

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
 Data File : BF084506.D
 Acq On : 15 Jan 2016 22:22
 Operator : SJ/UM
 Sample : H1147-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Time: Jan 18 09:56:50 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 16 01:26:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	269122	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	1131047	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	467720	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	810228	20.00	ng	0.00
75) Chrysene-d12	13.99	240	606498	20.00	ng	0.00
86) Perylene-d12	15.40	264	562101	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1073093	64.49	ng	0.00
7) Phenol-d6	6.46	99	905694	43.34	ng	0.00
23) Nitrobenzene-d5	7.39	82	1859511	91.50	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	731740	154.96	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	3197575	123.10	ng	0.00
78) Terphenyl-d14	12.93	244	2408715	88.65	ng	0.00

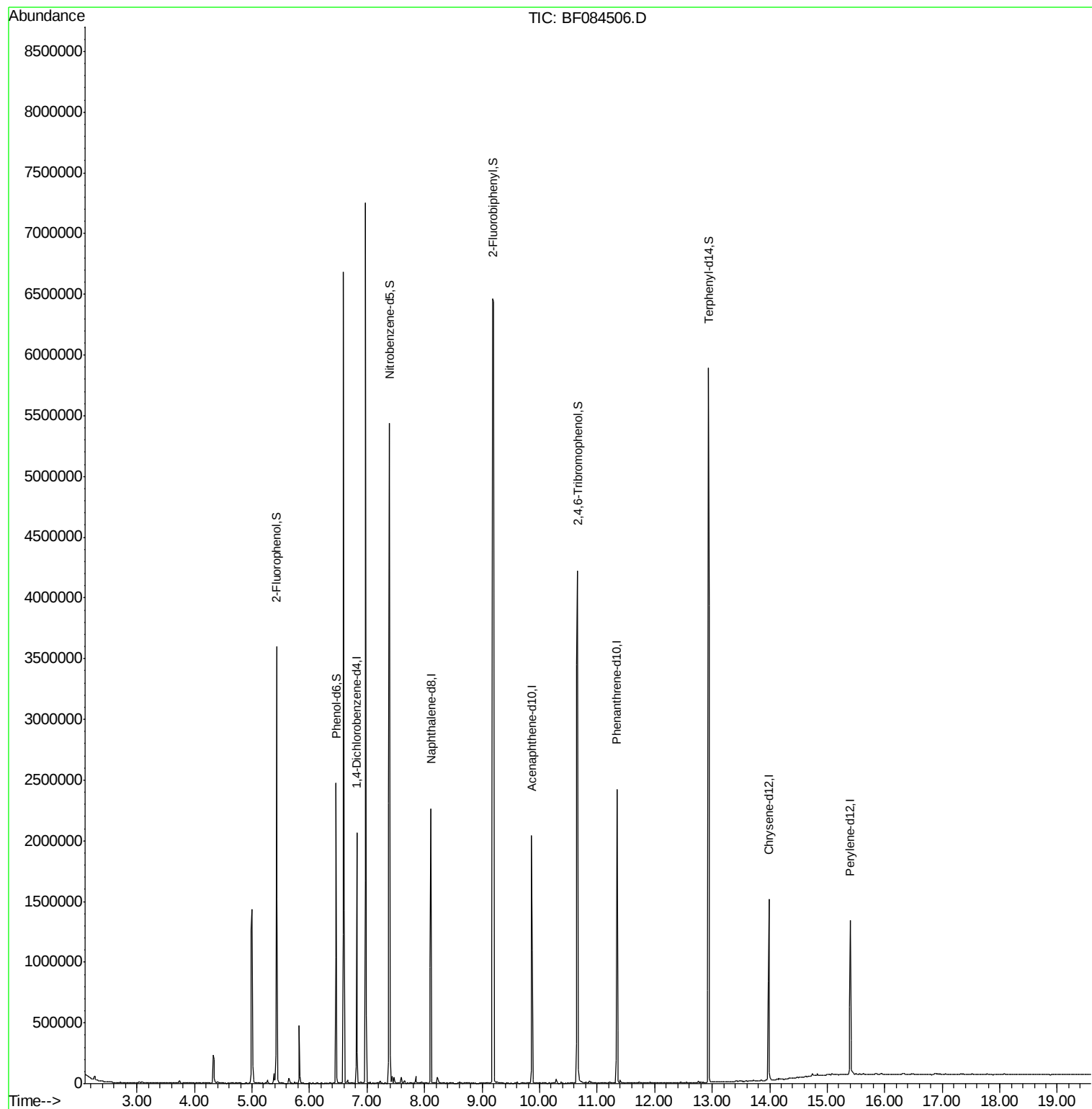
Target Compounds Qvalue

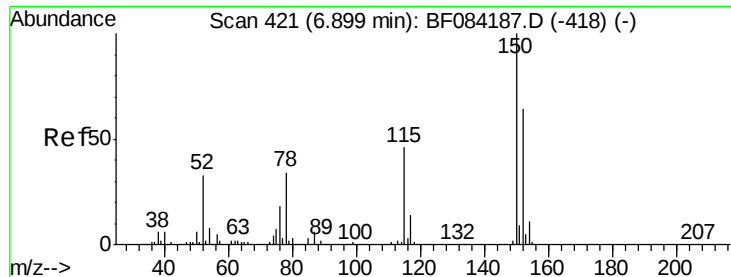
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF084506.D

Acq: 15 Jan 2016 22:22

Instrument :

BNA_F

ClientSampled :

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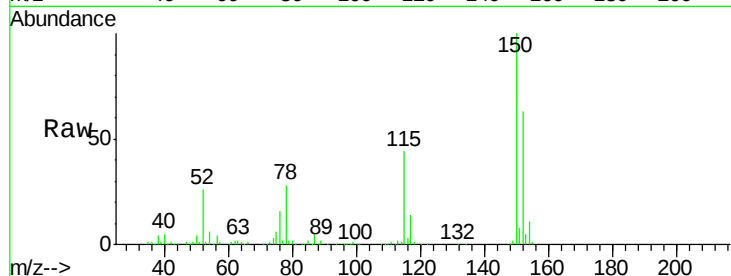
Tot Ion:152 Resp: 269122

Ion Ratio Lower Upper

152 100

150 158.6 123.0 184.4

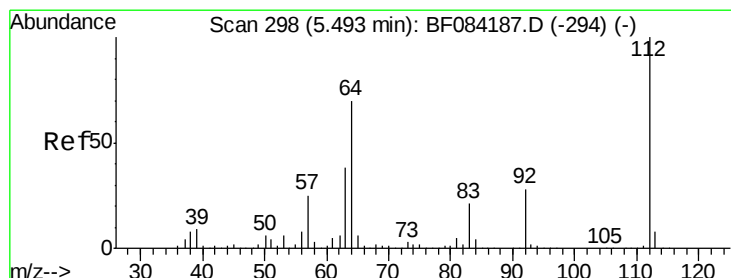
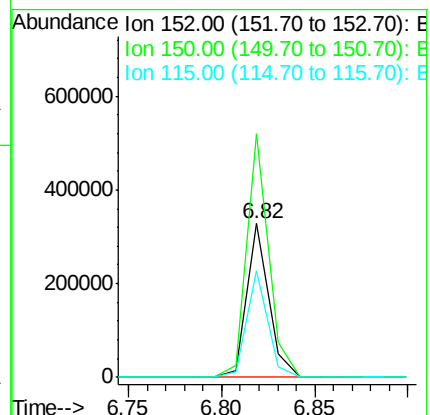
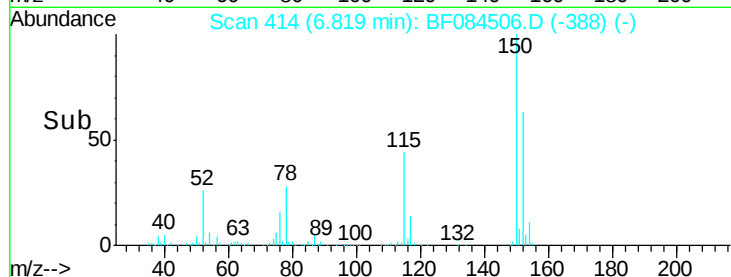
115 69.3 51.4 77.2



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: 64.49 ng

RT: 5.42 min Scan# 292

Delta R.T. 0.00 min

Lab File: BF084506.D

Acq: 15 Jan 2016 22:22

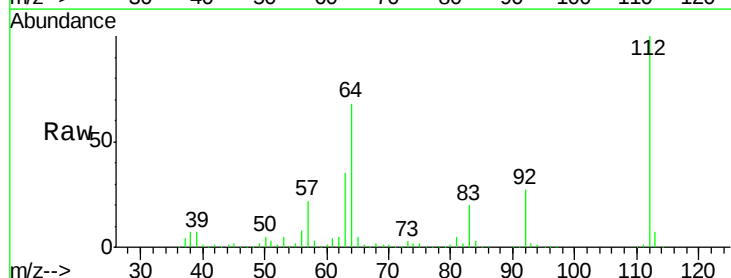
Tgt Ion:112 Resp: 1073093

Ion Ratio Lower Upper

112 100

64 68.1 36.6 55.0#

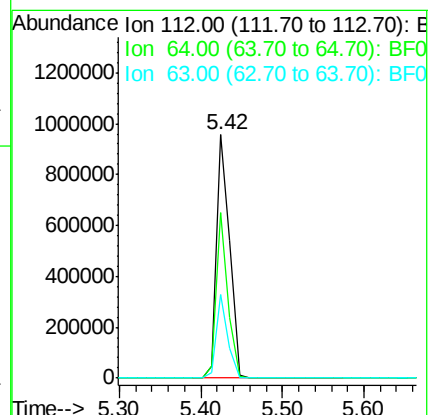
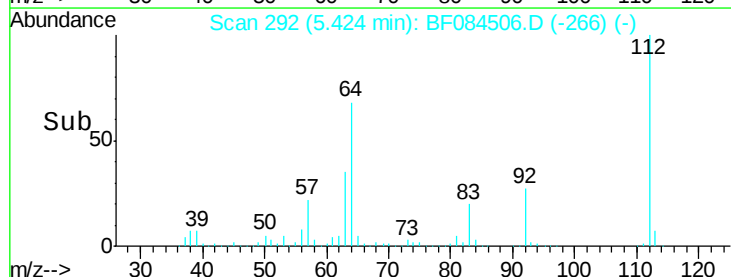
63 34.6 19.4 29.0#

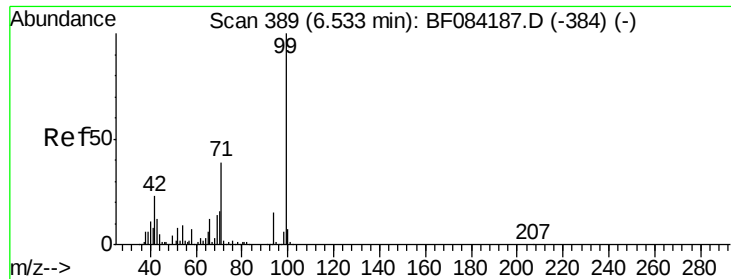


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 43.34 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF084506.D

Acq: 15 Jan 2016 22:22

Instrument :

BNA_F

ClientSampleId :

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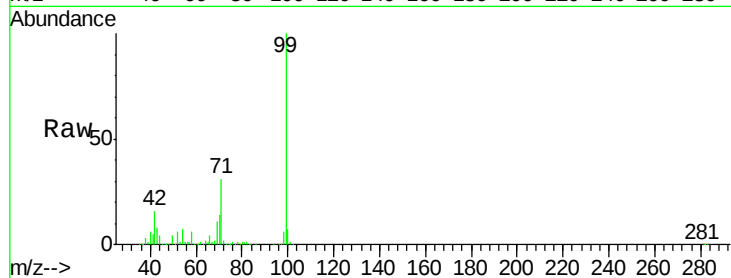
Tot Ion: 99 Resp: 905694

Ion Ratio Lower Upper

99 100

42 15.9 12.8 19.2

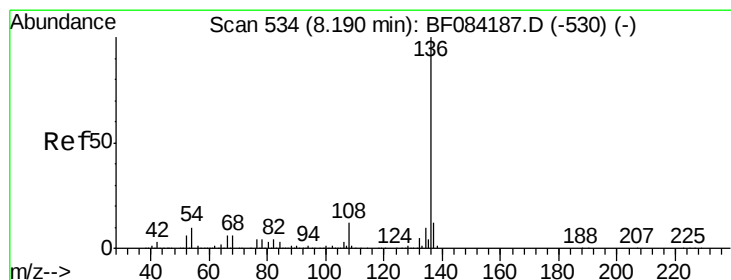
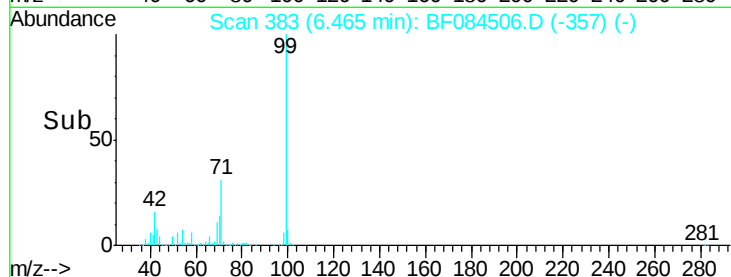
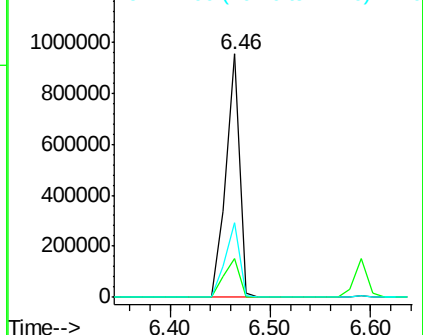
71 30.5 30.9 46.3#



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: 8.11 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF084506.D

Acq: 15 Jan 2016 22:22

Tgt Ion: 136 Resp: 1131047

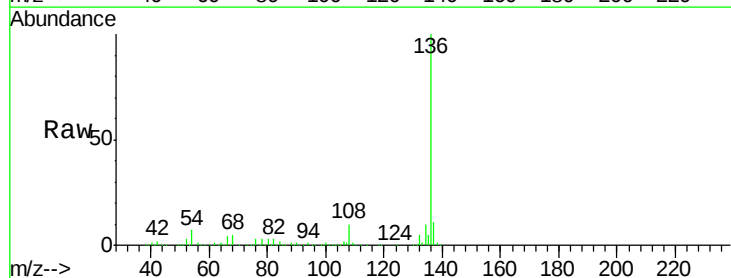
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 6.8 5.8 8.8

68 4.6 4.2 6.2

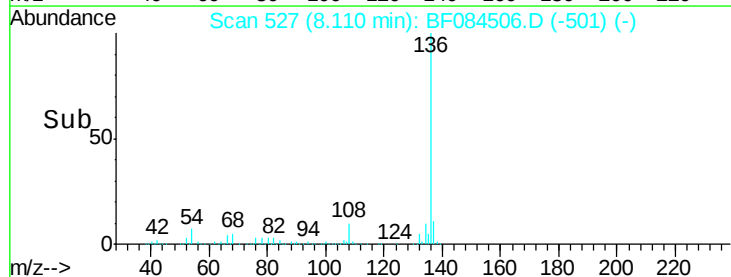
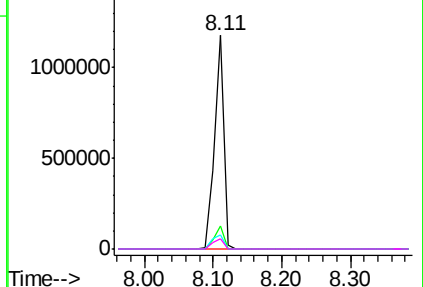


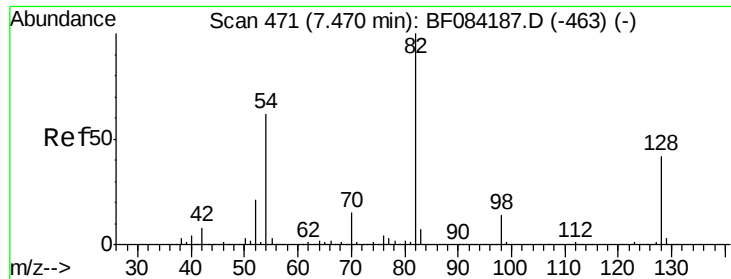
Abundance Ion 136.00 (135.70 to 136.70): E

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

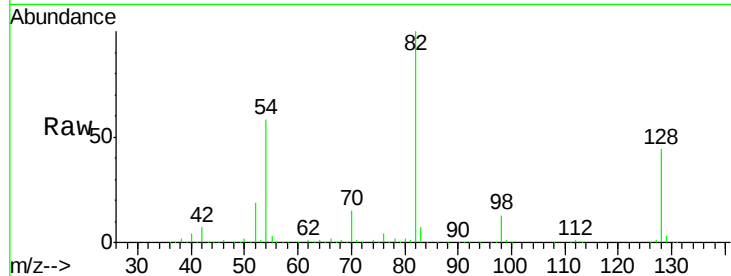




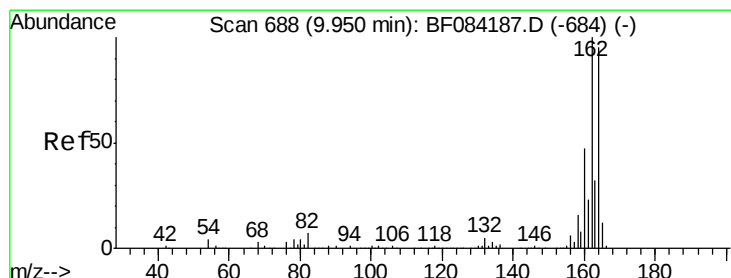
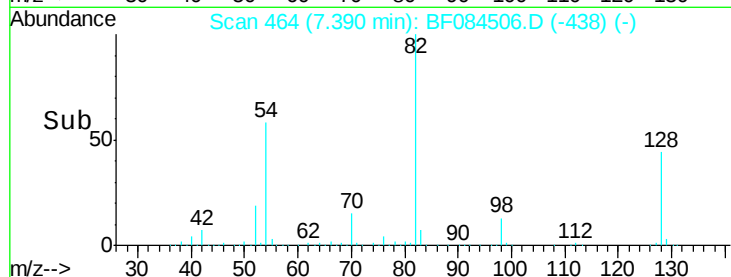
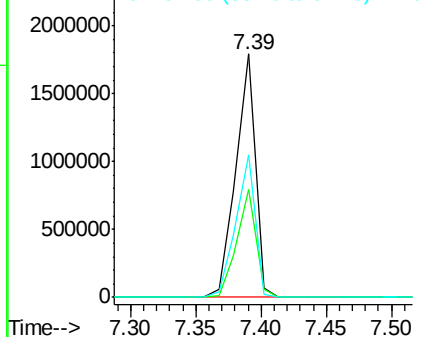
#23
 Nitrobenzene-d5
 Concen: 91.50 ng
 RT: 7.39 min Scan# 464
 Delta R.T. 0.00 min
 Lab File: BF084506.D
 Acq: 15 Jan 2016 22:22

Instrument :
 BNA_F
 ClientSampled :
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Tot Ion: 82 Resp: 1859511
 Ion Ratio Lower Upper
 82 100
 128 44.3 34.6 51.8
 54 58.3 38.4 57.6#

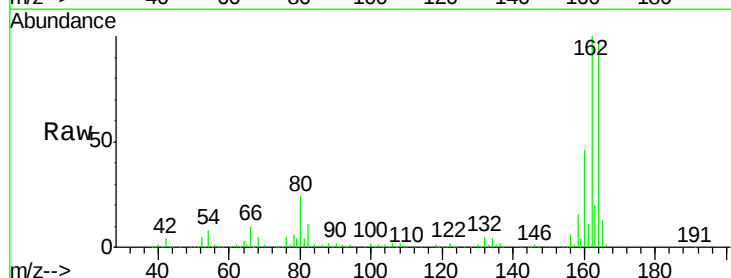


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

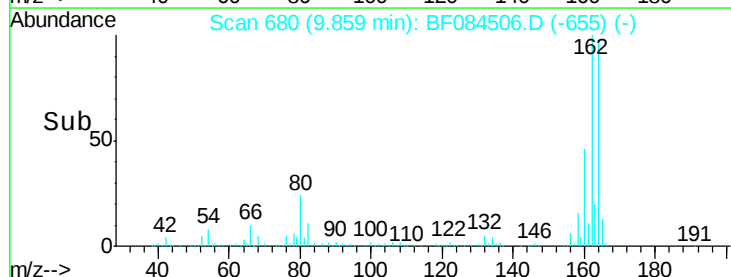
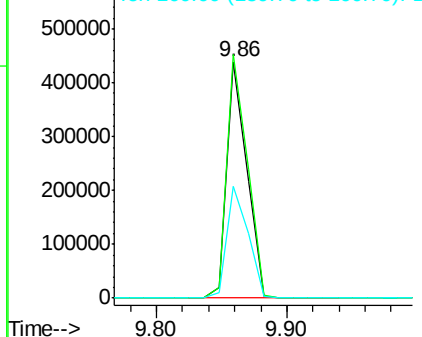


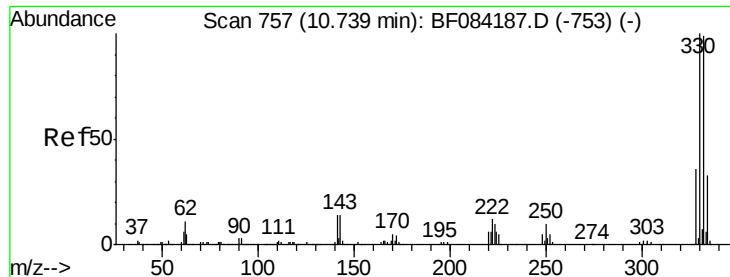
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.01 min
 Lab File: BF084506.D
 Acq: 15 Jan 2016 22:22

Tgt Ion:164 Resp: 467720
 Ion Ratio Lower Upper
 164 100
 162 103.0 85.1 127.7
 160 47.2 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

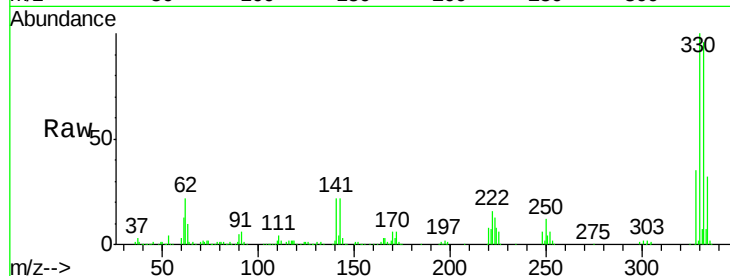




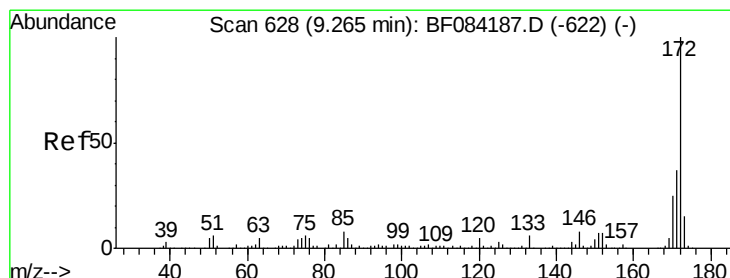
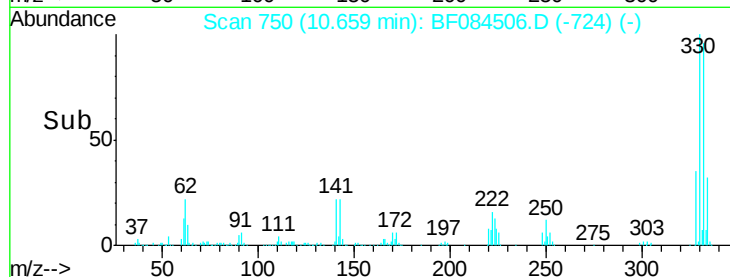
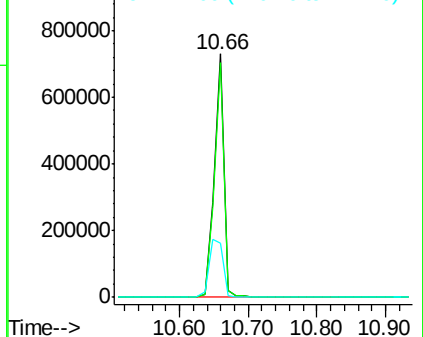
#41
 2,4,6-Tribromophenol
 Concen: 154.96 ng
 RT: 10.66 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF084506.D
 Acq: 15 Jan 2016 22:22

Instrument :
 BNA_F
 ClientSampled :
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Tot Ion:330 Resp: 731740
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 114.8
 141 33.7 27.8 41.6

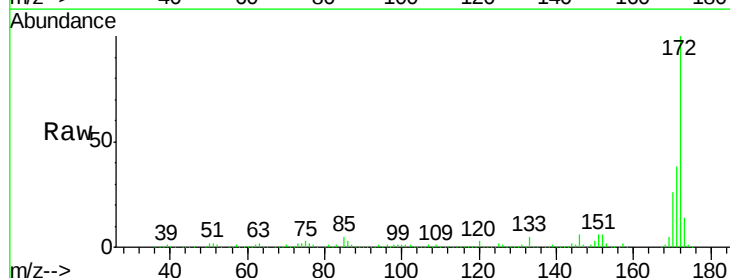


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

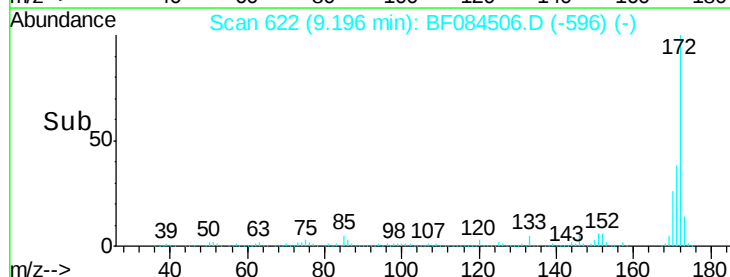
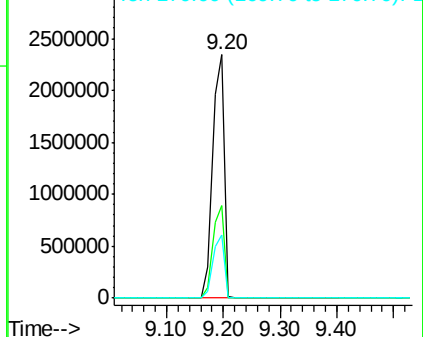


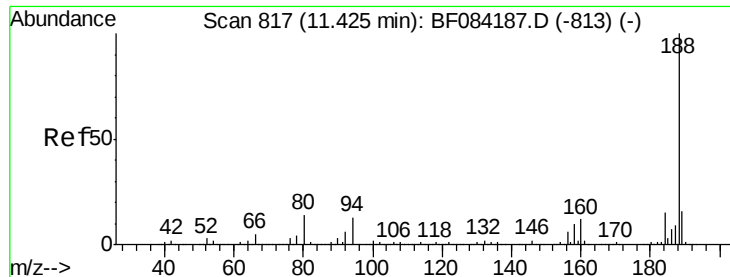
#44
 2-Fluorobiphenyl
 Concen: 123.10 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF084506.D
 Acq: 15 Jan 2016 22:22

Tgt Ion:172 Resp: 3197575
 Ion Ratio Lower Upper
 172 100
 171 38.0 28.9 43.3
 170 25.8 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

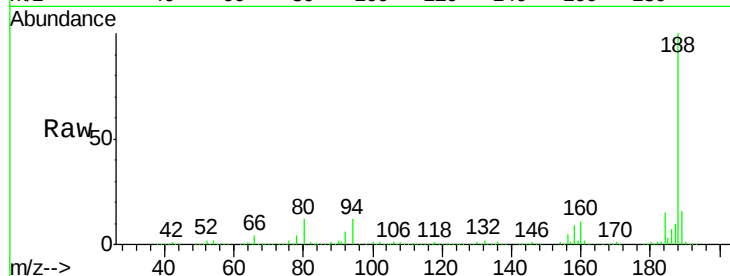




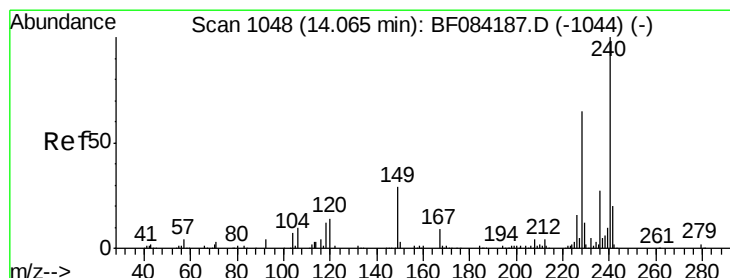
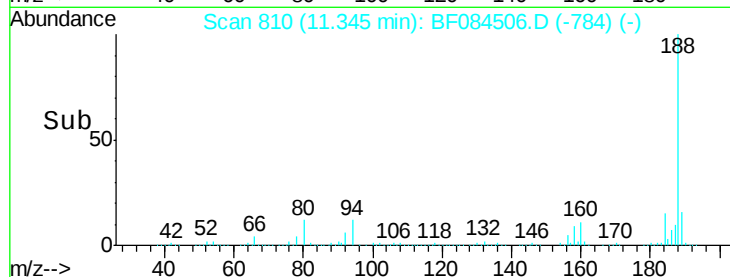
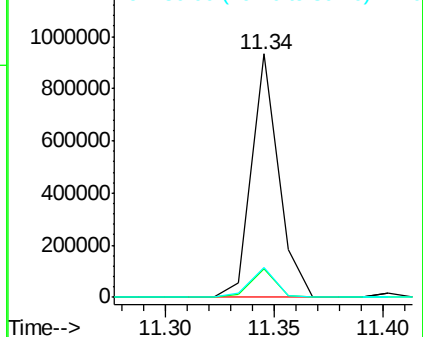
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF084506.D
Acq: 15 Jan 2016 22:22

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
188	100		
94	11.5	9.0	13.4
80	12.2	9.6	14.4

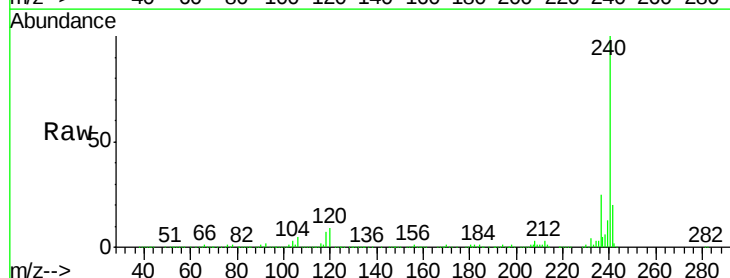


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

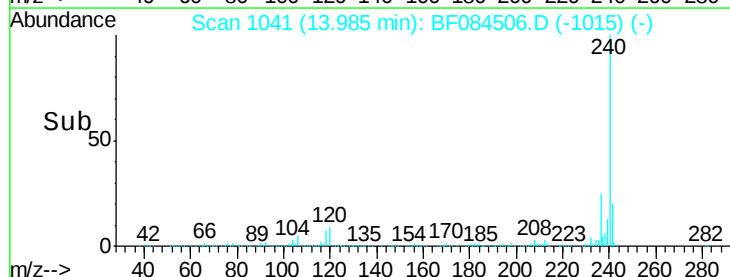
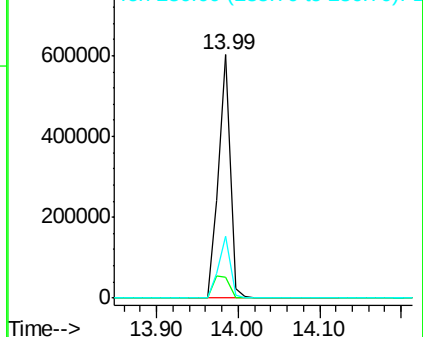


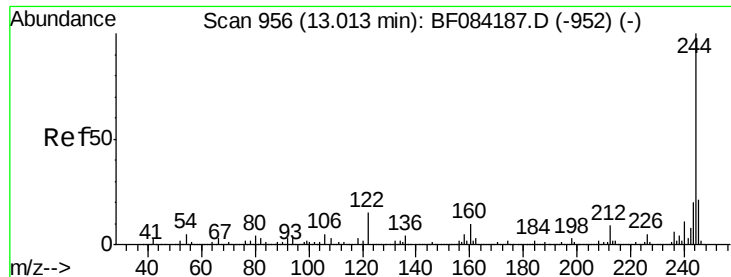
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF084506.D
Acq: 15 Jan 2016 22:22

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.6	9.5	14.3#
236	25.5	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

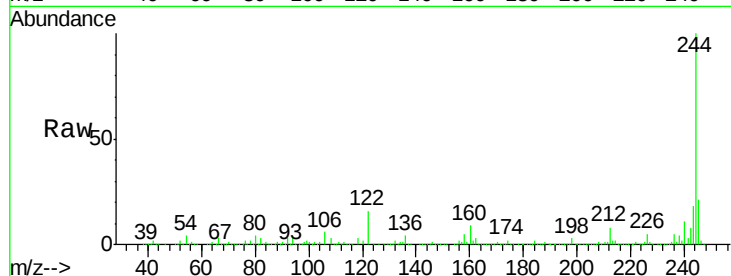




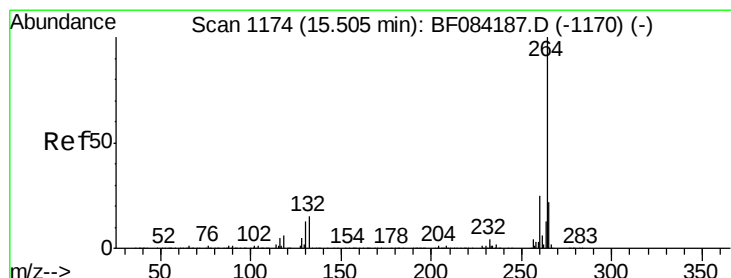
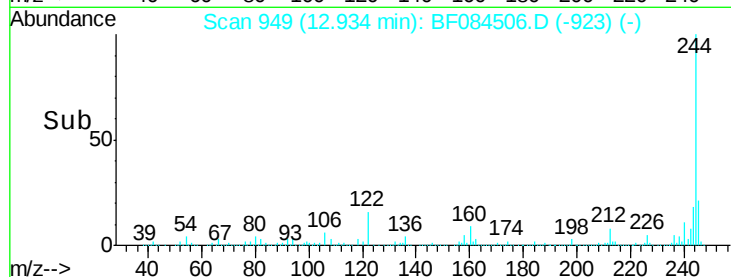
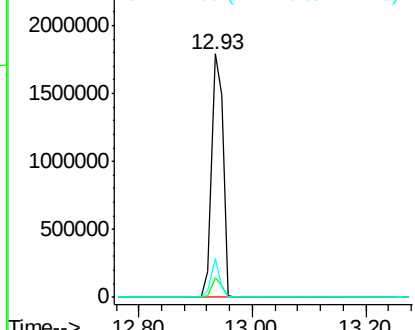
#78
 Terphenyl-d14
 Concen: 88.65 ng
 RT: 12.93 min Scan# 949
 Delta R.T. 0.00 min
 Lab File: BF084506.D
 Acq: 15 Jan 2016 22:22

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion:244 Resp: 2408715
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.7 8.5
 122 16.0 7.4 11.0#

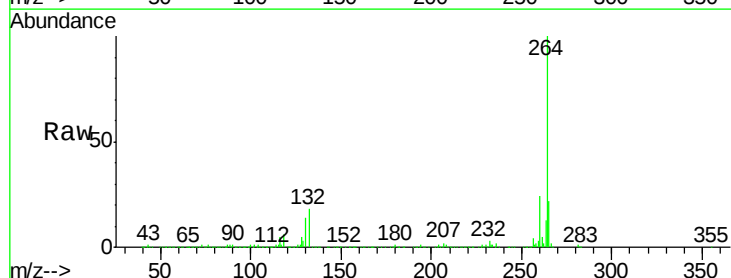


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1165
 Delta R.T. 0.00 min
 Lab File: BF084506.D
 Acq: 15 Jan 2016 22:22

Tgt Ion:264 Resp: 562101
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.4 29.2
 265 21.8 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

