

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052215\
 Data File : BF079432.D
 Acq On : 22 May 2015 14:45
 Operator : TP/IZ
 Sample : G2255-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KY024MW068-150512

Quant Time: May 22 22:59:49 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 22 22:53:44 2015
 Response via : Initial Calibration

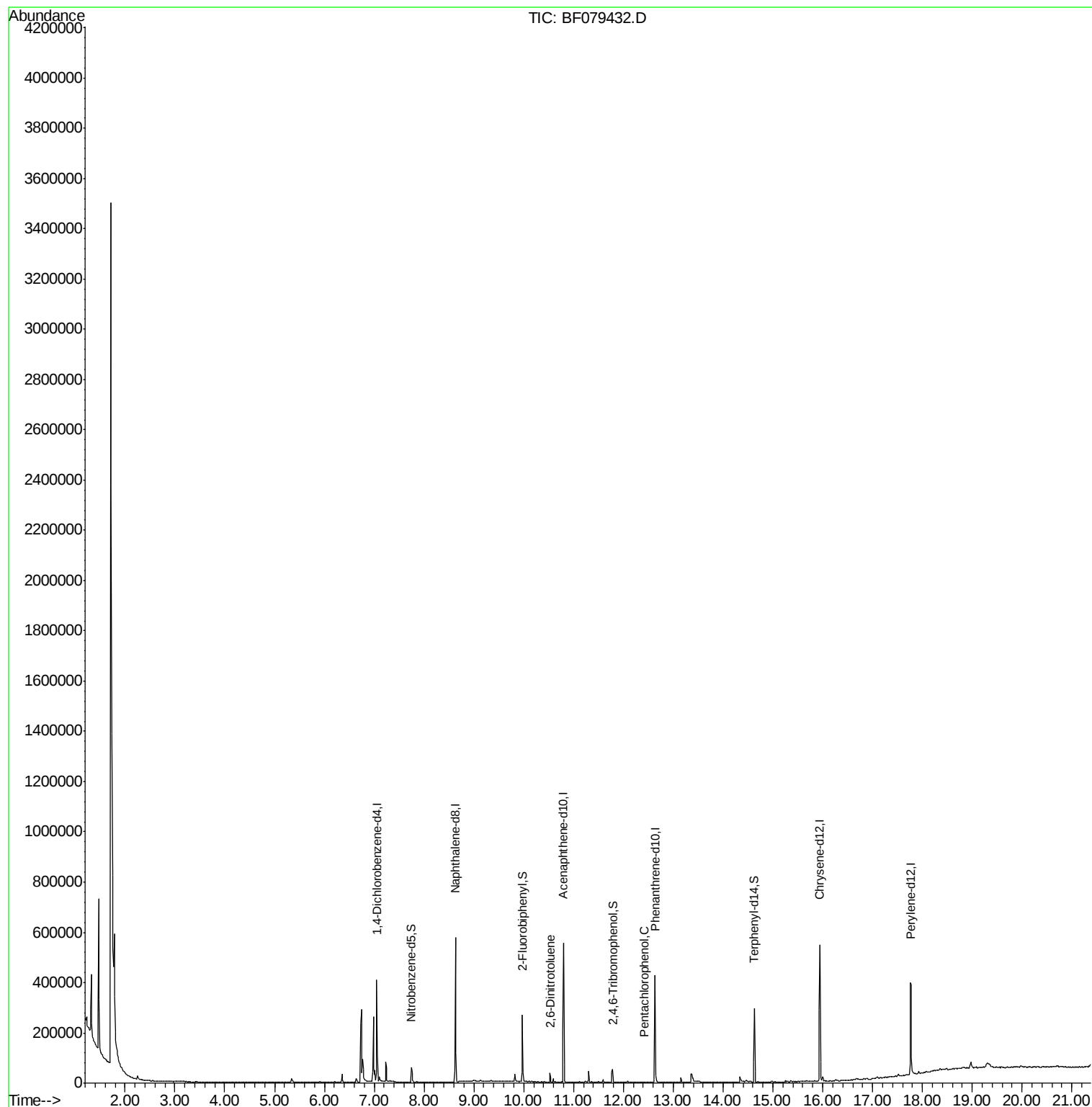
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.05	152	64253	20.00	ng	0.00
21) Naphthalene-d8	8.63	136	262062	20.00	ng	0.00
38) Acenaphthene-d10	10.80	164	126083	20.00	ng	0.00
63) Phenanthrene-d10	12.64	188	244854	20.00	ng	0.00
75) Chrysene-d12	15.94	240	245023	20.00	ng	-0.02
86) Perylene-d12	17.77	264	220638	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.64	99	6113	1.24	ng	0.01
23) Nitrobenzene-d5	7.75	82	26275	5.76	ng	0.00
41) 2,4,6-Tribromophenol	11.78	330	10127	7.42	ng	0.00
44) 2-Fluorobiphenyl	9.98	172	67701	7.48	ng	0.00
78) Terphenyl-d14	14.63	244	105554	10.31	ng	0.00
Target Compounds						
50) 2,6-Dinitrotoluene	10.53	165	4601	2.52	ng	# 36
69) Pentachlorophenol	12.41	266	897	7.32	ng	# 54

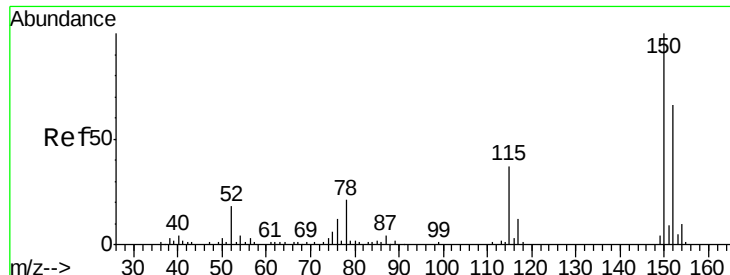
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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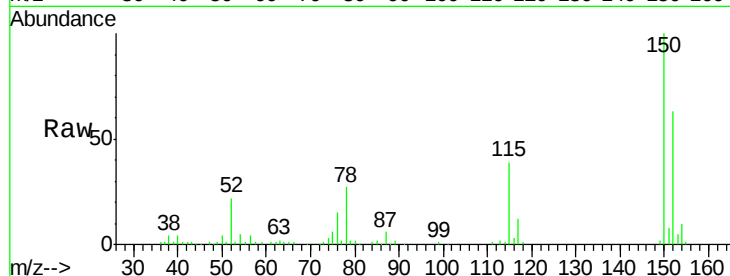




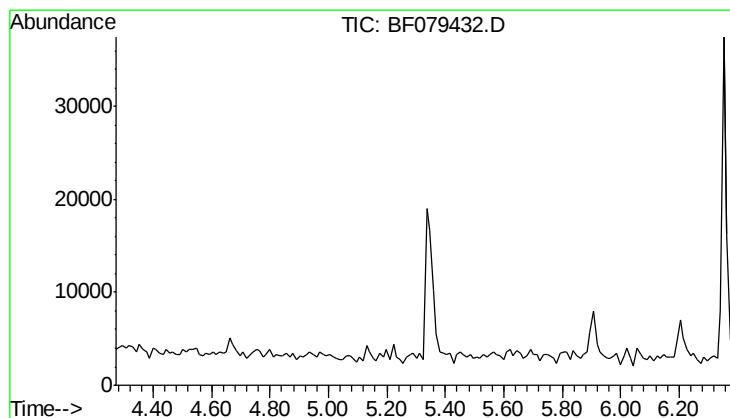
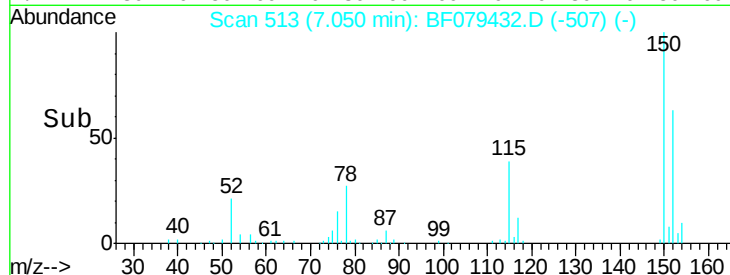
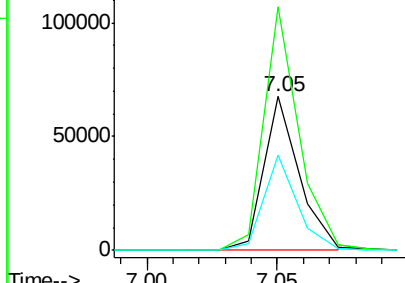
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.05 min Scan# 513
 Delta R.T. 0.00 min
 Lab File: BF079432.D
 Acq: 22 May 2015 14:45

Instrument :
 BNA_F
 ClientSampleId :
 KY024MW068-150512

Tgt Ion:	152	Resp:	64253
Ion	Ratio	Lower	Upper
152	100		
150	158.4	123.8	185.8
115	62.3	49.4	74.0

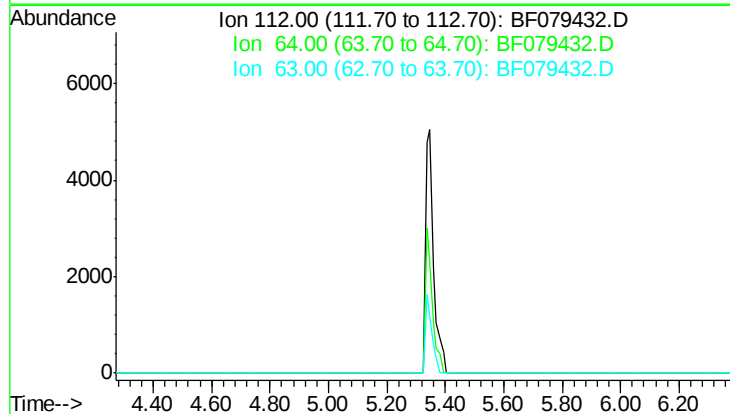


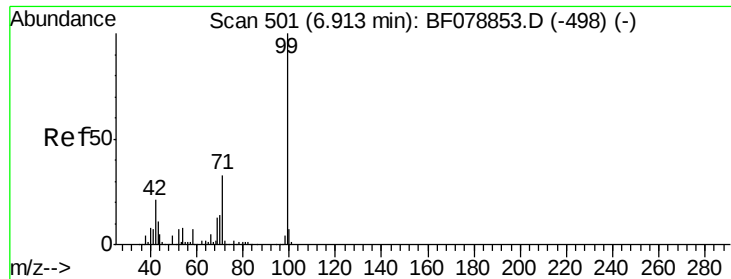
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.32 min
 Lab File: BF079432.D
 Acq: 22 May 2015 14:45

Tgt Ion:	112
Sig	Exp Ratio
112	100
64	55.2
63	28.4





#7

Phenol-d6

Concen: 1.24 ng

RT: 6.64 min Scan# 477

Delta R.T. 0.01 min

Lab File: BF079432.D

Acq: 22 May 2015 14:45

Instrument :

BNA_F

ClientSampleId :

KY024MW068-150512

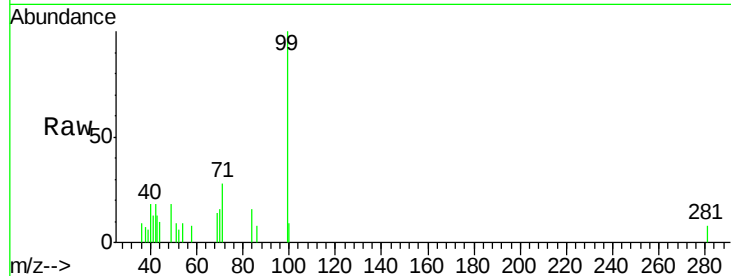
Tgt Ion: 99 Resp: 6113

Ion Ratio Lower Upper

99 100

42 18.1 17.1 25.7

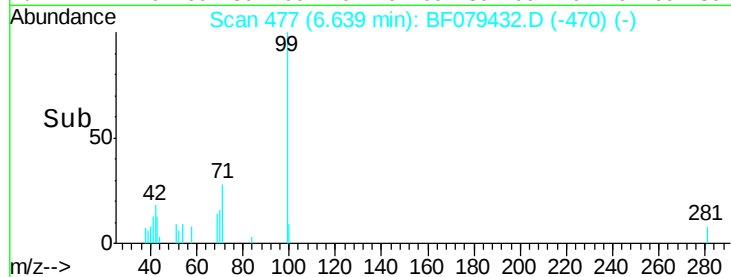
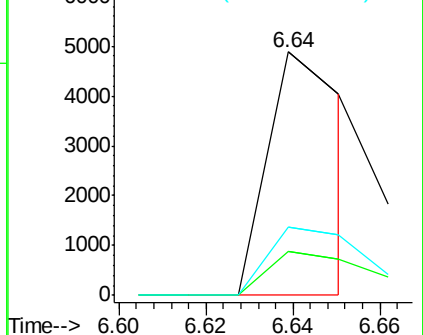
71 28.2 26.3 39.5



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: 8.63 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF079432.D

Acq: 22 May 2015 14:45

Tgt Ion: 136 Resp: 262062

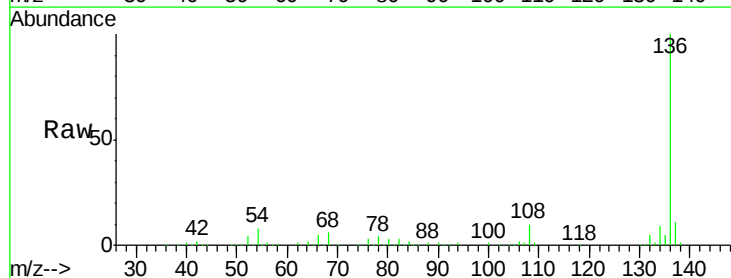
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 7.6 6.9 10.3

68 6.0 4.9 7.3

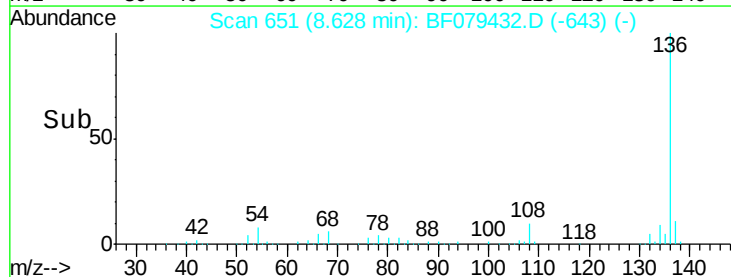
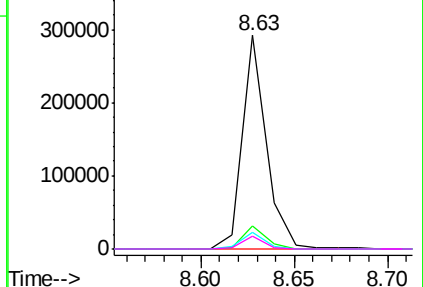


Abundance Ion 136.00 (135.70 to 136.70): E

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

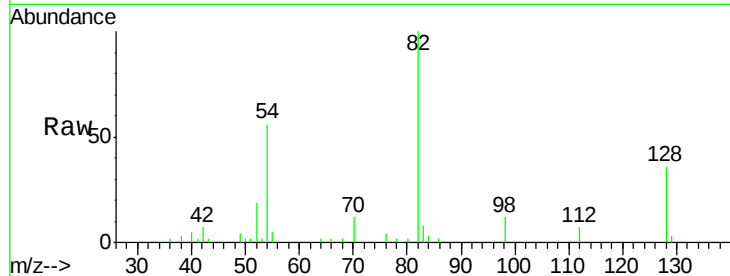




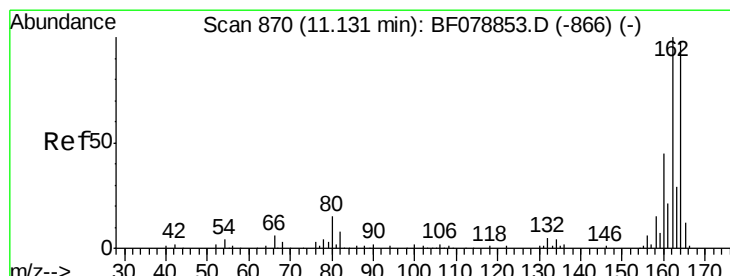
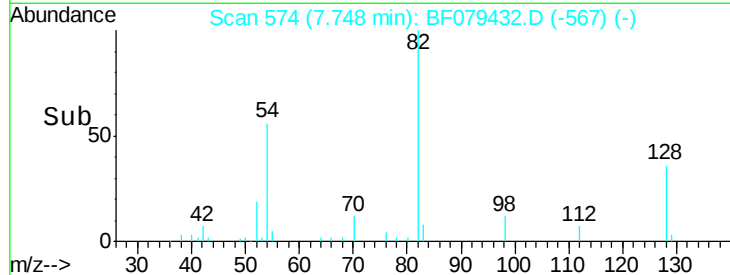
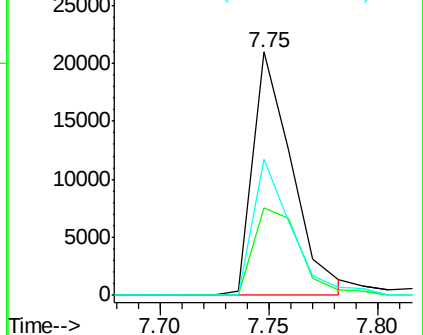
#23
 Nitrobenzene-d5
 Concen: 5.76 ng
 RT: 7.75 min Scan# 574
 Delta R.T. 0.00 min
 Lab File: BF079432.D
 Acq: 22 May 2015 14:45

Instrument :
 BNA_F
 ClientSampleId :
 KY024MW068-150512

Tgt Ion: 82 Resp: 26275
 Ion Ratio Lower Upper
 82 100
 128 35.8 29.7 44.5
 54 55.9 46.2 69.4

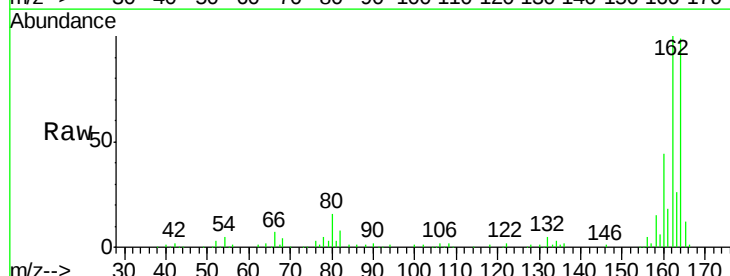


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

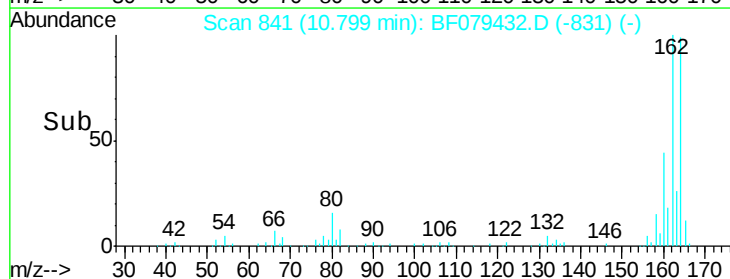
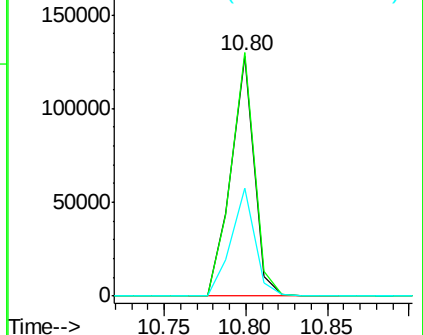


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.80 min Scan# 841
 Delta R.T. 0.00 min
 Lab File: BF079432.D
 Acq: 22 May 2015 14:45

Tgt Ion: 164 Resp: 126083
 Ion Ratio Lower Upper
 164 100
 162 101.5 81.4 122.0
 160 45.1 36.6 54.8



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

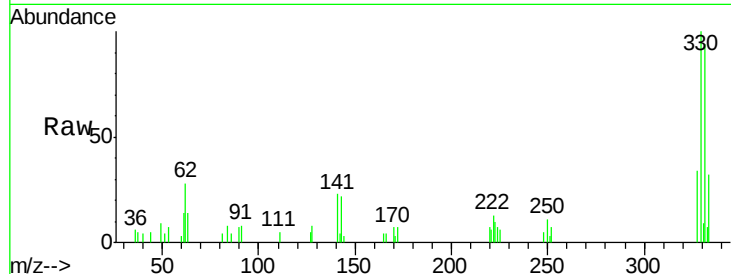




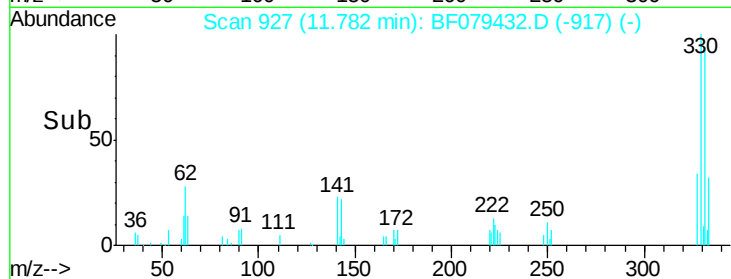
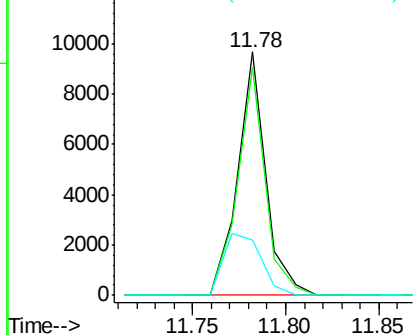
#41
 2,4,6-Tribromophenol
 Concen: 7.42 ng
 RT: 11.78 min Scan# 927
 Delta R.T. 0.00 min
 Lab File: BF079432.D
 Acq: 22 May 2015 14:45

Instrument :
 BNA_F
 ClientSampleId :
 KY024MW068-150512

Tgt Ion:330 Resp: 10127
 Ion Ratio Lower Upper
 330 100
 332 92.2 76.9 115.3
 141 34.1 27.8 41.8

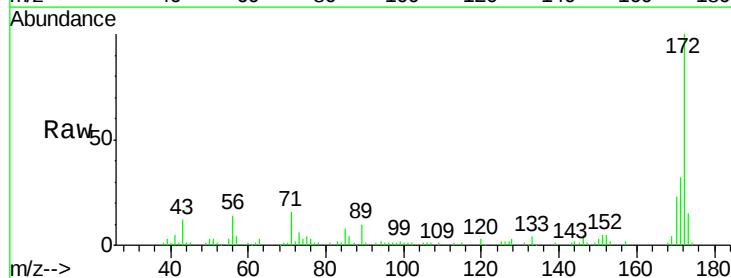


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

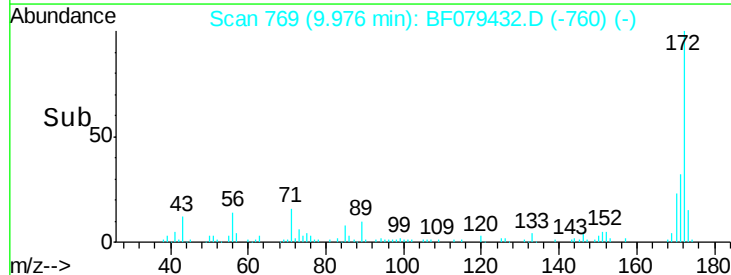
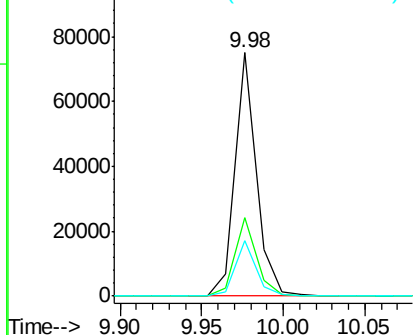


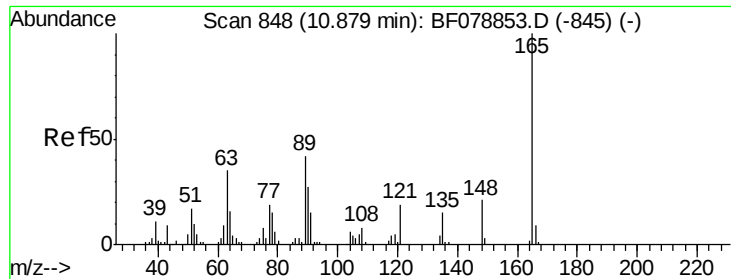
#44
 2-Fluorobiphenyl
 Concen: 7.48 ng
 RT: 9.98 min Scan# 769
 Delta R.T. 0.00 min
 Lab File: BF079432.D
 Acq: 22 May 2015 14:45

Tgt Ion:172 Resp: 67701
 Ion Ratio Lower Upper
 172 100
 171 32.3 28.3 42.5
 170 22.7 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

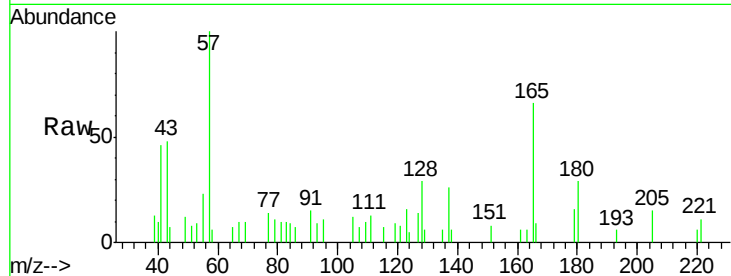




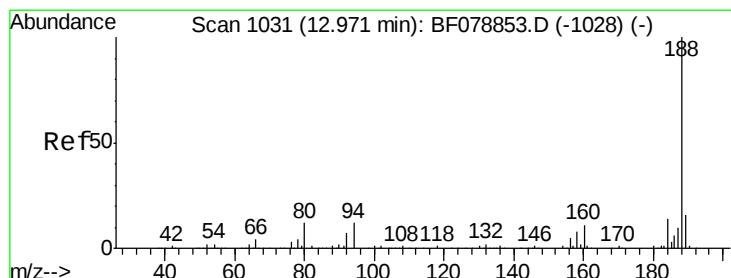
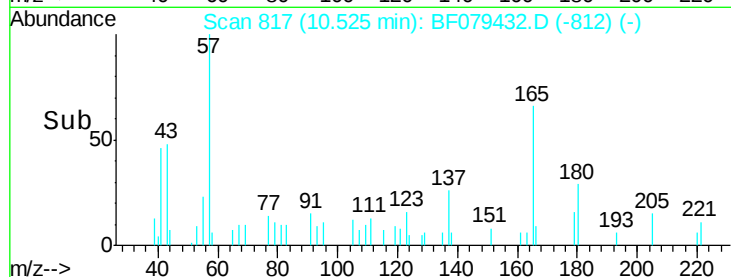
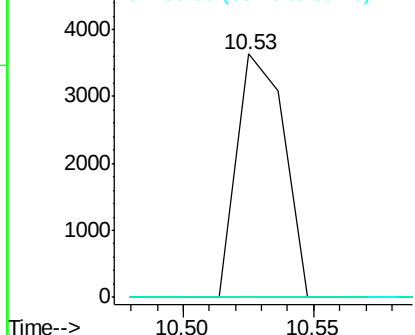
#50
 2,6-Dinitrotoluene
 Concen: 2.52 ng
 RT: 10.53 min Scan# 817
 Delta R.T. -0.05 min
 Lab File: BF079432.D
 Acq: 22 May 2015 14:45

Instrument :
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 ClientSampleId :
 KY024MW068-150512

Tgt Ion:165 Resp: 4601
 Ion Ratio Lower Upper
 165 100
 63 0.0 29.2 43.8#
 89 0.0 33.3 49.9#

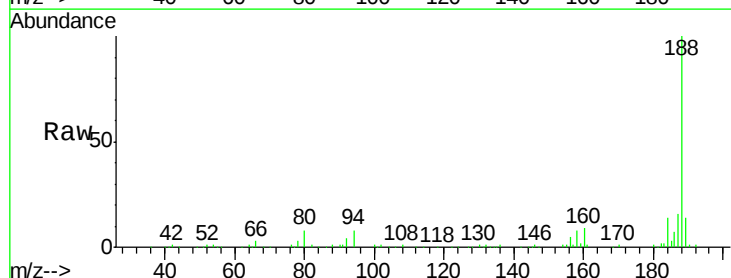


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

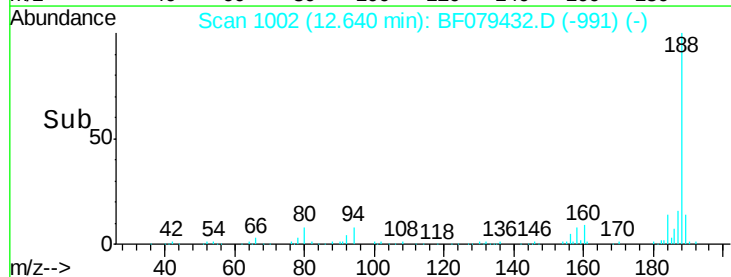
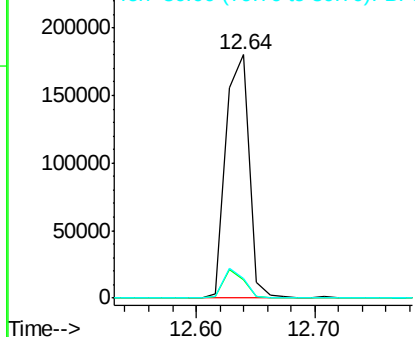


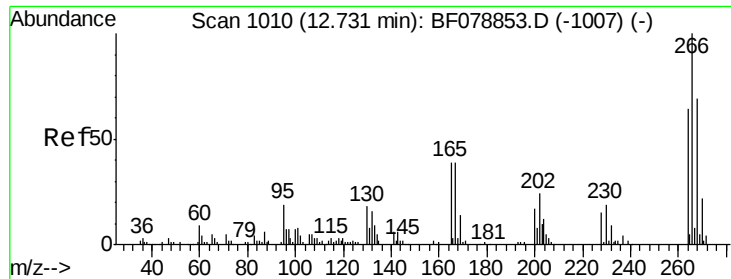
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.64 min Scan# 1002
 Delta R.T. 0.00 min
 Lab File: BF079432.D
 Acq: 22 May 2015 14:45

Tgt Ion:188 Resp: 244854
 Ion Ratio Lower Upper
 188 100
 94 7.7 9.4 14.0#
 80 7.9 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

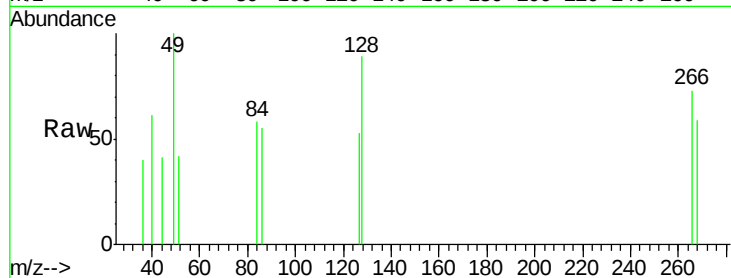




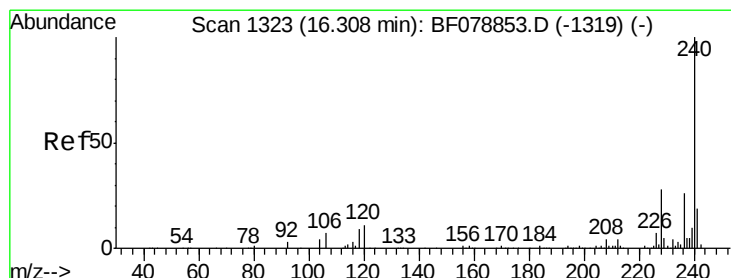
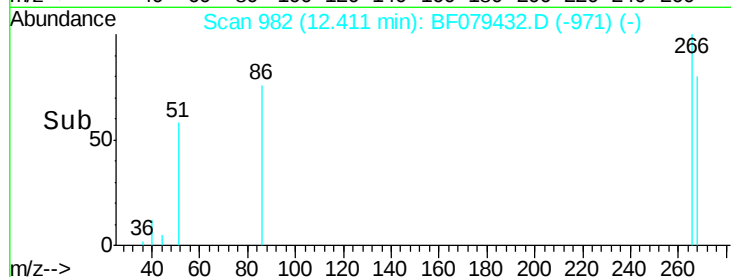
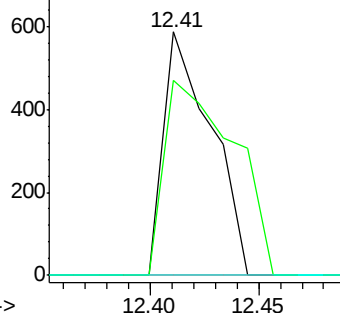
#69
 Pentachlorophenol
 Concen: 7.32 ng
 RT: 12.41 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: BF079432.D
 Acq: 22 May 2015 14:45

Instrument :
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 ClientSampleId :
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Tgt Ion: 266 Resp: 897
 Ion Ratio Lower Upper
 266 100
 268 80.1 55.0 82.6
 264 0.0 50.9 76.3#

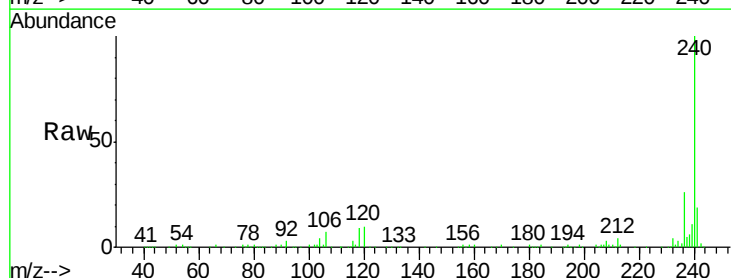


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

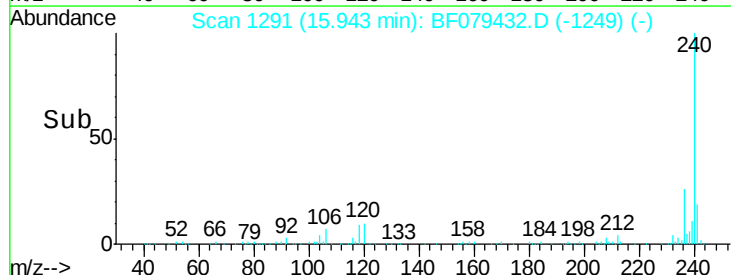
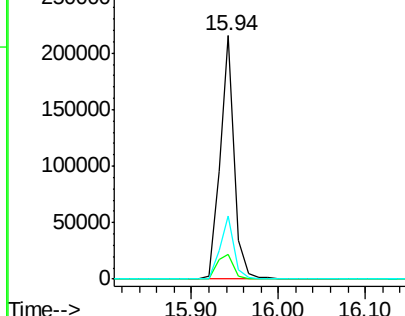


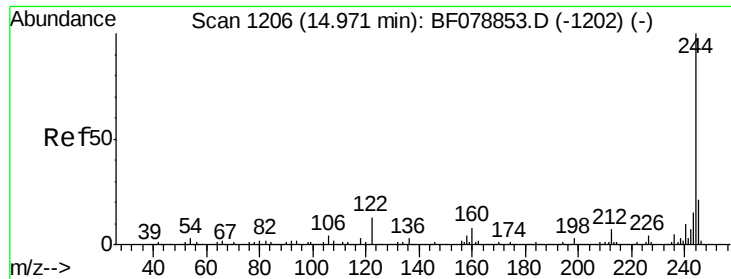
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.94 min Scan# 1291
 Delta R.T. -0.02 min
 Lab File: BF079432.D
 Acq: 22 May 2015 14:45

Tgt Ion: 240 Resp: 245023
 Ion Ratio Lower Upper
 240 100
 120 10.4 8.6 12.8
 236 25.9 21.0 31.6



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

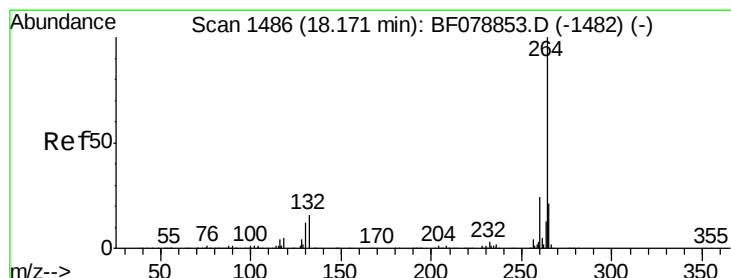
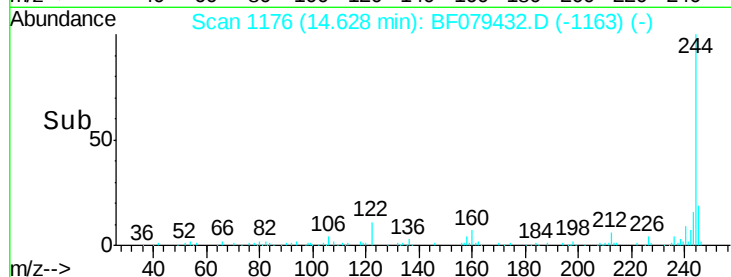
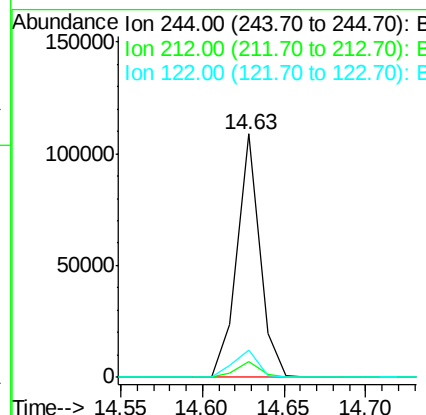
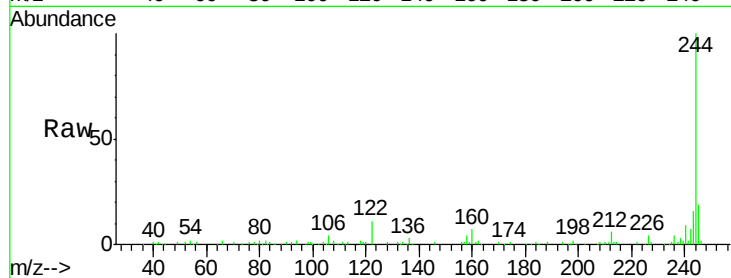




#78
 Terphenyl-d14
 Concen: 10.31 ng
 RT: 14.63 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BF079432.D
 Acq: 22 May 2015 14:45

Instrument :
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Tgt Ion: 244 Resp: 105554
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.6 8.4
 122 11.3 10.5 15.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.77 min Scan# 1451
 Delta R.T. -0.08 min
 Lab File: BF079432.D
 Acq: 22 May 2015 14:45

Tgt Ion: 264 Resp: 220638
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.5 17.2 25.8

