

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
 Data File : BF085928.D
 Acq On : 31 Mar 2016 15:31
 Operator : UM/SJ
 Sample : H2075-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-12

Quant Time: Apr 01 11:35:45 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 30 12:31:18 2016
 Response via : Initial Calibration

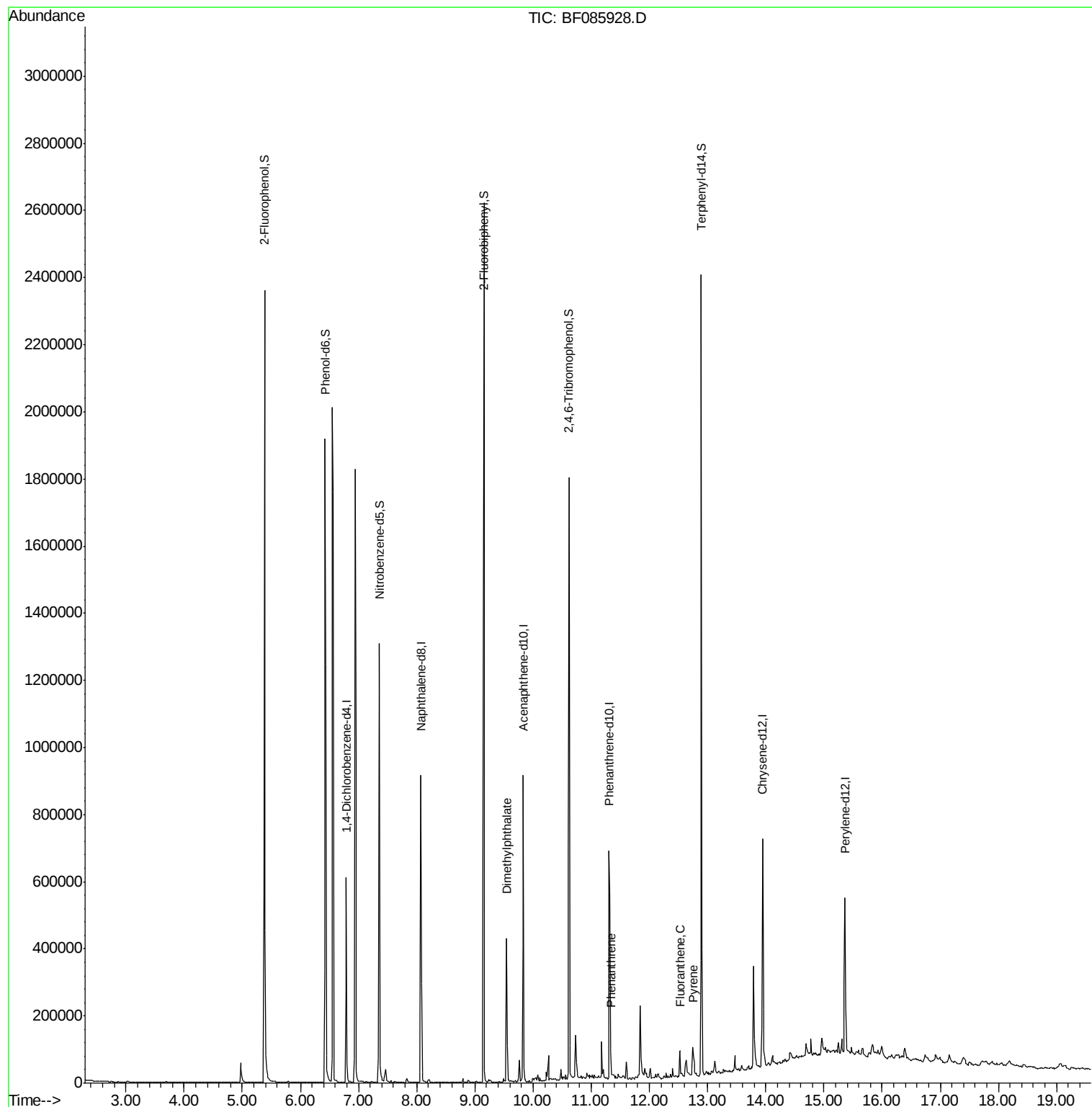
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	110069	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	439009	20.00	ng	-0.02
38) Acenaphthene-d10	9.83	164	199628	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	346060	20.00	ng	-0.02
75) Chrysene-d12	13.95	240	215175	20.00	ng	-0.02
86) Perylene-d12	15.36	264	199107	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	749723	113.44	ng	-0.01
7) Phenol-d6	6.42	99	997172	118.67	ng	-0.02
23) Nitrobenzene-d5	7.36	82	653912	83.88	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	231187	121.89	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	998898	83.60	ng	-0.01
78) Terphenyl-d14	12.89	244	687253	65.69	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.54	163	166411	10.99	ng	100
70) Phenanthrene	11.34	178	47178	2.66	ng	99
74) Fluoranthene	12.53	202	45305	2.40	ng	91
77) Pyrene	12.74	202	43919	2.48	ng	98

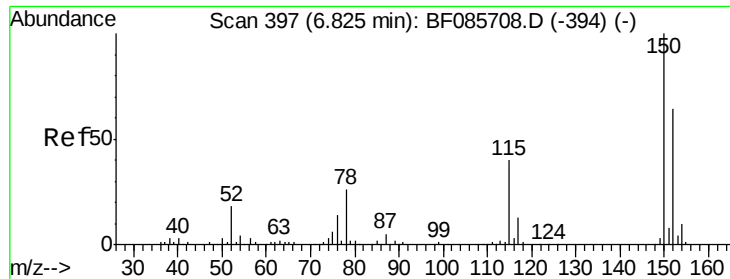
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.79 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF085928.D

Acq: 31 Mar 2016 15:31

Instrument :

BNA_F

ClientSampleId :

SP-12

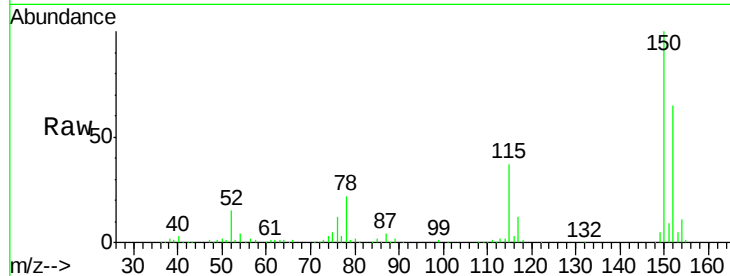
Tgt Ion:152 Resp: 110069

Ion Ratio Lower Upper

152 100

150 154.5 124.2 186.2

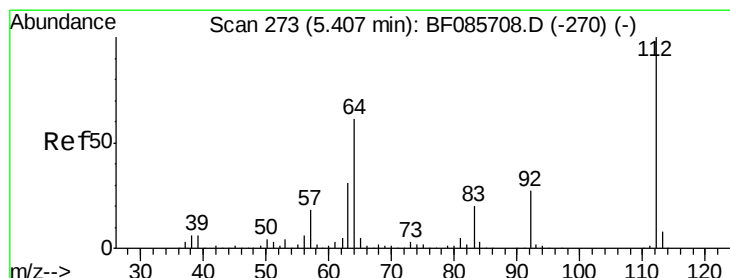
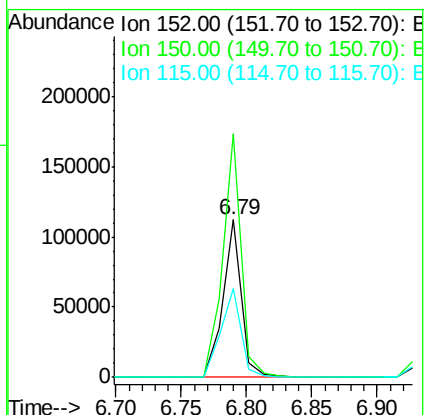
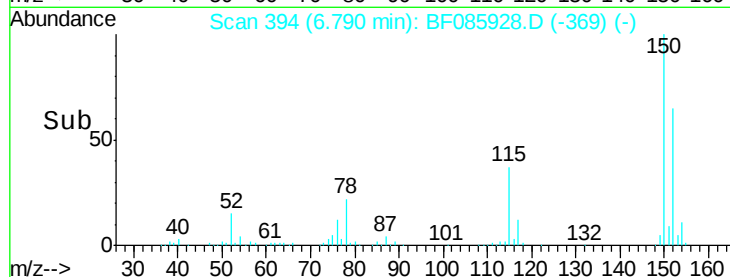
115 56.6 47.0 70.6



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: 113.44 ng

RT: 5.38 min Scan# 271

Delta R.T. -0.01 min

Lab File: BF085928.D

Acq: 31 Mar 2016 15:31

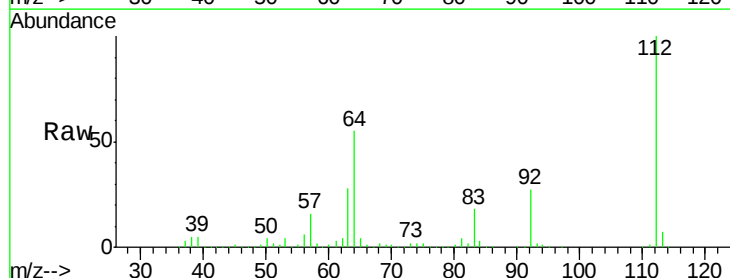
Tgt Ion:112 Resp: 749723

Ion Ratio Lower Upper

112 100

64 55.3 39.9 59.9

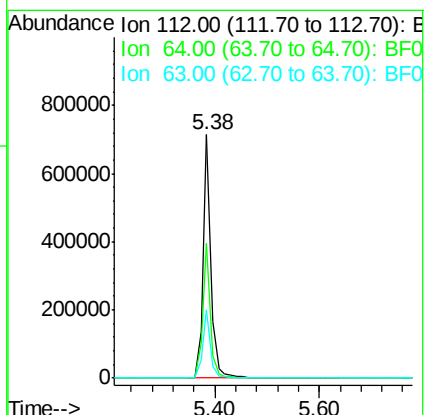
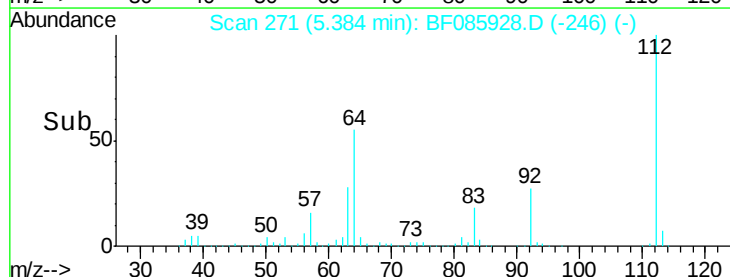
63 27.9 20.2 30.2



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: 118.67 ng

RT: 6.42 min Scan# 362

Delta R.T. -0.02 min

Lab File: BF085928.D

Acq: 31 Mar 2016 15:31

Instrument :

BNA_F

ClientSampleId :

SP-12

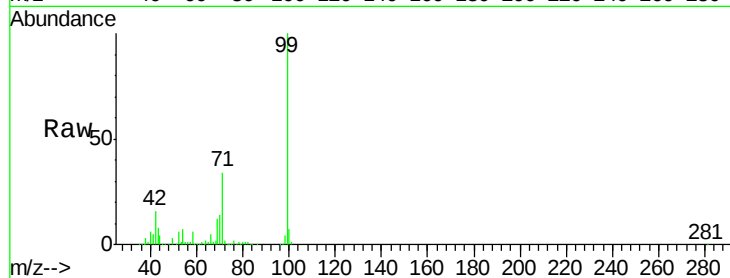
Tgt Ion: 99 Resp: 997172

Ion Ratio Lower Upper

99 100

42 16.2 11.1 16.7

71 33.6 24.9 37.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

800000

600000

400000

200000

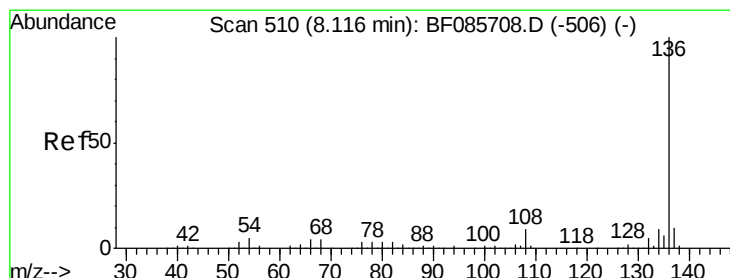
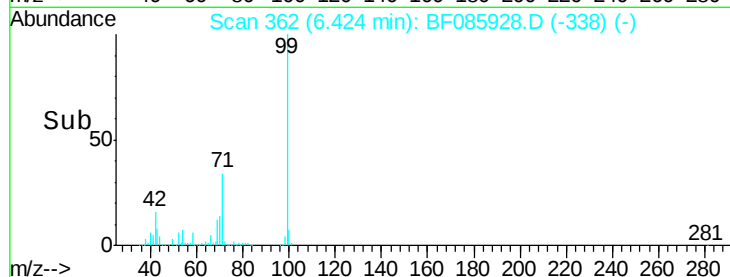
0

6.42

6.40

6.50

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.07 min Scan# 506

Delta R.T. -0.02 min

Lab File: BF085928.D

Acq: 31 Mar 2016 15:31

Tgt Ion: 136 Resp: 439009

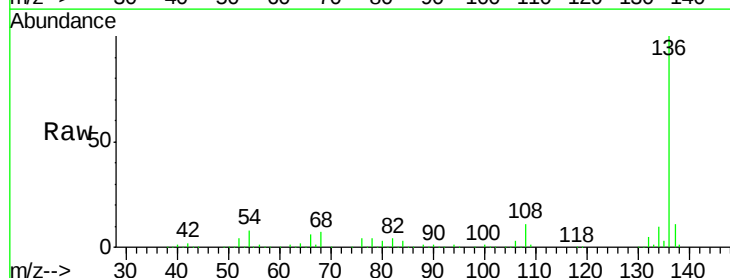
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 7.8 7.4 11.0

68 6.5 5.8 8.8



Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

600000

400000

200000

0

8.07

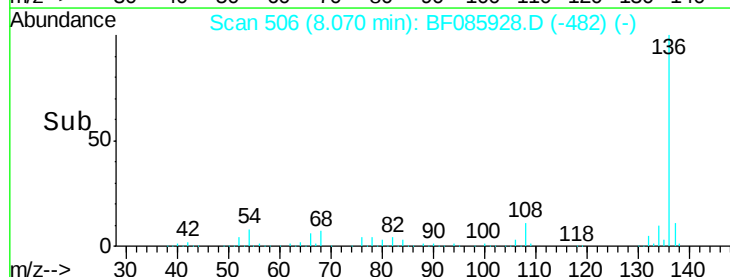
8.00

8.10

8.20

8.30

Time-->

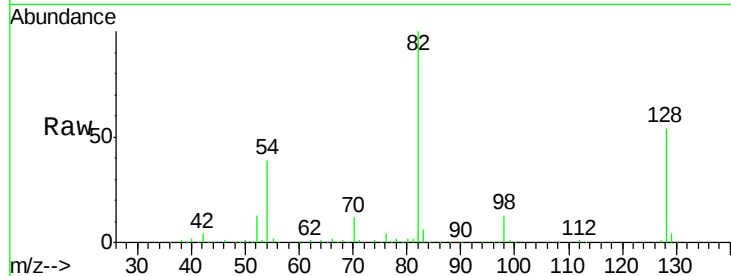




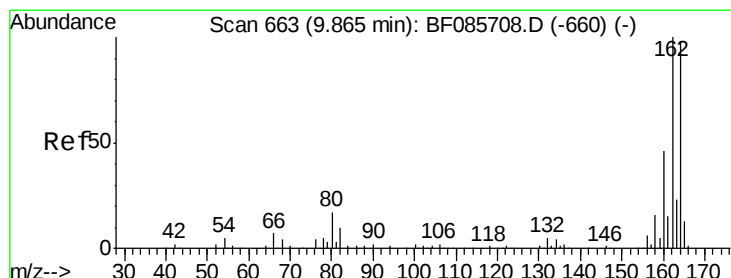
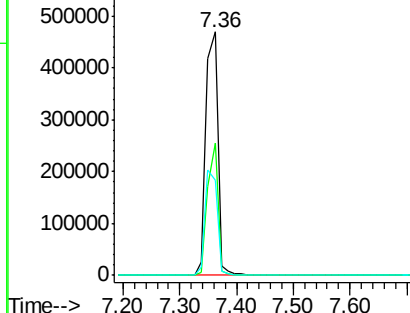
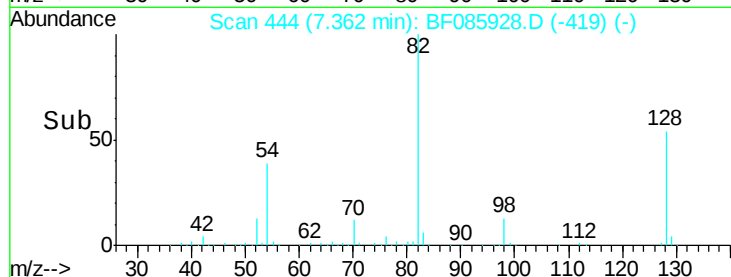
#23
 Nitrobenzene-d5
 Concen: 83.88 ng
 RT: 7.36 min Scan# 444
 Delta R.T. -0.01 min
 Lab File: BF085928.D
 Acq: 31 Mar 2016 15:31

Instrument :
 BNA_F
 ClientSampleID :
 SP-12

Tgt Ion: 82 Resp: 653912
 Ion Ratio Lower Upper
 82 100
 128 54.4 41.8 62.8
 54 39.2 33.4 50.0

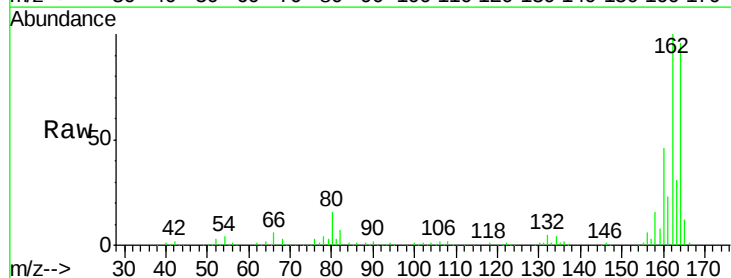


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

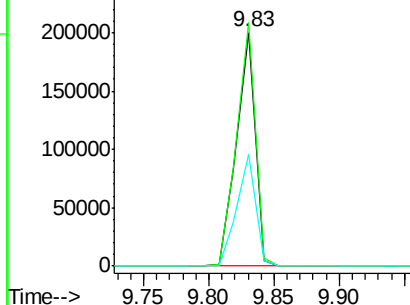
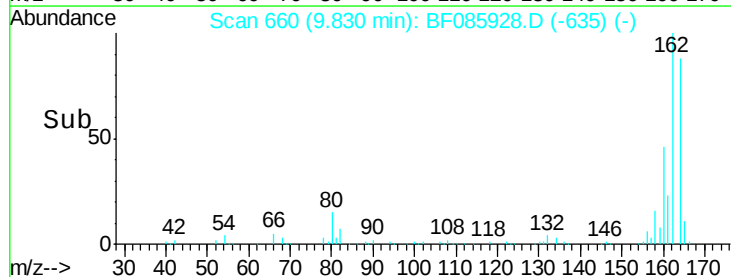


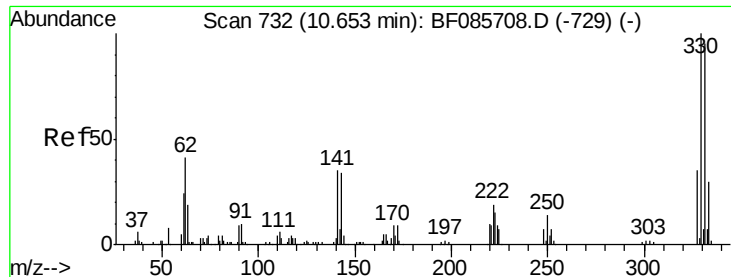
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.83 min Scan# 660
 Delta R.T. -0.01 min
 Lab File: BF085928.D
 Acq: 31 Mar 2016 15:31

Tgt Ion: 164 Resp: 199628
 Ion Ratio Lower Upper
 164 100
 162 104.1 82.1 123.1
 160 47.9 37.4 56.2



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

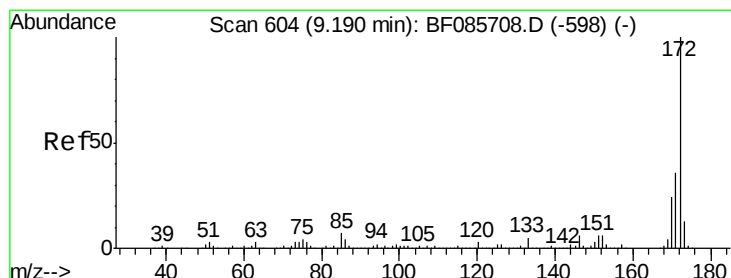
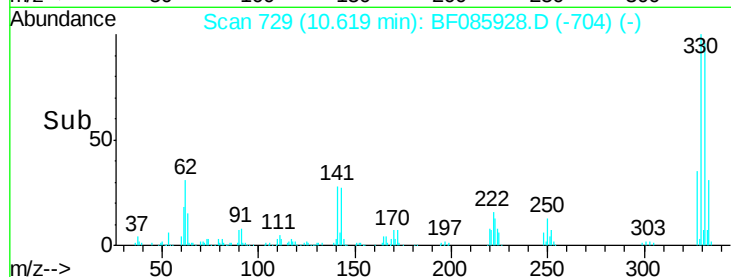
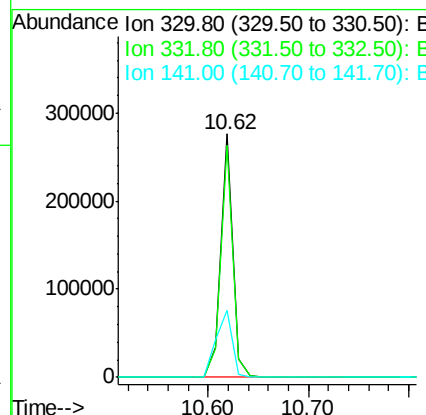
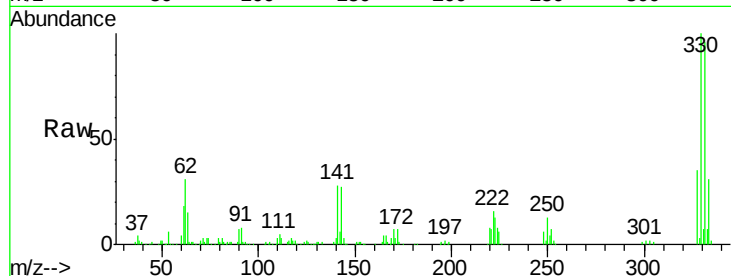




#41
 2,4,6-Tribromophenol
 Concen: 121.89 ng
 RT: 10.62 min Scan# 729
 Delta R.T. -0.01 min
 Lab File: BF085928.D
 Acq: 31 Mar 2016 15:31

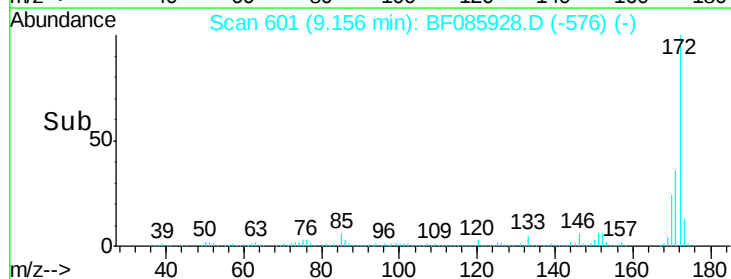
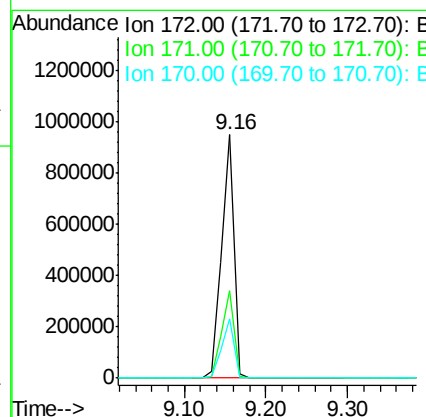
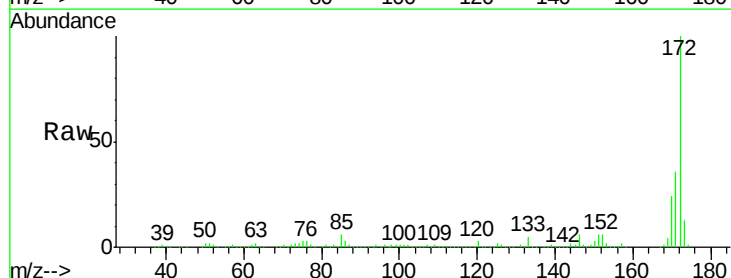
Instrument :
 BNA_F
 ClientSampleId :
 SP-12

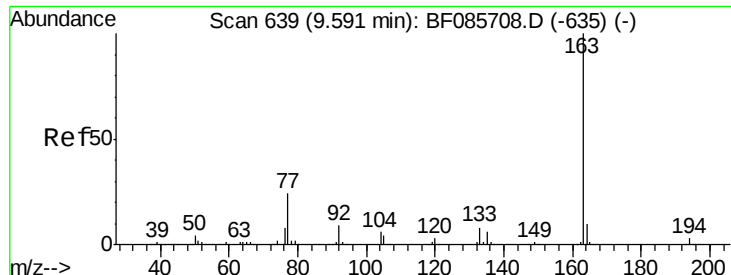
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	78.2	117.2
141	37.3	31.5	47.3



#44
 2-Fluorobiphenyl
 Concen: 83.60 ng
 RT: 9.16 min Scan# 601
 Delta R.T. -0.01 min
 Lab File: BF085928.D
 Acq: 31 Mar 2016 15:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.4	44.2
170	24.4	19.8	29.6

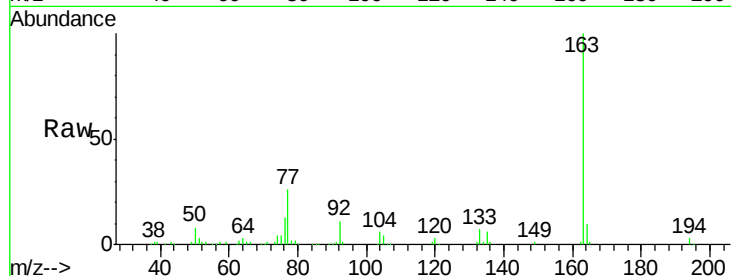




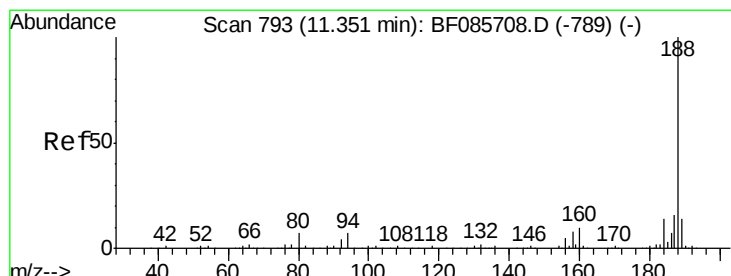
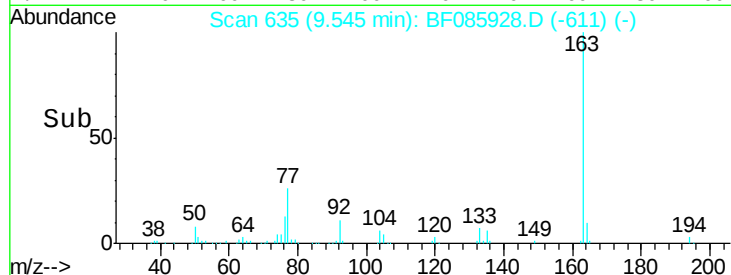
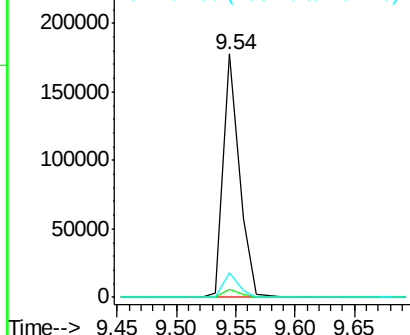
#49
Dimethylphthalate
Concen: 10.99 ng
RT: 9.54 min Scan# 635
Delta R.T. -0.02 min
Lab File: BF085928.D
Acq: 31 Mar 2016 15:31

Instrument :
BNA_F
ClientSampleId :
SP-12

Tgt Ion:163 Resp: 166411
Ion Ratio Lower Upper
163 100
194 3.3 2.9 4.3
164 10.3 8.3 12.5

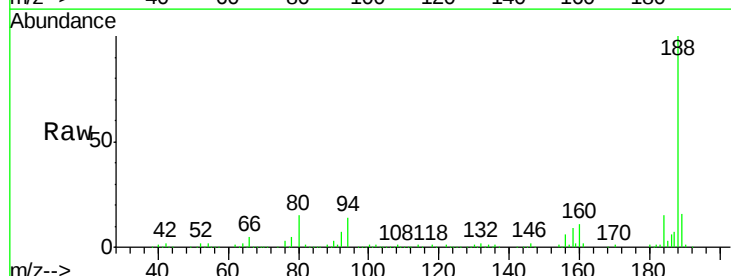


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

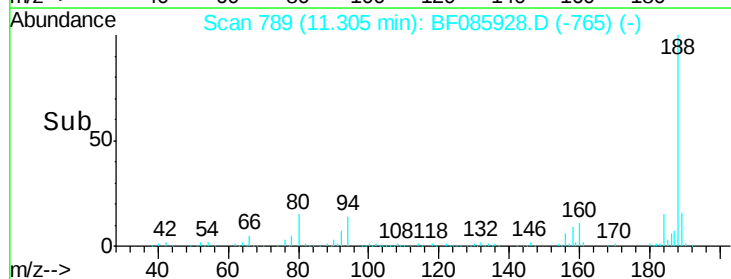
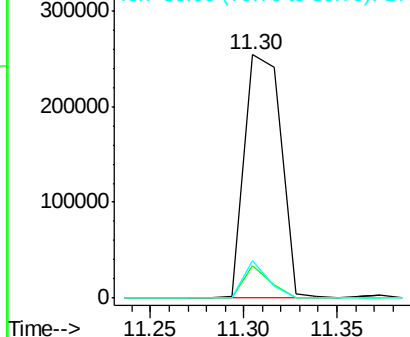


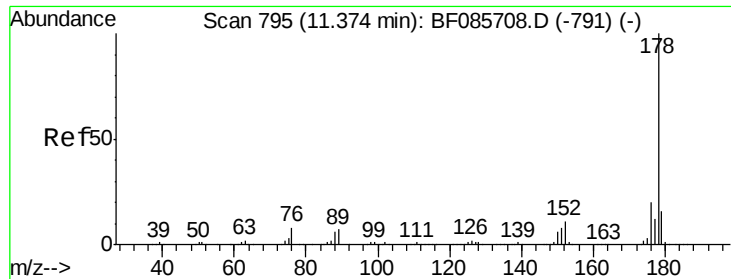
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 789
Delta R.T. -0.02 min
Lab File: BF085928.D
Acq: 31 Mar 2016 15:31

Tgt Ion:188 Resp: 346060
Ion Ratio Lower Upper
188 100
94 13.5 5.4 8.0#
80 15.3 5.5 8.3#



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

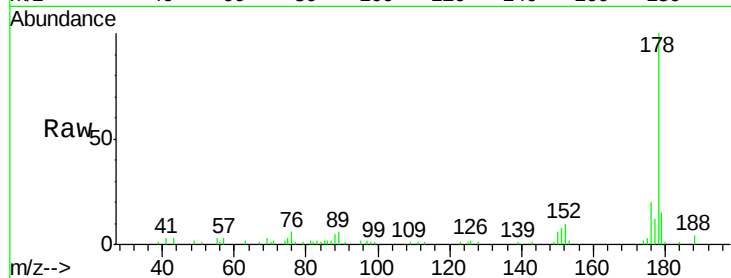




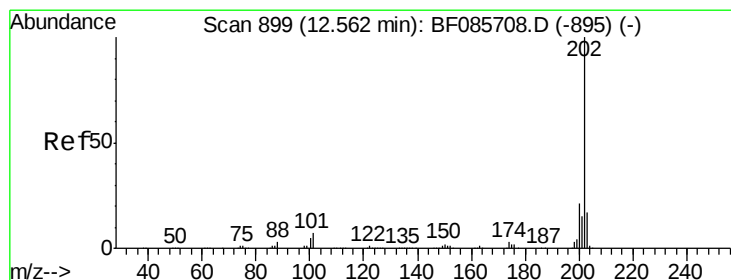
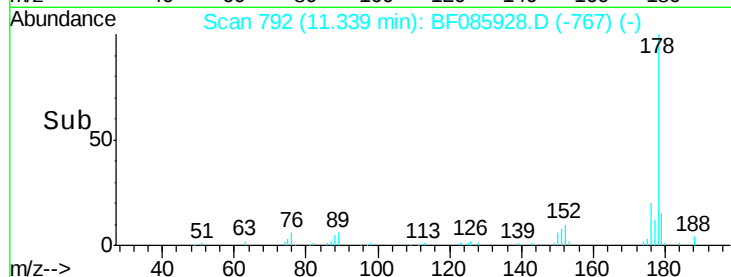
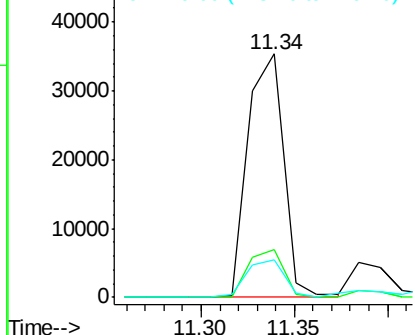
#70
Phenanthrene
Concen: 2.66 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF085928.D
Acq: 31 Mar 2016 15:31

Instrument :
BNA_F
ClientSampleId :
SP-12

Tgt Ion:178 Resp: 47178
Ion Ratio Lower Upper
178 100
176 19.7 16.3 24.5
179 15.4 12.6 18.8

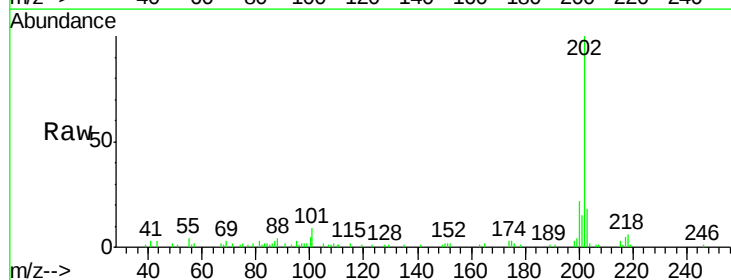


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

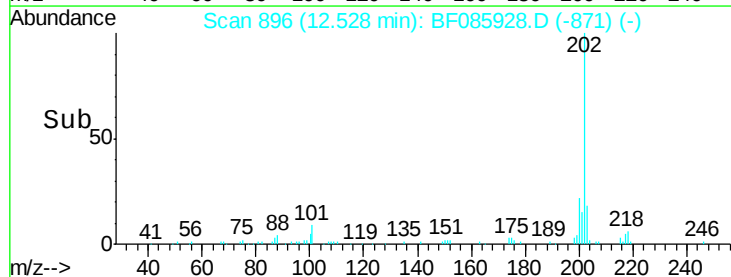
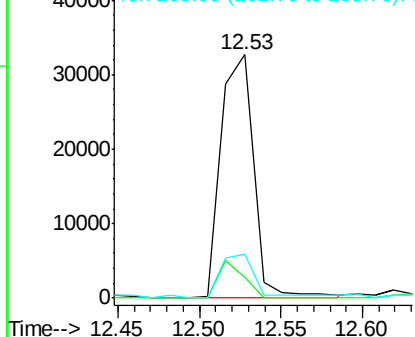


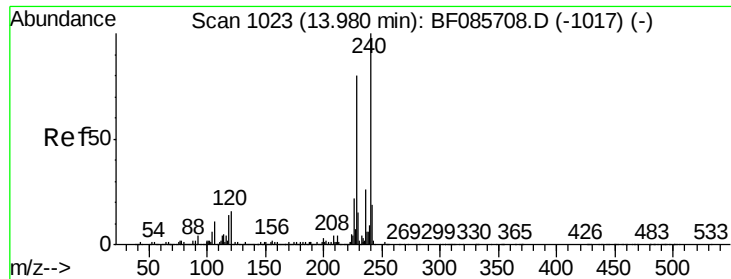
#74
Fluoranthene
Concen: 2.40 ng
RT: 12.53 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF085928.D
Acq: 31 Mar 2016 15:31

Tgt Ion:202 Resp: 45305
Ion Ratio Lower Upper
202 100
101 8.7 0.0 36.6
203 18.2 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

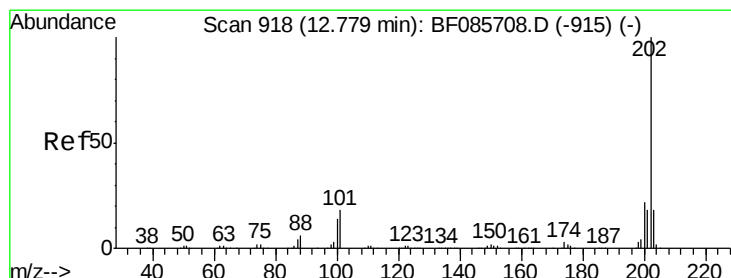
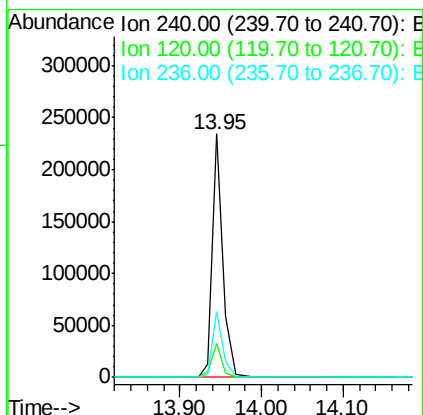
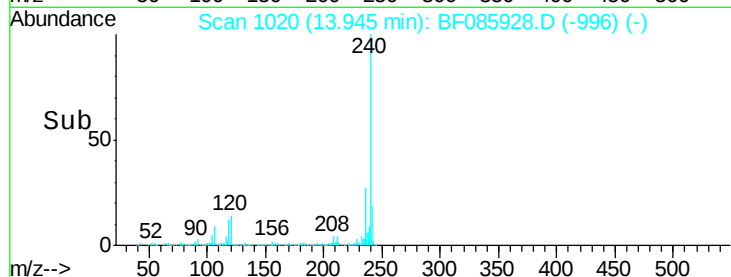
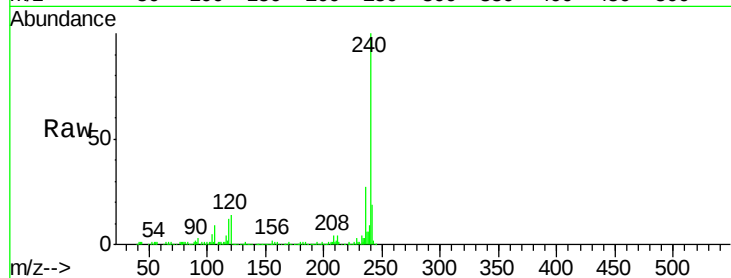




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF085928.D
Acq: 31 Mar 2016 15:31

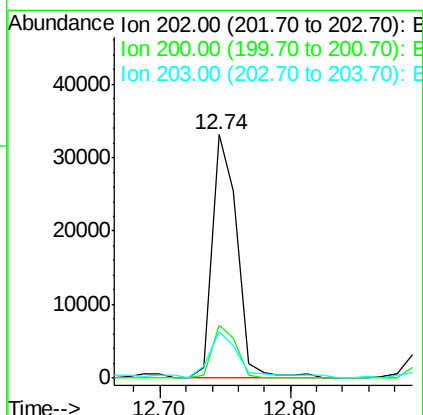
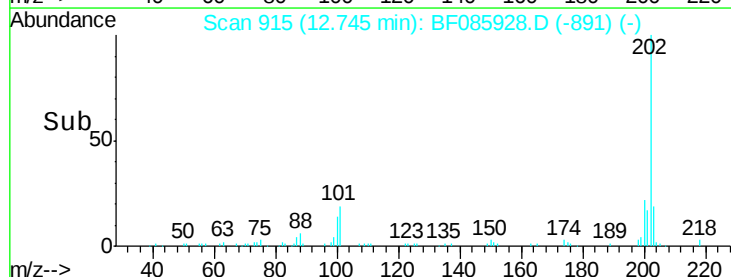
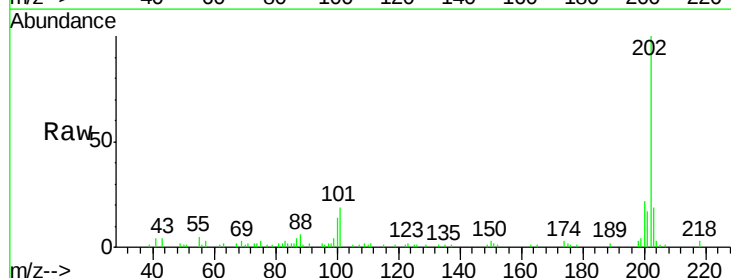
Instrument :
BNA_F
ClientSampleId :
SP-12

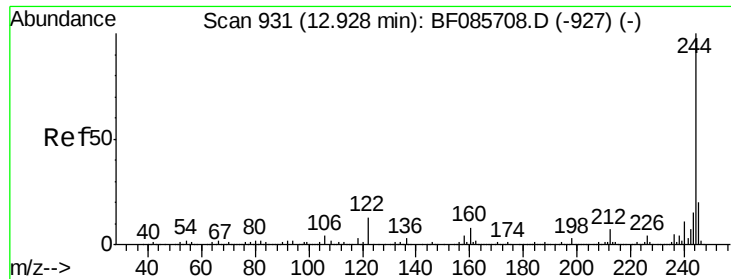
Tgt Ion:240 Resp: 215175
Ion Ratio Lower Upper
240 100
120 14.1 13.8 20.8
236 26.8 20.6 30.8



#77
Pyrene
Concen: 2.48 ng
RT: 12.74 min Scan# 915
Delta R.T. -0.02 min
Lab File: BF085928.D
Acq: 31 Mar 2016 15:31

Tgt Ion:202 Resp: 43919
Ion Ratio Lower Upper
202 100
200 21.6 17.6 26.4
203 19.2 14.0 21.0

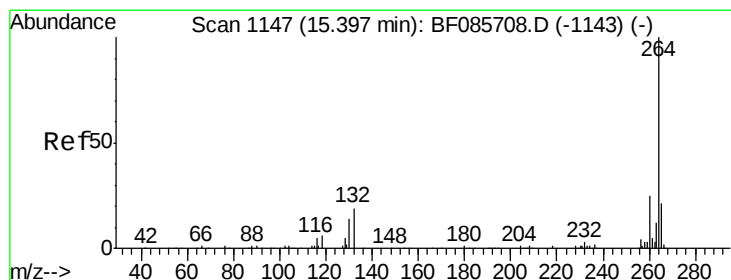
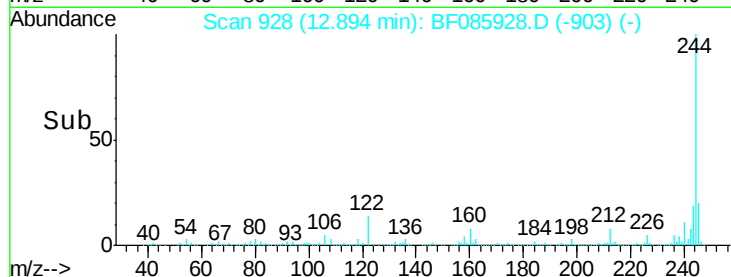
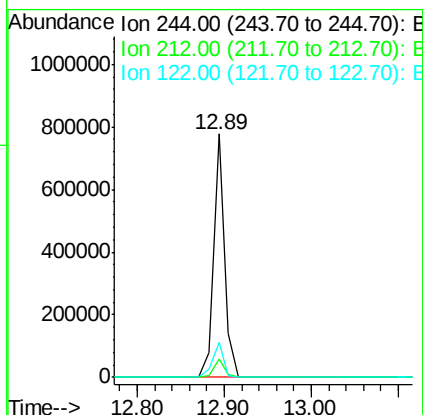
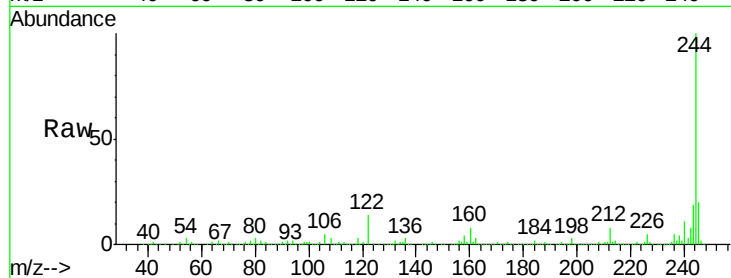




#78
 Terphenyl-d14
 Concen: 65.69 ng
 RT: 12.89 min Scan# 928
 Delta R.T. -0.01 min
 Lab File: BF085928.D
 Acq: 31 Mar 2016 15:31

Instrument :
 BNA_F
 ClientSampleId :
 SP-12

Tgt Ion:244 Resp: 687253
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 14.1 10.2 15.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BF085928.D
 Acq: 31 Mar 2016 15:31

Tgt Ion:264 Resp: 199107
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.2
 265 21.3 17.2 25.8

