

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
 Data File : BF089655.D
 Acq On : 6 Aug 2016 7:32
 Operator : UM/SJ
 Sample : H4364-01
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MMA-FL-01

Quant Time: Aug 08 00:58:41 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 01:39:23 2016
 Response via : Initial Calibration

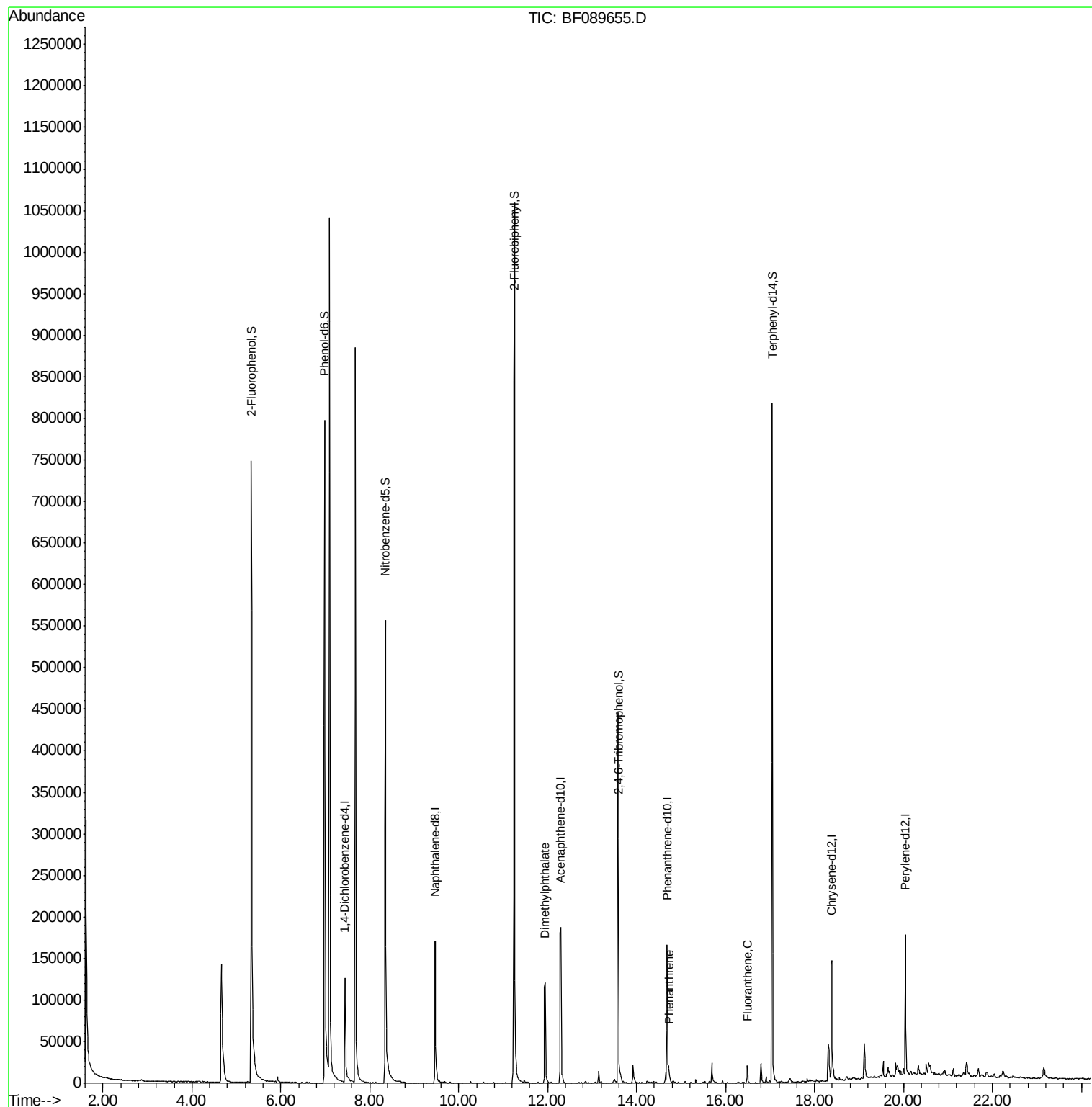
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	41608	20.00	ng	-0.01
21) Naphthalene-d8	9.47	136	162609	20.00	ng	0.00
38) Acenaphthene-d10	12.30	164	66847	20.00	ng	0.00
63) Phenanthrene-d10	14.69	188	100908	20.00	ng	-0.01
75) Chrysene-d12	18.39	240	84294	20.00	ng	0.00
86) Perylene-d12	20.05	264	75764	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	402107	161.98	ng	0.02
7) Phenol-d6	6.98	99	521152	154.75	ng	0.00
23) Nitrobenzene-d5	8.35	82	329852	112.20	ng	-0.01
41) 2,4,6-Tribromophenol	13.59	330	74676	135.37	ng	0.00
44) 2-Fluorobiphenyl	11.26	172	571254	111.06	ng	0.00
78) Terphenyl-d14	17.05	244	321417	75.27	ng	0.00
Target Compounds						
49) Dimethylphthalate	11.94	163	94690	18.07	ng	Qvalue 100
70) Phenanthrene	14.73	178	13911	2.54	ng	98
74) Fluoranthene	16.49	202	13730	2.43	ng	98

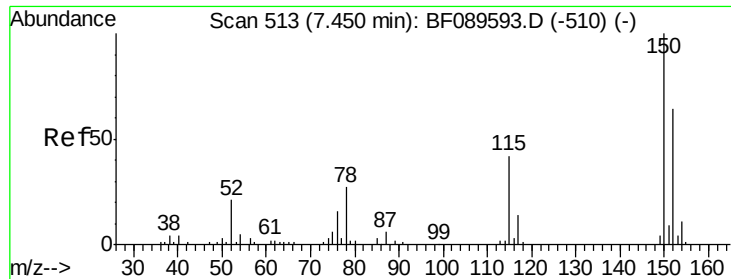
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.44 min Scan# 512

Delta R.T. -0.01 min

Lab File: BF089655.D

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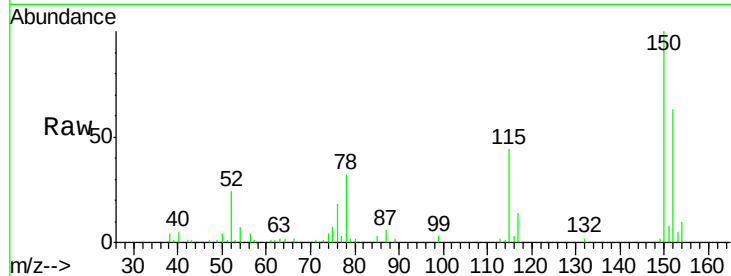
Tgt Ion:152 Resp: 41608

Ion Ratio Lower Upper

152 100

150 159.5 125.5 188.3

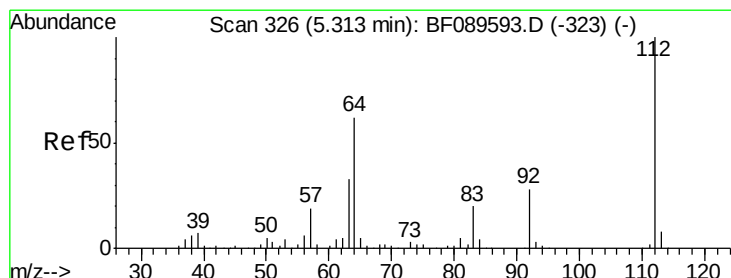
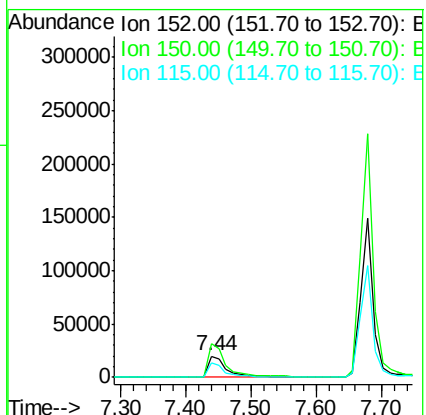
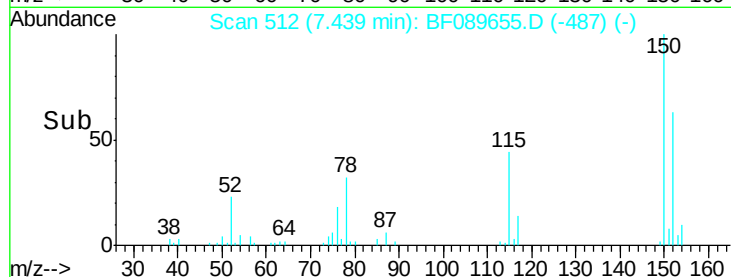
115 69.9 52.0 78.0



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: 161.98 ng

RT: 5.34 min Scan# 328

Delta R.T. 0.02 min

Lab File: BF089655.D

Acq: 6 Aug 2016 7:32

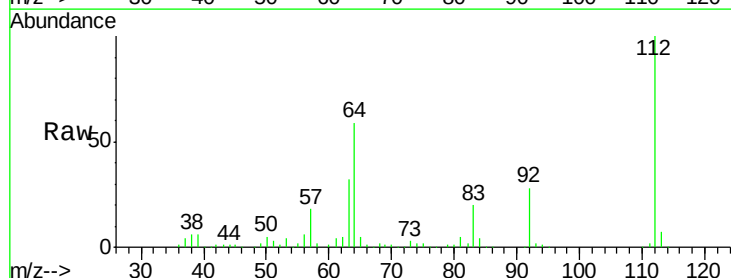
Tgt Ion:112 Resp: 402107

Ion Ratio Lower Upper

112 100

64 59.5 49.9 74.9

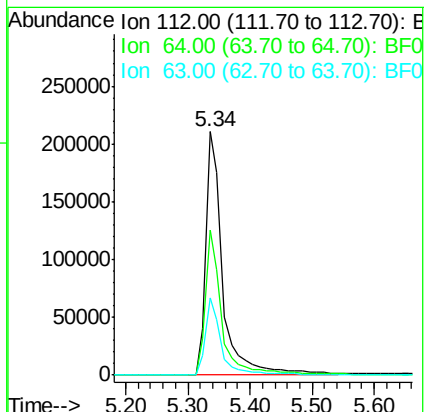
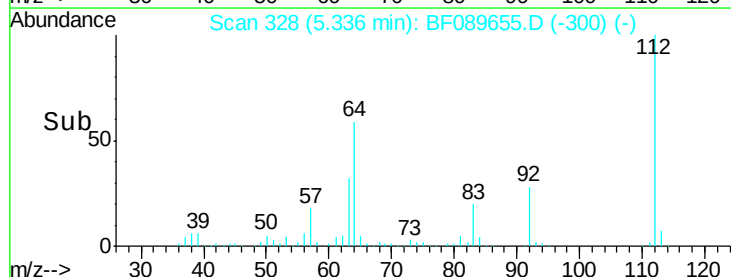
63 31.8 26.1 39.1

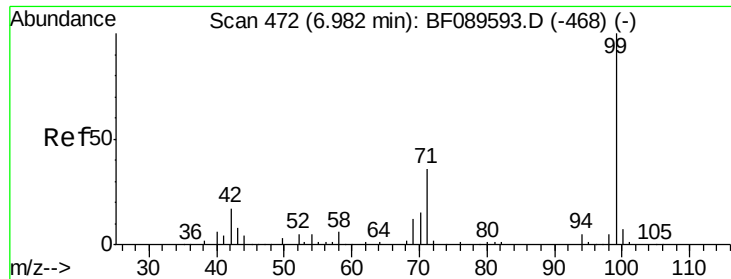


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 154.75 ng

RT: 6.98 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF089655.D

Acq: 6 Aug 2016 7:32

Instrument :

BNA_F

ClientSampleId :

MMA-FL-01

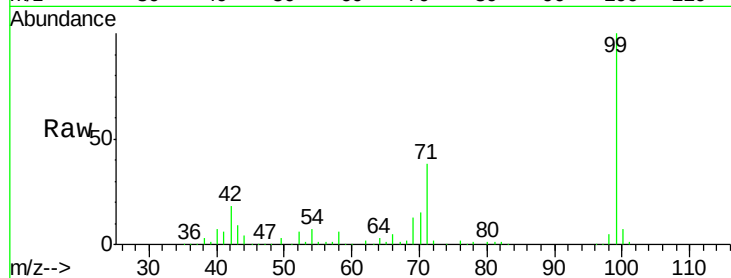
Tgt Ion: 99 Resp: 521152

Ion Ratio Lower Upper

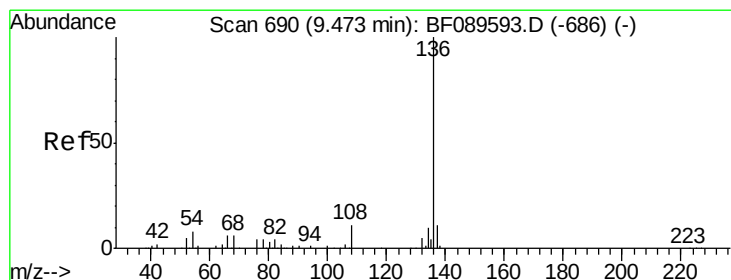
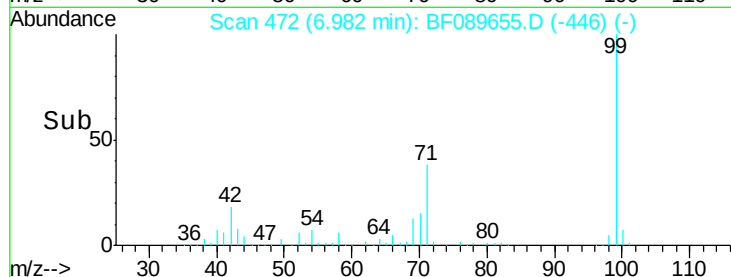
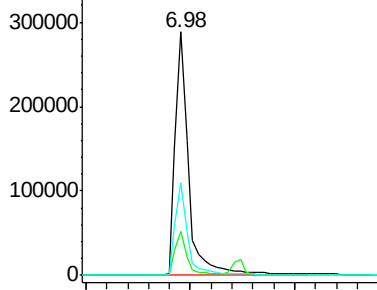
99 100

42 17.9 13.7 20.5

71 37.8 29.0 43.4



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: 9.47 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF089655.D

Acq: 6 Aug 2016 7:32

Tgt Ion: 136 Resp: 162609

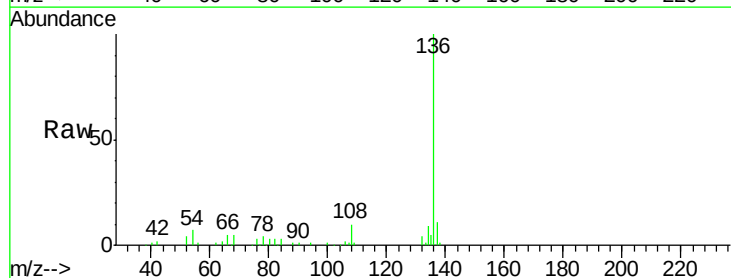
Ion Ratio Lower Upper

136 100

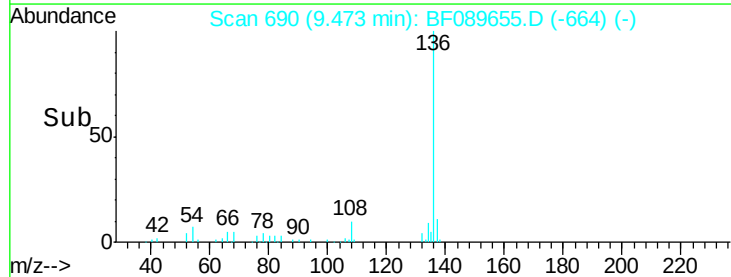
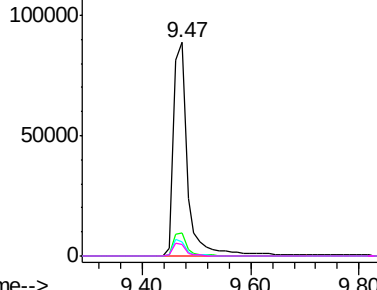
137 10.7 8.6 12.8

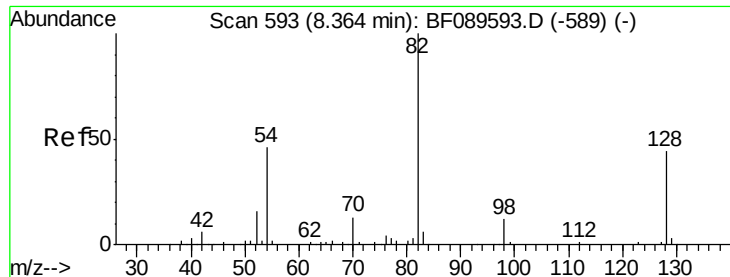
54 6.7 6.0 9.0

68 5.1 4.6 6.8



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

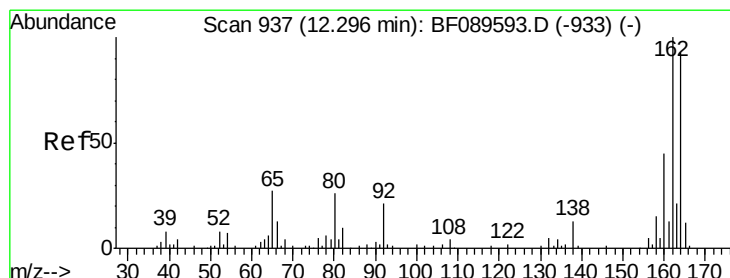
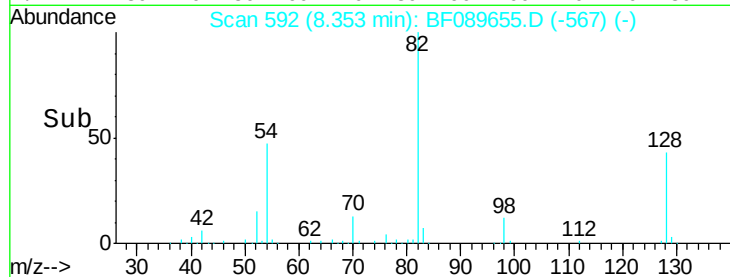
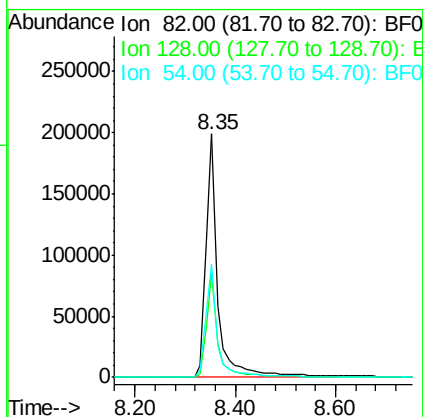
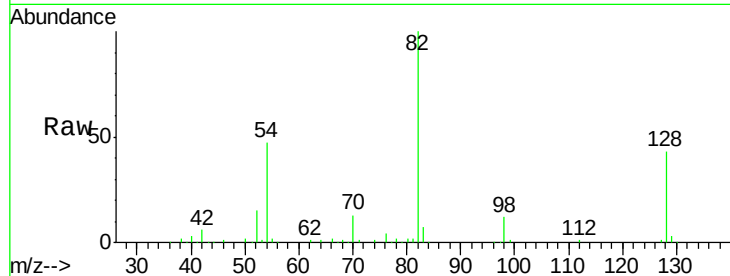




#23
 Nitrobenzene-d5
 Concen: 112.20 ng
 RT: 8.35 min Scan# 592
 Delta R.T. -0.01 min
 Lab File: BF089655.D
 Acq: 6 Aug 2016 7:32

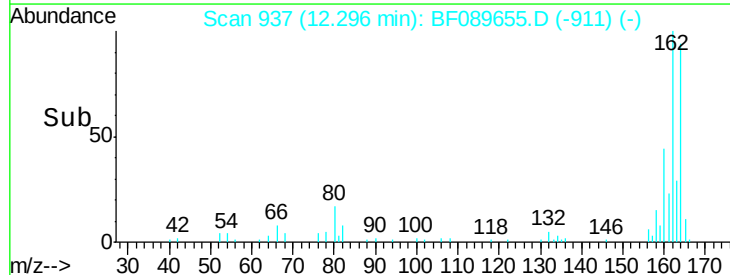
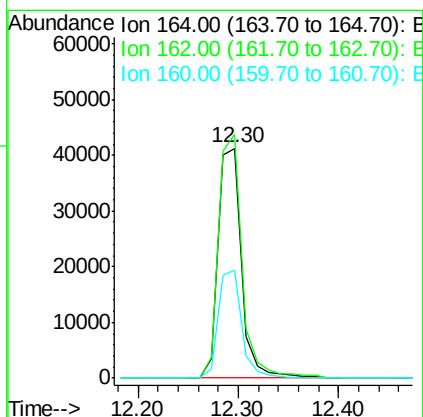
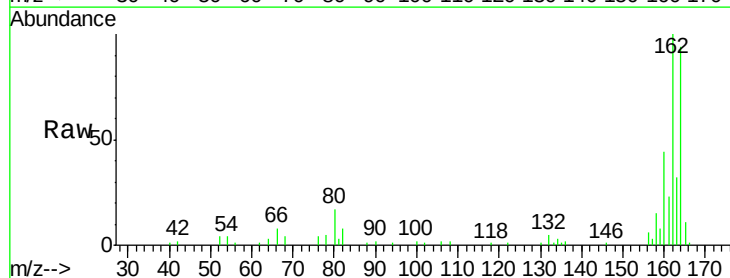
Instrument :
 BNA_F
 ClientSampleId :
 MMA-FL-01

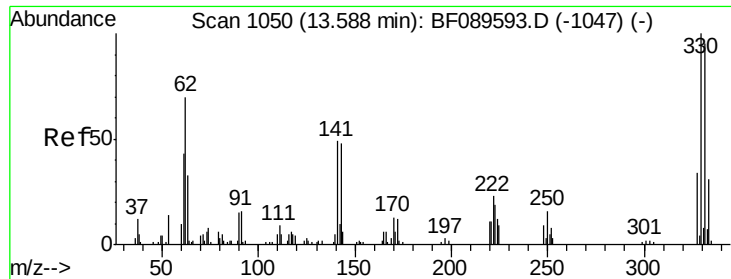
Tgt Ion: 82 Resp: 329852
 Ion Ratio Lower Upper
 82 100
 128 42.7 35.4 53.0
 54 46.5 36.4 54.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.30 min Scan# 937
 Delta R.T. 0.00 min
 Lab File: BF089655.D
 Acq: 6 Aug 2016 7:32

Tgt Ion: 164 Resp: 66847
 Ion Ratio Lower Upper
 164 100
 162 105.9 85.7 128.5
 160 47.1 38.2 57.4

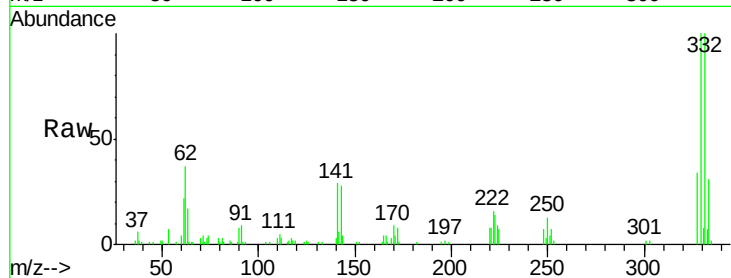




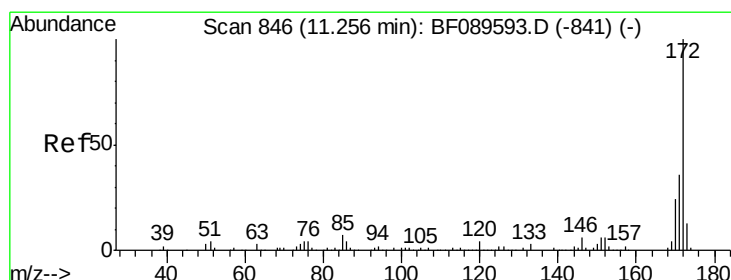
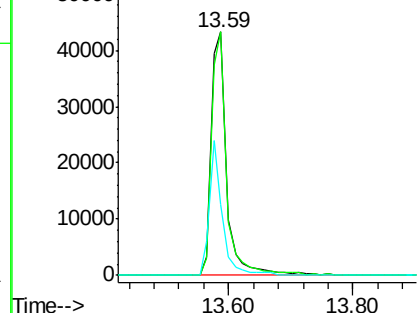
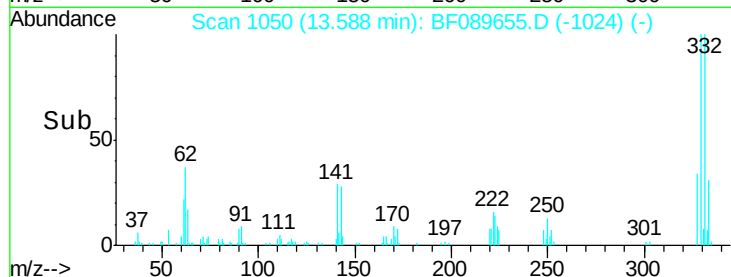
#41
 2,4,6-Tribromophenol
 Concen: 135.37 ng
 RT: 13.59 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF089655.D
 Acq: 6 Aug 2016 7:32

Instrument :
 BNA_F
 ClientSampleId :
 MMA-FL-01

Tgt Ion:330 Resp: 74676
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.0 115.6
 141 46.5 38.6 57.8

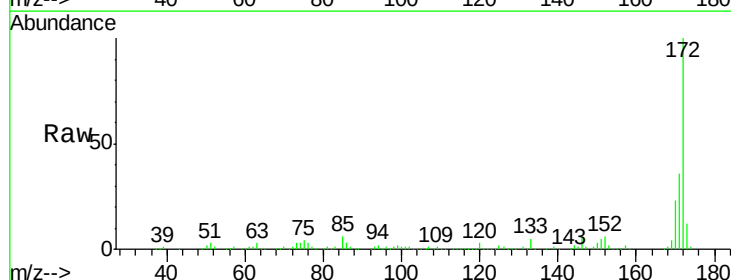


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

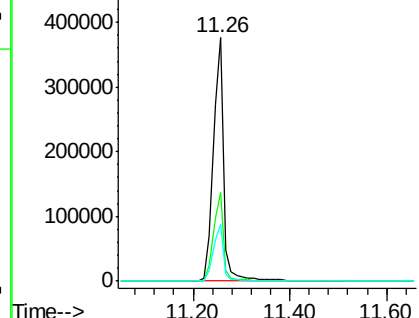
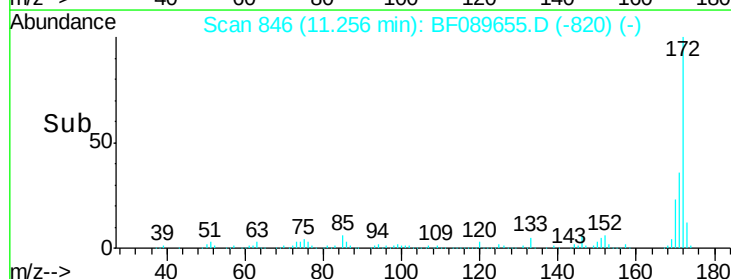


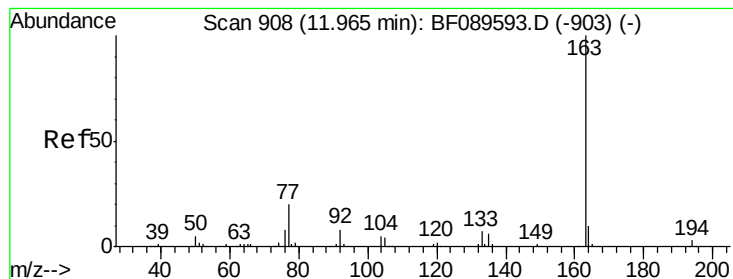
#44
 2-Fluorobiphenyl
 Concen: 111.06 ng
 RT: 11.26 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BF089655.D
 Acq: 6 Aug 2016 7:32

Tgt Ion:172 Resp: 571254
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.9 43.3
 170 23.5 19.0 28.6



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: 18.07 ng

RT: 11.94 min Scan# 906

Delta R.T. -0.02 min

Lab File: BF089655.D

Acq: 6 Aug 2016 7:32

Instrument :

BNA_F

ClientSampleId :

MMA-FL-01

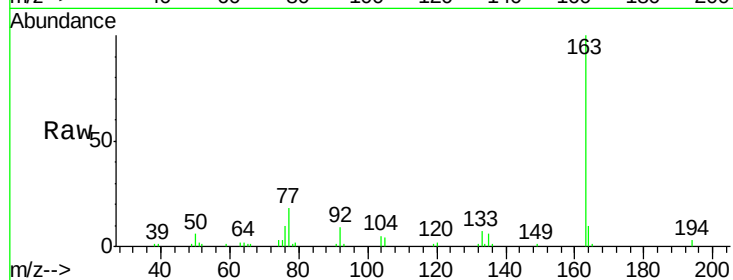
Tgt Ion:163 Resp: 94690

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

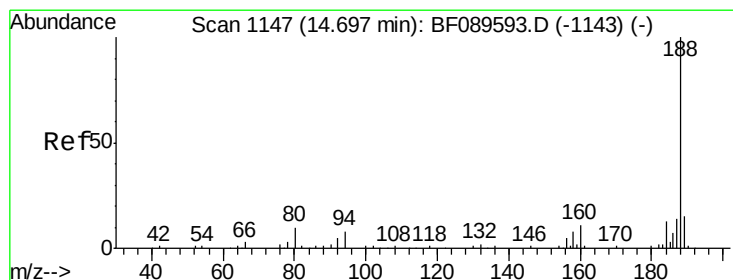
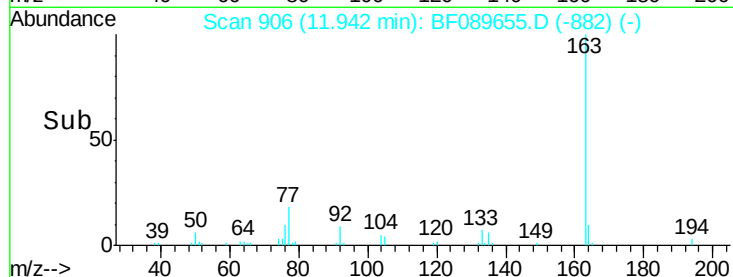
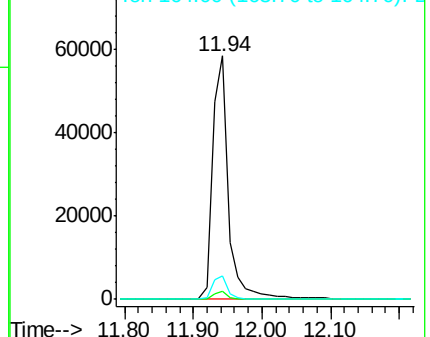
164 9.5 7.8 11.6



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: 14.69 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BF089655.D

Acq: 6 Aug 2016 7:32

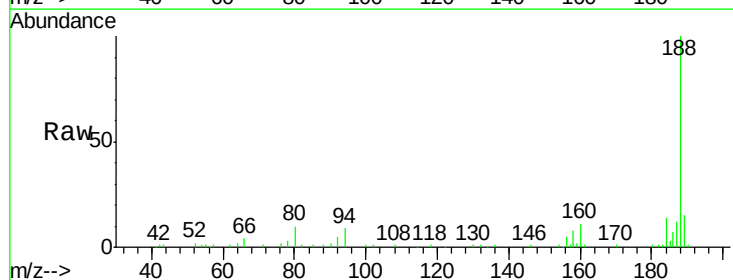
Tgt Ion:188 Resp: 100908

Ion Ratio Lower Upper

188 100

94 9.2 6.5 9.7

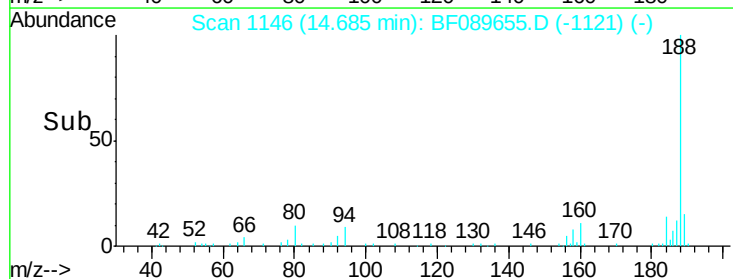
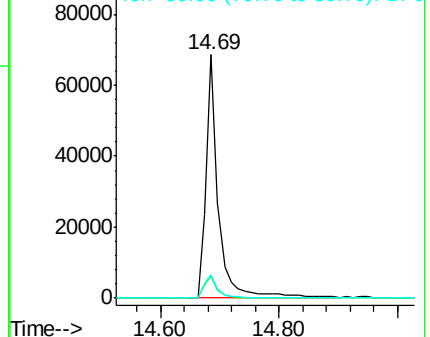
80 9.8 8.0 12.0

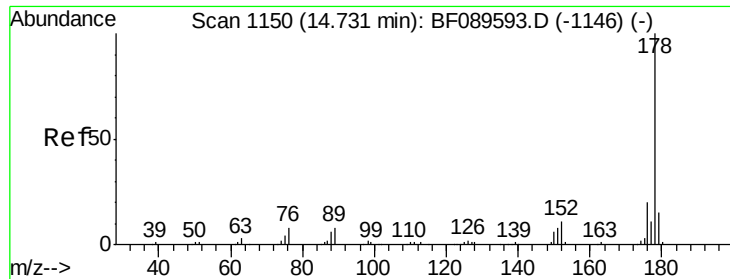


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 2.54 ng

RT: 14.73 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BF089655.D

Acq: 6 Aug 2016 7:32

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MMA-FL-01

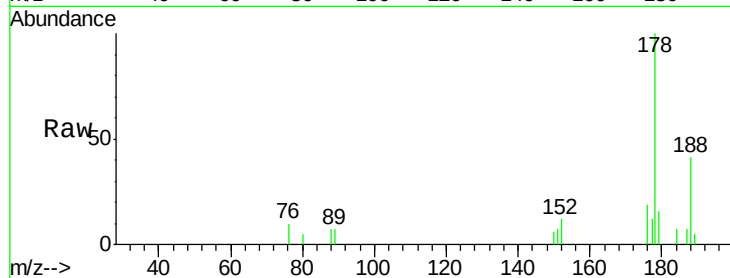
Tgt Ion:178 Resp: 13911

Ion Ratio Lower Upper

178 100

176 18.9 15.7 23.5

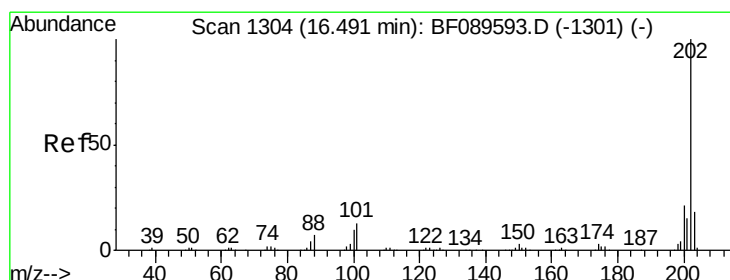
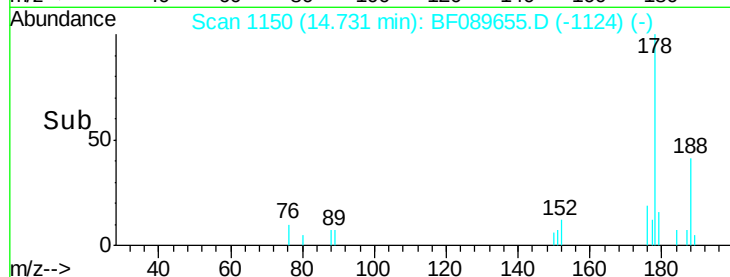
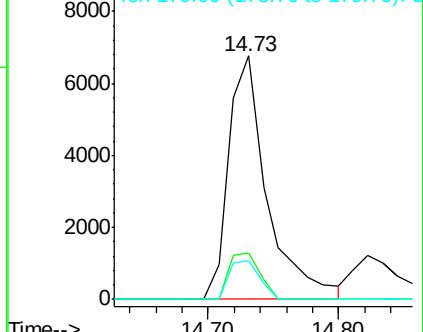
179 16.0 12.2 18.2



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: 2.43 ng

RT: 16.49 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF089655.D

Acq: 6 Aug 2016 7:32

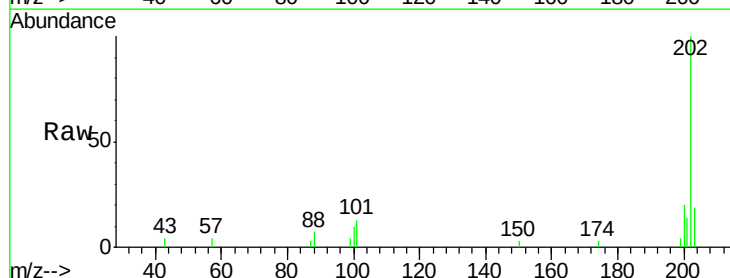
Tgt Ion:202 Resp: 13730

Ion Ratio Lower Upper

202 100

101 13.2 0.0 32.7

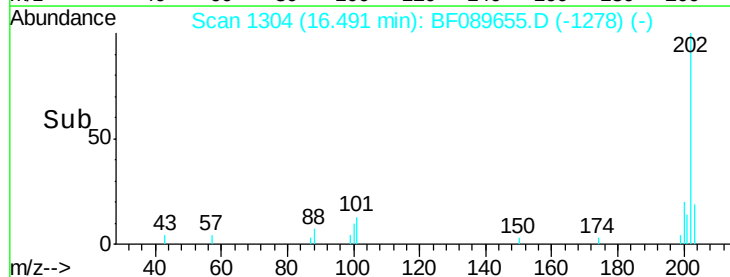
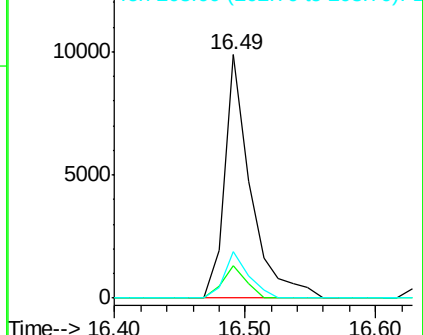
203 18.9 0.0 37.8

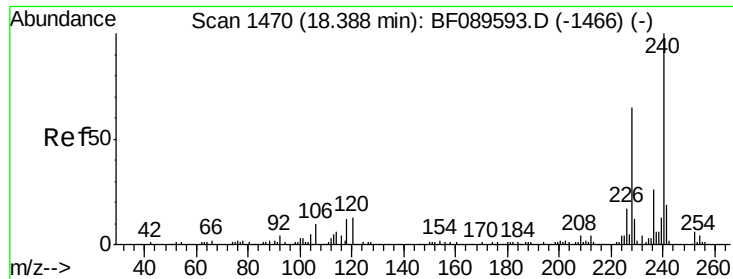


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

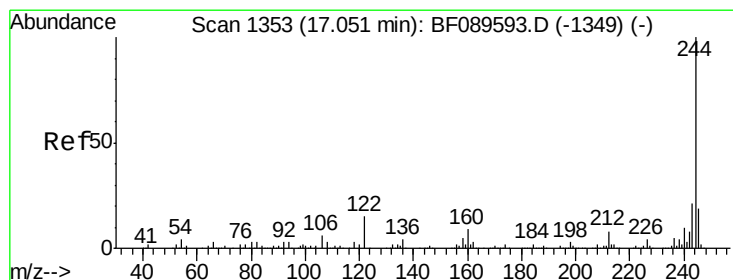
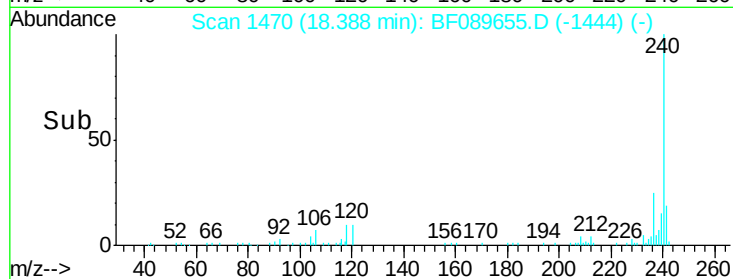
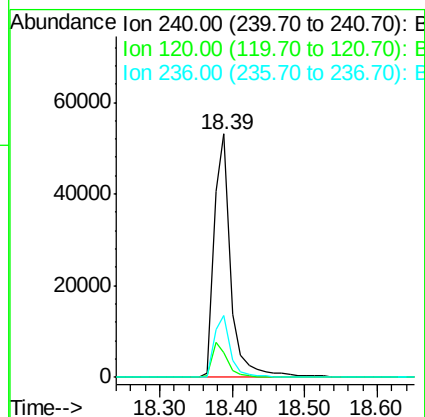
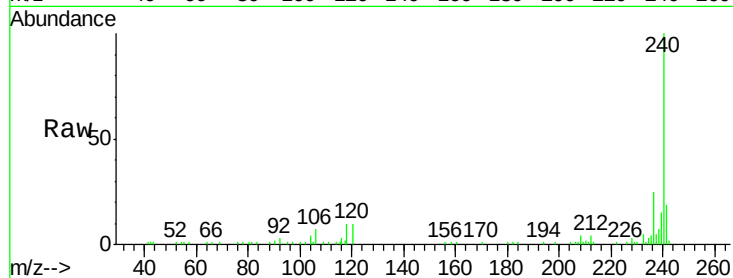




#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.39 min Scan# 1470
Delta R.T. 0.00 min
Lab File: BF089655.D
Acq: 6 Aug 2016 7:32

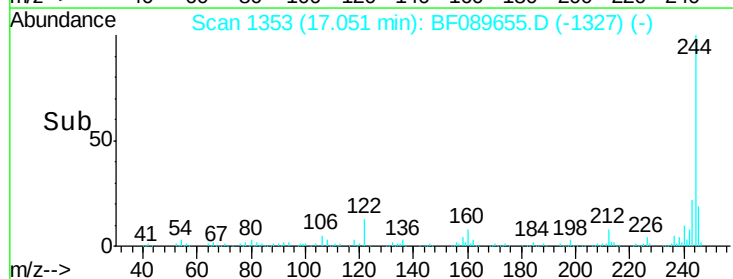
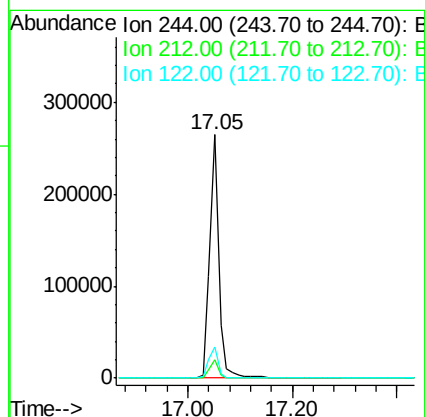
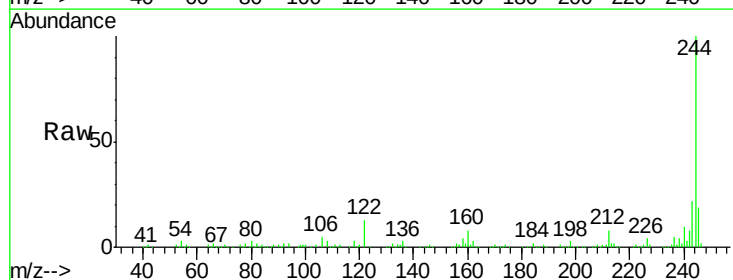
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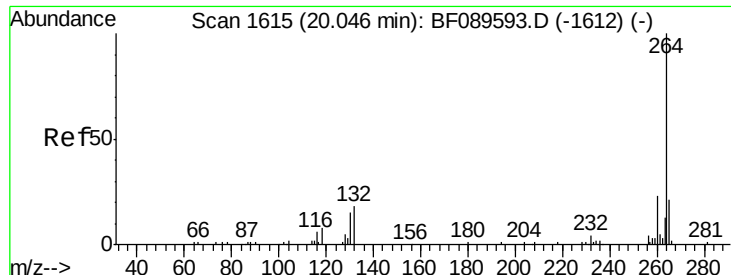
Tgt Ion:240 Resp: 84294
Ion Ratio Lower Upper
240 100
120 10.1 10.6 15.8#
236 25.4 20.6 30.8



#78
Terphenyl-d14
Concen: 75.27 ng
RT: 17.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF089655.D
Acq: 6 Aug 2016 7:32

Tgt Ion:244 Resp: 321417
Ion Ratio Lower Upper
244 100
212 7.8 6.4 9.6
122 12.8 12.2 18.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 20.05 min Scan# 1615
Delta R.T. 0.00 min
Lab File: BF089655.D
Acq: 6 Aug 2016 7:32

Instrument :
BNA_F
ClientSampleId :
MMA-FL-01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	21.3	16.5	24.7

