

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011716\
 Data File : BF084530.D
 Acq On : 17 Jan 2016 12:30
 Operator : SJ/UM
 Sample : H1148-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-13

Quant Time: Jan 18 02:19:36 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 14 14:15:52 2016
 Response via : Initial Calibration

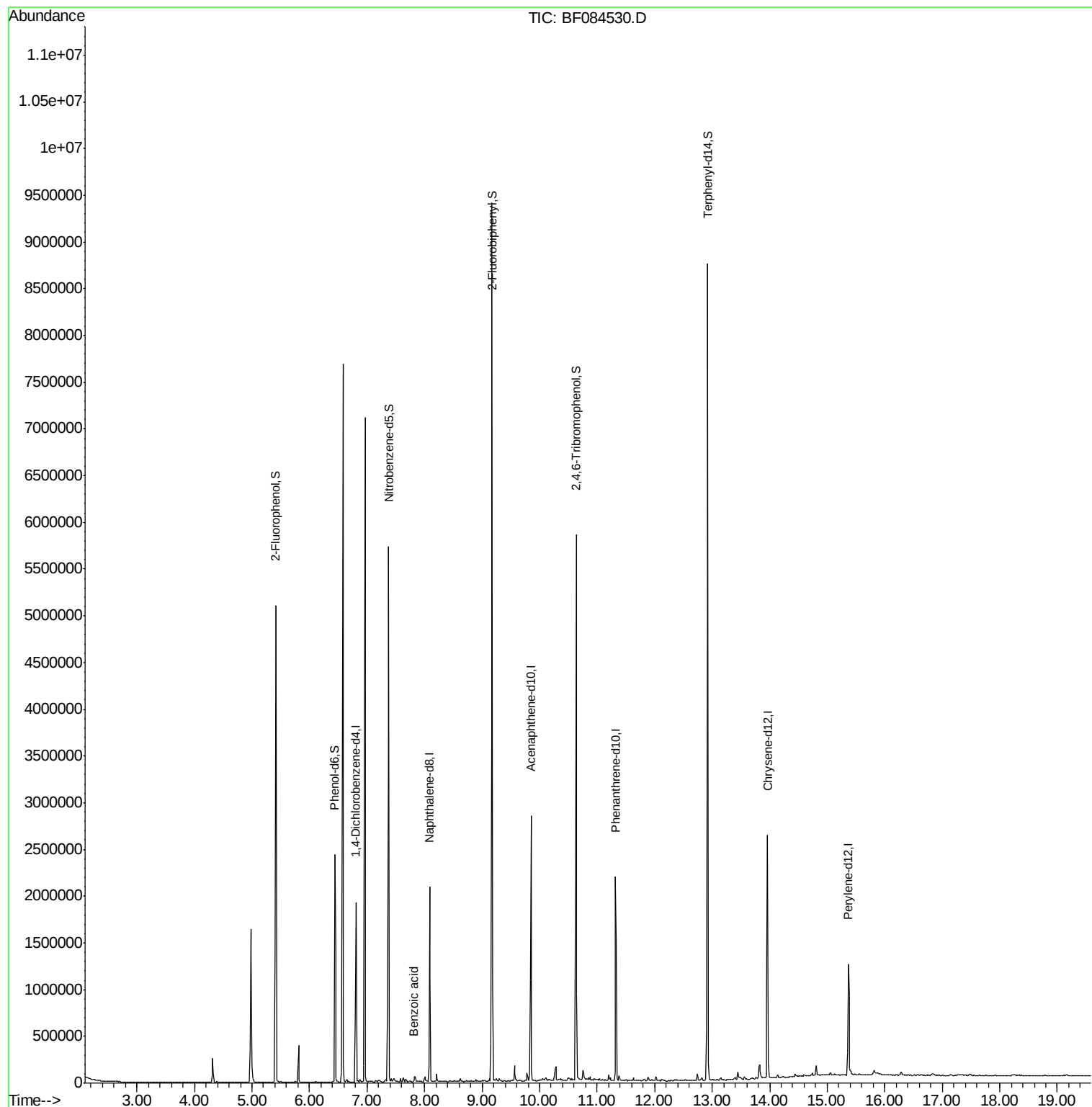
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	295862	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	1147248	20.00	ng	-0.03
38) Acenaphthene-d10	9.85	164	597782	20.00	ng	-0.02
63) Phenanthrene-d10	11.32	188	1030920	20.00	ng	-0.03
75) Chrysene-d12	13.96	240	882085	20.00	ng	-0.03
86) Perylene-d12	15.37	264	605312	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1269744	69.42	ng	-0.02
7) Phenol-d6	6.44	99	975871	42.48	ng	-0.03
23) Nitrobenzene-d5	7.38	82	2266692	109.96	ng	-0.02
41) 2,4,6-Tribromophenol	10.64	330	760144	125.95	ng	-0.03
44) 2-Fluorobiphenyl	9.17	172	3056046	90.33	ng	-0.02
78) Terphenyl-d14	12.92	244	3044539	77.04	ng	-0.02
Target Compounds						
32) Benzoic acid	7.81	122	3590	6.50	ng	Qvalue 94

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

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Quant Time: Jan 18 02:19:36 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.02 min

Lab File: BF084530.D

Acq: 17 Jan 2016 12:30

Instrument :

BNA_F

ClientSampleId :

MW-13

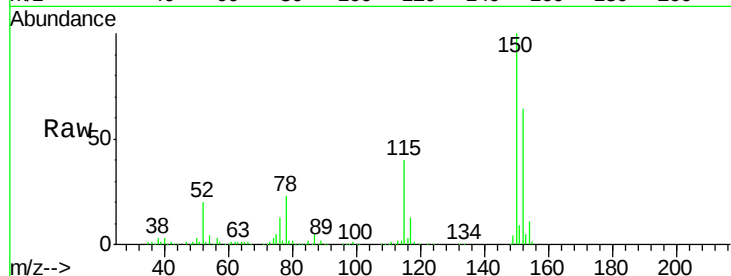
Tot Ion:152 Resp: 295862

Ion Ratio Lower Upper

152 100

150 157.2 123.0 184.4

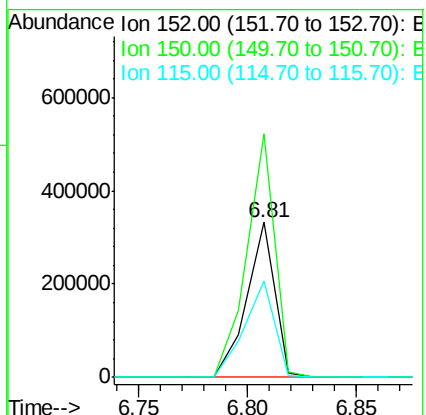
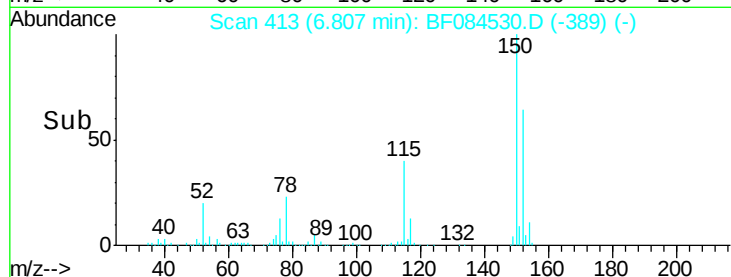
115 62.4 51.4 77.2



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: 69.42 ng

RT: 5.41 min Scan# 291

Delta R.T. -0.02 min

Lab File: BF084530.D

Acq: 17 Jan 2016 12:30

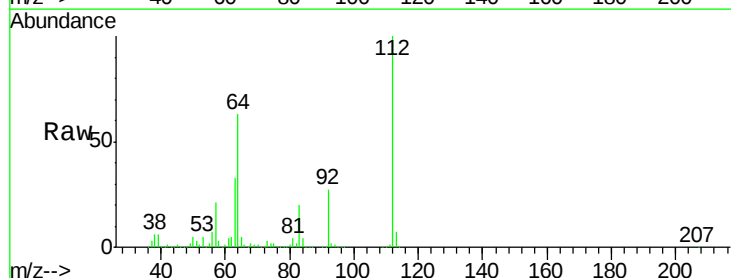
Tgt Ion:112 Resp: 1269744

Ion Ratio Lower Upper

112 100

64 62.8 36.6 55.0#

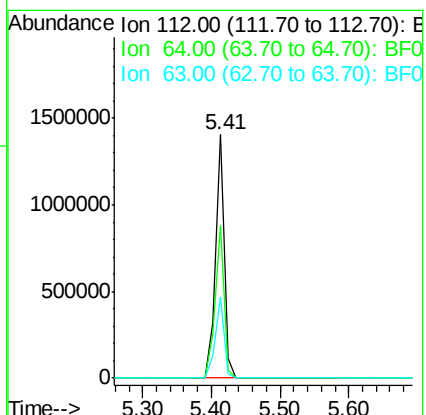
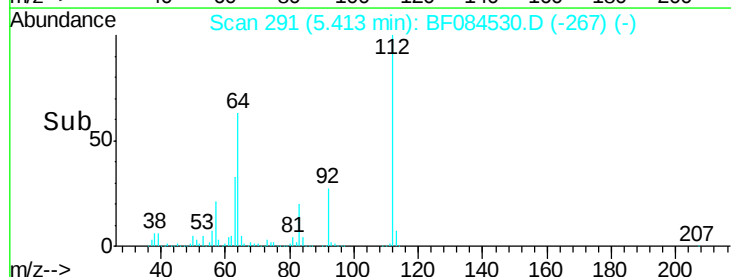
63 33.2 19.4 29.0#

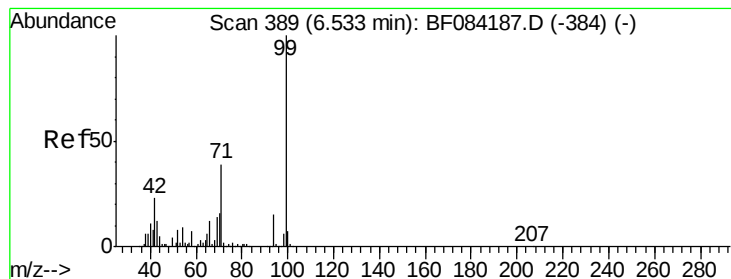


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 42.48 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.03 min

Lab File: BF084530.D

Acq: 17 Jan 2016 12:30

Instrument :

BNA_F

ClientSampled :

MW-13

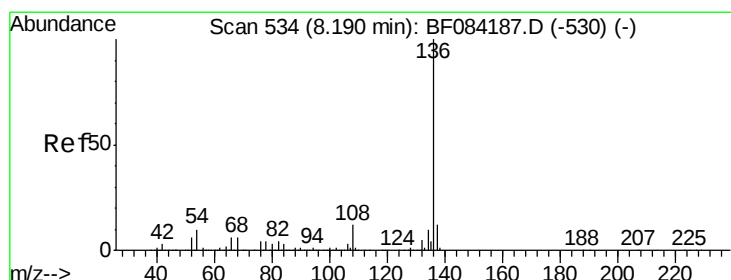
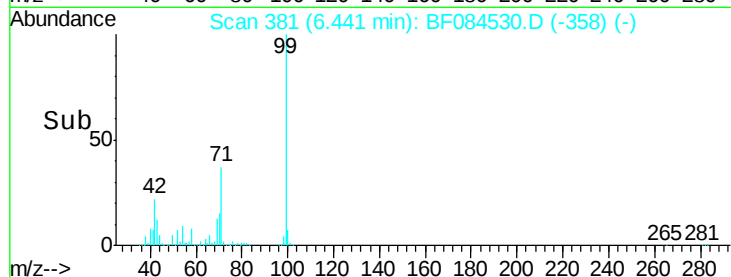
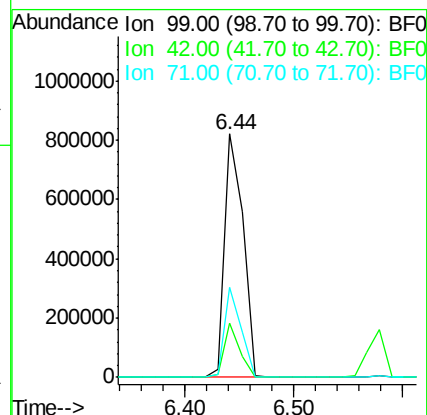
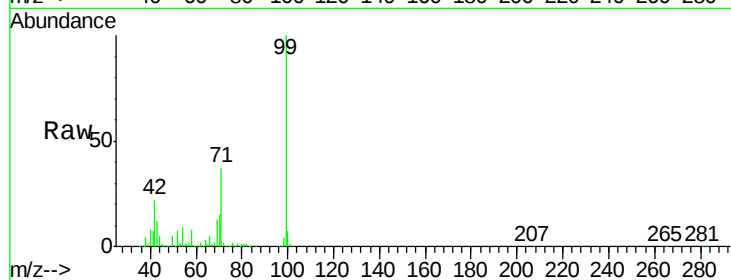
Tot Ion: 99 Resp: 975871

Ion Ratio Lower Upper

99 100

42 22.0 12.8 19.2#

71 37.0 30.9 46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.03 min

Lab File: BF084530.D

Acq: 17 Jan 2016 12:30

Tgt Ion: 136 Resp: 1147248

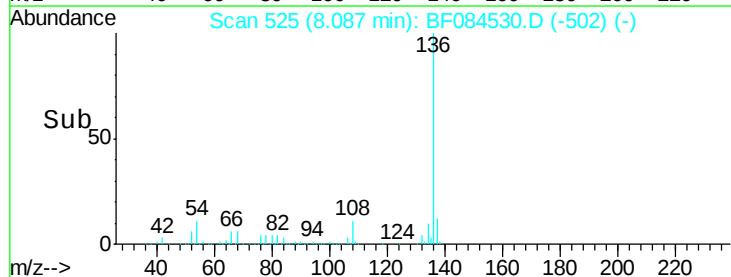
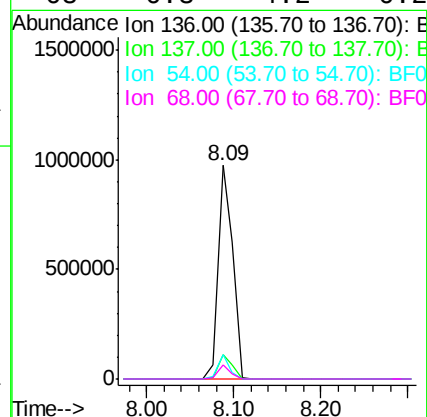
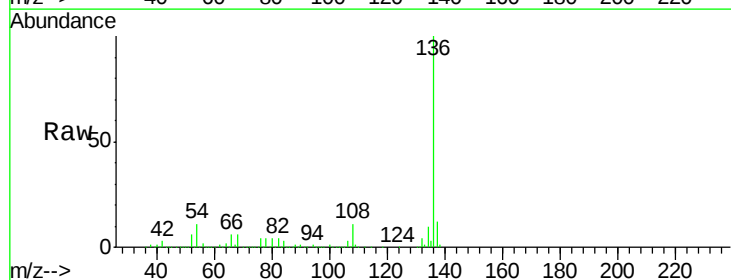
Ion Ratio Lower Upper

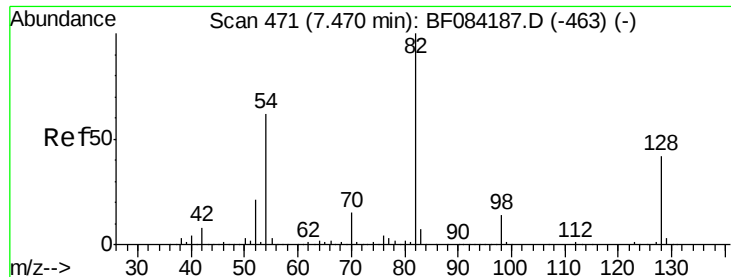
136 100

137 11.5 8.7 13.1

54 11.2 5.8 8.8#

68 6.3 4.2 6.2#



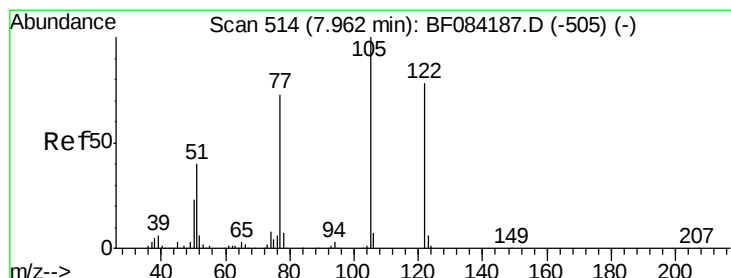
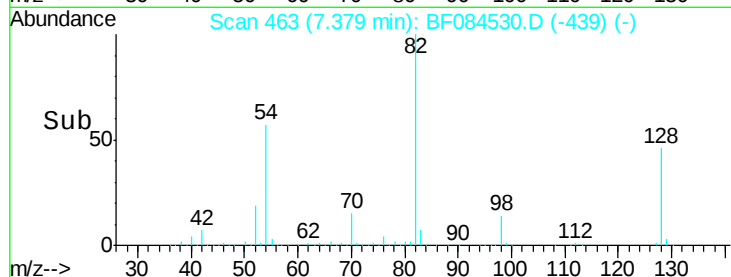
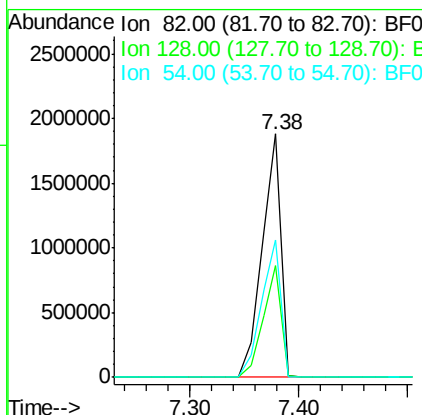
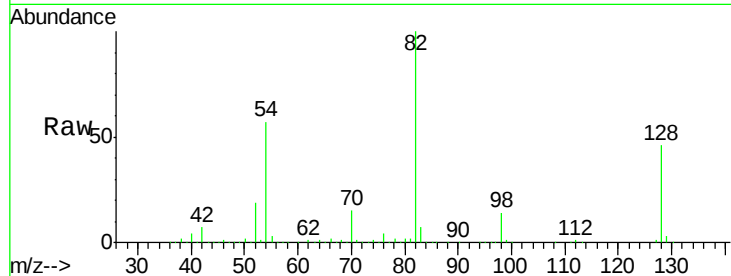


#23
 Nitrobenzene-d5
 Concen: 109.96 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.02 min
 Lab File: BF084530.D
 Acq: 17 Jan 2016 12:30

Instrument :
 BNA_F
 ClientSampleId :
 MW-13

Tot Ion: 82 Resp: 2266692

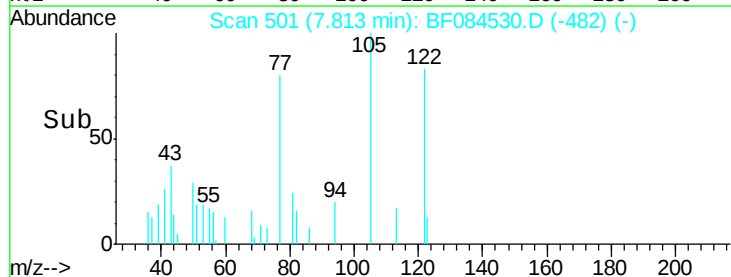
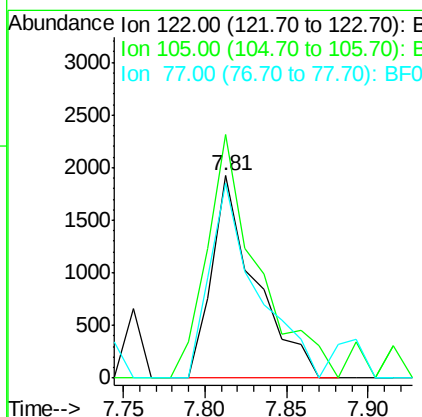
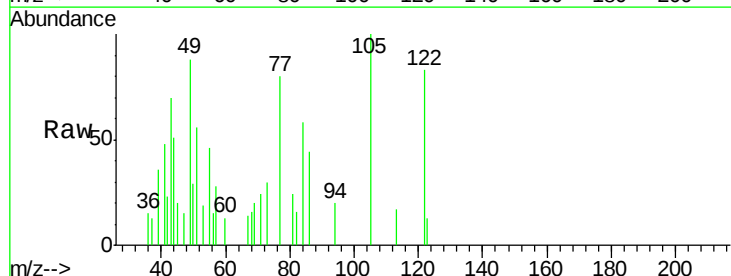
Ion	Ratio	Lower	Upper
82	100		
128	46.1	34.6	51.8
54	56.6	38.4	57.6

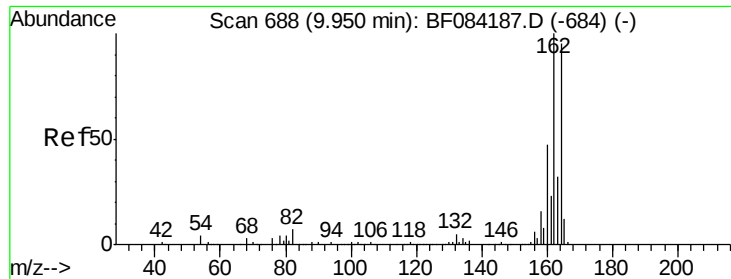


#32
 Benzoic acid
 Concen: 6.50 ng
 RT: 7.81 min Scan# 501
 Delta R.T. -0.08 min
 Lab File: BF084530.D
 Acq: 17 Jan 2016 12:30

Tgt Ion: 122 Resp: 3590

Ion	Ratio	Lower	Upper
122	100		
105	120.5	100.3	140.3
77	96.6	63.5	103.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.02 min

Lab File: BF084530.D

Acq: 17 Jan 2016 12:30

Instrument :

BNA_F

ClientSampleId :

MW-13

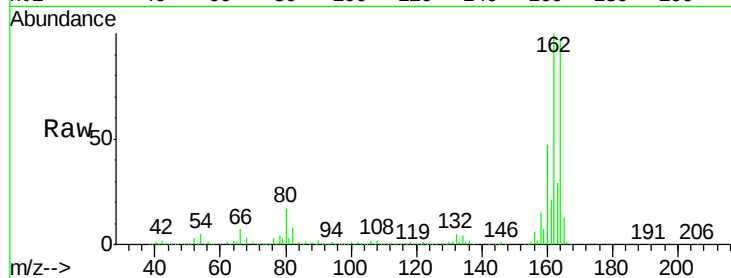
Tot Ion:164 Resp: 597782

Ion Ratio Lower Upper

164 100

162 103.0 85.1 127.7

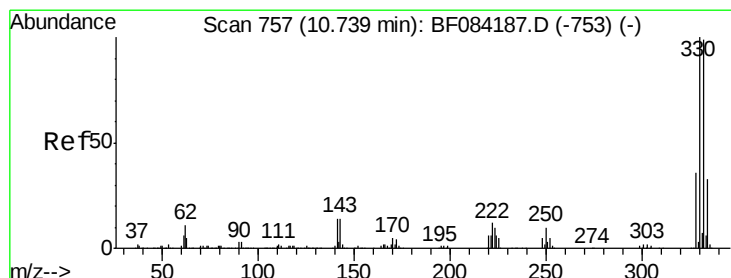
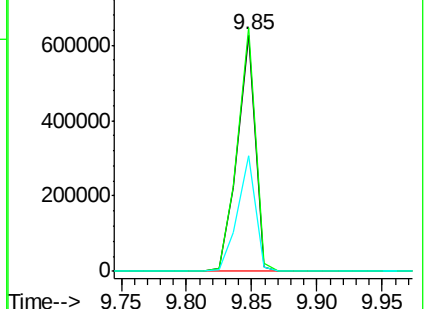
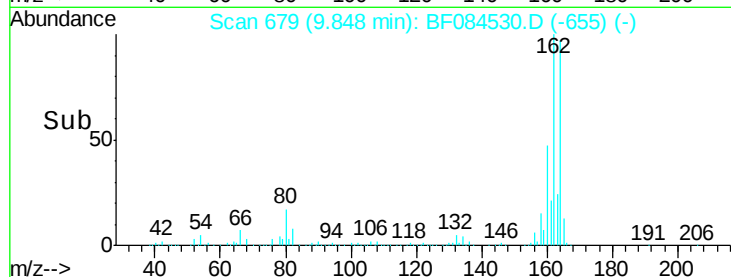
160 48.7 37.5 56.3



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: 125.95 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.03 min

Lab File: BF084530.D

Acq: 17 Jan 2016 12:30

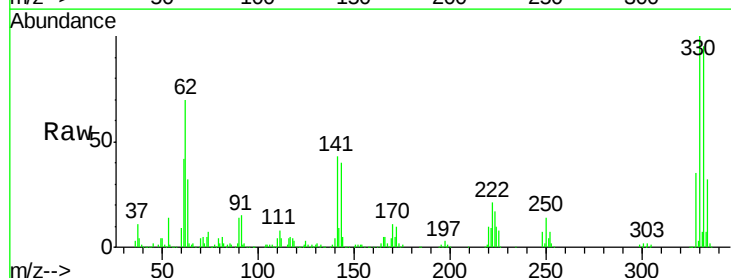
Tgt Ion:330 Resp: 760144

Ion Ratio Lower Upper

330 100

332 95.7 76.6 114.8

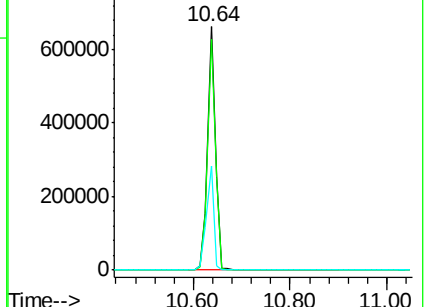
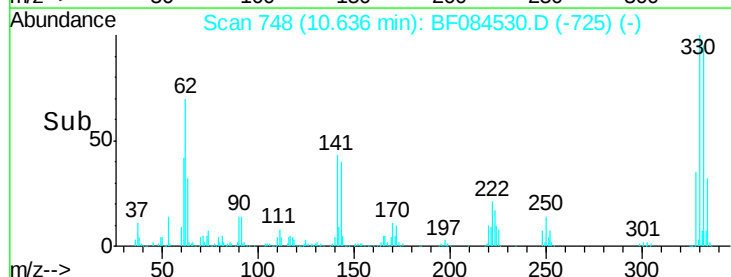
141 38.2 27.8 41.6

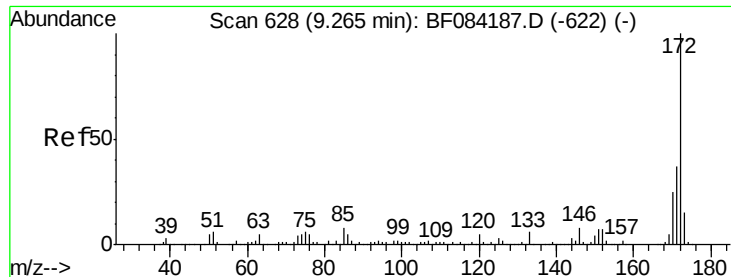


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



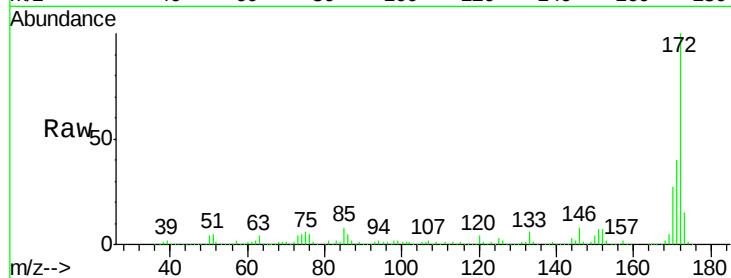


#44
 2-Fluorobiphenyl
 Concen: 90.33 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.02 min
 Lab File: BF084530.D
 Acq: 17 Jan 2016 12:30

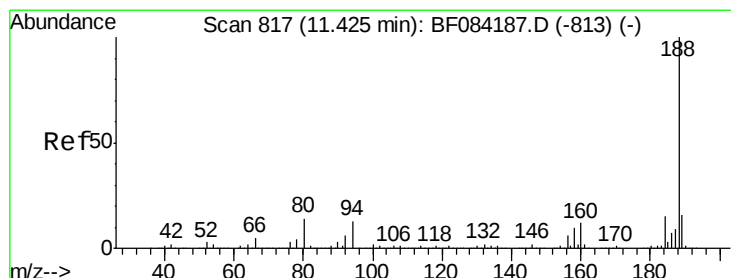
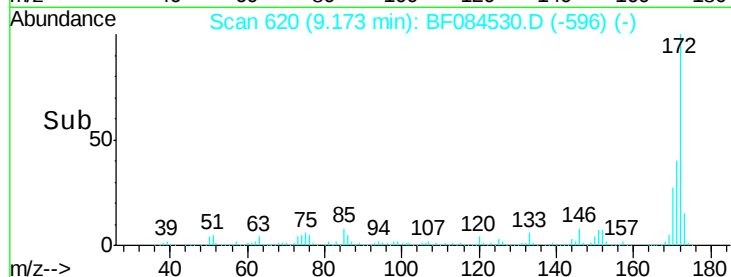
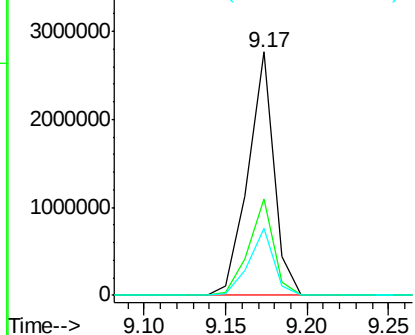
Instrument :
 BNA_F
 ClientSampleId :
 MW-13

Tot Ion:172 Resp: 3056046

Ion	Ratio	Lower	Upper
172	100		
171	39.6	28.9	43.3
170	27.4	18.6	27.8



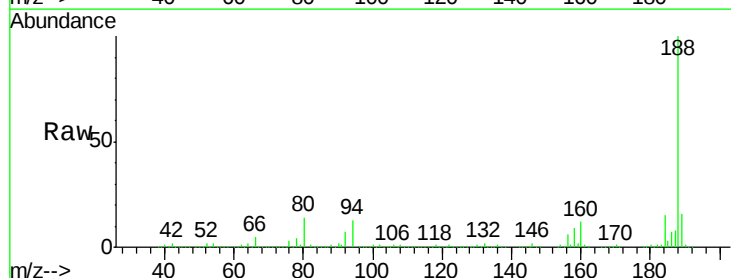
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



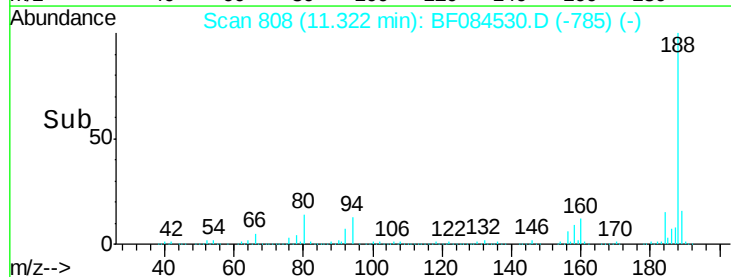
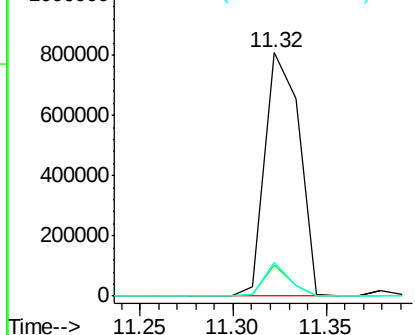
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.03 min
 Lab File: BF084530.D
 Acq: 17 Jan 2016 12:30

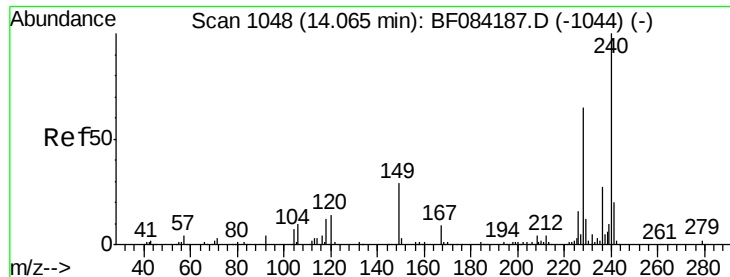
Tgt Ion:188 Resp: 1030920

Ion	Ratio	Lower	Upper
188	100		
94	12.9	9.0	13.4
80	13.9	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: 13.96 min Scan# 1039

Delta R.T. -0.03 min

Lab File: BF084530.D

Acq: 17 Jan 2016 12:30

Instrument :

BNA_F

ClientSampled :

MW-13

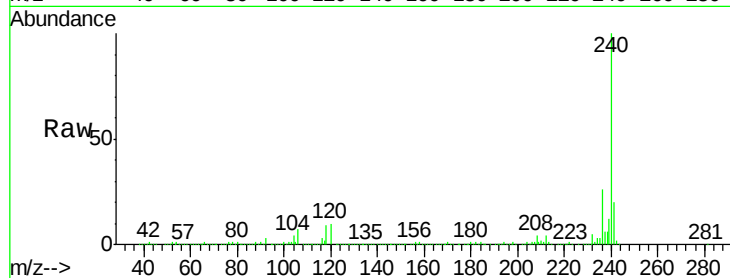
Tot Ion:240 Resp: 882085

Ion Ratio Lower Upper

240 100

120 10.3 9.5 14.3

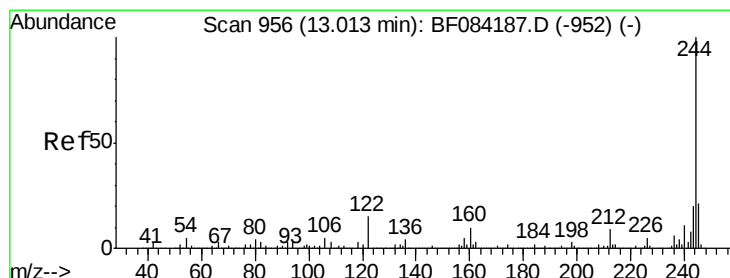
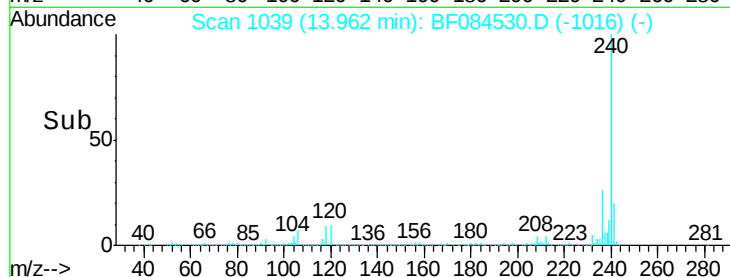
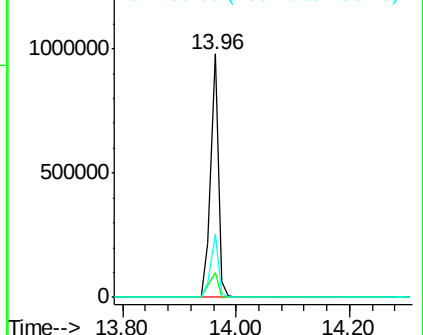
236 26.0 20.6 31.0



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: 77.04 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.02 min

Lab File: BF084530.D

Acq: 17 Jan 2016 12:30

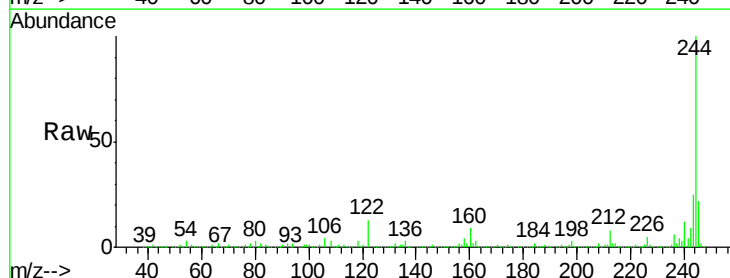
Tgt Ion:244 Resp: 3044539

Ion Ratio Lower Upper

244 100

212 8.1 5.7 8.5

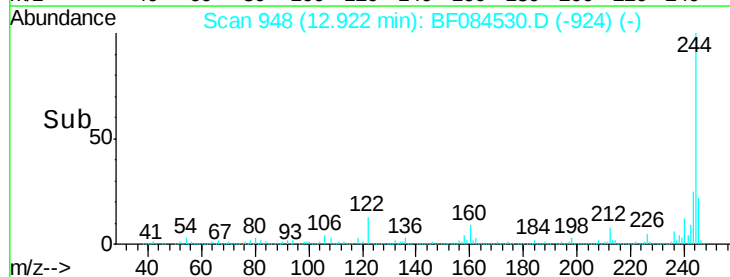
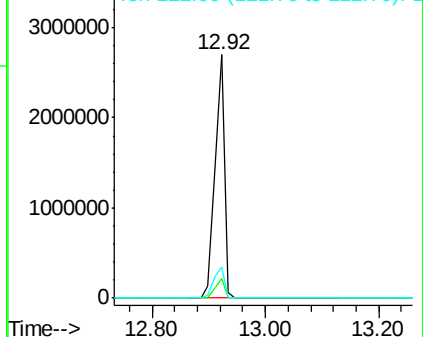
122 12.7 7.4 11.0#

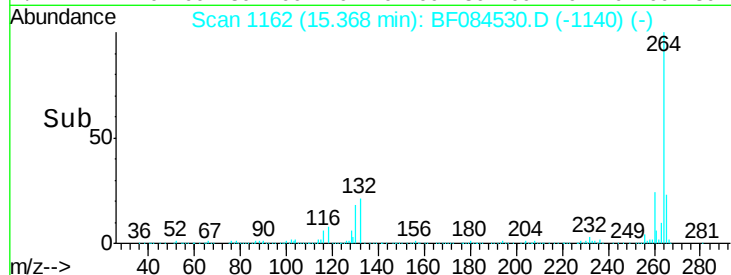
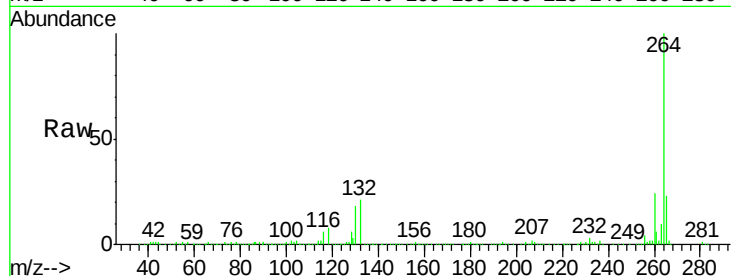
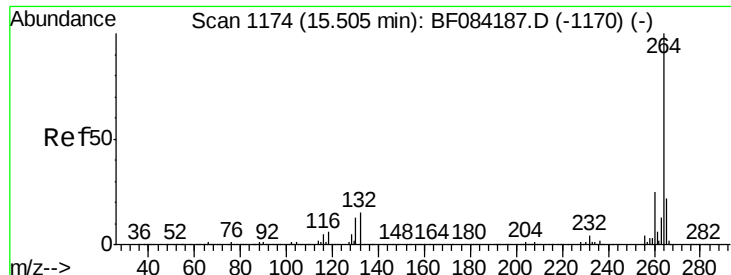


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1162
Delta R.T. -0.05 min
Lab File: BF084530.D
Acq: 17 Jan 2016 12:30

Instrument :
BNA_F
ClientSampleId :
MW-13

Tot Ion:	264	Resp:	605312
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	22.7	17.8	26.6

