

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 02:31:49 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

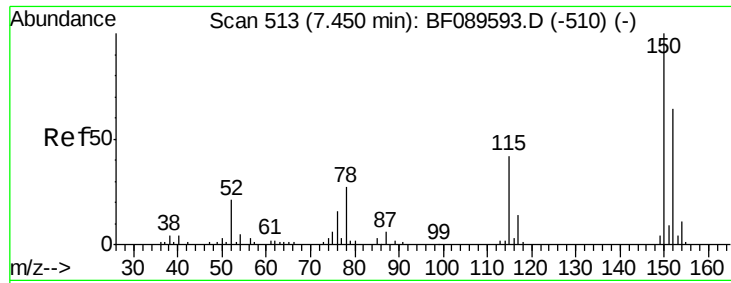
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	40962	20.00	ng	-0.02
21) Naphthalene-d8	9.45	136	177076	20.00	ng	-0.02
38) Acenaphthene-d10	12.27	164	87227	20.00	ng	-0.02
63) Phenanthrene-d10	14.66	188	168686	20.00	ng	-0.03
75) Chrysene-d12	18.37	240	112573	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						Qvalue
6) Aniline	7.07	93	280	0.07	ng	# 1
9) Benzaldehyde	6.96	77	555	0.46	ng	# 1
10) Phenol	6.98	94	1329	0.39	ng	# 1
11) bis(2-Chloroethyl)ether	7.07	93	280	0.10	ng	# 1
15) Benzyl Alcohol	7.66	79	5960	2.74	ng	# 48
16) 2,2'-oxybis(1-Chloropropan	7.79	45	2802	0.75	ng	# 29
19) n-Nitroso-di-n-propylamine	8.33	70	43115	18.00	ng	# 82
24) Nitrobenzene	8.33	77	879	0.29	ng	# 42
25) Isophorone	8.84	82	440	0.07	ng	# 68
45) 1,1'-Biphenyl	11.23	154	1052	0.13	ng	# 1
49) Dimethylphthalate	11.92	163	173536	25.38	ng	100
50) 2,6-Dinitrotoluene	11.92	165	1706	1.26	ng	# 1
59) Diethylphthalate	13.07	149	910	0.13	ng	# 60
62) Azobenzene	13.55	77	582	0.09	ng	# 1
65) n-Nitrosodiphenylamine	13.55	169	4641	0.81	ng	# 40
73) Di-n-butylphthalate	15.67	149	1461	0.13	ng	# 79
74) Fluoranthene	16.48	202	656	0.07	ng	# 63
77) Pyrene	16.79	202	626	0.06	ng	# 57
80) Benzo(a)anthracene	18.35	228	587	0.09	ng	# 51
82) Chrysene	18.35	228	587	0.09	ng	# 49
83) Bis(2-ethylhexyl)phthalate	18.45	149	5144	0.88	ng	# 92
84) Di-n-octyl phthalate	19.27	149	2950	0.35	ng	# 27
87) Benzo(b)fluoranthene	19.65	252	230	0.05	ng	# 1
88) Benzo(k)fluoranthene	19.65	252	230	0.04	ng	# 1

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

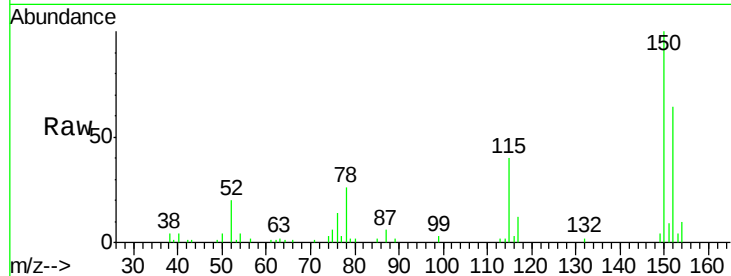
```
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080816\  
Data File : BF089670.D  
Acq On    : 8 Aug 2016 20:08  
Operator  : UM/SJ  
Sample    : H4364-02  
Misc      :  
ALS Vial  : 13 Sample Multiplier: 1
```



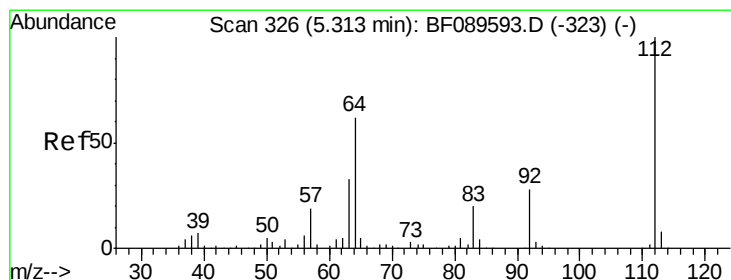
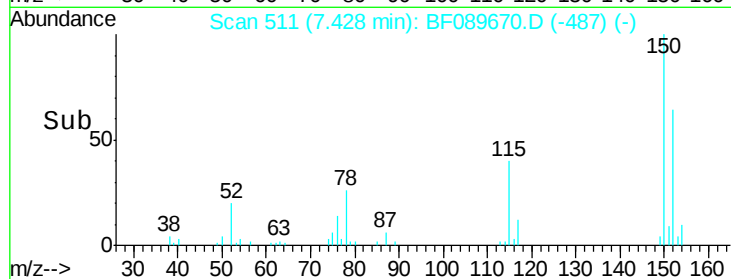
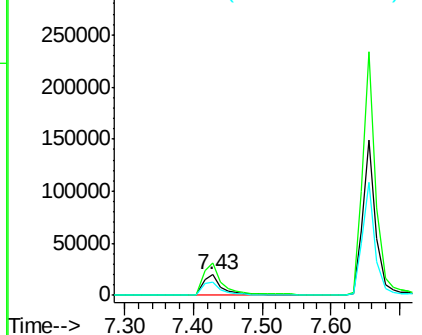
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.43 min Scan# 511
 Delta R.T. -0.02 min
 Lab File: BF089670.D
 Acq: 8 Aug 2016 20:08

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

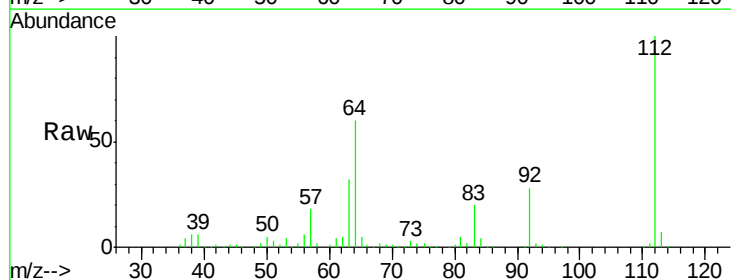


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

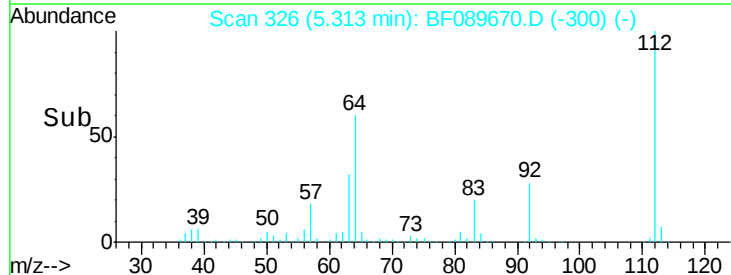
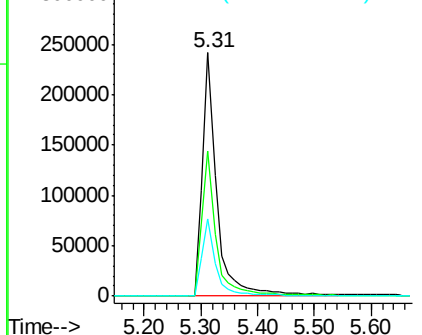


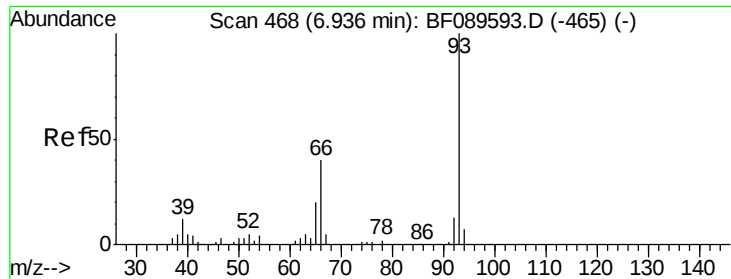
#5
 2-Fluorophenol
 Concen: 171.64 ng
 RT: 5.31 min Scan# 326
 Delta R.T. 0.00 min
 Lab File: BF089670.D
 Acq: 8 Aug 2016 20:08

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





#6

Aniline

Concen: 0.07 ng

RT: 7.07 min Scan# 480

Delta R.T. 0.14 min

Lab File: BF089670.D

Acq: 8 Aug 2016 20:08

Instrument :

BNA_F

ClientSampleId :

MMA-OS-02

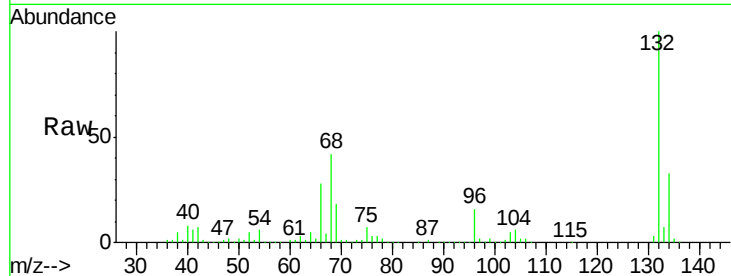
Tgt Ion: 93 Resp: 280

Ion Ratio Lower Upper

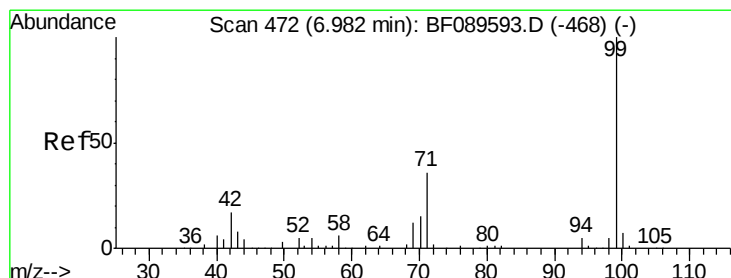
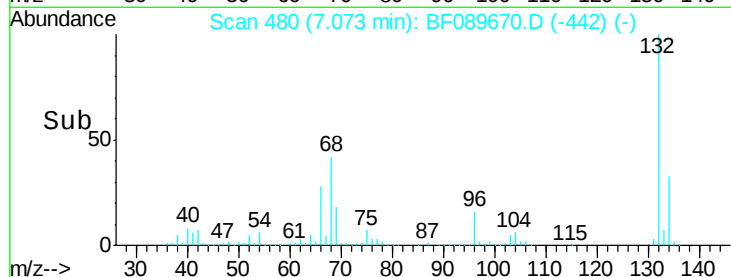
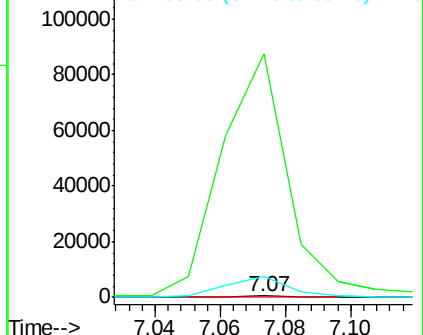
93 100

66 21400.5 32.2 48.2#

65 1840.6 15.8 23.8#



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 66.00 (65.70 to 66.70): BF0
Ion 65.00 (64.70 to 65.70): 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

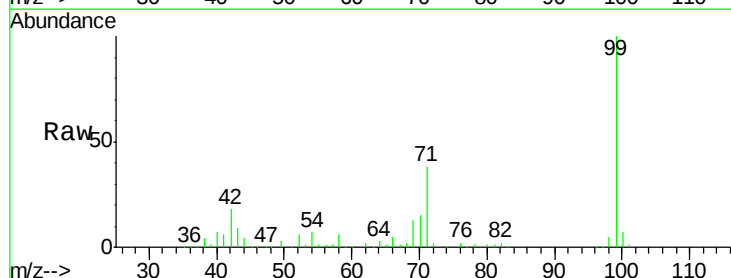
Tgt Ion: 99 Resp: 585708

Ion Ratio Lower Upper

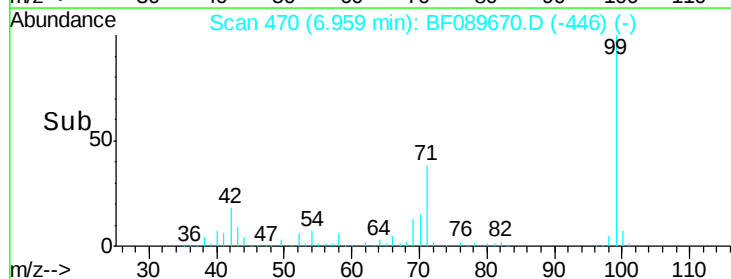
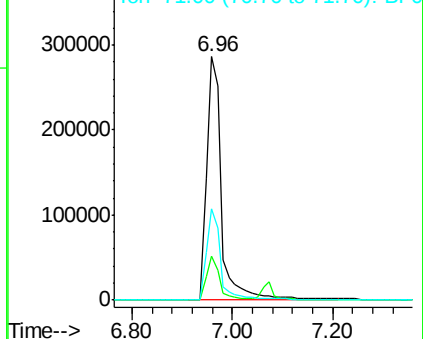
99 100

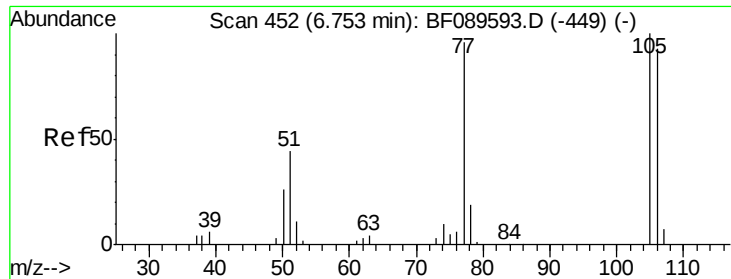
42 18.1 13.7 20.5

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

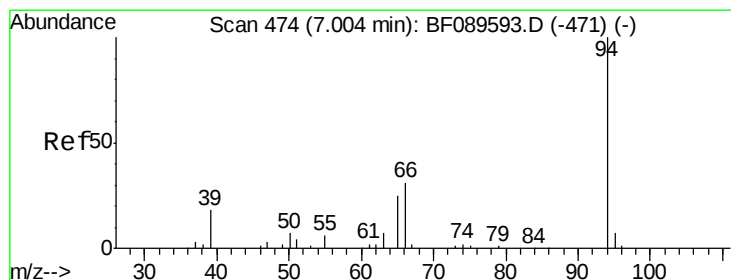
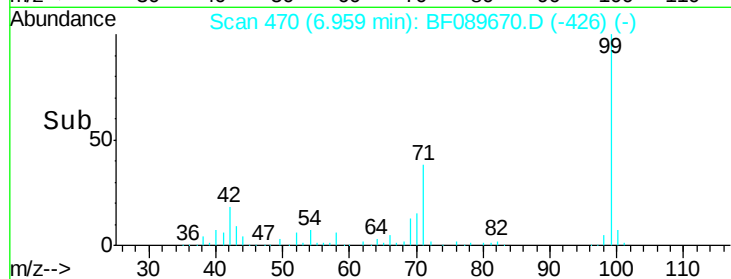
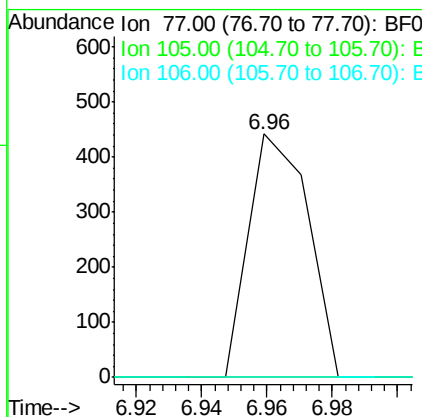
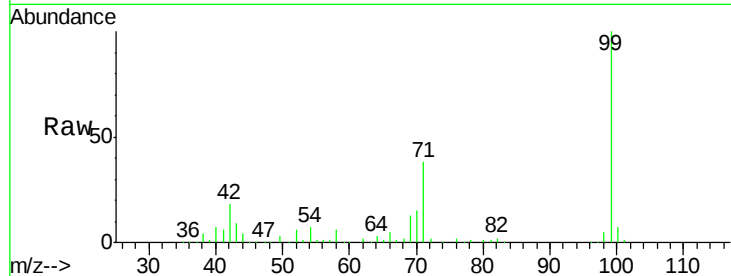




#9
Benzaldehyde
Concen: 0.46 ng
RT: 6.96 min Scan# 470
Delta R.T. 0.21 min
Lab File: BF089670.D
Acq: 8 Aug 2016 20:08

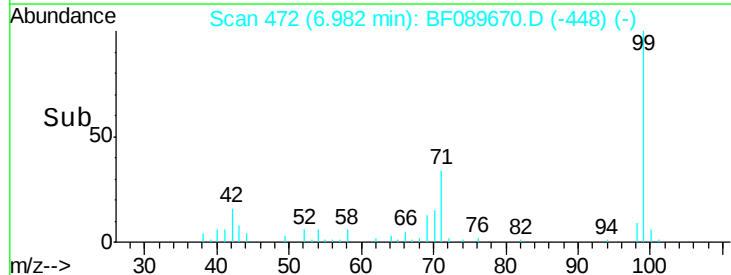
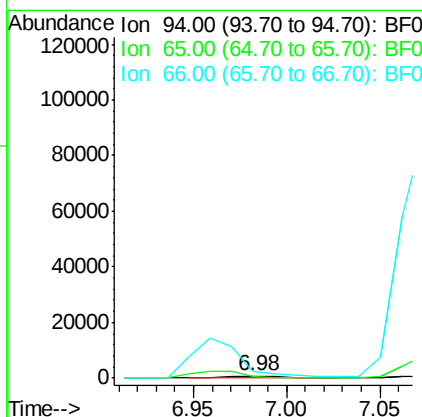
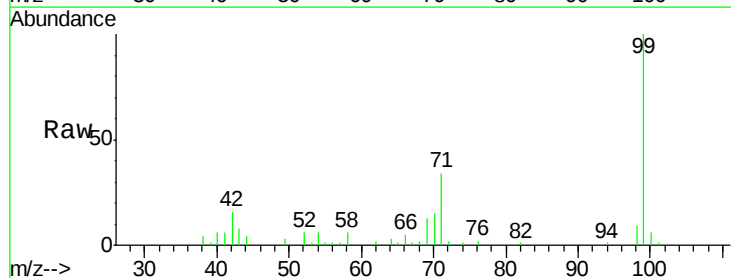
Instrument :
BNA_F
ClientSampleId :
MMA-OS-02

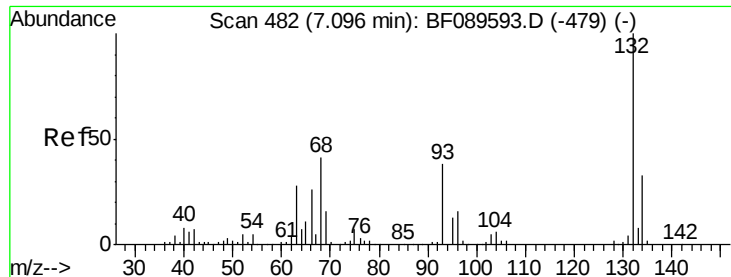
Tgt Ion: 77 Resp: 555
Ion Ratio Lower Upper
77 100
105 0.0 84.7 124.7#
106 0.0 77.1 117.1#



#10
Phenol
Concen: 0.39 ng
RT: 6.98 min Scan# 472
Delta R.T. -0.02 min
Lab File: BF089670.D
Acq: 8 Aug 2016 20:08

Tgt Ion: 94 Resp: 1329
Ion Ratio Lower Upper
94 100
65 94.1 11.0 51.0#
66 381.8 27.4 67.4#

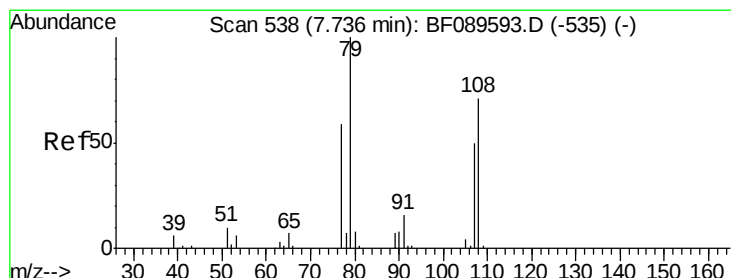
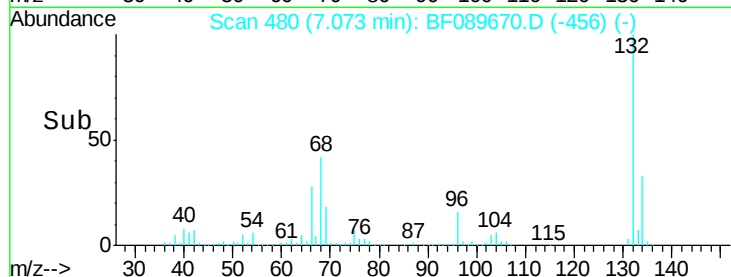
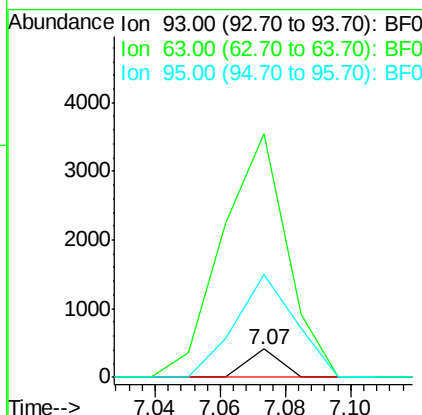
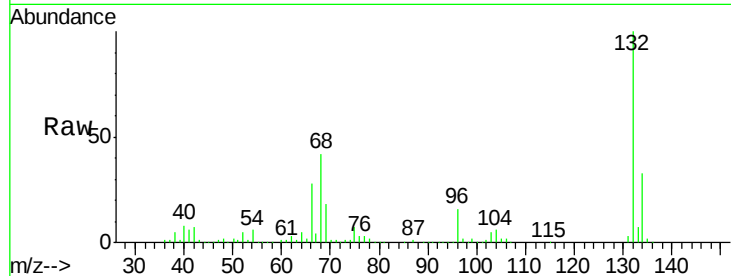




#11
bis(2-Chloroethyl)ether
Concen: 0.10 ng
RT: 7.07 min Scan# 480
Delta R.T. -0.02 min
Lab File: BF089670.D
Acq: 8 Aug 2016 20:08

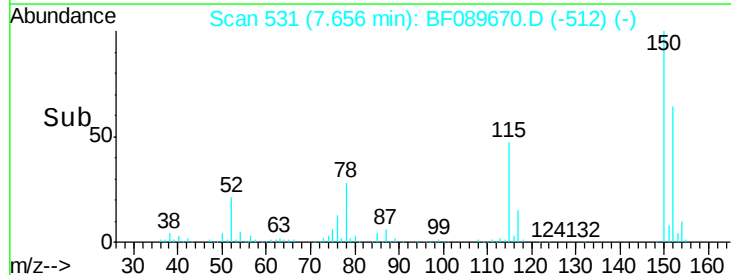
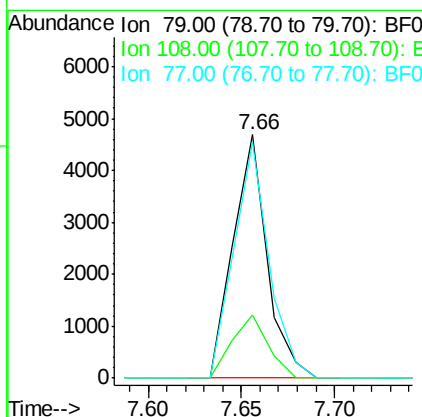
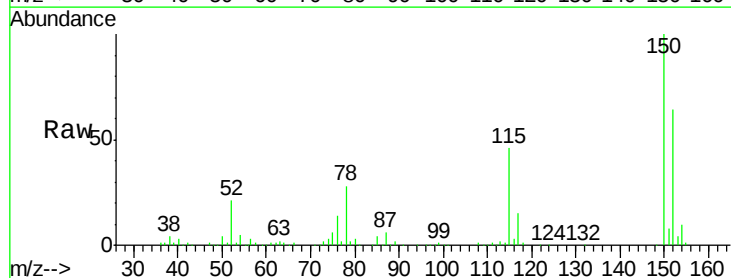
Instrument :
BNA_F
ClientSampleId :
MMA-OS-02

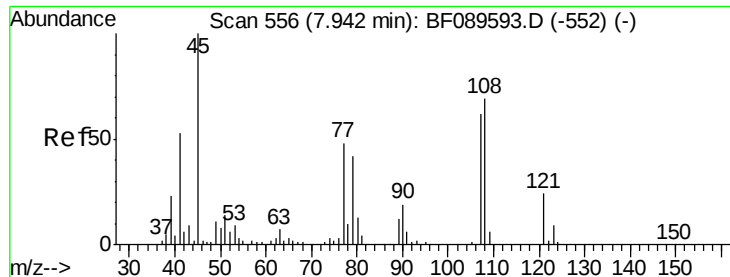
Tgt Ion: 93 Resp: 280
Ion Ratio Lower Upper
93 100
63 866.7 52.2 92.2#
95 367.0 13.1 53.1#



#15
Benzyl Alcohol
Concen: 2.74 ng
RT: 7.66 min Scan# 531
Delta R.T. -0.08 min
Lab File: BF089670.D
Acq: 8 Aug 2016 20:08

Tgt Ion: 79 Resp: 5960
Ion Ratio Lower Upper
79 100
108 26.0 58.3 87.5#
77 96.7 48.7 73.1#

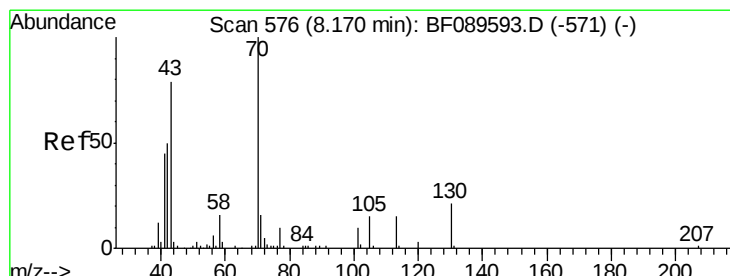
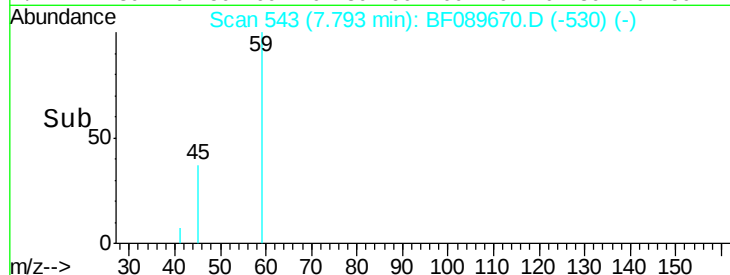
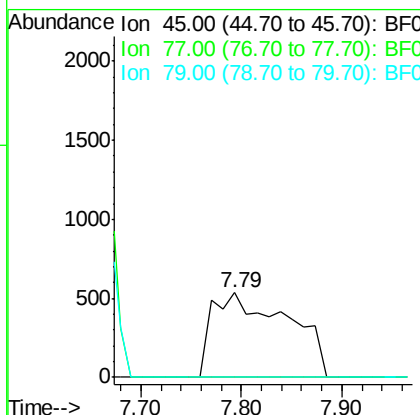
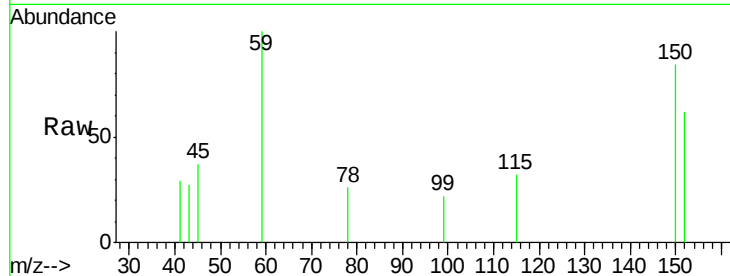




#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 0.75 ng
 RT: 7.79 min Scan# 543
 Delta R.T. -0.15 min
 Lab File: BF089670.D
 Acq: 8 Aug 2016 20:08

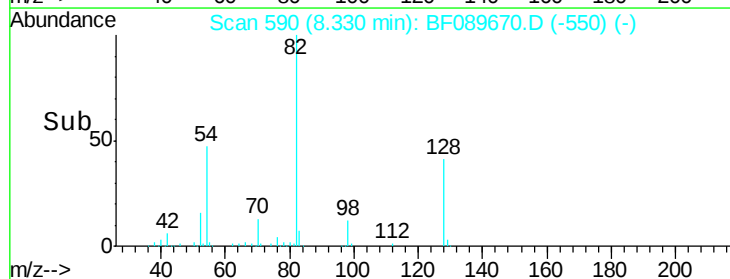
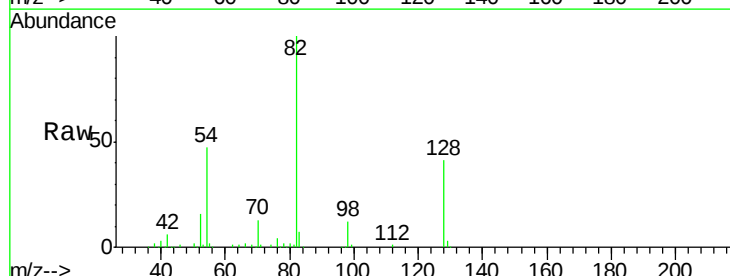
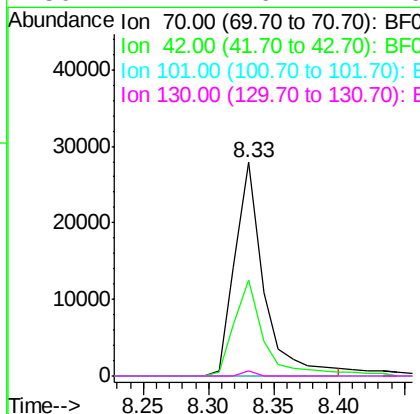
Instrument :
 BNA_F
 ClientSampleId :
 MMA-OS-02

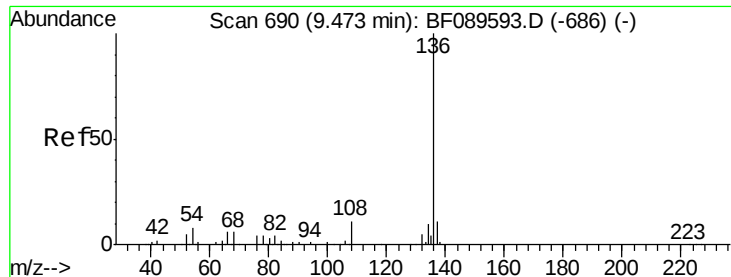
Tgt Ion: 45 Resp: 2802
 Ion Ratio Lower Upper
 45 100
 77 0.0 30.1 70.1#
 79 0.0 25.5 65.5#



#19
 n-Nitroso-di-n-propylamine
 Concen: 18.00 ng
 RT: 8.33 min Scan# 590
 Delta R.T. 0.16 min
 Lab File: BF089670.D
 Acq: 8 Aug 2016 20:08

Tgt Ion: 70 Resp: 43115
 Ion Ratio Lower Upper
 70 100
 42 45.0 40.2 60.2
 101 0.0 7.8 11.6#
 130 2.2 16.4 24.6#





#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

Instrument :

BNA_F

ClientSampleId :

MMA-OS-02

Tgt Ion:136 Resp: 177076

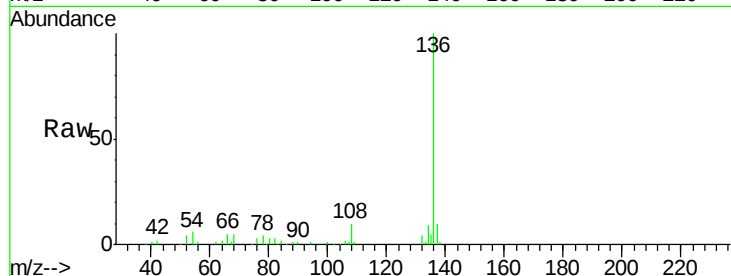
Ion Ratio Lower Upper

136 100

137 10.4 8.6 12.8

54 6.5 6.0 9.0

68 5.1 4.6 6.8

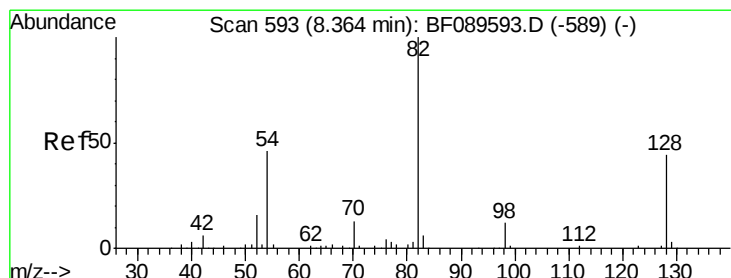
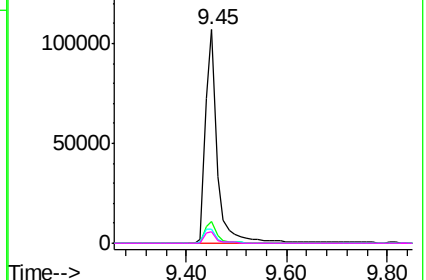
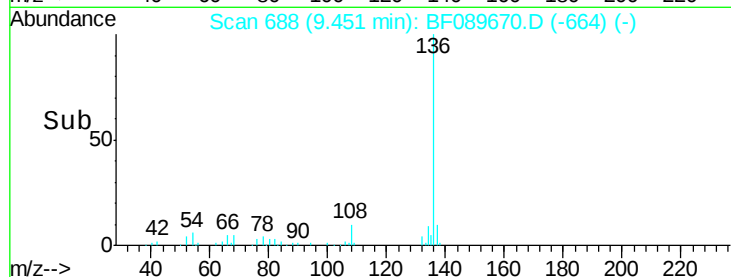


Abundance Ion 136.00 (135.70 to 136.70): E

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

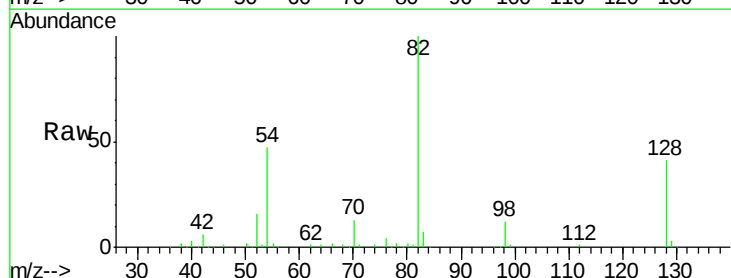
Tgt Ion: 82 Resp: 352823

Ion Ratio Lower Upper

82 100

128 41.4 35.4 53.0

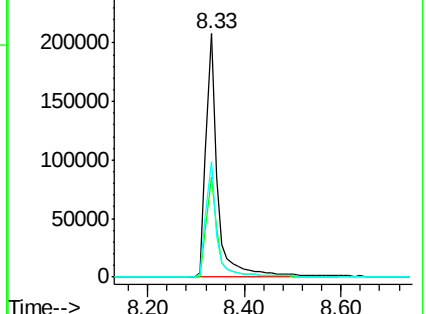
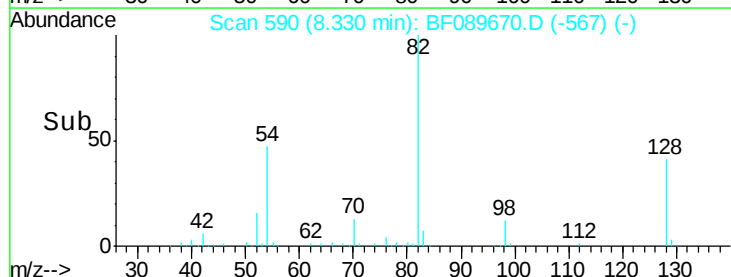
54 47.4 36.4 54.6

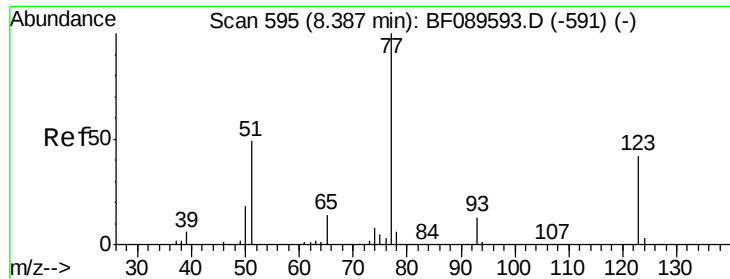


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

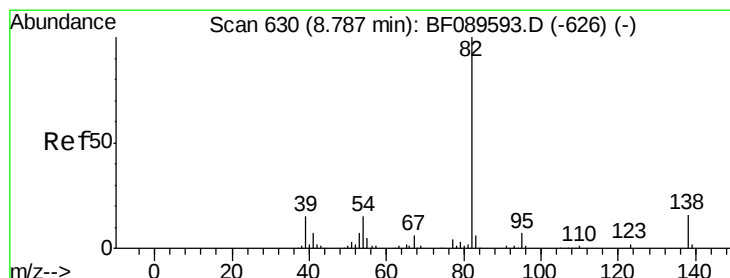
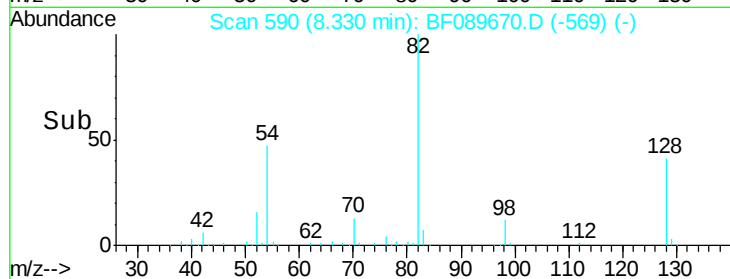
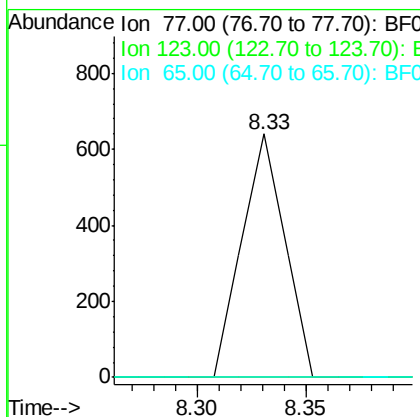
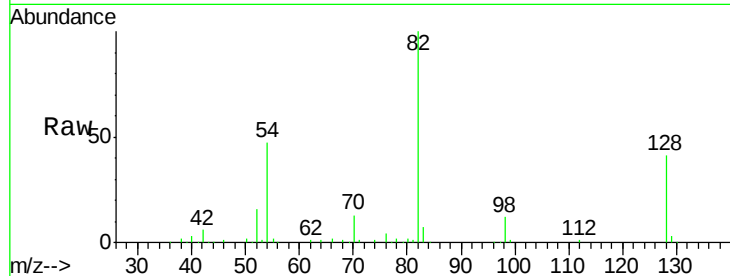




#24
 Nitrobenzene
 Concen: 0.29 ng
 RT: 8.33 min Scan# 590
 Delta R.T. -0.06 min
 Lab File: BF089670.D
 Acq: 8 Aug 2016 20:08

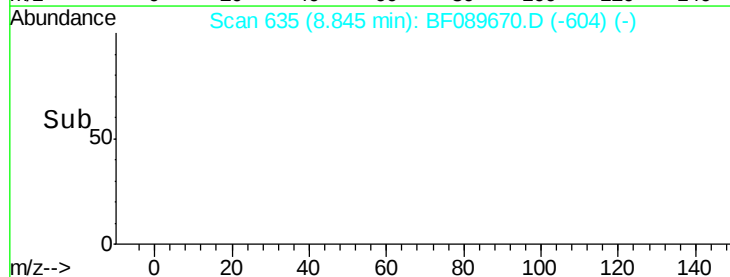
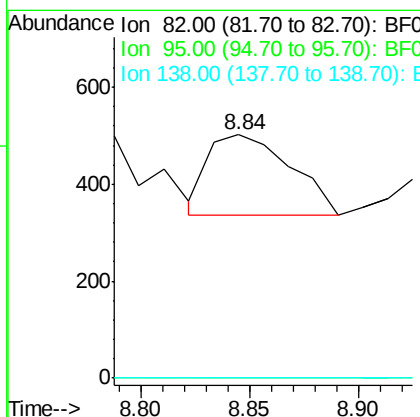
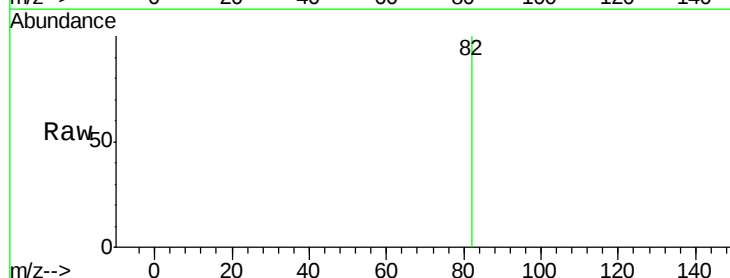
Instrument :
 BNA_F
 ClientSampleId :
 MMA-OS-02

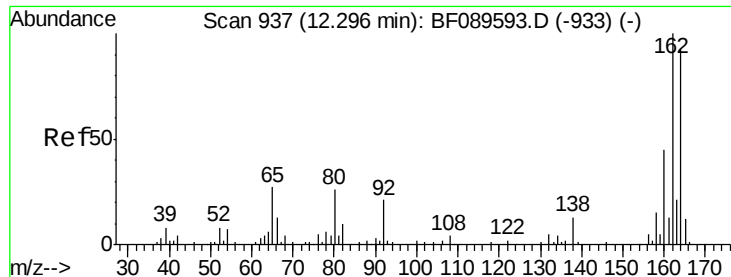
Tgt Ion: 77 Resp: 879
 Ion Ratio Lower Upper
 77 100
 123 0.0 32.6 49.0#
 65 0.0 11.0 16.6#



#25
 Isophorone
 Concen: 0.07 ng
 RT: 8.84 min Scan# 635
 Delta R.T. 0.06 min
 Lab File: BF089670.D
 Acq: 8 Aug 2016 20:08

Tgt Ion: 82 Resp: 440
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.8 8.8#
 138 0.0 12.6 18.8#

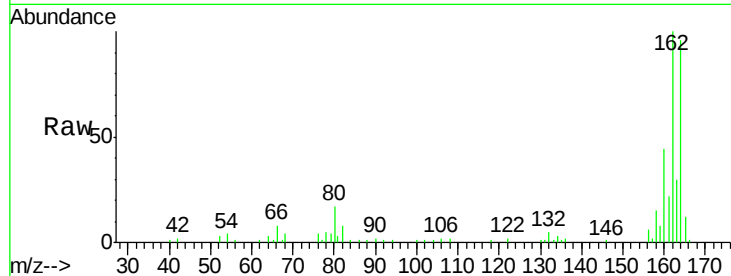




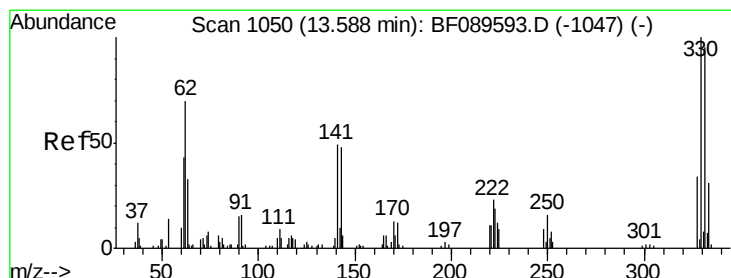
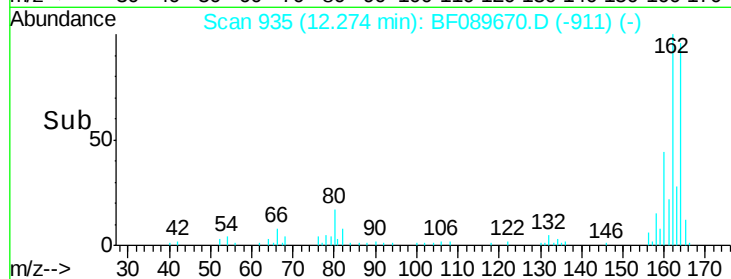
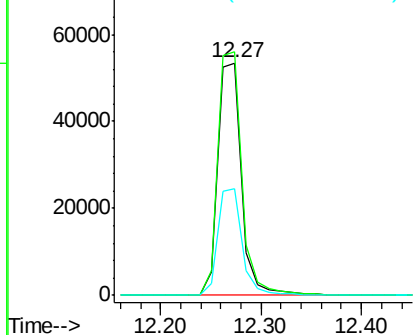
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.27 min Scan# 935
 Delta R.T. -0.02 min
 Lab File: BF089670.D
 Acq: 8 Aug 2016 20:08

Instrument :
 BNA_F
 ClientSampleId :
 MMA-OS-02

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

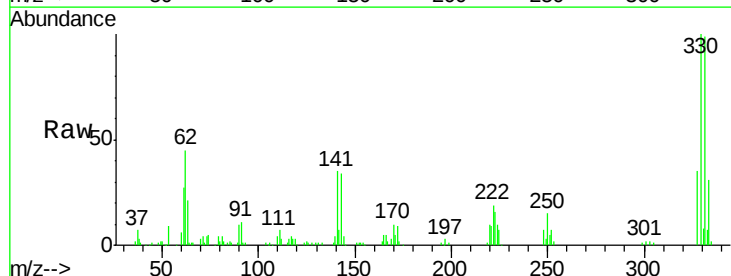


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

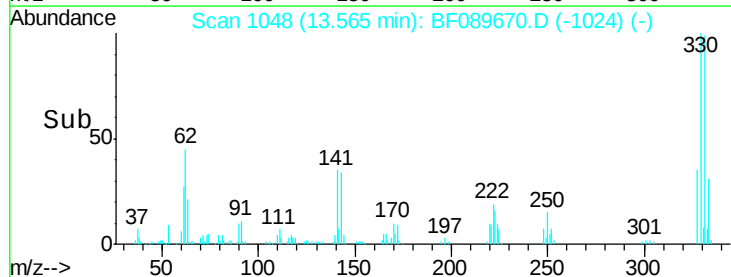
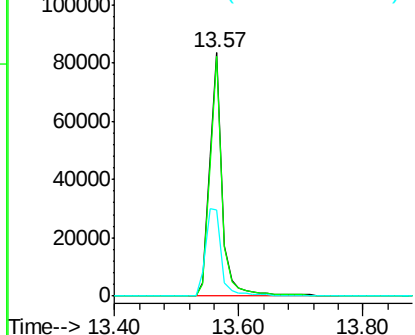


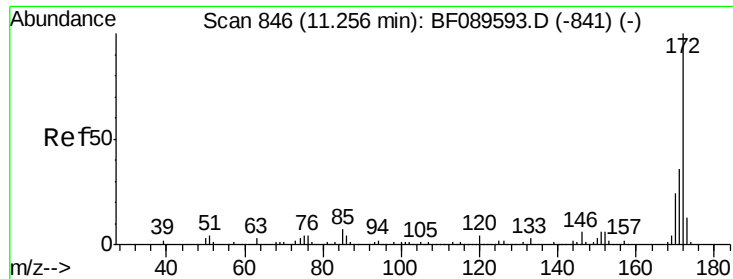
#41
 2,4,6-Tribromophenol
 Concen: 163.02 ng
 RT: 13.57 min Scan# 1048
 Delta R.T. -0.02 min
 Lab File: BF089670.D
 Acq: 8 Aug 2016 20:08

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

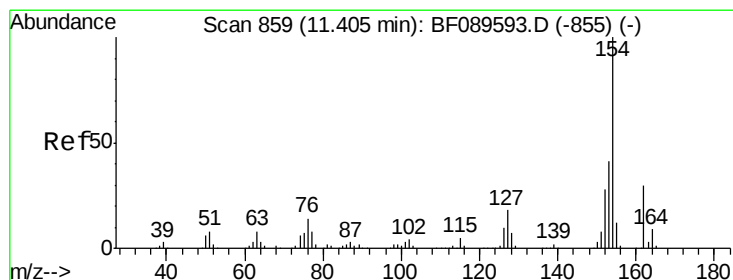
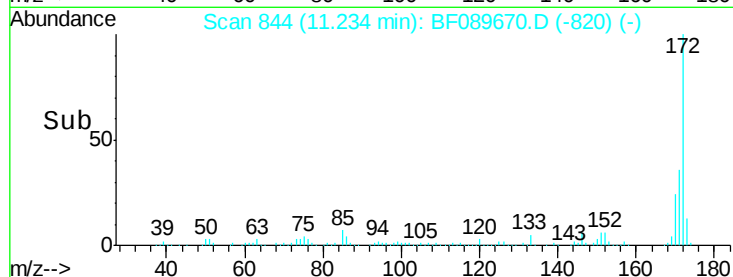
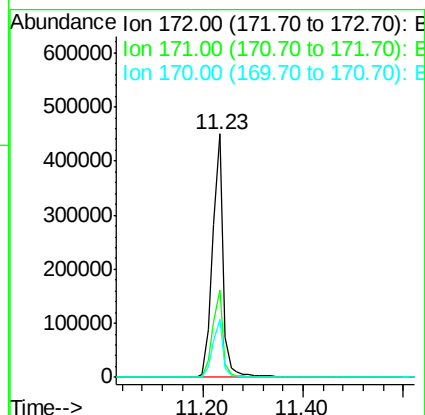
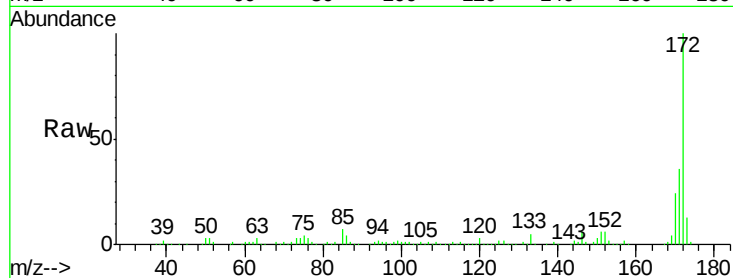




#44
 2-Fluorobiphenyl
 Concen: 98.70 ng
 RT: 11.23 min Scan# 844
 Delta R.T. -0.02 min
 Lab File: BF089670.D
 Acq: 8 Aug 2016 20:08

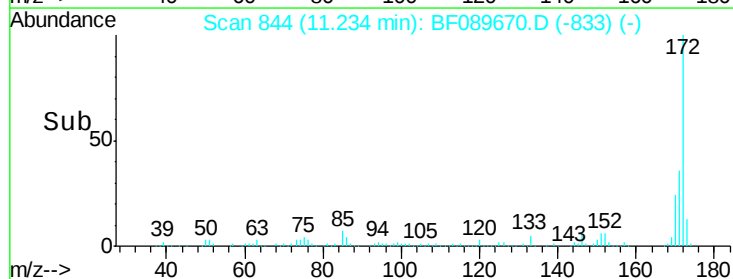
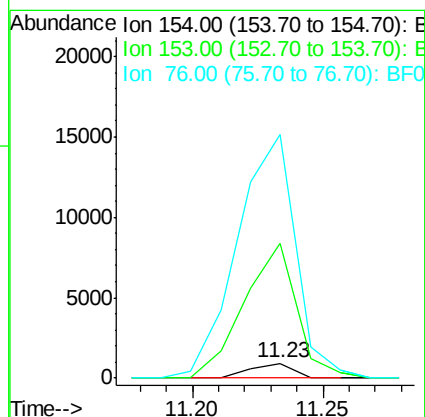
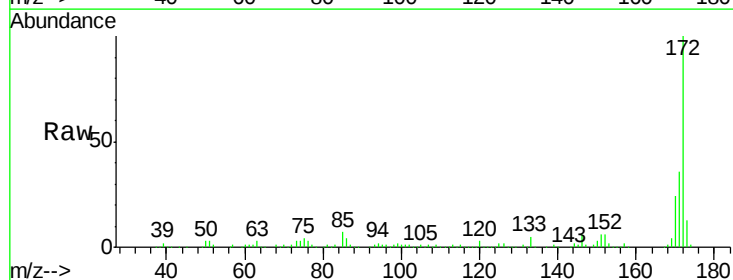
Instrument :
 BNA_F
 ClientSampleId :
 MMA-OS-02

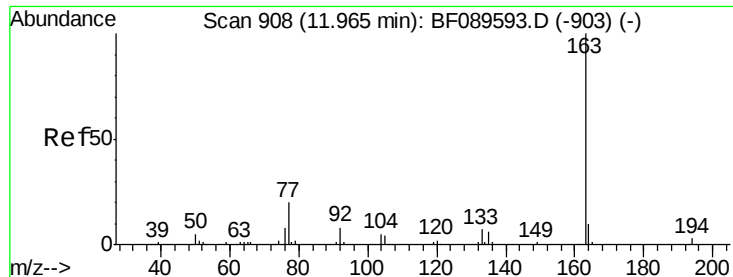
Tgt Ion:172 Resp: 662470
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.9 43.3
 170 23.7 19.0 28.6



#45
 1,1'-Biphenyl
 Concen: 0.13 ng
 RT: 11.23 min Scan# 844
 Delta R.T. -0.17 min
 Lab File: BF089670.D
 Acq: 8 Aug 2016 20:08

Tgt Ion:154 Resp: 1052
 Ion Ratio Lower Upper
 154 100
 153 909.3 20.6 60.6#
 76 1641.6 0.0 33.7#

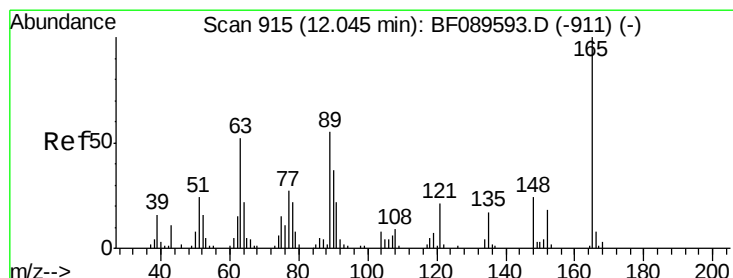
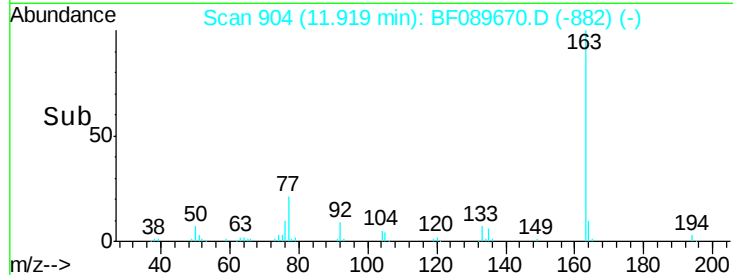
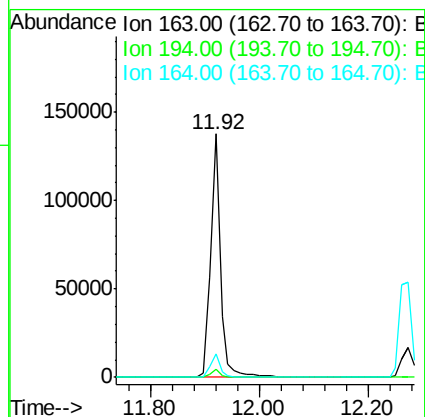
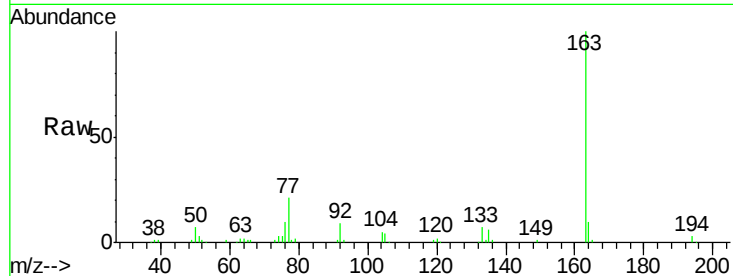




#49
Dimethylphthalate
Concen: 25.38 ng
RT: 11.92 min Scan# 904
Delta R.T. -0.05 min
Lab File: BF089670.D
Acq: 8 Aug 2016 20:08

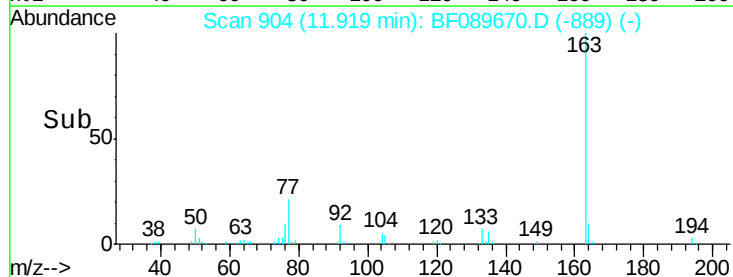
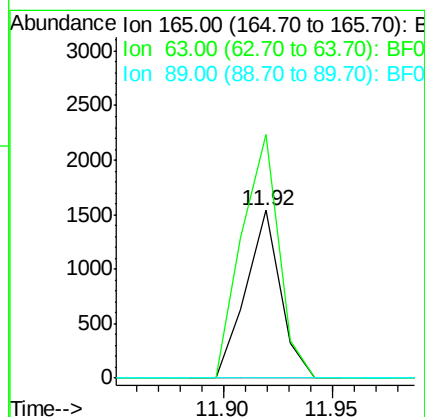
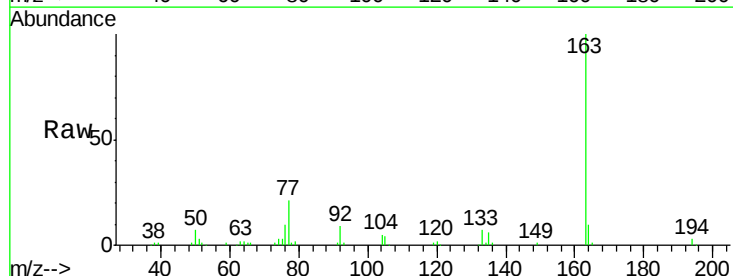
Instrument :
BNA_F
ClientSampleId :
MMA-OS-02

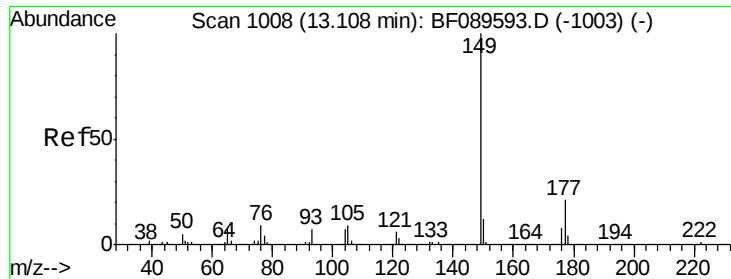
Tgt Ion:163 Resp: 173536
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 9.7 7.8 11.6



#50
2,6-Dinitrotoluene
Concen: 1.26 ng
RT: 11.92 min Scan# 904
Delta R.T. -0.13 min
Lab File: BF089670.D
Acq: 8 Aug 2016 20:08

Tgt Ion:165 Resp: 1706
Ion Ratio Lower Upper
165 100
63 145.2 44.6 67.0#
89 0.0 44.2 66.2#

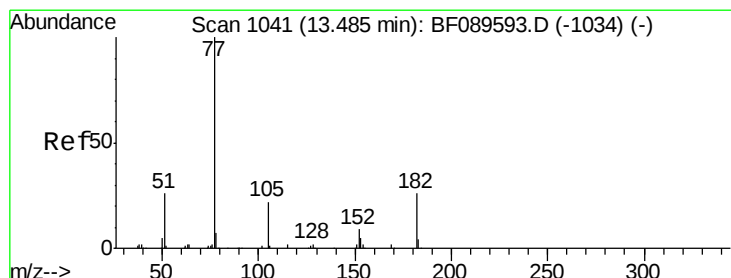
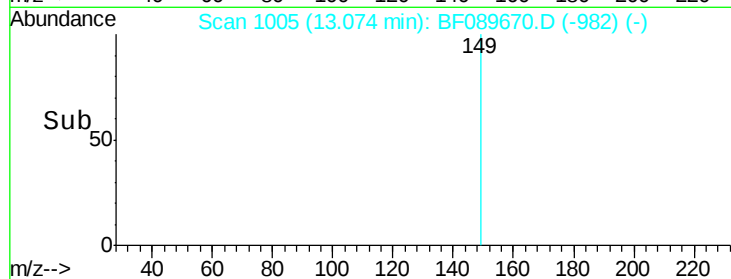
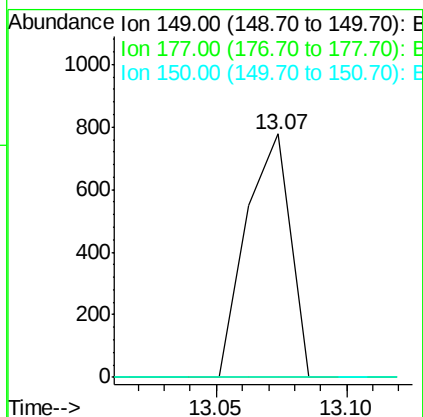
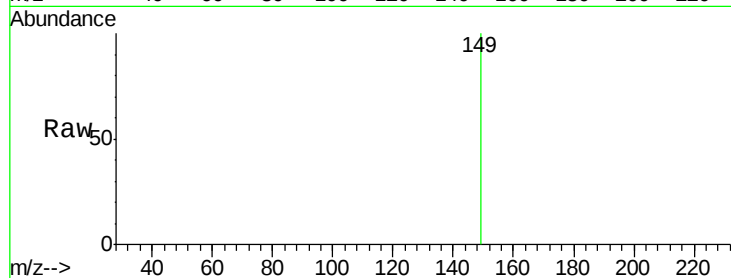




#59
Diethylphthalate
Concen: 0.13 ng
RT: 13.07 min Scan# 1005
Delta R.T. -0.03 min
Lab File: BF089670.D
Acq: 8 Aug 2016 20:08

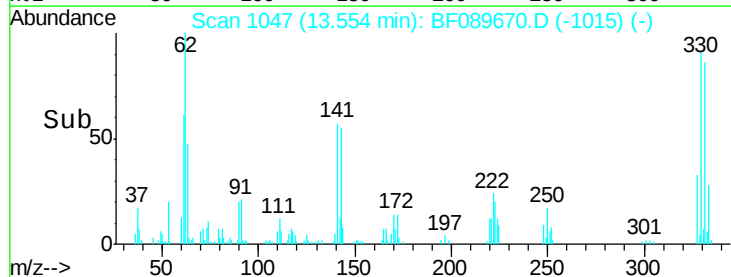
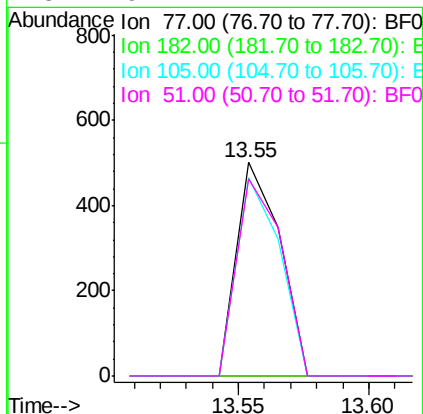
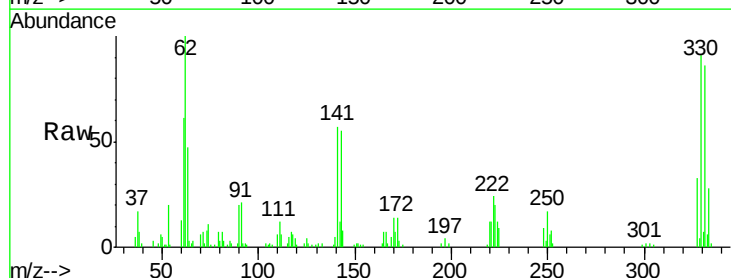
Instrument :
BNA_F
ClientSampleId :
MMA-OS-02

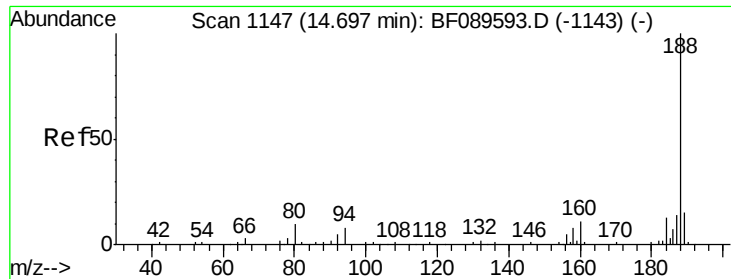
Tgt Ion: 149 Resp: 910
Ion Ratio Lower Upper
149 100
177 0.0 16.8 25.2#
150 0.0 9.6 14.4#



#62
Azobenzene
Concen: 0.09 ng
RT: 13.55 min Scan# 1047
Delta R.T. 0.07 min
Lab File: BF089670.D
Acq: 8 Aug 2016 20:08

Tgt Ion: 77 Resp: 582
Ion Ratio Lower Upper
77 100
182 0.0 5.8 45.8#
105 92.8 2.9 42.9#
51 92.4 7.2 47.2#

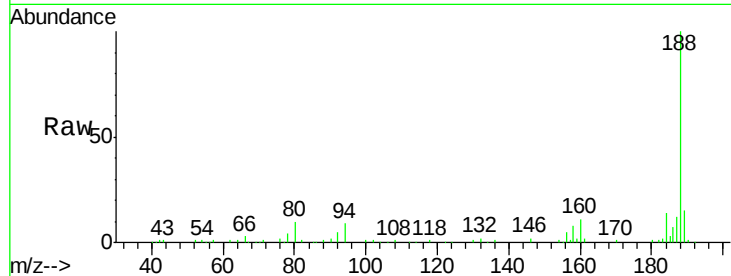




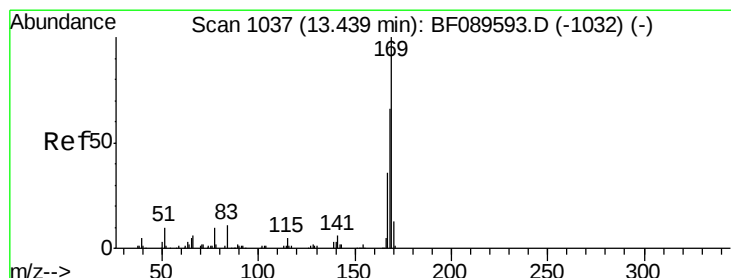
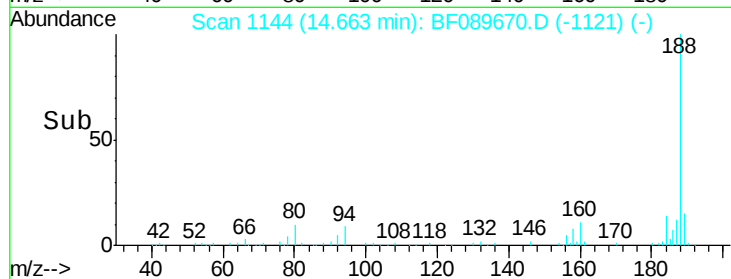
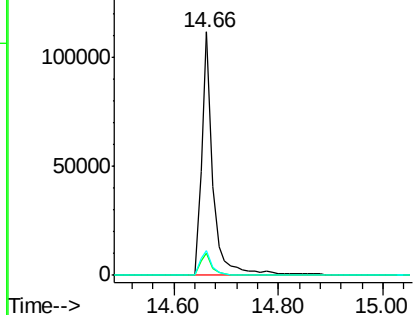
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.66 min Scan# 1144
Delta R.T. -0.03 min
Lab File: BF089670.D
Acq: 8 Aug 2016 20:08

Instrument :
BNA_F
ClientSampleId :
MMA-OS-02

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	6.5	9.7
80	10.0	8.0	12.0

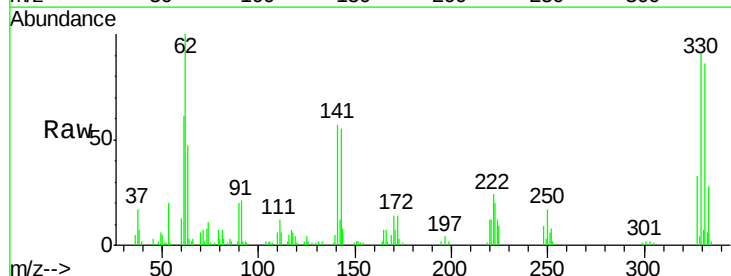


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

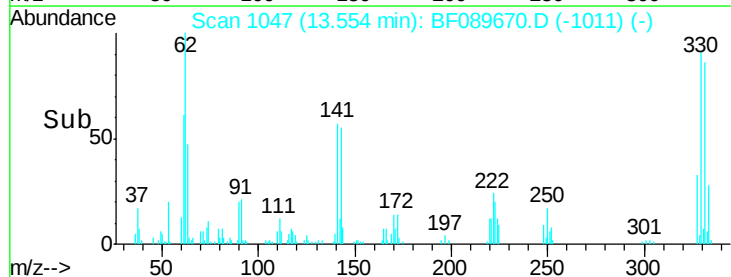
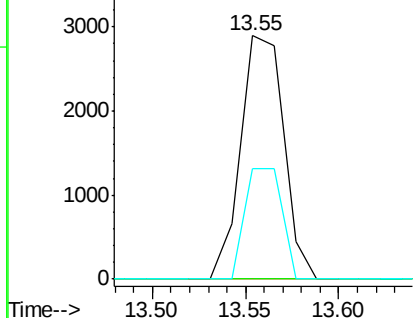


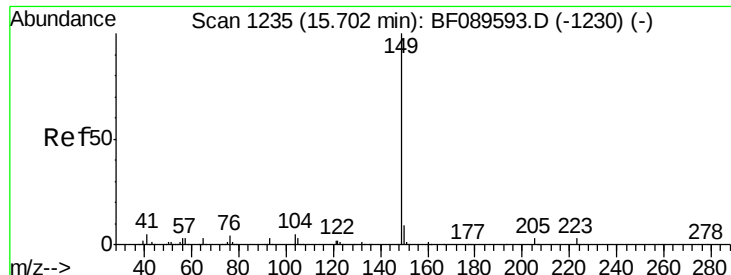
#65
n-Nitrosodiphenylamine
Concen: 0.81 ng
RT: 13.55 min Scan# 1047
Delta R.T. 0.11 min
Lab File: BF089670.D
Acq: 8 Aug 2016 20:08

Tgt Ion	Ratio	Lower	Upper
169	100		
168	0.0	54.2	81.2#
167	45.5	28.9	43.3#



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

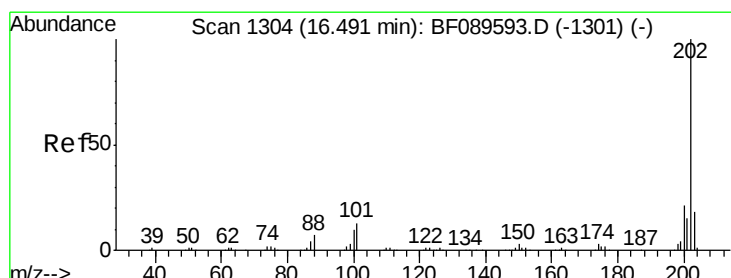
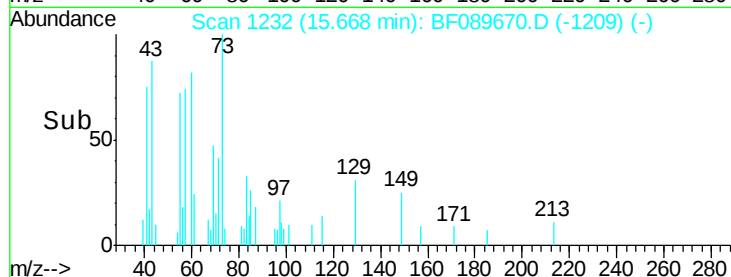
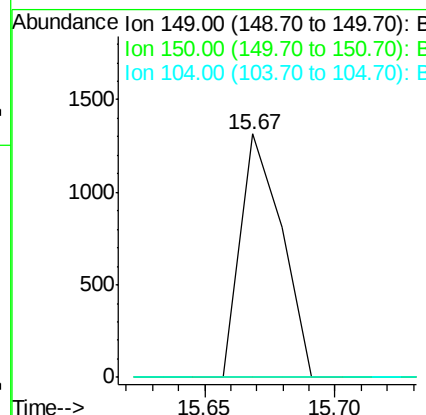
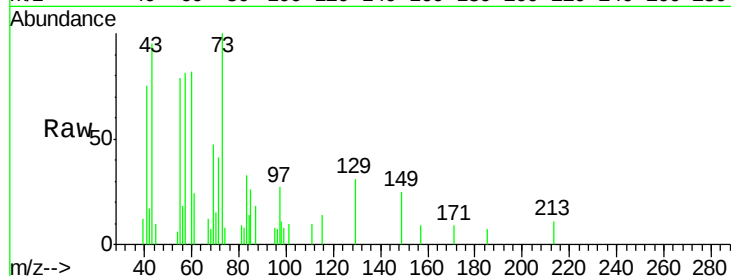




#73
Di-n-butylphthalate
Concen: 0.13 ng
RT: 15.67 min Scan# 1232
Delta R.T. -0.03 min
Lab File: BF089670.D
Acq: 8 Aug 2016 20:08

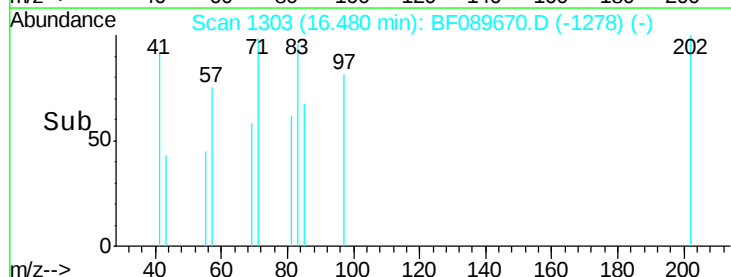
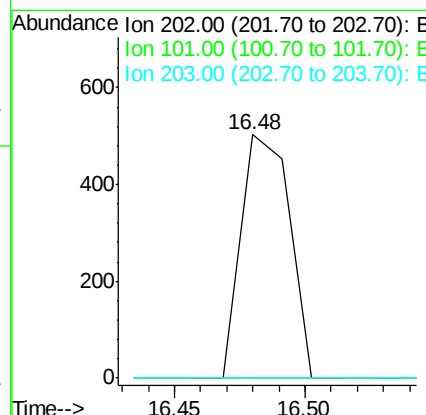
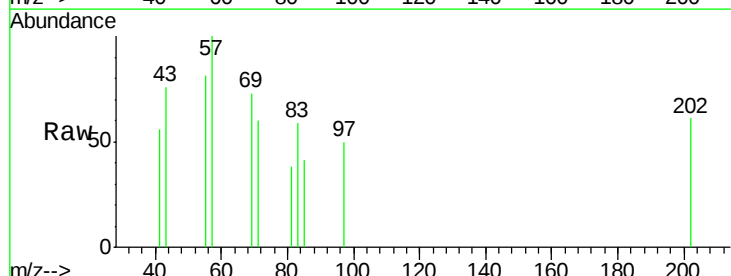
Instrument :
BNA_F
ClientSampleId :
MMA-OS-02

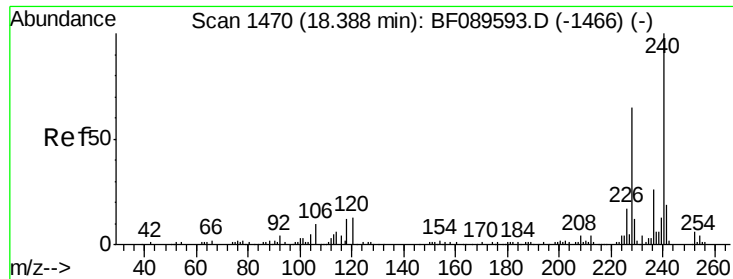
Tgt Ion:149 Resp: 1461
Ion Ratio Lower Upper
149 100
150 0.0 7.2 10.8#
104 0.0 3.8 5.8#



#74
Fluoranthene
Concen: 0.07 ng
RT: 16.48 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF089670.D
Acq: 8 Aug 2016 20:08

Tgt Ion:202 Resp: 656
Ion Ratio Lower Upper
202 100
101 0.0 0.0 32.7
203 0.0 0.0 37.8

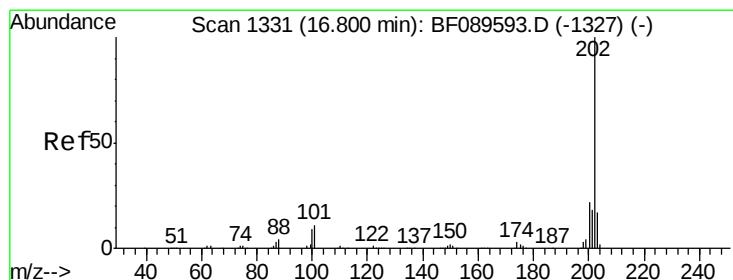
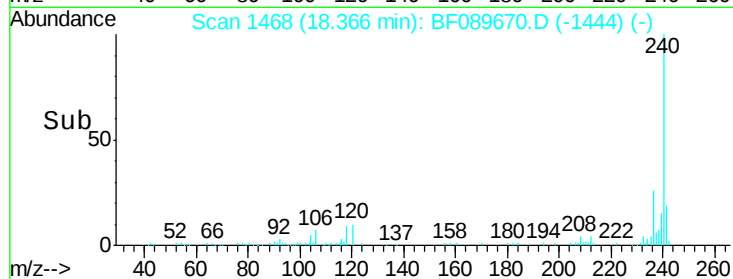
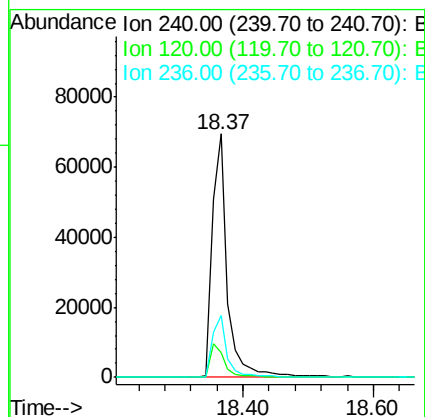
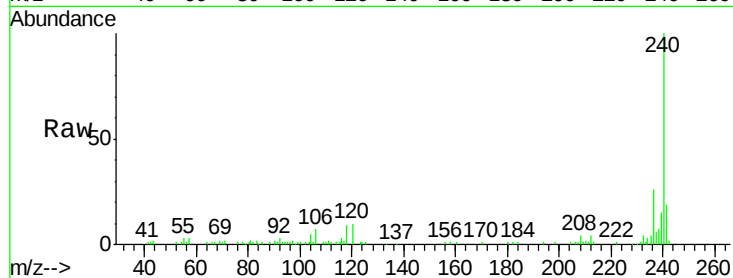




#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.37 min Scan# 1468
Delta R.T. -0.02 min
Lab File: BF089670.D
Acq: 8 Aug 2016 20:08

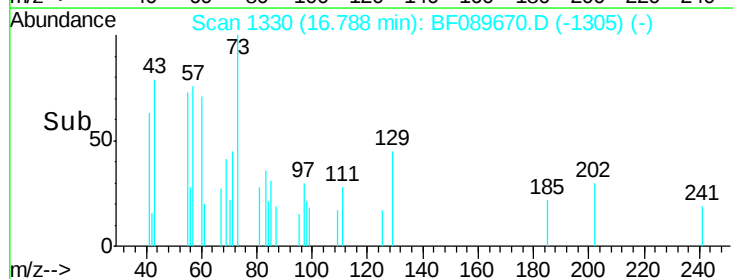
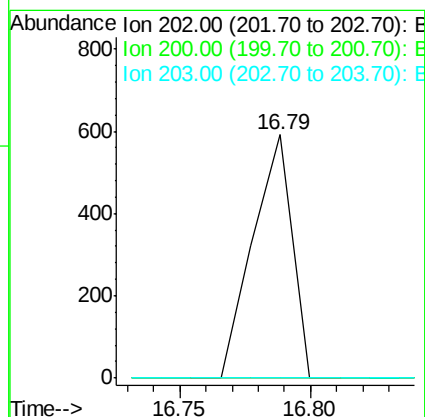
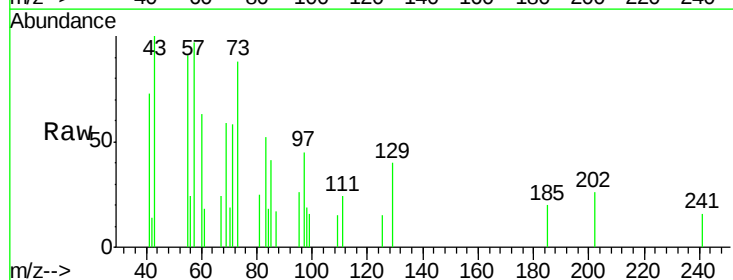
Instrument :
BNA_F
ClientSampleId :
MMA-OS-02

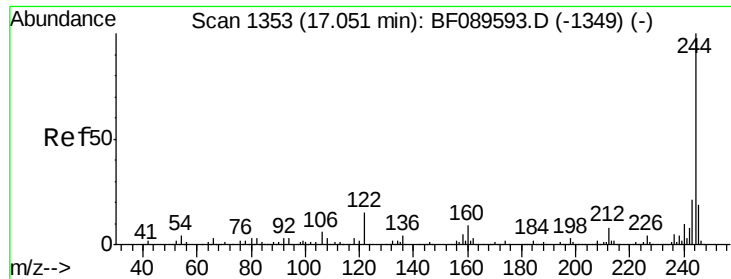
Tgt Ion:240 Resp: 112573
Ion Ratio Lower Upper
240 100
120 10.2 10.6 15.8#
236 25.6 20.6 30.8



#77
Pyrene
Concen: 0.06 ng
RT: 16.79 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF089670.D
Acq: 8 Aug 2016 20:08

Tgt Ion:202 Resp: 626
Ion Ratio Lower Upper
202 100
200 0.0 17.4 26.0#
203 0.0 13.6 20.4#

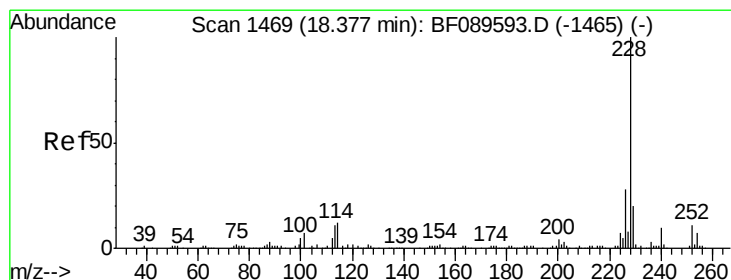
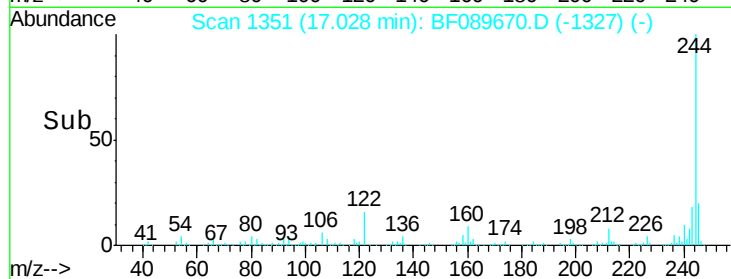
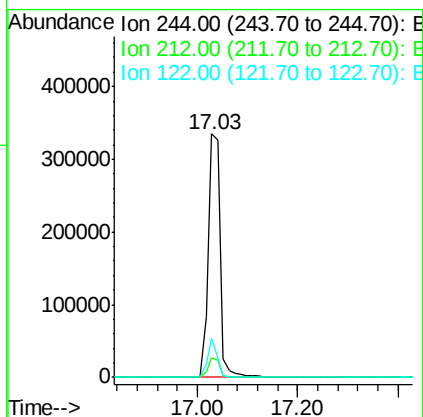
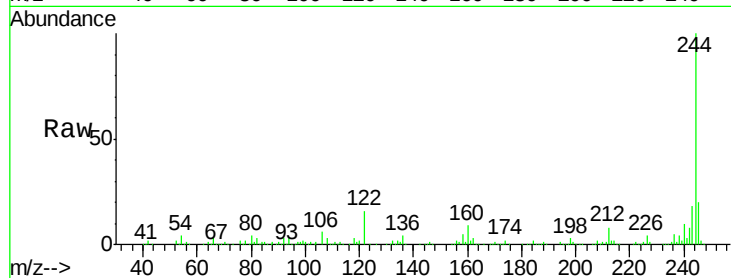




#78
 Terphenyl-d14
 Concen: 97.27 ng
 RT: 17.03 min Scan# 1351
 Delta R.T. -0.02 min
 Lab File: BF089670.D
 Acq: 8 Aug 2016 20:08

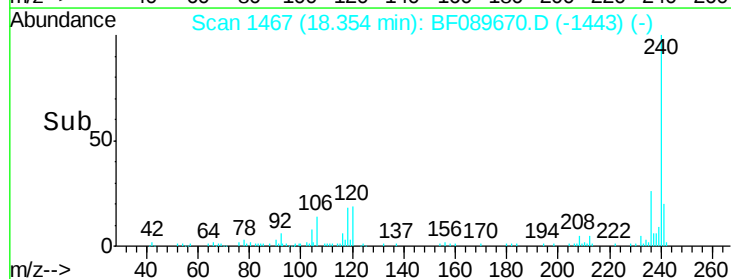
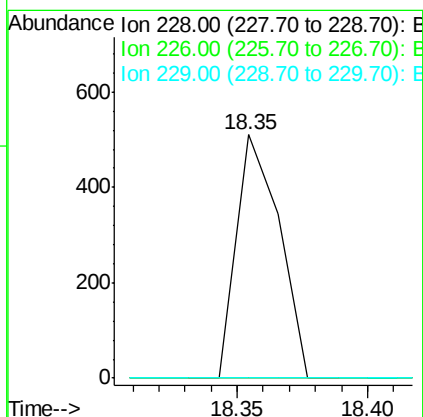
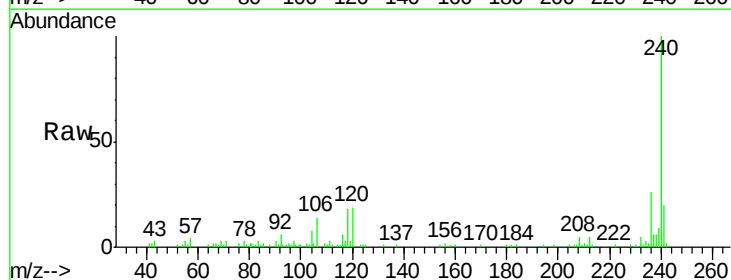
Instrument :
 BNA_F
 ClientSampleId :
 MMA-OS-02

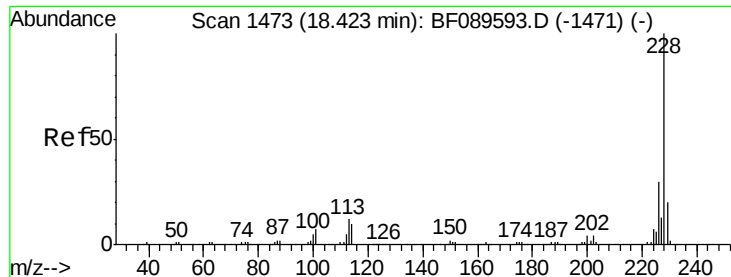
Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.4	9.6
122	15.8	12.2	18.2



#80
 Benzo(a)anthracene
 Concen: 0.09 ng
 RT: 18.35 min Scan# 1467
 Delta R.T. -0.02 min
 Lab File: BF089670.D
 Acq: 8 Aug 2016 20:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	0.0	22.3	33.5#
229	0.0	15.9	23.9#





#82

Chrysene

Concen: 0.09 ng

RT: 18.35 min Scan# 1467

Delta R.T. -0.07 min

Lab File: BF089670.D

Acq: 8 Aug 2016 20:08

Instrument :

BNA_F

ClientSampleId :

MMA-OS-02

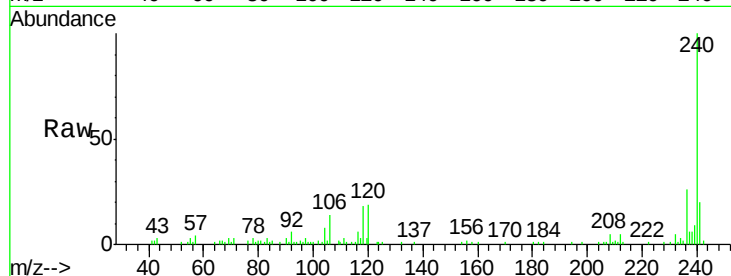
Tgt Ion: 228 Resp: 587

Ion Ratio Lower Upper

228 100

226 0.0 24.2 36.2#

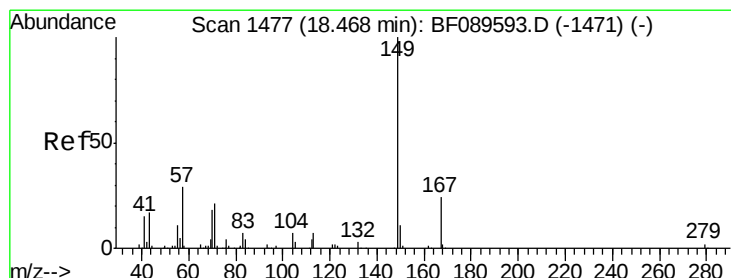
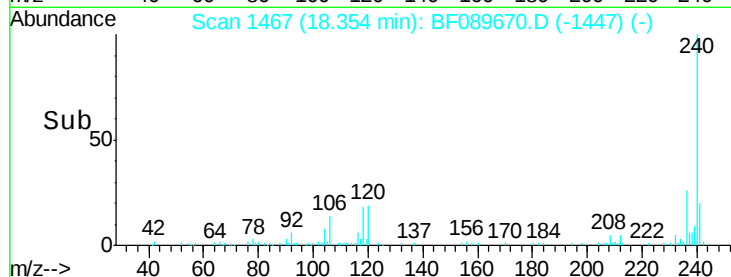
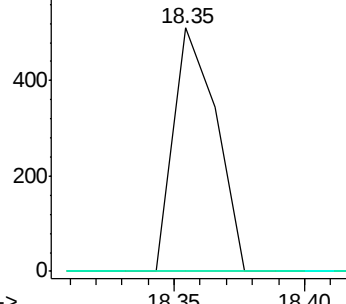
229 0.0 16.0 24.0#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.88 ng

RT: 18.45 min Scan# 1475

Delta R.T. -0.02 min

Lab File: BF089670.D

Acq: 8 Aug 2016 20:08

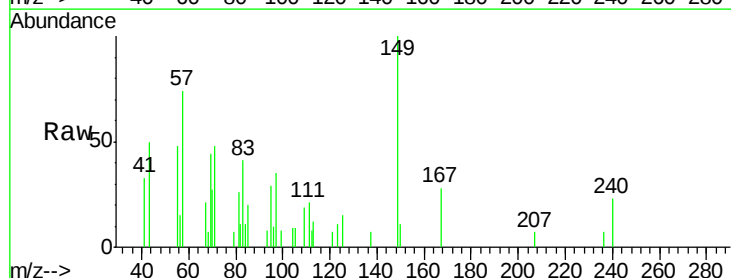
Tgt Ion: 149 Resp: 5144

Ion Ratio Lower Upper

149 100

167 27.9 19.0 28.4

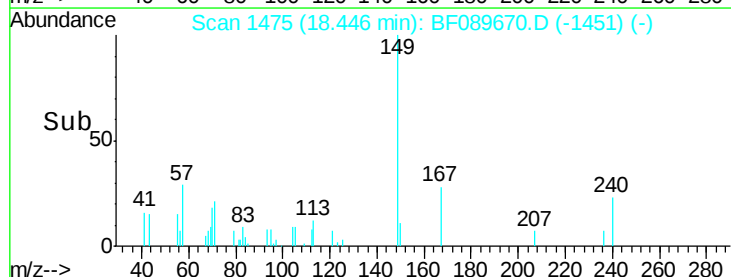
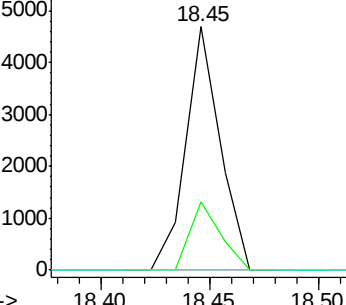
279 0.0 1.8 2.6#

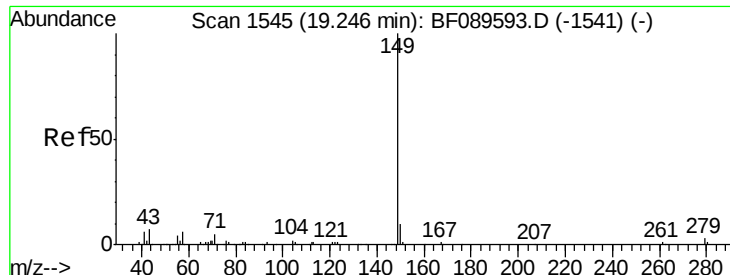


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 0.35 ng

RT: 19.27 min Scan# 1547

Delta R.T. 0.02 min

Lab File: BF089670.D

Acq: 8 Aug 2016 20:08

Instrument :

BNA_F

ClientSampleId :

MMA-OS-02

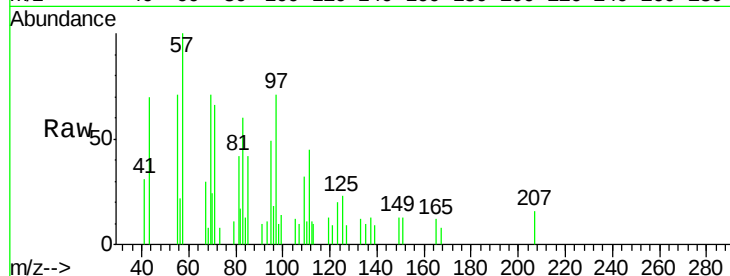
Tgt Ion:149 Resp: 2950

Ion Ratio Lower Upper

149 100

167 7.8 1.1 1.7#

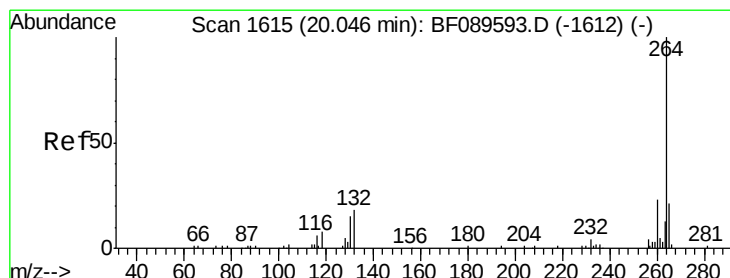
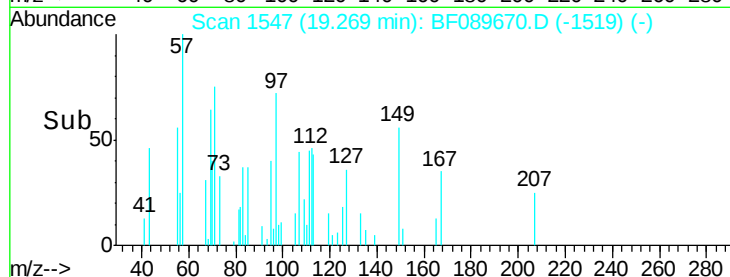
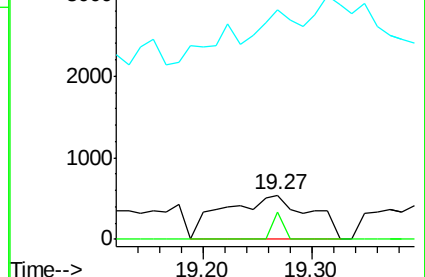
43 38.2 7.0 10.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#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

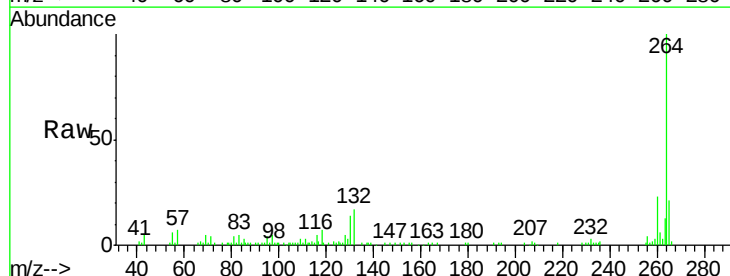
Tgt Ion:264 Resp: 82974

Ion Ratio Lower Upper

264 100

260 23.3 18.7 28.1

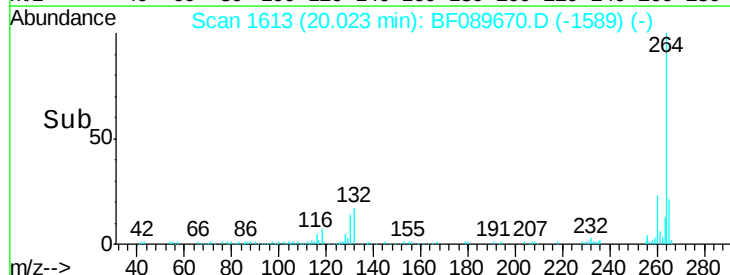
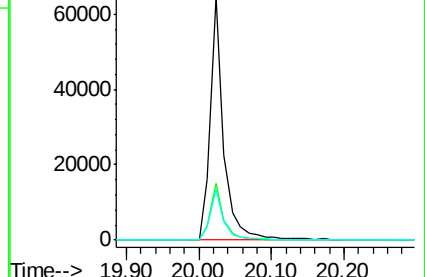
265 20.9 16.5 24.7

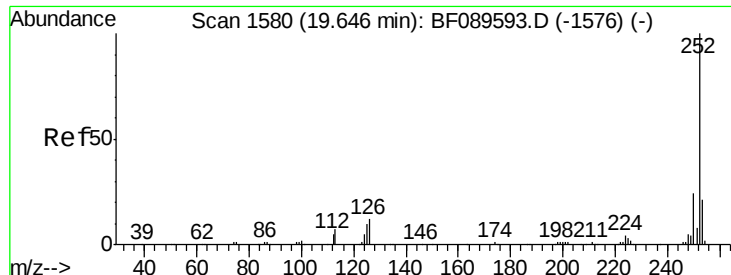


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 0.05 ng

RT: 19.65 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BF089670.D

Acq: 8 Aug 2016 20:08

Instrument :

BNA_F

ClientSampleId :

MMA-OS-02

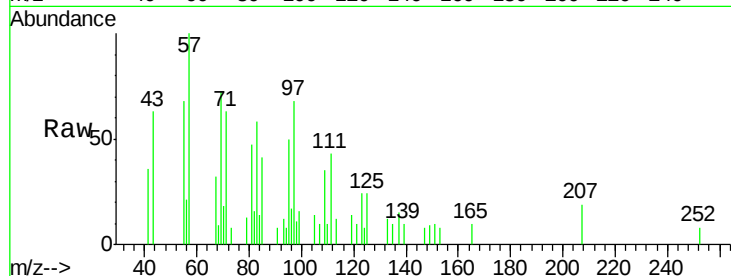
Tgt Ion:252 Resp: 230

Ion Ratio Lower Upper

252 100

253 0.0 17.1 25.7#

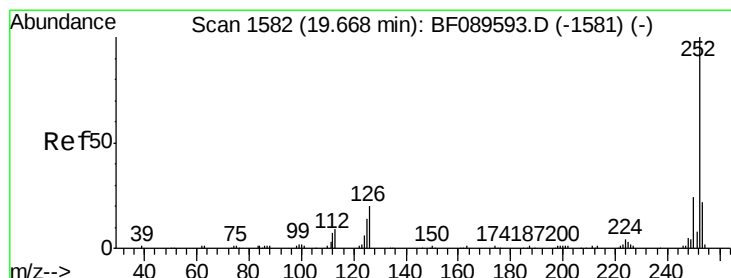
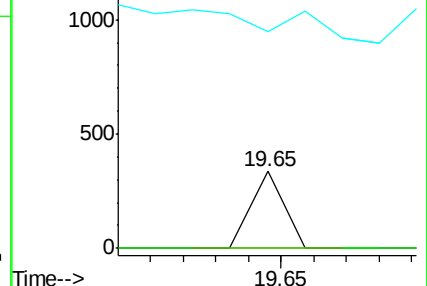
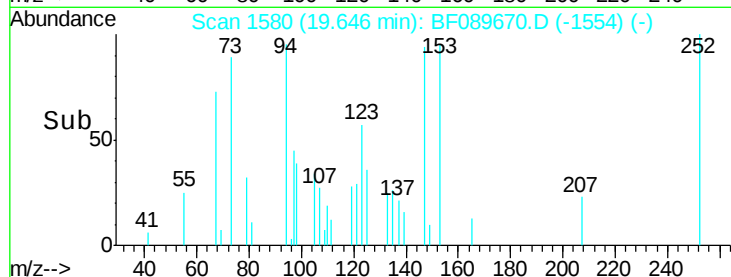
125 282.7 7.8 11.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 0.04 ng

RT: 19.65 min Scan# 1580

Delta R.T. -0.02 min

Lab File: BF089670.D

Acq: 8 Aug 2016 20:08

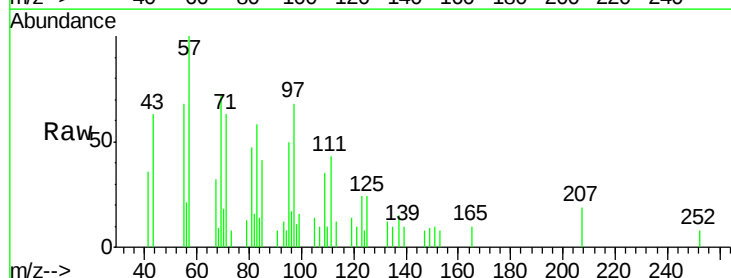
Tgt Ion:252 Resp: 230

Ion Ratio Lower Upper

252 100

253 0.0 17.3 25.9#

125 282.7 11.0 16.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

