

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050116\
 Data File : BF086570.D
 Acq On : 1 May 2016 15:07
 Operator : UM/SJ
 Sample : H2683-06
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-9(0-6FTBGS)

Quant Time: May 02 04:13:23 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

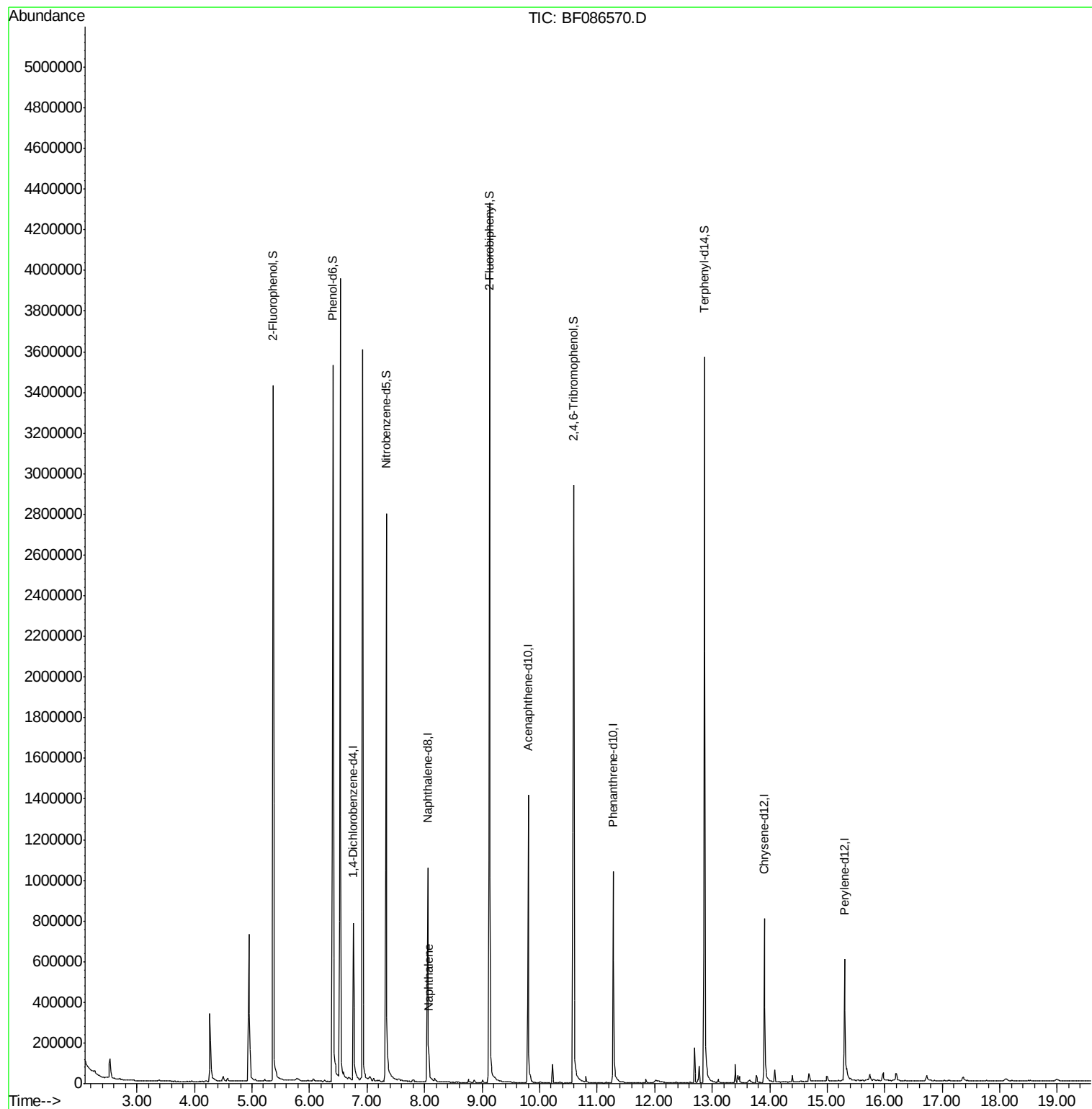
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	133817	20.00	ng	-0.05
21) Naphthalene-d8	8.05	136	588331	20.00	ng	-0.05
38) Acenaphthene-d10	9.80	164	290472	20.00	ng	-0.05
63) Phenanthrene-d10	11.28	188	539175	20.00	ng	-0.05
75) Chrysene-d12	13.91	240	372613	20.00	ng	-0.06
86) Perylene-d12	15.30	264	328193	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1042504	134.38	ng	-0.02
7) Phenol-d6	6.41	99	1273346	117.60	ng	-0.03
23) Nitrobenzene-d5	7.33	82	1024028	93.82	ng	-0.05
41) 2,4,6-Tribromophenol	10.59	330	390467	127.47	ng	-0.05
44) 2-Fluorobiphenyl	9.13	172	1518269	93.41	ng	-0.05
78) Terphenyl-d14	12.87	244	1508562	89.20	ng	-0.05
Target Compounds						
31) Naphthalene	8.08	128	70545	2.36	ng	Qvalue 99

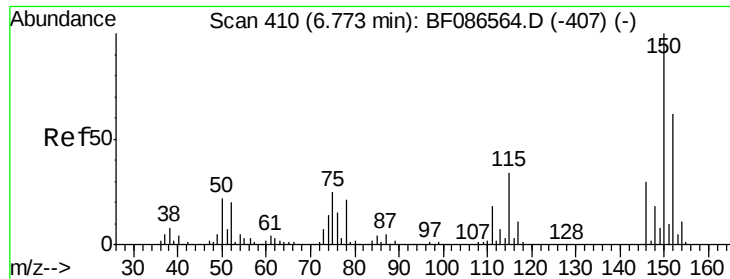
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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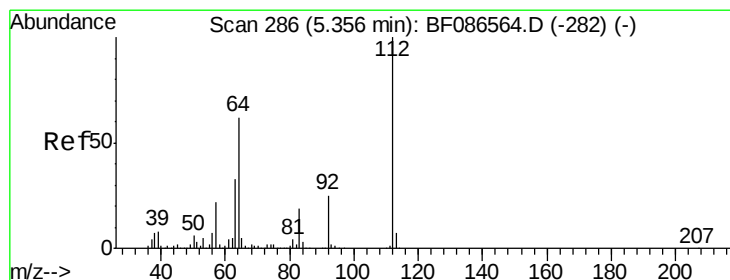
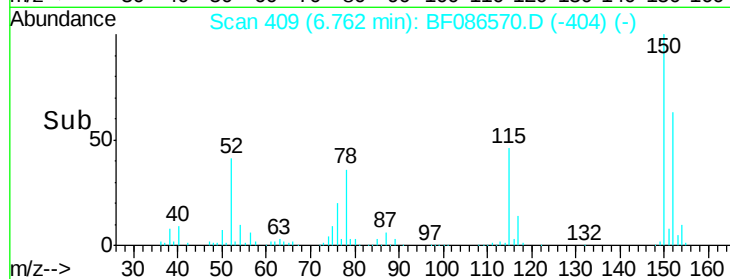
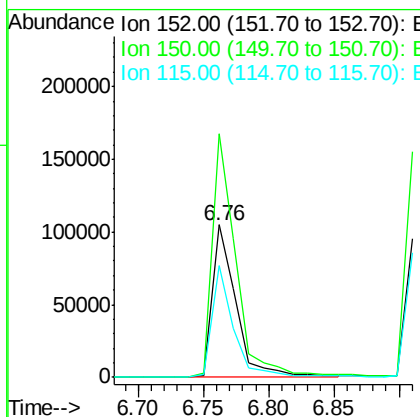
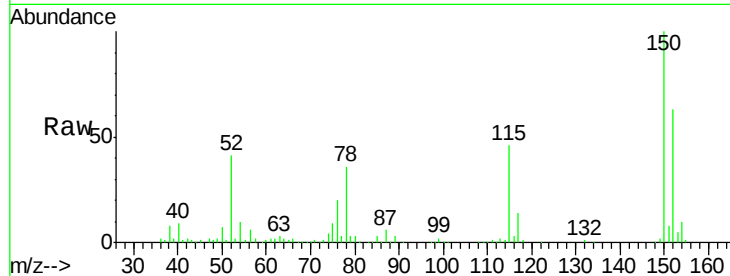




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.76 min Scan# 409
 Delta R.T. -0.05 min
 Lab File: BF086570.D
 Acq: 1 May 2016 15:07

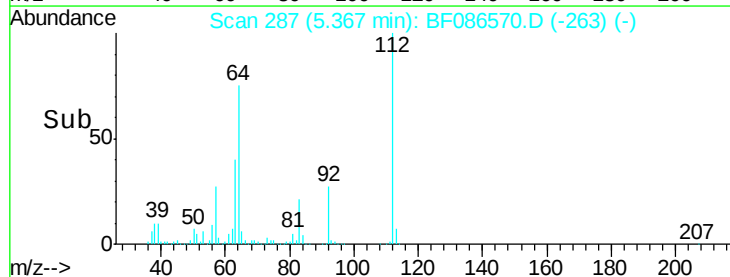
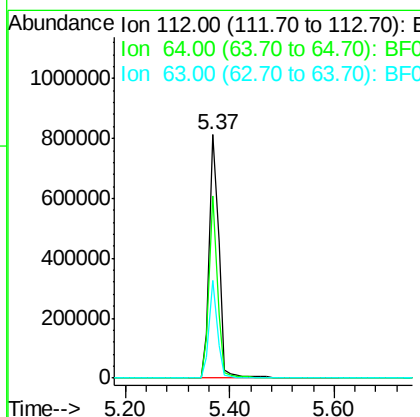
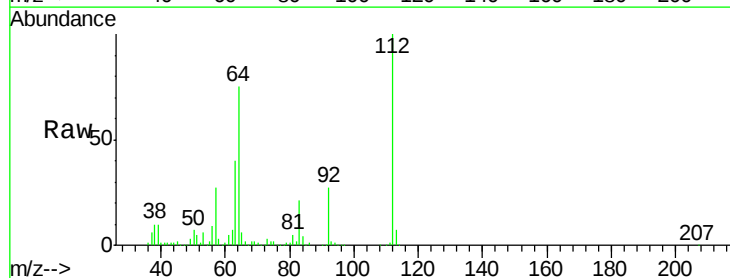
Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-9(0-6FTBGS)

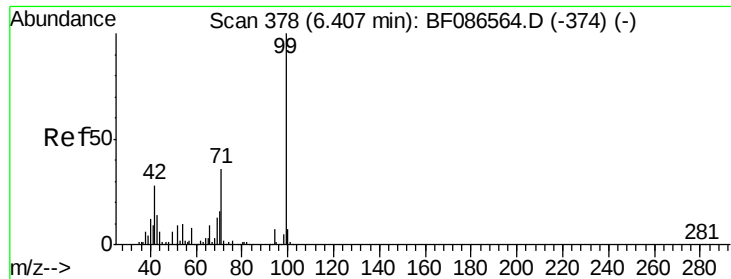
Tgt Ion:152 Resp: 133817
 Ion Ratio Lower Upper
 152 100
 150 159.8 125.8 188.6
 115 73.1 51.5 77.3



#5
 2-Fluorophenol
 Concen: 134.38 ng
 RT: 5.37 min Scan# 287
 Delta R.T. -0.02 min
 Lab File: BF086570.D
 Acq: 1 May 2016 15:07

Tgt Ion:112 Resp: 1042504
 Ion Ratio Lower Upper
 112 100
 64 74.7 52.1 78.1
 63 40.3 25.7 38.5#





#7

Phenol-d6

Concen: 117.60 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF086570.D

Acq: 1 May 2016 15:07

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-9(0-6FTBGS)

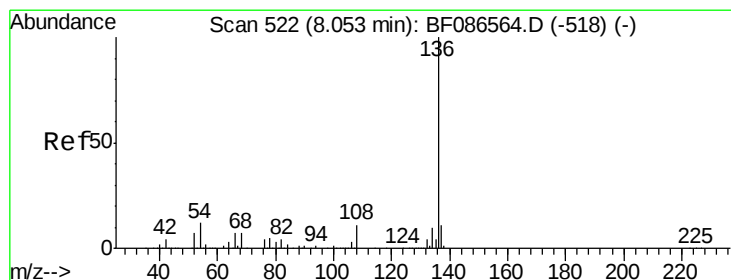
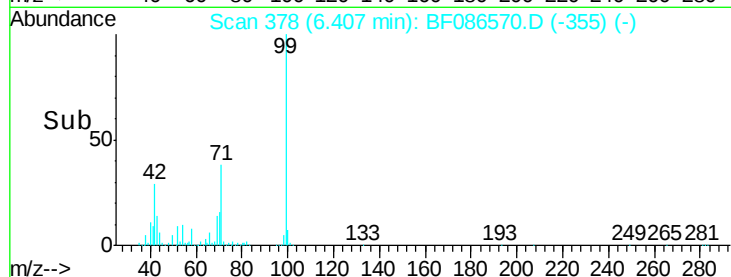
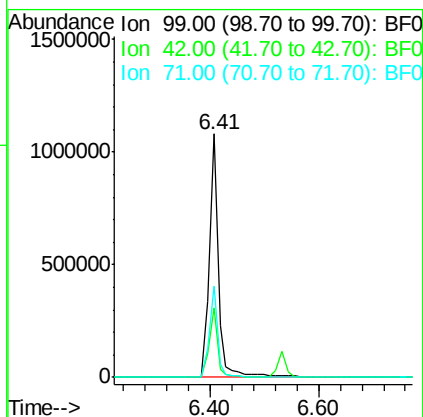
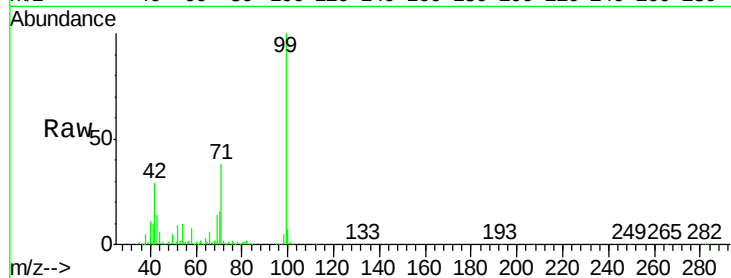
Tgt Ion: 99 Resp: 1273346

Ion Ratio Lower Upper

99 100

42 28.7 13.6 20.4#

71 37.6 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.05 min

Lab File: BF086570.D

Acq: 1 May 2016 15:07

Tgt Ion: 136 Resp: 588331

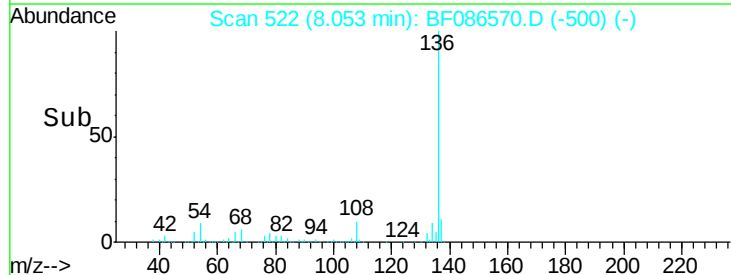
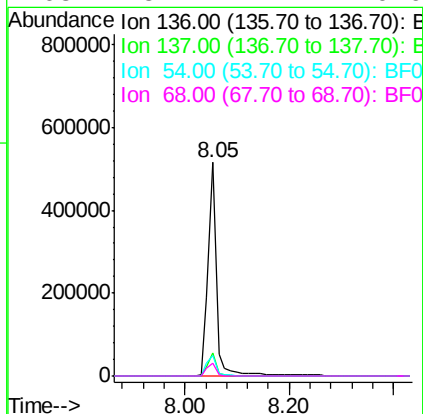
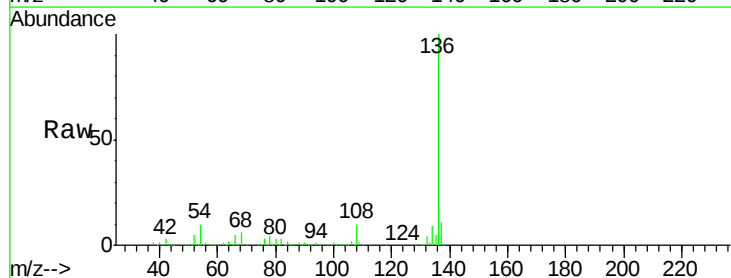
Ion Ratio Lower Upper

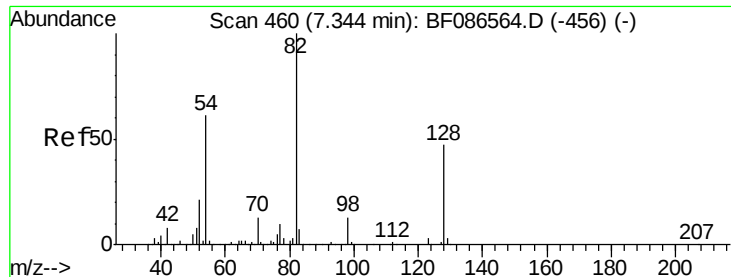
136 100

137 10.9 8.8 13.2

54 9.7 5.0 7.4#

68 5.7 4.4 6.6

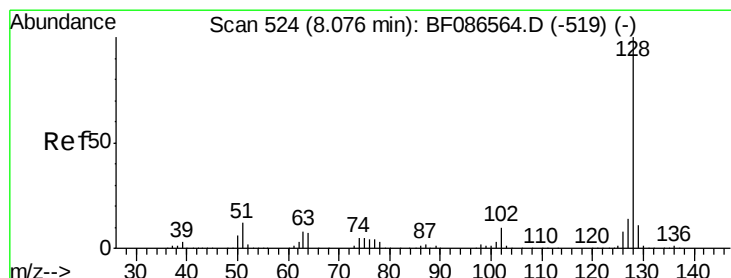
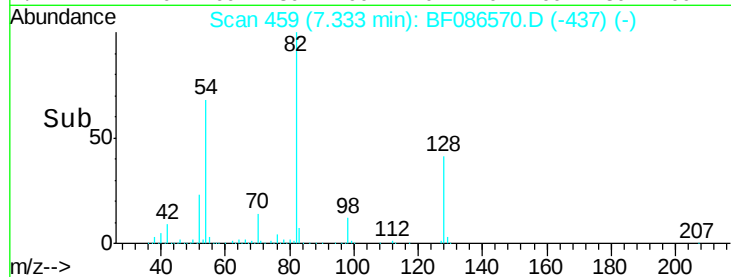
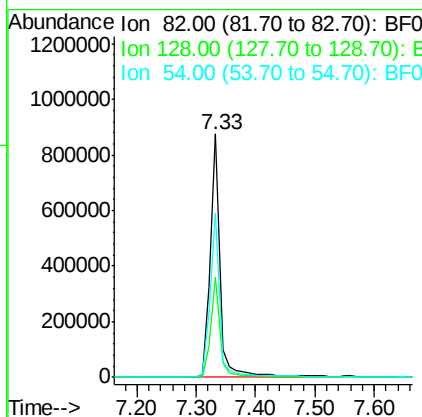
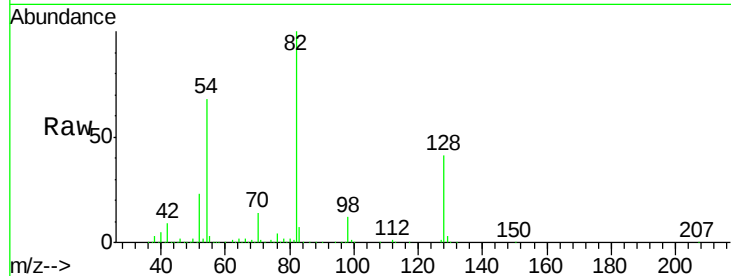




#23
 Nitrobenzene-d5
 Concen: 93.82 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.05 min
 Lab File: BF086570.D
 Acq: 1 May 2016 15:07

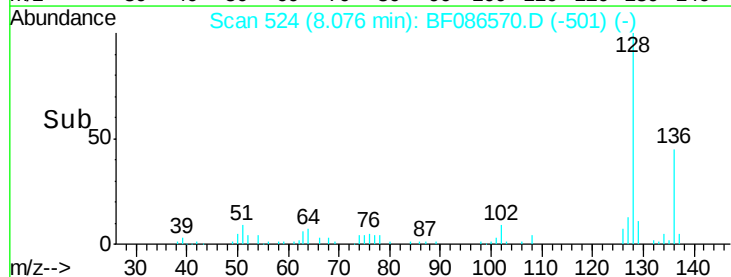
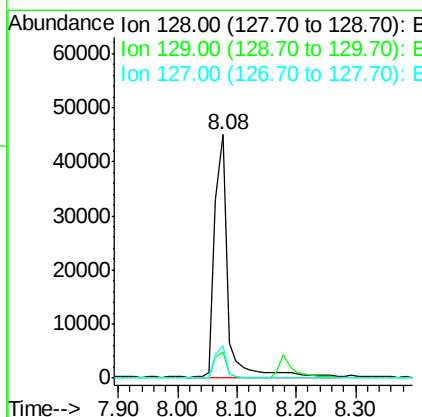
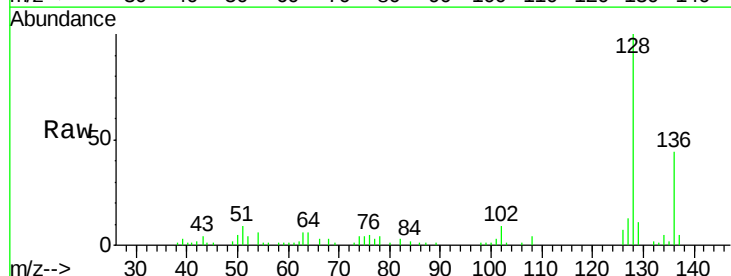
Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-9(0-6FTBGS)

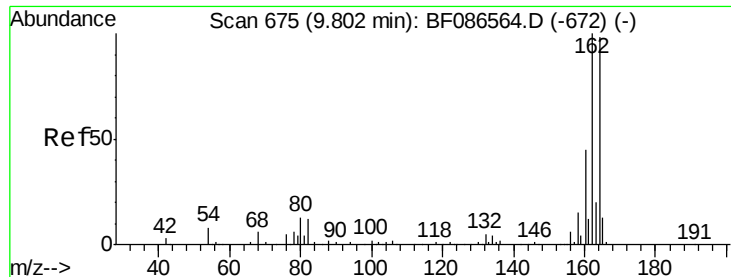
Tgt Ion: 82 Resp: 1024028
 Ion Ratio Lower Upper
 82 100
 128 41.1 40.6 61.0
 54 67.6 38.1 57.1#



#31
 Naphthalene
 Concen: 2.36 ng
 RT: 8.08 min Scan# 524
 Delta R.T. -0.03 min
 Lab File: BF086570.D
 Acq: 1 May 2016 15:07

Tgt Ion: 128 Resp: 70545
 Ion Ratio Lower Upper
 128 100
 129 10.7 8.6 13.0
 127 13.1 10.8 16.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.05 min

Lab File: BF086570.D

Acq: 1 May 2016 15:07

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-9(0-6FTBGS)

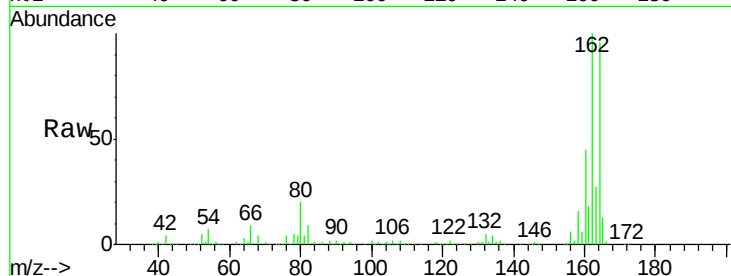
Tgt Ion:164 Resp: 290472

Ion Ratio Lower Upper

164 100

162 104.1 82.8 124.2

160 46.5 36.9 55.3

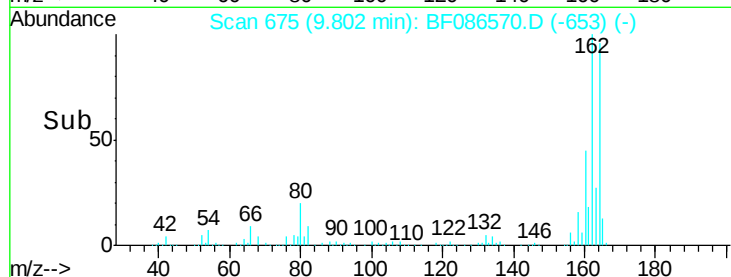


Abundance Ion 164.00 (163.70 to 164.70): E

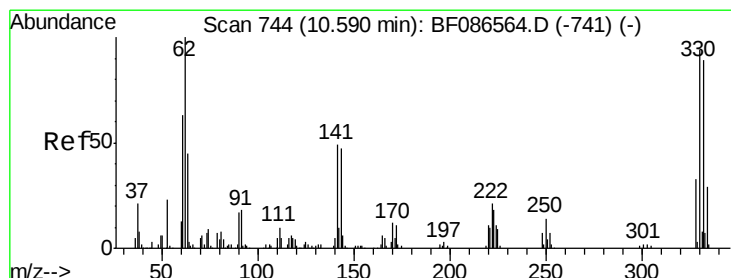
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time-->



Time-->



#41

2,4,6-Tribromophenol

Concen: 127.47 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.05 min

Lab File: BF086570.D

Acq: 1 May 2016 15:07

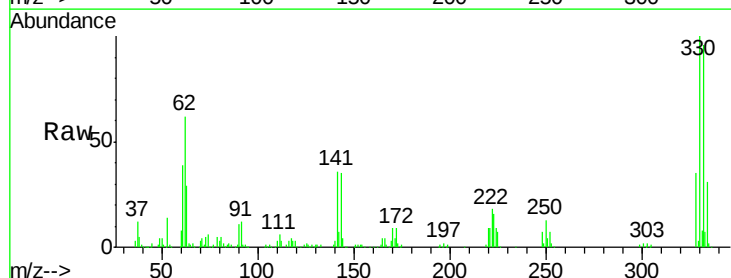
Tgt Ion:330 Resp: 390467

Ion Ratio Lower Upper

330 100

332 95.4 79.0 118.4

141 39.5 31.2 46.8

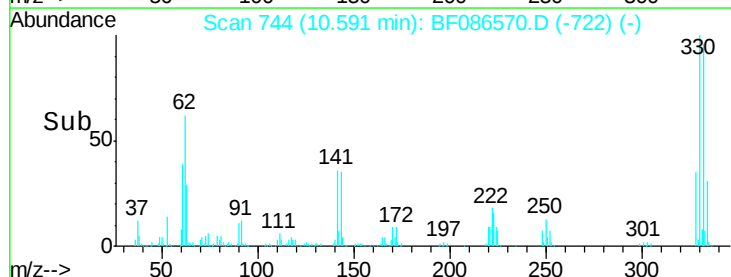


Abundance Ion 329.80 (329.50 to 330.50): E

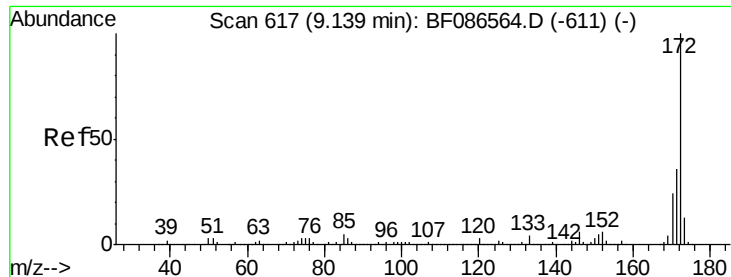
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

Time-->



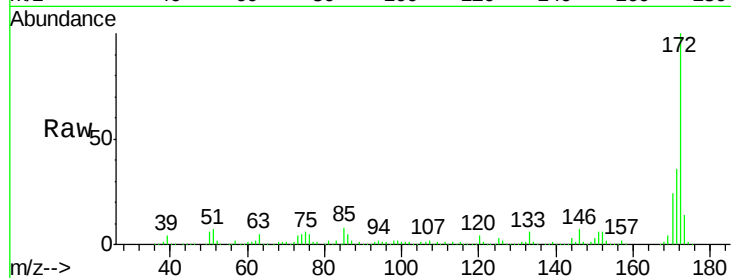
Time-->



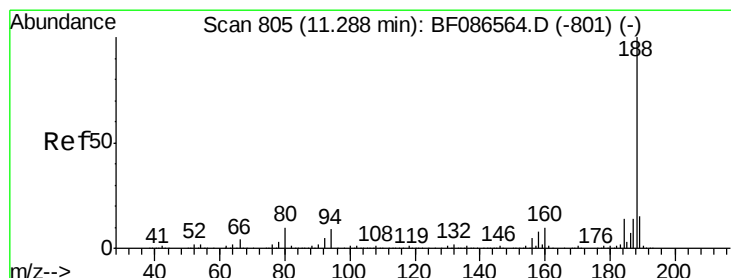
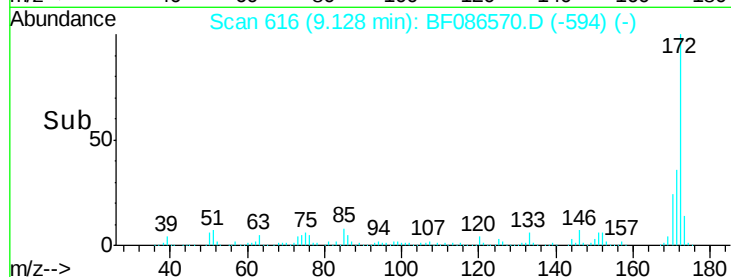
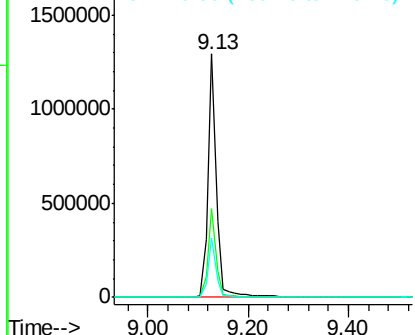
#44
 2-Fluorobiphenyl
 Concen: 93.41 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.05 min
 Lab File: BF086570.D
 Acq: 1 May 2016 15:07

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-9(0-6FTBGS)

Tgt Ion:172 Resp: 1518269
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.0 43.6
 170 24.4 19.8 29.8

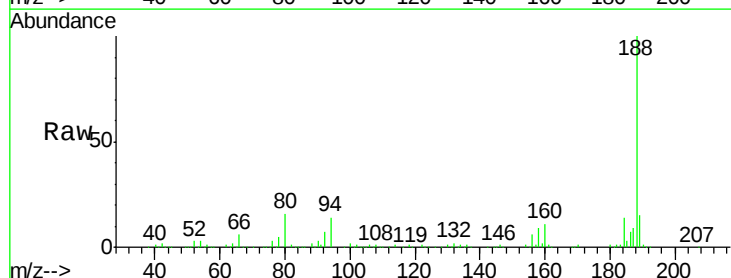


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

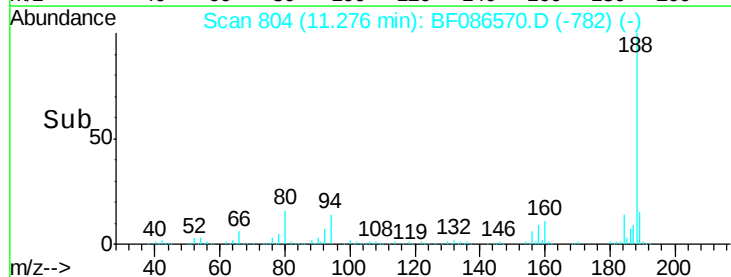
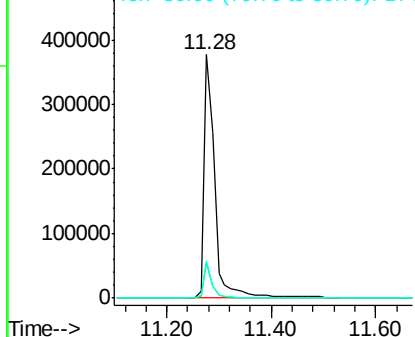


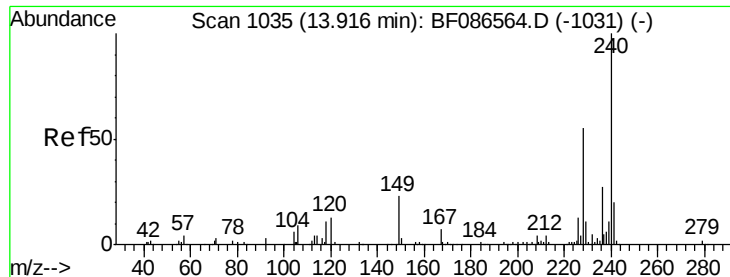
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.05 min
 Lab File: BF086570.D
 Acq: 1 May 2016 15:07

Tgt Ion:188 Resp: 539175
 Ion Ratio Lower Upper
 188 100
 94 14.3 6.8 10.2#
 80 15.5 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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.06 min

Lab File: BF086570.D

Acq: 1 May 2016 15:07

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-9(0-6FTBGS)

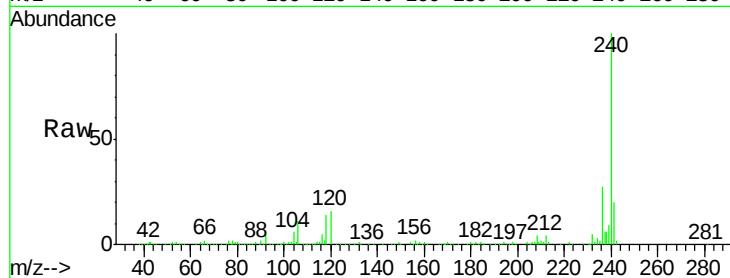
Tgt Ion:240 Resp: 372613

Ion Ratio Lower Upper

240 100

120 15.5 11.2 16.8

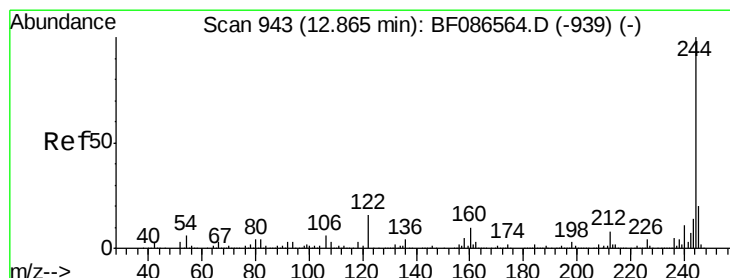
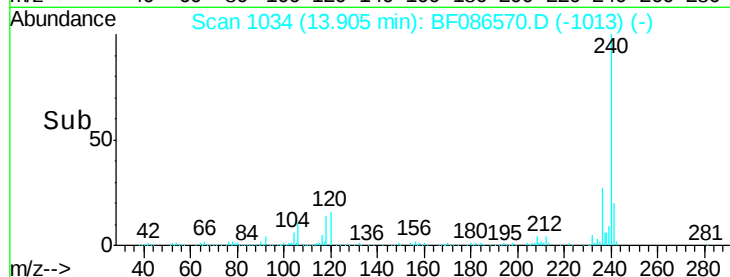
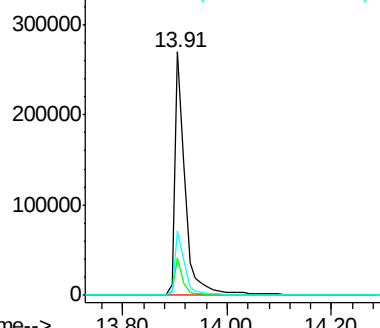
236 26.7 21.2 31.8



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: 89.20 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.05 min

Lab File: BF086570.D

Acq: 1 May 2016 15:07

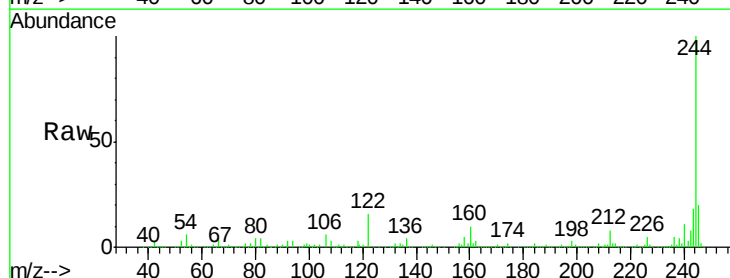
Tgt Ion:244 Resp: 1508562

Ion Ratio Lower Upper

244 100

212 8.3 6.2 9.2

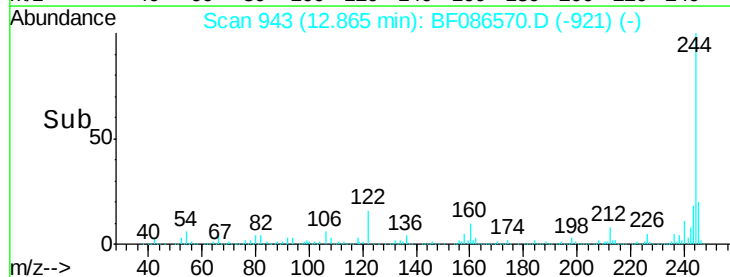
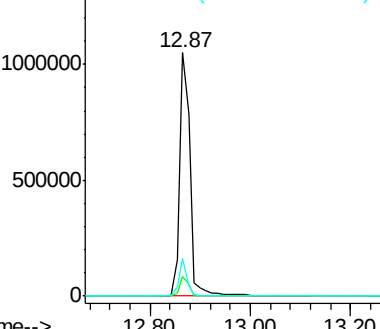
122 15.6 12.0 18.0

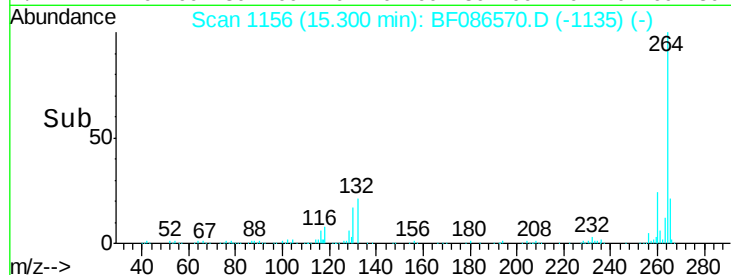
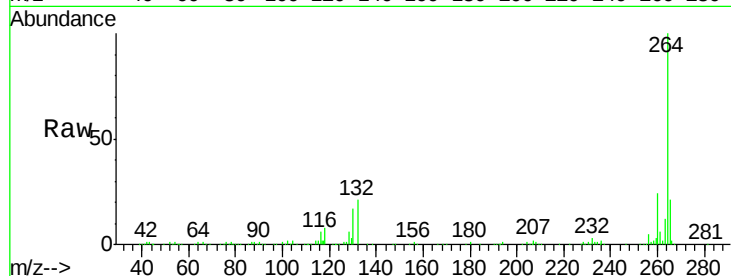
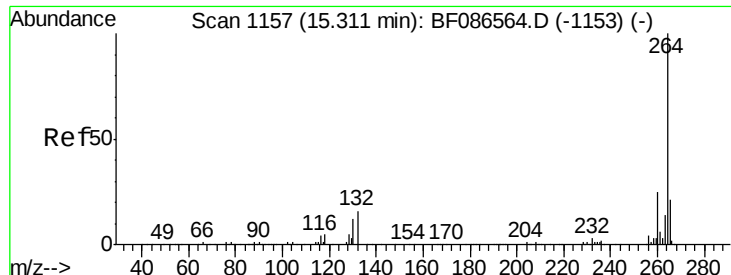


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.06 min
Lab File: BF086570.D
Acq: 1 May 2016 15:07

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-9(0-6FTBGS)

Tgt Ion:	264	Resp:	328193
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.5	17.3	25.9

