

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
 Data File : BF085955.D
 Acq On : 1 Apr 2016 4:31
 Operator : UM/SJ
 Sample : H2046-08
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-32(0.5-15.0COMP)

Quant Time: Apr 01 04:58:27 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

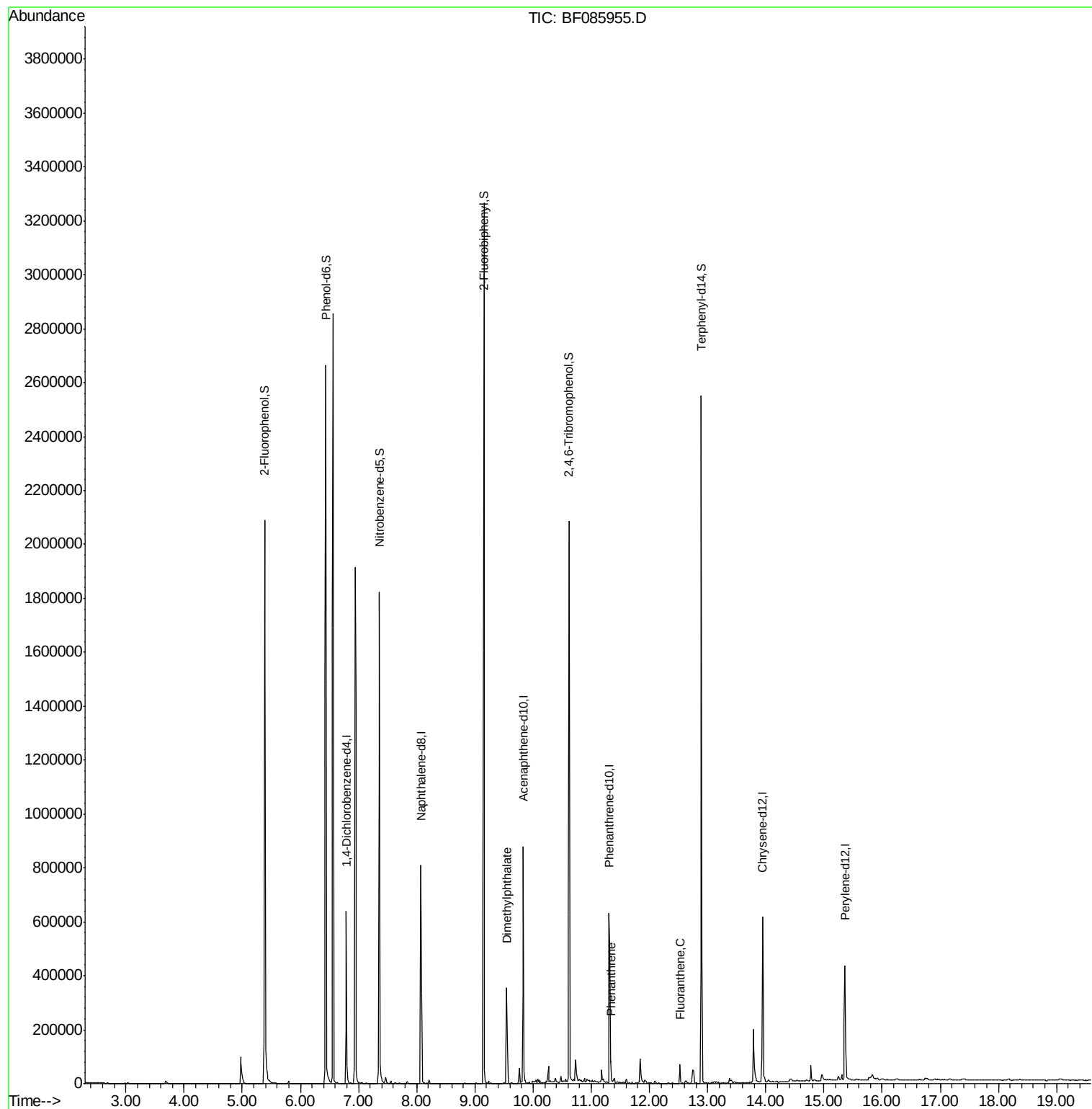
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	107442	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	420748	20.00	ng	-0.02
38) Acenaphthene-d10	9.83	164	186543	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	314139	20.00	ng	-0.02
75) Chrysene-d12	13.95	240	200389	20.00	ng	-0.02
86) Perylene-d12	15.36	264	194701	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	920027	142.61	ng	-0.01
7) Phenol-d6	6.44	99	1184655	144.43	ng	-0.01
23) Nitrobenzene-d5	7.36	82	789761	105.70	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	254667	143.69	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	1181450	105.82	ng	-0.01
78) Terphenyl-d14	12.89	244	767806	78.80	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.54	163	159313	11.26	ng	98
70) Phenanthrene	11.34	178	42841	2.66	ng	98
74) Fluoranthene	12.53	202	40279	2.35	ng	89

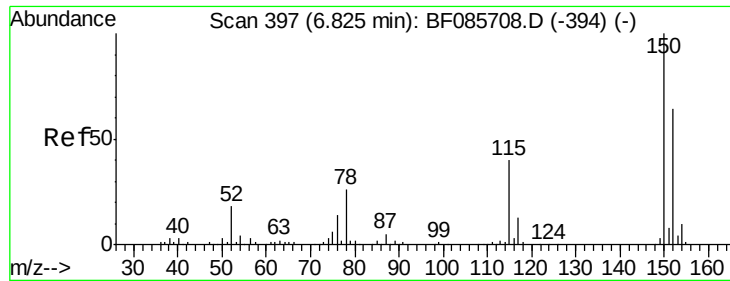
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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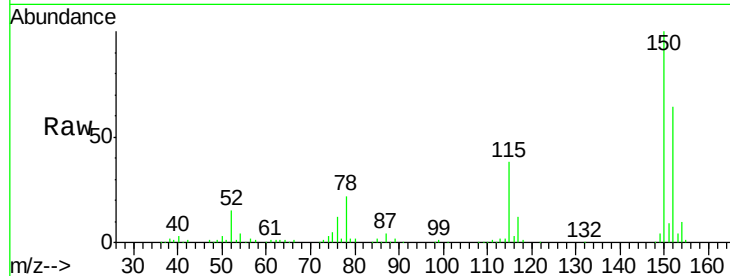


#1

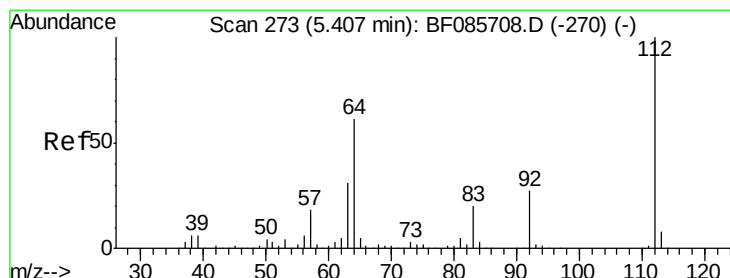
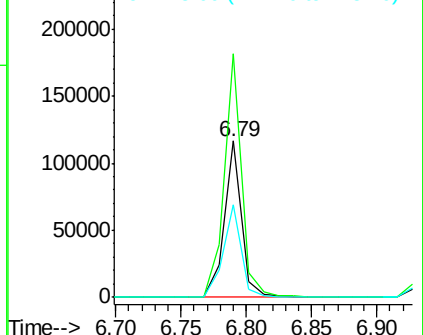
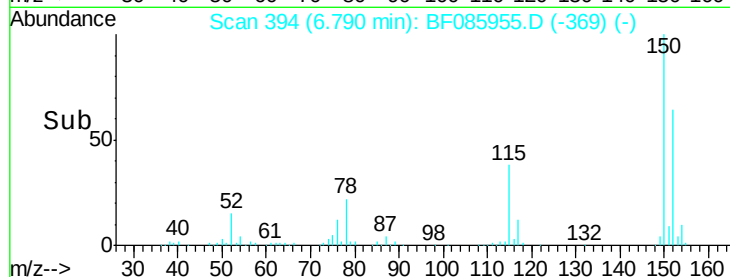
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 394
Delta R.T. -0.01 min
Lab File: BF085955.D
Acq: 1 Apr 2016 4:31

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-32(0.5-15.0COMP)

Tgt Ion:152 Resp: 107442
Ion Ratio Lower Upper
152 100
150 155.8 124.2 186.2
115 59.6 47.0 70.6



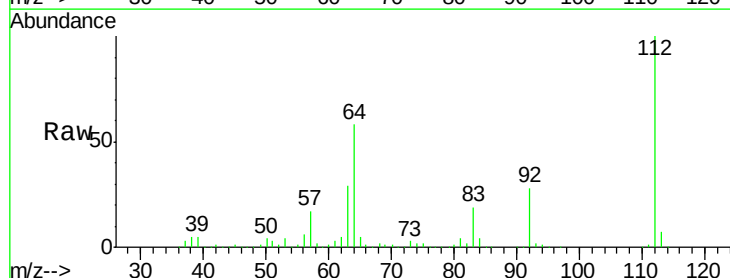
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



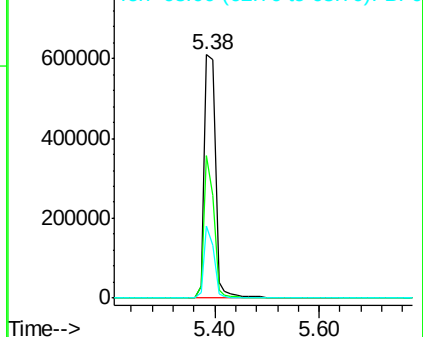
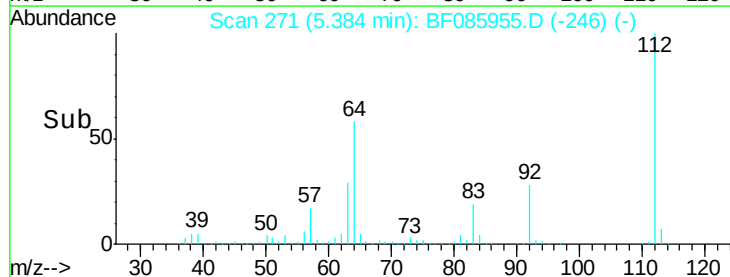
#5

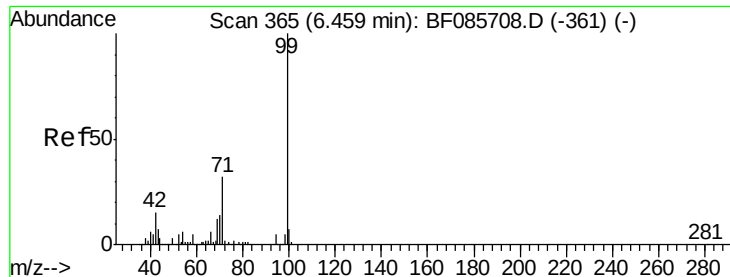
2-Fluorophenol
Concen: 142.61 ng
RT: 5.38 min Scan# 271
Delta R.T. -0.01 min
Lab File: BF085955.D
Acq: 1 Apr 2016 4:31

Tgt Ion:112 Resp: 920027
Ion Ratio Lower Upper
112 100
64 58.3 39.9 59.9
63 29.5 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: 144.43 ng

RT: 6.44 min Scan# 363

Delta R.T. -0.01 min

Lab File: BF085955.D

Acq: 1 Apr 2016 4:31

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-32(0.5-15.0COMP)

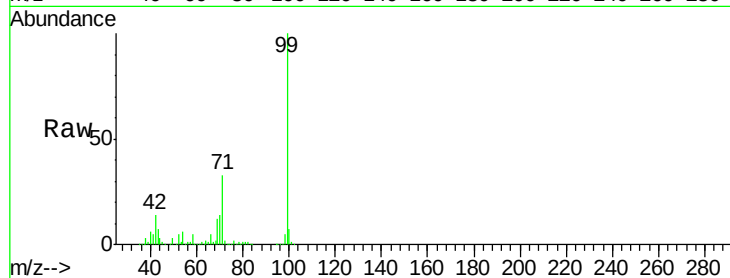
Tgt Ion: 99 Resp: 1184655

Ion Ratio Lower Upper

99 100

42 14.4 11.1 16.7

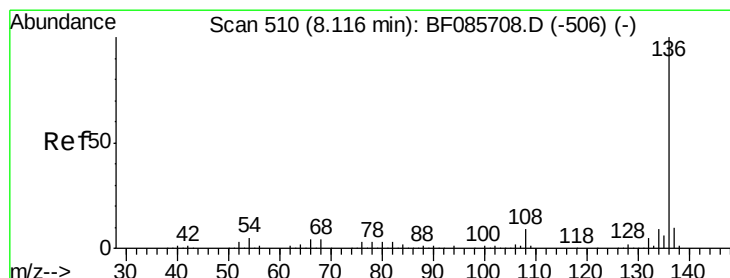
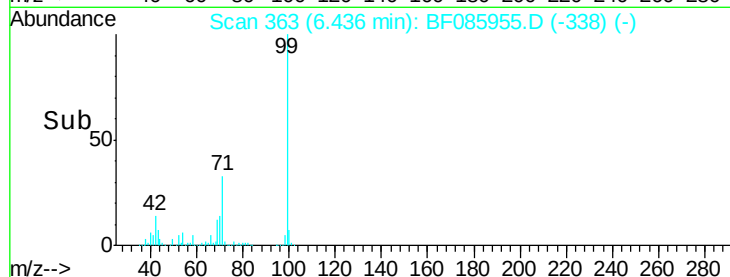
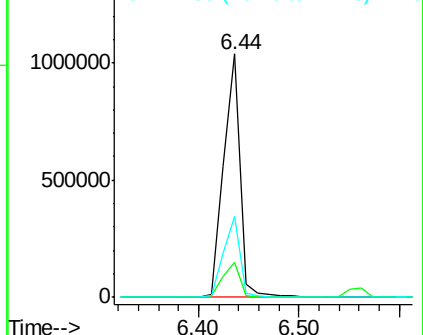
71 33.2 24.9 37.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.07 min Scan# 506

Delta R.T. -0.02 min

Lab File: BF085955.D

Acq: 1 Apr 2016 4:31

Tgt Ion: 136 Resp: 420748

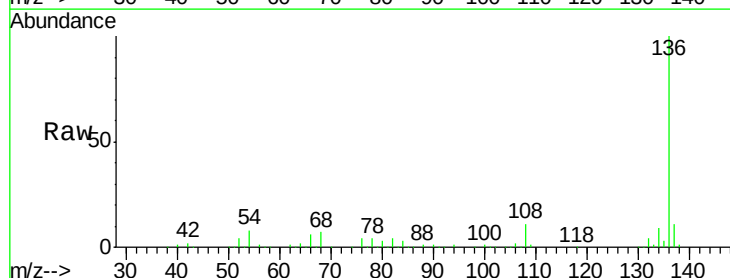
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 8.2 7.4 11.0

68 6.5 5.8 8.8

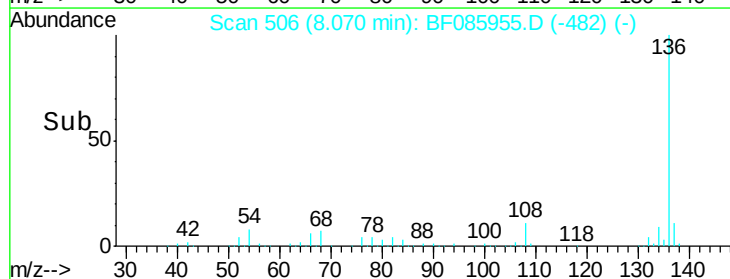
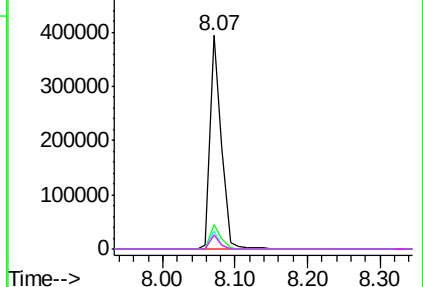


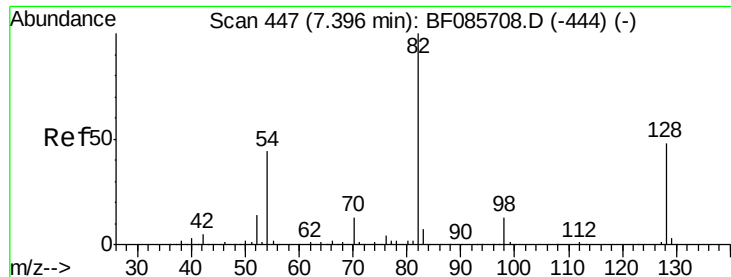
Abundance Ion 136.00 (135.70 to 136.70): E

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

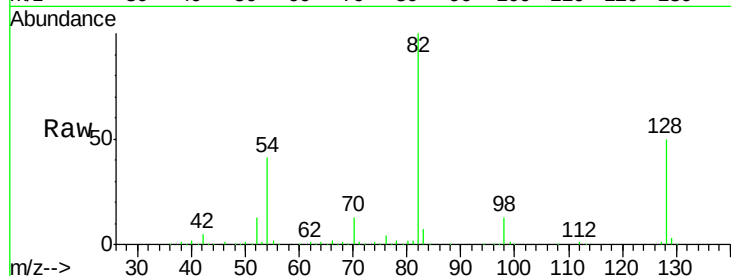




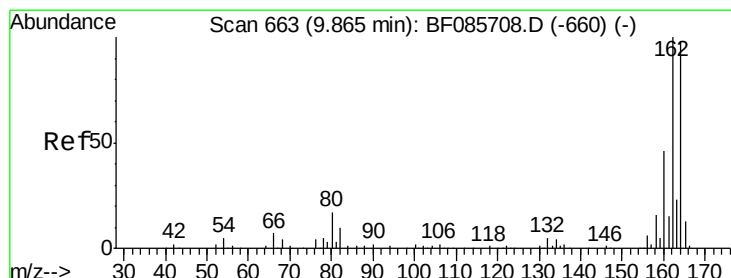
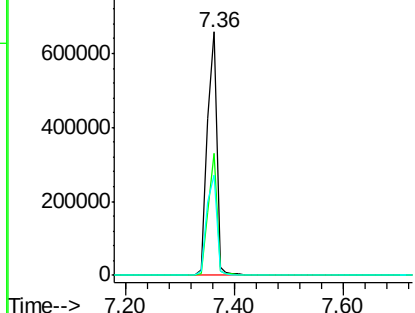
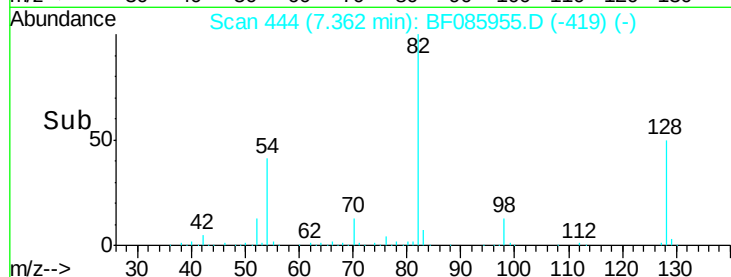
#23
 Nitrobenzene-d5
 Concen: 105.70 ng
 RT: 7.36 min Scan# 444
 Delta R.T. -0.01 min
 Lab File: BF085955.D
 Acq: 1 Apr 2016 4:31

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-32(0.5-15.0COMP)

Tgt Ion: 82 Resp: 789761
 Ion Ratio Lower Upper
 82 100
 128 50.3 41.8 62.8
 54 41.3 33.4 50.0

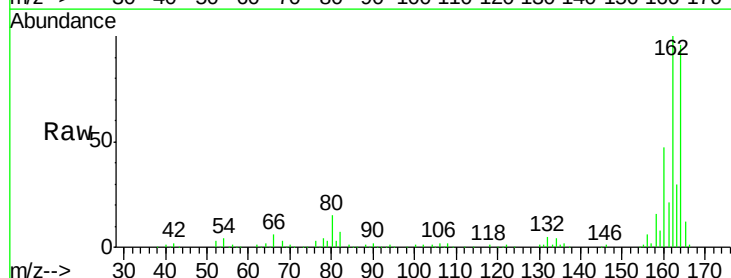


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

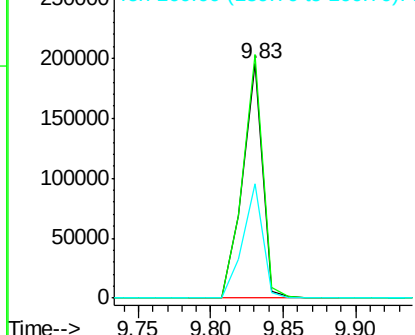
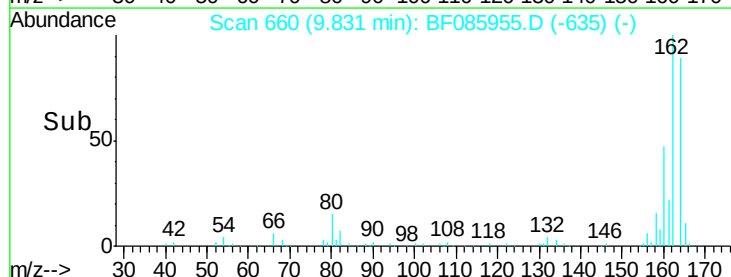


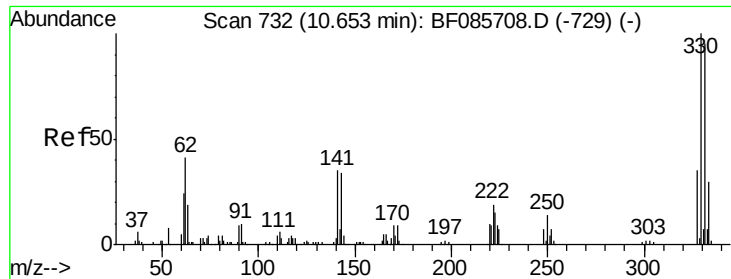
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.83 min Scan# 660
 Delta R.T. -0.01 min
 Lab File: BF085955.D
 Acq: 1 Apr 2016 4:31

Tgt Ion: 164 Resp: 186543
 Ion Ratio Lower Upper
 164 100
 162 104.0 82.1 123.1
 160 48.8 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

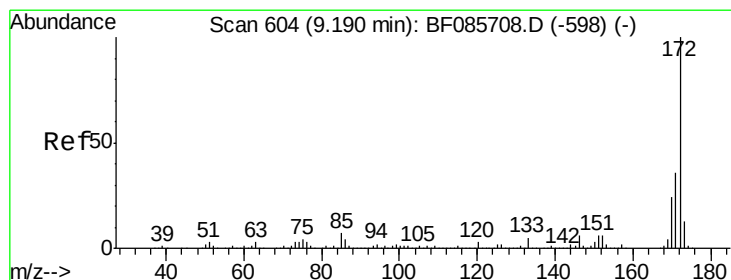
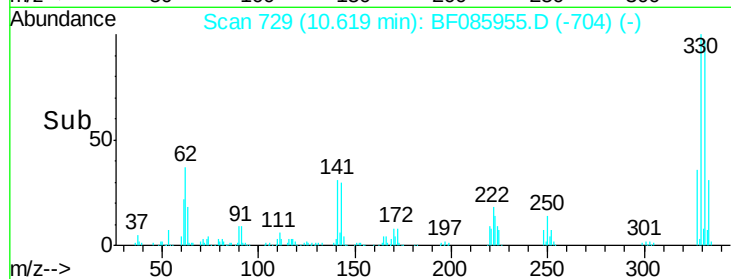
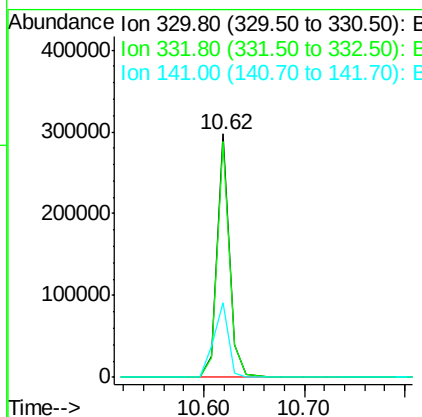
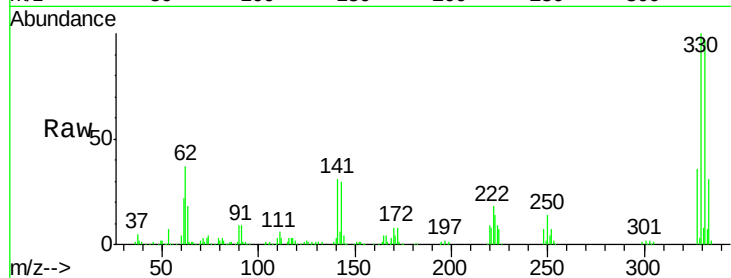




#41
 2,4,6-Tribromophenol
 Concen: 143.69 ng
 RT: 10.62 min Scan# 729
 Delta R.T. -0.01 min
 Lab File: BF085955.D
 Acq: 1 Apr 2016 4:31

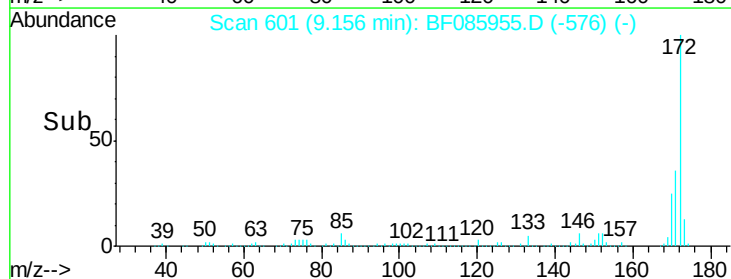
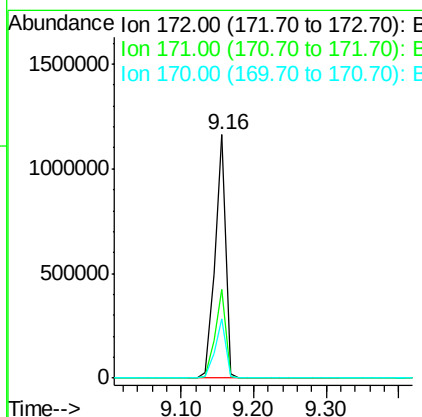
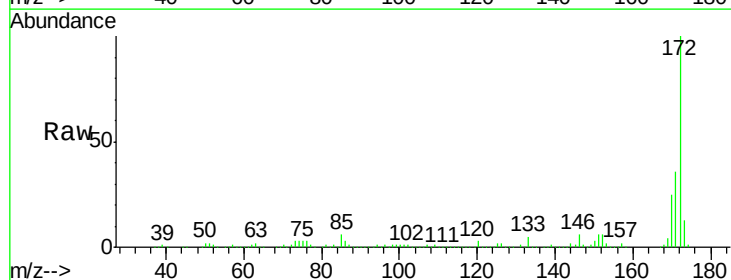
Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-32(0.5-15.0COMP)

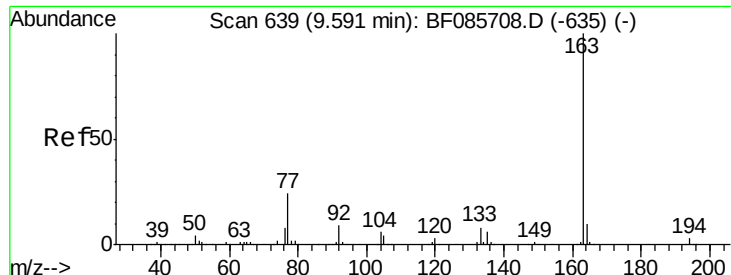
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	78.2	117.2
141	36.9	31.5	47.3



#44
 2-Fluorobiphenyl
 Concen: 105.82 ng
 RT: 9.16 min Scan# 601
 Delta R.T. -0.01 min
 Lab File: BF085955.D
 Acq: 1 Apr 2016 4:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.2
170	24.5	19.8	29.6

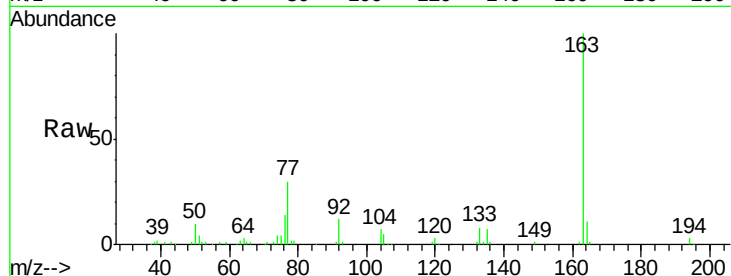




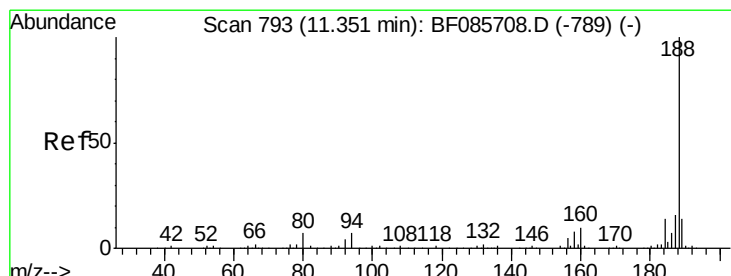
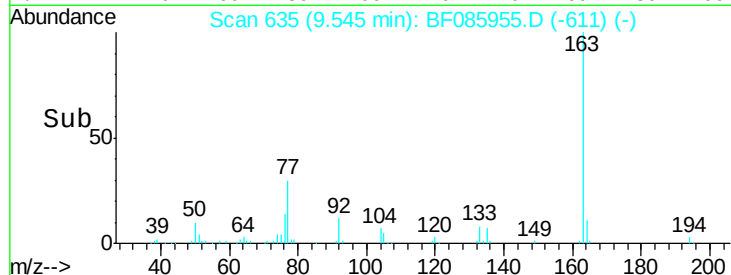
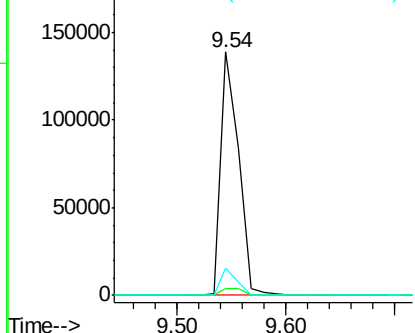
#49
Dimethylphthalate
Concen: 11.26 ng
RT: 9.54 min Scan# 635
Delta R.T. -0.02 min
Lab File: BF085955.D
Acq: 1 Apr 2016 4:31

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-32(0.5-15.0COMP)

Tgt Ion:163 Resp: 159313
Ion Ratio Lower Upper
163 100
194 3.0 2.9 4.3
164 11.0 8.3 12.5

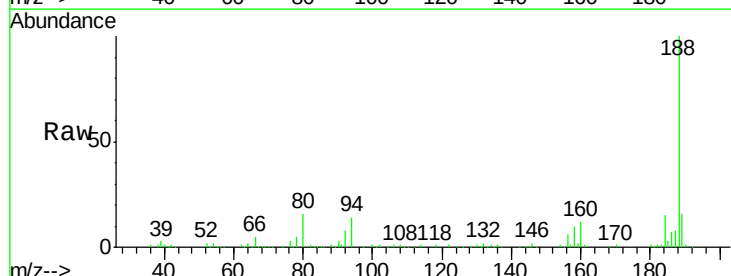


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

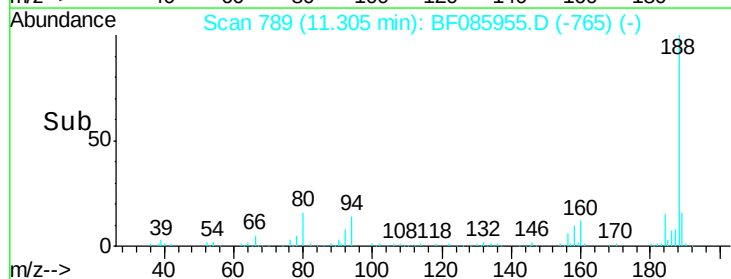
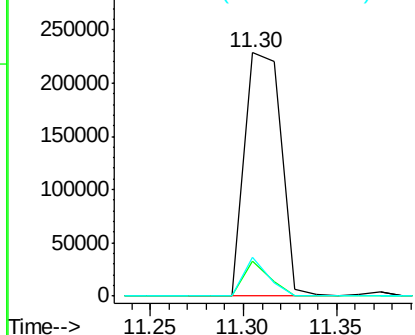


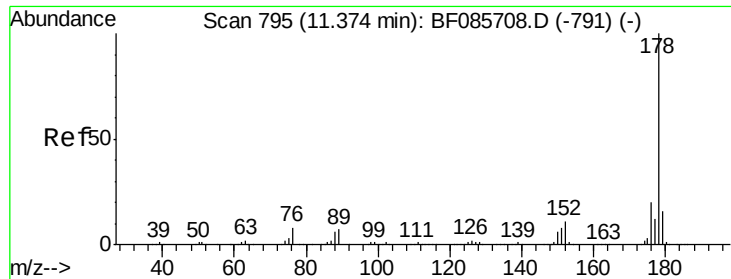
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 789
Delta R.T. -0.02 min
Lab File: BF085955.D
Acq: 1 Apr 2016 4:31

Tgt Ion:188 Resp: 314139
Ion Ratio Lower Upper
188 100
94 14.2 5.4 8.0#
80 15.9 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

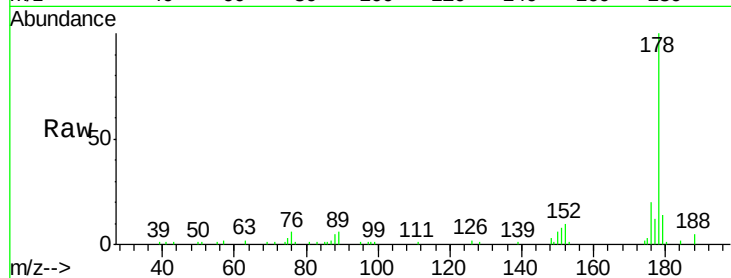




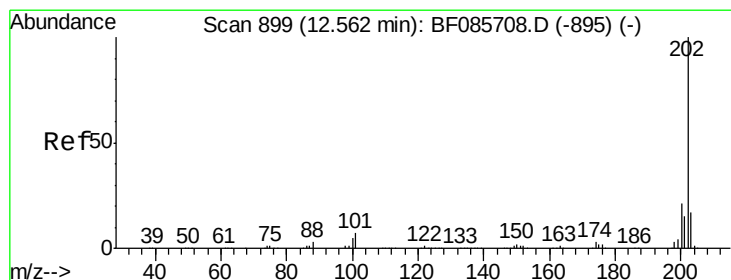
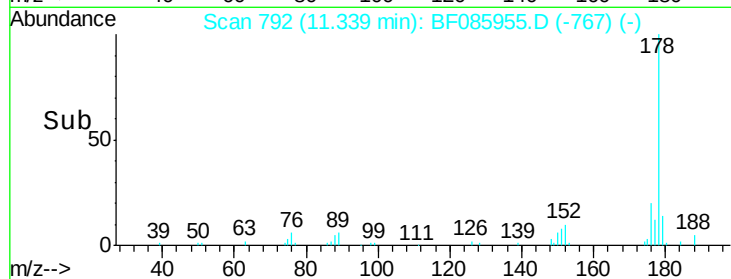
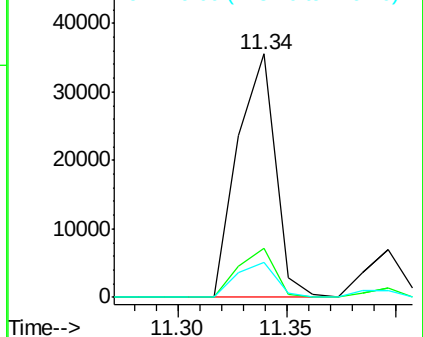
#70
Phenanthrene
Concen: 2.66 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF085955.D
Acq: 1 Apr 2016 4:31

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-32(0.5-15.0COMP)

Tgt Ion:178 Resp: 42841
Ion Ratio Lower Upper
178 100
176 20.1 16.3 24.5
179 14.5 12.6 18.8

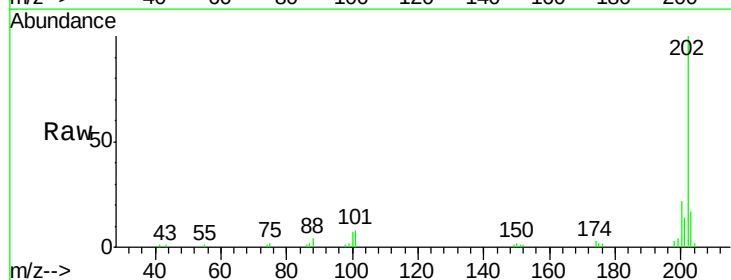


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

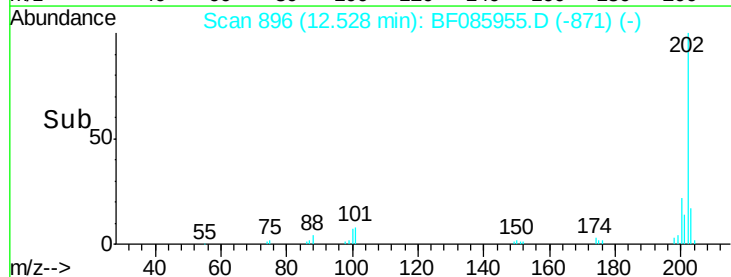
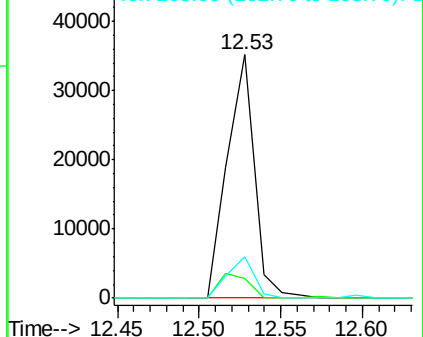


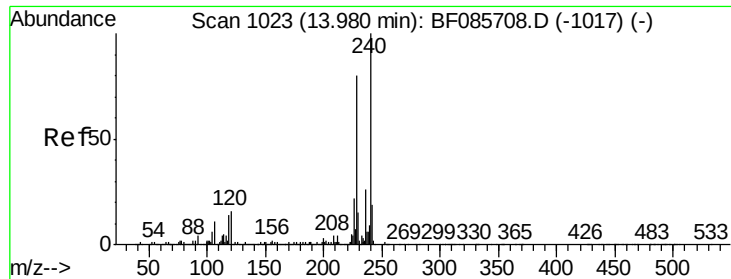
#74
Fluoranthene
Concen: 2.35 ng
RT: 12.53 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF085955.D
Acq: 1 Apr 2016 4:31

Tgt Ion:202 Resp: 40279
Ion Ratio Lower Upper
202 100
101 8.1 0.0 36.6
203 16.9 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

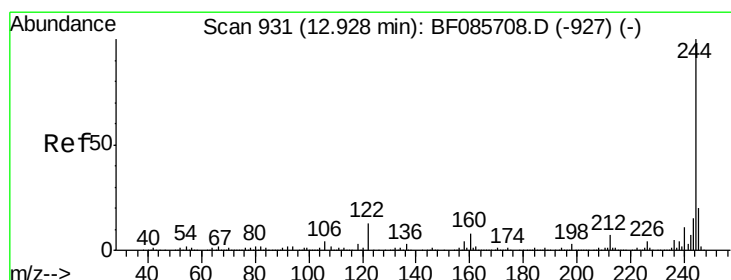
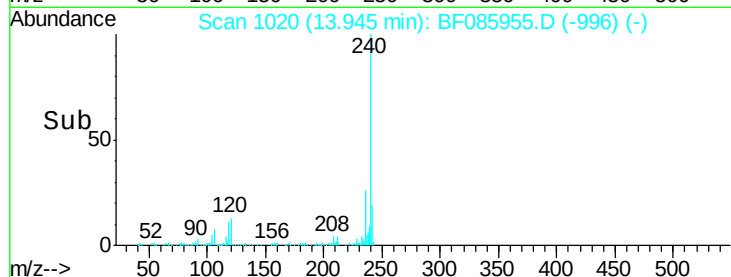
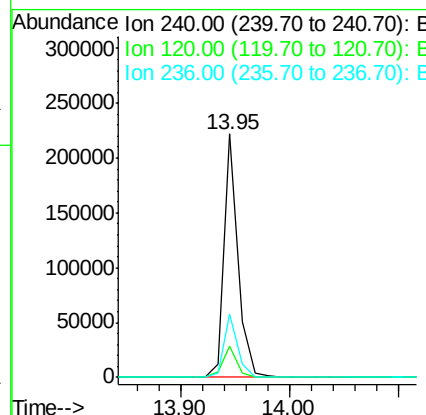
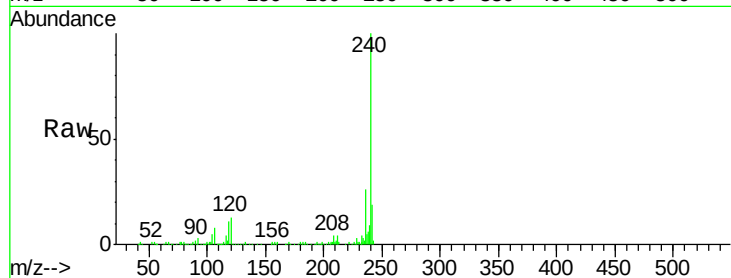




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF085955.D
Acq: 1 Apr 2016 4:31

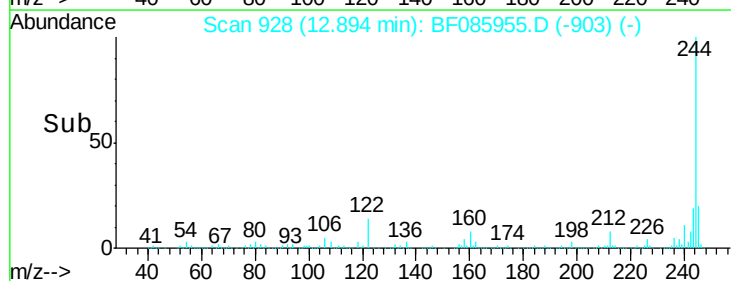
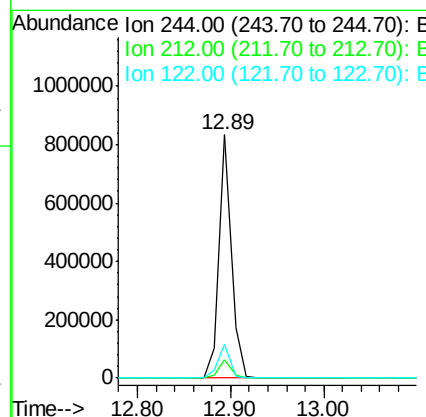
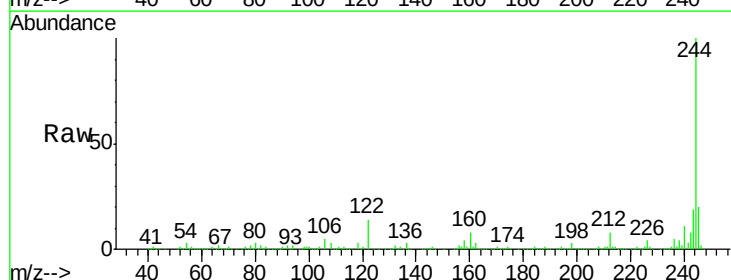
Instrument :
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AMBOY-SB-32(0.5-15.0COMP)

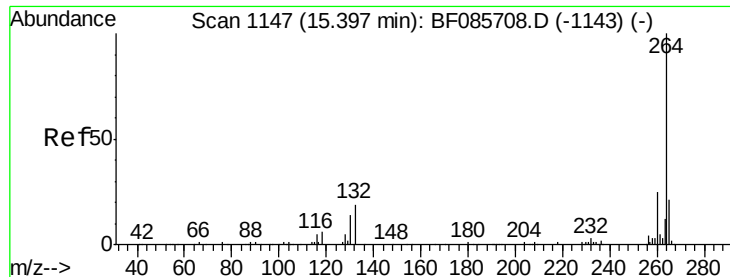
Tgt Ion:240 Resp: 200389
Ion Ratio Lower Upper
240 100
120 13.0 13.8 20.8#
236 26.0 20.6 30.8



#78
Terphenyl-d14
Concen: 78.80 ng
RT: 12.89 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF085955.D
Acq: 1 Apr 2016 4:31

Tgt Ion:244 Resp: 767806
Ion Ratio Lower Upper
244 100
212 7.6 6.1 9.1
122 14.1 10.2 15.4

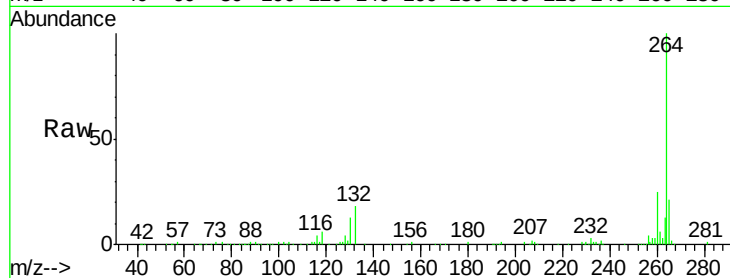




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF085955.D
Acq: 1 Apr 2016 4:31

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-32(0.5-15.0COMP)

Tgt Ion: 264 Resp: 194701
Ion Ratio Lower Upper
264 100
260 24.5 19.4 29.2
265 20.5 17.2 25.8



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

