

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080816\
 Data File : BF089670.D
 Acq On : 8 Aug 2016 20:08
 Operator : UM/SJ
 Sample : H4364-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MMA-OS-02

Quant Time: Aug 09 04:02:59 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

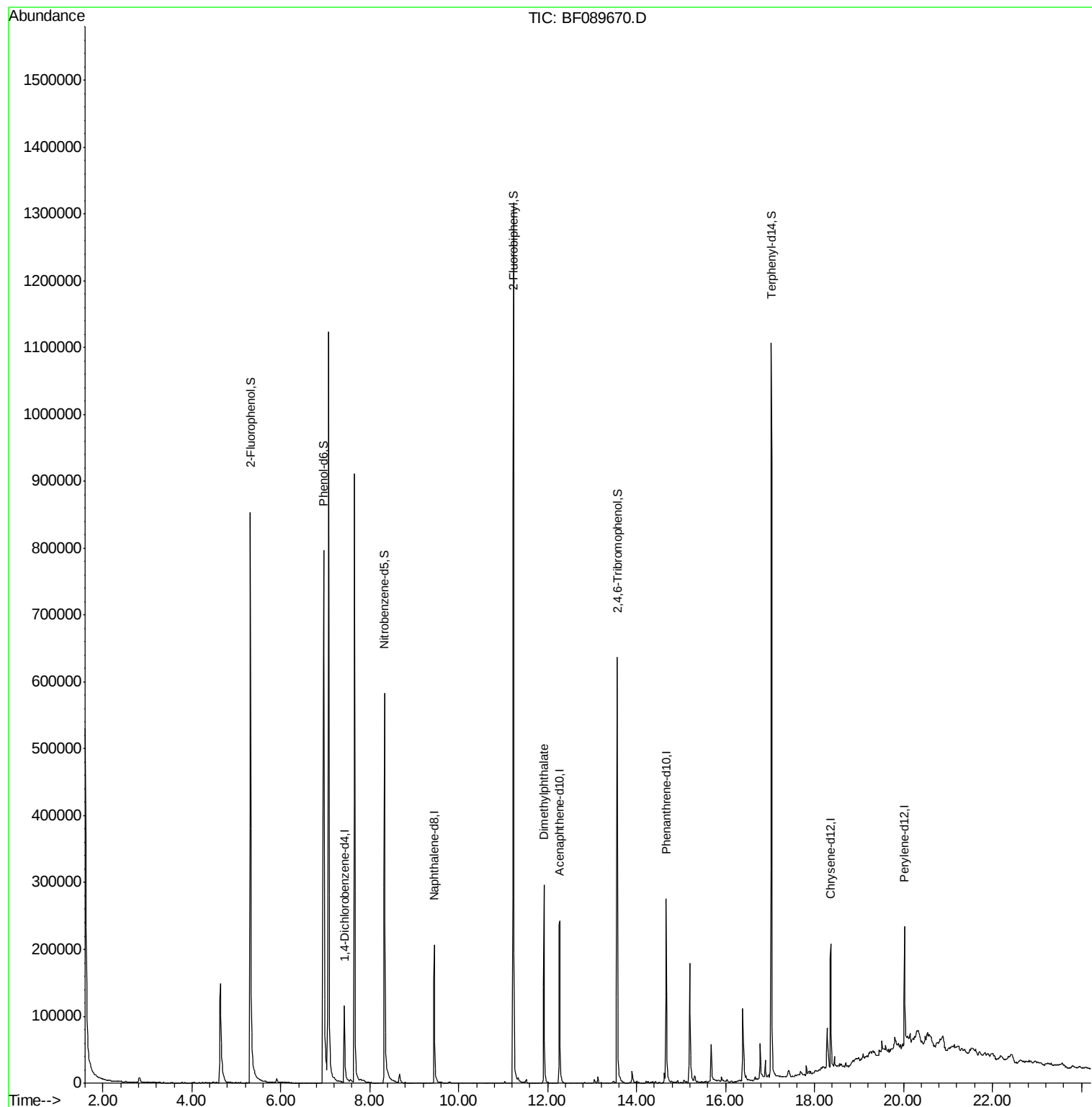
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	40962	20.00	ng	-0.02
21) Naphthalene-d8	9.45	136	177076	20.00	ng	-0.02
38) Acenaphthene-d10	12.27	164	87227	20.00	ng	-0.02
63) Phenanthrene-d10	14.66	188	168686	20.00	ng	-0.03
75) Chrysene-d12	18.37	240	112573	20.00	ng	-0.02
86) Perylene-d12	20.02	264	82974	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	419490	171.64	ng	0.00
7) Phenol-d6	6.96	99	585708	176.66	ng	-0.02
23) Nitrobenzene-d5	8.33	82	352823	110.21	ng	-0.03
41) 2,4,6-Tribromophenol	13.57	330	117346	163.02	ng	-0.02
44) 2-Fluorobiphenyl	11.23	172	662470	98.70	ng	-0.02
78) Terphenyl-d14	17.03	244	554696	97.27	ng	-0.02
Target Compounds						
49) Dimethylphthalate	11.92	163	173536	25.38	ng	Qvalue 100

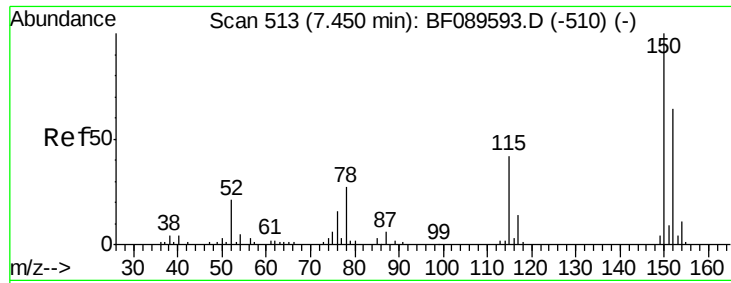
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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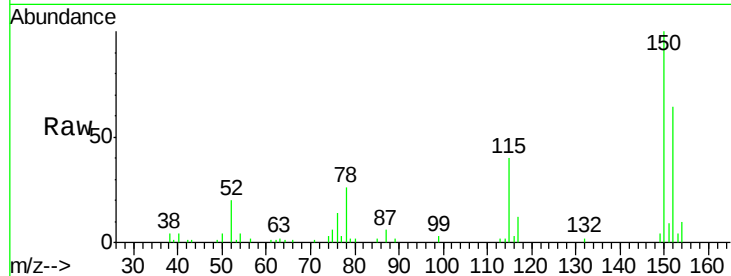




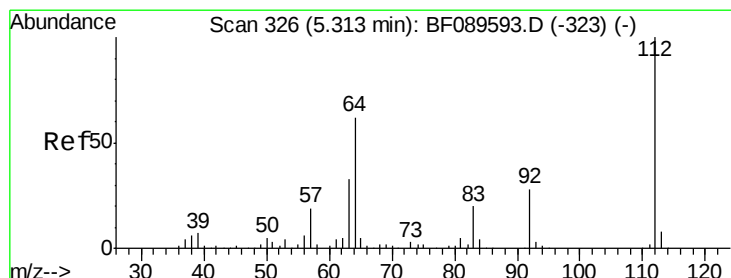
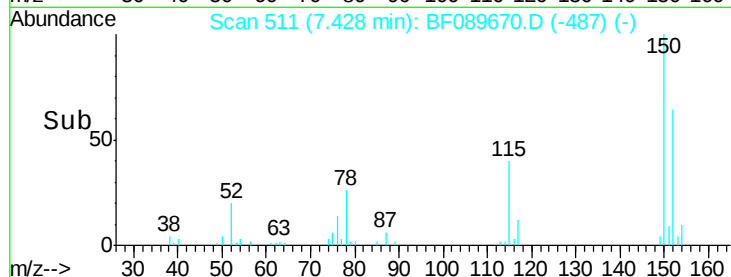
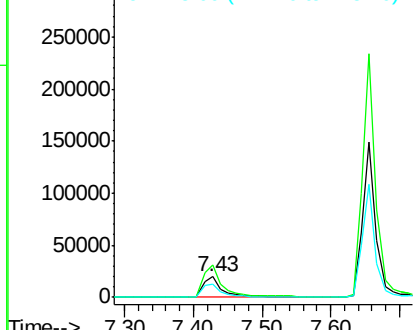
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.43 min Scan# 511
 Delta R.T. -0.02 min
 Lab File: BF089670.D
 Acq: 8 Aug 2016 20:08

Instrument :
 BNA_F
 ClientSampleId :
 MMA-OS-02

Tgt Ion:152 Resp: 40962
 Ion Ratio Lower Upper
 152 100
 150 155.3 125.5 188.3
 115 62.5 52.0 78.0

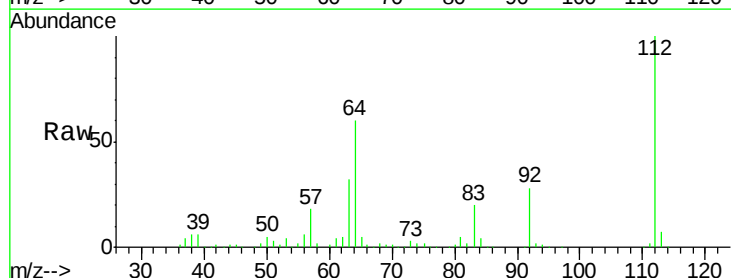


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

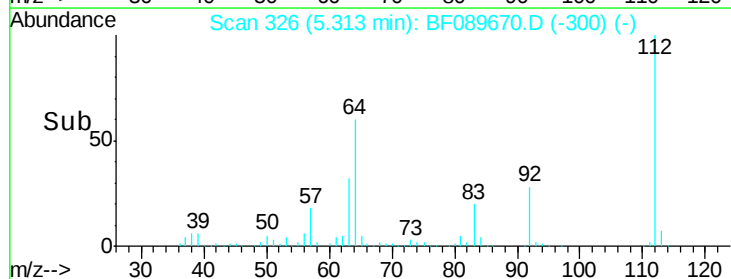
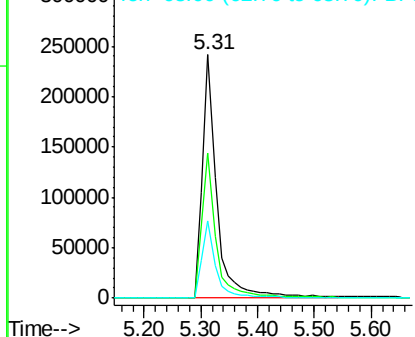


#5
 2-Fluorophenol
 Concen: 171.64 ng
 RT: 5.31 min Scan# 326
 Delta R.T. 0.00 min
 Lab File: BF089670.D
 Acq: 8 Aug 2016 20:08

Tgt Ion:112 Resp: 419490
 Ion Ratio Lower Upper
 112 100
 64 59.6 49.9 74.9
 63 31.5 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: 176.66 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.02 min

Lab File: BF089670.D

Acq: 8 Aug 2016 20:08

Instrument :

BNA_F

ClientSampleId :

MMA-OS-02

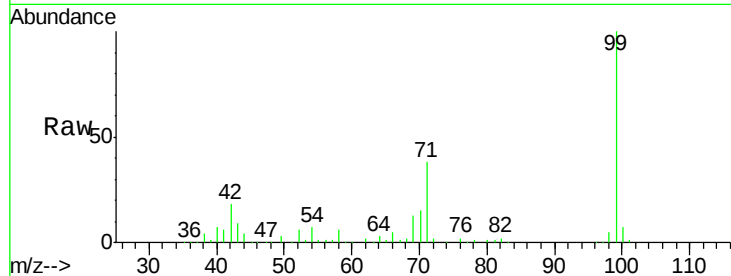
Tgt Ion: 99 Resp: 585708

Ion Ratio Lower Upper

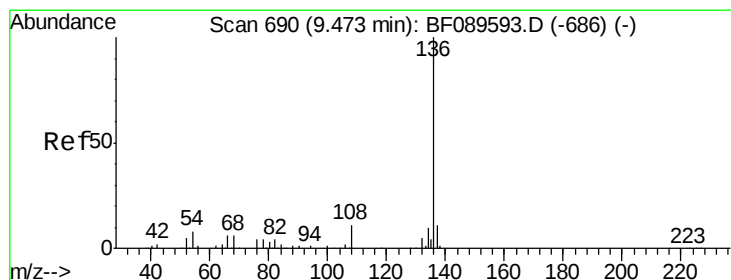
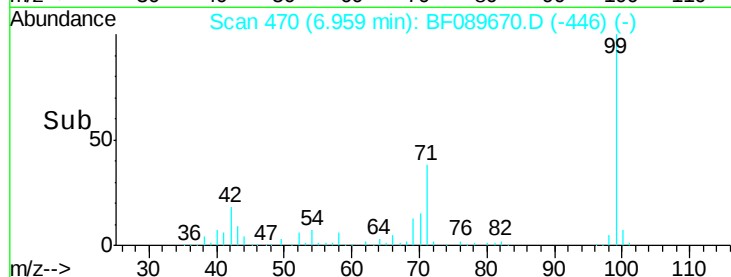
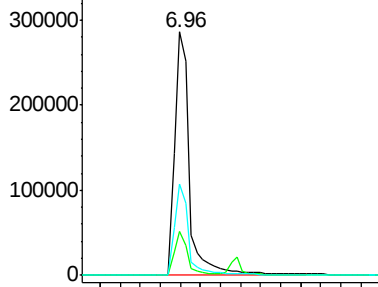
99 100

42 18.1 13.7 20.5

71 37.7 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: 9.45 min Scan# 688

Delta R.T. -0.02 min

Lab File: BF089670.D

Acq: 8 Aug 2016 20:08

Tgt Ion: 136 Resp: 177076

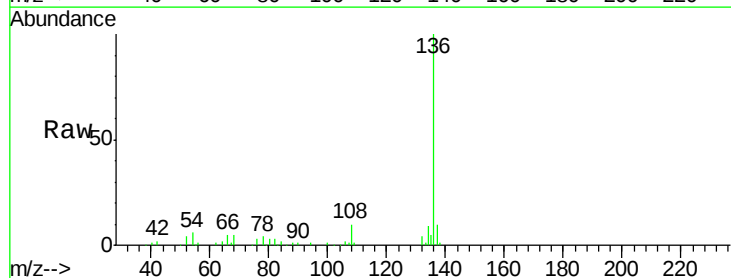
Ion Ratio Lower Upper

136 100

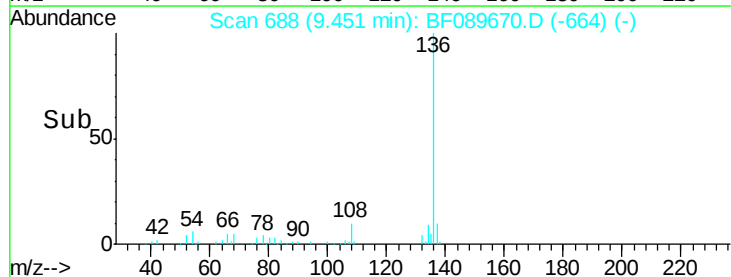
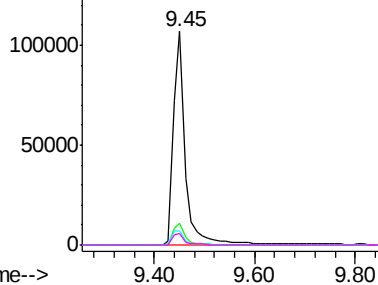
137 10.4 8.6 12.8

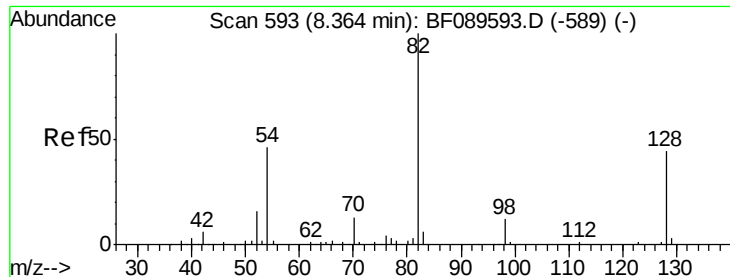
54 6.5 6.0 9.0

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

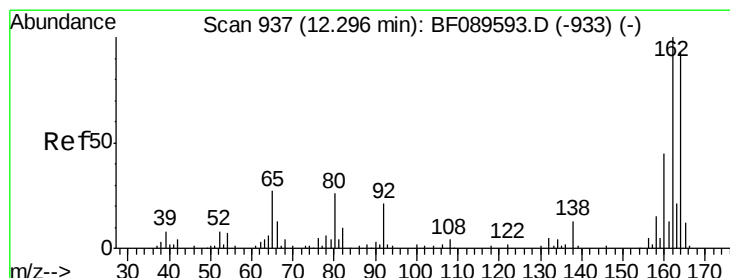
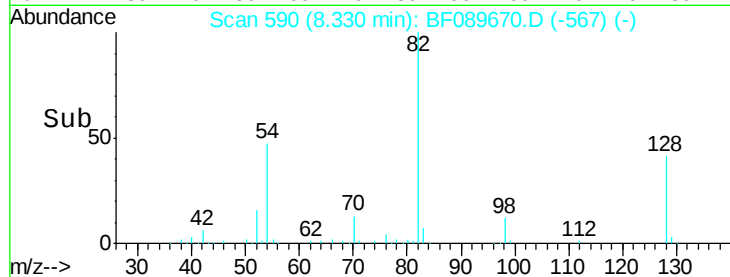
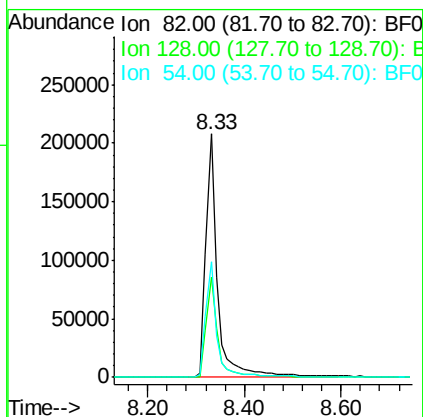
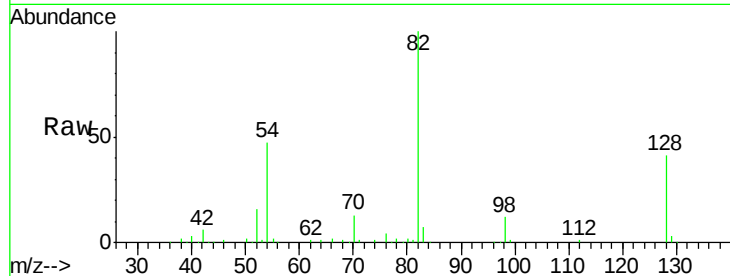




#23
 Nitrobenzene-d5
 Concen: 110.21 ng
 RT: 8.33 min Scan# 590
 Delta R.T. -0.03 min
 Lab File: BF089670.D
 Acq: 8 Aug 2016 20:08

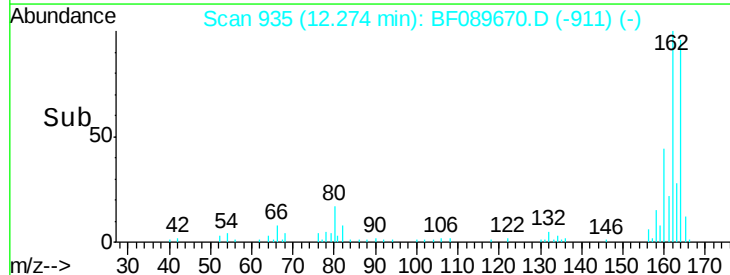
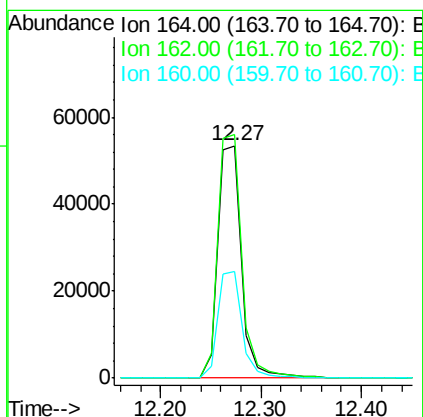
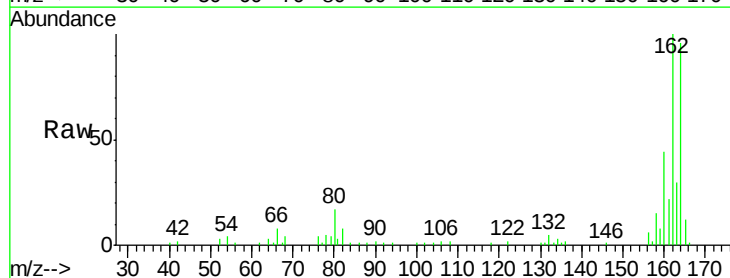
Instrument :
 BNA_F
 ClientSampleId :
 MMA-OS-02

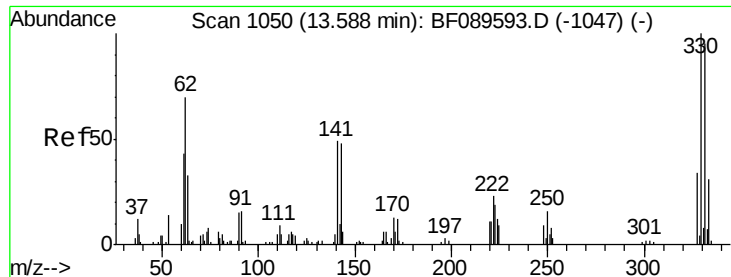
Tgt Ion: 82 Resp: 352823
 Ion Ratio Lower Upper
 82 100
 128 41.4 35.4 53.0
 54 47.4 36.4 54.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.27 min Scan# 935
 Delta R.T. -0.02 min
 Lab File: BF089670.D
 Acq: 8 Aug 2016 20:08

Tgt Ion: 164 Resp: 87227
 Ion Ratio Lower Upper
 164 100
 162 104.6 85.7 128.5
 160 45.9 38.2 57.4

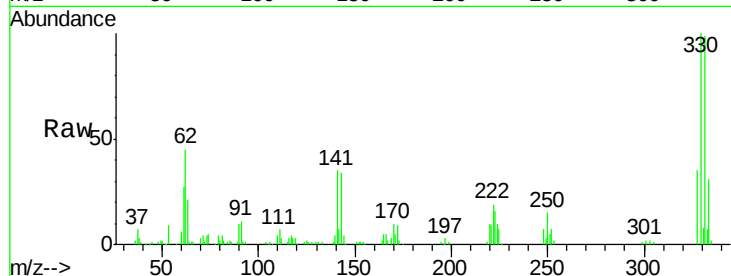




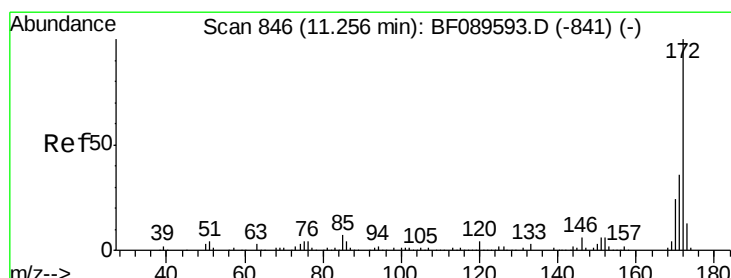
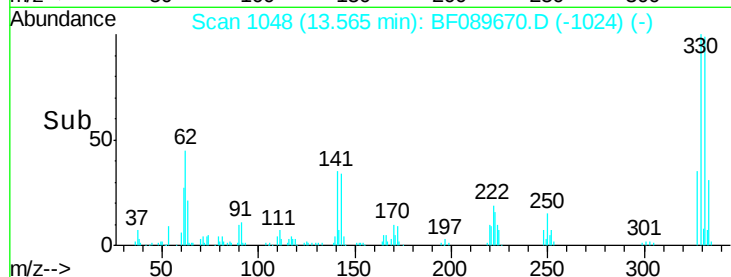
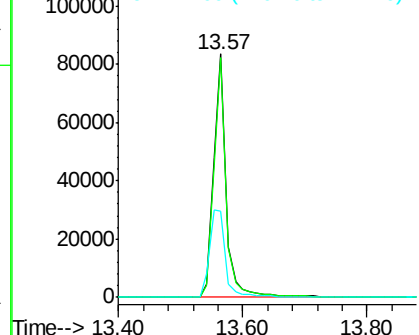
#41
 2,4,6-Tribromophenol
 Concen: 163.02 ng
 RT: 13.57 min Scan# 1048
 Delta R.T. -0.02 min
 Lab File: BF089670.D
 Acq: 8 Aug 2016 20:08

Instrument :
 BNA_F
 ClientSampled :
 MMA-OS-02

Tgt Ion: 330 Resp: 117346
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 45.9 38.6 57.8

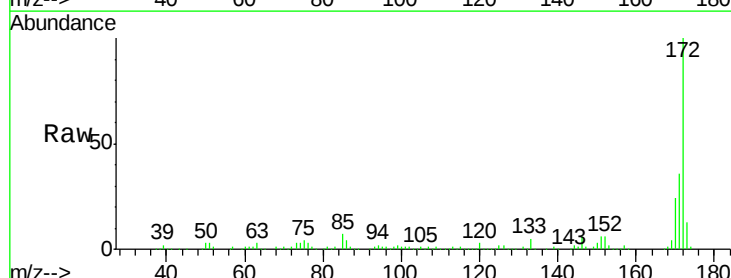


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

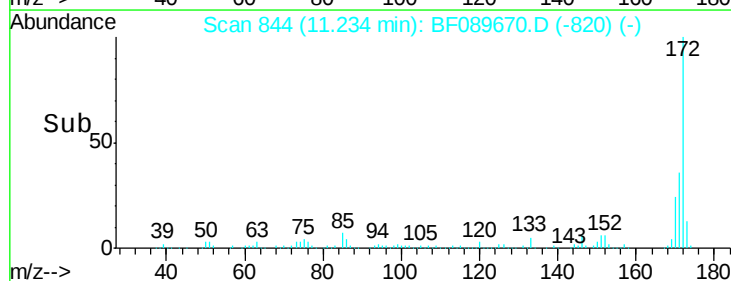
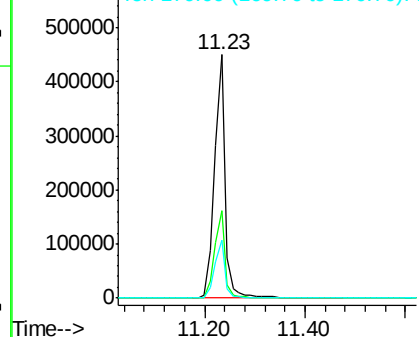


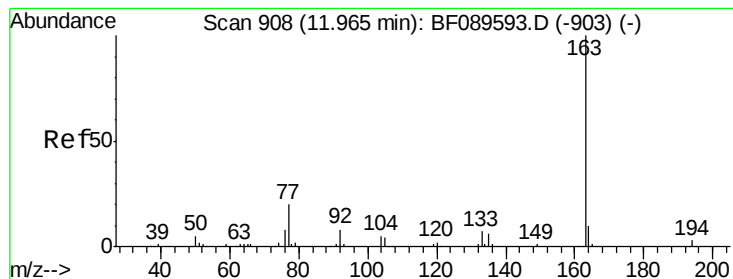
#44
 2-Fluorobiphenyl
 Concen: 98.70 ng
 RT: 11.23 min Scan# 844
 Delta R.T. -0.02 min
 Lab File: BF089670.D
 Acq: 8 Aug 2016 20:08

Tgt Ion: 172 Resp: 662470
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.9 43.3
 170 23.7 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: 25.38 ng

RT: 11.92 min Scan# 904

Delta R.T. -0.05 min

Lab File: BF089670.D

Acq: 8 Aug 2016 20:08

Instrument :

BNA_F

ClientSampleId :

MMA-OS-02

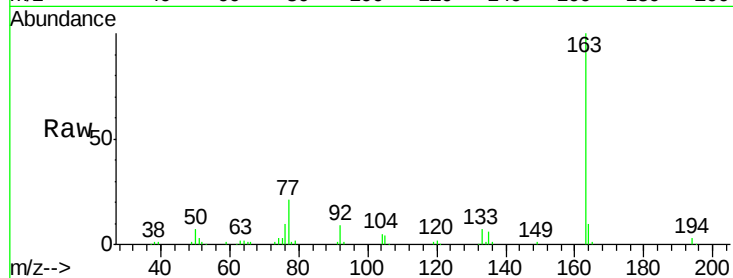
Tgt Ion:163 Resp: 173536

Ion Ratio Lower Upper

163 100

194 3.2 2.7 4.1

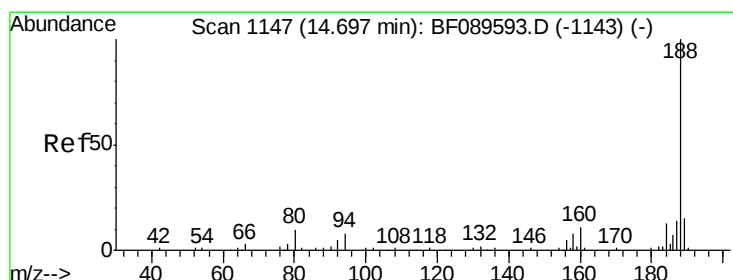
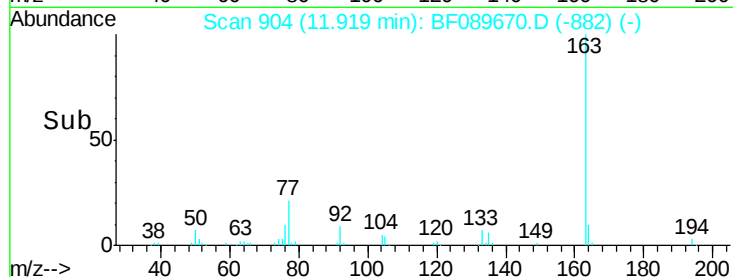
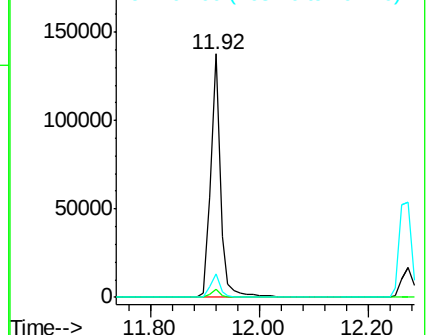
164 9.7 7.8 11.6



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: 14.66 min Scan# 1144

Delta R.T. -0.03 min

Lab File: BF089670.D

Acq: 8 Aug 2016 20:08

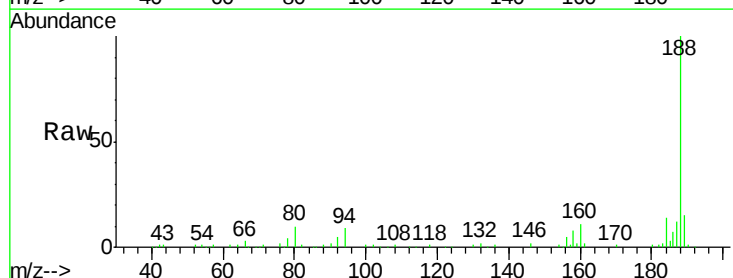
Tgt Ion:188 Resp: 168686

Ion Ratio Lower Upper

188 100

94 9.3 6.5 9.7

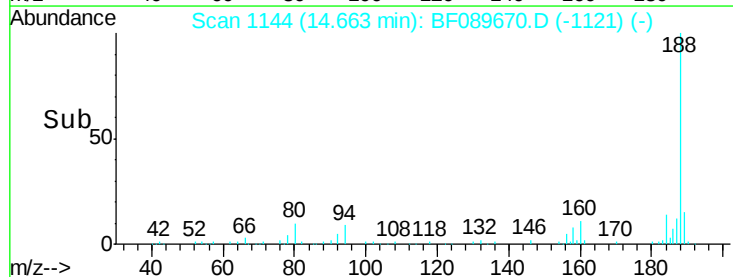
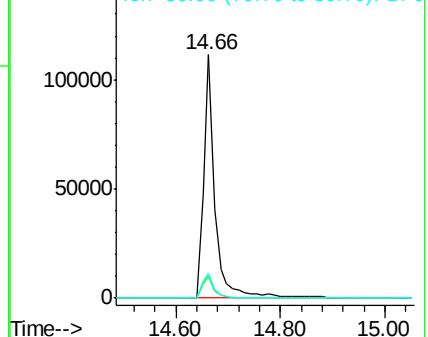
80 10.0 8.0 12.0

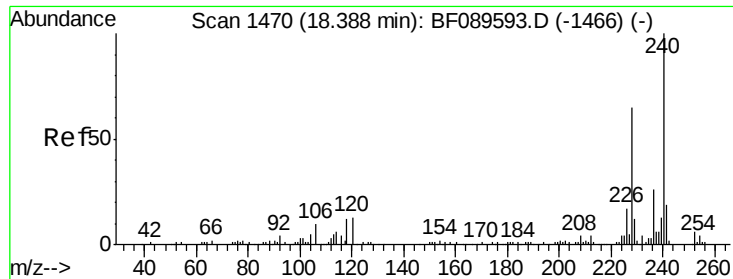


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

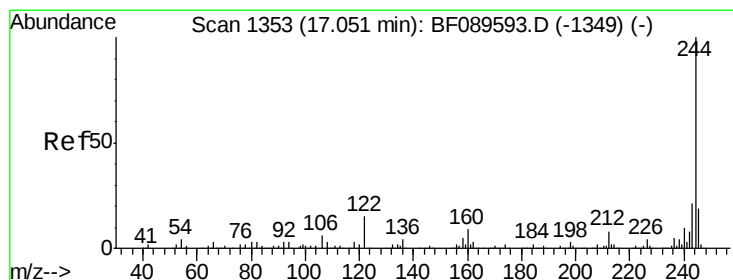
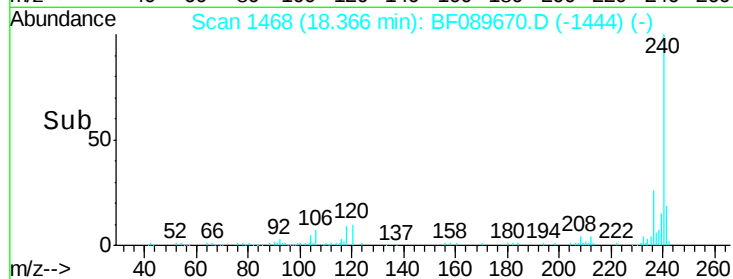
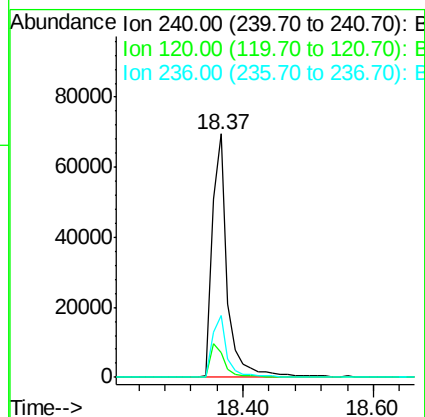
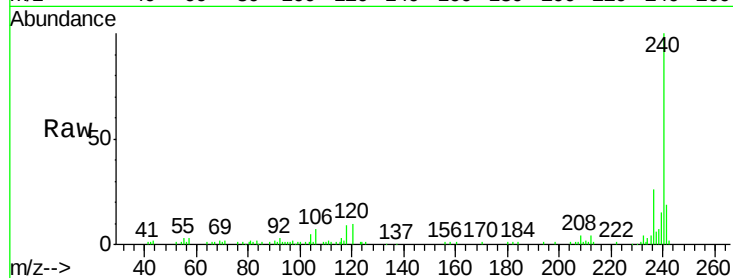




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.37 min Scan# 1468
 Delta R.T. -0.02 min
 Lab File: BF089670.D
 Acq: 8 Aug 2016 20:08

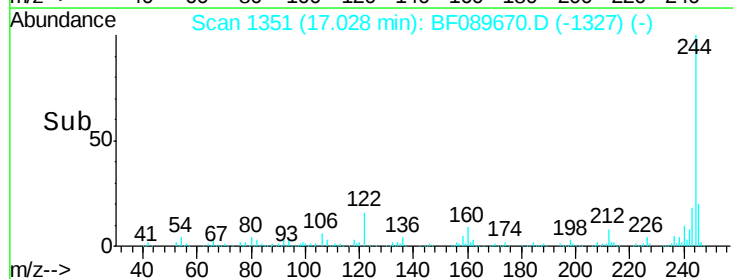
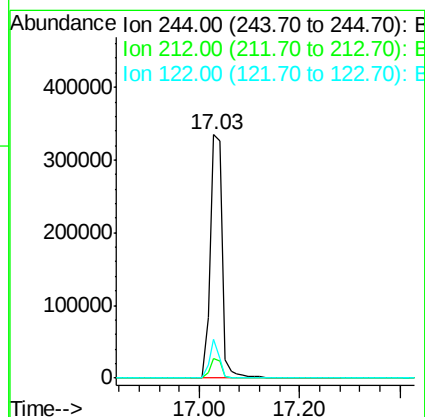
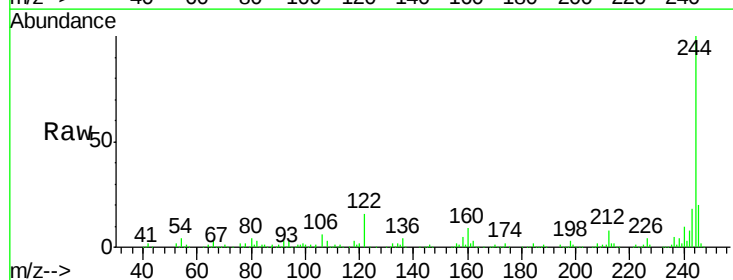
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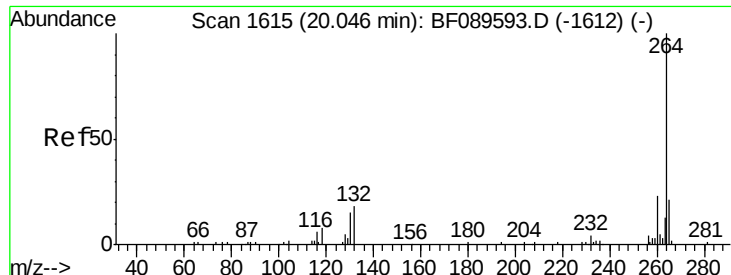
Tgt Ion:240 Resp: 112573
 Ion Ratio Lower Upper
 240 100
 120 10.2 10.6 15.8#
 236 25.6 20.6 30.8



#78
 Terphenyl-d14
 Concen: 97.27 ng
 RT: 17.03 min Scan# 1351
 Delta R.T. -0.02 min
 Lab File: BF089670.D
 Acq: 8 Aug 2016 20:08

Tgt Ion:244 Resp: 554696
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.4 9.6
 122 15.8 12.2 18.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 20.02 min Scan# 1613
Delta R.T. -0.02 min
Lab File: BF089670.D
Acq: 8 Aug 2016 20:08

Instrument :
BNA_F
ClientSampleId :
MMA-OS-02

Tgt Ion: 264 Resp: 82974

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	20.9	16.5	24.7

