

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
 Data File : BF084870.D
 Acq On : 5 Feb 2016 20:06
 Operator : SJ/IZ
 Sample : H1357-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Quant Time: Feb 05 23:03:51 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

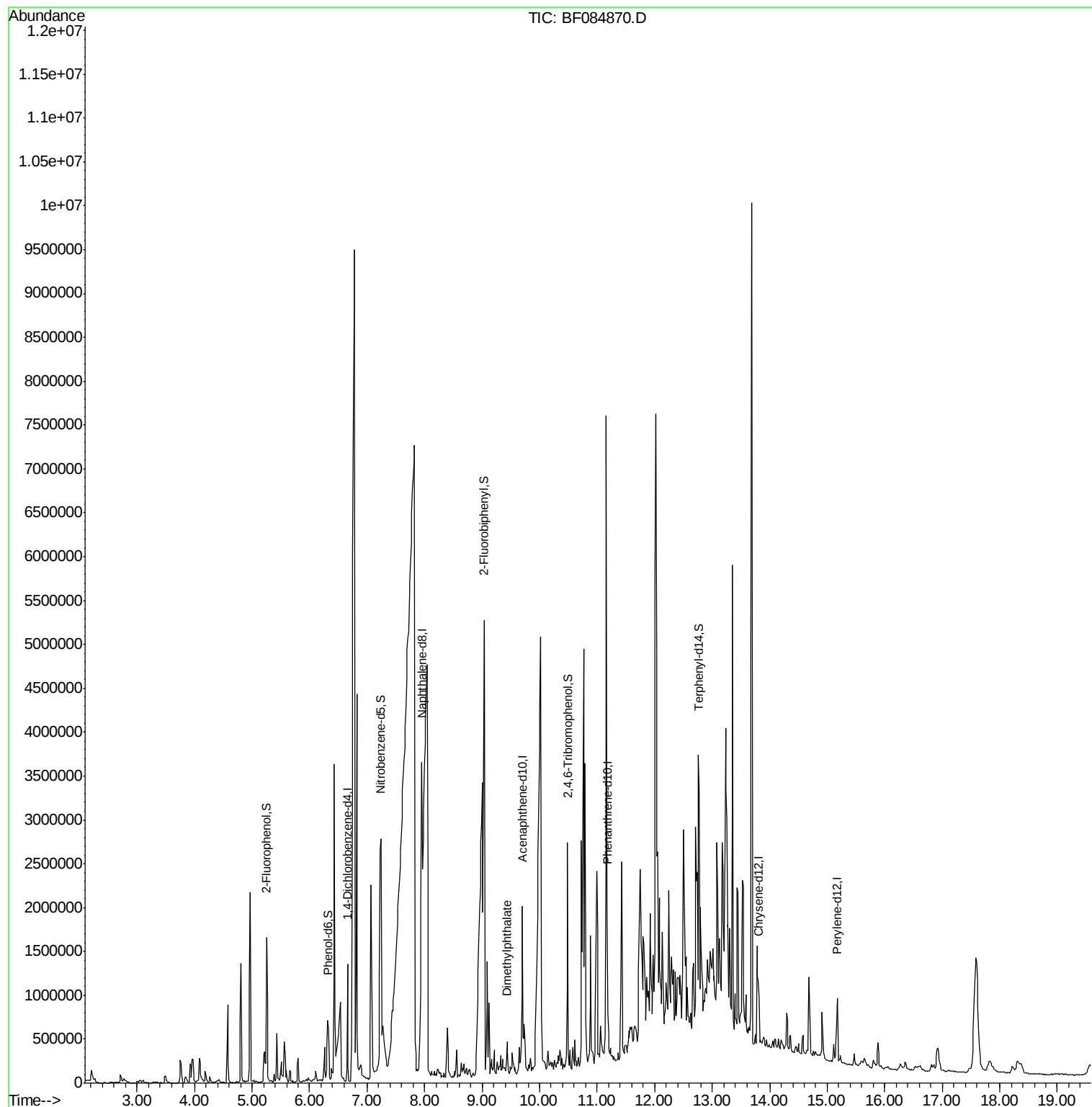
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	176444	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	668778	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	332615	20.00	ng	-0.03
63) Phenanthrene-d10	11.17	188	495595	20.00	ng	-0.03
75) Chrysene-d12	13.80	240	347578	20.00	ng	-0.03
86) Perylene-d12	15.17	264	322395	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	542749	47.91	ng	-0.02
7) Phenol-d6	6.32	99	446284	31.78	ng	-0.02
23) Nitrobenzene-d5	7.24	82	1275062	107.40	ng	-0.02
41) 2,4,6-Tribromophenol	10.49	330	289785	83.52	ng	-0.03
44) 2-Fluorobiphenyl	9.04	172	2104735	128.30	ng	-0.02
78) Terphenyl-d14	12.76	244	1350499	88.05	ng	-0.03
Target Compounds						
49) Dimethylphthalate	9.44	163	106939	4.22	ng	Qvalue # 90

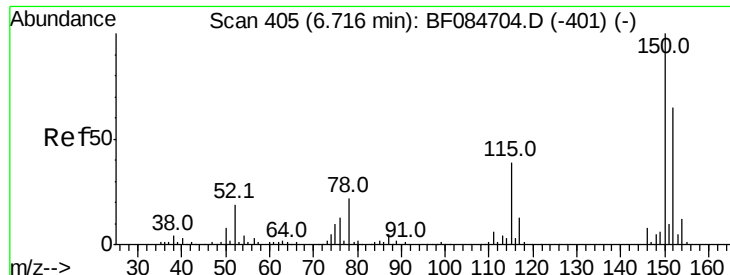
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF084870.D

Acq: 5 Feb 2016 20:06

Instrument :

BNA_F

ClientSampleId :

EFF-WW

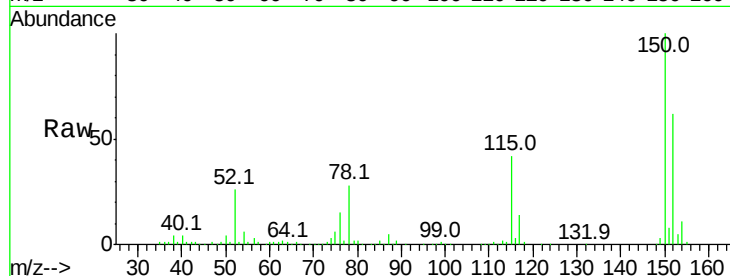
Tot Ion:152 Resp: 176444

Ion Ratio Lower Upper

152 100

150 160.1 123.0 184.4

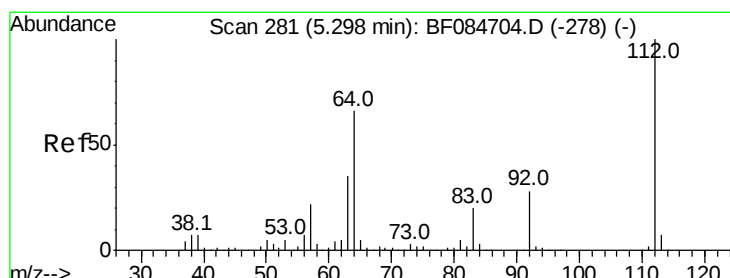
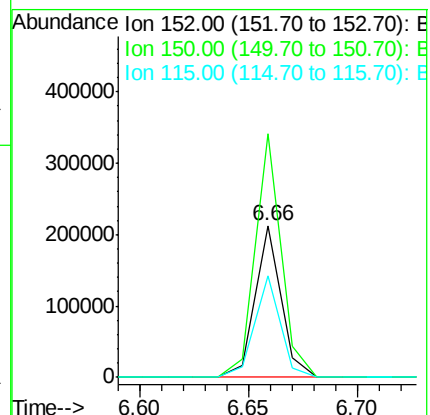
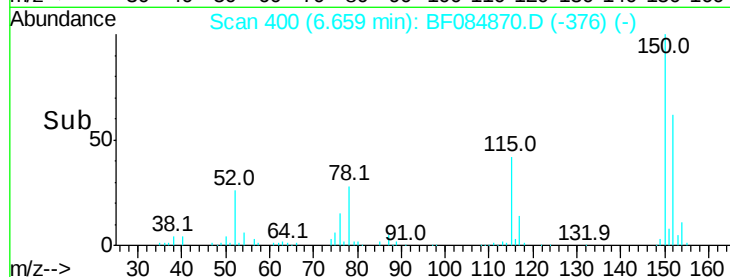
115 67.2 51.4 77.2



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: 47.91 ng

RT: 5.25 min Scan# 277

Delta R.T. -0.02 min

Lab File: BF084870.D

Acq: 5 Feb 2016 20:06

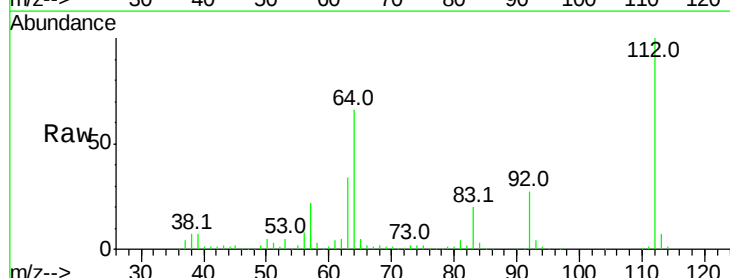
Tgt Ion:112 Resp: 542749

Ion Ratio Lower Upper

112 100

64 66.5 36.6 55.0#

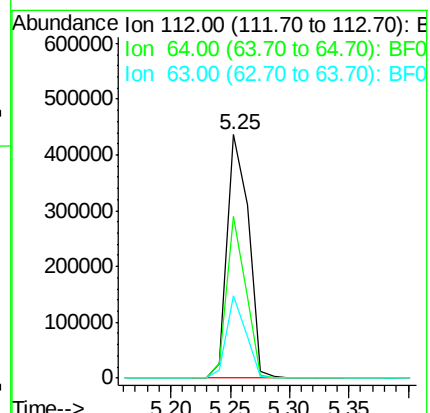
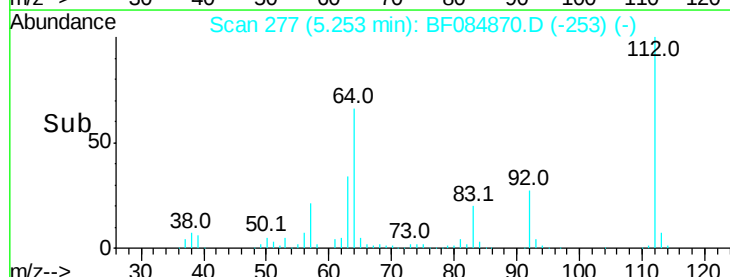
63 33.8 19.4 29.0#

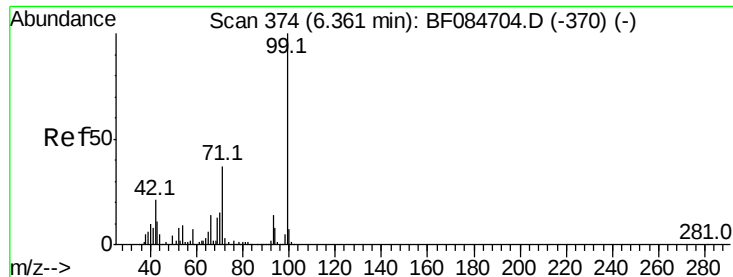


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 31.78 ng

RT: 6.32 min Scan# 370

Delta R.T. -0.02 min

Lab File: BF084870.D

Acq: 5 Feb 2016 20:06

Instrument :

BNA_F

ClientSampleId :

EFF-WW

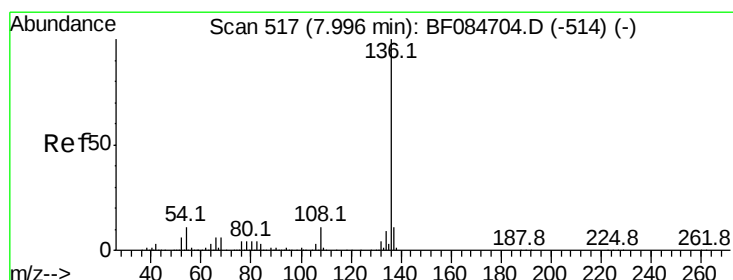
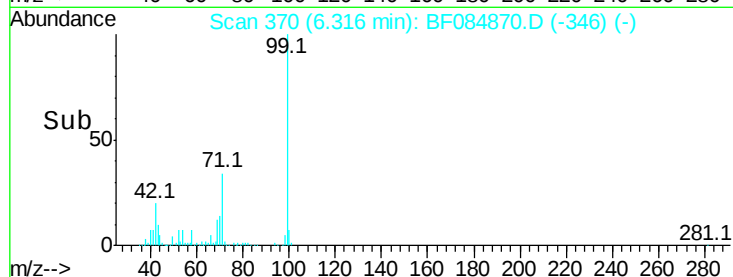
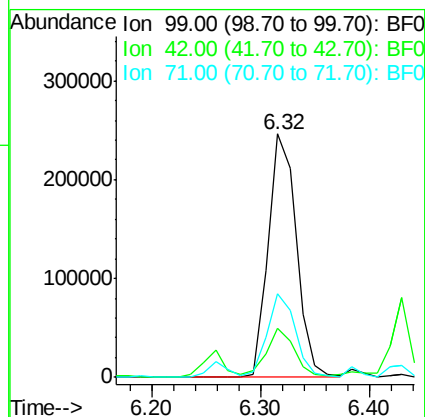
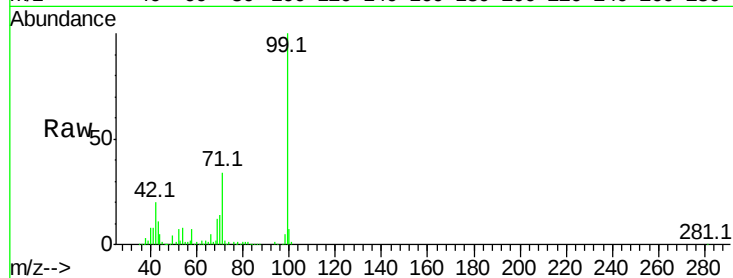
Tot Ion: 99 Resp: 446284

Ion Ratio Lower Upper

99 100

42 20.3 12.8 19.2#

71 34.3 30.9 46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF084870.D

Acq: 5 Feb 2016 20:06

Tgt Ion: 136 Resp: 668778

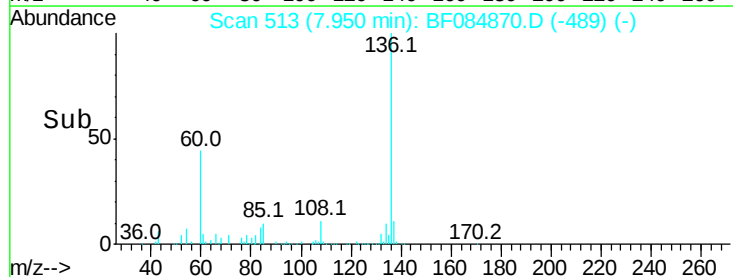
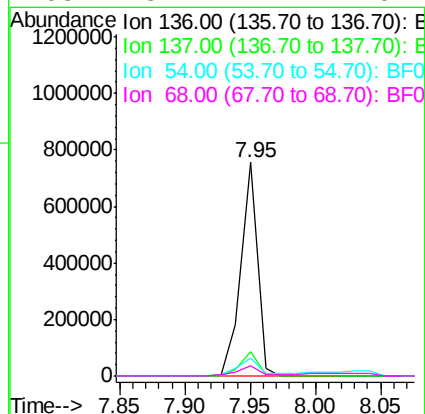
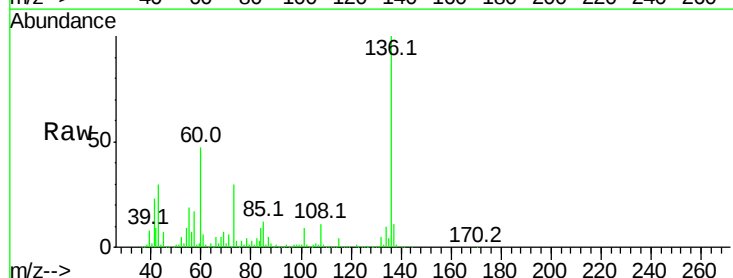
Ion Ratio Lower Upper

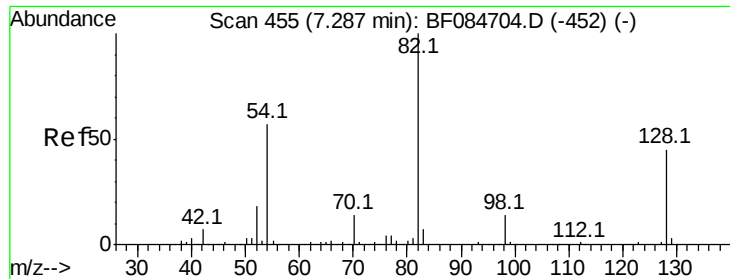
136 100

137 11.2 8.7 13.1

54 8.7 5.8 8.8

68 5.1 4.2 6.2

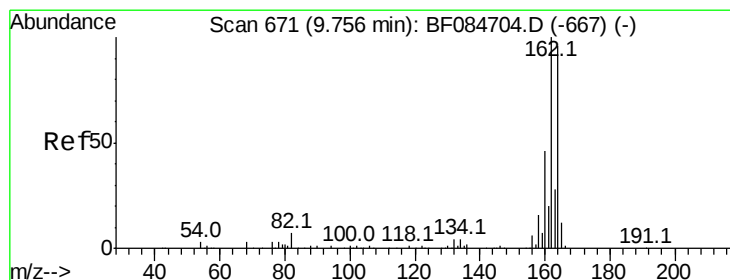
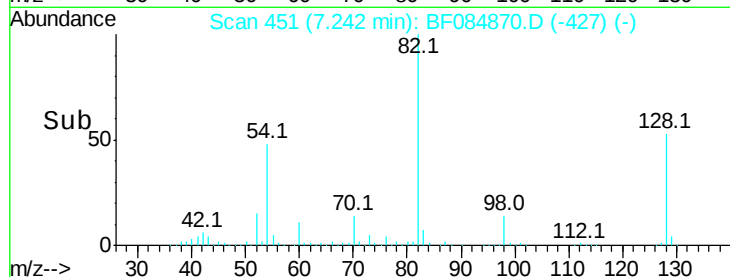
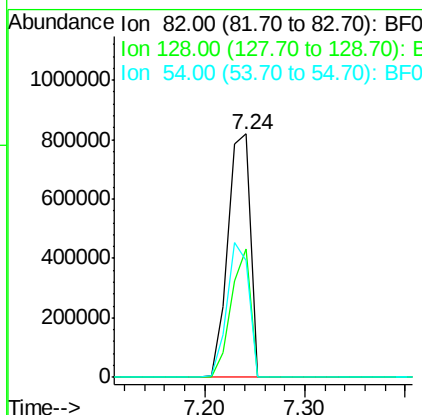
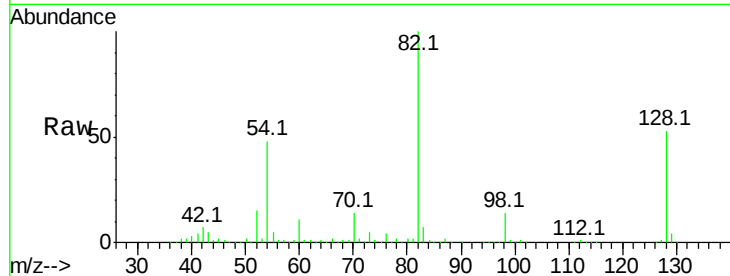




#23
 Nitrobenzene-d5
 Concen: 107.40 ng
 RT: 7.24 min Scan# 451
 Delta R.T. -0.02 min
 Lab File: BF084870.D
 Acq: 5 Feb 2016 20:06

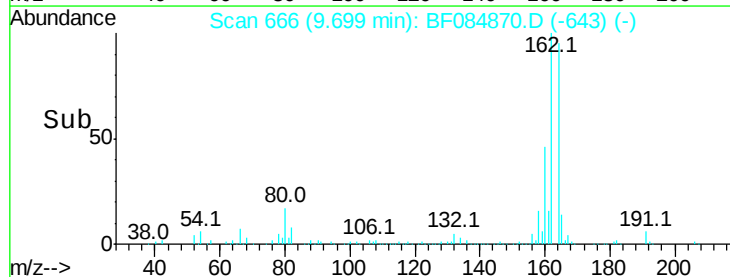
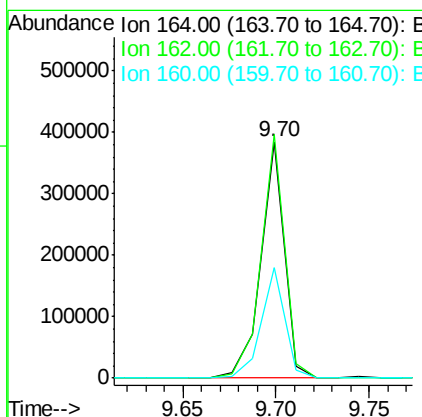
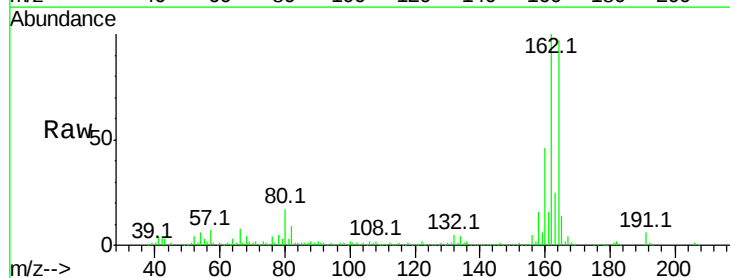
Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

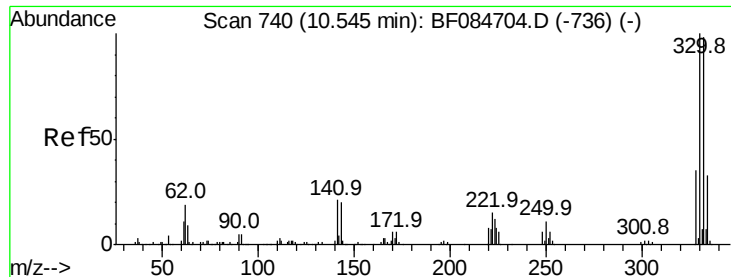
Tot Ion: 82 Resp: 1275062
 Ion Ratio Lower Upper
 82 100
 128 52.9 34.6 51.8#
 54 48.0 38.4 57.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 666
 Delta R.T. -0.03 min
 Lab File: BF084870.D
 Acq: 5 Feb 2016 20:06

Tgt Ion:164 Resp: 332615
 Ion Ratio Lower Upper
 164 100
 162 103.1 85.1 127.7
 160 47.0 37.5 56.3

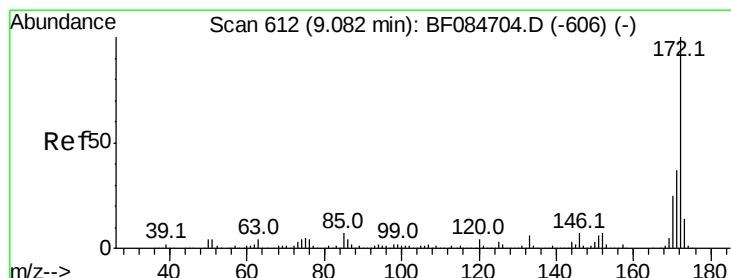
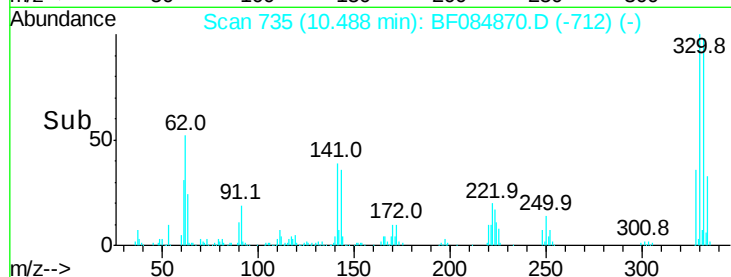
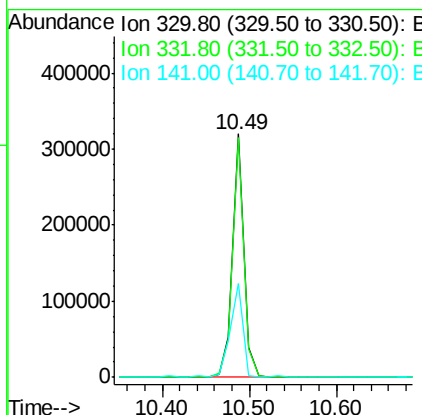
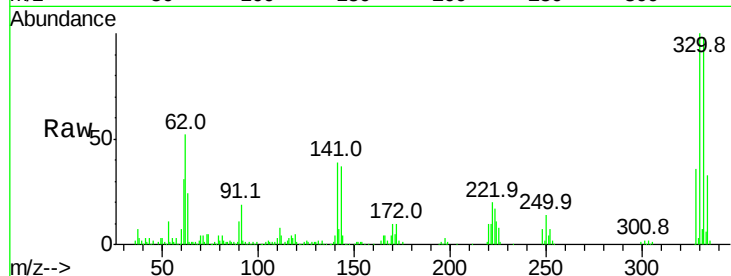




#41
 2,4,6-Tribromophenol
 Concen: 83.52 ng
 RT: 10.49 min Scan# 735
 Delta R.T. -0.03 min
 Lab File: BF084870.D
 Acq: 5 Feb 2016 20:06

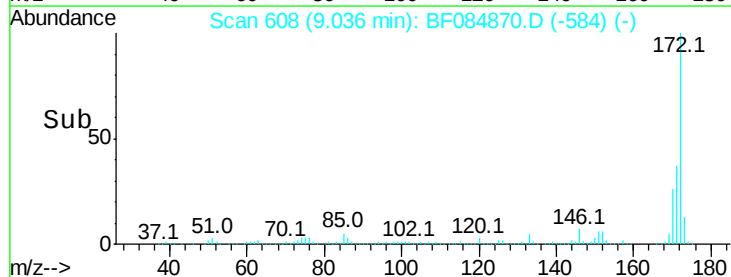
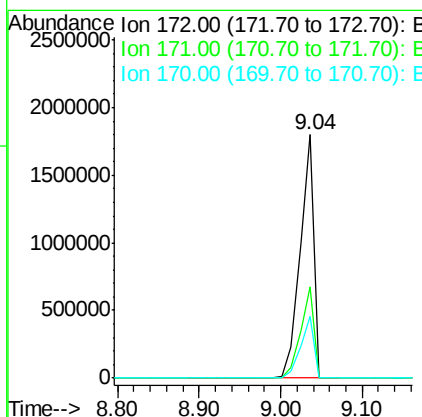
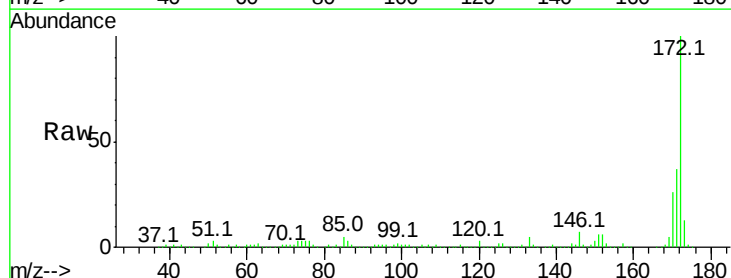
Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

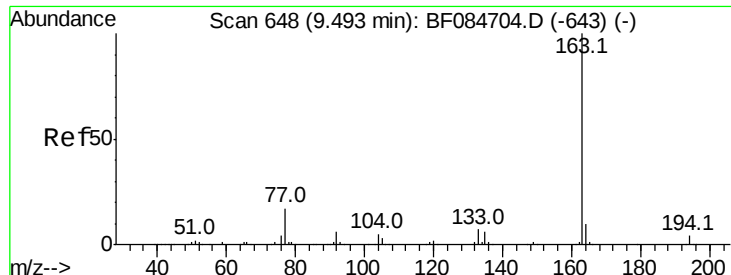
Tot Ion:330 Resp: 289785
 Ion Ratio Lower Upper
 330 100
 332 97.9 76.6 114.8
 141 41.8 27.8 41.6#



#44
 2-Fluorobiphenyl
 Concen: 128.30 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.02 min
 Lab File: BF084870.D
 Acq: 5 Feb 2016 20:06

Tgt Ion:172 Resp: 2104735
 Ion Ratio Lower Upper
 172 100
 171 37.5 28.9 43.3
 170 25.6 18.6 27.8

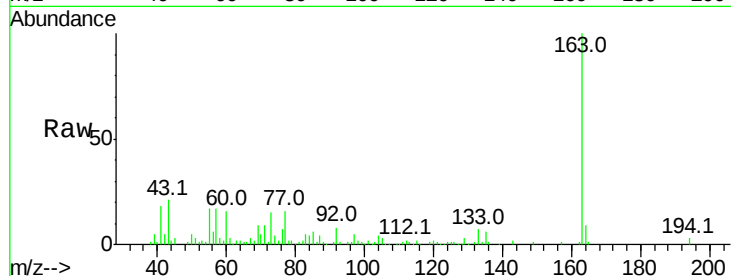




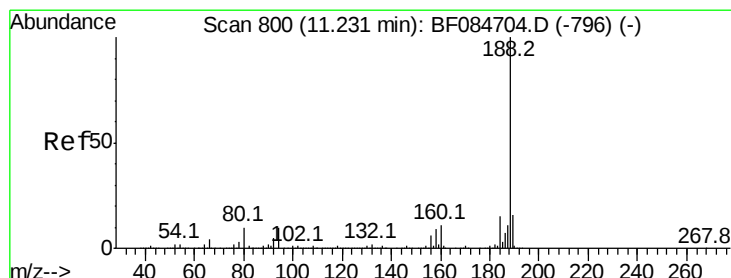
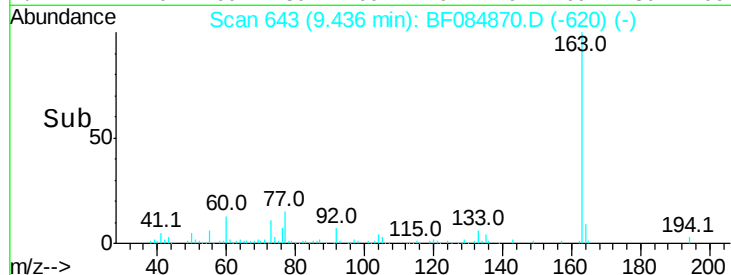
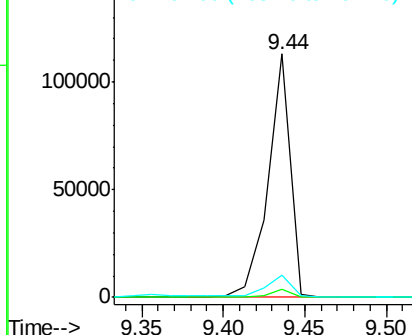
#49
Dimethylphthalate
Concen: 4.22 ng
RT: 9.44 min Scan# 643
Delta R.T. -0.03 min
Lab File: BF084870.D
Acq: 5 Feb 2016 20:06

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	8.0	12.0#
164	9.2	8.0	12.0

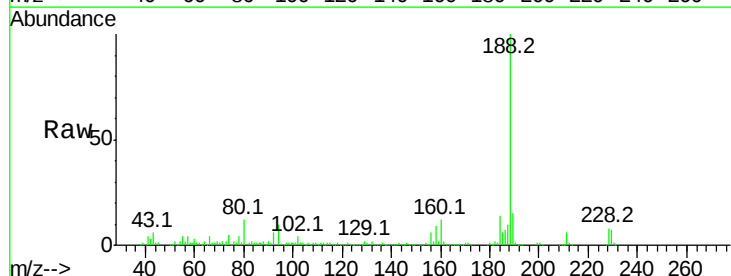


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

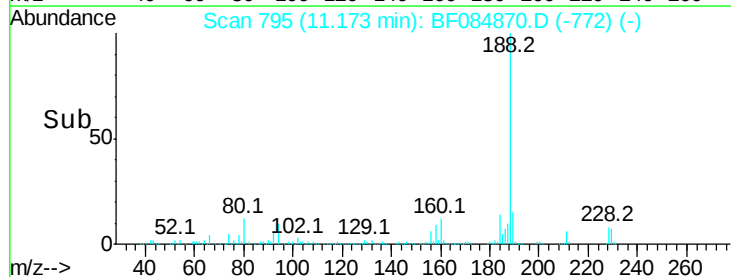
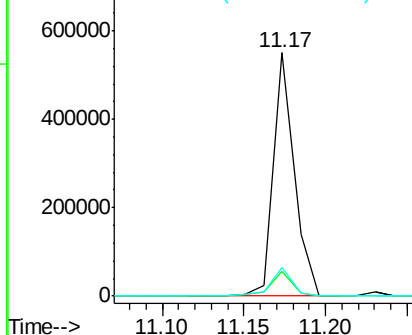


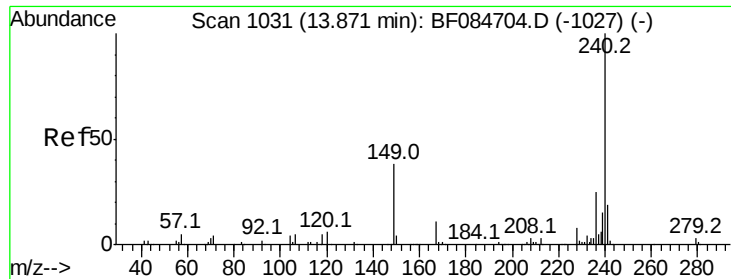
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 795
Delta R.T. -0.03 min
Lab File: BF084870.D
Acq: 5 Feb 2016 20:06

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.4	9.0	13.4
80	11.8	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: 13.80 min Scan# 1025

Delta R.T. -0.03 min

Lab File: BF084870.D

Acq: 5 Feb 2016 20:06

Instrument :

BNA_F

ClientSampleId :

EFF-WW

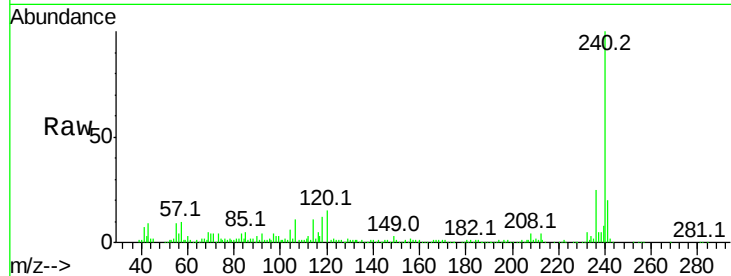
Tot Ion:240 Resp: 347578

Ion Ratio Lower Upper

240 100

120 14.6 9.5 14.3#

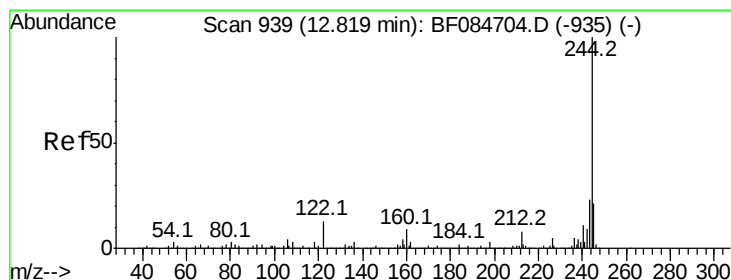
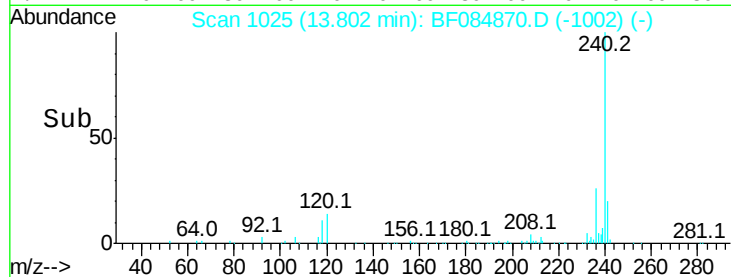
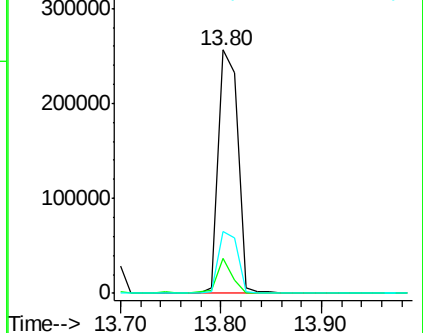
236 25.4 20.6 31.0



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: 88.05 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.03 min

Lab File: BF084870.D

Acq: 5 Feb 2016 20:06

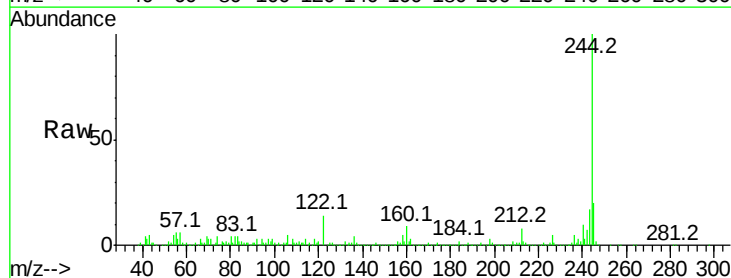
Tgt Ion:244 Resp: 1350499

Ion Ratio Lower Upper

244 100

212 7.7 5.7 8.5

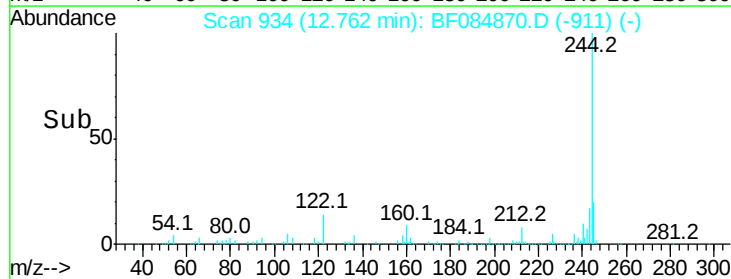
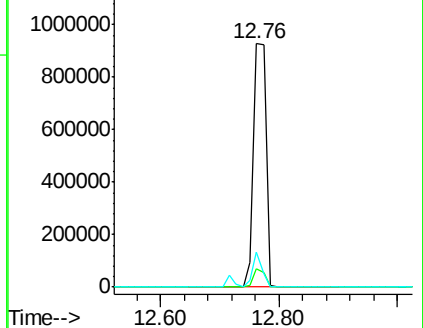
122 14.5 7.4 11.0#

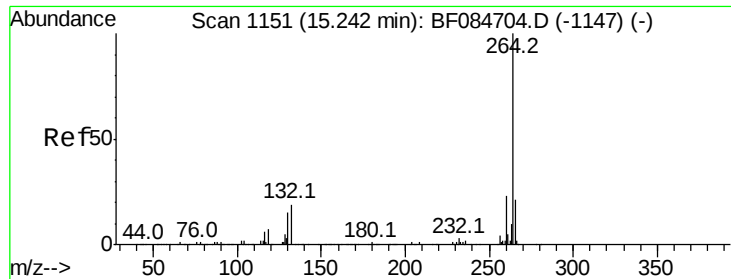


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

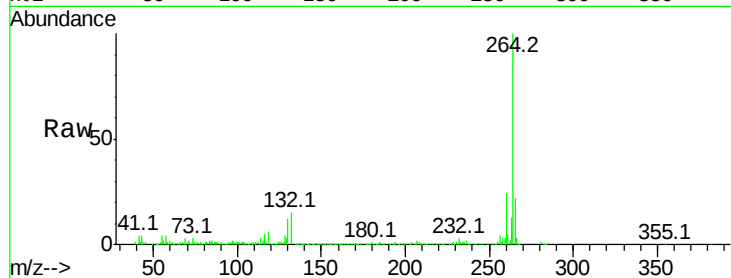




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.17 min Scan# 1145
 Delta R.T. -0.03 min
 Lab File: BF084870.D
 Acq: 5 Feb 2016 20:06

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	21.7	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

