

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
 Data File : BF086943.D
 Acq On : 12 May 2016 21:21
 Operator : UM/SJ
 Sample : H2968-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-01

Quant Time: May 13 01:53:31 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 13 00:58:18 2016
 Response via : Initial Calibration

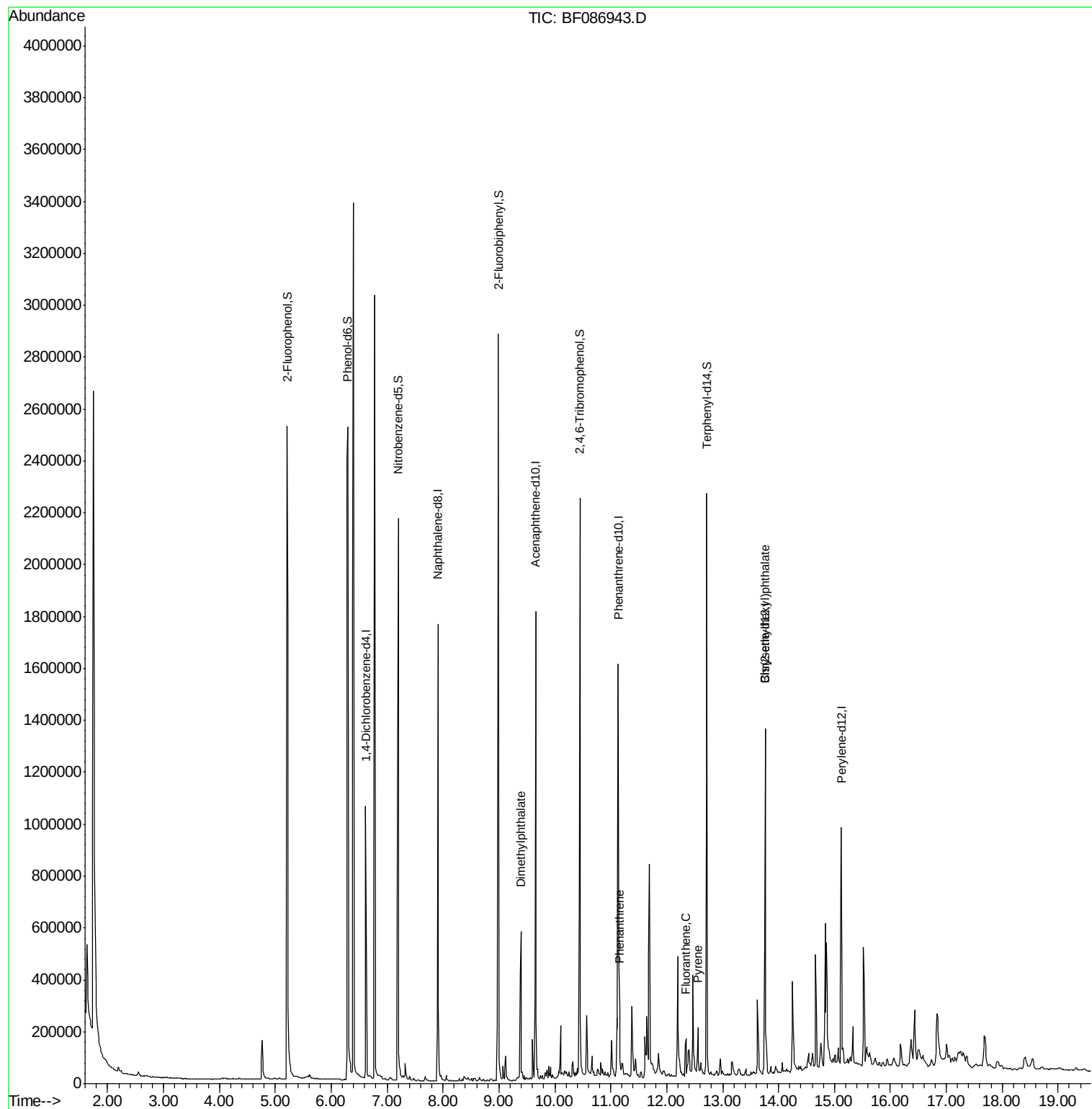
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	169018	20.00	ng	-0.01
21) Naphthalene-d8	7.91	136	720329	20.00	ng	-0.01
38) Acenaphthene-d10	9.66	164	325851	20.00	ng	-0.01
63) Phenanthrene-d10	11.13	188	526669	20.00	ng	-0.01
75) Chrysene-d12	13.76	240	362914	20.00	ng	-0.01
86) Perylene-d12	15.12	264	367859	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	848544	85.02	ng	0.00
7) Phenol-d6	6.30	99	1212193	90.88	ng	0.00
23) Nitrobenzene-d5	7.20	82	829276	57.81	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	236746	68.63	ng	-0.01
44) 2-Fluorobiphenyl	8.99	172	1216529	62.75	ng	0.00
78) Terphenyl-d14	12.72	244	750600	43.88	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.39	163	291693	11.73	ng	98
70) Phenanthrene	11.15	178	64720	2.30	ng	99
74) Fluoranthene	12.34	202	79780	2.76	ng	91
77) Pyrene	12.56	202	65400	2.35	ng	97
83) Bis(2-ethylhexyl)phthalate	13.76	149	65054	4.60	ng	99

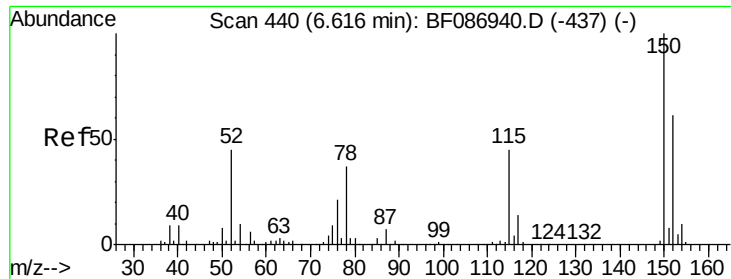
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 13 00:58:18 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 440

Delta R.T. -0.01 min

Lab File: BF086943.D

Acq: 12 May 2016 21:21

Instrument :

BNA_F

ClientSampleId :

SS-01

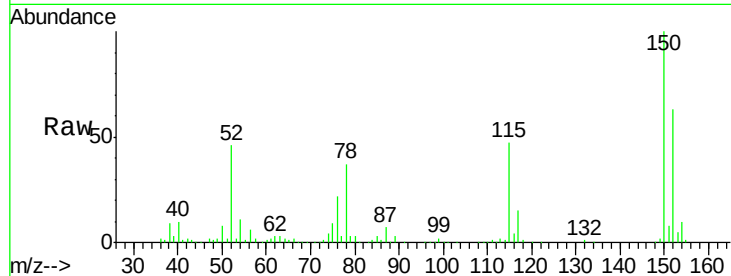
Tgt Ion:152 Resp: 169018

Ion Ratio Lower Upper

152 100

150 160.0 125.8 188.6

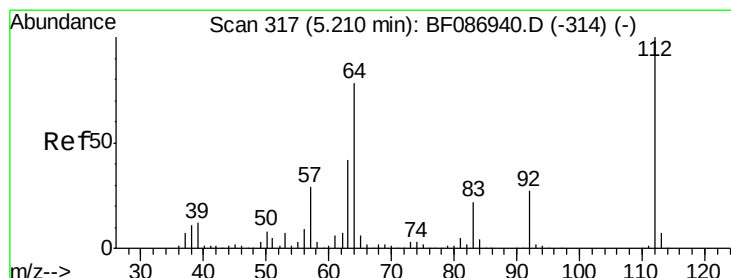
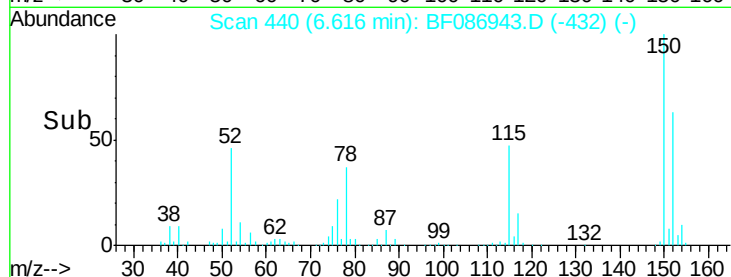
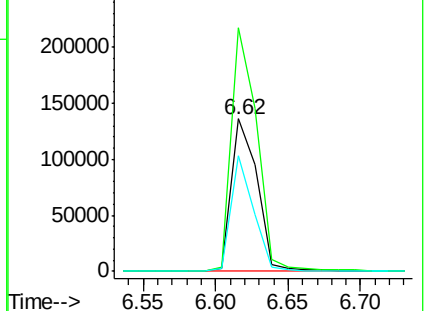
115 75.9 51.5 77.3



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: 85.02 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.00 min

Lab File: BF086943.D

Acq: 12 May 2016 21:21

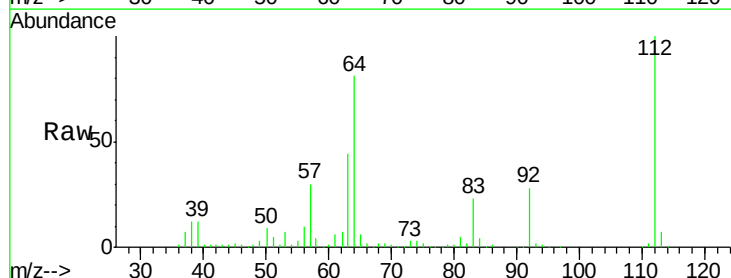
Tgt Ion:112 Resp: 848544

Ion Ratio Lower Upper

112 100

64 80.9 52.1 78.1#

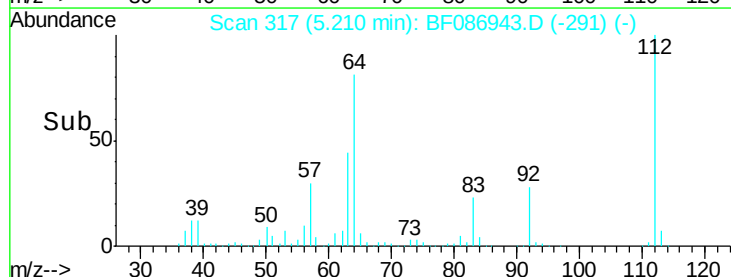
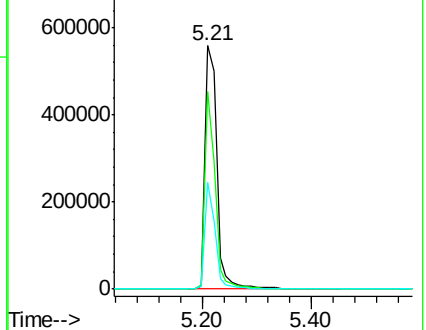
63 43.8 25.7 38.5#

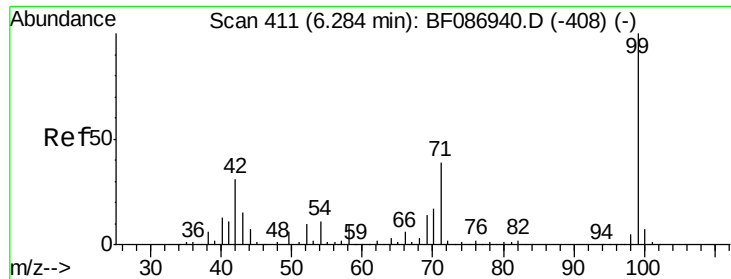


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 90.88 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF086943.D

Acq: 12 May 2016 21:21

Instrument :

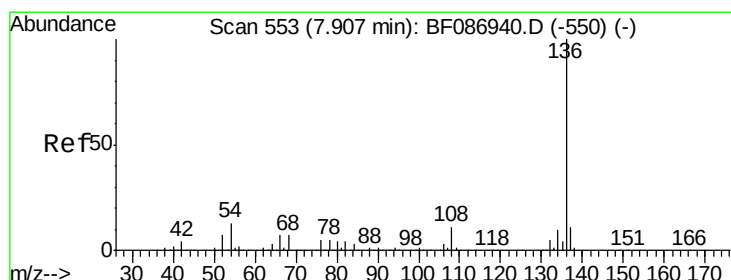
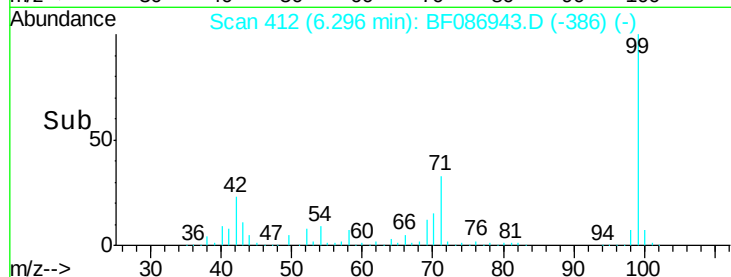
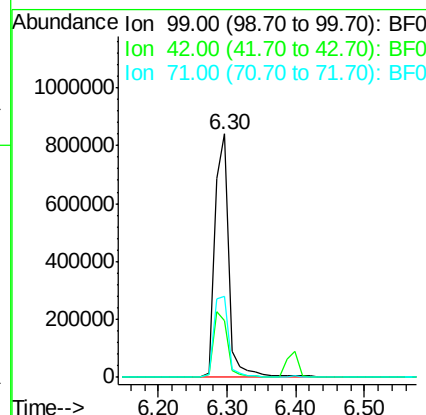
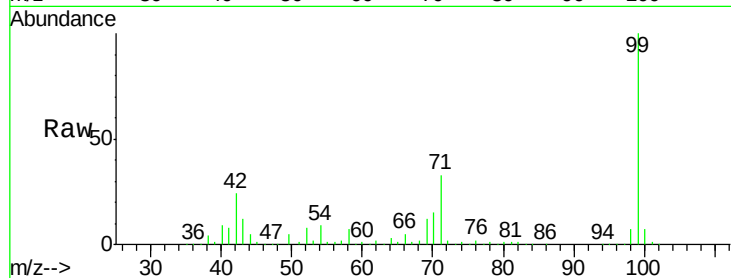
BNA_F

ClientSampled :

SS-01

Tgt Ion: 99 Resp: 1212193

Ion	Ratio	Lower	Upper
99	100		
42	23.5	13.6	20.4#
71	33.4	24.6	36.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 553

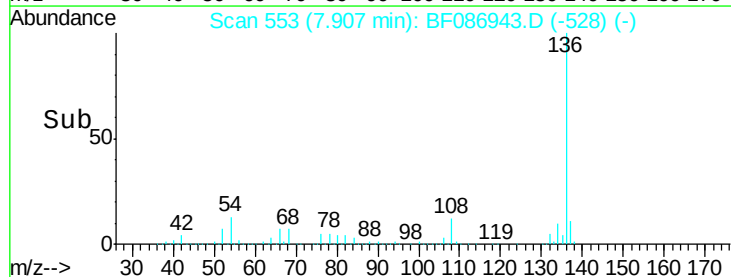
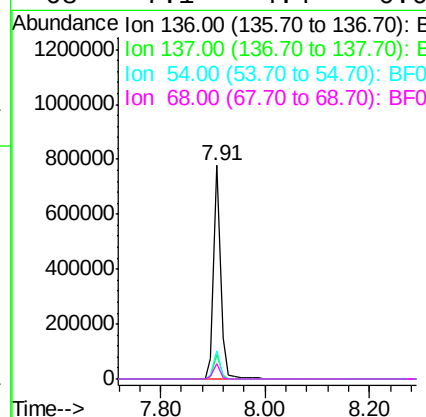
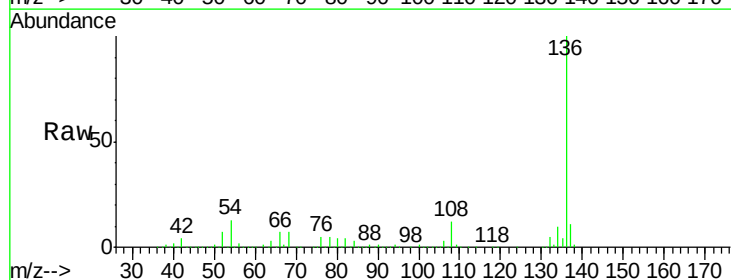
Delta R.T. -0.01 min

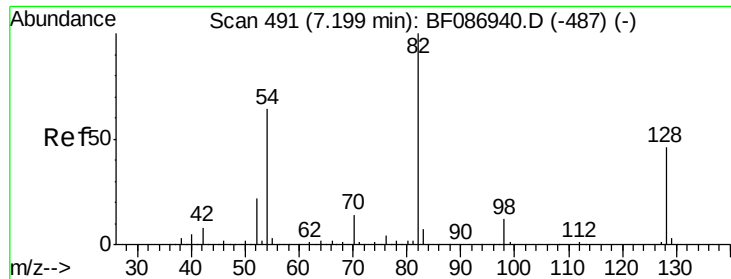
Lab File: BF086943.D

Acq: 12 May 2016 21:21

Tgt Ion: 136 Resp: 720329

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	13.5	5.0	7.4#
68	7.1	4.4	6.6#

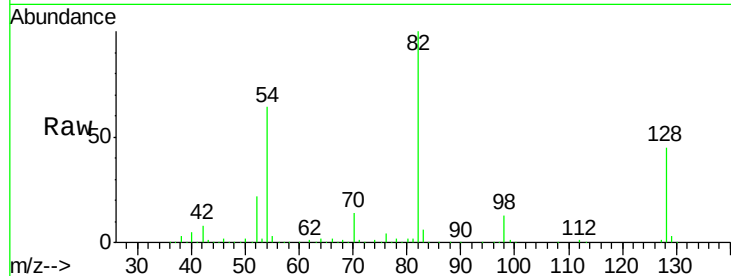




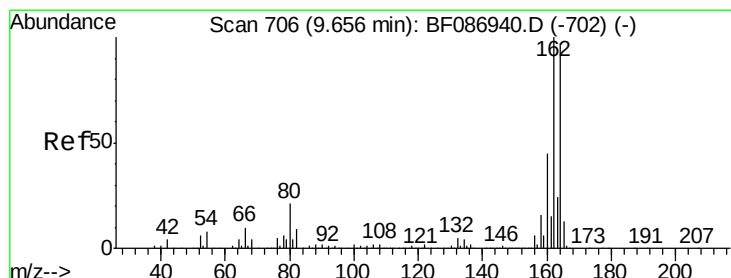
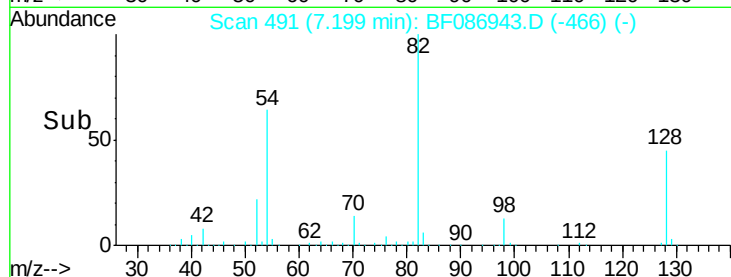
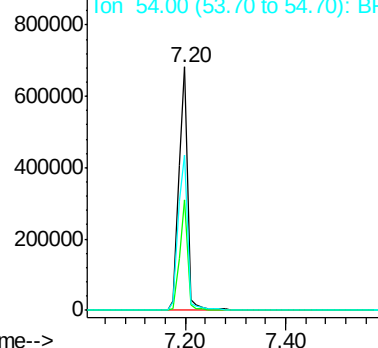
#23
 Nitrobenzene-d5
 Concen: 57.81 ng
 RT: 7.20 min Scan# 491
 Delta R.T. -0.01 min
 Lab File: BF086943.D
 Acq: 12 May 2016 21:21

Instrument :
 BNA_F
 ClientSampled :
 SS-01

Tgt Ion: 82 Resp: 829276
 Ion Ratio Lower Upper
 82 100
 128 45.4 40.6 61.0
 54 63.8 38.1 57.1#

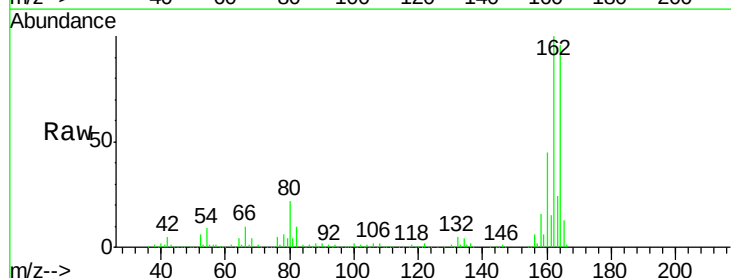


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

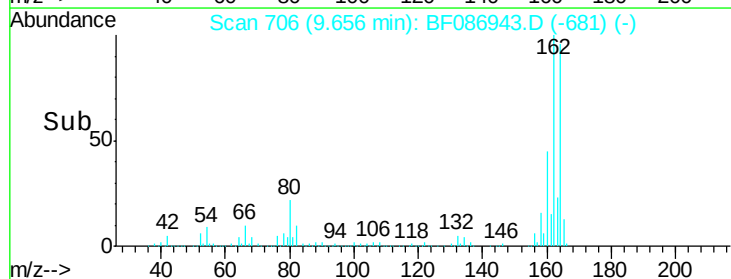
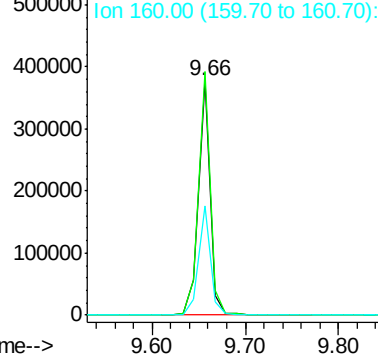


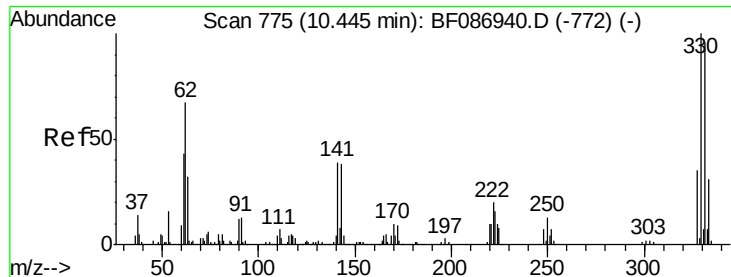
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.66 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: BF086943.D
 Acq: 12 May 2016 21:21

Tgt Ion: 164 Resp: 325851
 Ion Ratio Lower Upper
 164 100
 162 103.9 82.8 124.2
 160 46.5 36.9 55.3



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

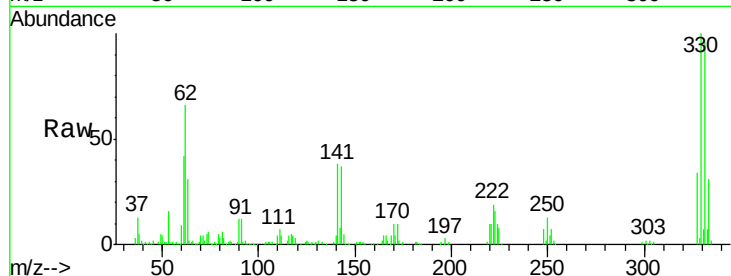




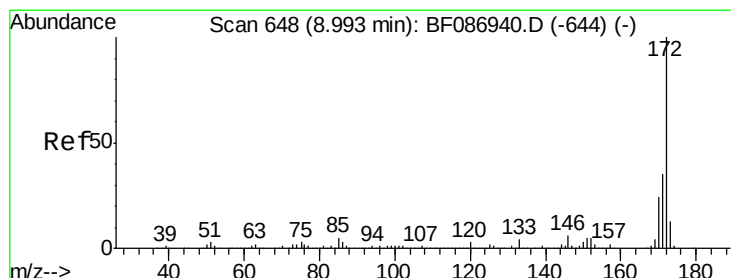
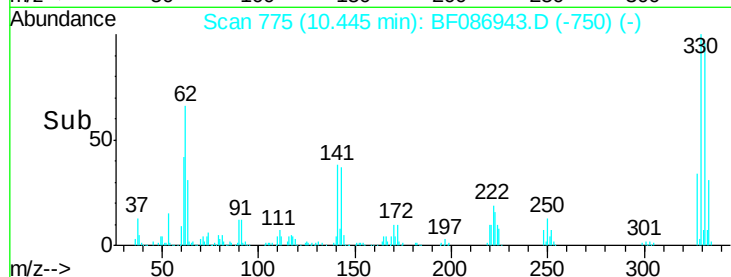
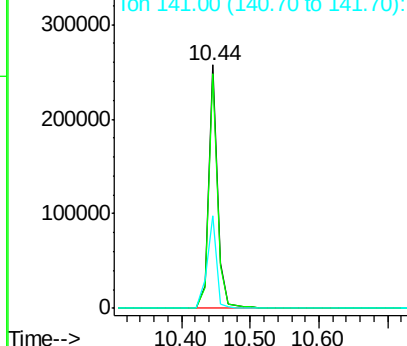
#41
 2,4,6-Tribromophenol
 Concen: 68.63 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF086943.D
 Acq: 12 May 2016 21:21

Instrument :
 BNA_F
 ClientSampleId :
 SS-01

Tgt Ion:330 Resp: 236746
 Ion Ratio Lower Upper
 330 100
 332 96.2 79.0 118.4
 141 40.5 31.2 46.8

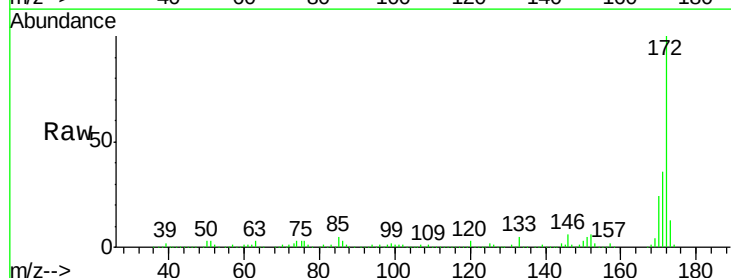


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

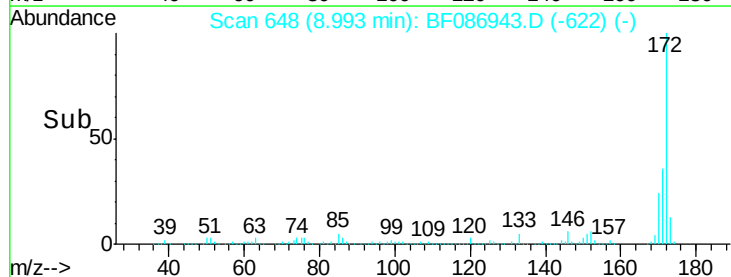
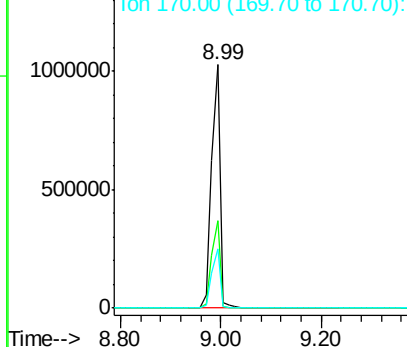


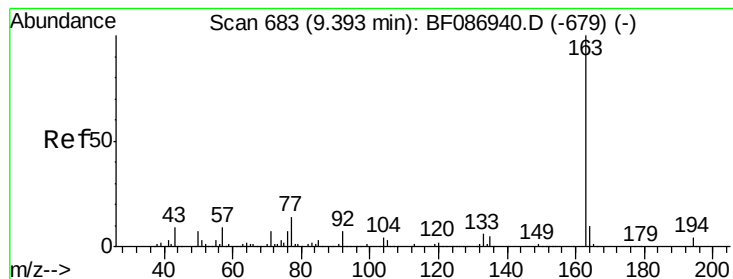
#44
 2-Fluorobiphenyl
 Concen: 62.75 ng
 RT: 8.99 min Scan# 648
 Delta R.T. 0.00 min
 Lab File: BF086943.D
 Acq: 12 May 2016 21:21

Tgt Ion:172 Resp: 1216529
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.0 43.6
 170 24.4 19.8 29.8



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: 11.73 ng

RT: 9.39 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF086943.D

Acq: 12 May 2016 21:21

Instrument :

BNA_F

ClientSampled :

SS-01

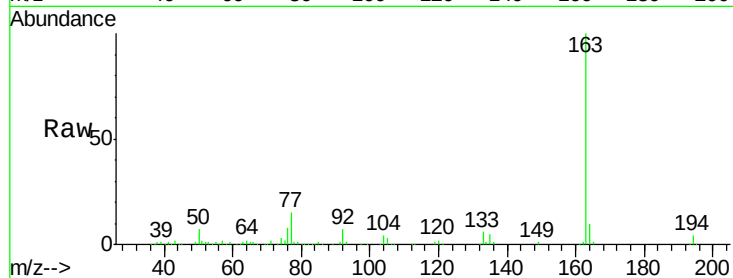
Tgt Ion:163 Resp: 291693

Ion Ratio Lower Upper

163 100

194 3.8 2.6 4.0

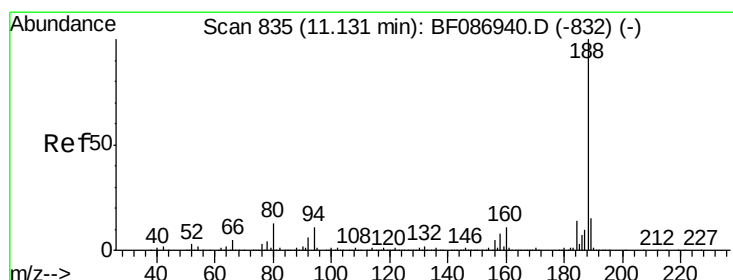
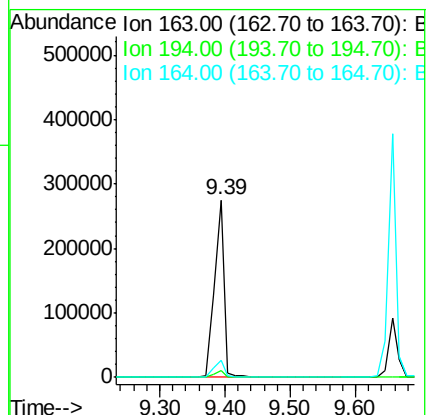
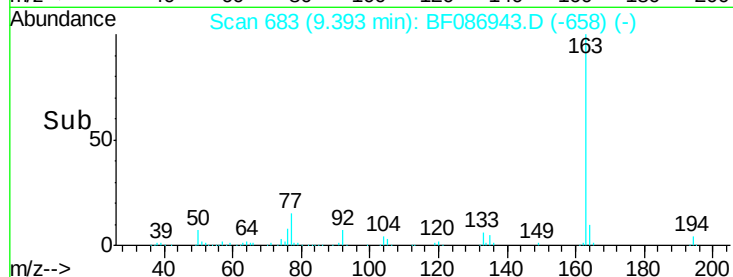
164 9.5 8.2 12.4



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: 11.13 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF086943.D

Acq: 12 May 2016 21:21

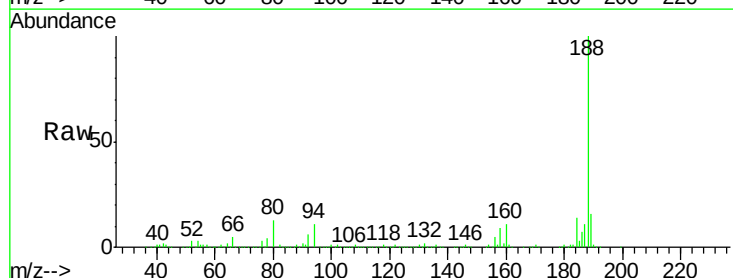
Tgt Ion:188 Resp: 526669

Ion Ratio Lower Upper

188 100

94 11.2 6.8 10.2#

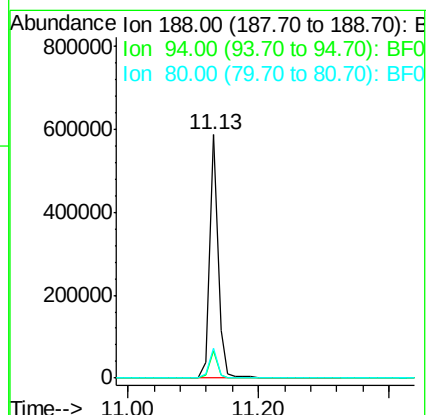
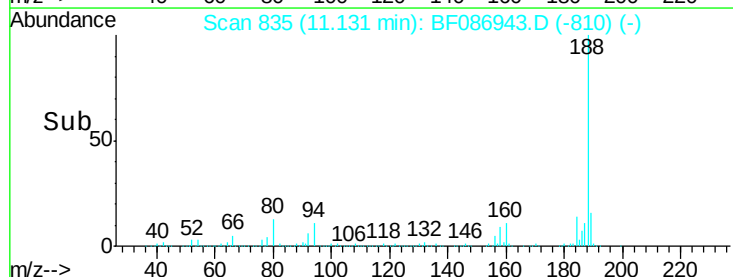
80 12.5 7.1 10.7#

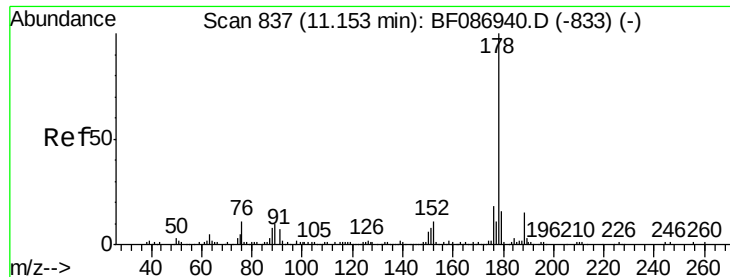


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

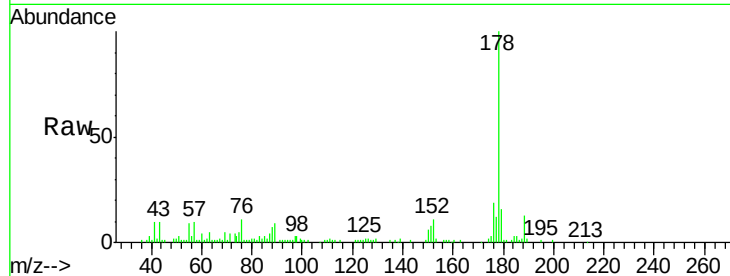




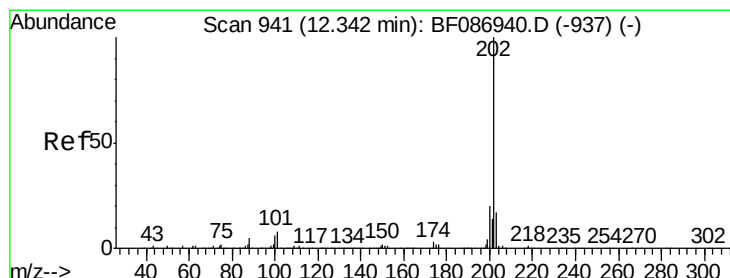
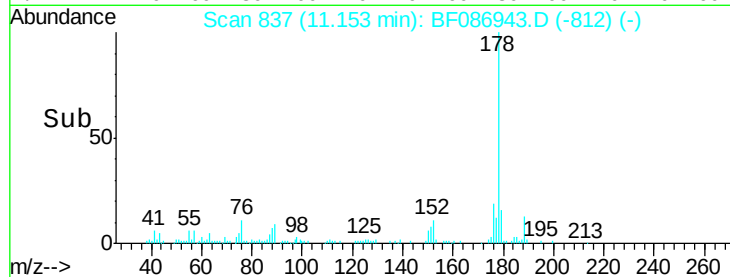
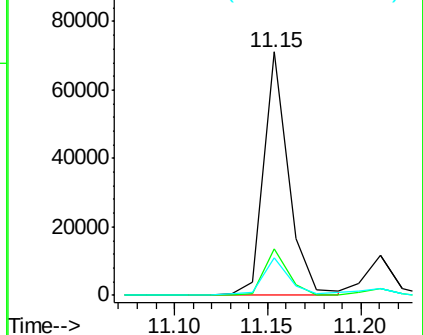
#70
 Phenanthrene
 Concen: 2.30 ng
 RT: 11.15 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BF086943.D
 Acq: 12 May 2016 21:21

Instrument :
 BNA_F
 ClientSampleId :
 SS-01

Tgt Ion:178 Resp: 64720
 Ion Ratio Lower Upper
 178 100
 176 19.3 16.0 24.0
 179 15.6 12.6 18.8

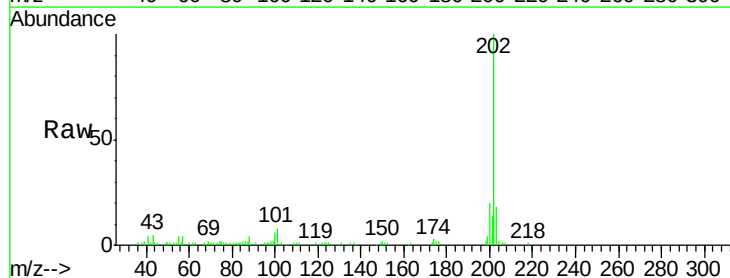


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

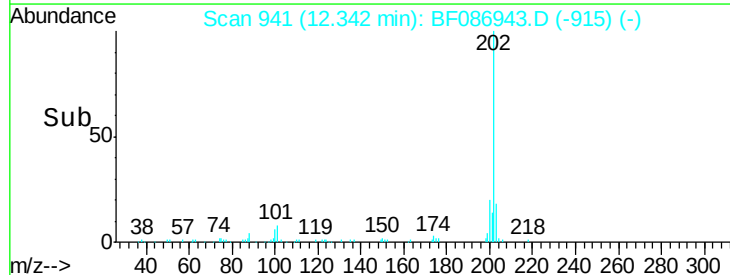
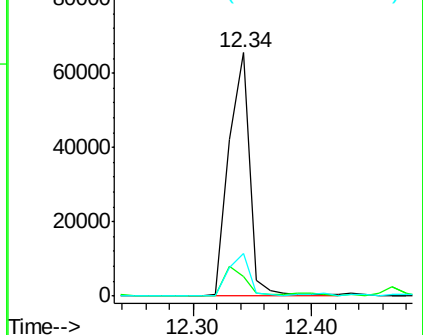


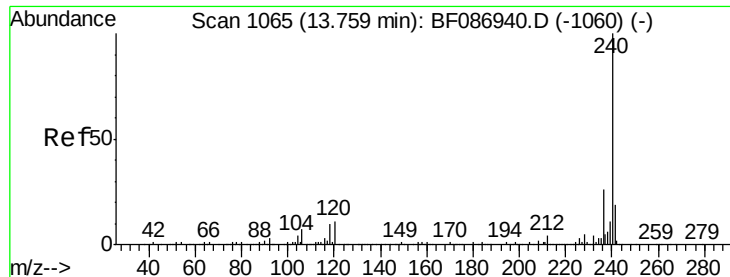
#74
 Fluoranthene
 Concen: 2.76 ng
 RT: 12.34 min Scan# 941
 Delta R.T. 0.00 min
 Lab File: BF086943.D
 Acq: 12 May 2016 21:21

Tgt Ion:202 Resp: 79780
 Ion Ratio Lower Upper
 202 100
 101 8.1 0.0 35.4
 203 17.7 0.0 38.1



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: 13.76 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BF086943.D

Acq: 12 May 2016 21:21

Instrument :

BNA_F

ClientSampleId :

SS-01

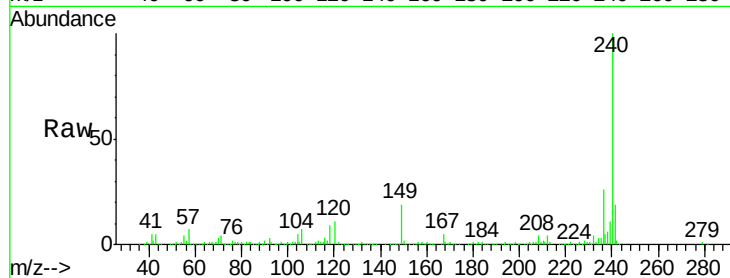
Tgt Ion:240 Resp: 362914

Ion Ratio Lower Upper

240 100

120 10.7 11.2 16.8#

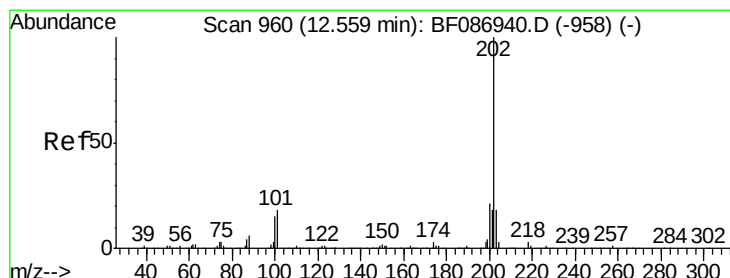
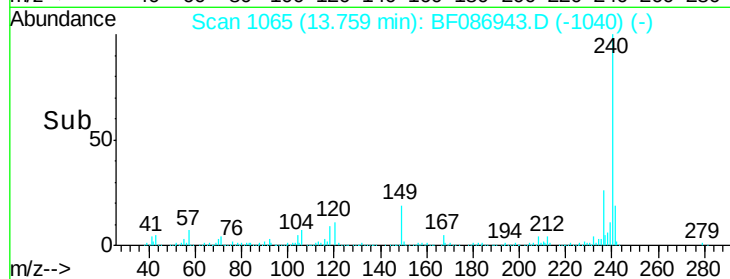
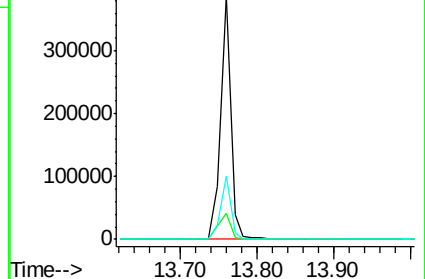
236 26.0 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 2.35 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF086943.D

Acq: 12 May 2016 21:21

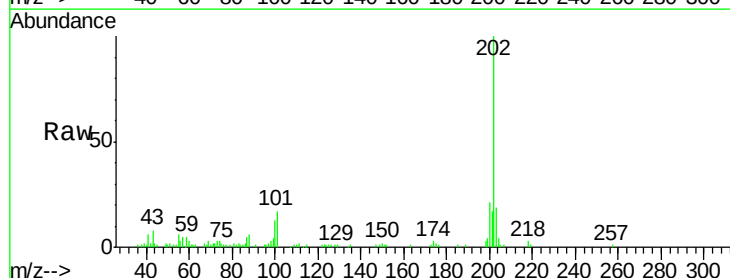
Tgt Ion:202 Resp: 65400

Ion Ratio Lower Upper

202 100

200 20.8 17.7 26.5

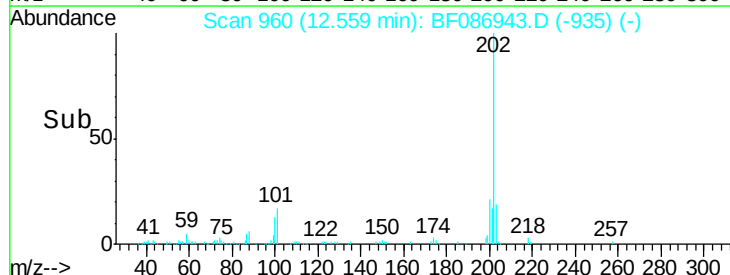
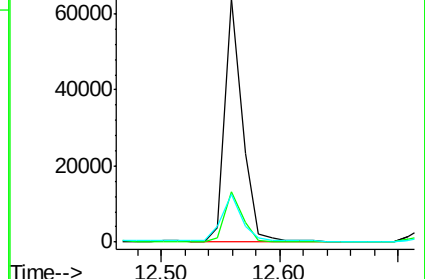
203 19.4 14.2 21.4

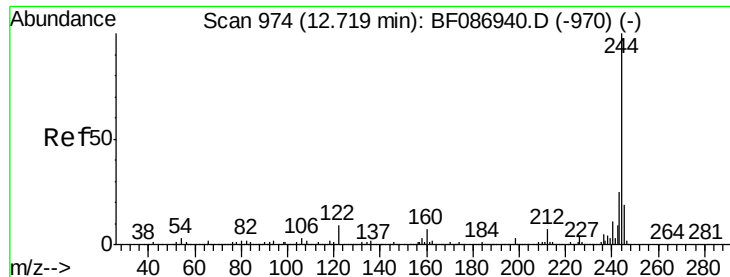


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 43.88 ng

RT: 12.72 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF086943.D

Acq: 12 May 2016 21:21

Instrument :

BNA_F

ClientSampleId :

SS-01

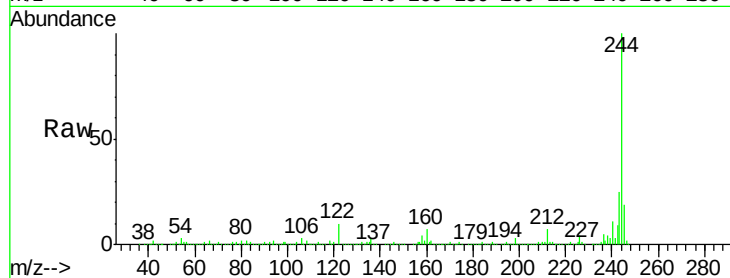
Tgt Ion:244 Resp: 750600

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

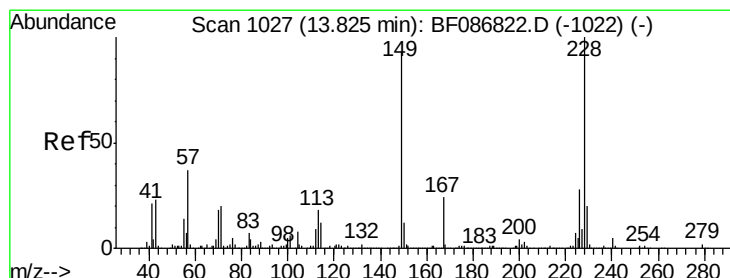
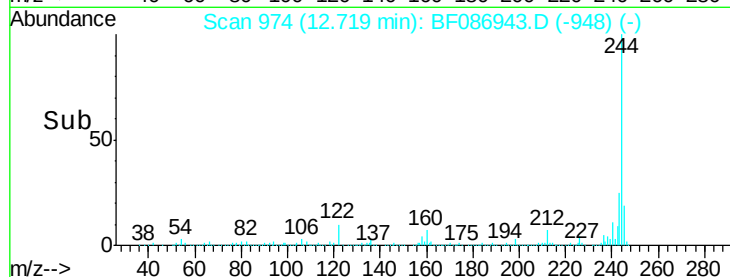
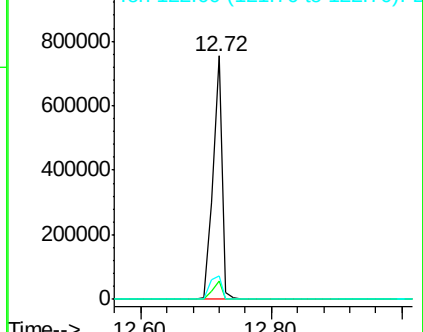
122 9.6 12.0 18.0#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 4.60 ng

RT: 13.76 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BF086943.D

Acq: 12 May 2016 21:21

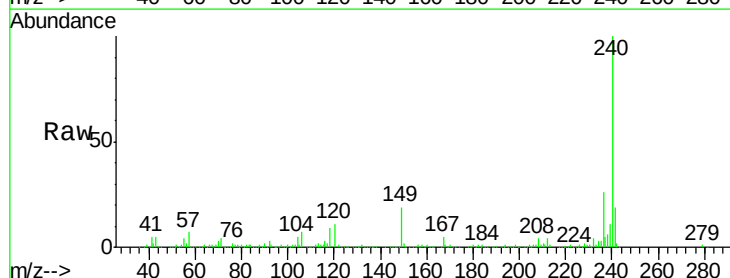
Tgt Ion:149 Resp: 65054

Ion Ratio Lower Upper

149 100

167 26.7 21.8 32.6

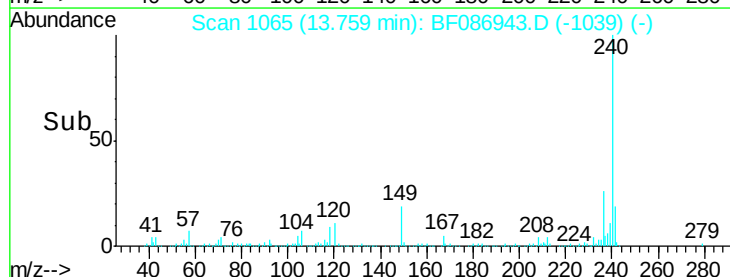
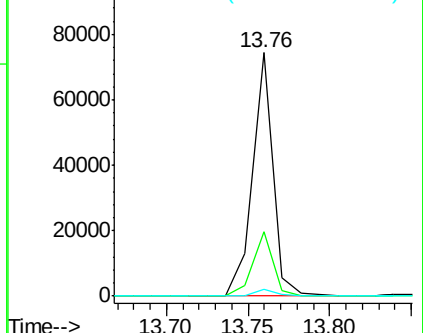
279 2.9 2.6 4.0

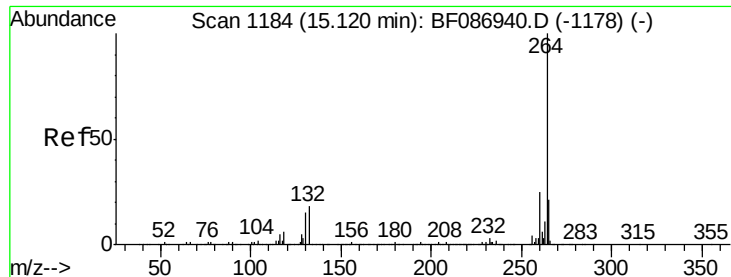


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.12 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF086943.D
Acq: 12 May 2016 21:21

Instrument :
BNA_F
ClientSampleId :
SS-01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	21.7	17.3	25.9

