

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
 Data File : BF089630.D
 Acq On : 5 Aug 2016 14:55
 Operator : UM/SJ
 Sample : H4292-03
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS7-0-2IN

Quant Time: Aug 05 23:03:40 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

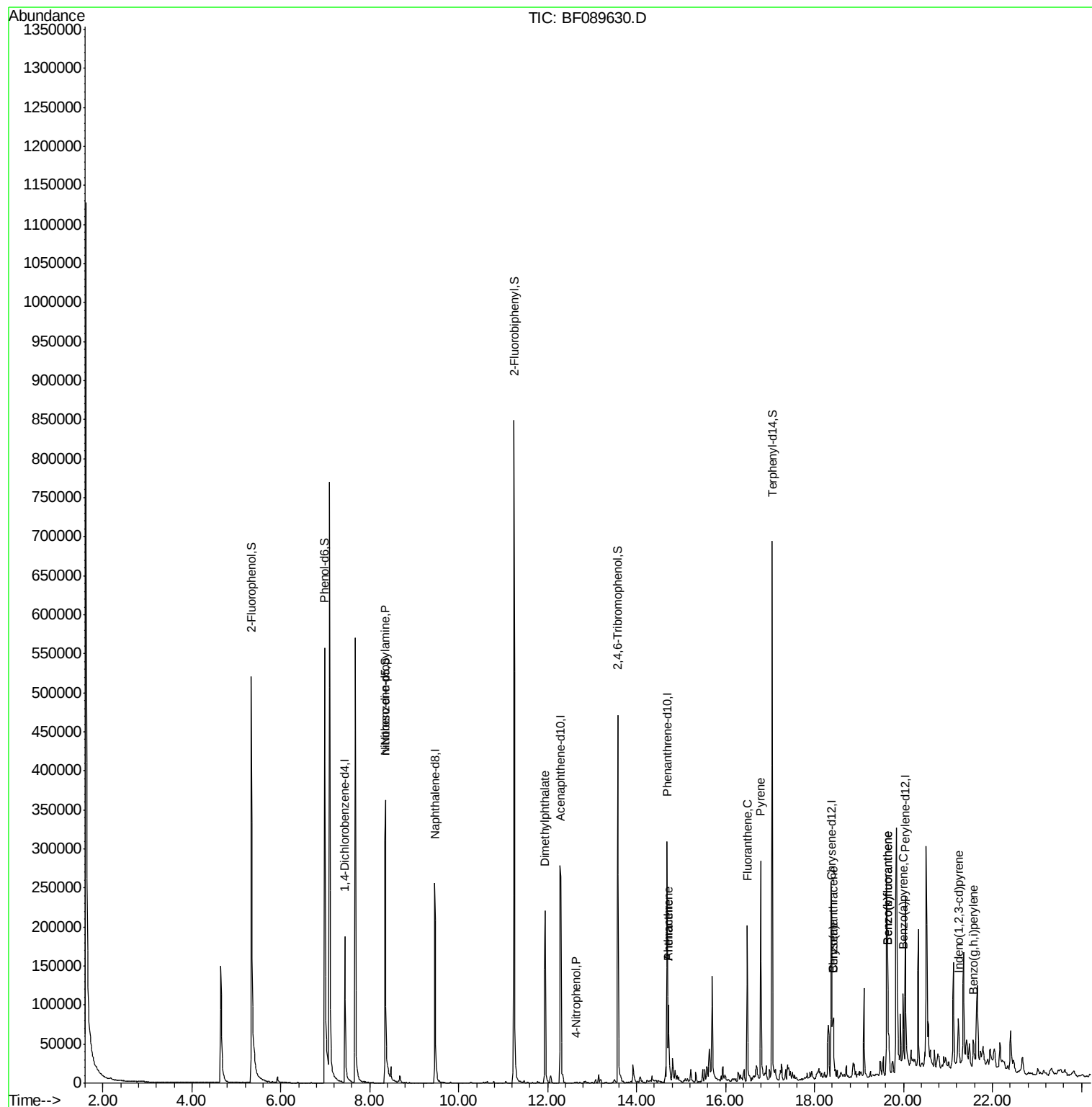
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	49730	20.00	ng	-0.01
21) Naphthalene-d8	9.46	136	208406	20.00	ng	-0.01
38) Acenaphthene-d10	12.28	164	95916	20.00	ng	-0.01
63) Phenanthrene-d10	14.69	188	174338	20.00	ng	-0.01
75) Chrysene-d12	18.39	240	102012	20.00	ng	0.00
86) Perylene-d12	20.05	264	101218	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	292228	98.49	ng	0.02
7) Phenol-d6	6.98	99	391947	97.38	ng	0.00
23) Nitrobenzene-d5	8.35	82	248376	65.92	ng	-0.01
41) 2,4,6-Tribromophenol	13.58	330	73364	92.69	ng	-0.01
44) 2-Fluorobiphenyl	11.24	172	423136	57.33	ng	-0.01
78) Terphenyl-d14	17.05	244	282063	54.58	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.35	70	29925	10.29	ng	Qvalue # 80
49) Dimethylphthalate	11.94	163	139067	18.50	ng	100
55) 4-Nitrophenol	12.64	139	261	6.92	ng	# 21
70) Phenanthrene	14.72	178	59279	6.25	ng	99
71) Anthracene	14.72	178	59279	5.83	ng	99
74) Fluoranthene	16.49	202	120649	12.38	ng	97
77) Pyrene	16.79	202	101244	11.23	ng	# 96
80) Benzo(a)anthracene	18.42	228	40240	6.87	ng	95
82) Chrysene	18.42	228	40240	6.54	ng	98
85) Indeno(1,2,3-cd)pyrene	21.23	276	32021	6.86	ng	# 94
87) Benzo(b)fluoranthene	19.65	252	80379	12.91	ng	# 96
88) Benzo(k)fluoranthene	19.65	252	80379	12.80	ng	99
89) Benzo(a)pyrene	19.99	252	44163	7.58	ng	# 94
91) Benzo(g,h,i)perylene	21.57	276	33457	6.00	ng	96

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
Data File : BF089630.D
Acq On : 5 Aug 2016 14:55
Operator : UM/SJ
Sample : H4292-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS7-0-2IN

Quant Time: Aug 05 23:03:40 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



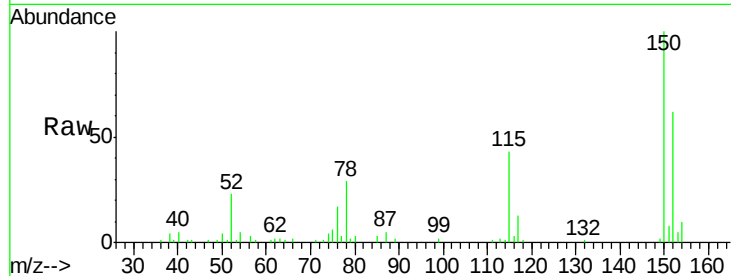


#1

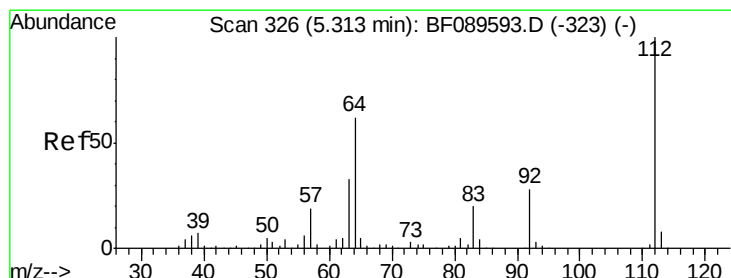
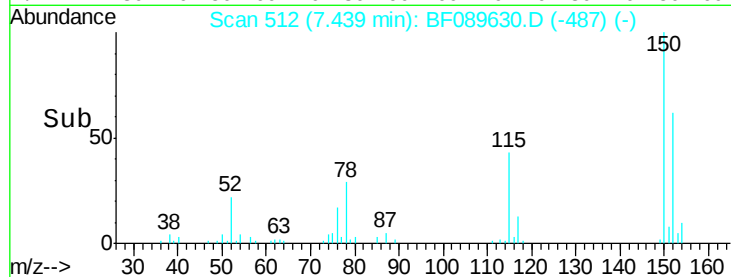
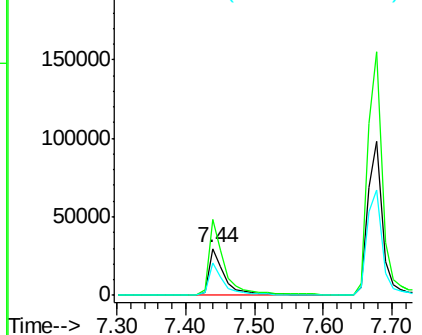
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.44 min Scan# 512
 Delta R.T. -0.01 min
 Lab File: BF089630.D
 Acq: 5 Aug 2016 14:55

Instrument :
 BNA_F
 ClientSampleId :
 SS7-0-2IN

Tgt Ion:152 Resp: 49730
 Ion Ratio Lower Upper
 152 100
 150 160.2 125.5 188.3
 115 69.7 52.0 78.0



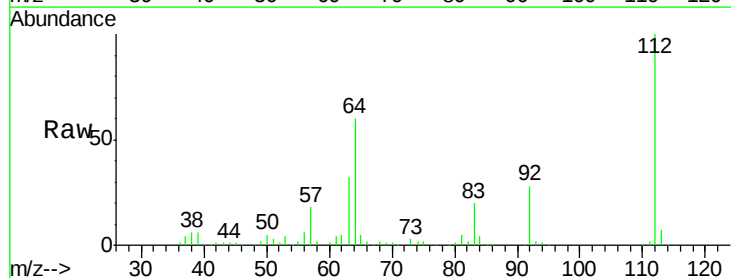
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



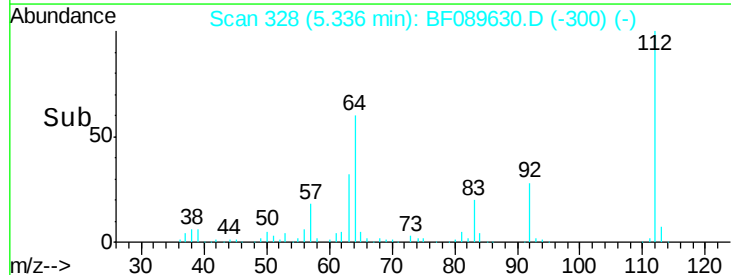
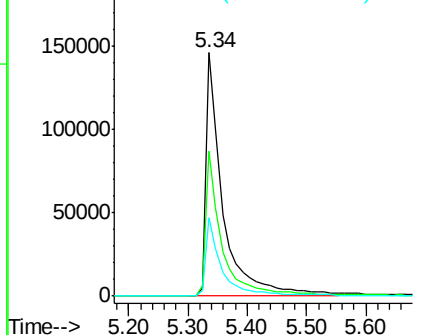
#5

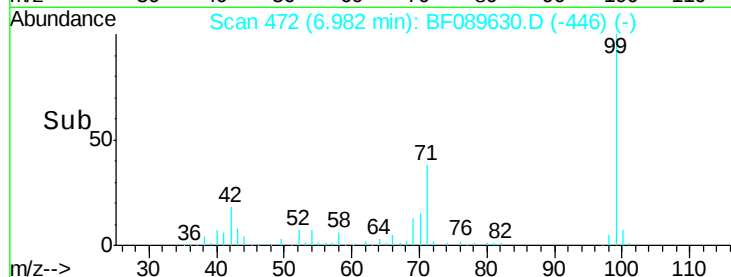
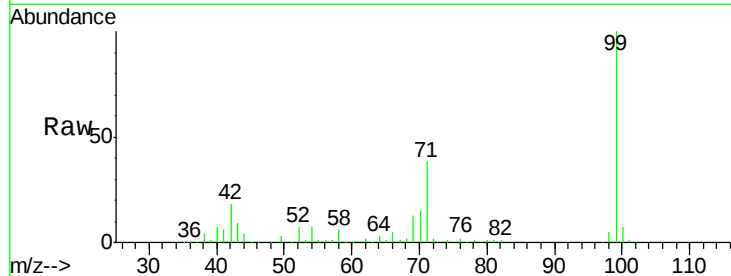
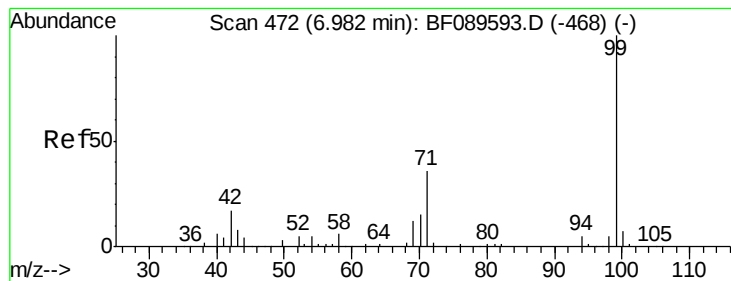
2-Fluorophenol
 Concen: 98.49 ng
 RT: 5.34 min Scan# 328
 Delta R.T. 0.02 min
 Lab File: BF089630.D
 Acq: 5 Aug 2016 14:55

Tgt Ion:112 Resp: 292228
 Ion Ratio Lower Upper
 112 100
 64 59.8 49.9 74.9
 63 32.2 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: 97.38 ng

RT: 6.98 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF089630.D

Acq: 5 Aug 2016 14:55

Instrument :

BNA_F

ClientSampleId :

SS7-0-2IN

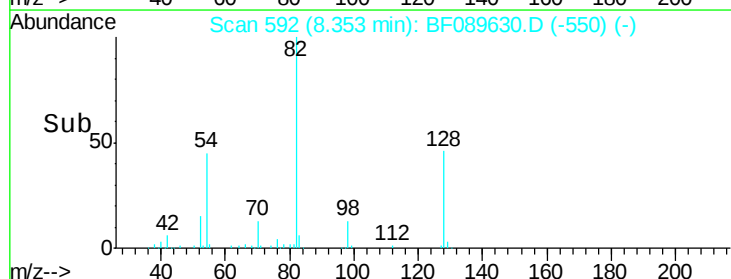
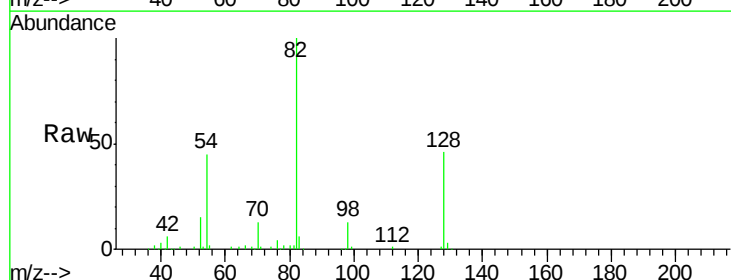
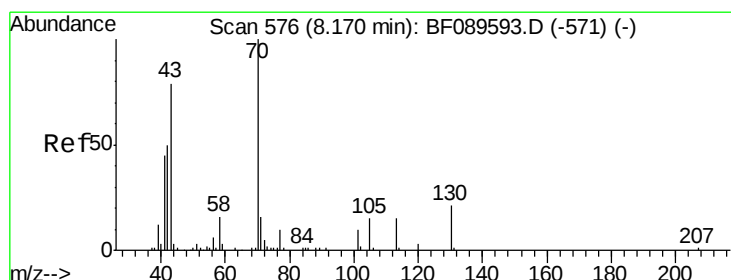
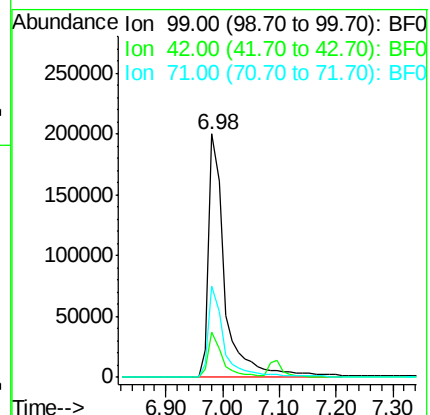
Tgt Ion: 99 Resp: 391947

Ion Ratio Lower Upper

99 100

42 18.4 13.7 20.5

71 37.7 29.0 43.4



#19

n-Nitroso-di-n-propylamine

Concen: 10.29 ng

RT: 8.35 min Scan# 592

Delta R.T. 0.18 min

Lab File: BF089630.D

Acq: 5 Aug 2016 14:55

Tgt Ion: 70 Resp: 29925

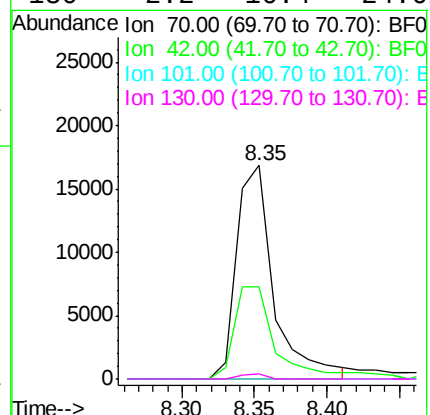
Ion Ratio Lower Upper

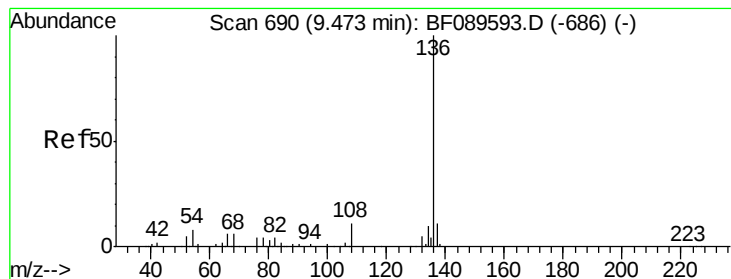
70 100

42 42.9 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: 9.46 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF089630.D

Acq: 5 Aug 2016 14:55

Instrument :

BNA_F

ClientSampleId :

SS7-0-2IN

Tgt Ion:136 Resp: 208406

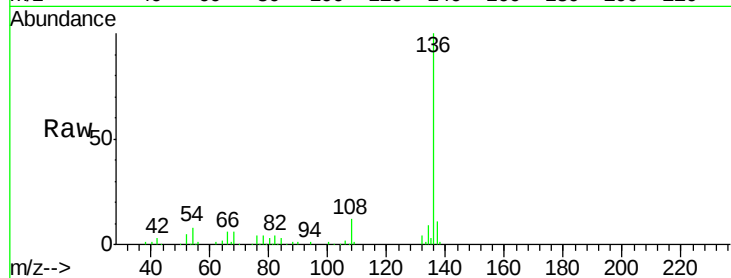
Ion Ratio Lower Upper

136 100

137 10.9 8.6 12.8

54 8.5 6.0 9.0

68 6.1 4.6 6.8

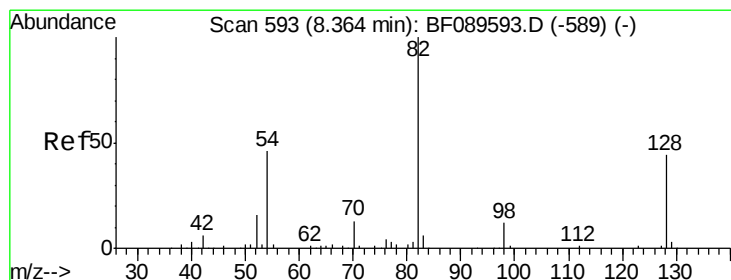
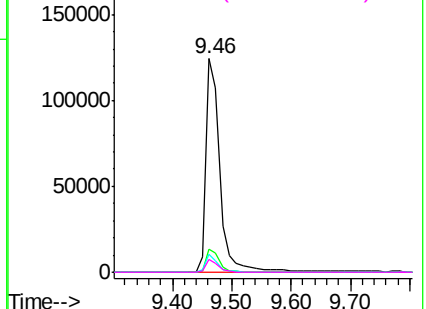
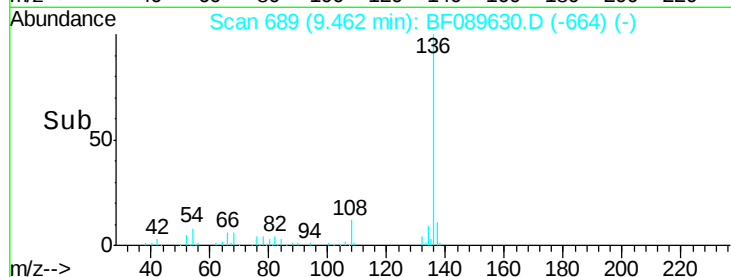


Abundance Ion 136.00 (135.70 to 136.70): E

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: 65.92 ng

RT: 8.35 min Scan# 592

Delta R.T. -0.01 min

Lab File: BF089630.D

Acq: 5 Aug 2016 14:55

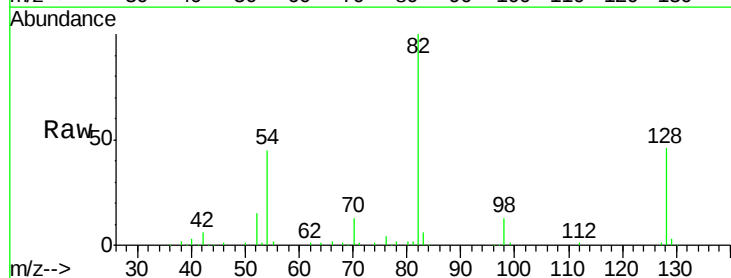
Tgt Ion: 82 Resp: 248376

Ion Ratio Lower Upper

82 100

128 46.3 35.4 53.0

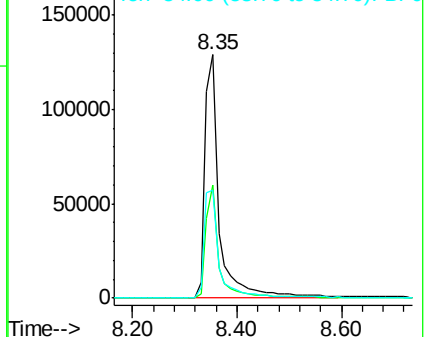
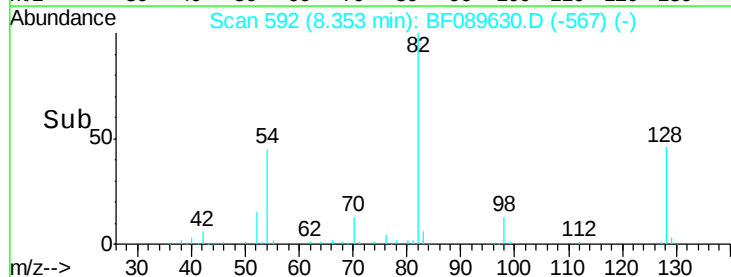
54 44.5 36.4 54.6

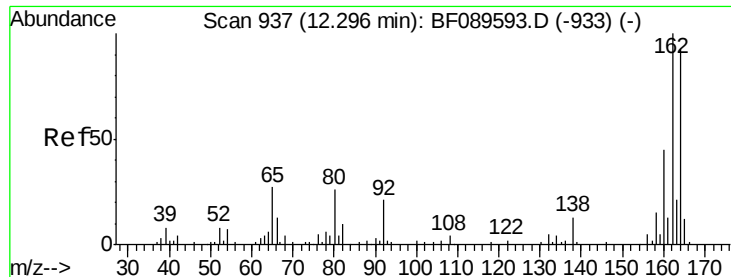


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

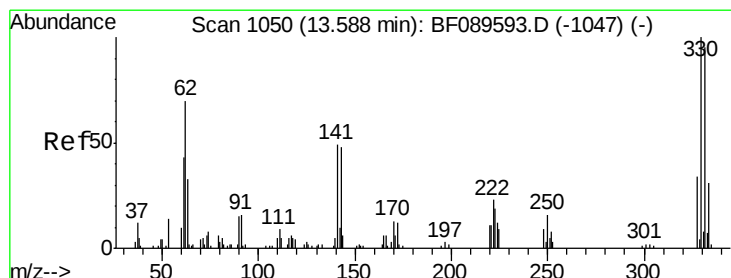
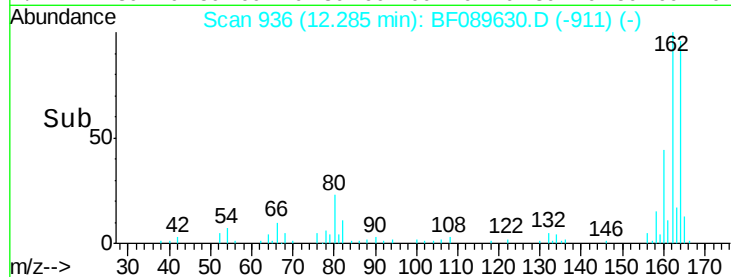
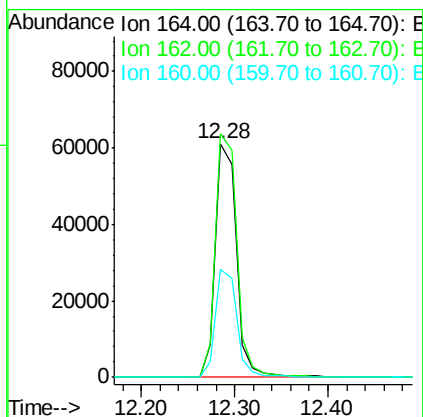
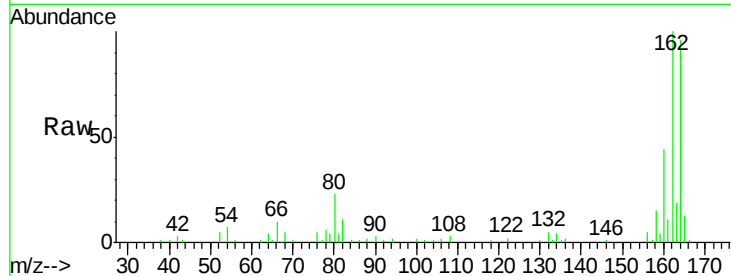




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.28 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: BF089630.D
 Acq: 5 Aug 2016 14:55

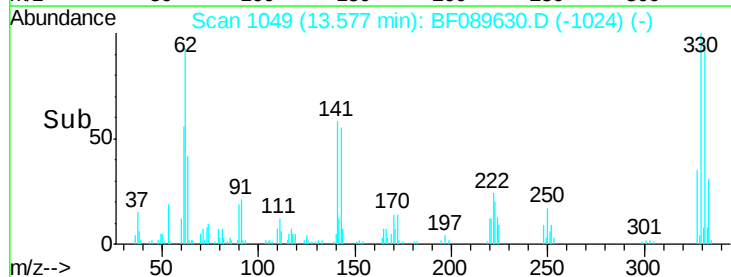
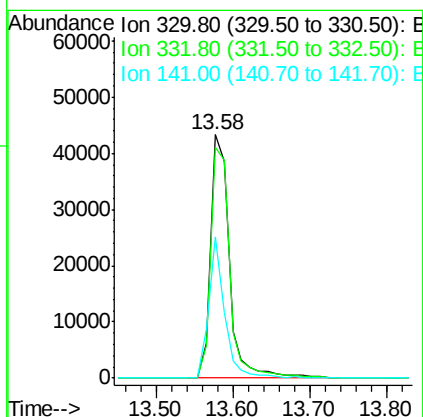
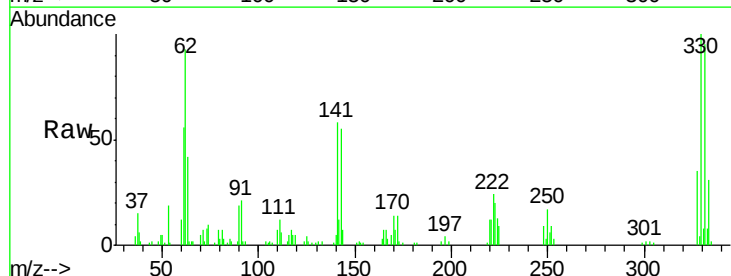
Instrument :
 BNA_F
 ClientSampleId :
 SS7-0-2IN

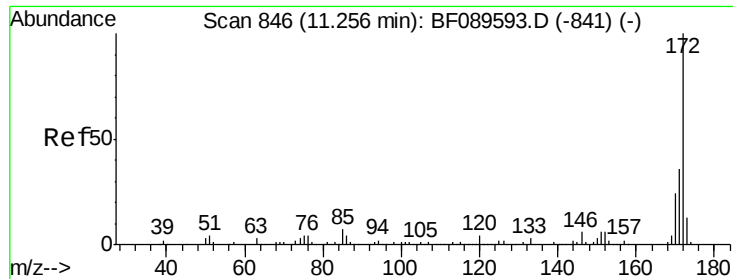
Tgt Ion:164 Resp: 95916
 Ion Ratio Lower Upper
 164 100
 162 104.0 85.7 128.5
 160 46.1 38.2 57.4



#41
 2,4,6-Tribromophenol
 Concen: 92.69 ng
 RT: 13.58 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BF089630.D
 Acq: 5 Aug 2016 14:55

Tgt Ion:330 Resp: 73364
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.0 115.6
 141 49.0 38.6 57.8

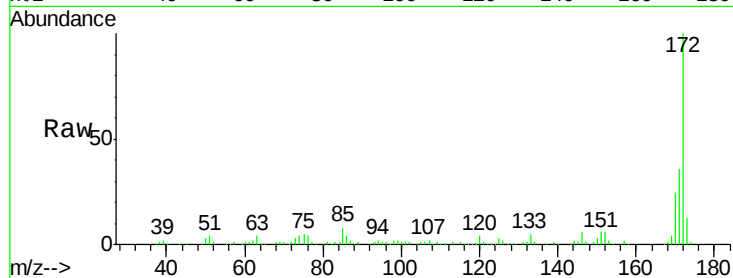




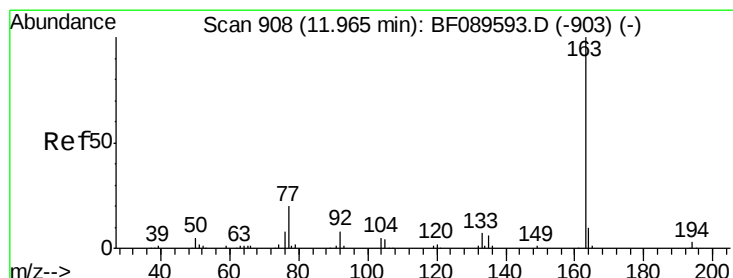
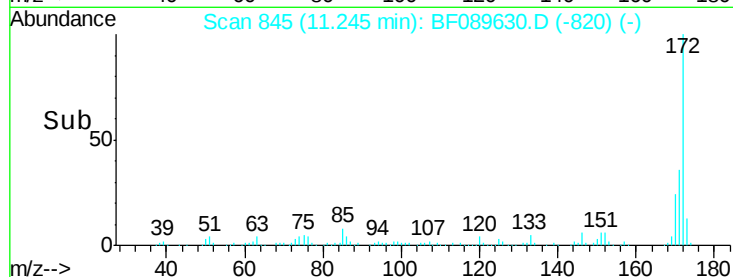
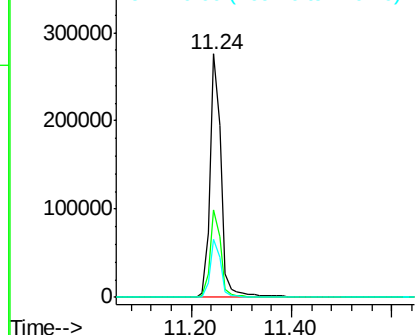
#44
 2-Fluorobiphenyl
 Concen: 57.33 ng
 RT: 11.24 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BF089630.D
 Acq: 5 Aug 2016 14:55

Instrument :
 BNA_F
 ClientSampleId :
 SS7-0-2IN

Tgt Ion:172 Resp: 423136
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.9 43.3
 170 23.9 19.0 28.6

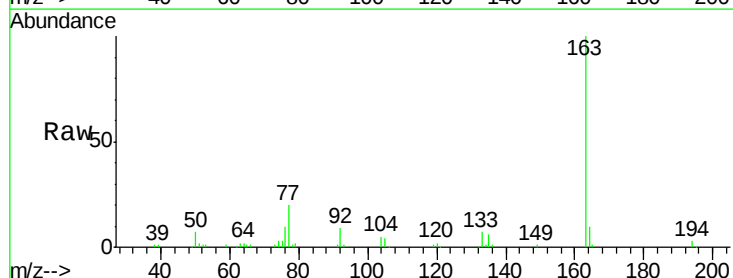


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

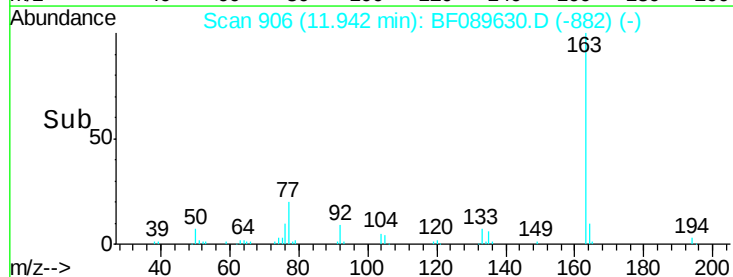
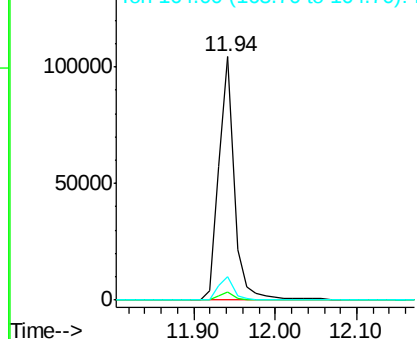


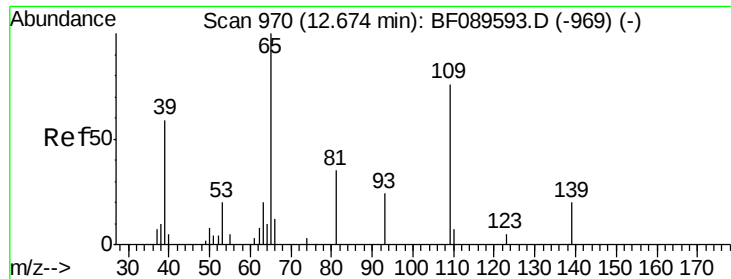
#49
 Dimethylphthalate
 Concen: 18.50 ng
 RT: 11.94 min Scan# 906
 Delta R.T. -0.02 min
 Lab File: BF089630.D
 Acq: 5 Aug 2016 14:55

Tgt Ion:163 Resp: 139067
 Ion Ratio Lower Upper
 163 100
 194 3.3 2.7 4.1
 164 9.8 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

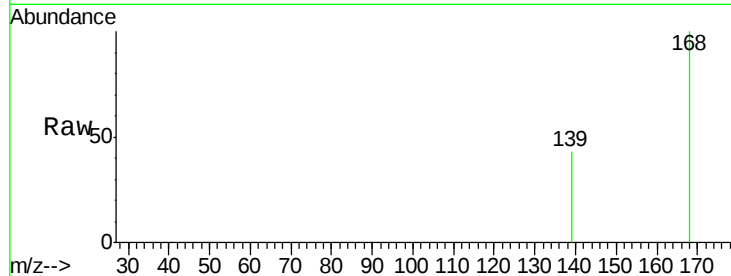




#55
4-Nitrophenol
Concen: 6.92 ng
RT: 12.64 min Scan# 967
Delta R.T. -0.03 min
Lab File: BF089630.D
Acq: 5 Aug 2016 14:55

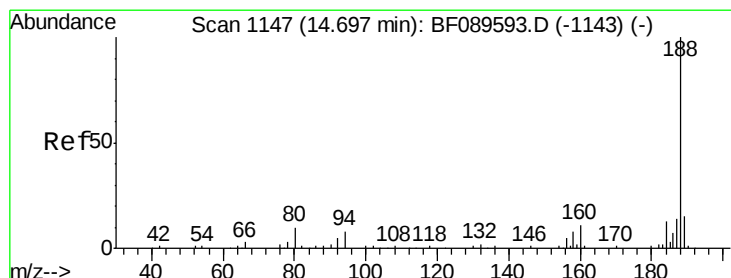
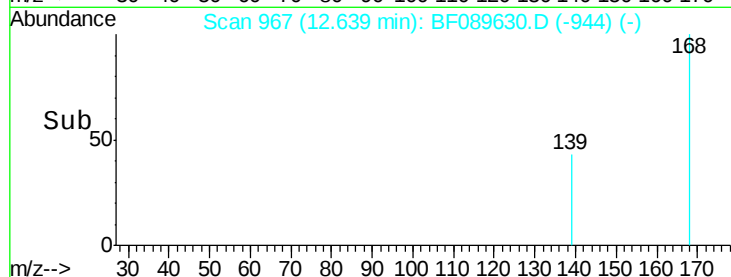
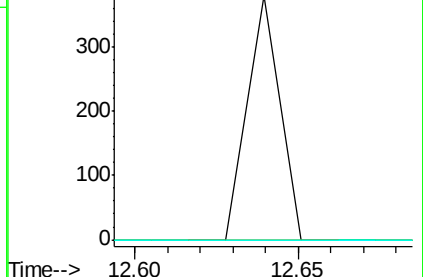
Instrument :
BNA_F
ClientSampleId :
SS7-0-2IN

Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.0	28.9	68.9#
65	0.0	49.2	89.2#



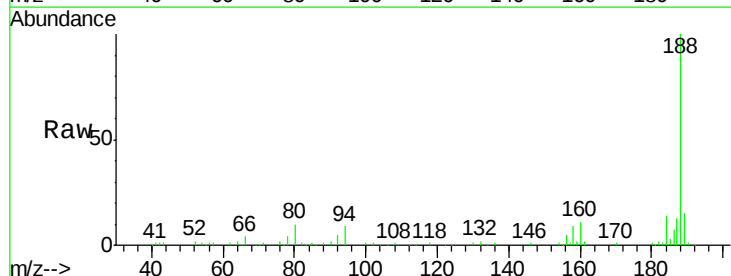
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

12.64



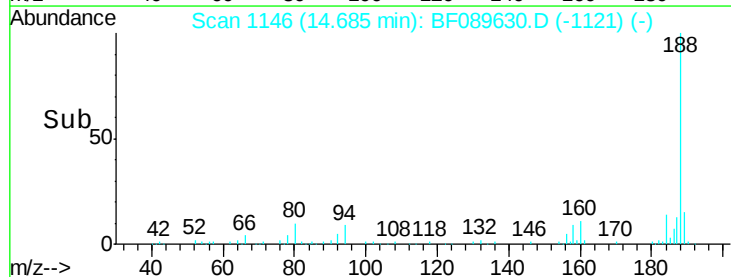
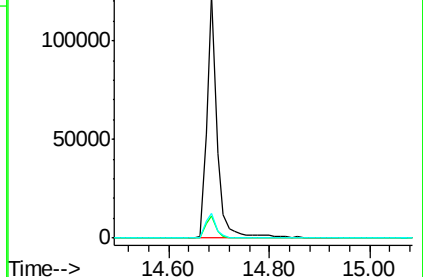
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.69 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF089630.D
Acq: 5 Aug 2016 14:55

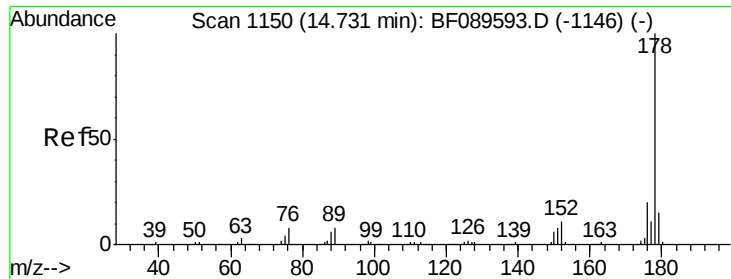
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	6.5	9.7
80	10.1	8.0	12.0



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

14.69





#70

Phenanthrene

Concen: 6.25 ng

RT: 14.72 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BF089630.D

Acq: 5 Aug 2016 14:55

Instrument :

BNA_F

ClientSampleId :

SS7-0-2IN

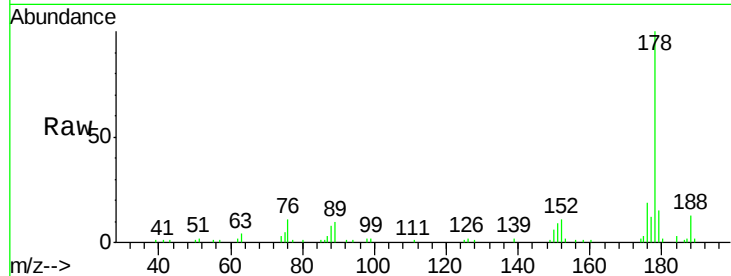
Tgt Ion:178 Resp: 59279

Ion Ratio Lower Upper

178 100

176 18.9 15.7 23.5

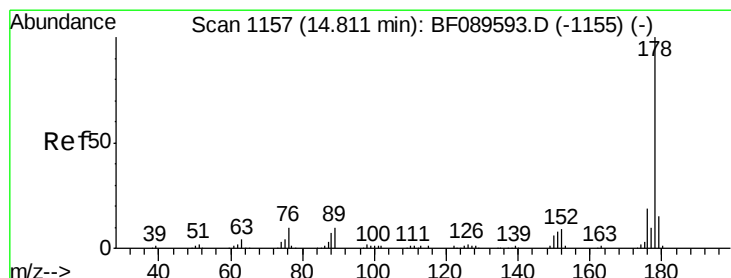
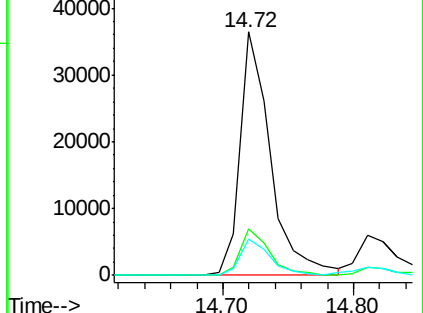
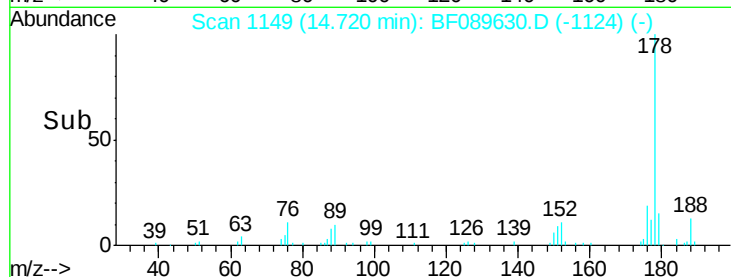
179 14.9 12.2 18.2



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



#71

Anthracene

Concen: 5.83 ng

RT: 14.72 min Scan# 1149

Delta R.T. -0.09 min

Lab File: BF089630.D

Acq: 5 Aug 2016 14:55

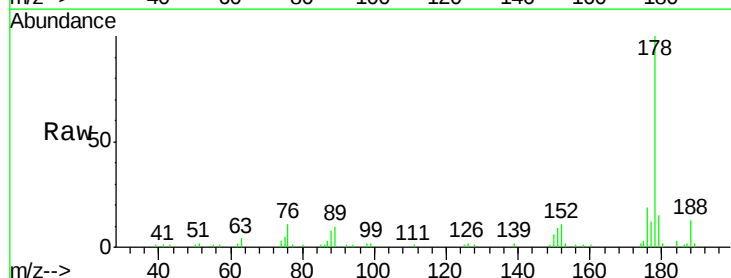
Tgt Ion:178 Resp: 59279

Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.4

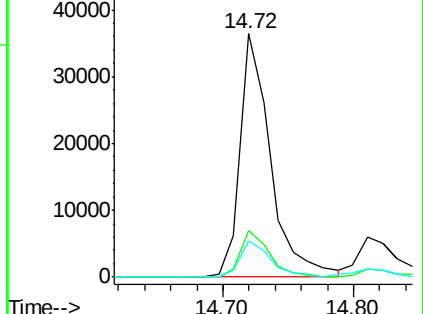
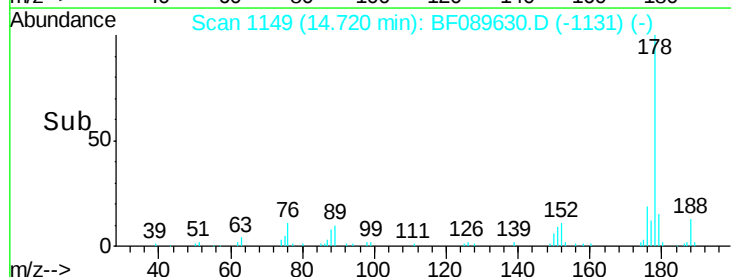
179 14.9 12.4 18.6

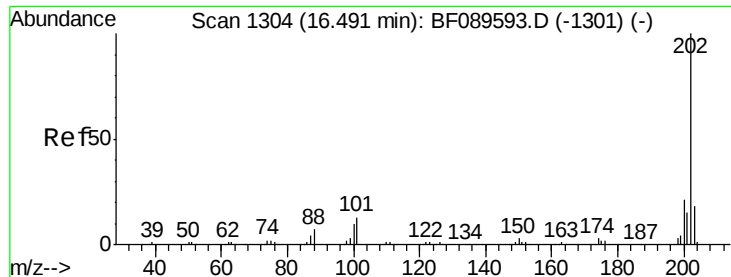


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

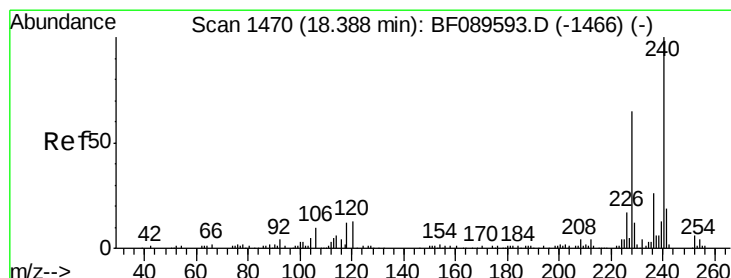
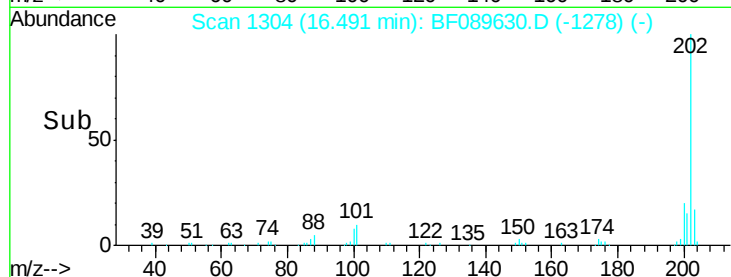
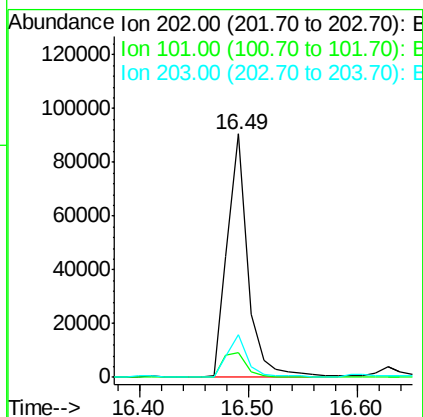
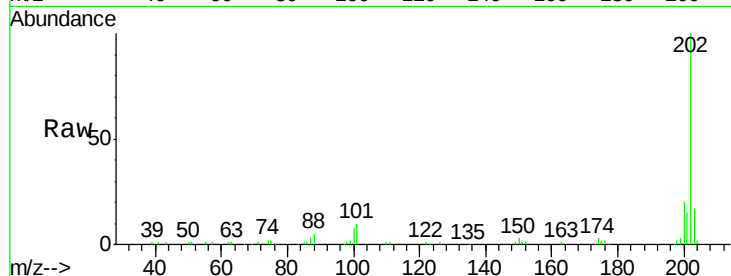




#74
 Fluoranthene
 Concen: 12.38 ng
 RT: 16.49 min Scan# 1304
 Delta R.T. 0.00 min
 Lab File: BF089630.D
 Acq: 5 Aug 2016 14:55

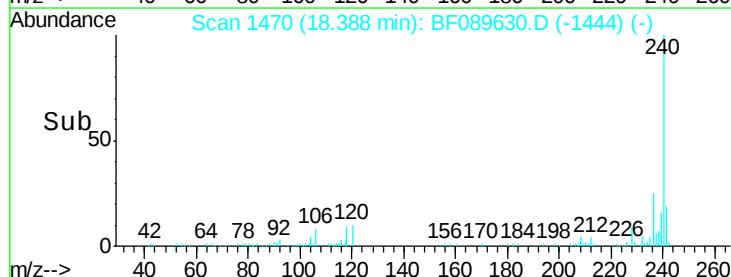
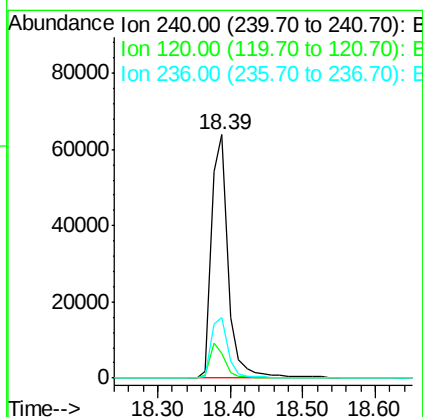
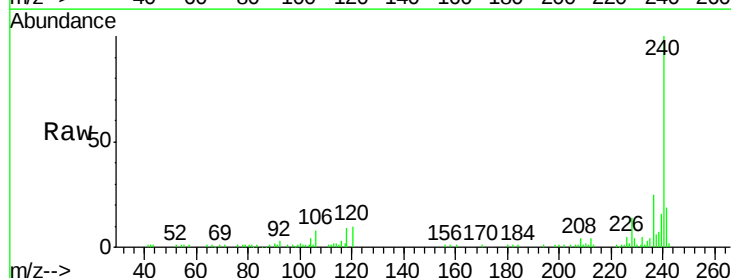
Instrument :
 BNA_F
 ClientSampleId :
 SS7-0-2IN

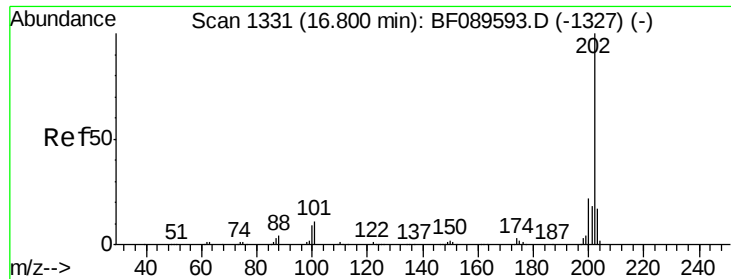
Tgt Ion: 202 Resp: 120649
 Ion Ratio Lower Upper
 202 100
 101 10.3 0.0 32.7
 203 17.3 0.0 37.8



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.39 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: BF089630.D
 Acq: 5 Aug 2016 14:55

Tgt Ion: 240 Resp: 102012
 Ion Ratio Lower Upper
 240 100
 120 9.9 10.6 15.8#
 236 25.1 20.6 30.8

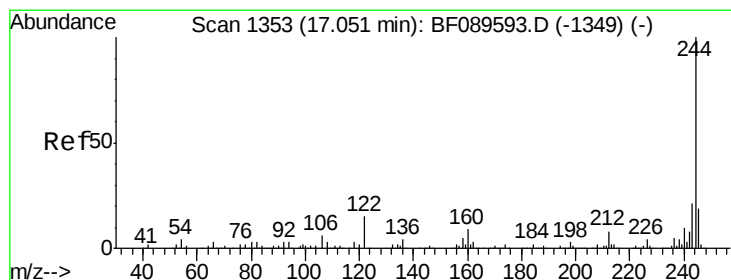
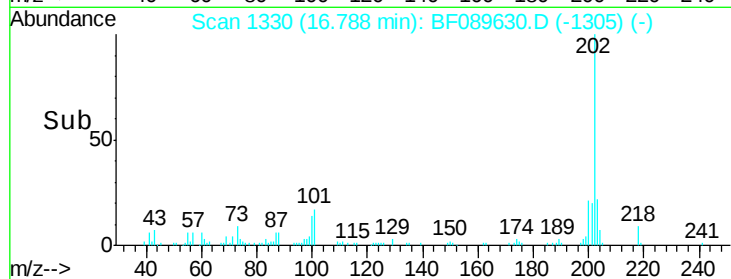
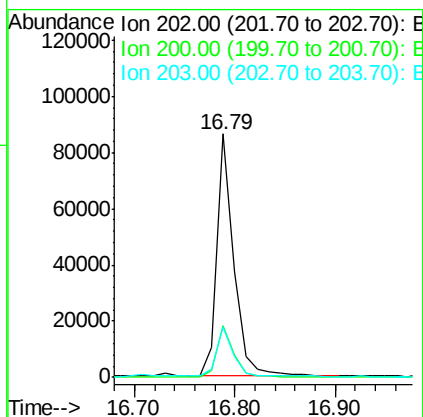
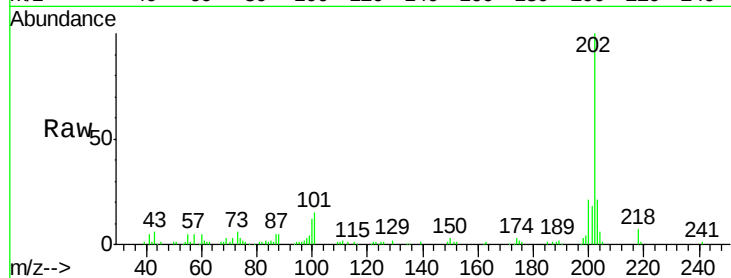




#77
 Pyrene
 Concen: 11.23 ng
 RT: 16.79 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF089630.D
 Acq: 5 Aug 2016 14:55

Instrument :
 BNA_F
 ClientSampleId :
 SS7-0-2IN

Tgt Ion: 202 Resp: 101244
 Ion Ratio Lower Upper
 202 100
 200 21.0 17.4 26.0
 203 20.5 13.6 20.4#



#78
 Terphenyl-d14
 Concen: 54.58 ng
 RT: 17.05 min Scan# 1353
 Delta R.T. 0.00 min
 Lab File: BF089630.D
 Acq: 5 Aug 2016 14:55

Tgt Ion: 244 Resp: 282063
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.4 9.6
 122 10.6 12.2 18.2#

