

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
 Data File : BF089656.D
 Acq On : 6 Aug 2016 8:06
 Operator : UM/SJ
 Sample : H4364-02
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MMA-OS-02

Quant Time: Aug 08 00:52:05 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

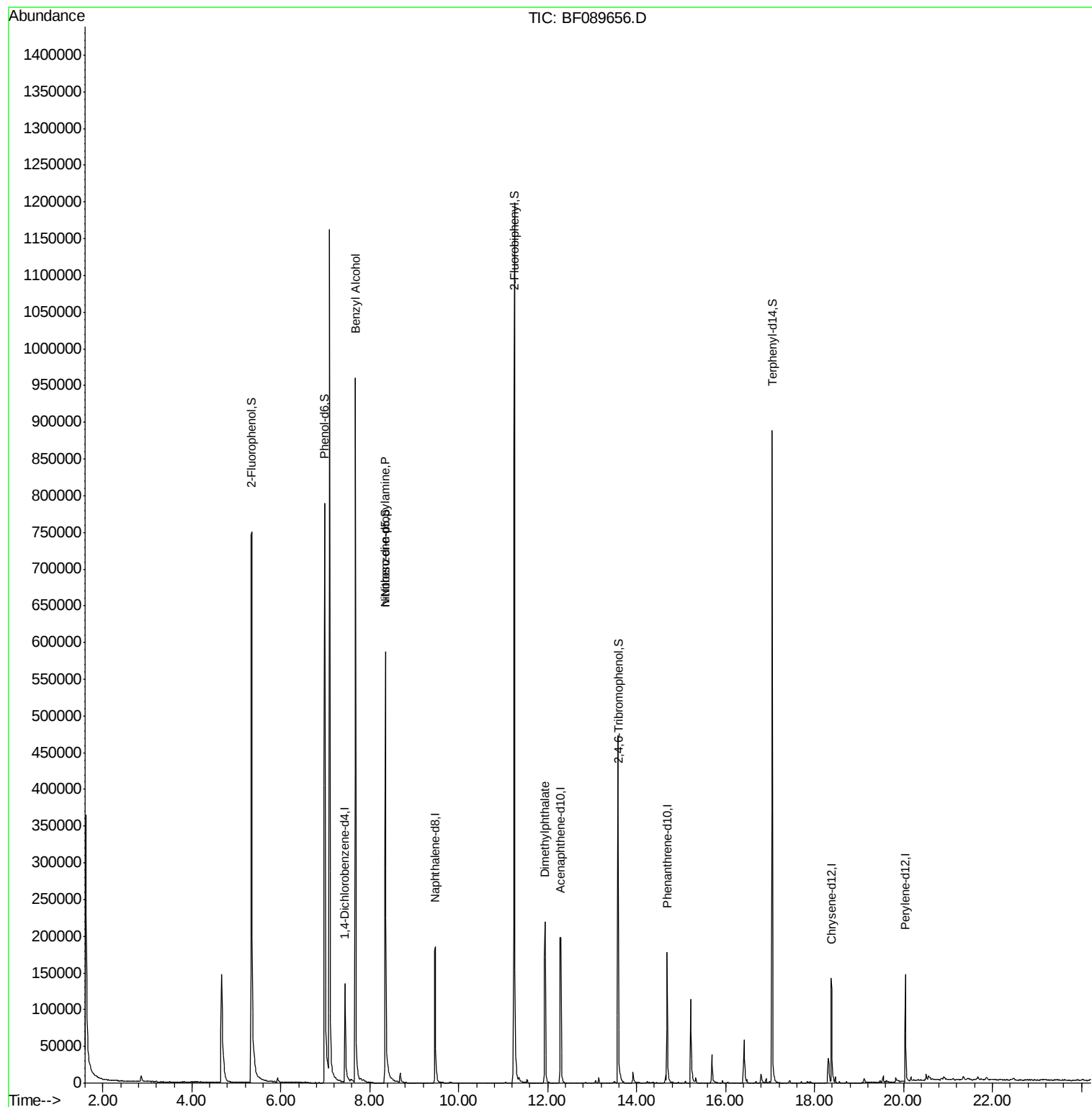
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	44157	20.00	ng	-0.01
21) Naphthalene-d8	9.47	136	171402	20.00	ng	0.00
38) Acenaphthene-d10	12.28	164	71895	20.00	ng	-0.01
63) Phenanthrene-d10	14.69	188	110135	20.00	ng	-0.01
75) Chrysene-d12	18.39	240	86187	20.00	ng	0.00
86) Perylene-d12	20.05	264	73112	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	444764	168.82	ng	0.04
7) Phenol-d6	6.98	99	600764	168.09	ng	0.00
23) Nitrobenzene-d5	8.35	82	346334	111.76	ng	-0.01
41) 2,4,6-Tribromophenol	13.59	330	84319	142.12	ng	0.00
44) 2-Fluorobiphenyl	11.26	172	605471	109.45	ng	0.00
78) Terphenyl-d14	17.05	244	339581	77.78	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	7.68	79	5622	2.40	ng	# 48
19) n-Nitroso-di-n-propylamine	8.35	70	42402	16.42	ng	# 82
49) Dimethylphthalate	11.94	163	150967	26.79	ng	100

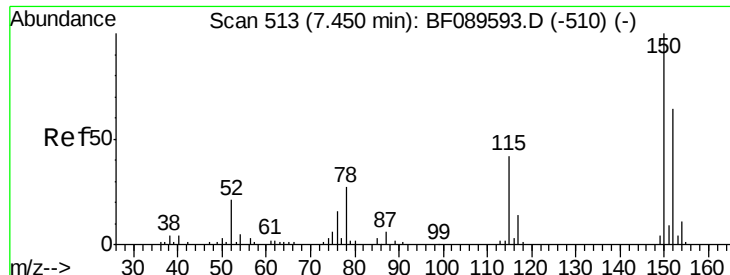
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF089656.D

Acq: 6 Aug 2016 8:06

Instrument :

BNA_F

ClientSampleId :

MMA-OS-02

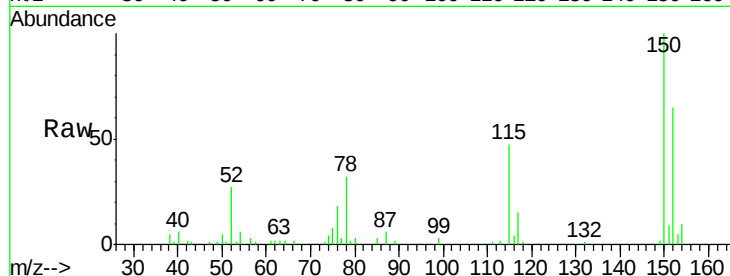
Tgt Ion:152 Resp: 44157

Ion Ratio Lower Upper

152 100

150 153.8 125.5 188.3

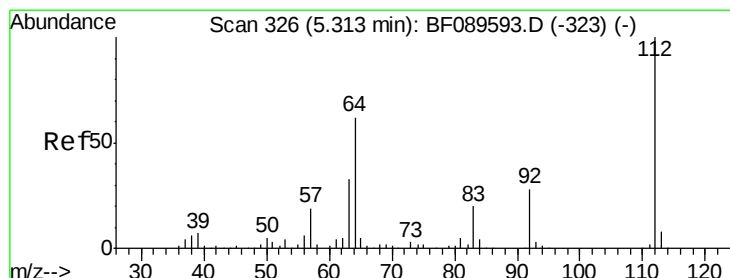
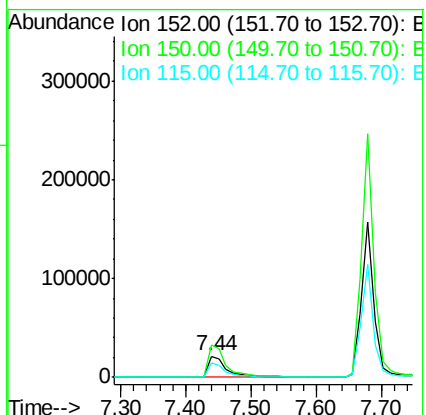
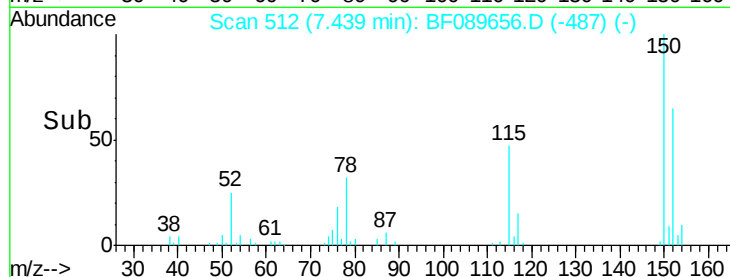
115 71.8 52.0 78.0



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: 168.82 ng

RT: 5.35 min Scan# 329

Delta R.T. 0.04 min

Lab File: BF089656.D

Acq: 6 Aug 2016 8:06

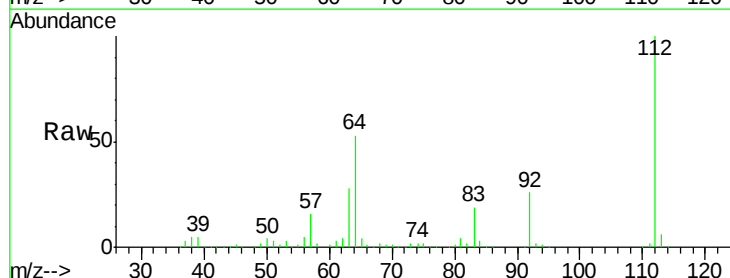
Tgt Ion:112 Resp: 444764

Ion Ratio Lower Upper

112 100

64 52.9 49.9 74.9

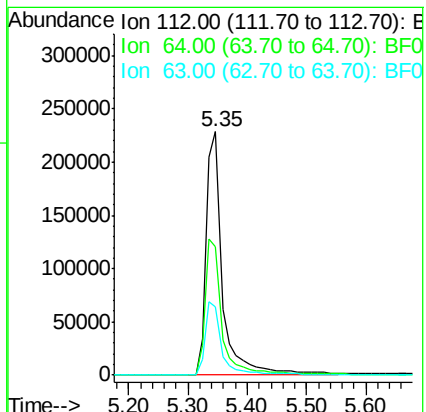
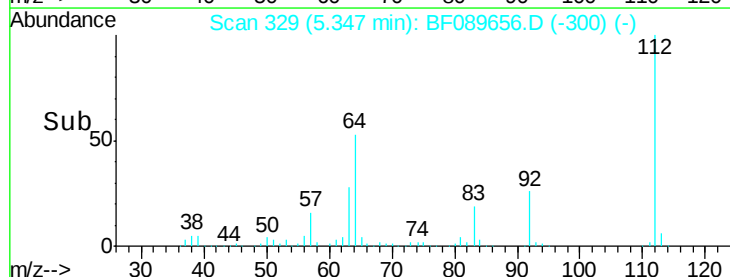
63 28.1 26.1 39.1

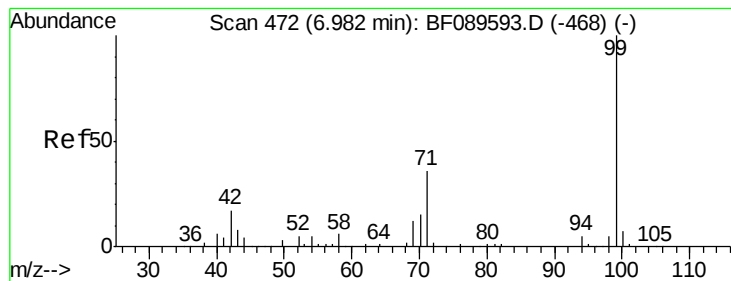


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 168.09 ng

RT: 6.98 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF089656.D

Acq: 6 Aug 2016 8:06

Instrument :

BNA_F

ClientSampleId :

MMA-OS-02

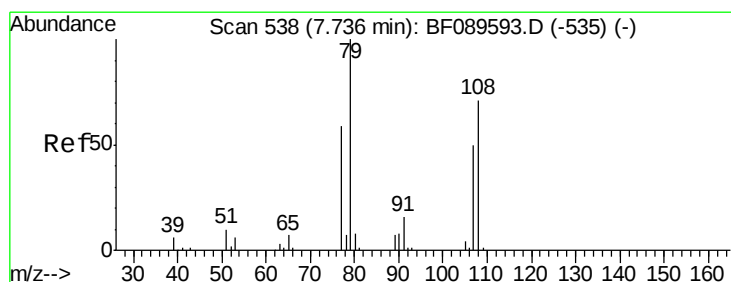
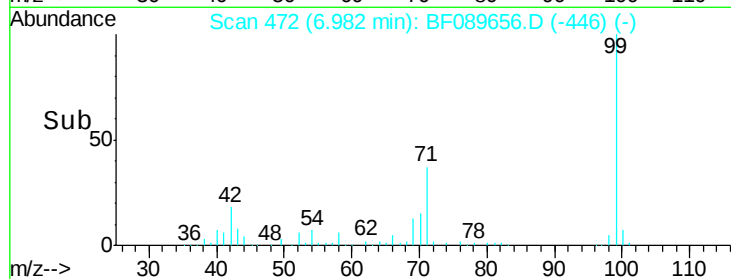
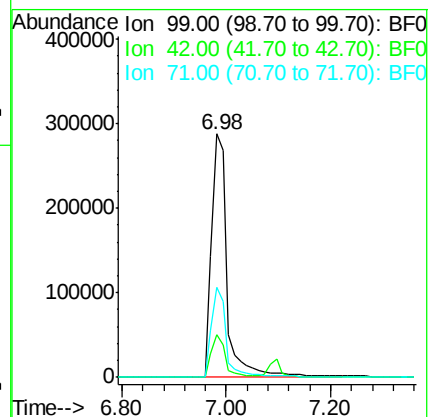
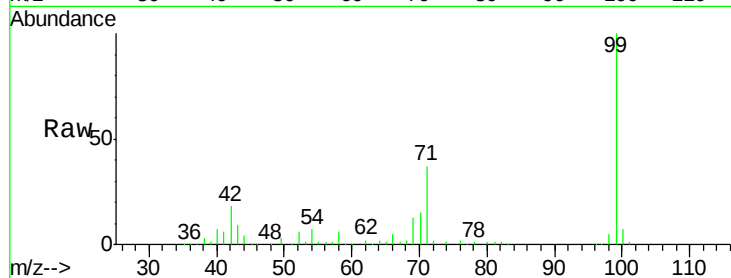
Tgt Ion: 99 Resp: 600764

Ion Ratio Lower Upper

99 100

42 17.8 13.7 20.5

71 36.8 29.0 43.4



#15

Benzyl Alcohol

Concen: 2.40 ng

RT: 7.68 min Scan# 533

Delta R.T. -0.06 min

Lab File: BF089656.D

Acq: 6 Aug 2016 8:06

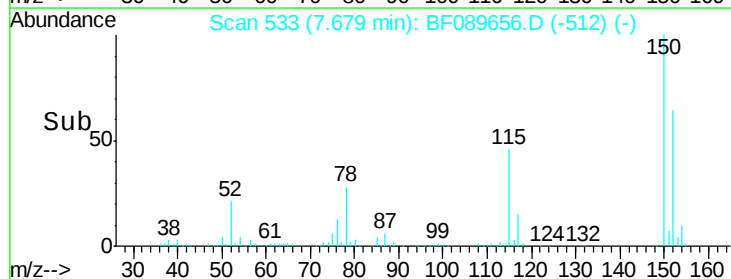
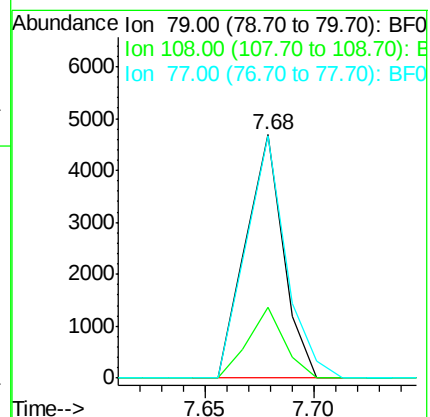
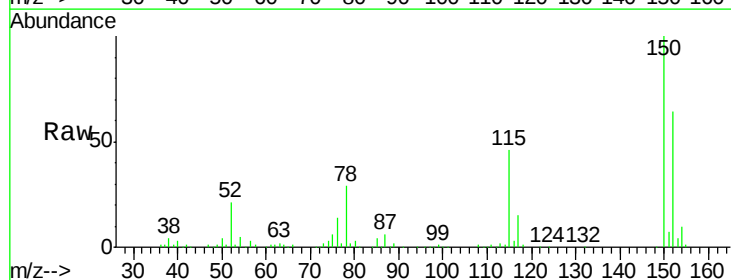
Tgt Ion: 79 Resp: 5622

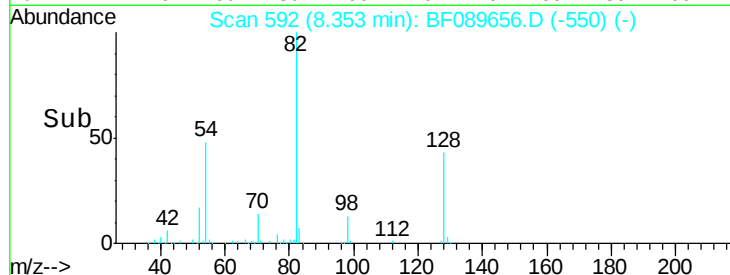
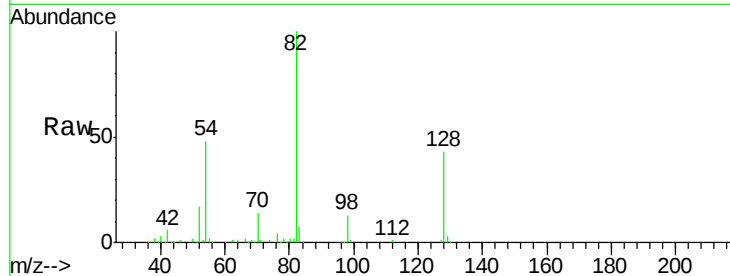
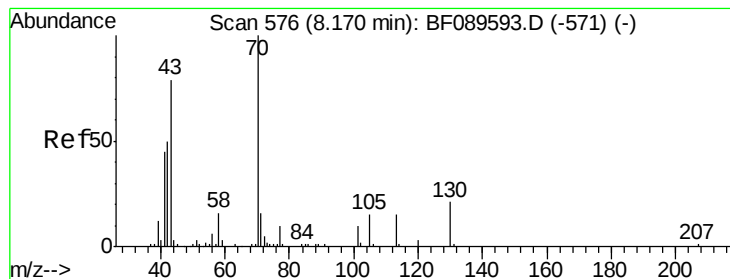
Ion Ratio Lower Upper

79 100

108 29.0 58.3 87.5#

77 99.5 48.7 73.1#





#19

n-Nitroso-di-n-propylamine

Concen: 16.42 ng

RT: 8.35 min Scan# 592

Delta R.T. 0.18 min

Lab File: BF089656.D

Acq: 6 Aug 2016 8:06

Instrument :

BNA_F

ClientSampleId :

MMA-OS-02

Tgt Ion: 70 Resp: 42402

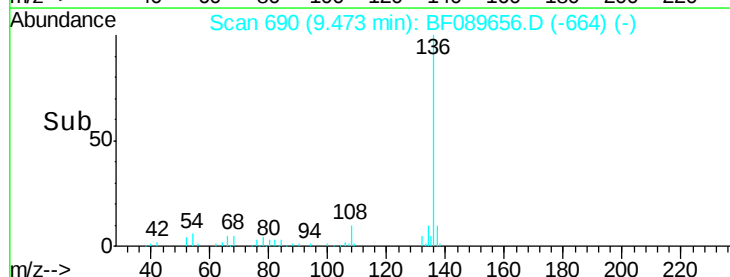
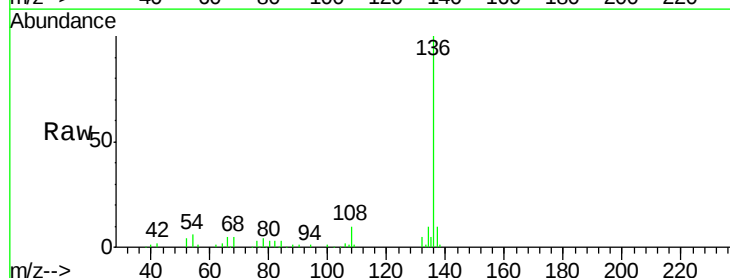
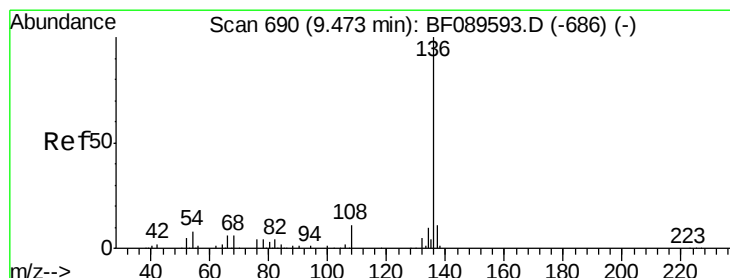
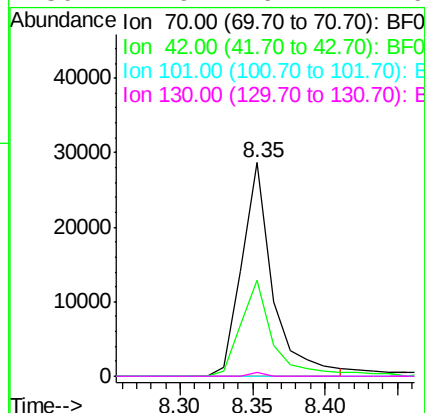
Ion Ratio Lower Upper

70 100

42 44.9 40.2 60.2

101 0.0 7.8 11.6#

130 1.9 16.4 24.6#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.47 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF089656.D

Acq: 6 Aug 2016 8:06

Tgt Ion: 136 Resp: 171402

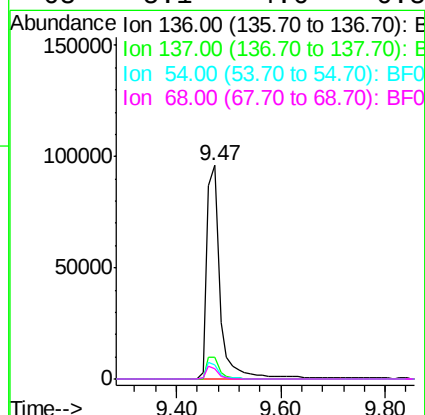
Ion Ratio Lower Upper

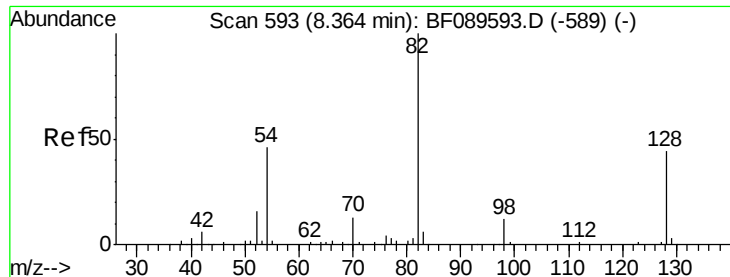
136 100

137 10.5 8.6 12.8

54 6.5 6.0 9.0

68 5.1 4.6 6.8

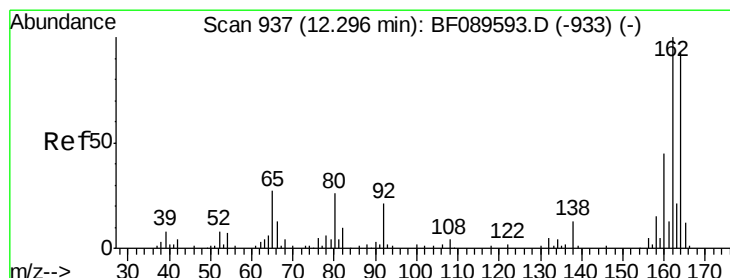
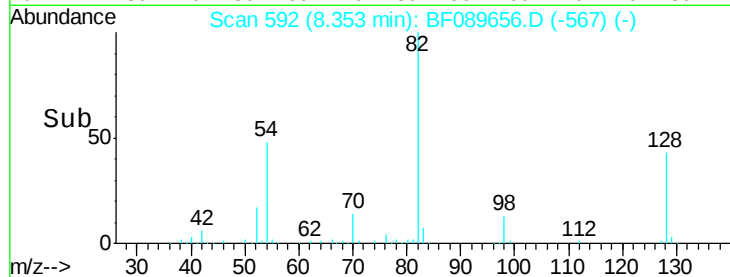
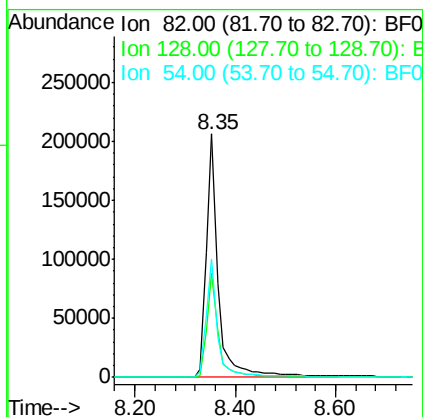
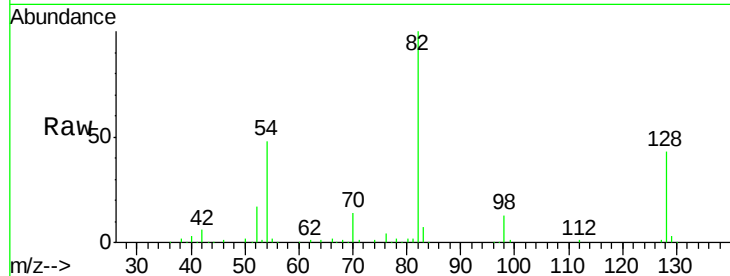




#23
 Nitrobenzene-d5
 Concen: 111.76 ng
 RT: 8.35 min Scan# 592
 Delta R.T. -0.01 min
 Lab File: BF089656.D
 Acq: 6 Aug 2016 8:06

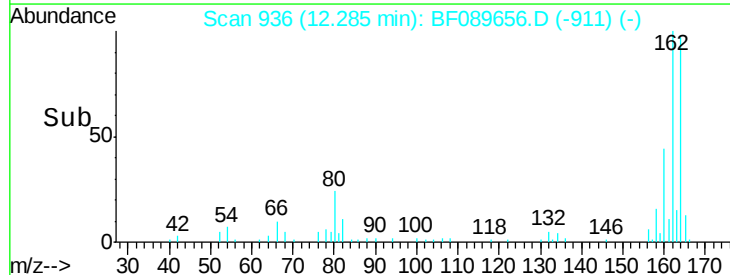
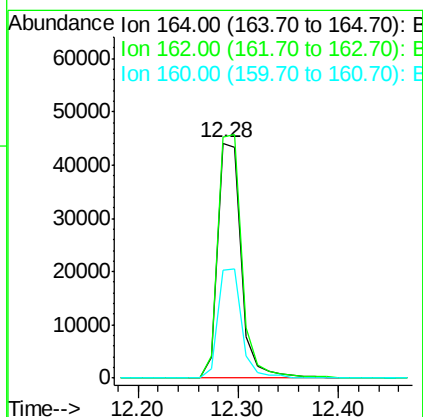
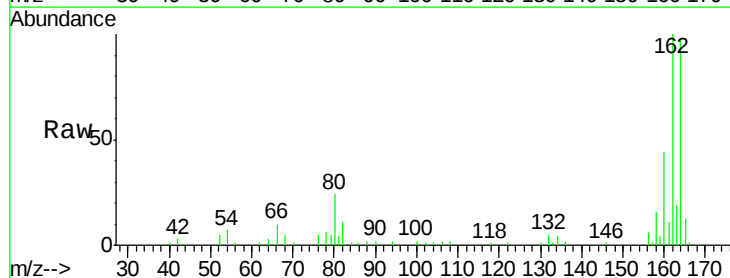
Instrument :
 BNA_F
 ClientSampleId :
 MMA-OS-02

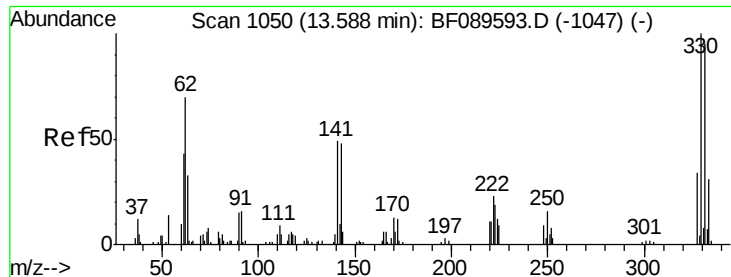
Tgt Ion: 82 Resp: 346334
 Ion Ratio Lower Upper
 82 100
 128 42.6 35.4 53.0
 54 48.3 36.4 54.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.28 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: BF089656.D
 Acq: 6 Aug 2016 8:06

Tgt Ion: 164 Resp: 71895
 Ion Ratio Lower Upper
 164 100
 162 102.7 85.7 128.5
 160 45.6 38.2 57.4

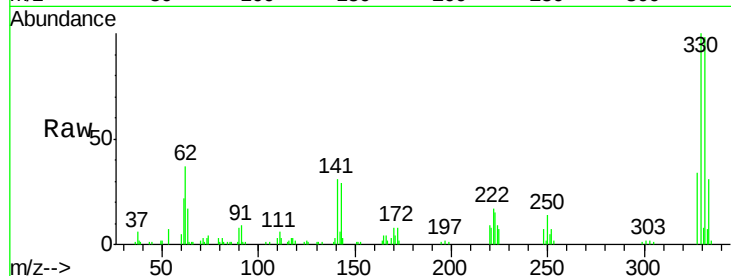




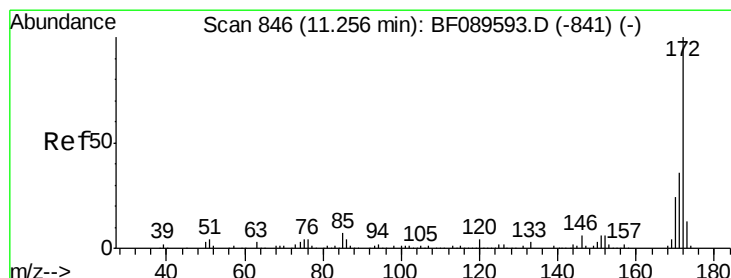
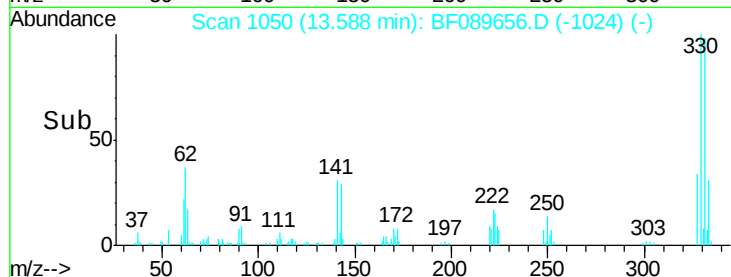
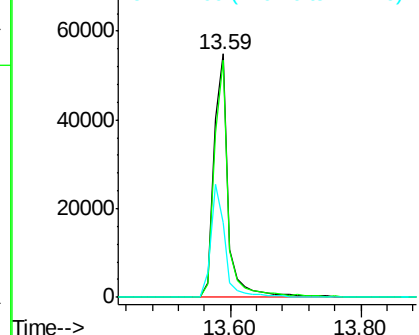
#41
 2,4,6-Tribromophenol
 Concen: 142.12 ng
 RT: 13.59 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF089656.D
 Acq: 6 Aug 2016 8:06

Instrument :
 BNA_F
 ClientSampleId :
 MMA-OS-02

Tgt Ion:330 Resp: 84319
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 45.9 38.6 57.8

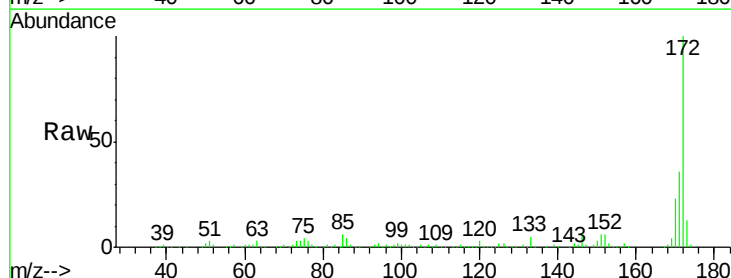


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

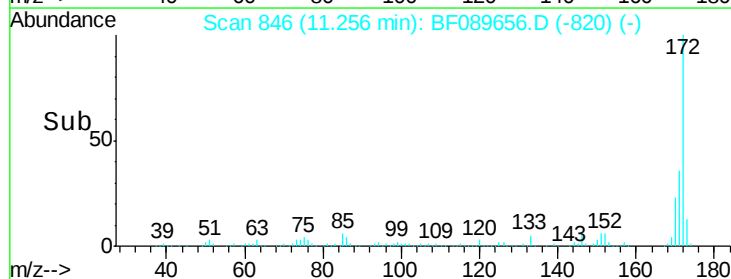
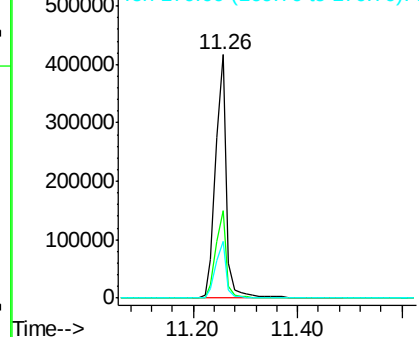


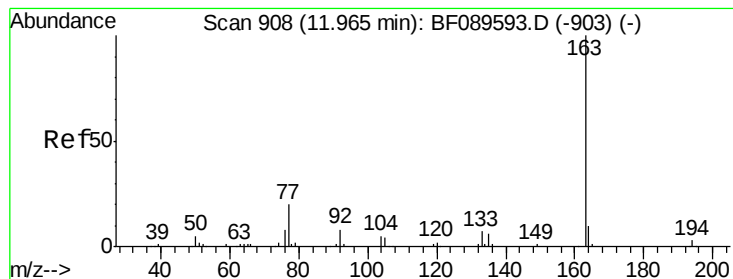
#44
 2-Fluorobiphenyl
 Concen: 109.45 ng
 RT: 11.26 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BF089656.D
 Acq: 6 Aug 2016 8:06

Tgt Ion:172 Resp: 605471
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.9 43.3
 170 23.4 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: 26.79 ng

RT: 11.94 min Scan# 906

Delta R.T. -0.02 min

Lab File: BF089656.D

Acq: 6 Aug 2016 8:06

Instrument :

BNA_F

ClientSampleId :

MMA-OS-02

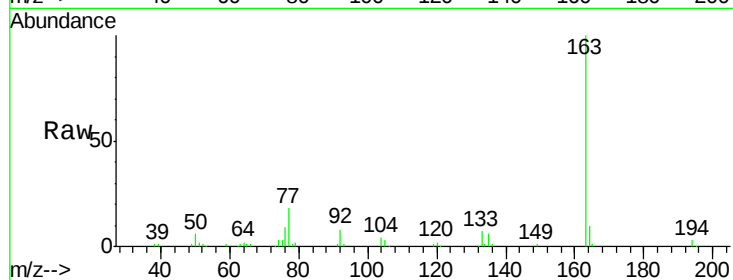
Tgt Ion:163 Resp: 150967

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

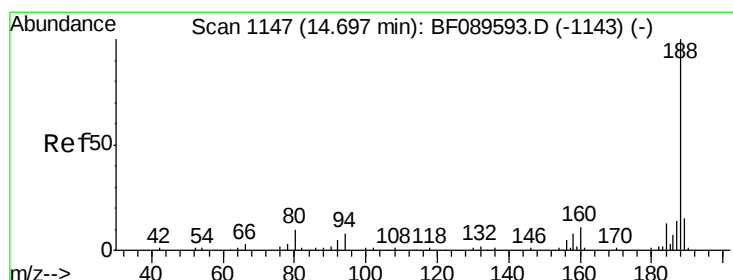
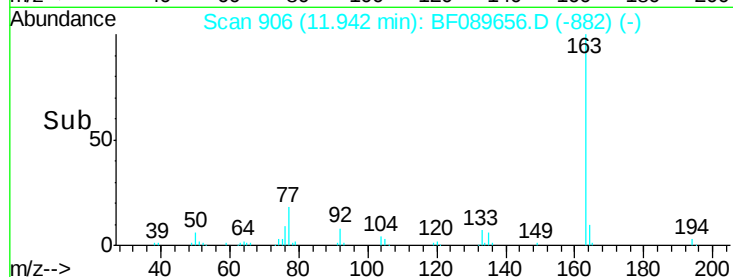
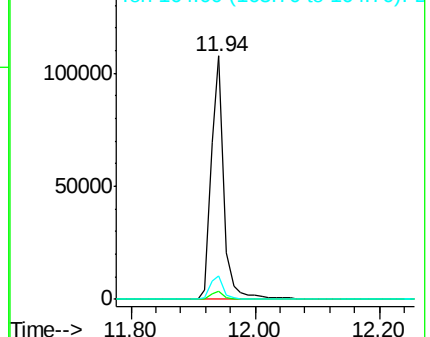
164 9.5 7.8 11.6



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: BF089656.D

Acq: 6 Aug 2016 8:06

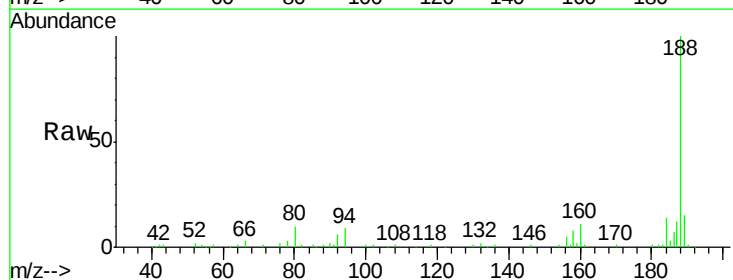
Tgt Ion:188 Resp: 110135

Ion Ratio Lower Upper

188 100

94 9.4 6.5 9.7

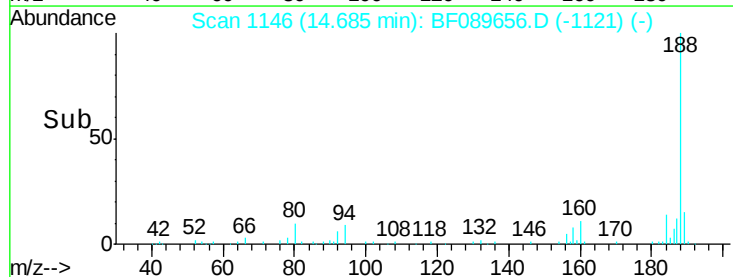
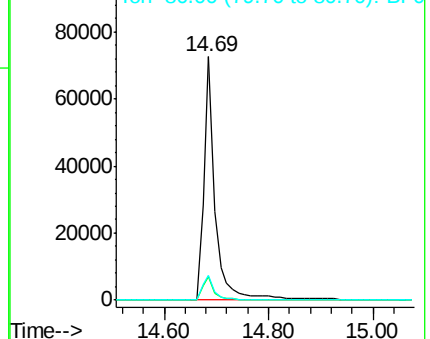
80 10.2 8.0 12.0

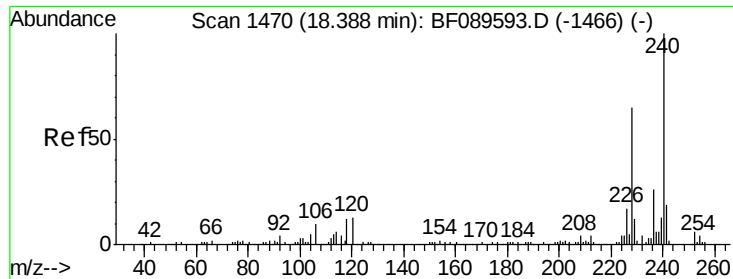


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

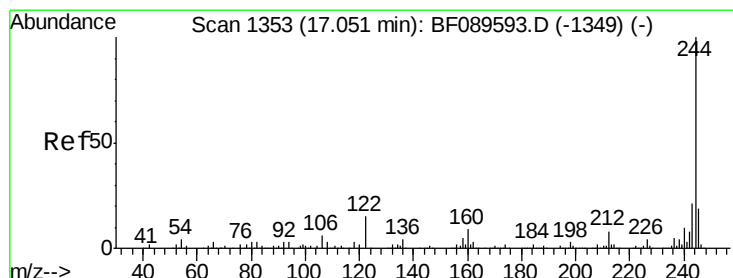
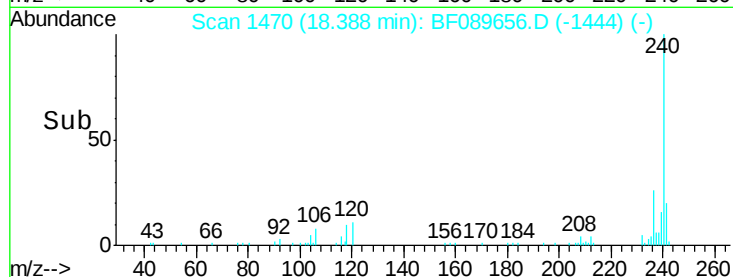
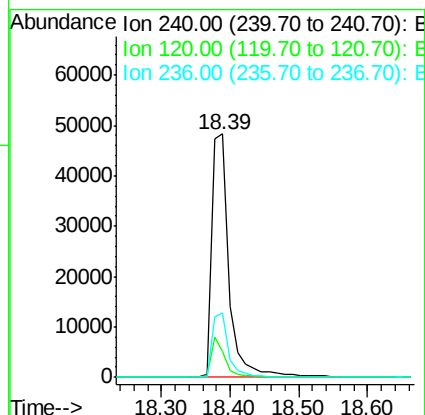
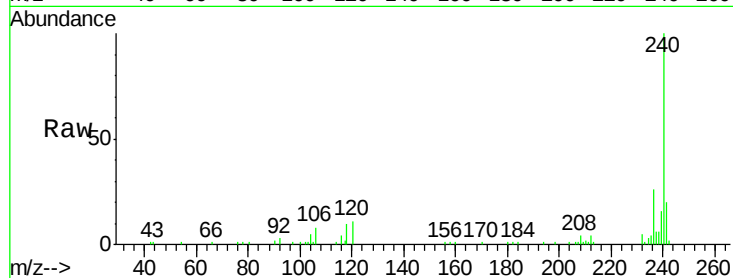




#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.39 min Scan# 1470
Delta R.T. 0.00 min
Lab File: BF089656.D
Acq: 6 Aug 2016 8:06

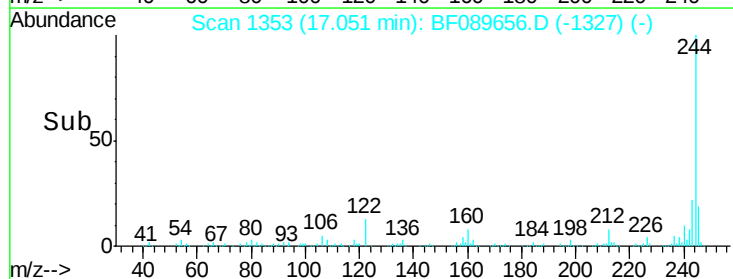
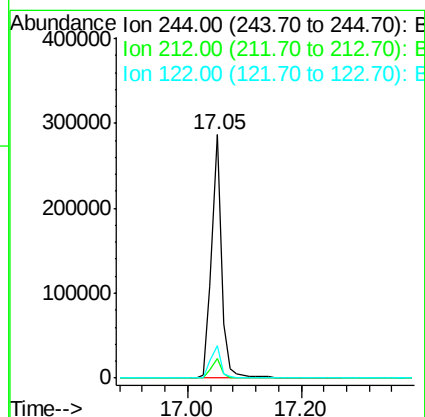
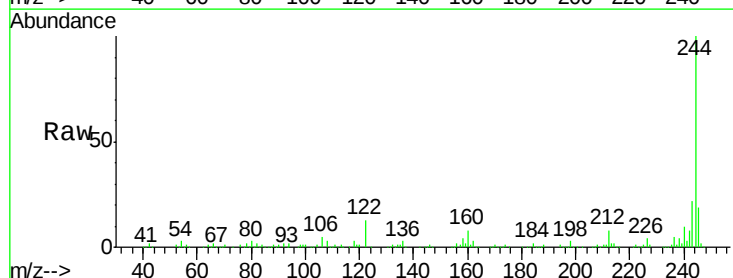
Instrument :
BNA_F
ClientSampleId :
MMA-OS-02

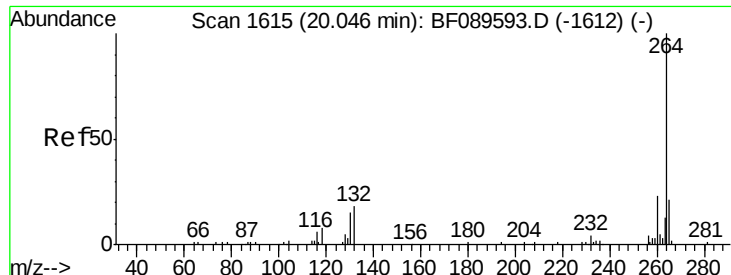
Tgt Ion:240 Resp: 86187
Ion Ratio Lower Upper
240 100
120 10.7 10.6 15.8
236 26.5 20.6 30.8



#78
Terphenyl-d14
Concen: 77.78 ng
RT: 17.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF089656.D
Acq: 6 Aug 2016 8:06

Tgt Ion:244 Resp: 339581
Ion Ratio Lower Upper
244 100
212 7.8 6.4 9.6
122 13.2 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: BF089656.D
Acq: 6 Aug 2016 8:06

Instrument :
BNA_F
ClientSampleId :
MMA-OS-02

Tgt Ion: 264 Resp: 73112
Ion Ratio Lower Upper
264 100
260 23.5 18.7 28.1
265 21.0 16.5 24.7

