

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042916\
 Data File : BF086511.D
 Acq On : 30 Apr 2016 00:18
 Operator : UM/SJ
 Sample : H2685-11 8X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2B-CS-5(10-20FTBGS)

Quant Time: Apr 30 02:15:50 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

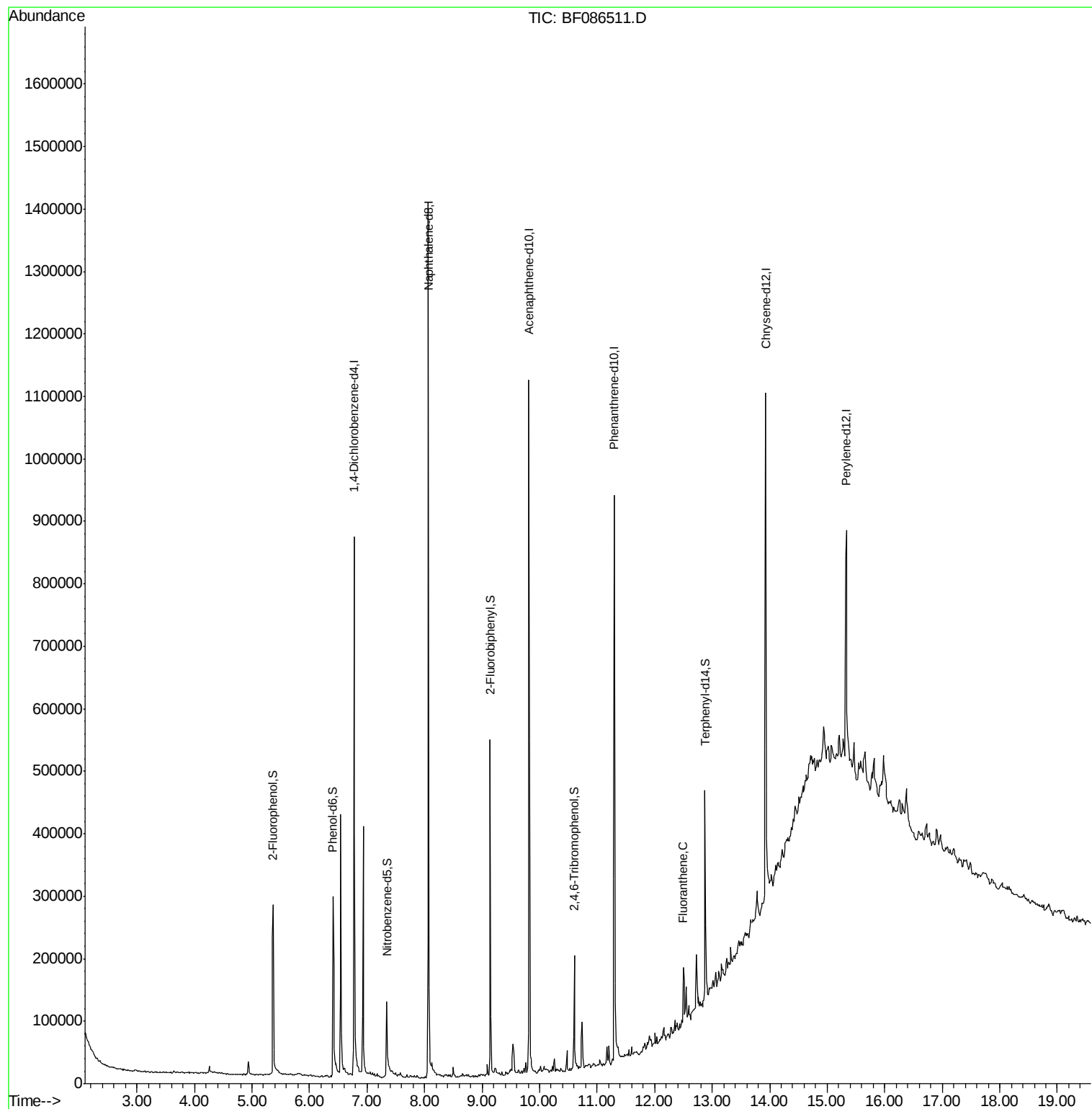
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	144038	20.00	ng	-0.03
21) Naphthalene-d8	8.06	136	622255	20.00	ng	-0.03
38) Acenaphthene-d10	9.81	164	245304	20.00	ng	-0.03
63) Phenanthrene-d10	11.30	188	384480	20.00	ng	-0.02
75) Chrysene-d12	13.93	240	333705	20.00	ng	-0.03
86) Perylene-d12	15.33	264	241689	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	107835	12.91	ng	-0.02
7) Phenol-d6	6.41	99	144495	12.40	ng	-0.03
23) Nitrobenzene-d5	7.34	82	81430	7.05	ng	-0.03
41) 2,4,6-Tribromophenol	10.60	330	22543	8.71	ng	-0.03
44) 2-Fluorobiphenyl	9.14	172	171691	4.84	ng	-0.03
78) Terphenyl-d14	12.88	244	115602	7.63	ng	-0.03
Target Compounds						
74) Fluoranthene	12.50	202	45624	2.24	ng	Qvalue 95

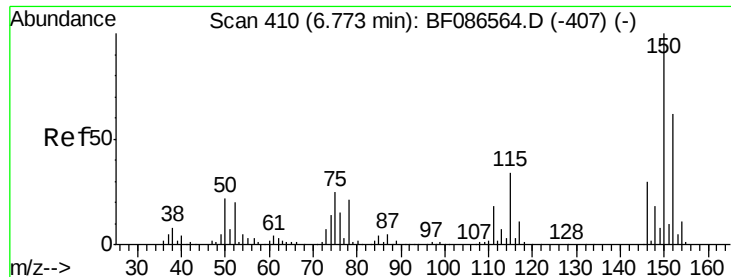
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.03 min

Lab File: BF086511.D

Acq: 30 Apr 2016 00:18

Instrument :

BNA_F

ClientSampleId :

26WARD-2B-CS-5(10-20FTBGS)

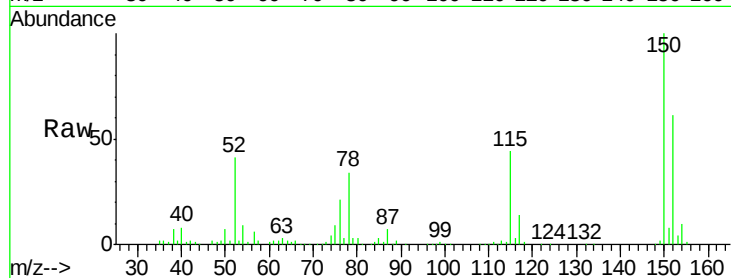
Tot Ion:152 Resp: 144038

Ion Ratio Lower Upper

152 100

150 162.7 125.8 188.6

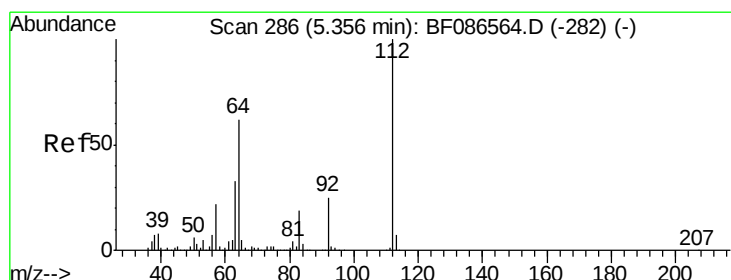
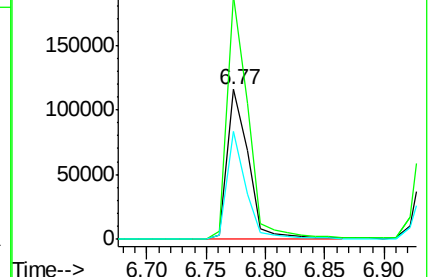
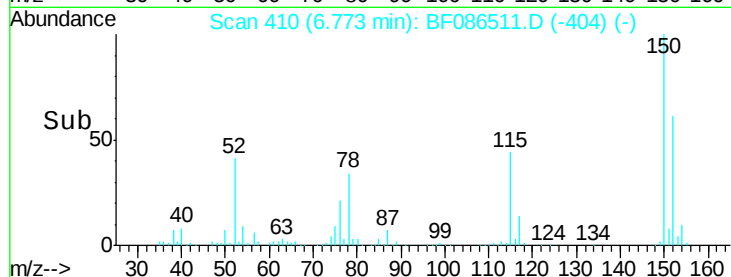
115 71.9 51.5 77.3



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: 12.91 ng

RT: 5.37 min Scan# 287

Delta R.T. -0.02 min

Lab File: BF086511.D

Acq: 30 Apr 2016 00:18

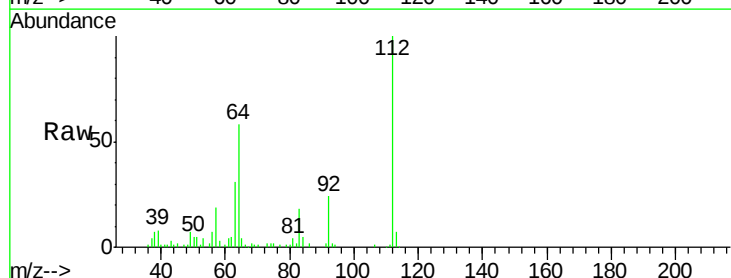
Tgt Ion:112 Resp: 107835

Ion Ratio Lower Upper

112 100

64 57.8 52.1 78.1

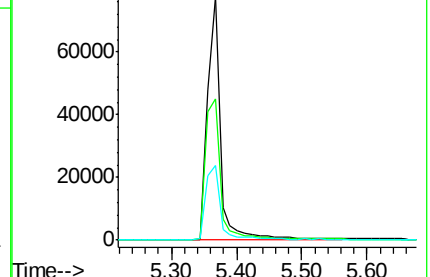
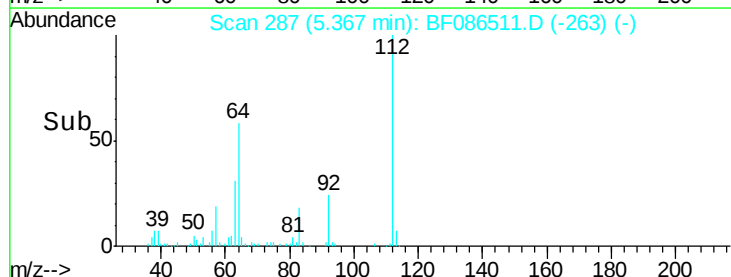
63 30.8 25.7 38.5



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: 12.40 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF086511.D

Acq: 30 Apr 2016 00:18

Instrument :

BNA_F

ClientSampleId :

26WARD-2B-CS-5(10-20FTBGS)

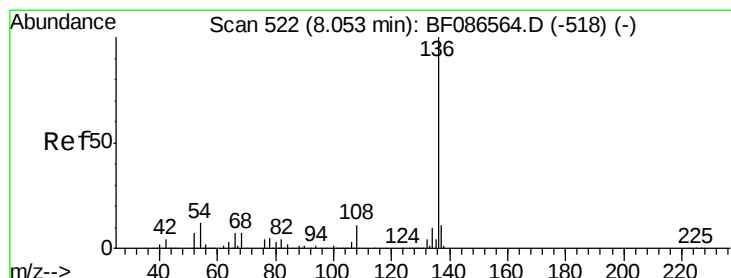
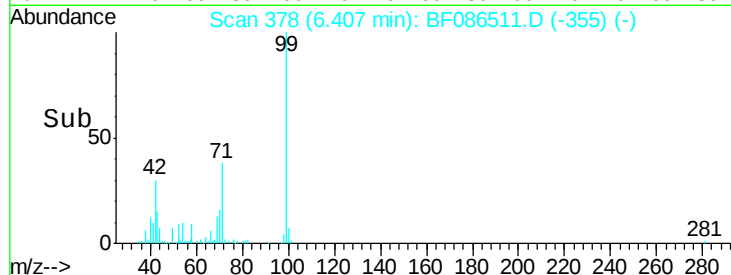
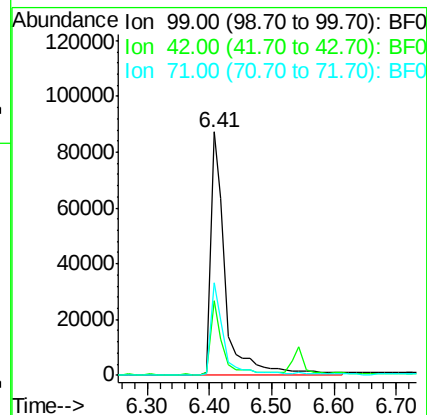
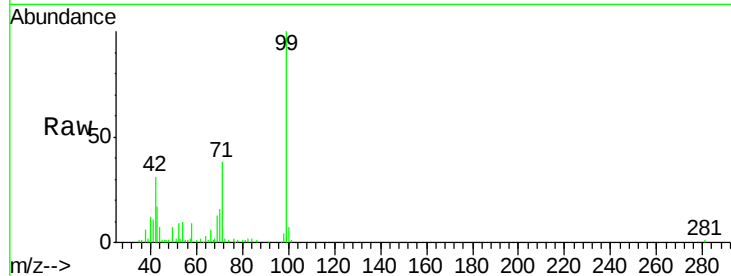
Tot Ion: 99 Resp: 144495

Ion Ratio Lower Upper

99 100

42 30.6 13.6 20.4#

71 37.9 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.03 min

Lab File: BF086511.D

Acq: 30 Apr 2016 00:18

Tgt Ion: 136 Resp: 622255

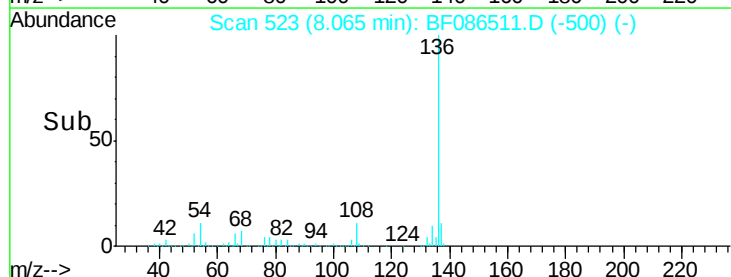
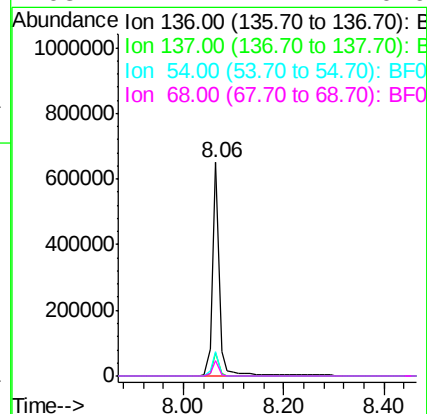
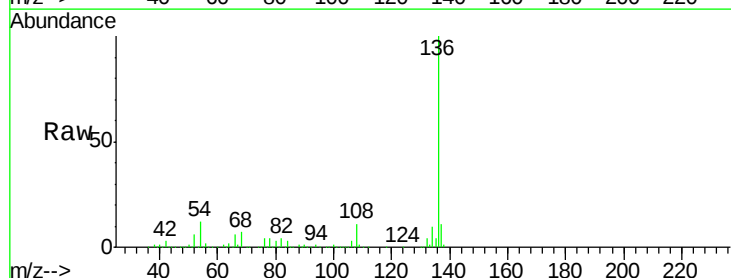
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 11.5 5.0 7.4#

68 7.1 4.4 6.6#

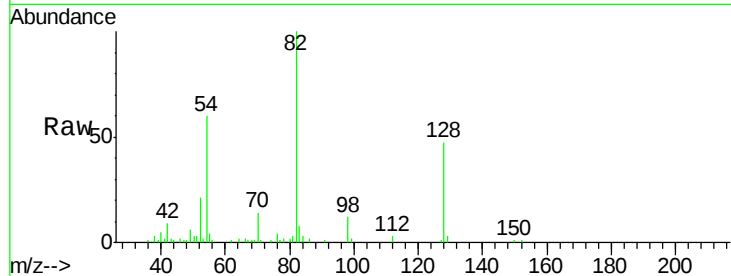




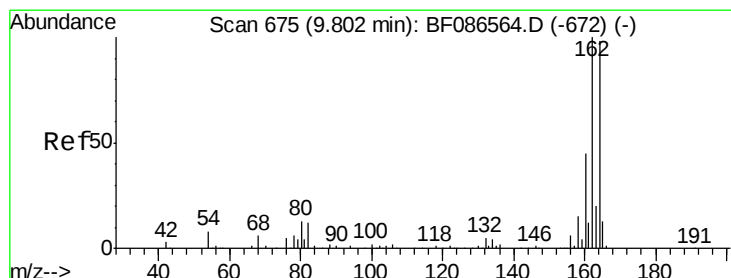
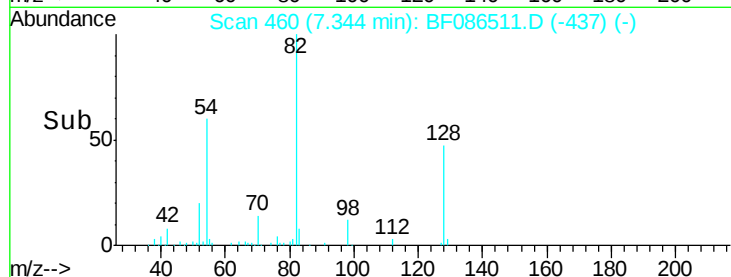
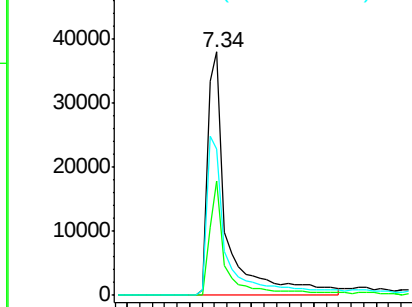
#23
Nitrobenzene-d5
Concen: 7.05 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.03 min
Lab File: BF086511.D
Acq: 30 Apr 2016 00:18

Instrument :
BNA_F
ClientSampleId :
26WARD-2B-CS-5(10-20FTBGS)

Tot Ion	82	Resp	81430
Ion Ratio	Lower	Upper	
82	100		
128	46.9	40.6	61.0
54	59.9	38.1	57.1#

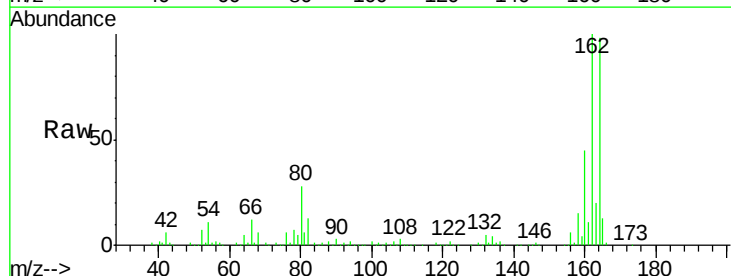


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

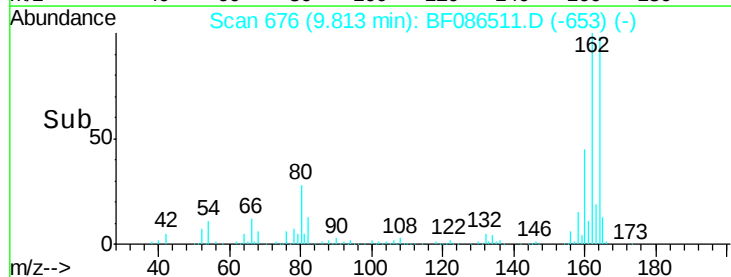
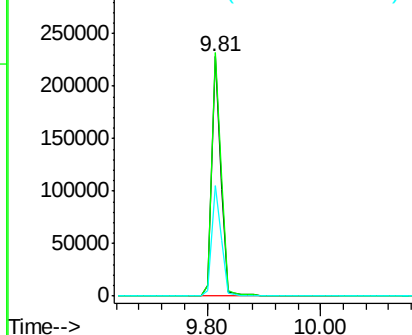


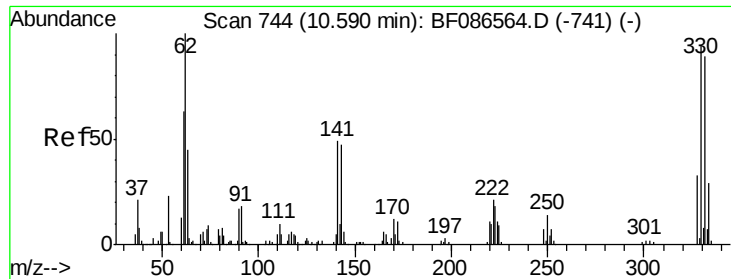
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.03 min
Lab File: BF086511.D
Acq: 30 Apr 2016 00:18

Tgt Ion	164	Resp	245304
Ion Ratio	Lower	Upper	
164	100		
162	101.7	82.8	124.2
160	46.2	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

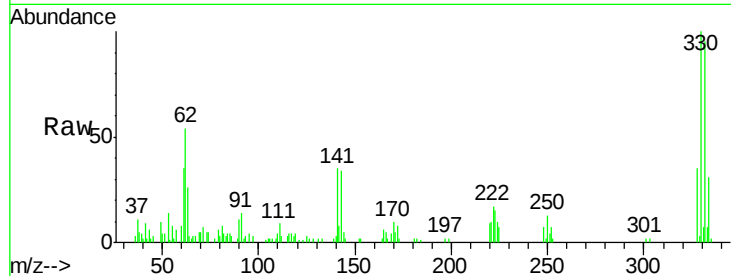




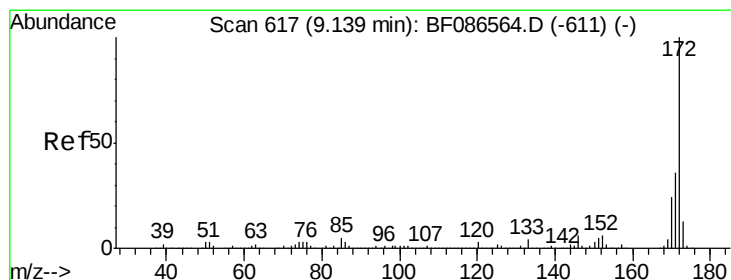
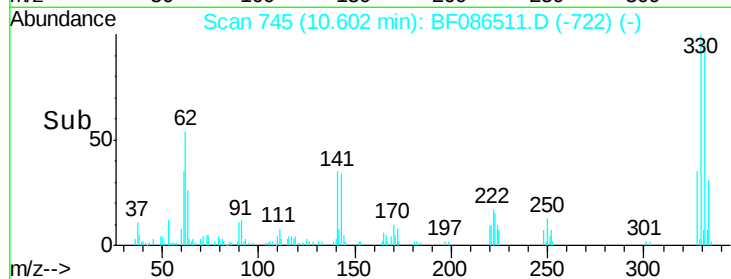
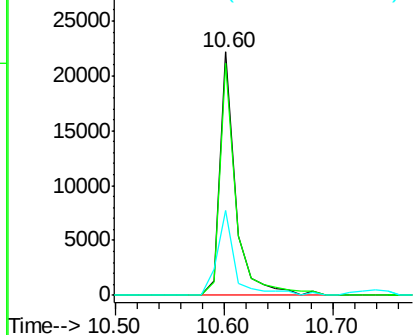
#41
 2,4,6-Tribromophenol
 Concen: 8.71 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.03 min
 Lab File: BF086511.D
 Acq: 30 Apr 2016 00:18

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2B-CS-5(10-20FTBGS)

Tot Ion:330 Resp: 22543
 Ion Ratio Lower Upper
 330 100
 332 97.8 79.0 118.4
 141 40.6 31.2 46.8

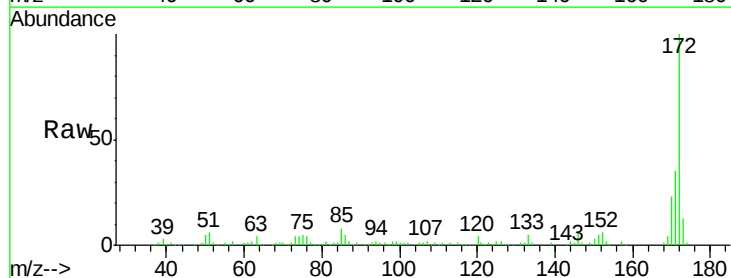


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

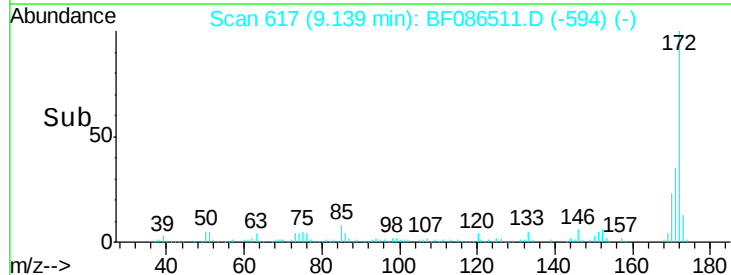
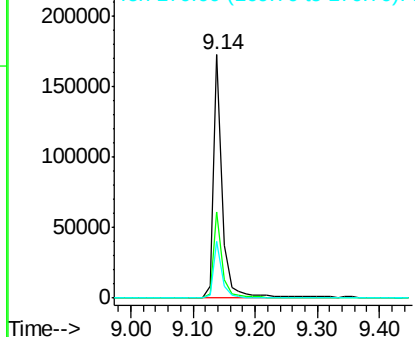


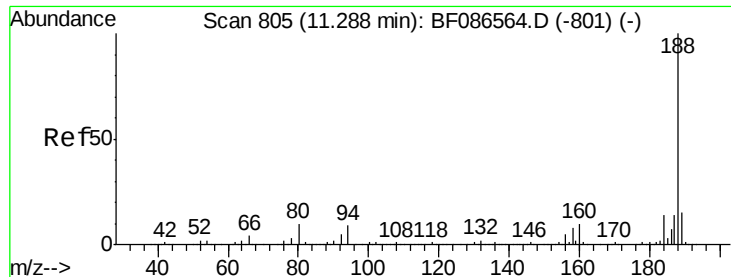
#44
 2-Fluorobiphenyl
 Concen: 4.84 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.03 min
 Lab File: BF086511.D
 Acq: 30 Apr 2016 00:18

Tgt Ion:172 Resp: 171691
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.0 43.6
 170 23.5 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

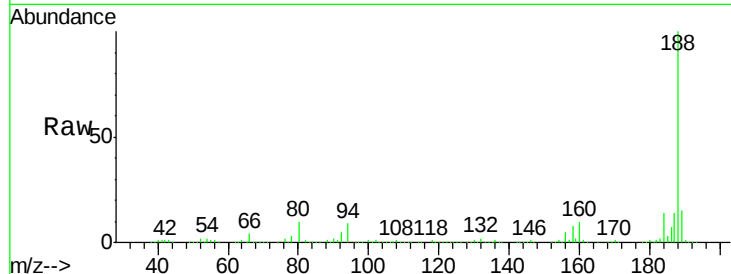




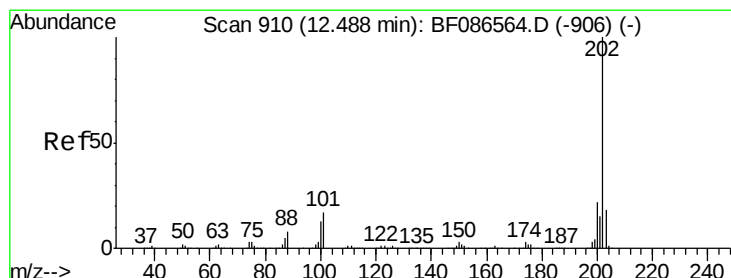
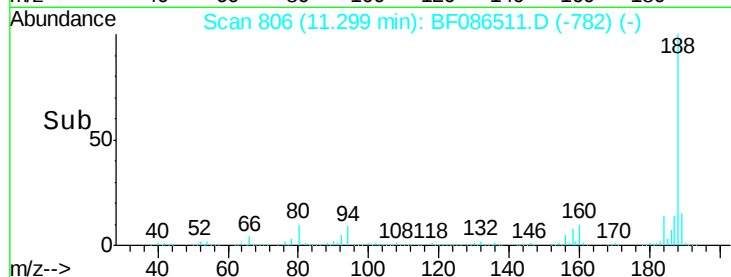
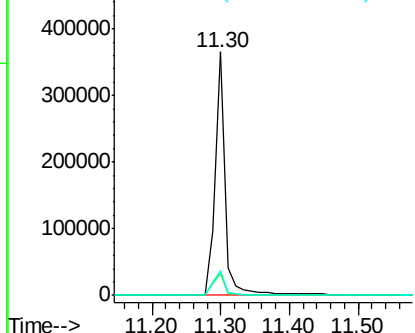
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.02 min
Lab File: BF086511.D
Acq: 30 Apr 2016 00:18

Instrument :
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ClientSampleId :
26WARD-2B-CS-5(10-20FTBGS)

Tot Ion:188 Resp: 384480
Ion Ratio Lower Upper
188 100
94 9.3 6.8 10.2
80 10.0 7.1 10.7

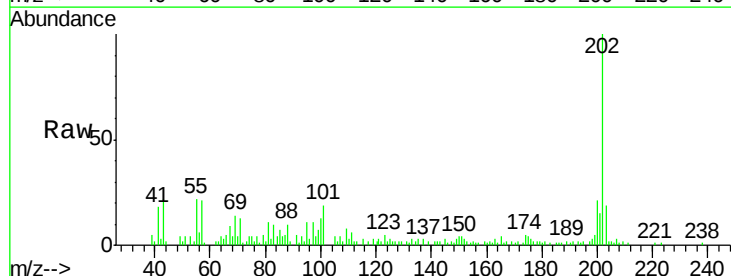


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

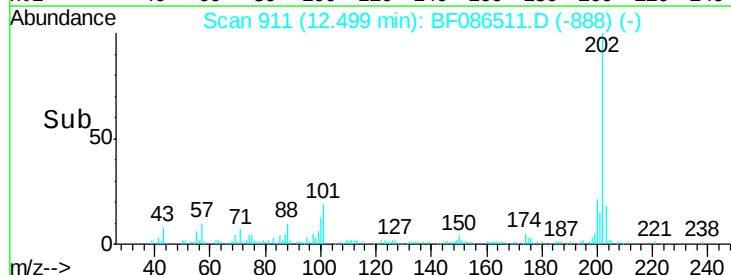
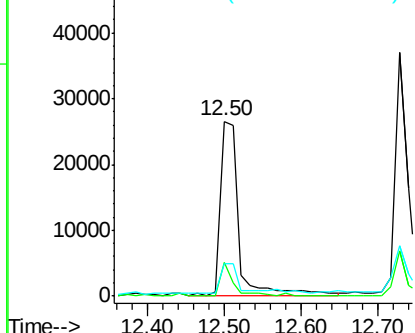


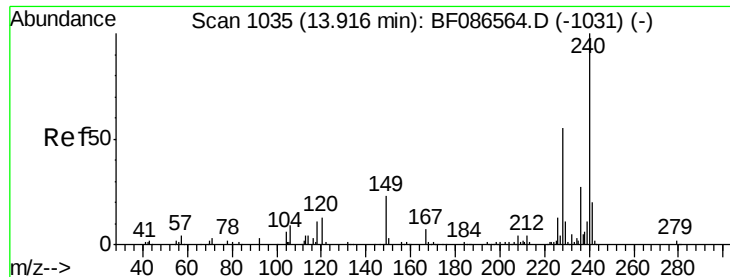
#74
Fluoranthene
Concen: 2.24 ng
RT: 12.50 min Scan# 911
Delta R.T. -0.03 min
Lab File: BF086511.D
Acq: 30 Apr 2016 00:18

Tgt Ion:202 Resp: 45624
Ion Ratio Lower Upper
202 100
101 19.2 0.0 35.4
203 18.7 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: 13.93 min Scan# 1036

Delta R.T. -0.03 min

Lab File: BF086511.D

Acq: 30 Apr 2016 00:18

Instrument :

BNA_F

ClientSampleId :

26WARD-2B-CS-5(10-20FTBGS)

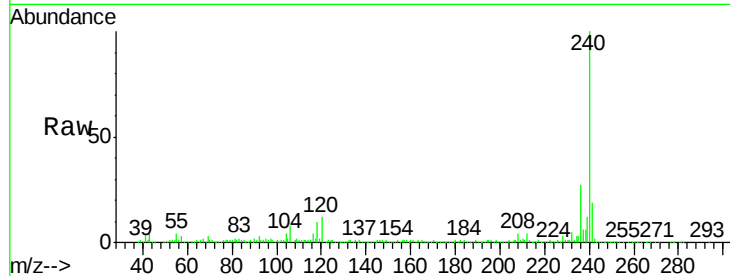
Tot Ion:240 Resp: 333705

Ion Ratio Lower Upper

240 100

120 12.2 11.2 16.8

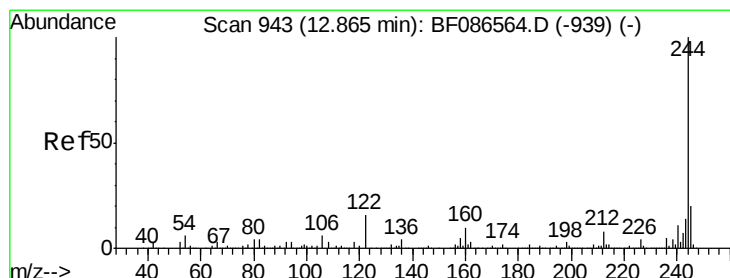
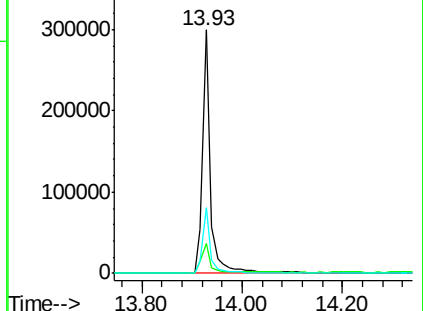
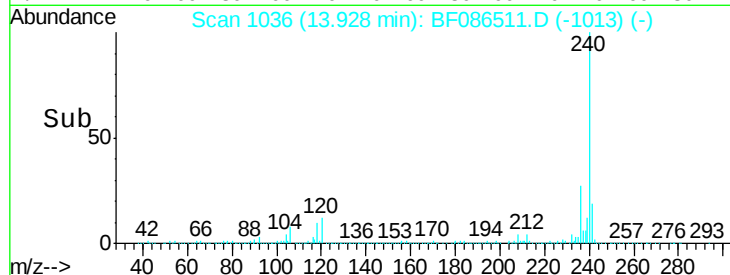
236 26.8 21.2 31.8



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



#78

Terphenyl-d14

Concen: 7.63 ng

RT: 12.88 min Scan# 944

Delta R.T. -0.03 min

Lab File: BF086511.D

Acq: 30 Apr 2016 00:18

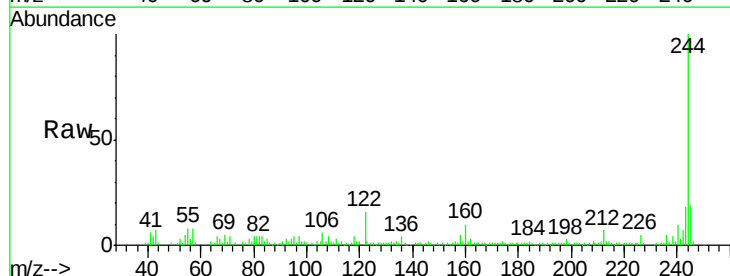
Tgt Ion:244 Resp: 115602

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

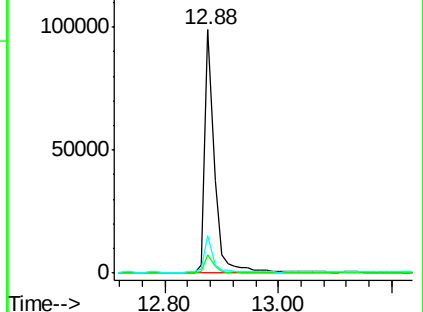
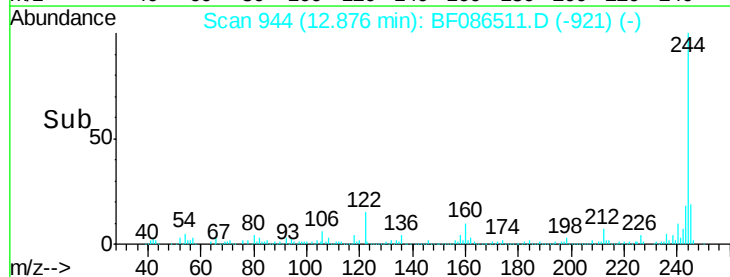
122 15.5 12.0 18.0

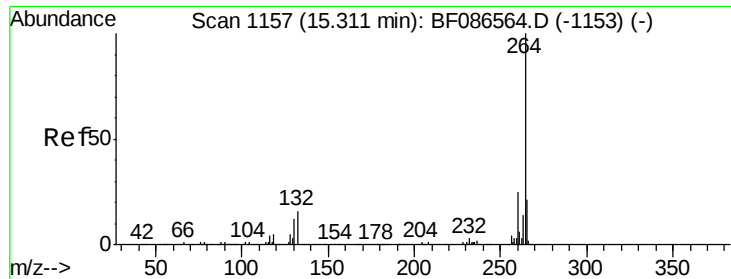


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.33 min Scan# 1159
 Delta R.T. -0.02 min
 Lab File: BF086511.D
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Instrument :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	21.5	17.3	25.9

