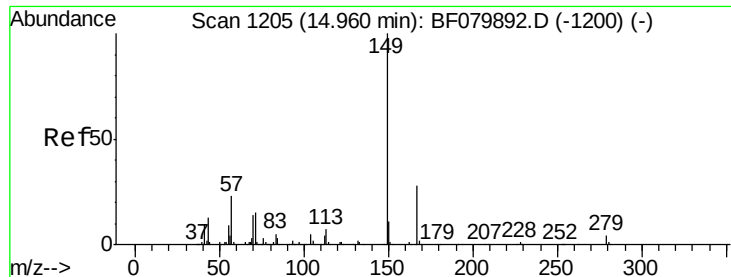


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

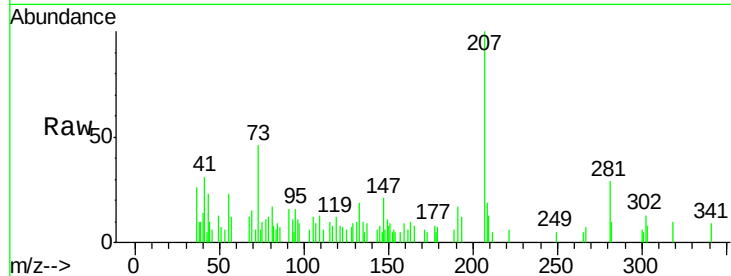




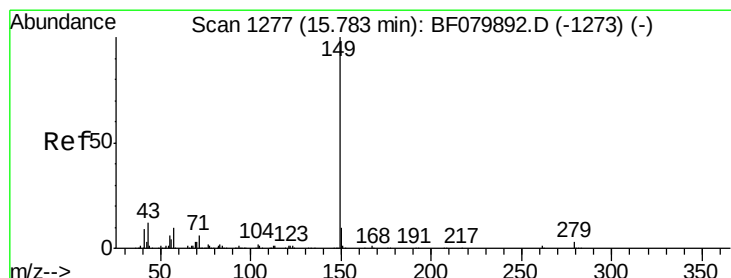
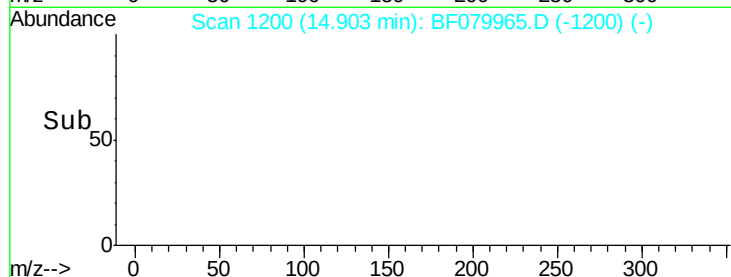
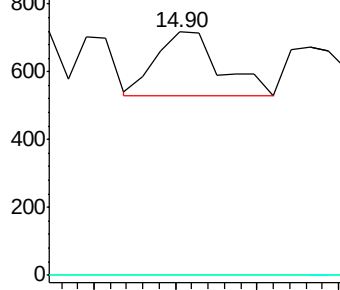
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 69.00 ng
 RT: 14.90 min Scan# 1200
 Delta R.T. -0.21 min
 Lab File: BF079965.D
 Acq: 13 Jun 2015 8:14

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-6-4-15

Tgt Ion:149 Resp: 520
 Ion Ratio Lower Upper
 149 100
 167 0.0 22.2 33.4#
 279 0.0 3.1 4.7#

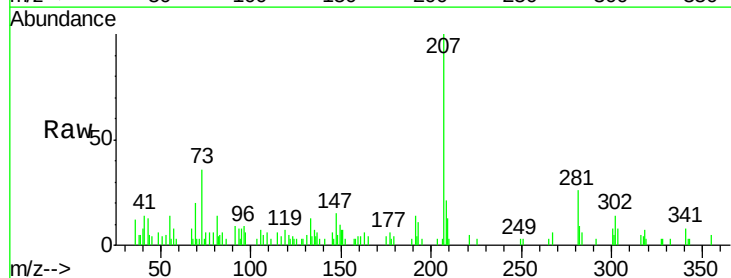


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

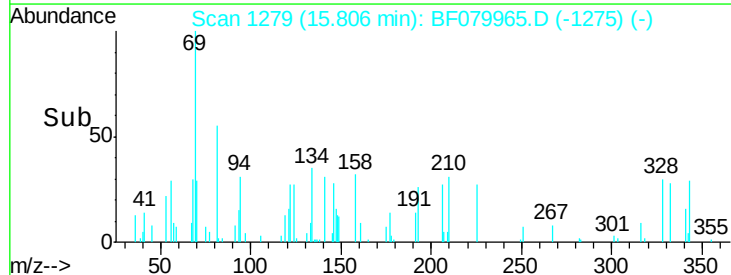
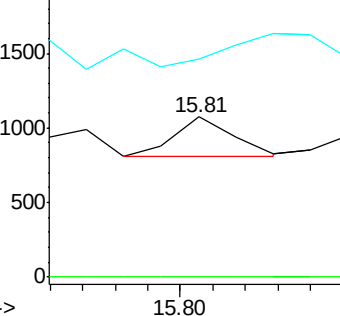


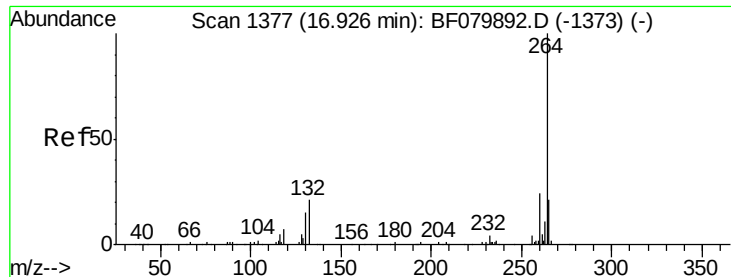
#84
 Di-n-octyl phthalate
 Concen: 27.99 ng
 RT: 15.81 min Scan# 1279
 Delta R.T. -0.16 min
 Lab File: BF079965.D
 Acq: 13 Jun 2015 8:14

Tgt Ion:149 Resp: 344
 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

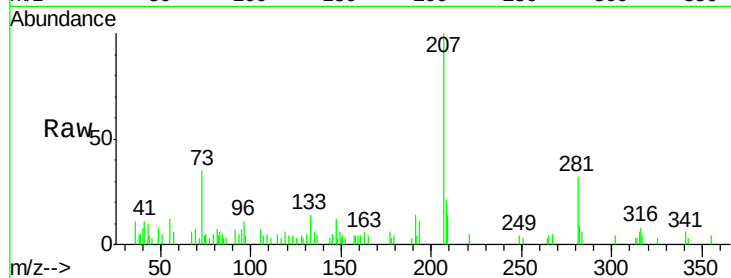




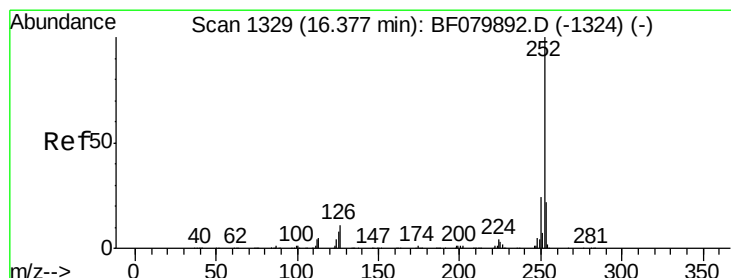
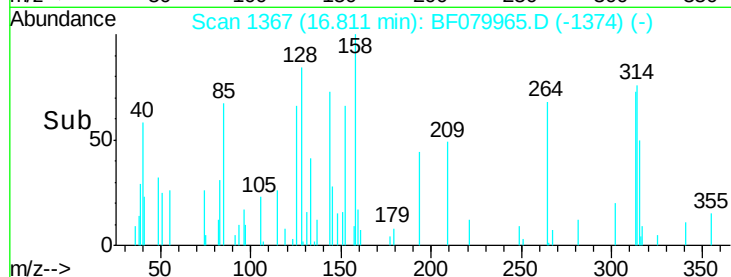
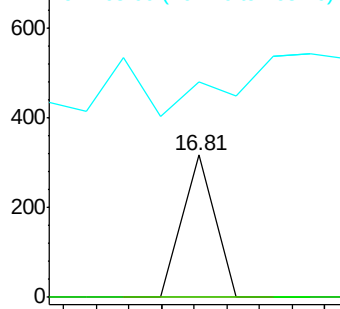
#86
Perylene-d12
Concen: 20.00 ng
RT: 16.81 min Scan# 1367
Delta R.T. -0.29 min
Lab File: BF079965.D
Acq: 13 Jun 2015 8:14

Instrument :
BNA_F
ClientSampleId :
PZ-1-6-4-15

Tgt Ion: 264 Resp: 217
Ion Ratio Lower Upper
264 100
260 0.0 19.3 28.9#
265 151.7 17.0 25.6#

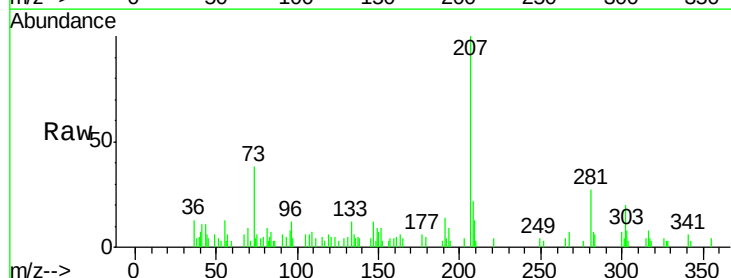


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

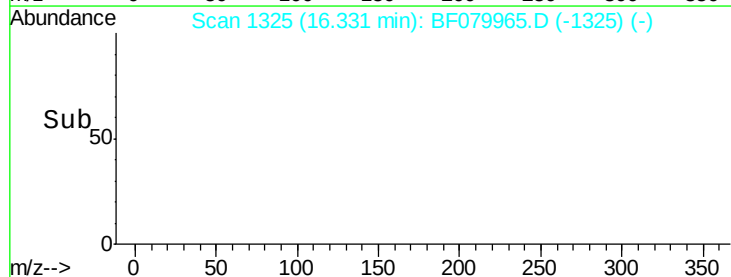
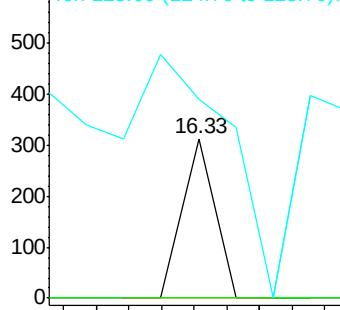


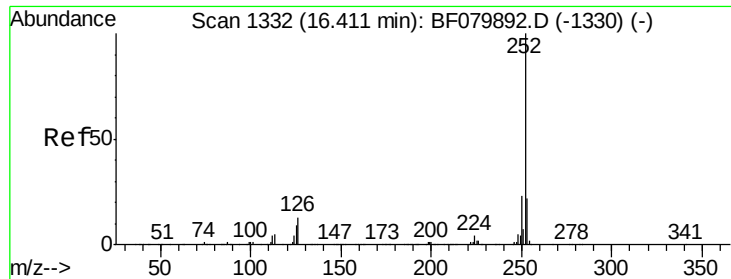
#87
Benzo(b)fluoranthene
Concen: 16.17 ng
RT: 16.33 min Scan# 1325
Delta R.T. -0.21 min
Lab File: BF079965.D
Acq: 13 Jun 2015 8:14

Tgt Ion: 252 Resp: 215
Ion Ratio Lower Upper
252 100
253 0.0 17.8 26.6#
125 124.6 6.5 9.7#



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

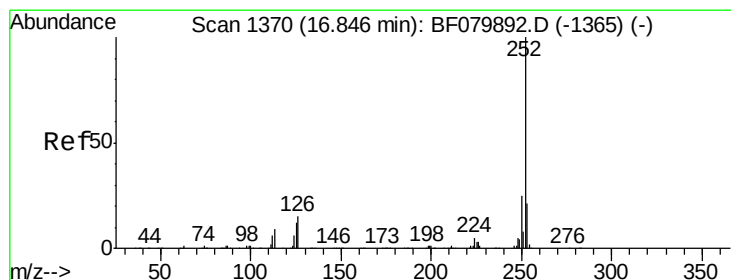
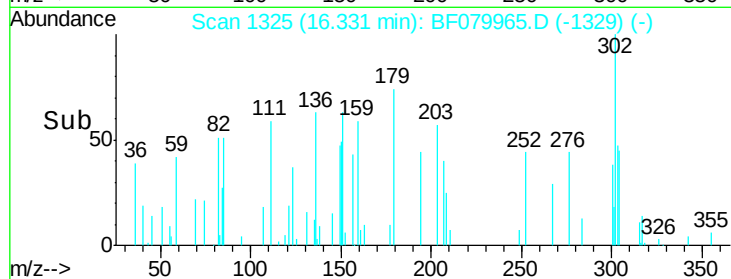
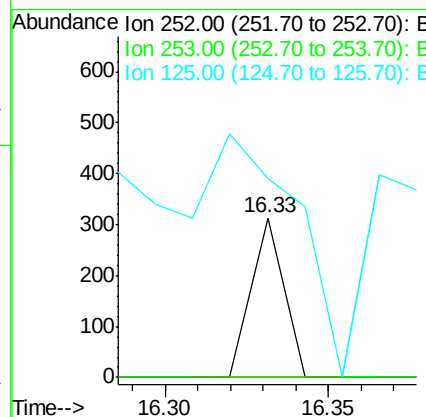
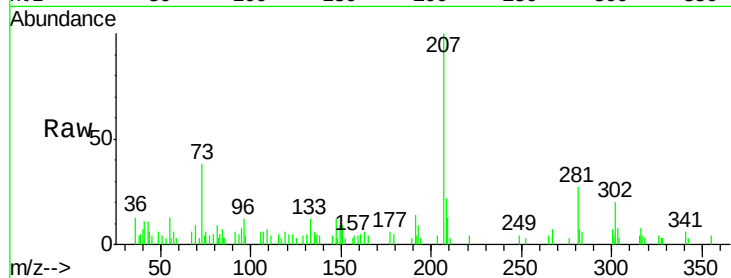




#88
Benzo(k)fluoranthene
Concen: 15.85 ng
RT: 16.33 min Scan# 1325
Delta R.T. -0.25 min
Lab File: BF079965.D
Acq: 13 Jun 2015 8:14

Instrument :
BNA_F
ClientSampled :
PZ-1-6-4-15

Tgt Ion: 252 Resp: 215
Ion Ratio Lower Upper
252 100
253 0.0 17.4 26.2#
125 124.6 7.4 11.0#



#89
Benzo(a)pyrene
Concen: 135.07 ng
RT: 16.61 min Scan# 1349
Delta R.T. -0.41 min
Lab File: BF079965.D
Acq: 13 Jun 2015 8:14

Tgt Ion: 252 Resp: 1708
Ion Ratio Lower Upper
252 100
253 64.9 17.0 25.6#
125 62.1 9.7 14.5#

