

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
 Data File : BF084855.D
 Acq On : 5 Feb 2016 13:08
 Operator : SJ/IZ
 Sample : H1320-20
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B019(15-17)

Quant Time: Feb 05 22:18:16 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

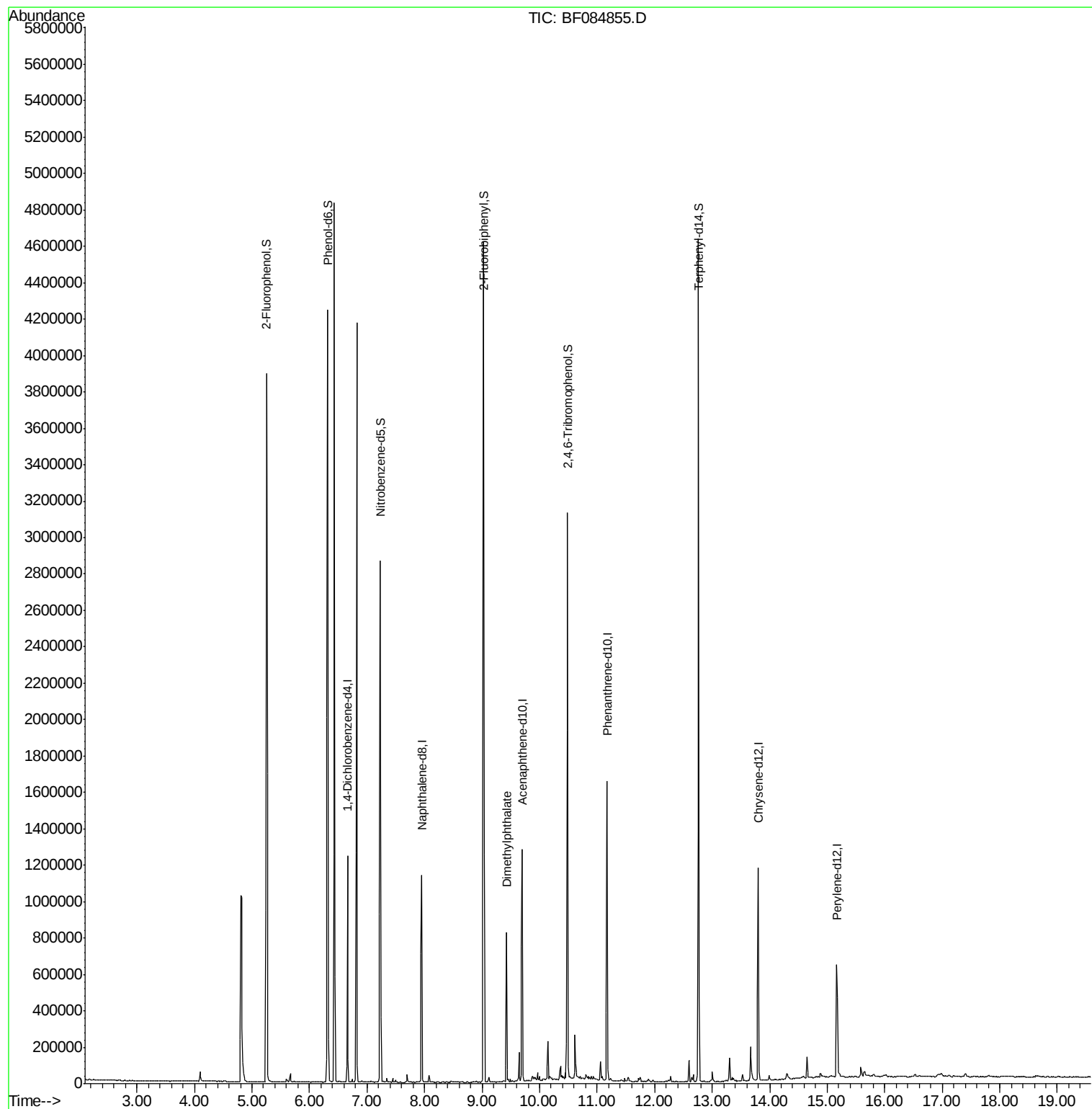
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	160321	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	643984	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	301310	20.00	ng	-0.03
63) Phenanthrene-d10	11.17	188	572696	20.00	ng	-0.03
75) Chrysene-d12	13.80	240	431757	20.00	ng	-0.03
86) Perylene-d12	15.16	264	302153	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1305807	126.87	ng	-0.02
7) Phenol-d6	6.32	99	1542745	120.90	ng	-0.02
23) Nitrobenzene-d5	7.23	82	952948	83.36	ng	-0.03
41) 2,4,6-Tribromophenol	10.49	330	447033	142.24	ng	-0.03
44) 2-Fluorobiphenyl	9.02	172	1544229	86.98	ng	-0.03
78) Terphenyl-d14	12.76	244	1424299	74.75	ng	-0.03
Target Compounds						
49) Dimethylphthalate	9.42	163	292254	12.73	ng	Qvalue # 90

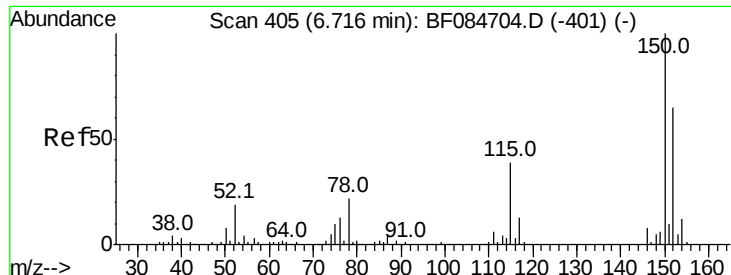
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF084855.D

Acq: 5 Feb 2016 13:08

Instrument :

BNA_F

ClientSampleId :

S4-B019(15-17)

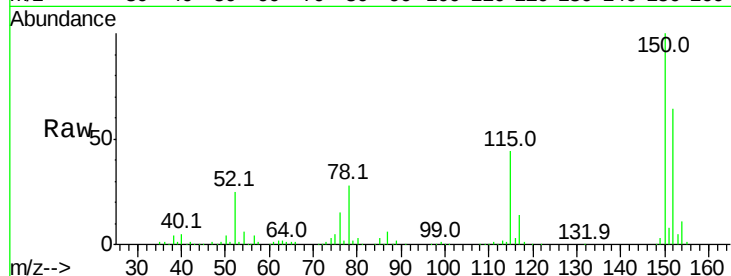
Tot Ion:152 Resp: 160321

Ion Ratio Lower Upper

152 100

150 157.0 123.0 184.4

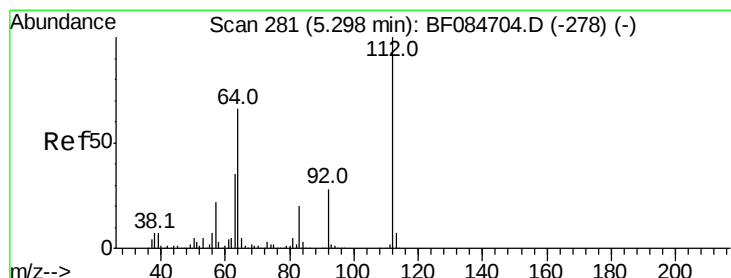
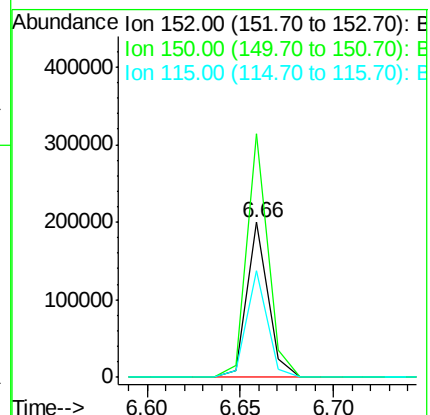
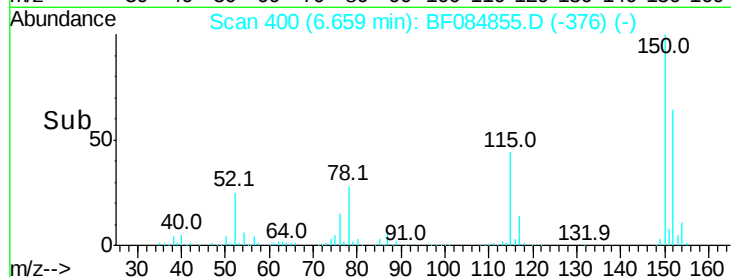
115 69.2 51.4 77.2



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: 126.87 ng

RT: 5.25 min Scan# 277

Delta R.T. -0.02 min

Lab File: BF084855.D

Acq: 5 Feb 2016 13:08

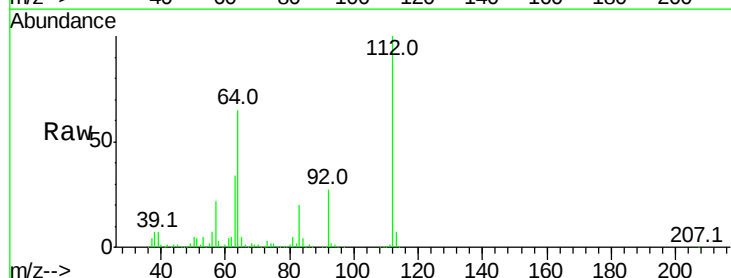
Tgt Ion:112 Resp: 1305807

Ion Ratio Lower Upper

112 100

64 65.1 36.6 55.0#

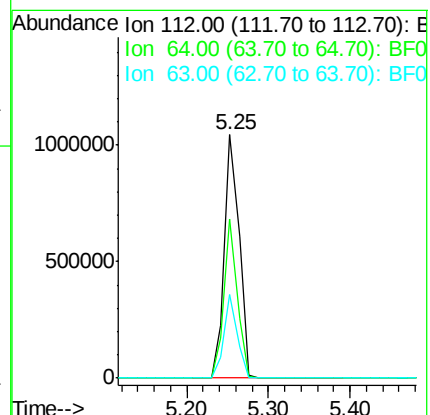
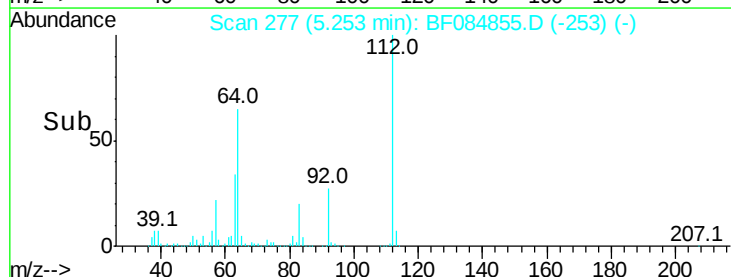
63 34.1 19.4 29.0#

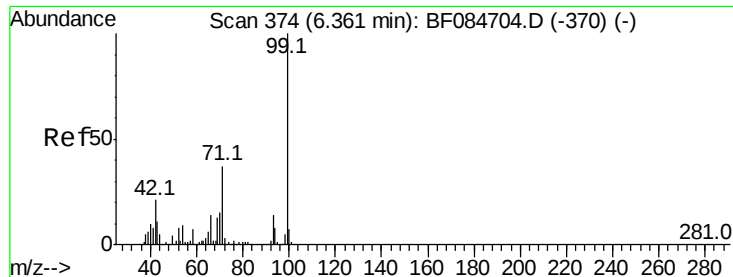


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 120.90 ng

RT: 6.32 min Scan# 370

Delta R.T. -0.02 min

Lab File: BF084855.D

Acq: 5 Feb 2016 13:08

Instrument :

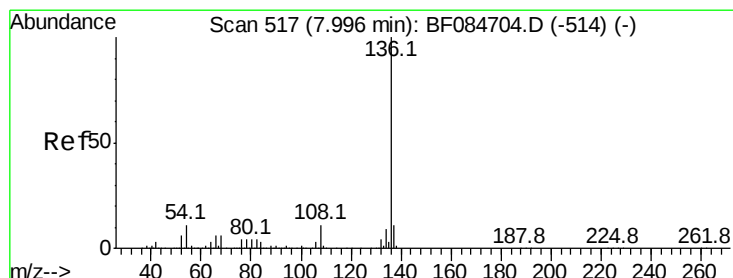
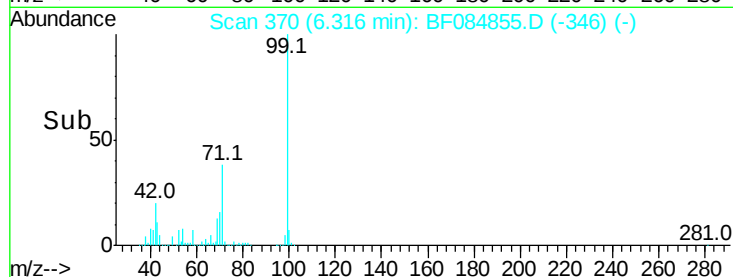
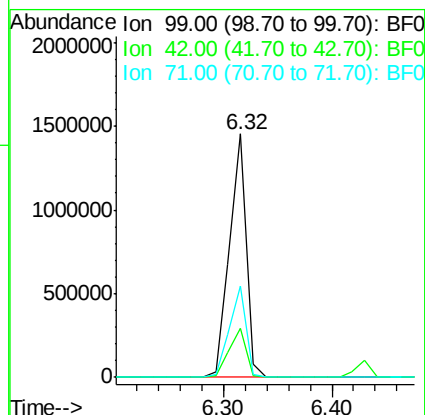
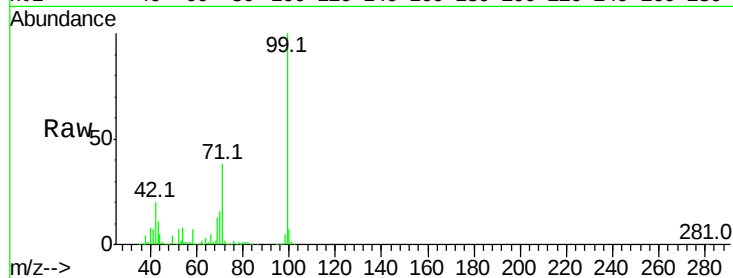
BNA_F

ClientSampleId :

S4-B019(15-17)

Tot Ion: 99 Resp: 1542745

Ion	Ratio	Lower	Upper
99	100		
42	20.3	12.8	19.2#
71	37.8	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 513

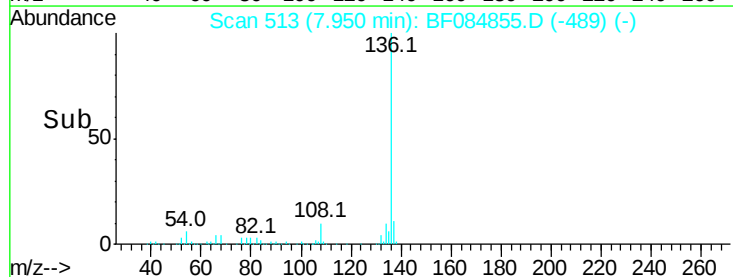
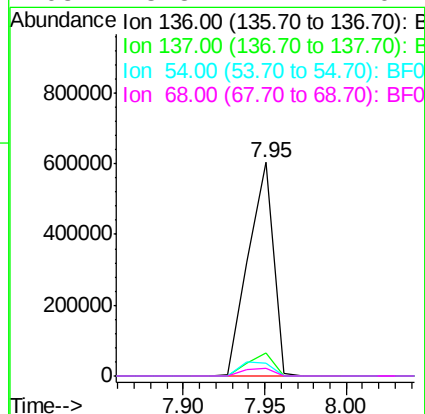
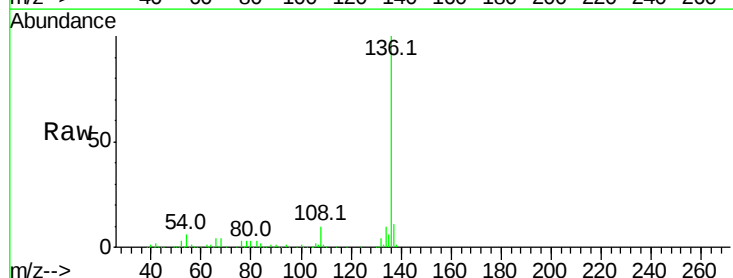
Delta R.T. -0.02 min

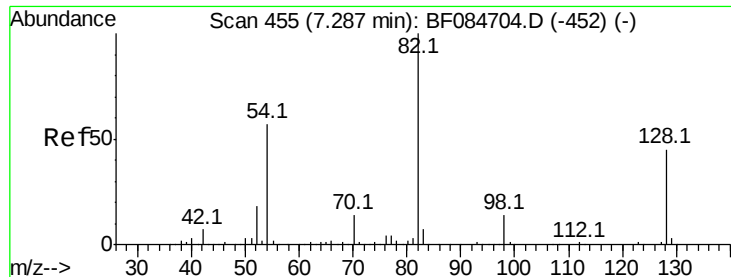
Lab File: BF084855.D

Acq: 5 Feb 2016 13:08

Tgt Ion: 136 Resp: 643984

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	6.3	5.8	8.8
68	3.8	4.2	6.2#

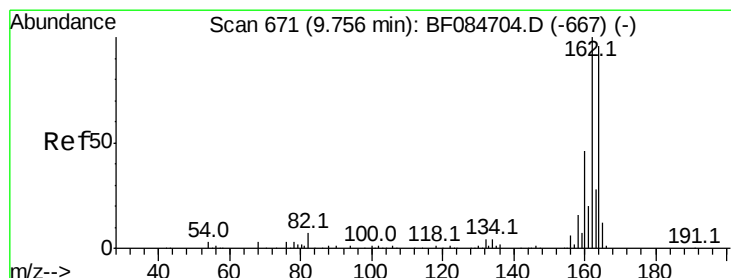
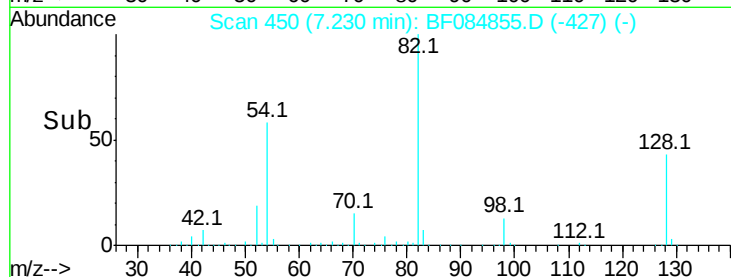
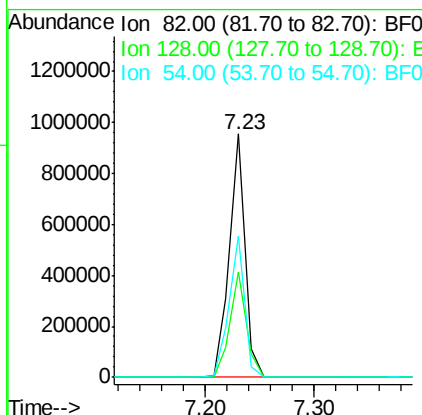
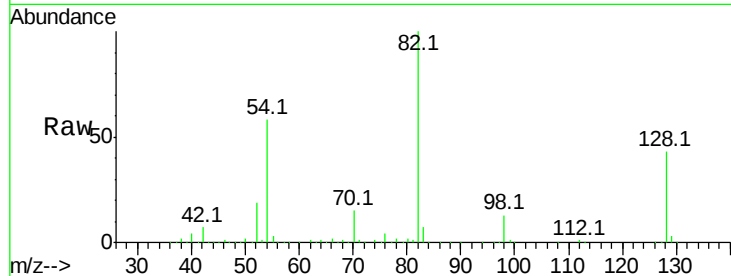




#23
 Nitrobenzene-d5
 Concen: 83.36 ng
 RT: 7.23 min Scan# 450
 Delta R.T. -0.03 min
 Lab File: BF084855.D
 Acq: 5 Feb 2016 13:08

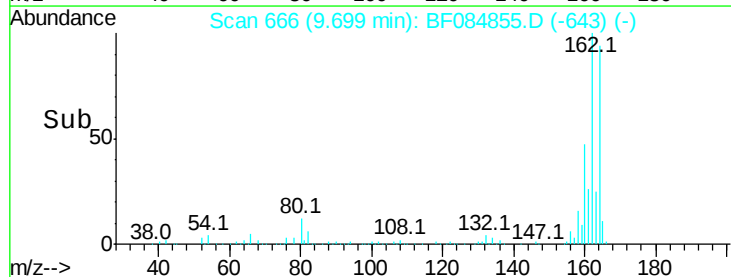
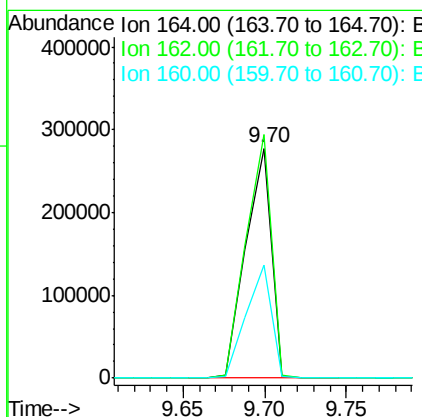
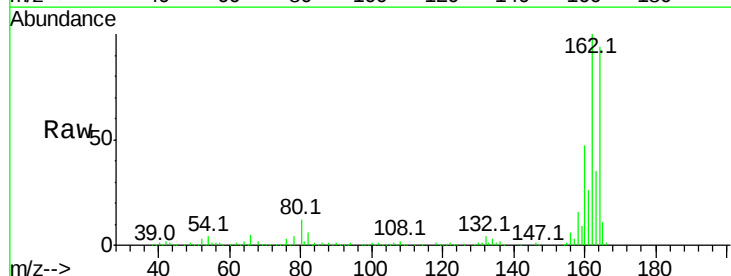
Instrument :
 BNA_F
 ClientSampleId :
 S4-B019(15-17)

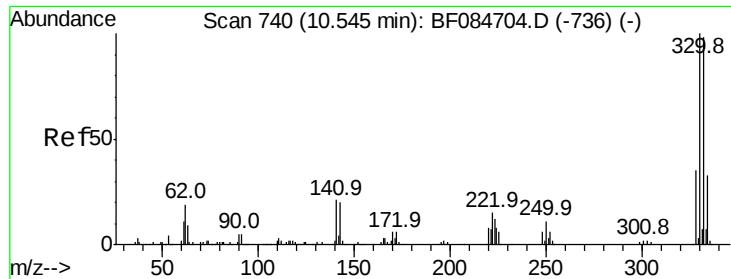
Tot Ion: 82 Resp: 952948
 Ion Ratio Lower Upper
 82 100
 128 43.4 34.6 51.8
 54 57.8 38.4 57.6#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 666
 Delta R.T. -0.03 min
 Lab File: BF084855.D
 Acq: 5 Feb 2016 13:08

Tgt Ion:164 Resp: 301310
 Ion Ratio Lower Upper
 164 100
 162 105.8 85.1 127.7
 160 49.4 37.5 56.3

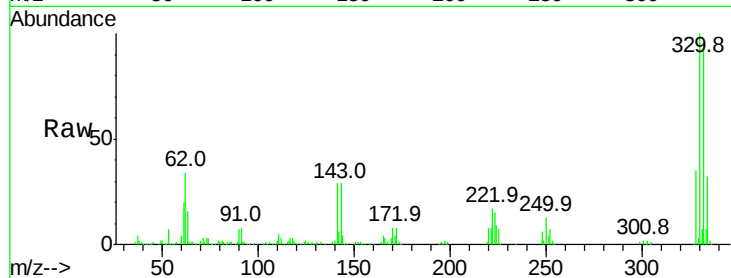




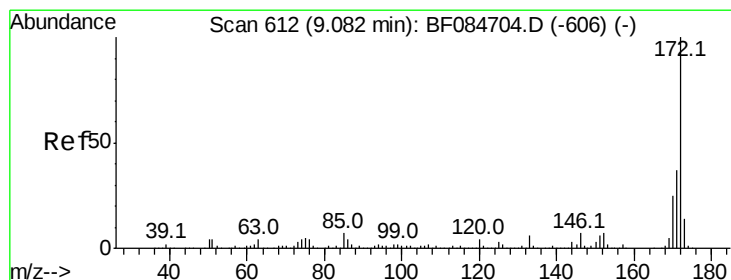
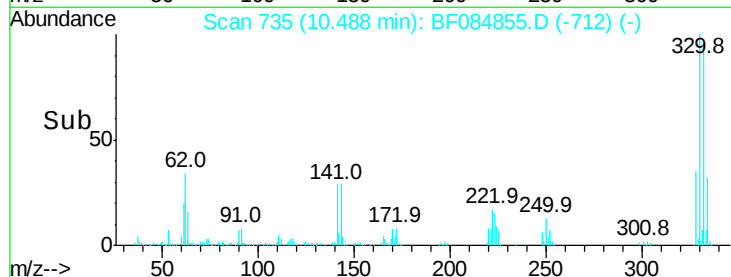
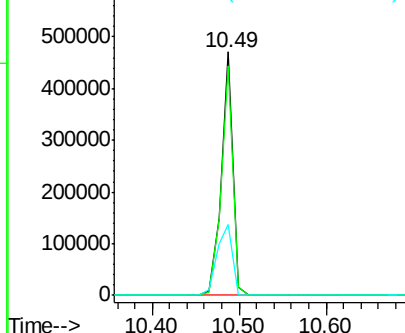
#41
 2,4,6-Tribromophenol
 Concen: 142.24 ng
 RT: 10.49 min Scan# 735
 Delta R.T. -0.03 min
 Lab File: BF084855.D
 Acq: 5 Feb 2016 13:08

Instrument :
 BNA_F
 ClientSampleId :
 S4-B019(15-17)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.6	114.8
141	38.5	27.8	41.6

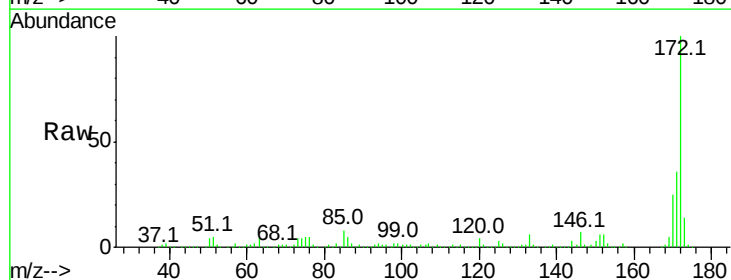


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

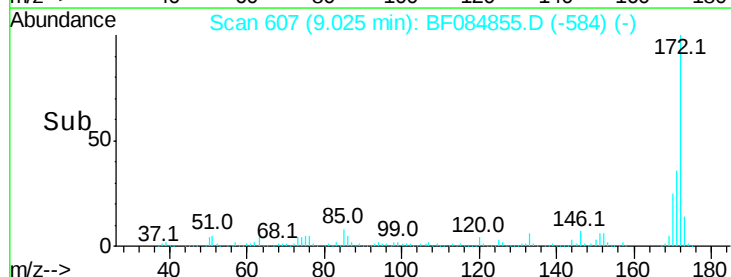
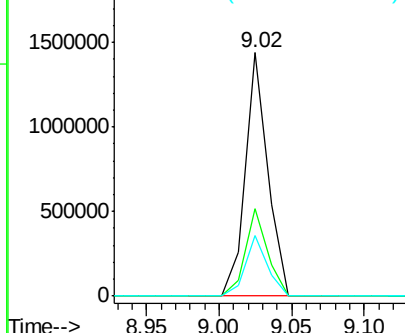


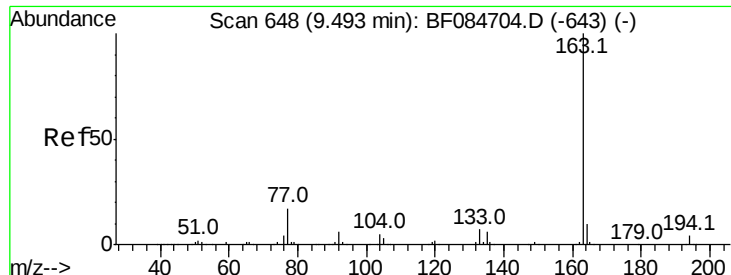
#44
 2-Fluorobiphenyl
 Concen: 86.98 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.03 min
 Lab File: BF084855.D
 Acq: 5 Feb 2016 13:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.9	43.3
170	25.0	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

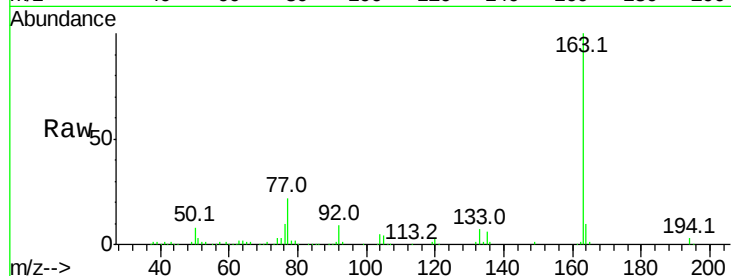




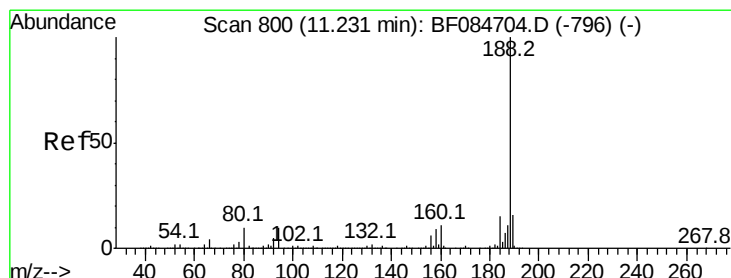
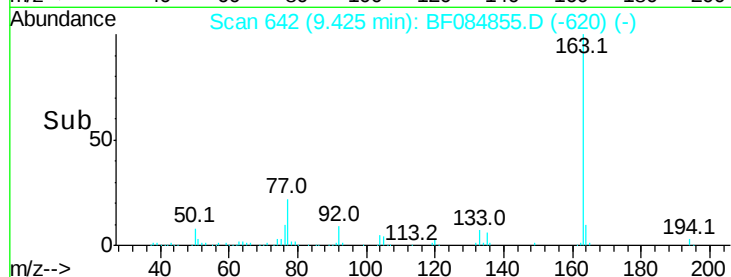
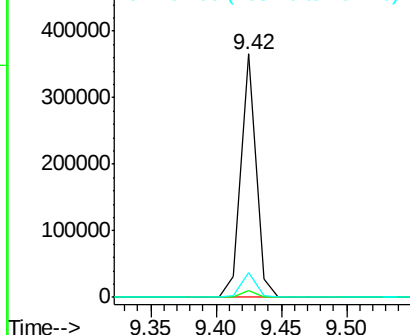
#49
Dimethylphthalate
Concen: 12.73 ng
RT: 9.42 min Scan# 642
Delta R.T. -0.05 min
Lab File: BF084855.D
Acq: 5 Feb 2016 13:08

Instrument :
BNA_F
ClientSampleId :
S4-B019(15-17)

Tot Ion	Ratio	Lower	Upper
163	100		
194	2.9	8.0	12.0#
164	10.3	8.0	12.0

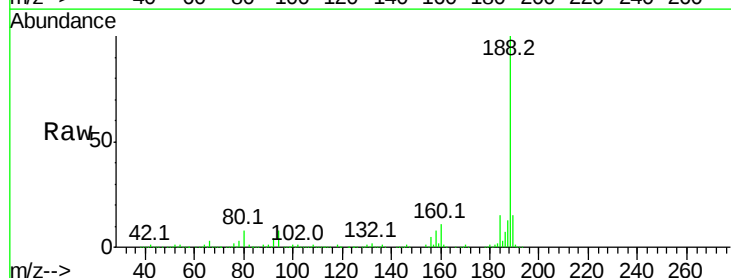


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

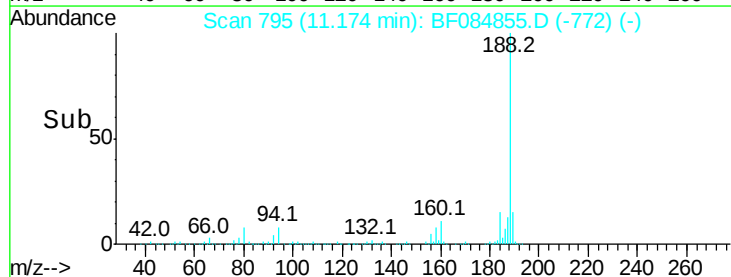
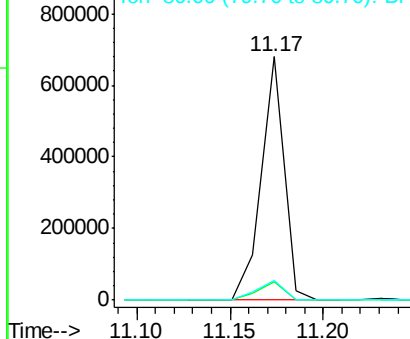


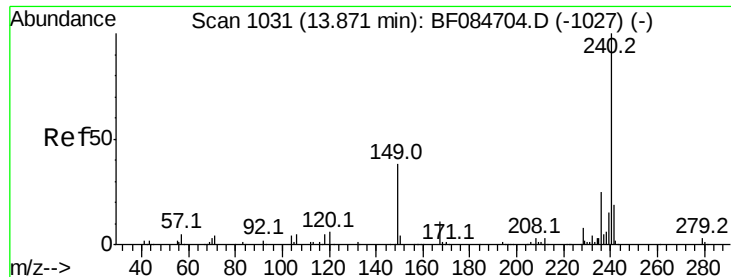
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 795
Delta R.T. -0.03 min
Lab File: BF084855.D
Acq: 5 Feb 2016 13:08

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.6	9.0	13.4#
80	8.0	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: 13.80 min Scan# 1025

Delta R.T. -0.03 min

Lab File: BF084855.D

Acq: 5 Feb 2016 13:08

Instrument :

BNA_F

ClientSampleId :

S4-B019(15-17)

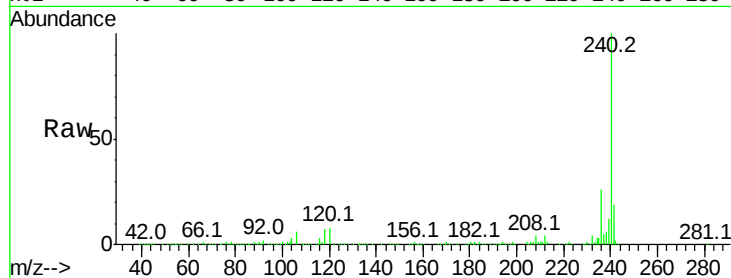
Tot Ion:240 Resp: 431757

Ion Ratio Lower Upper

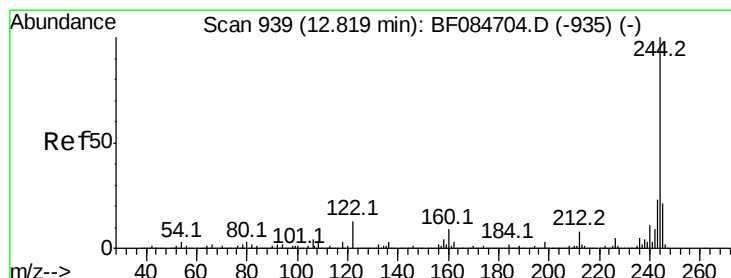
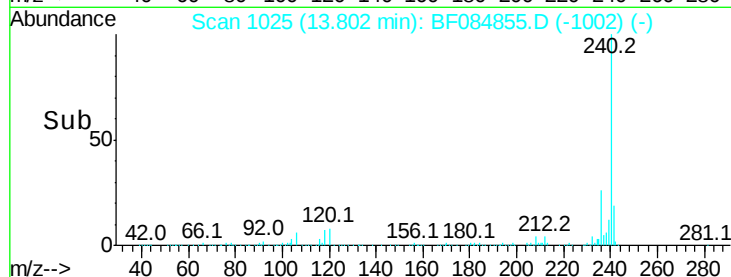
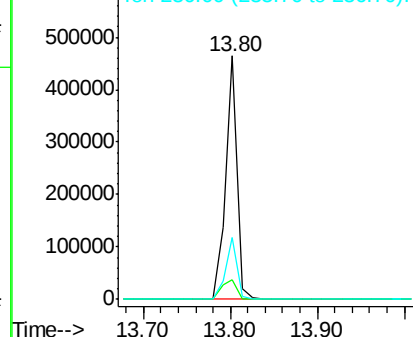
240 100

120 8.2 9.5 14.3#

236 25.6 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: 74.75 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.03 min

Lab File: BF084855.D

Acq: 5 Feb 2016 13:08

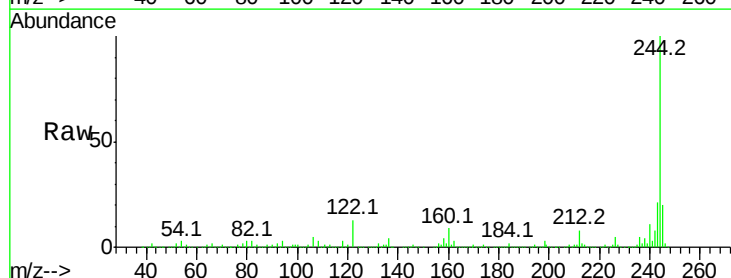
Tgt Ion:244 Resp: 1424299

Ion Ratio Lower Upper

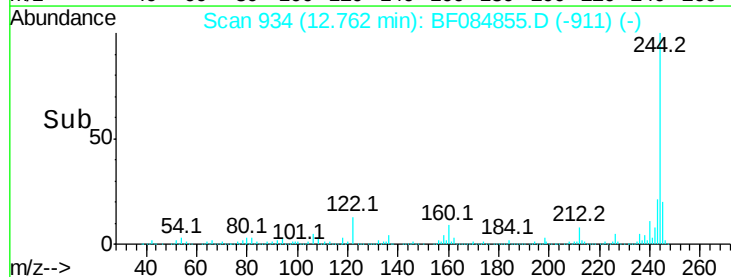
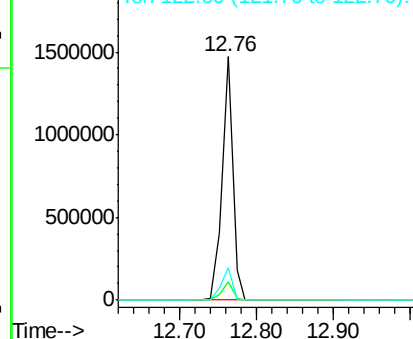
244 100

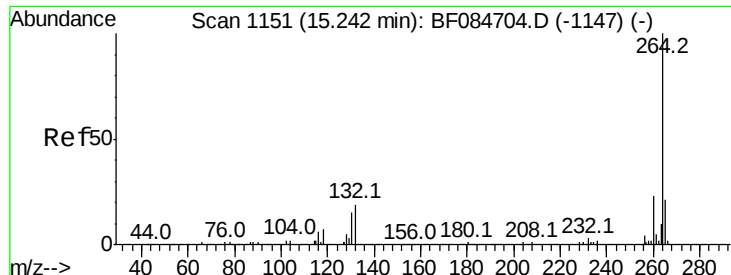
212 7.7 5.7 8.5

122 13.3 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

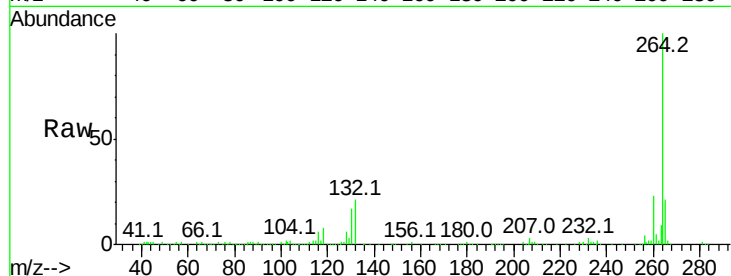




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.16 min Scan# 1144
 Delta R.T. -0.05 min
 Lab File: BF084855.D
 Acq: 5 Feb 2016 13:08

Instrument :
 BNA_F
 ClientSampleId :
 S4-B019(15-17)

Tot Ion:	264	Resp:	302153
Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.4	29.2
265	21.2	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

