

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
 Data File : BF084868.D
 Acq On : 5 Feb 2016 19:10
 Operator : SJ/IZ
 Sample : H1311-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B018(35-37)

Quant Time: Feb 05 22:57:40 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

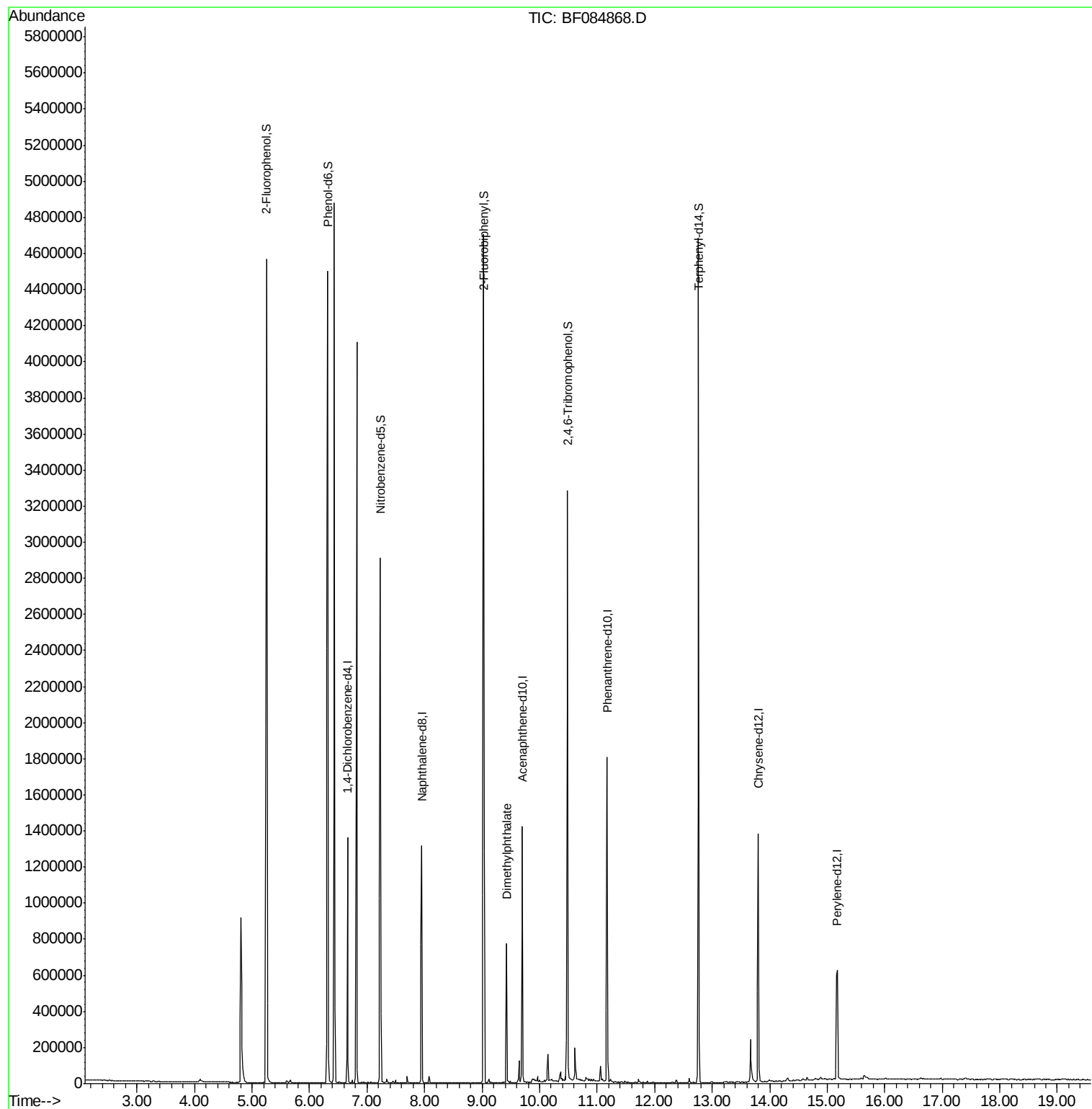
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	181413	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	729163	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	340740	20.00	ng	-0.03
63) Phenanthrene-d10	11.17	188	628084	20.00	ng	-0.03
75) Chrysene-d12	13.80	240	501744	20.00	ng	-0.03
86) Perylene-d12	15.17	264	342358	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1342709	115.28	ng	-0.02
7) Phenol-d6	6.32	99	1695797	117.45	ng	-0.02
23) Nitrobenzene-d5	7.23	82	1003151	77.50	ng	-0.03
41) 2,4,6-Tribromophenol	10.49	330	485716	136.66	ng	-0.03
44) 2-Fluorobiphenyl	9.02	172	1609503	77.10	ng	-0.03
78) Terphenyl-d14	12.76	244	1431380	64.65	ng	-0.03
Target Compounds						
49) Dimethylphthalate	9.42	163	276982	10.67	ng	Qvalue # 90

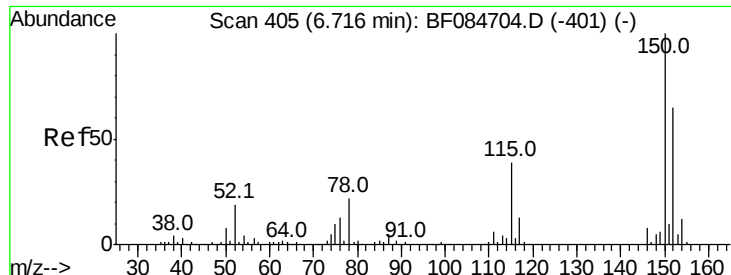
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF084868.D

Acq: 5 Feb 2016 19:10

Instrument :

BNA_F

ClientSampleId :

SUP-B018(35-37)

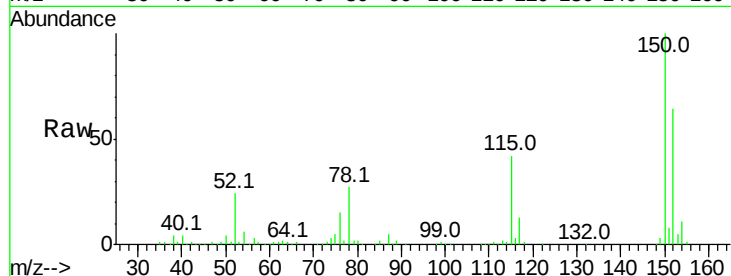
Tot Ion:152 Resp: 181413

Ion Ratio Lower Upper

152 100

150 156.6 123.0 184.4

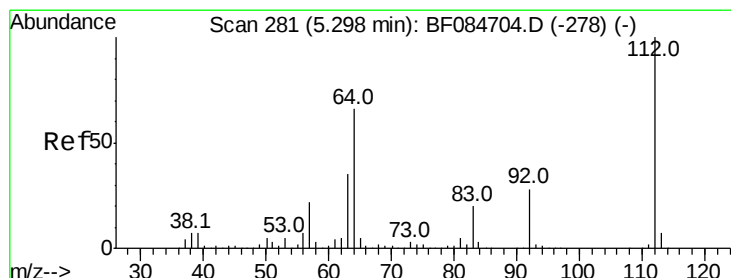
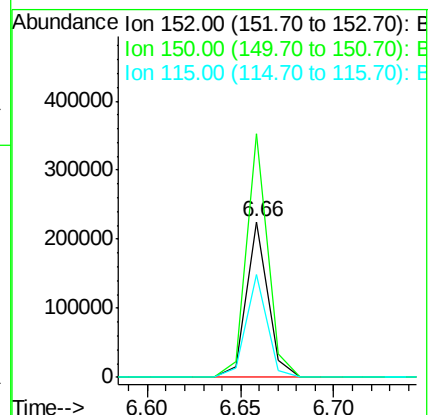
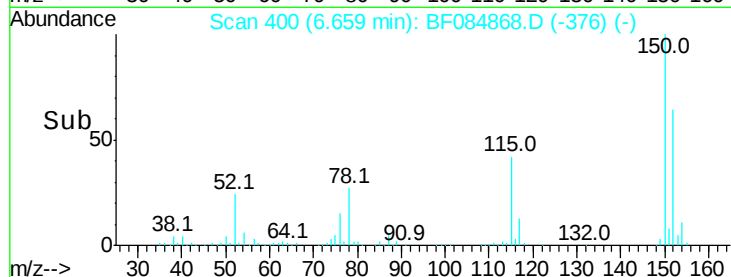
115 66.0 51.4 77.2



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: 115.28 ng

RT: 5.25 min Scan# 277

Delta R.T. -0.02 min

Lab File: BF084868.D

Acq: 5 Feb 2016 19:10

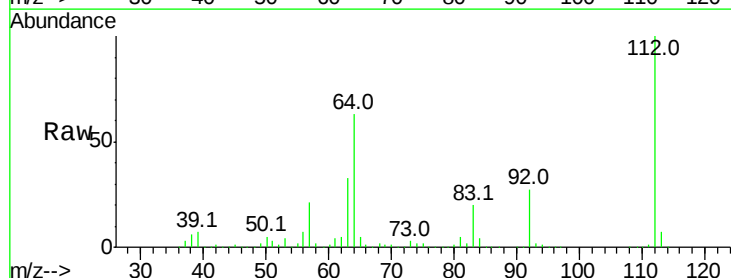
Tgt Ion:112 Resp: 1342709

Ion Ratio Lower Upper

112 100

64 63.5 36.6 55.0#

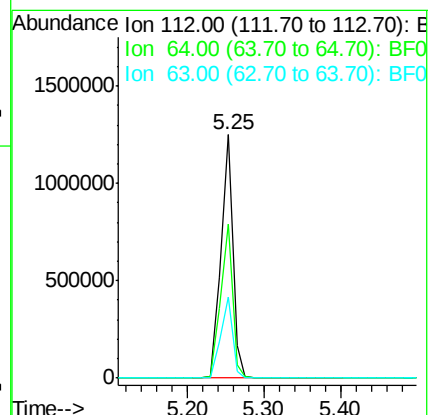
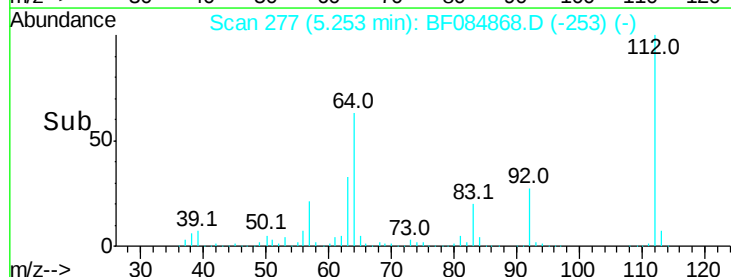
63 33.1 19.4 29.0#

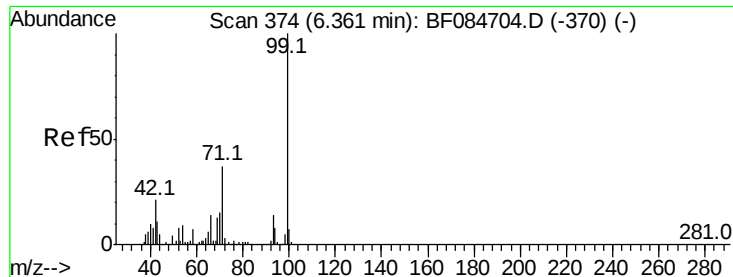


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 117.45 ng

RT: 6.32 min Scan# 370

Delta R.T. -0.02 min

Lab File: BF084868.D

Acq: 5 Feb 2016 19:10

Instrument :

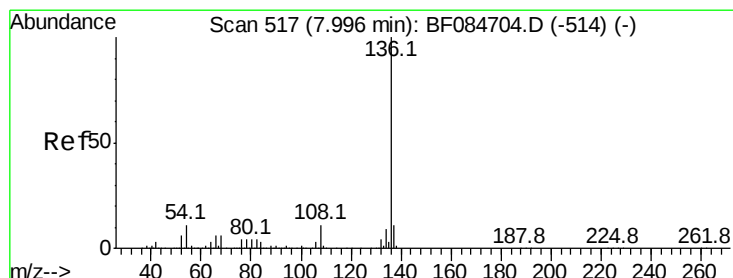
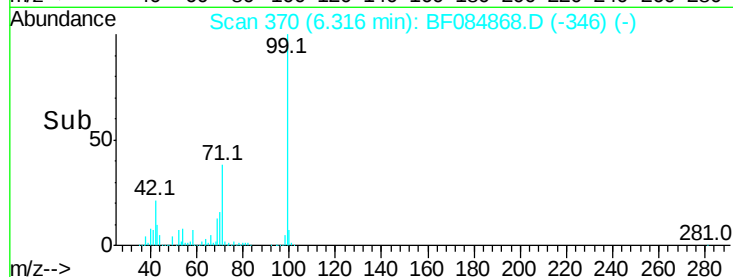
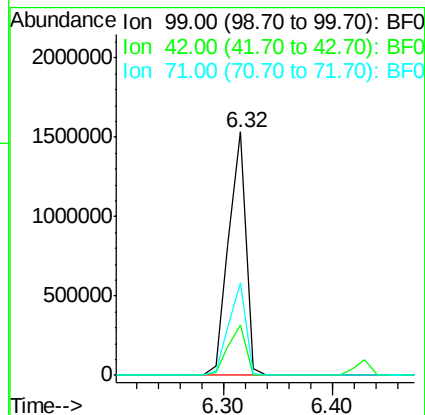
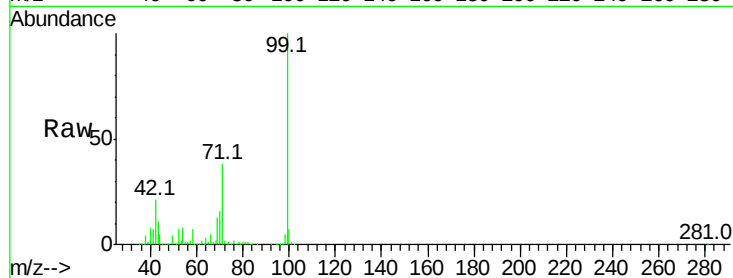
BNA_F

ClientSampleId :

SUP-B018(35-37)

Tot Ion: 99 Resp: 1695797

Ion	Ratio	Lower	Upper
99	100		
42	20.6	12.8	19.2#
71	37.8	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 513

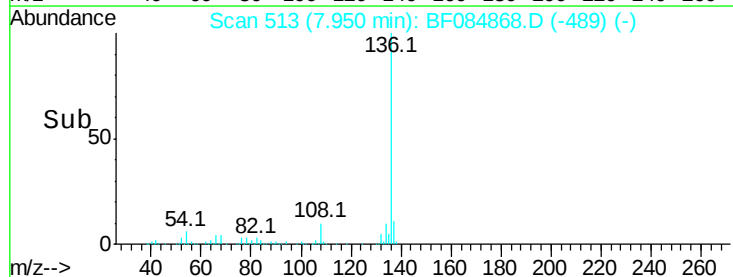
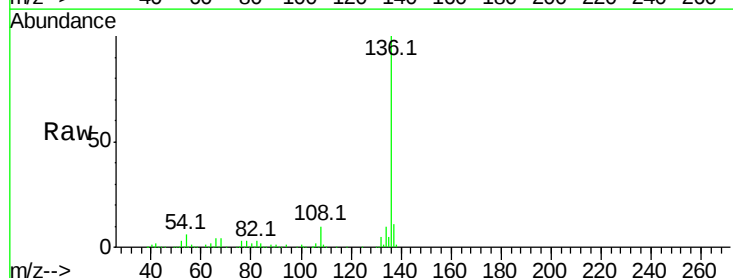
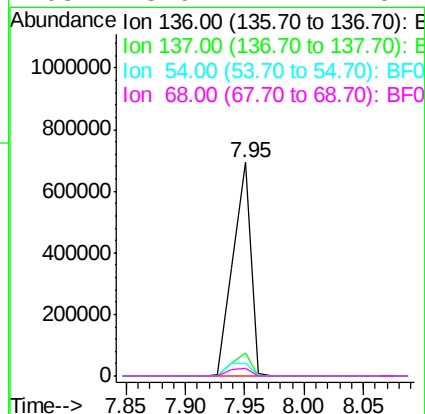
Delta R.T. -0.02 min

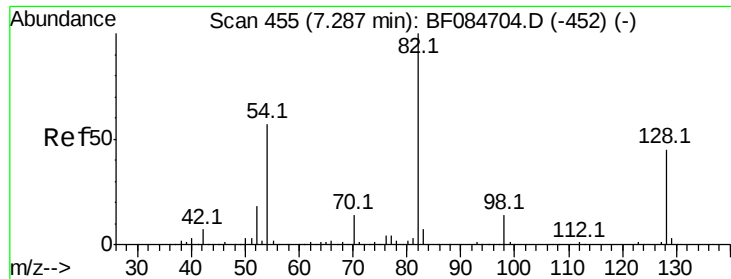
Lab File: BF084868.D

Acq: 5 Feb 2016 19:10

Tgt Ion: 136 Resp: 729163

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.3	5.8	8.8
68	3.6	4.2	6.2#



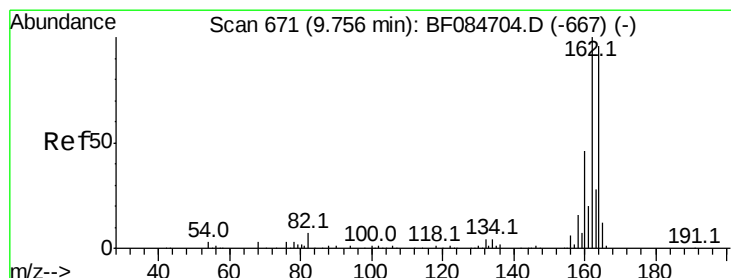
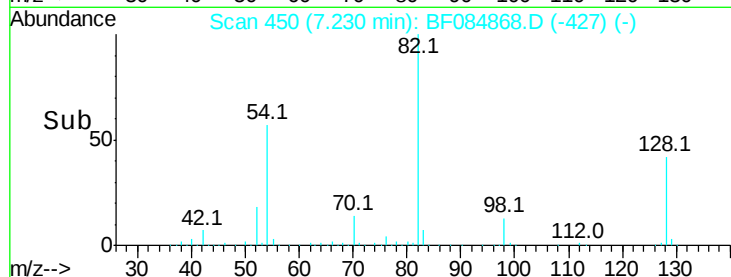
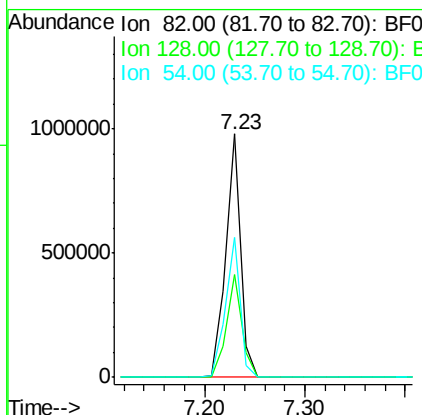
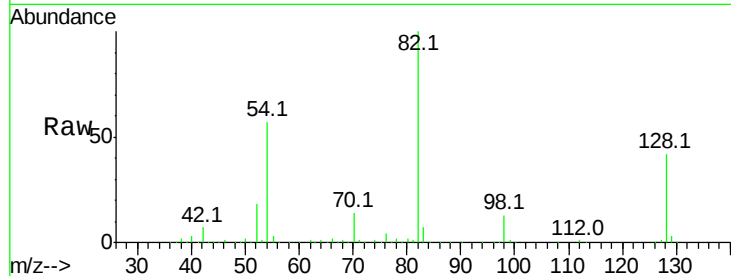


#23
 Nitrobenzene-d5
 Concen: 77.50 ng
 RT: 7.23 min Scan# 450
 Delta R.T. -0.03 min
 Lab File: BF084868.D
 Acq: 5 Feb 2016 19:10

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B018(35-37)

Tot Ion: 82 Resp: 1003151

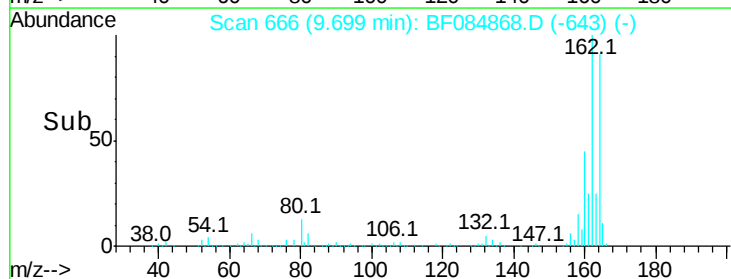
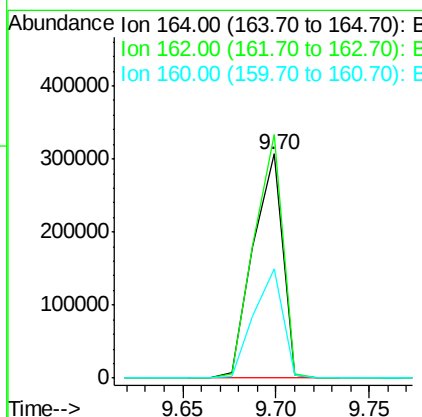
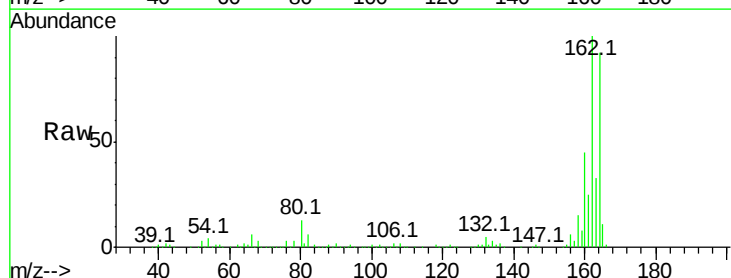
Ion	Ratio	Lower	Upper
82	100		
128	42.2	34.6	51.8
54	57.5	38.4	57.6

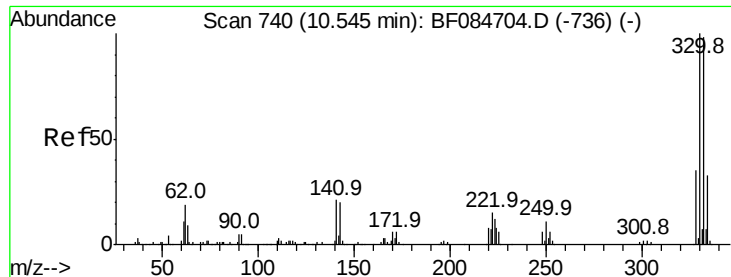


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 666
 Delta R.T. -0.03 min
 Lab File: BF084868.D
 Acq: 5 Feb 2016 19:10

Tgt Ion:164 Resp: 340740

Ion	Ratio	Lower	Upper
164	100		
162	108.5	85.1	127.7
160	48.9	37.5	56.3

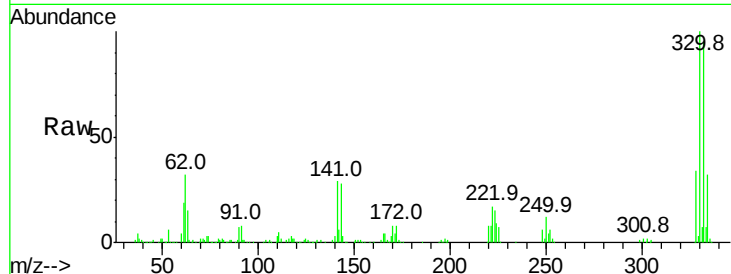




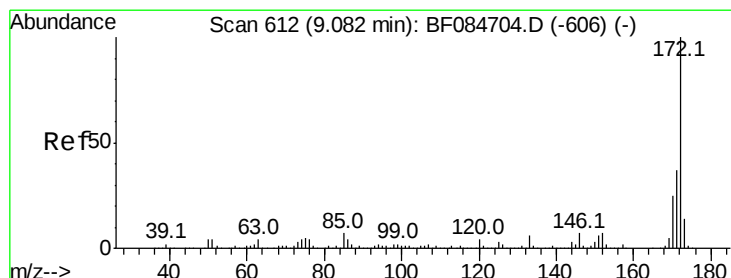
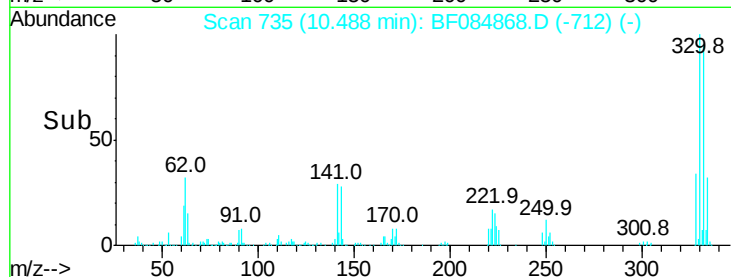
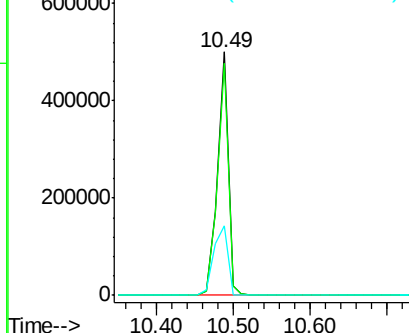
#41
 2,4,6-Tribromophenol
 Concen: 136.66 ng
 RT: 10.49 min Scan# 735
 Delta R.T. -0.03 min
 Lab File: BF084868.D
 Acq: 5 Feb 2016 19:10

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B018(35-37)

Tot Ion:330 Resp: 485716
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 114.8
 141 37.5 27.8 41.6

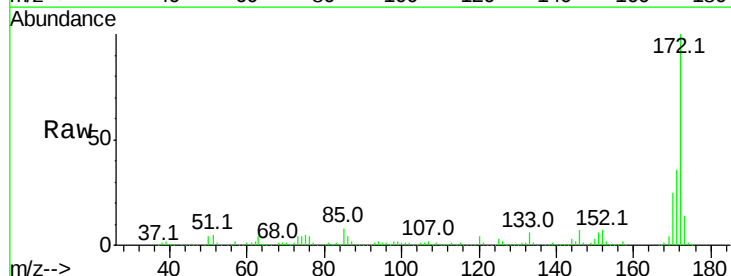


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

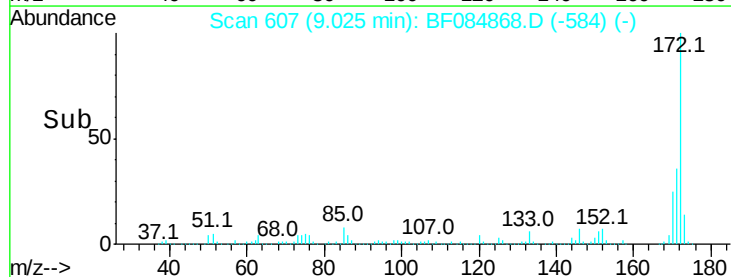
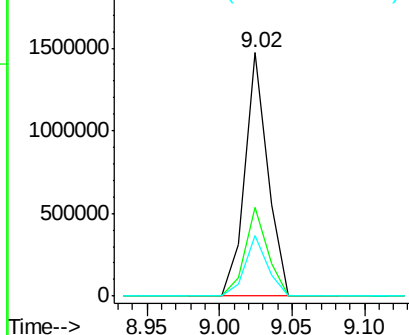


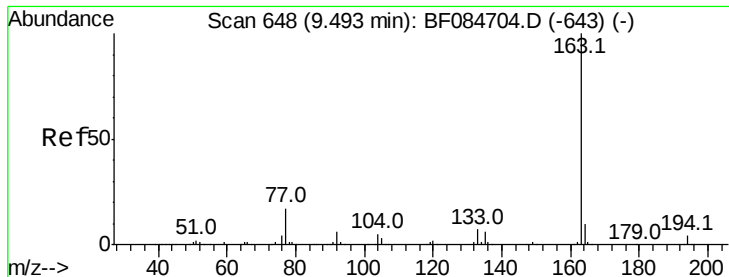
#44
 2-Fluorobiphenyl
 Concen: 77.10 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.03 min
 Lab File: BF084868.D
 Acq: 5 Feb 2016 19:10

Tgt Ion:172 Resp: 1609503
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.9 43.3
 170 24.8 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





#49

Dimethylphthalate

Concen: 10.67 ng

RT: 9.42 min Scan# 642

Delta R.T. -0.05 min

Lab File: BF084868.D

Acq: 5 Feb 2016 19:10

Instrument :

BNA_F

ClientSampleId :

SUP-B018(35-37)

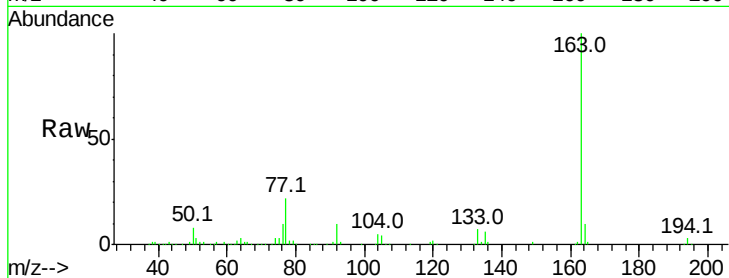
Tot Ion:163 Resp: 276982

Ion Ratio Lower Upper

163 100

194 3.1 8.0 12.0#

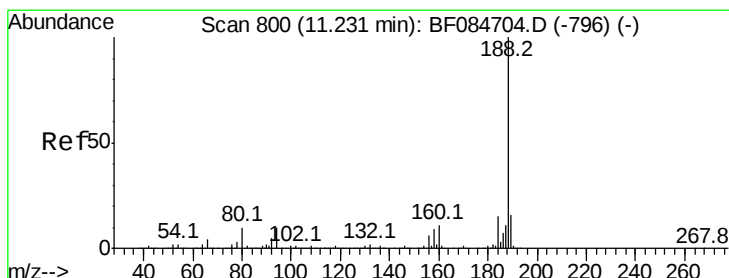
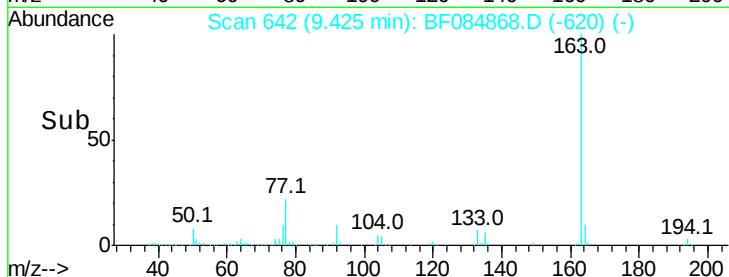
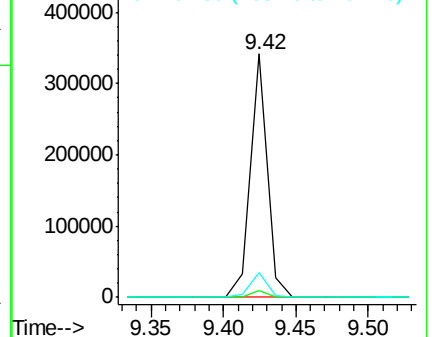
164 10.2 8.0 12.0



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: BF084868.D

Acq: 5 Feb 2016 19:10

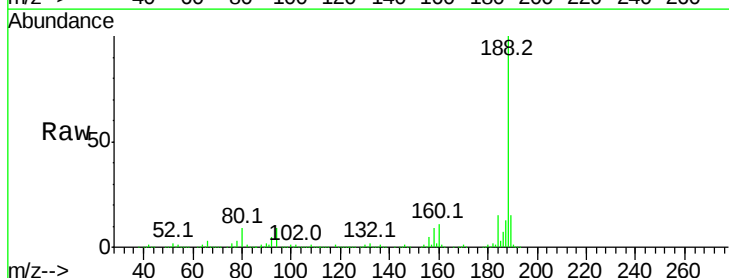
Tgt Ion:188 Resp: 628084

Ion Ratio Lower Upper

188 100

94 8.6 9.0 13.4#

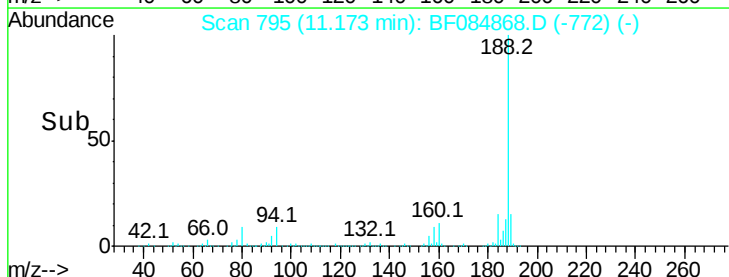
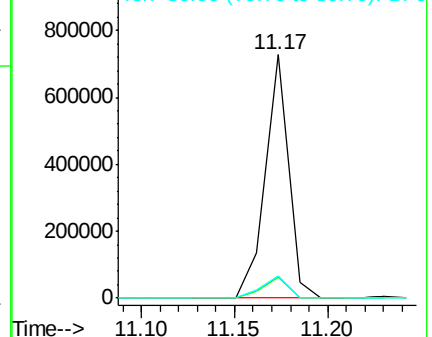
80 8.9 9.6 14.4#

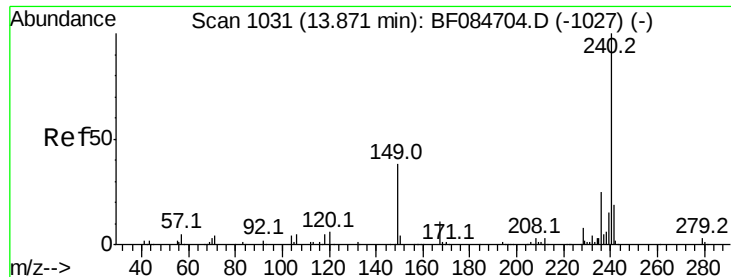


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.80 min Scan# 1025

Delta R.T. -0.03 min

Lab File: BF084868.D

Acq: 5 Feb 2016 19:10

Instrument :

BNA_F

ClientSampleId :

SUP-B018(35-37)

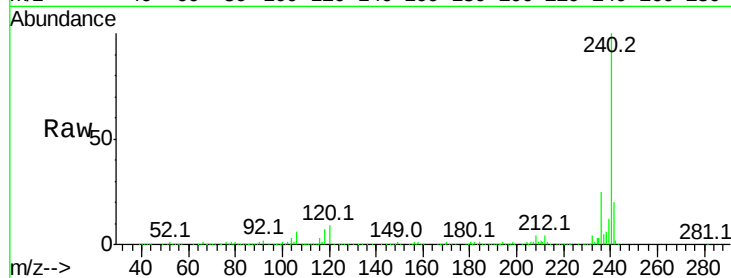
Tot Ion:240 Resp: 501744

Ion Ratio Lower Upper

240 100

120 8.6 9.5 14.3#

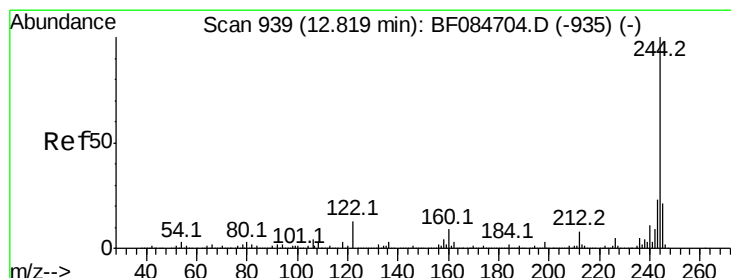
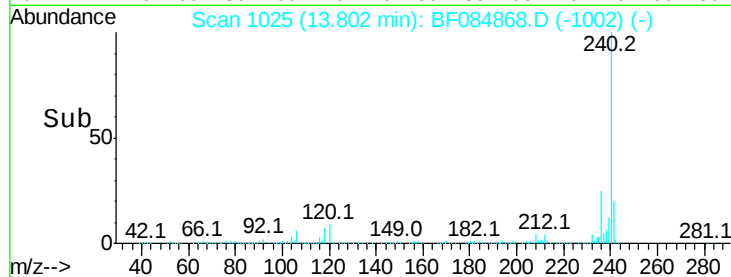
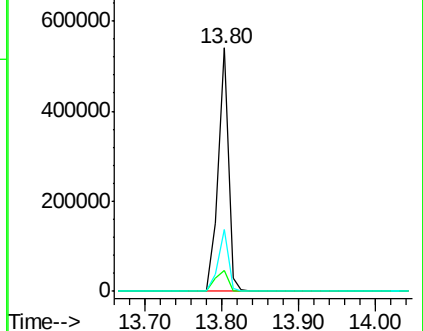
236 25.3 20.6 31.0



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: 64.65 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.03 min

Lab File: BF084868.D

Acq: 5 Feb 2016 19:10

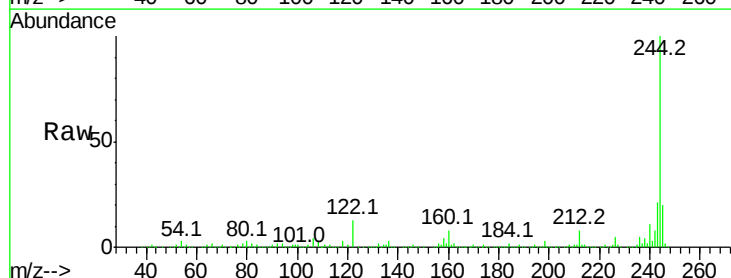
Tgt Ion:244 Resp: 1431380

Ion Ratio Lower Upper

244 100

212 7.6 5.7 8.5

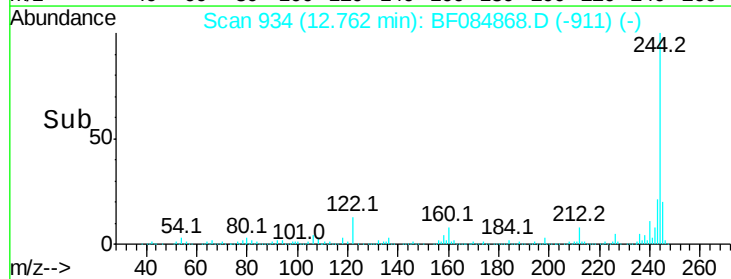
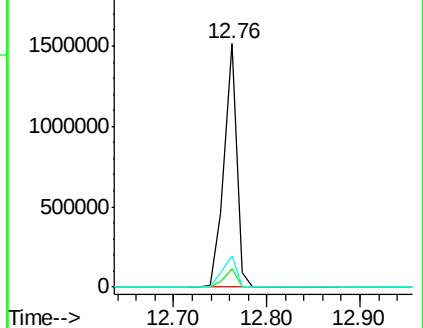
122 12.7 7.4 11.0#

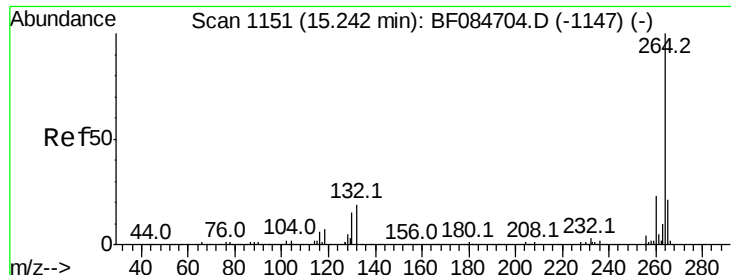


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

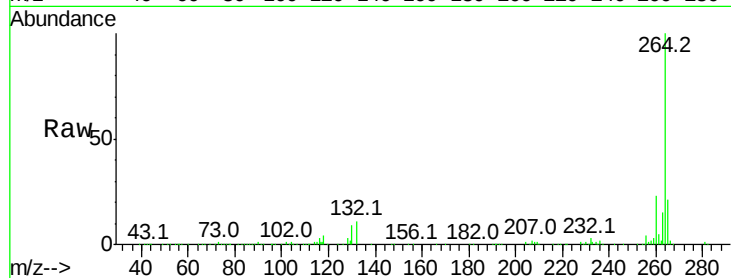




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1145
Delta R.T. -0.03 min
Lab File: BF084868.D
Acq: 5 Feb 2016 19:10

Instrument :
BNA_F
ClientSampleId :
SUP-B018(35-37)

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.4	29.2
265	20.9	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

