

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012516\
 Data File : BF084611.D
 Acq On : 25 Jan 2016 17:04
 Operator : SJ/IZ
 Sample : H1201-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-04

Quant Time: Jan 26 09:28:31 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 25 16:24:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	206331	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	834517	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	413697	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	833759	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	720857	20.00	ng	-0.01
86) Perylene-d12	15.28	264	568466	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	698180	54.73	ng	0.00
7) Phenol-d6	6.38	99	867872	54.17	ng	-0.01
23) Nitrobenzene-d5	7.31	82	1581700	105.49	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	684227	163.82	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	2320774	99.79	ng	0.00
78) Terphenyl-d14	12.84	244	2485835	76.98	ng	-0.01

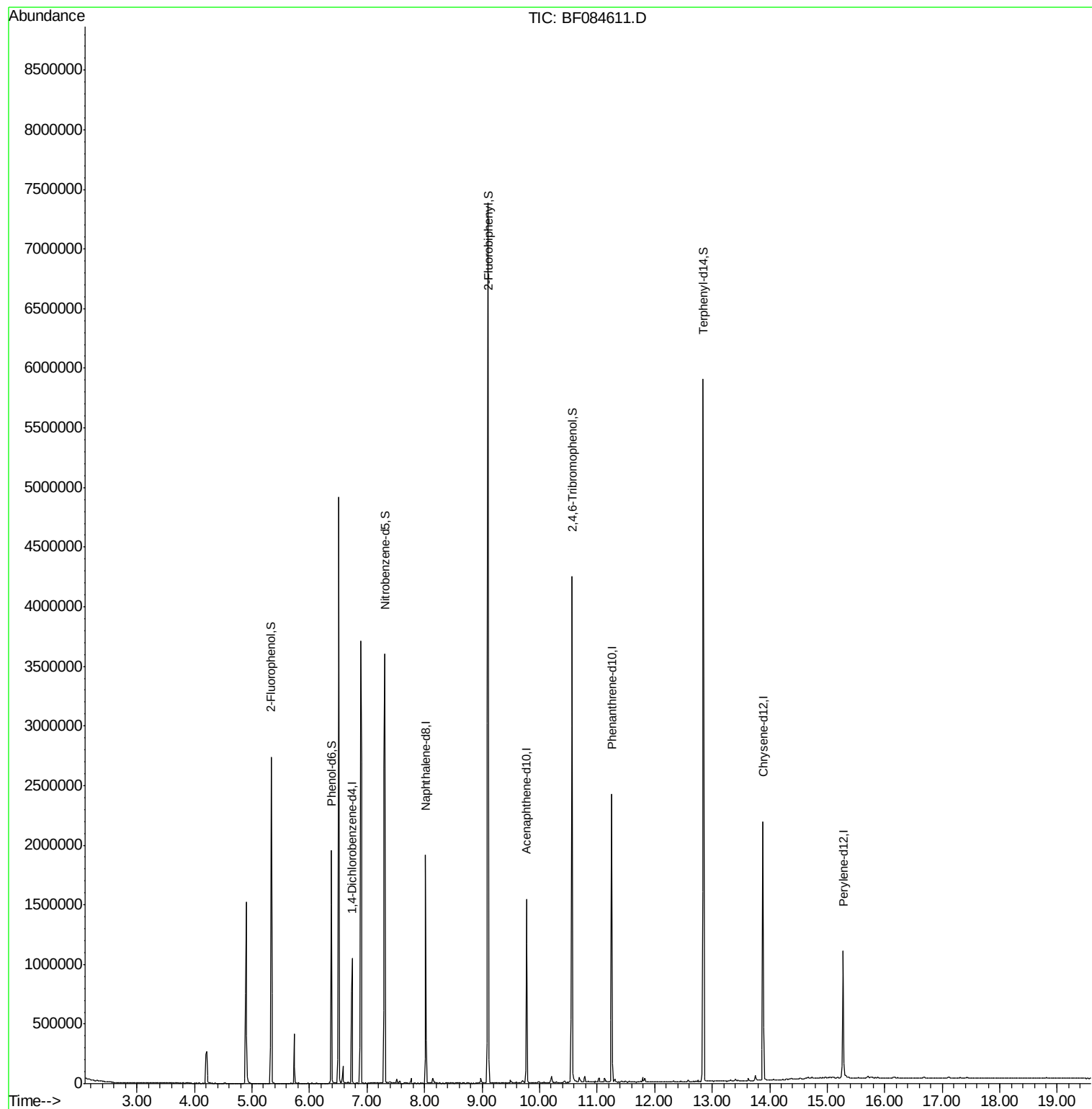
Target Compounds Qvalue

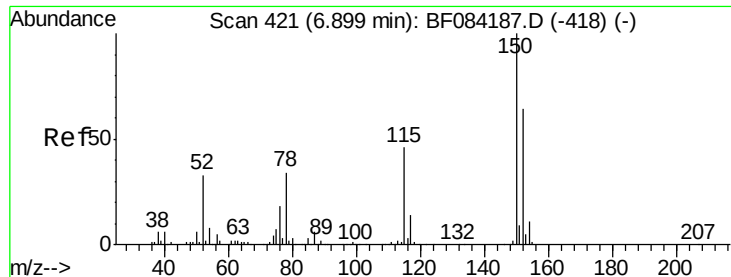
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
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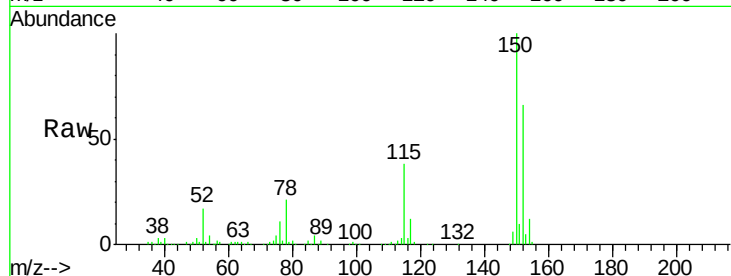


#1

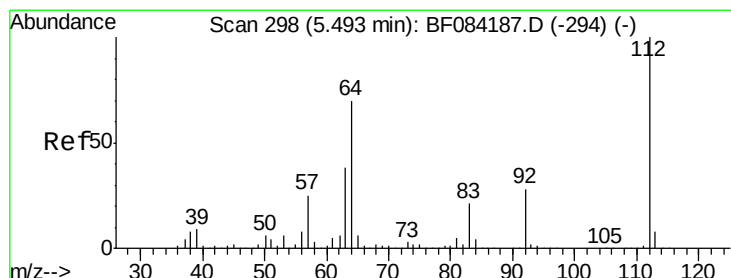
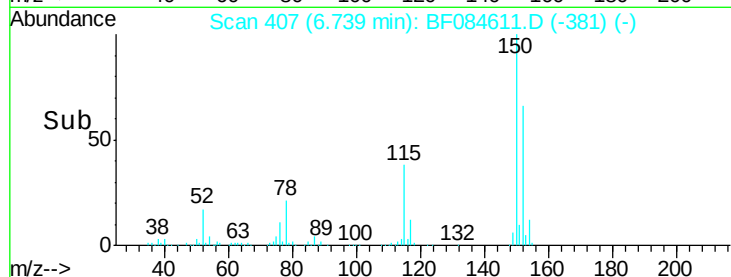
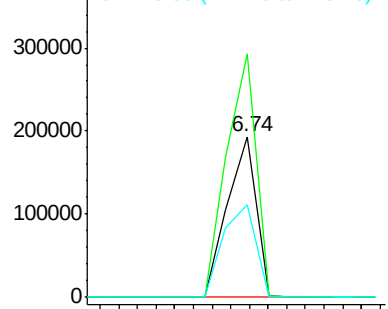
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. 0.00 min
Lab File: BF084611.D
Acq: 25 Jan 2016 17:04

Instrument :
BNA_F
ClientSampleId :
MW-04

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.5	123.0	184.4
115	57.7	51.4	77.2



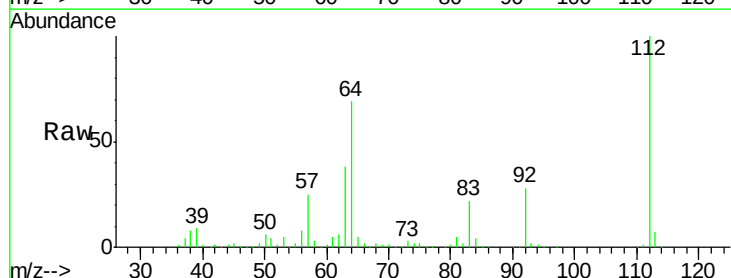
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



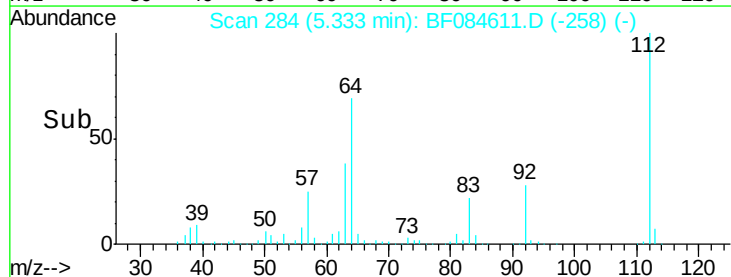
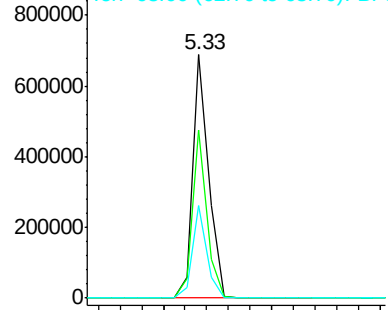
#5

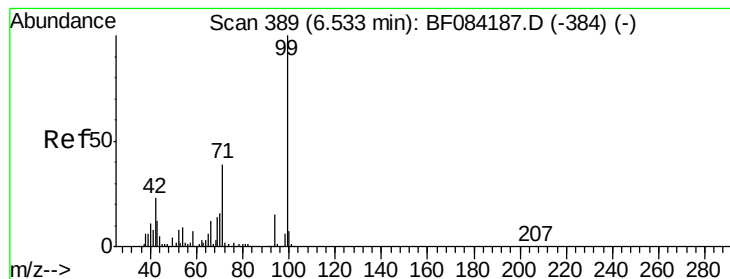
2-Fluorophenol
Concen: 54.73 ng
RT: 5.33 min Scan# 284
Delta R.T. 0.00 min
Lab File: BF084611.D
Acq: 25 Jan 2016 17:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.3	36.6	55.0#
63	38.1	19.4	29.0#



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: 54.17 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF084611.D

Acq: 25 Jan 2016 17:04

Instrument :

BNA_F

ClientSampled :

MW-04

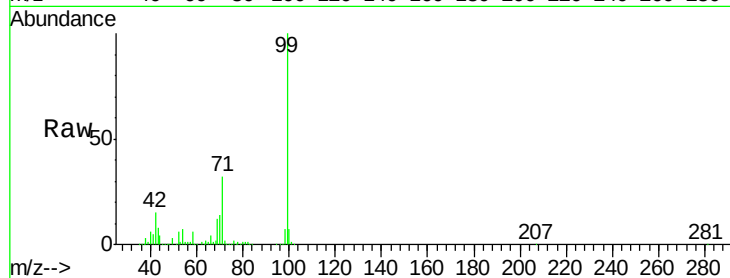
Tot Ion: 99 Resp: 867872

Ion Ratio Lower Upper

99 100

42 15.5 12.8 19.2

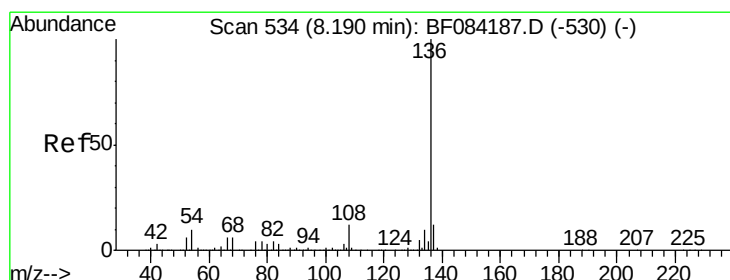
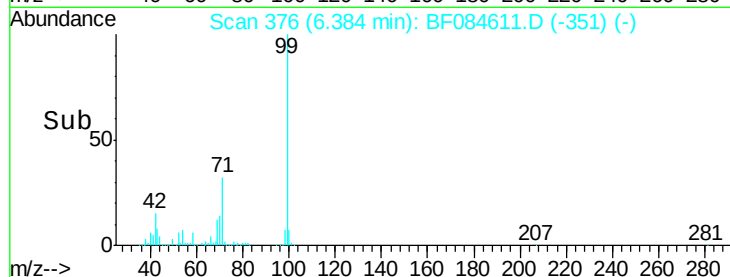
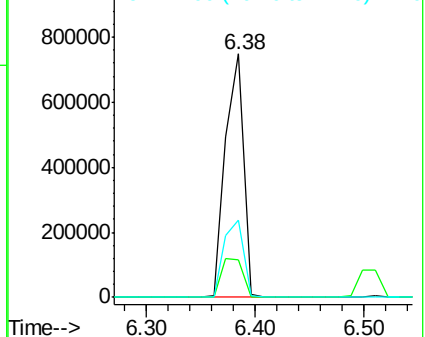
71 31.5 30.9 46.3



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: 8.02 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF084611.D

Acq: 25 Jan 2016 17:04

Tgt Ion: 136 Resp: 834517

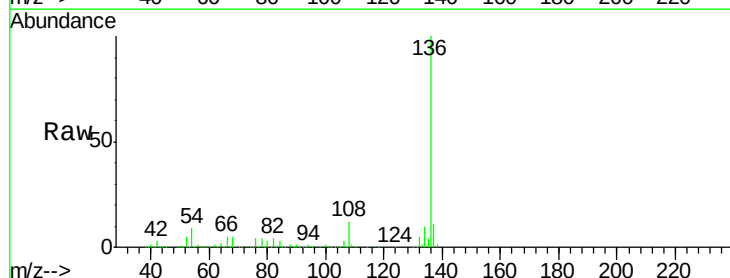
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 9.4 5.8 8.8#

68 5.1 4.2 6.2

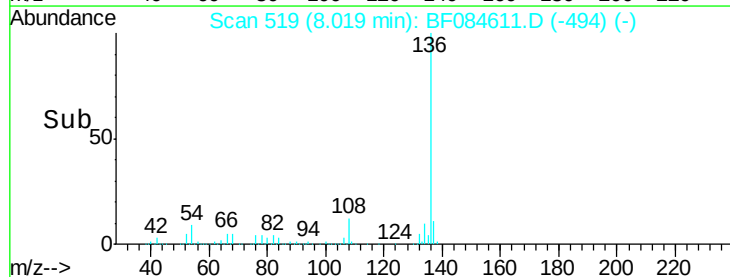
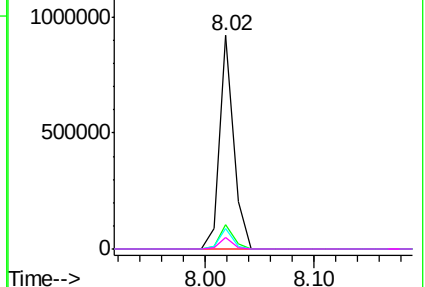


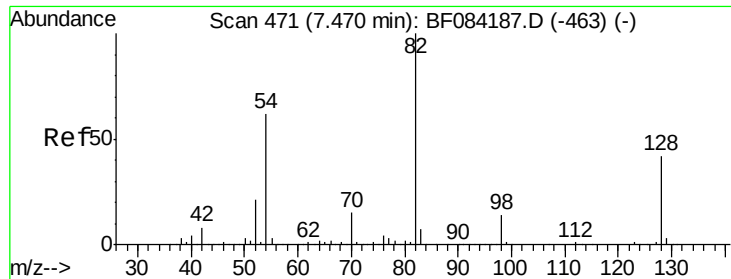
Abundance Ion 136.00 (135.70 to 136.70): E

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

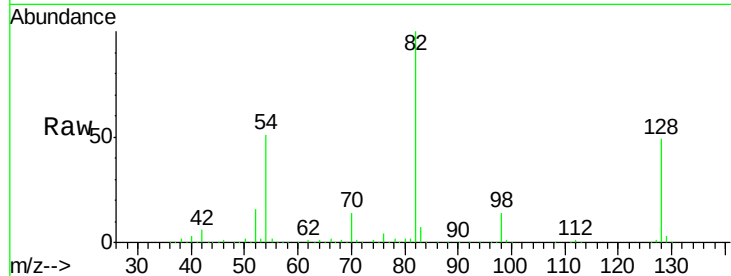




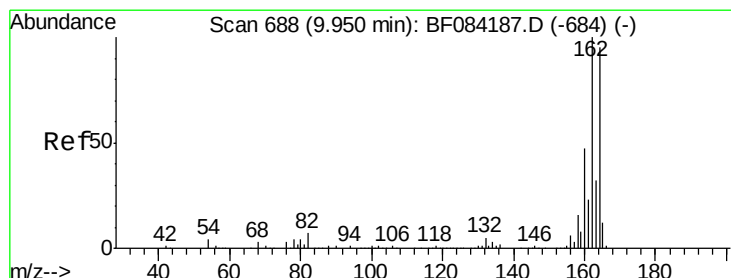
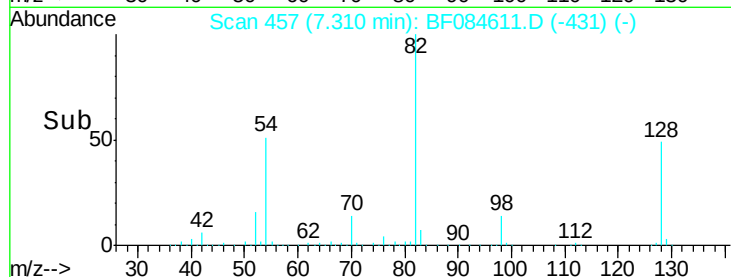
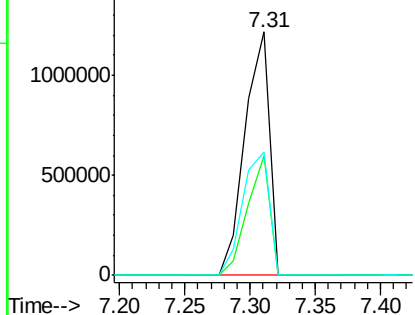
#23
 Nitrobenzene-d5
 Concen: 105.49 ng
 RT: 7.31 min Scan# 457
 Delta R.T. 0.00 min
 Lab File: BF084611.D
 Acq: 25 Jan 2016 17:04

Instrument :
 BNA_F
 ClientSampleId :
 MW-04

Tot Ion: 82 Resp: 1581700
 Ion Ratio Lower Upper
 82 100
 128 49.2 34.6 51.8
 54 50.8 38.4 57.6

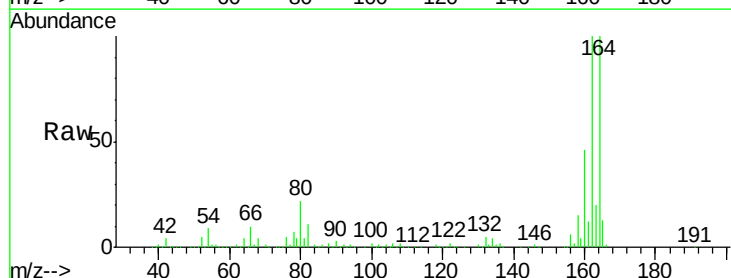


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

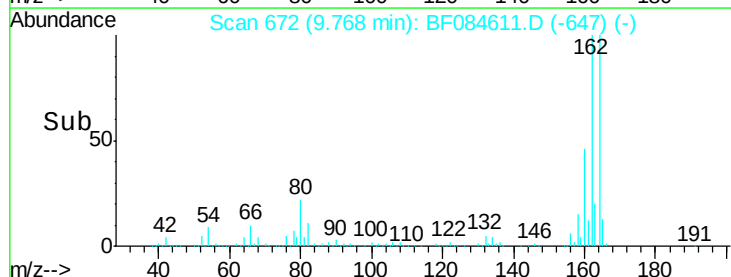
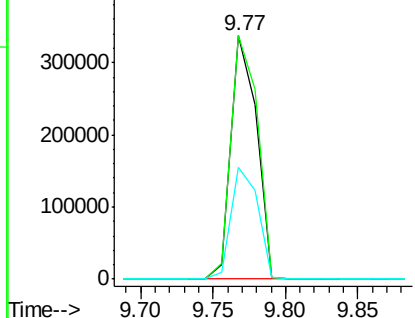


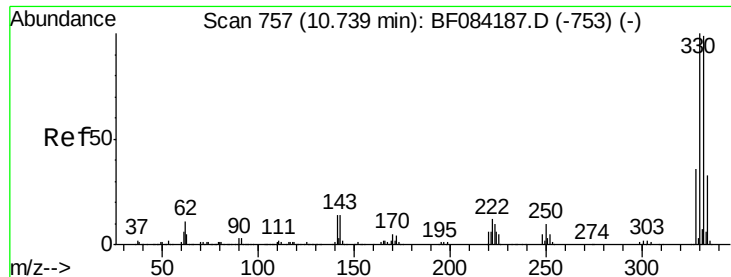
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.01 min
 Lab File: BF084611.D
 Acq: 25 Jan 2016 17:04

Tgt Ion:164 Resp: 413697
 Ion Ratio Lower Upper
 164 100
 162 100.1 85.1 127.7
 160 45.7 37.5 56.3



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

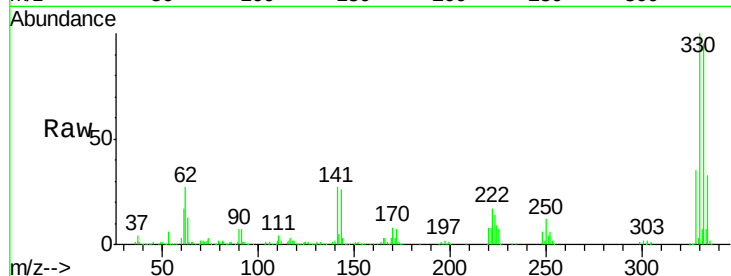




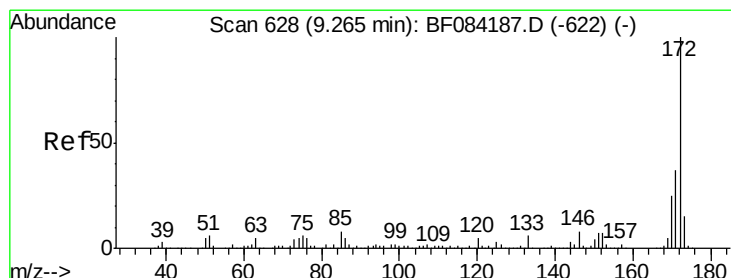
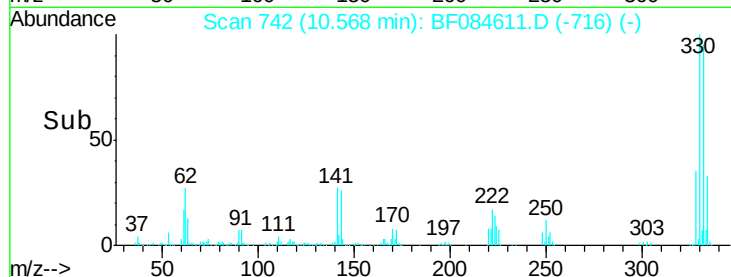
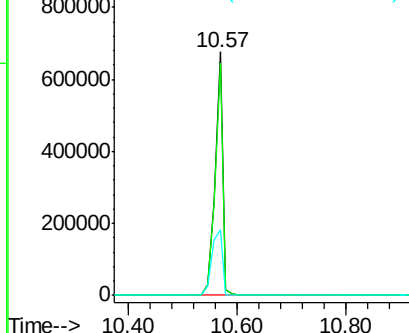
#41
 2,4,6-Tribromophenol
 Concen: 163.82 ng
 RT: 10.57 min Scan# 742
 Delta R.T. 0.00 min
 Lab File: BF084611.D
 Acq: 25 Jan 2016 17:04

Instrument :
 BNA_F
 ClientSampleId :
 MW-04

Tot Ion:330 Resp: 684227
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 114.8
 141 37.1 27.8 41.6

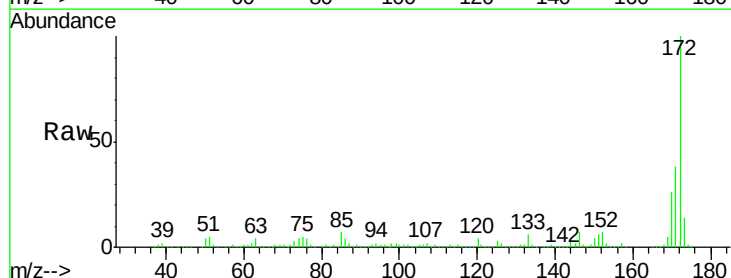


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

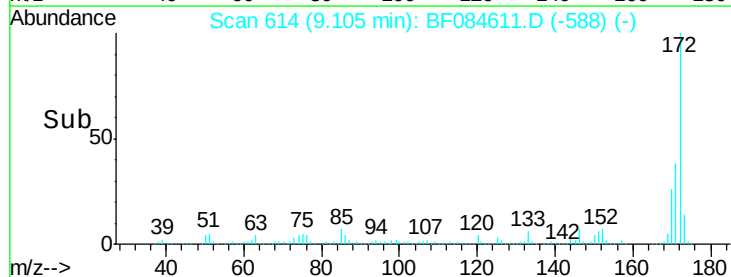
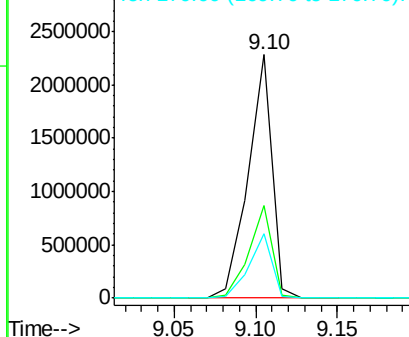


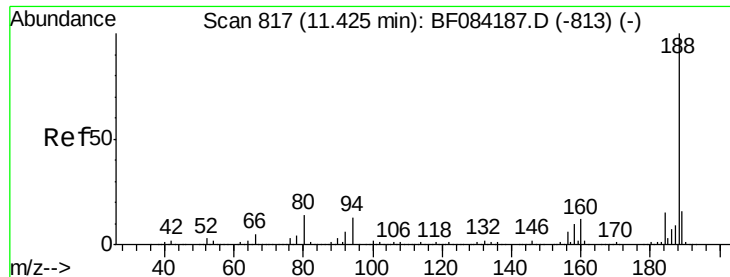
#44
 2-Fluorobiphenyl
 Concen: 99.79 ng
 RT: 9.10 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF084611.D
 Acq: 25 Jan 2016 17:04

Tgt Ion:172 Resp: 2320774
 Ion Ratio Lower Upper
 172 100
 171 38.1 28.9 43.3
 170 26.2 18.6 27.8



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

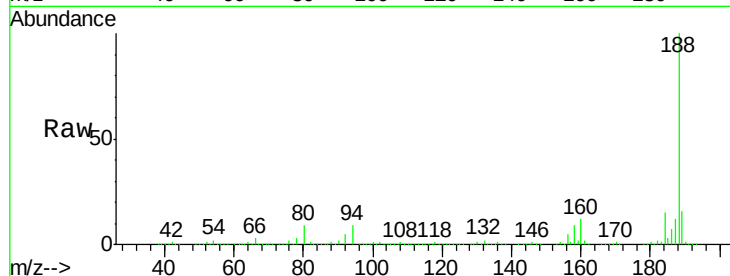




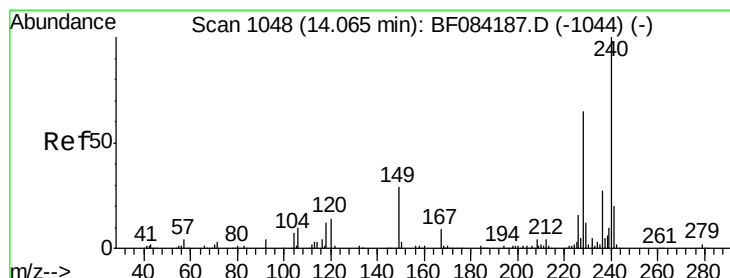
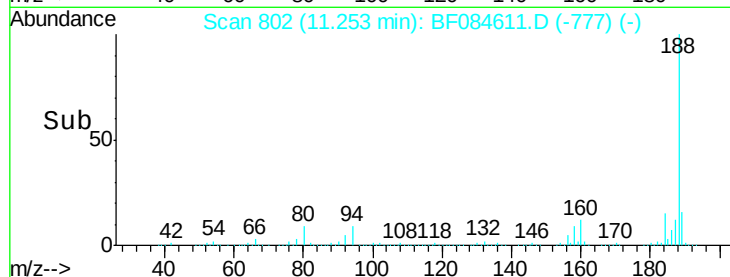
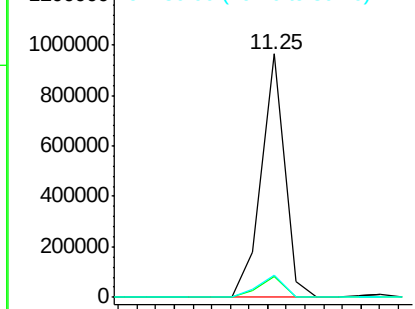
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF084611.D
Acq: 25 Jan 2016 17:04

Instrument :
BNA_F
ClientSampleId :
MW-04

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.8	9.0	13.4#
80	9.0	9.6	14.4#

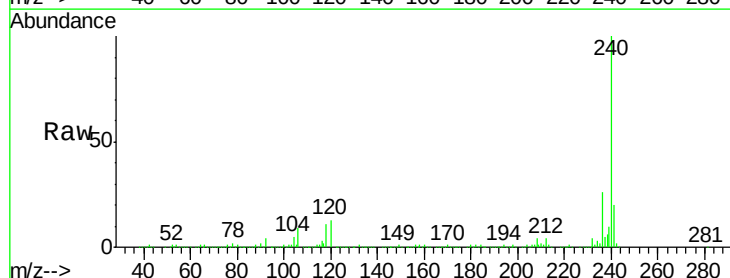


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

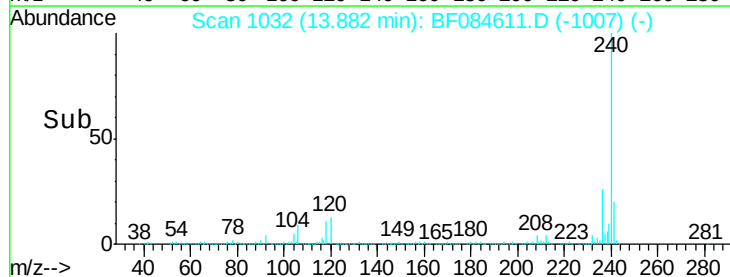
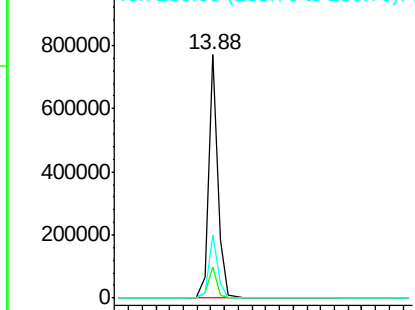


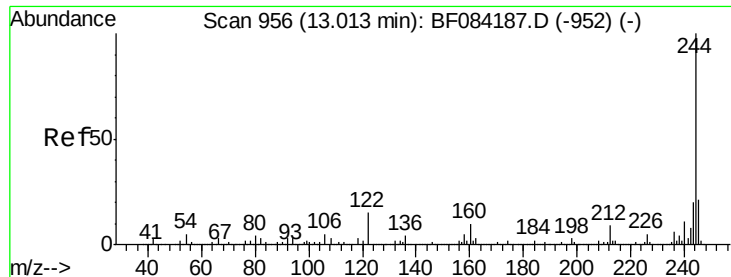
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF084611.D
Acq: 25 Jan 2016 17:04

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.0	9.5	14.3
236	26.0	20.6	31.0



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

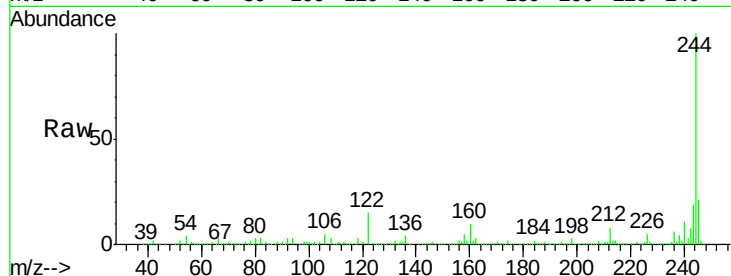




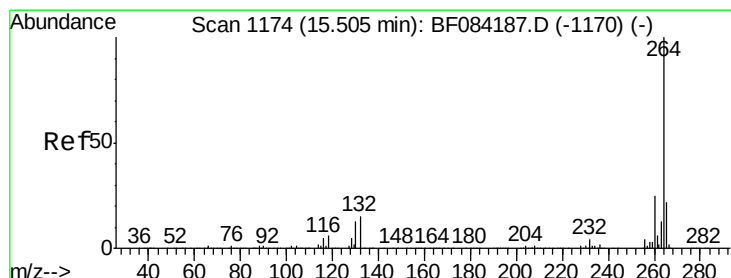
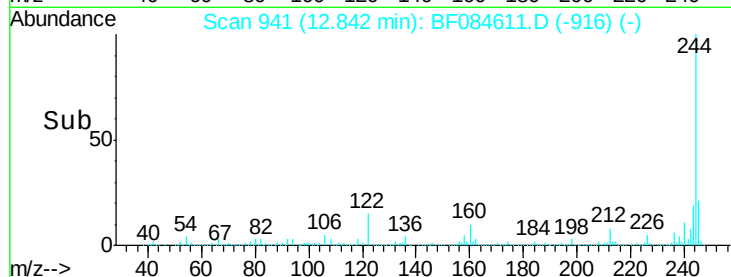
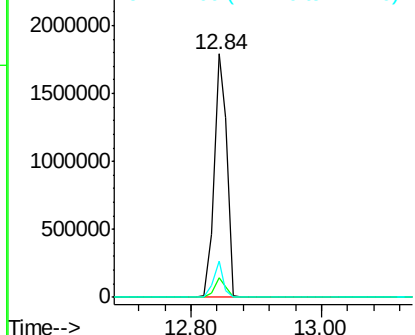
#78
 Terphenyl-d14
 Concen: 76.98 ng
 RT: 12.84 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: BF084611.D
 Acq: 25 Jan 2016 17:04

Instrument :
 BNA_F
 ClientSampleId :
 MW-04

Tot Ion:244 Resp: 2485835
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.7 8.5
 122 14.9 7.4 11.0#

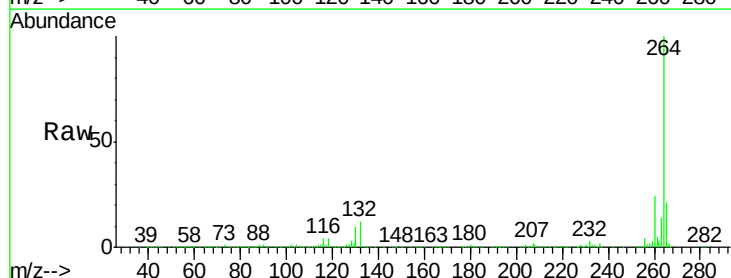


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.28 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BF084611.D
 Acq: 25 Jan 2016 17:04

Tgt Ion:264 Resp: 568466
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.2
 265 21.4 17.8 26.6



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

