

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020916\
 Data File : BF084959.D
 Acq On : 9 Feb 2016 18:34
 Operator : SJ/IZ
 Sample : H1386-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B001(15-17)

Quant Time: Feb 10 04:15:35 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

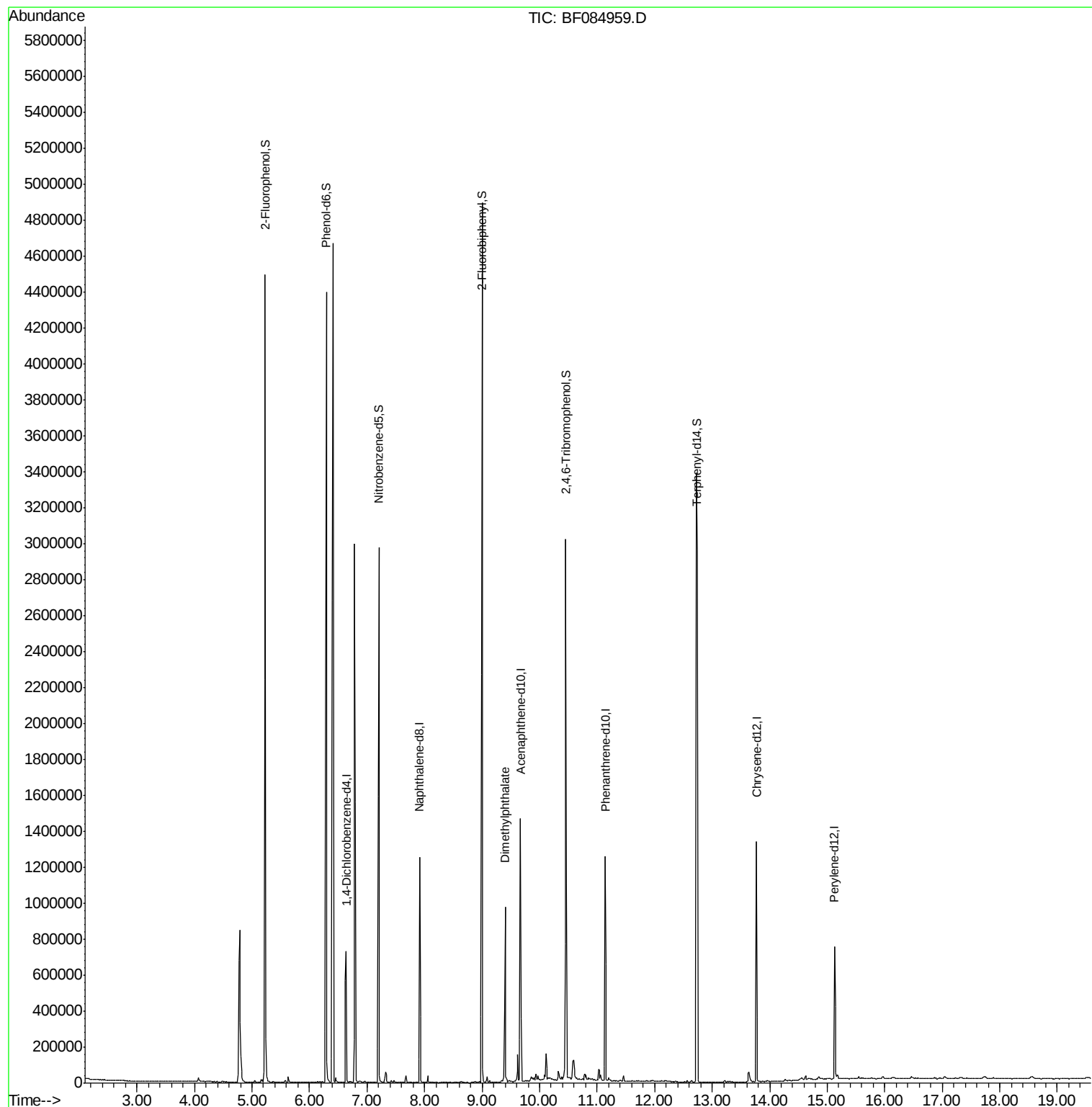
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	146446	20.00	ng	-0.05
21) Naphthalene-d8	7.92	136	591707	20.00	ng	-0.06
38) Acenaphthene-d10	9.66	164	300089	20.00	ng	-0.07
63) Phenanthrene-d10	11.14	188	543392	20.00	ng	-0.07
75) Chrysene-d12	13.77	240	460886	20.00	ng	-0.07
86) Perylene-d12	15.13	264	333480	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1336947	142.20	ng	-0.05
7) Phenol-d6	6.29	99	1698134	145.69	ng	-0.05
23) Nitrobenzene-d5	7.21	82	1107495	105.44	ng	-0.06
41) 2,4,6-Tribromophenol	10.45	330	434958	138.96	ng	-0.07
44) 2-Fluorobiphenyl	9.00	172	1694284	101.84	ng	-0.06
78) Terphenyl-d14	12.74	244	1591907	78.27	ng	-0.06
Target Compounds						
49) Dimethylphthalate	9.40	163	439212	19.22	ng	Qvalue # 91

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

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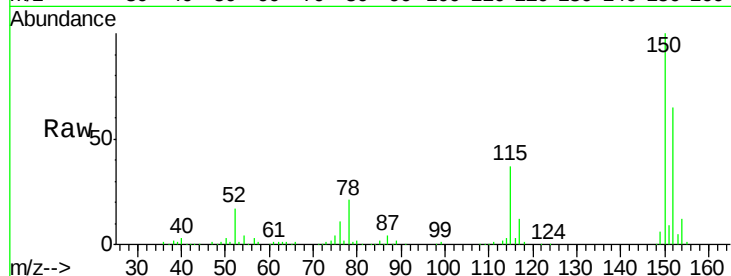


#1

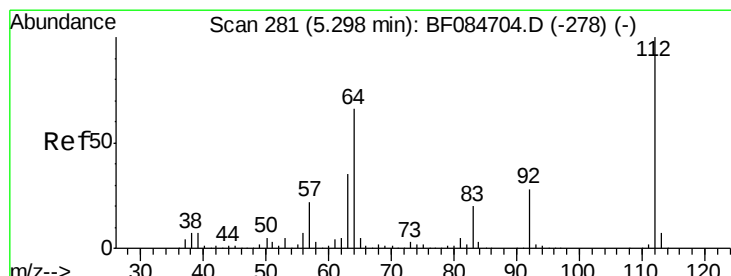
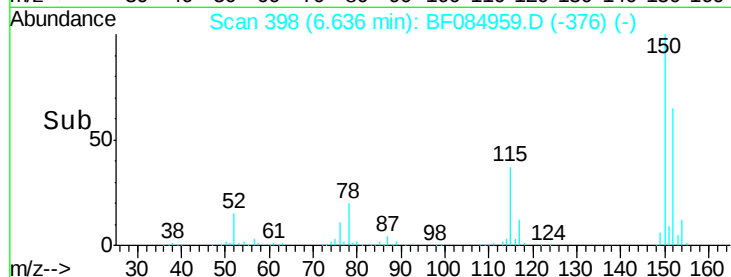
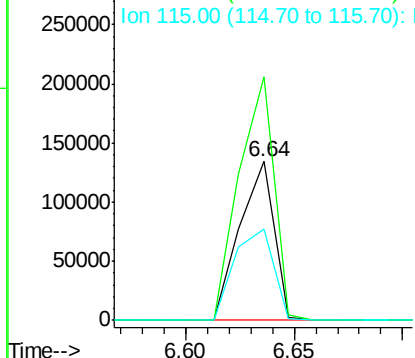
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.64 min Scan# 398
 Delta R.T. -0.05 min
 Lab File: BF084959.D
 Acq: 9 Feb 2016 18:34

Instrument :
 BNA_F
 ClientSampleId :
 S4-B001(15-17)

Tot Ion:152 Resp: 146446
 Ion Ratio Lower Upper
 152 100
 150 153.2 123.0 184.4
 115 57.2 51.4 77.2



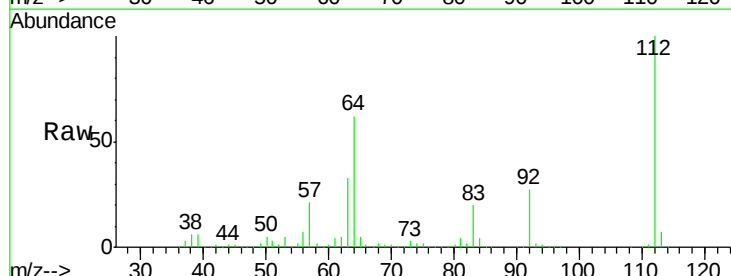
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



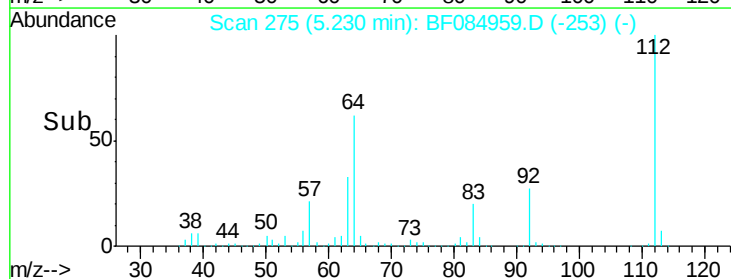
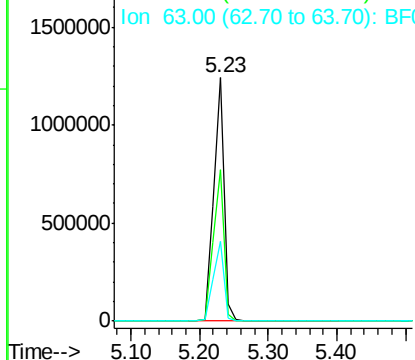
#5

2-Fluorophenol
 Concen: 142.20 ng
 RT: 5.23 min Scan# 275
 Delta R.T. -0.05 min
 Lab File: BF084959.D
 Acq: 9 Feb 2016 18:34

Tgt Ion:112 Resp: 1336947
 Ion Ratio Lower Upper
 112 100
 64 62.0 36.6 55.0#
 63 32.9 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: 145.69 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.05 min

Lab File: BF084959.D

Acq: 9 Feb 2016 18:34

Instrument :

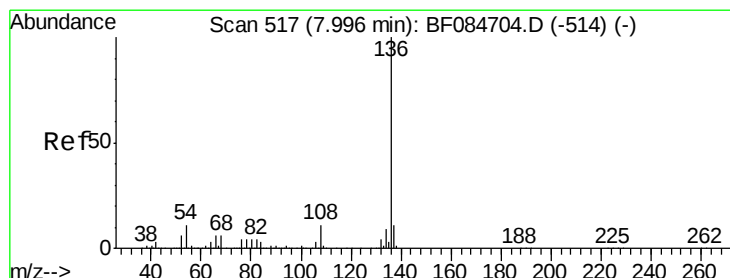
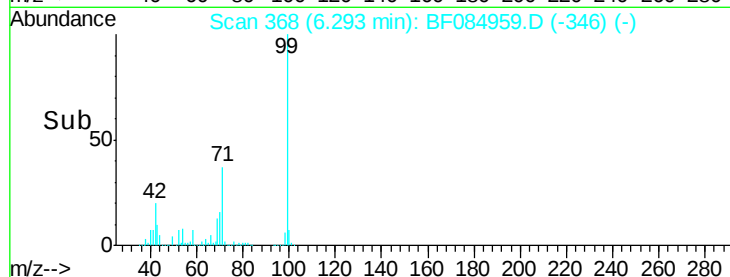
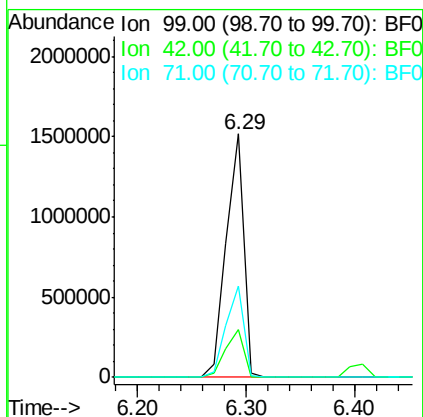
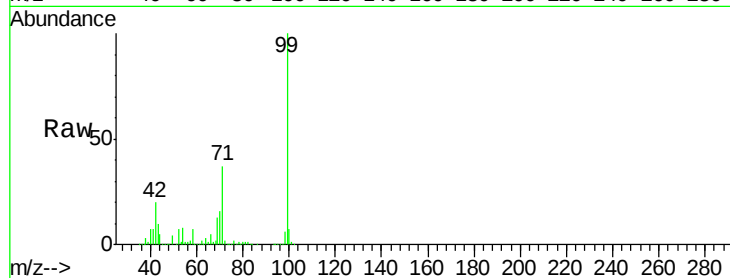
BNA_F

ClientSampleId :

S4-B001(15-17)

Tot Ion: 99 Resp: 1698134

Ion	Ratio	Lower	Upper
99	100		
42	19.7	12.8	19.2#
71	37.5	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.92 min Scan# 510

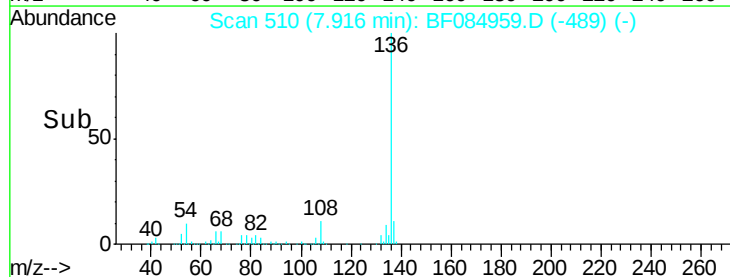
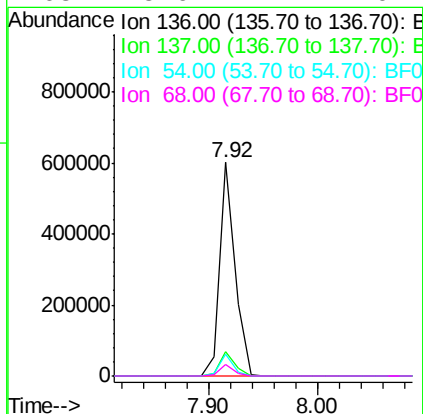
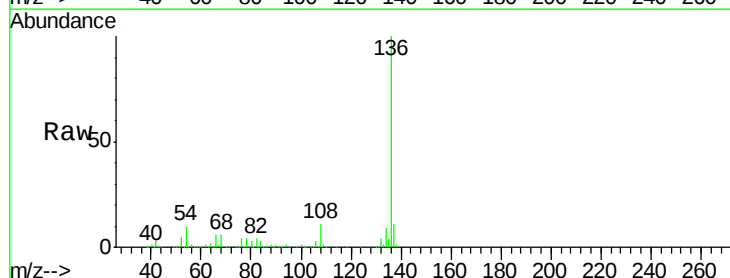
Delta R.T. -0.06 min

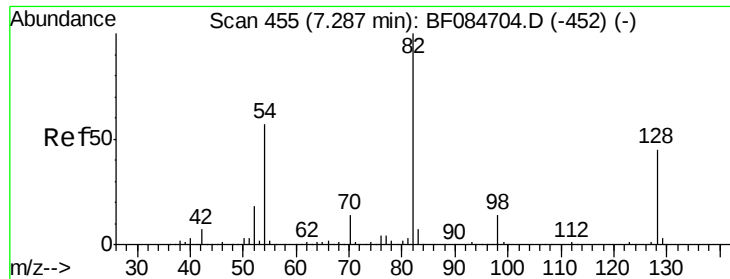
Lab File: BF084959.D

Acq: 9 Feb 2016 18:34

Tgt Ion: 136 Resp: 591707

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	10.1	5.8	8.8#
68	5.6	4.2	6.2



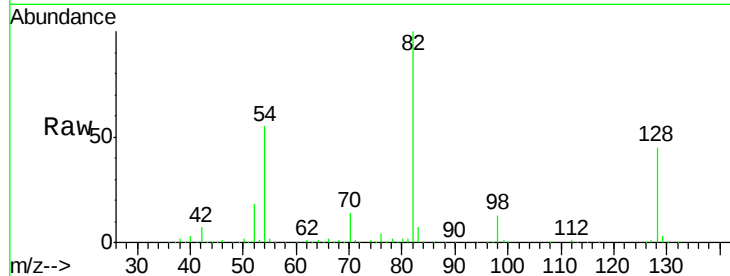


#23
 Nitrobenzene-d5
 Concen: 105.44 ng
 RT: 7.21 min Scan# 448
 Delta R.T. -0.06 min
 Lab File: BF084959.D
 Acq: 9 Feb 2016 18:34

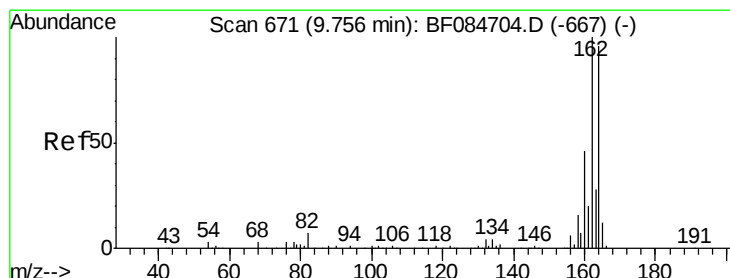
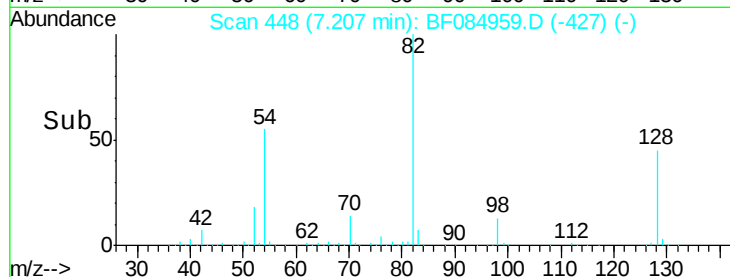
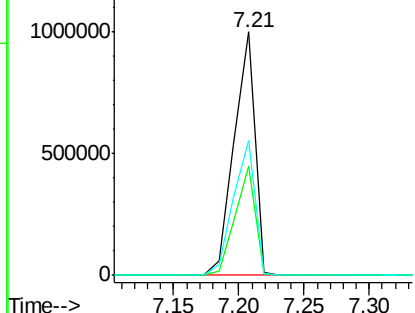
Instrument :
 BNA_F
 ClientSampleId :
 S4-B001(15-17)

Tot Ion: 82 Resp: 1107495

Ion	Ratio	Lower	Upper
82	100		
128	44.9	34.6	51.8
54	55.4	38.4	57.6



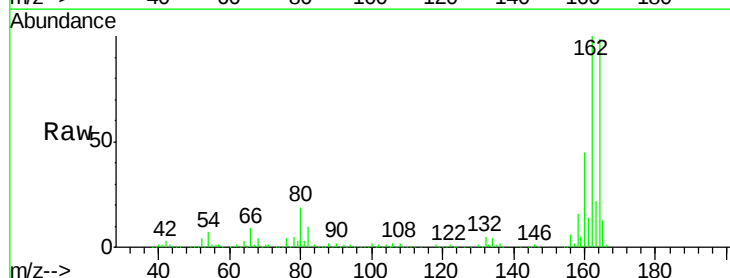
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0



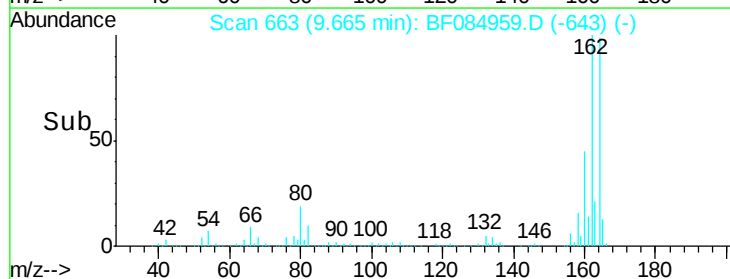
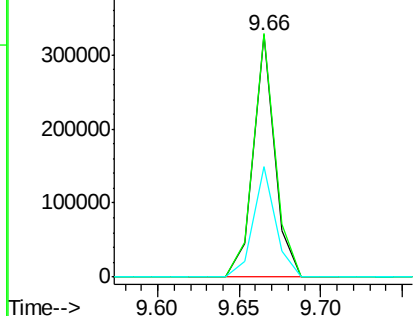
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.66 min Scan# 663
 Delta R.T. -0.07 min
 Lab File: BF084959.D
 Acq: 9 Feb 2016 18:34

Tgt Ion:164 Resp: 300089

Ion	Ratio	Lower	Upper
164	100		
162	100.5	85.1	127.7
160	45.6	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

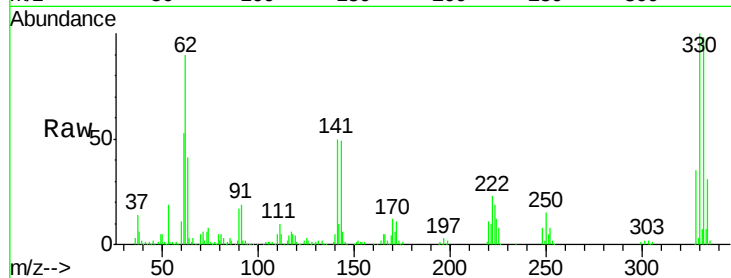




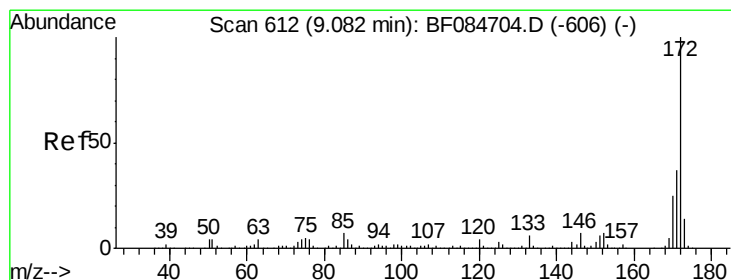
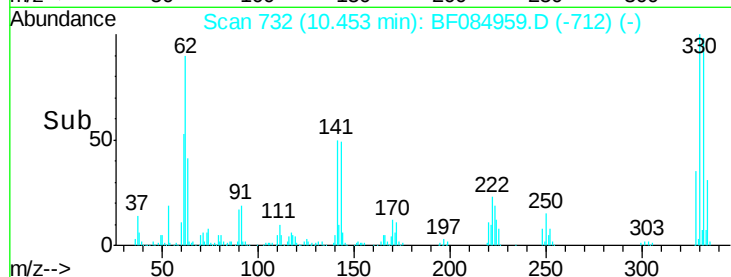
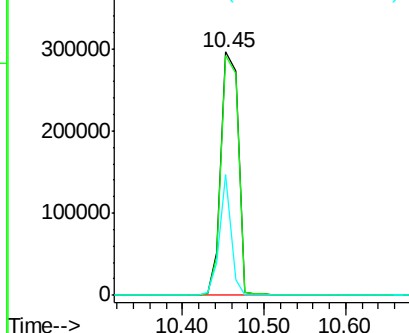
#41
 2,4,6-Tribromophenol
 Concen: 138.96 ng
 RT: 10.45 min Scan# 732
 Delta R.T. -0.07 min
 Lab File: BF084959.D
 Acq: 9 Feb 2016 18:34

Instrument :
 BNA_F
 ClientSampleId :
 S4-B001(15-17)

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.3	76.6	114.8
141	33.7	27.8	41.6

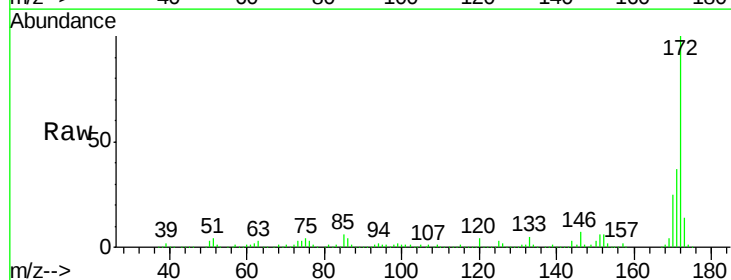


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

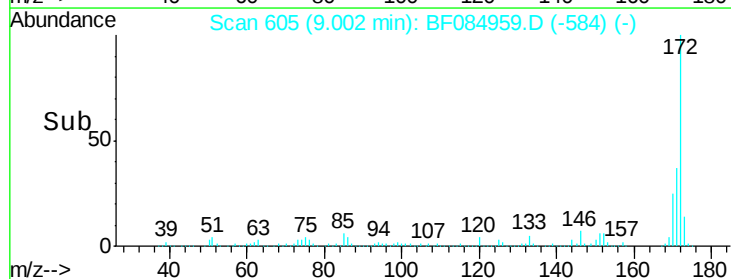
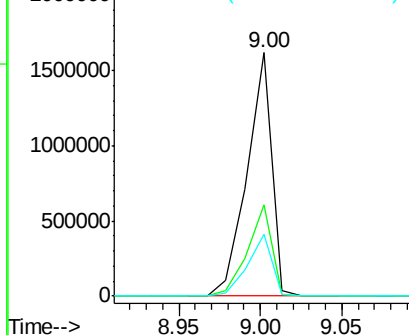


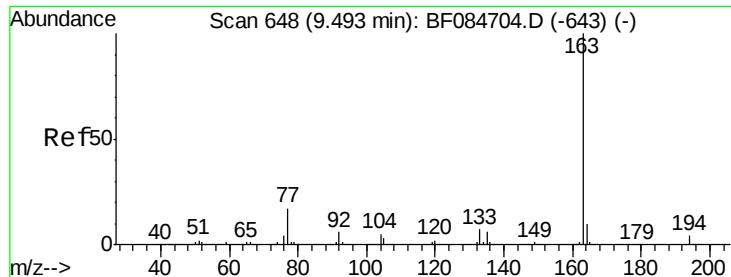
#44
 2-Fluorobiphenyl
 Concen: 101.84 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.06 min
 Lab File: BF084959.D
 Acq: 9 Feb 2016 18:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	28.9	43.3
170	25.2	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

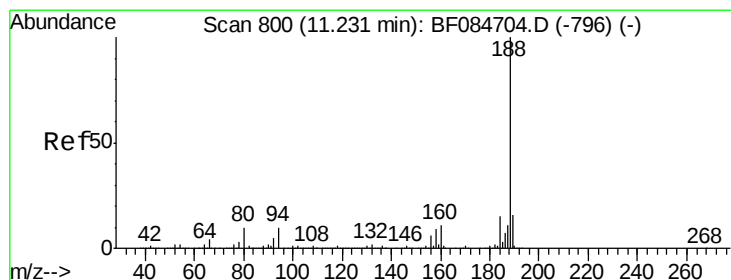
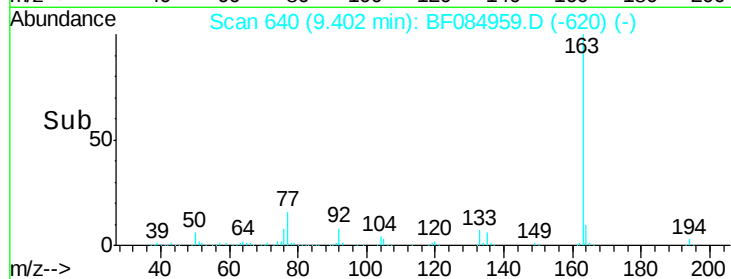
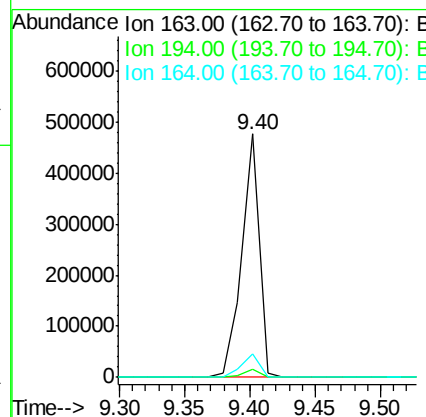
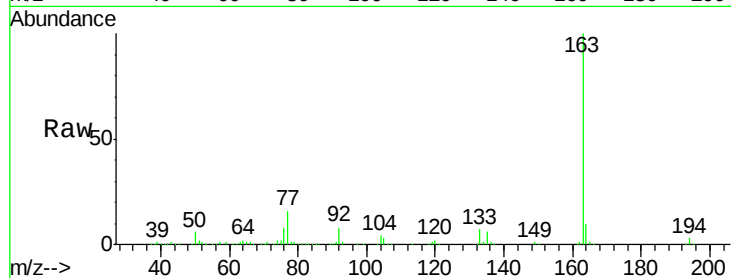




#49
Dimethylphthalate
Concen: 19.22 ng
RT: 9.40 min Scan# 640
Delta R.T. -0.07 min
Lab File: BF084959.D
Acq: 9 Feb 2016 18:34

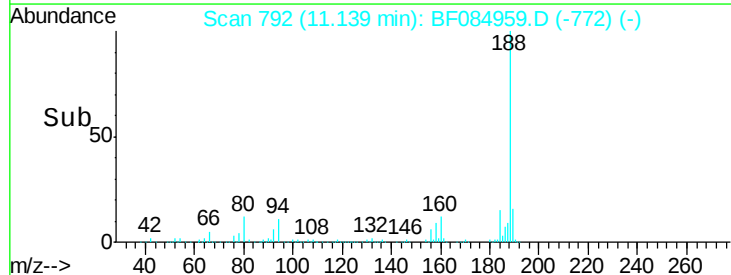
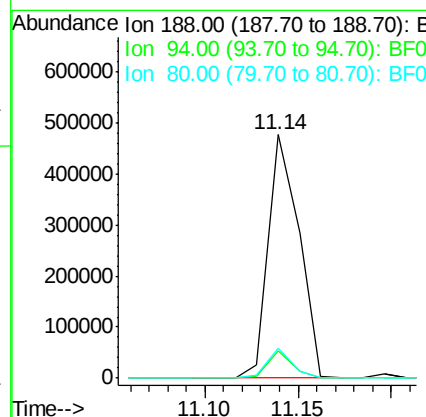
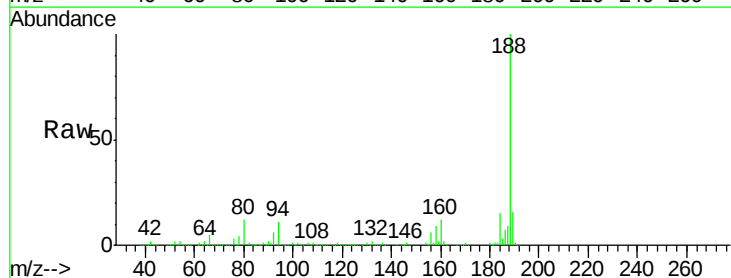
Instrument :
BNA_F
ClientSampleId :
S4-B001(15-17)

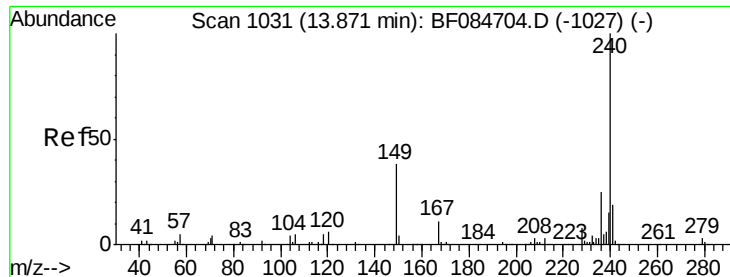
Tot Ion:163 Resp: 439212
Ion Ratio Lower Upper
163 100
194 3.4 8.0 12.0#
164 9.7 8.0 12.0



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 792
Delta R.T. -0.07 min
Lab File: BF084959.D
Acq: 9 Feb 2016 18:34

Tgt Ion:188 Resp: 543392
Ion Ratio Lower Upper
188 100
94 11.2 9.0 13.4
80 12.4 9.6 14.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.77 min Scan# 1022

Delta R.T. -0.07 min

Lab File: BF084959.D

Acq: 9 Feb 2016 18:34

Instrument :

BNA_F

ClientSampleId :

S4-B001(15-17)

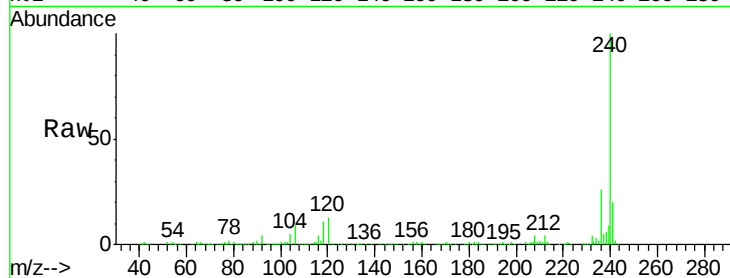
Tot Ion:240 Resp: 460886

Ion Ratio Lower Upper

240 100

120 13.3 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

600000

500000

400000

300000

200000

100000

0

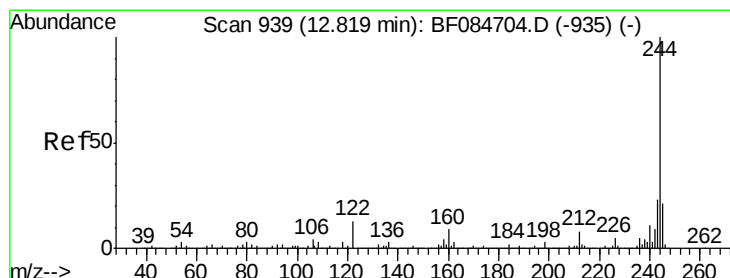
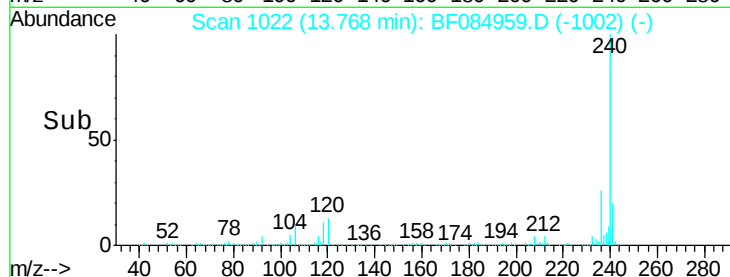
13.77

13.70

13.80

13.90

Time-->



#78

Terphenyl-d14

Concen: 78.27 ng

RT: 12.74 min Scan# 932

Delta R.T. -0.06 min

Lab File: BF084959.D

Acq: 9 Feb 2016 18:34

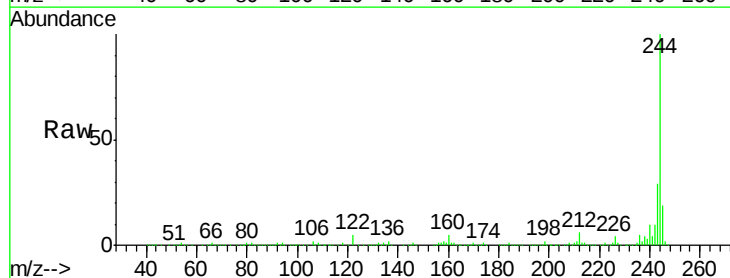
Tgt Ion:244 Resp: 1591907

Ion Ratio Lower Upper

244 100

212 6.4 5.7 8.5

122 5.2 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

1500000

1000000

500000

0

12.74

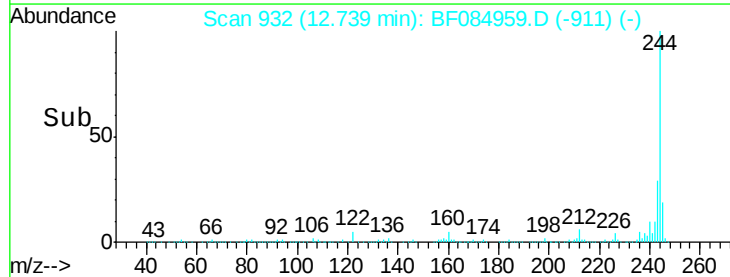
12.60

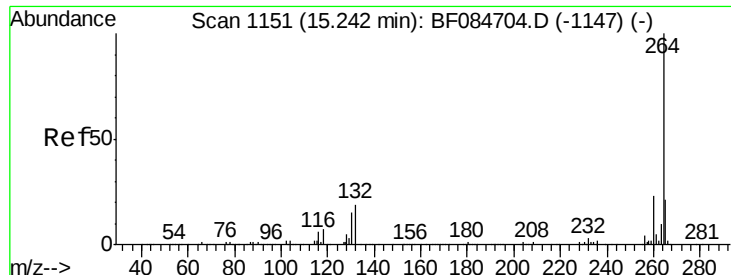
12.70

12.80

12.90

Time-->





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.13 min Scan# 1141
 Delta R.T. -0.08 min
 Lab File: BF084959.D
 Acq: 9 Feb 2016 18:34

Instrument :
 BNA_F
 ClientSampleId :
 S4-B001(15-17)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	22.4	17.8	26.6

