

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050116\
 Data File : BF086574.D
 Acq On : 1 May 2016 17:00
 Operator : UM/SJ
 Sample : H2683-10
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

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

Quant Time: May 02 04:20:44 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

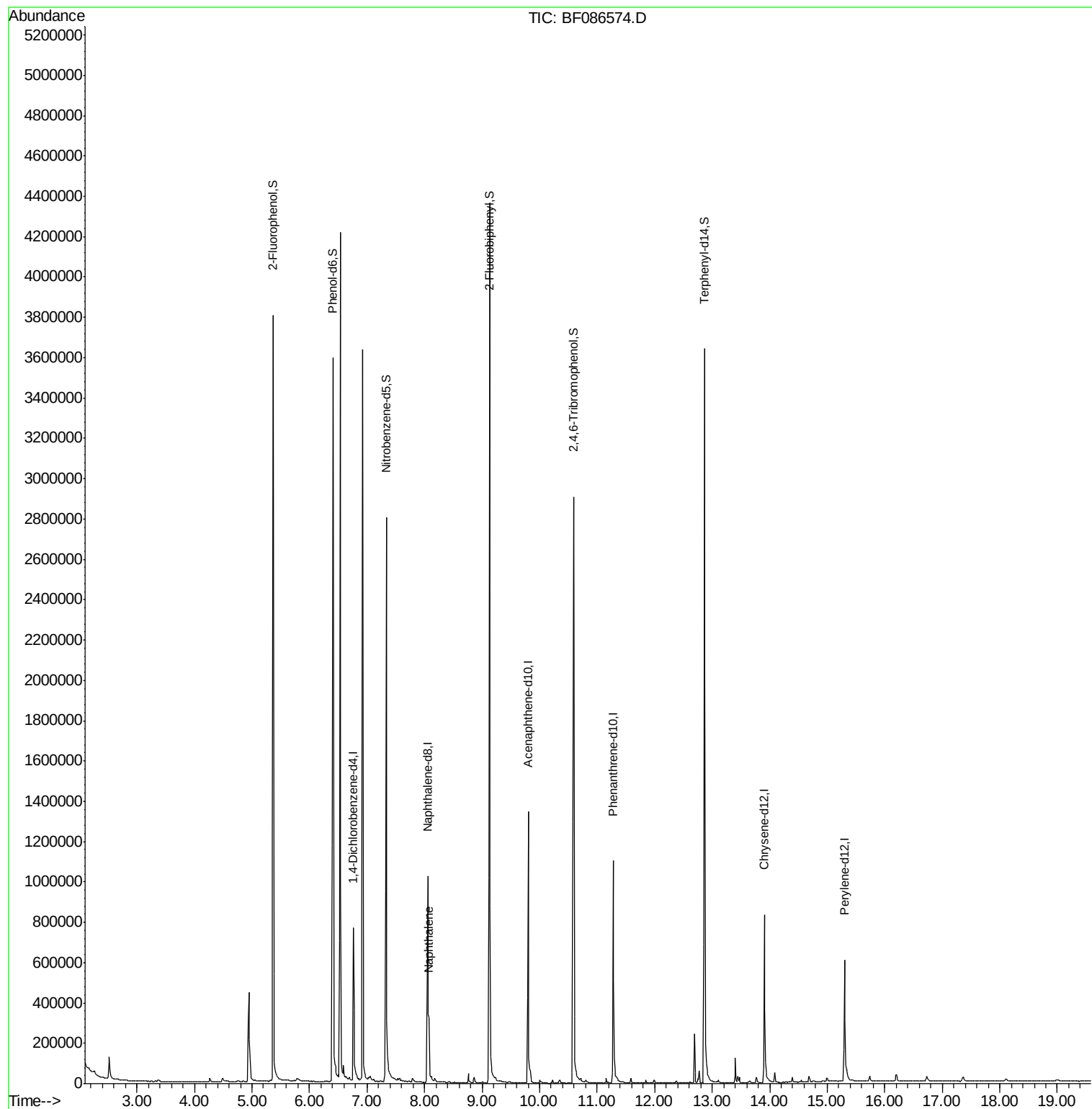
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	133325	20.00	ng	-0.05
21) Naphthalene-d8	8.05	136	574118	20.00	ng	-0.05
38) Acenaphthene-d10	9.80	164	283016	20.00	ng	-0.05
63) Phenanthrene-d10	11.28	188	529915	20.00	ng	-0.05
75) Chrysene-d12	13.91	240	386573	20.00	ng	-0.06
86) Perylene-d12	15.30	264	332481	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1007453	130.34	ng	-0.02
7) Phenol-d6	6.41	99	1246177	115.52	ng	-0.03
23) Nitrobenzene-d5	7.33	82	1007917	94.63	ng	-0.05
41) 2,4,6-Tribromophenol	10.59	330	396874	132.97	ng	-0.05
44) 2-Fluorobiphenyl	9.13	172	1467723	92.46	ng	-0.05
78) Terphenyl-d14	12.87	244	1538610	87.69	ng	-0.05
Target Compounds						
31) Naphthalene	8.08	128	208400	7.13	ng	Qvalue 99

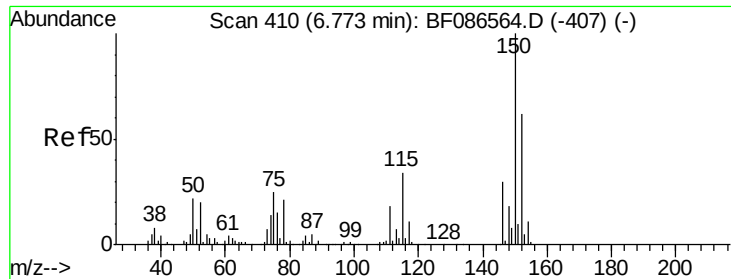
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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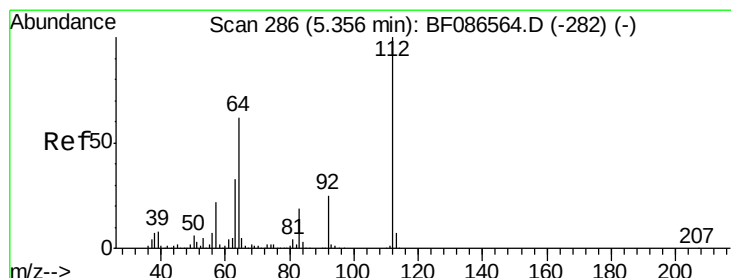
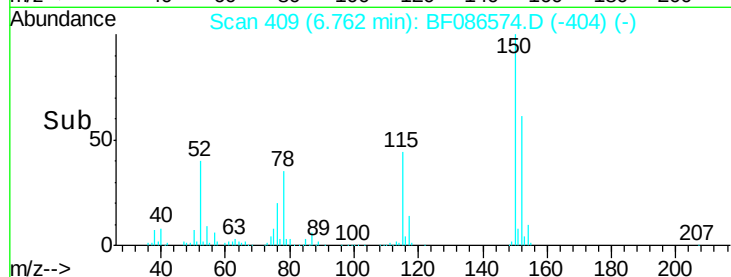
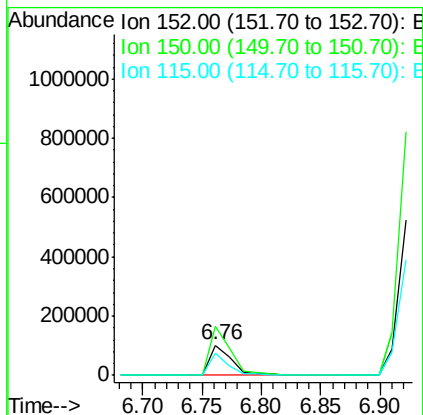
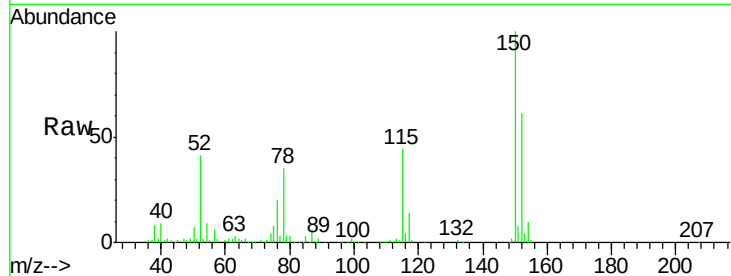


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.05 min
Lab File: BF086574.D
Acq: 1 May 2016 17:00

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

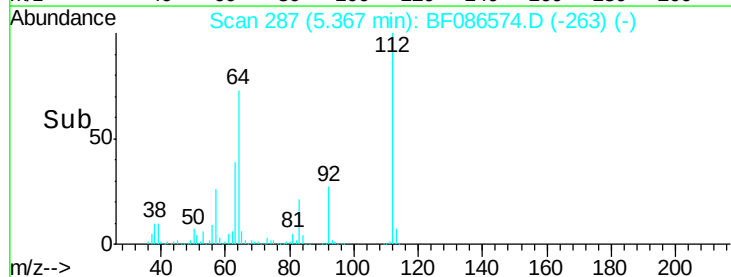
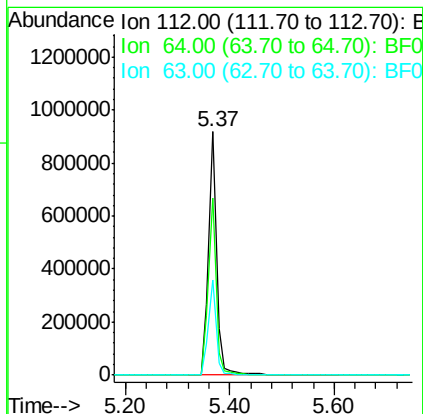
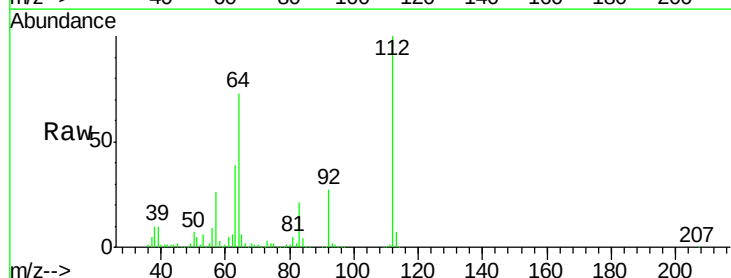
Tgt Ion:152 Resp: 133325
Ion Ratio Lower Upper
152 100
150 162.8 125.8 188.6
115 72.1 51.5 77.3

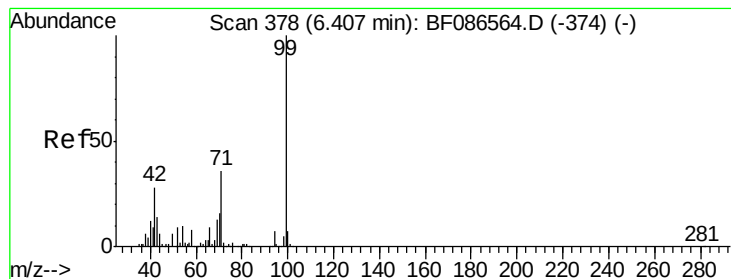


#5

2-Fluorophenol
Concen: 130.34 ng
RT: 5.37 min Scan# 287
Delta R.T. -0.02 min
Lab File: BF086574.D
Acq: 1 May 2016 17:00

Tgt Ion:112 Resp: 1007453
Ion Ratio Lower Upper
112 100
64 72.9 52.1 78.1
63 39.2 25.7 38.5#





#7

Phenol-d6

Concen: 115.52 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF086574.D

Acq: 1 May 2016 17:00

Instrument :

BNA_F

ClientSampleId :

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

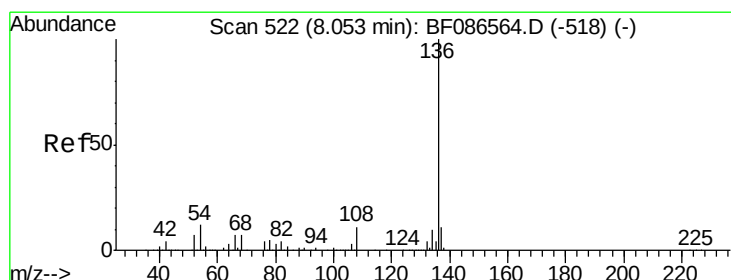
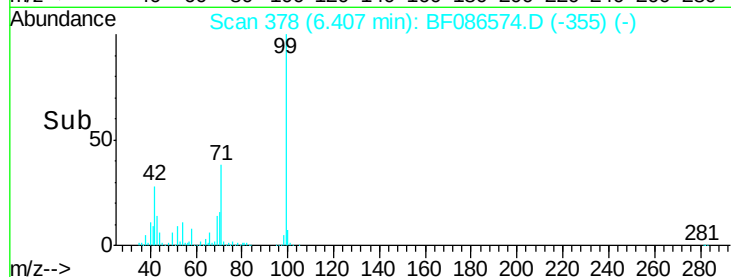
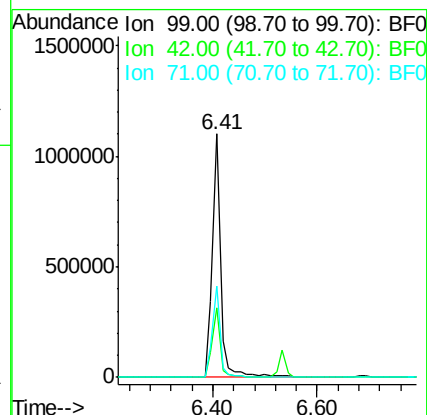
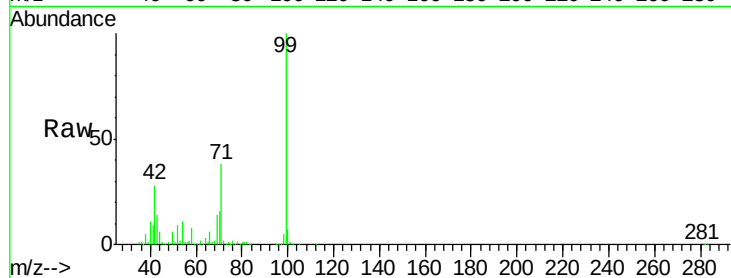
Tgt Ion: 99 Resp: 1246177

Ion Ratio Lower Upper

99 100

42 28.4 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: BF086574.D

Acq: 1 May 2016 17:00

Tgt Ion: 136 Resp: 574118

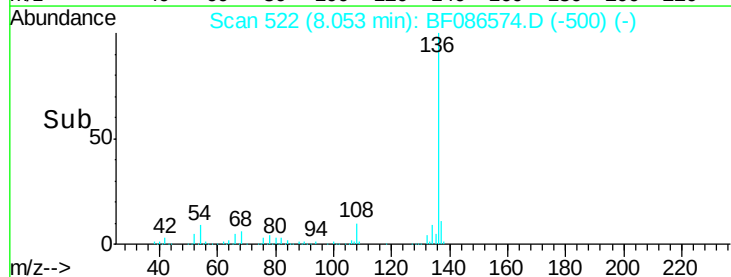
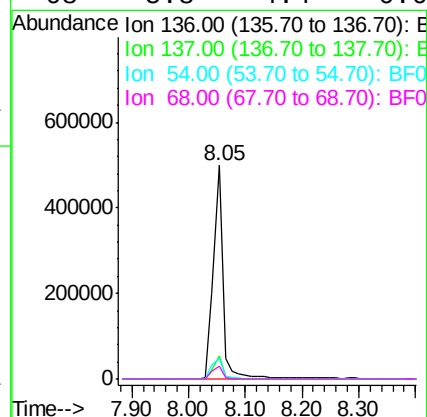
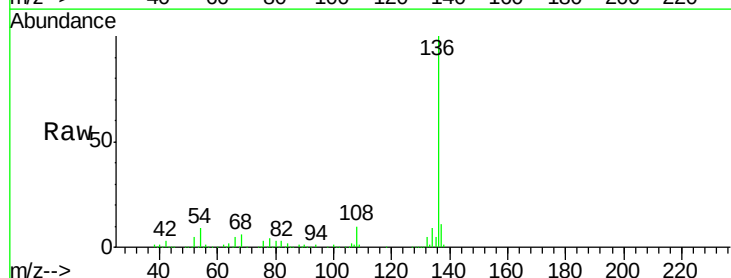
Ion Ratio Lower Upper

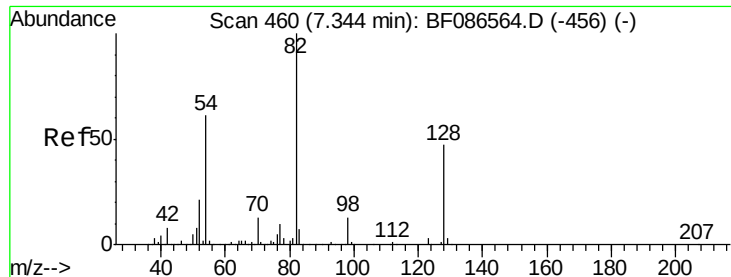
136 100

137 10.8 8.8 13.2

54 9.4 5.0 7.4#

68 5.8 4.4 6.6

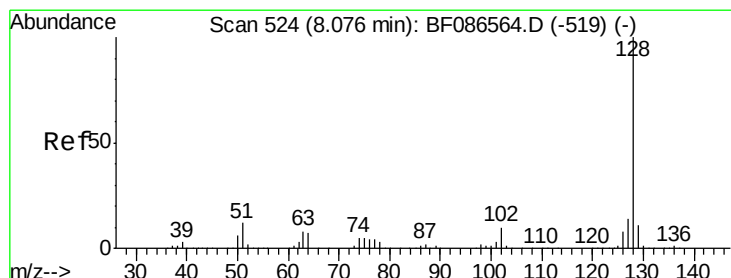
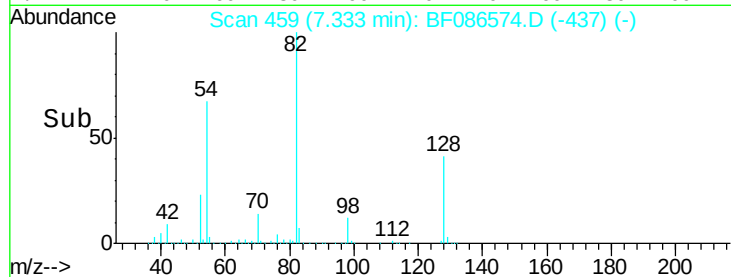
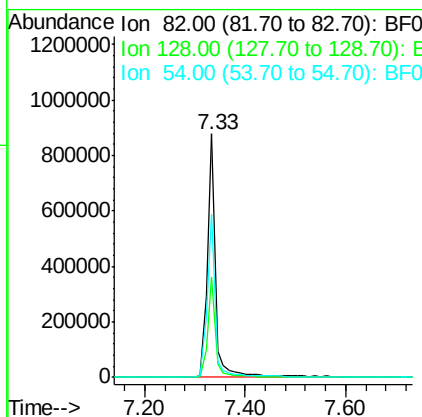
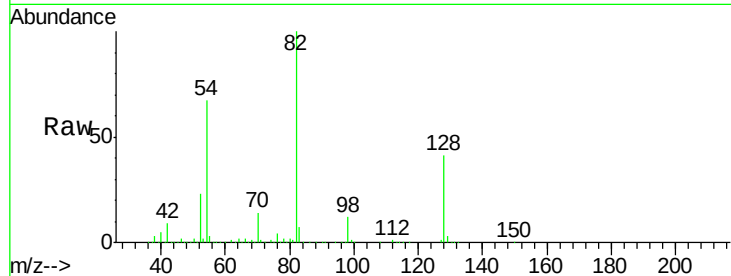




#23
 Nitrobenzene-d5
 Concen: 94.63 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.05 min
 Lab File: BF086574.D
 Acq: 1 May 2016 17:00

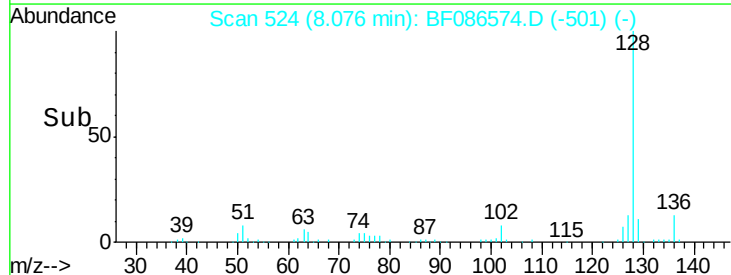
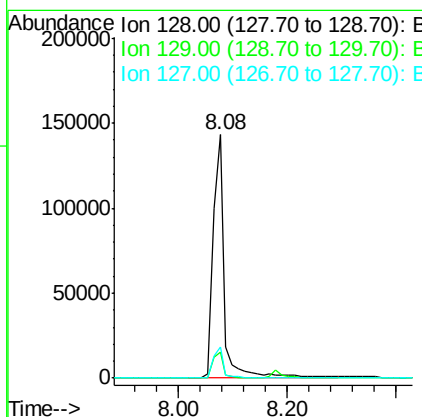
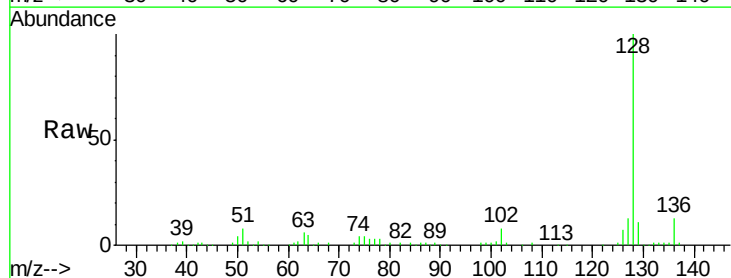
Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-6(0-6FTBGS)

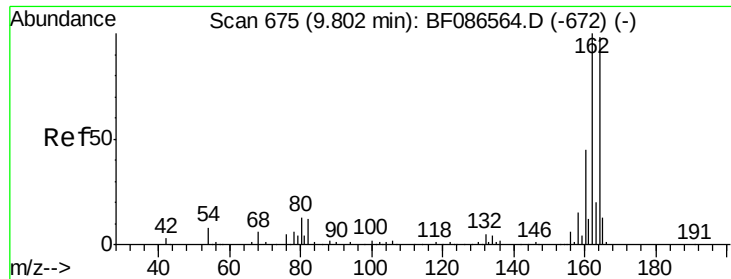
Tgt Ion: 82 Resp: 1007917
 Ion Ratio Lower Upper
 82 100
 128 41.2 40.6 61.0
 54 67.0 38.1 57.1#



#31
 Naphthalene
 Concen: 7.13 ng
 RT: 8.08 min Scan# 524
 Delta R.T. -0.03 min
 Lab File: BF086574.D
 Acq: 1 May 2016 17:00

Tgt Ion: 128 Resp: 208400
 Ion Ratio Lower Upper
 128 100
 129 10.9 8.6 13.0
 127 12.6 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: BF086574.D

Acq: 1 May 2016 17:00

Instrument :

BNA_F

ClientSampleId :

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

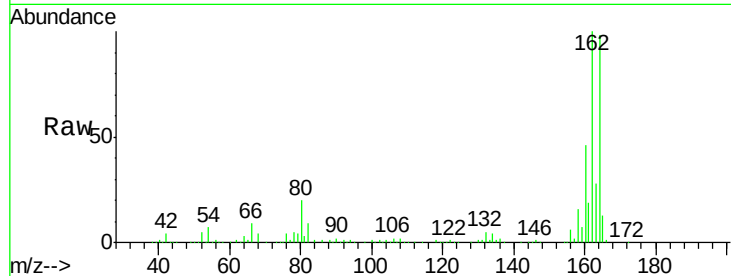
Tgt Ion:164 Resp: 283016

Ion Ratio Lower Upper

164 100

162 102.4 82.8 124.2

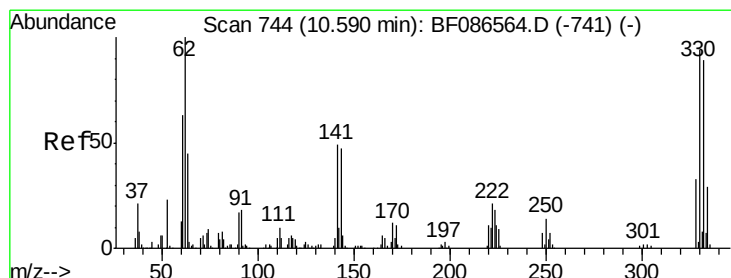
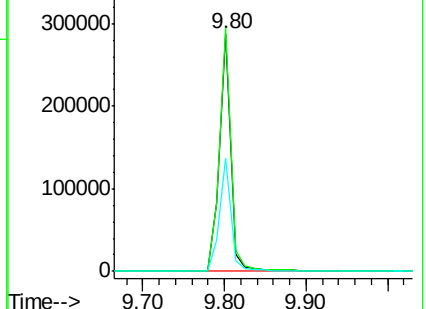
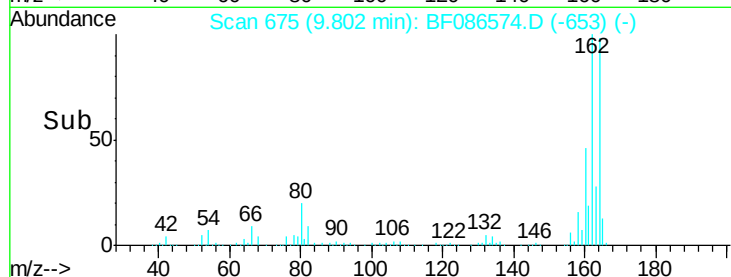
160 47.4 36.9 55.3



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: 132.97 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.05 min

Lab File: BF086574.D

Acq: 1 May 2016 17:00

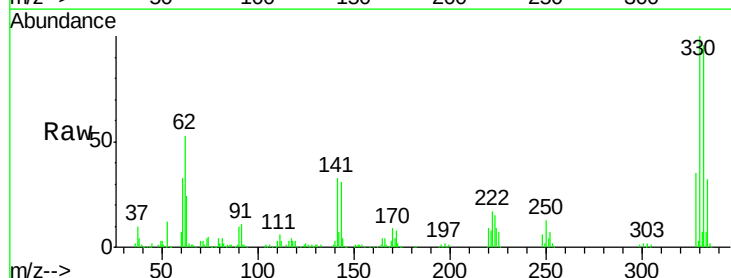
Tgt Ion:330 Resp: 396874

Ion Ratio Lower Upper

330 100

332 96.3 79.0 118.4

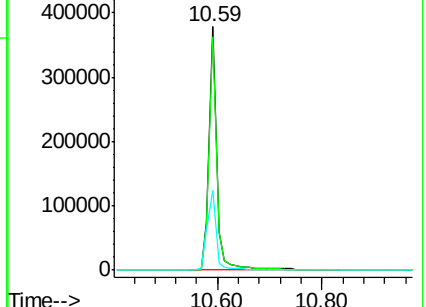
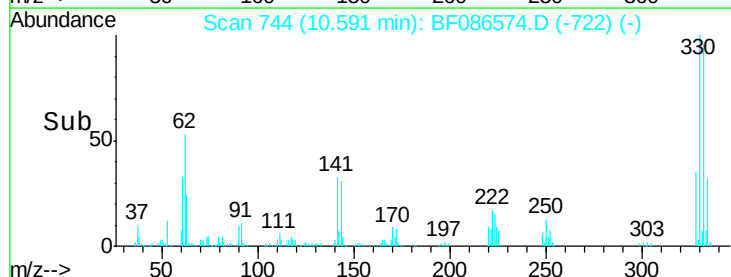
141 38.6 31.2 46.8

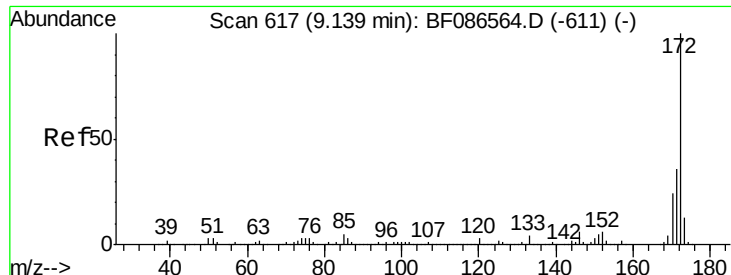


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

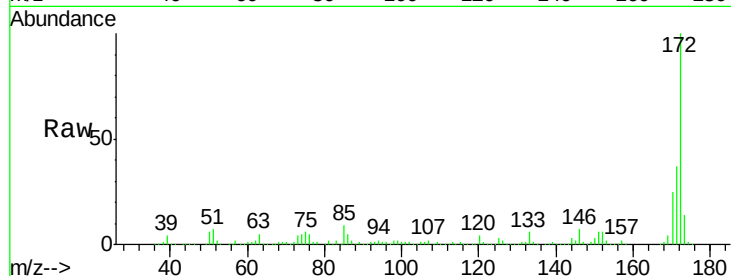




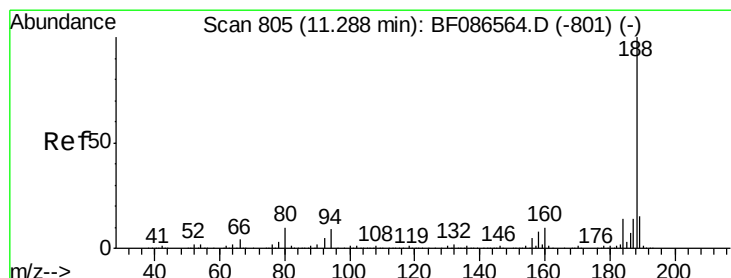
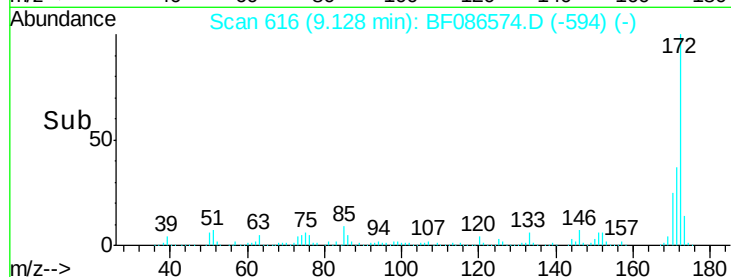
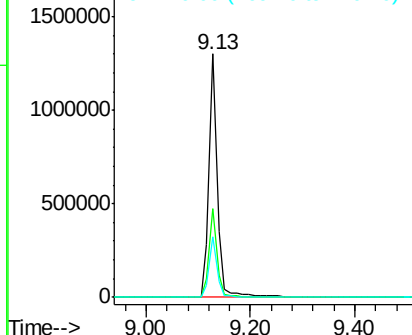
#44
 2-Fluorobiphenyl
 Concen: 92.46 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.05 min
 Lab File: BF086574.D
 Acq: 1 May 2016 17:00

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

Tgt Ion:172 Resp: 1467723
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.0 43.6
 170 24.8 19.8 29.8

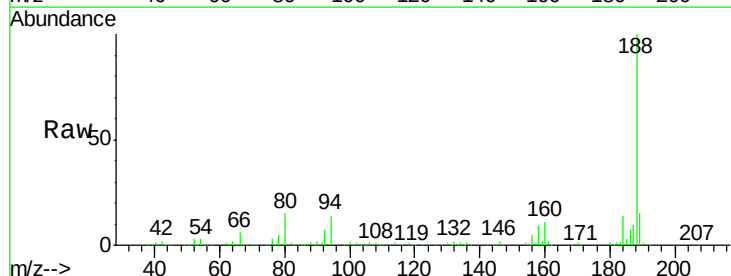


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

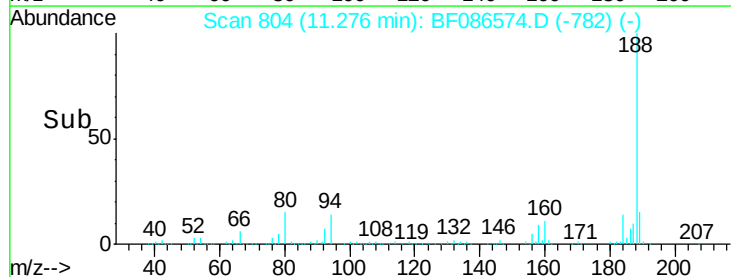
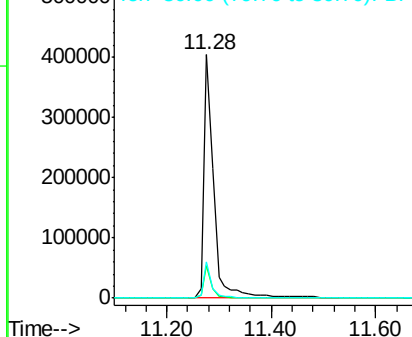


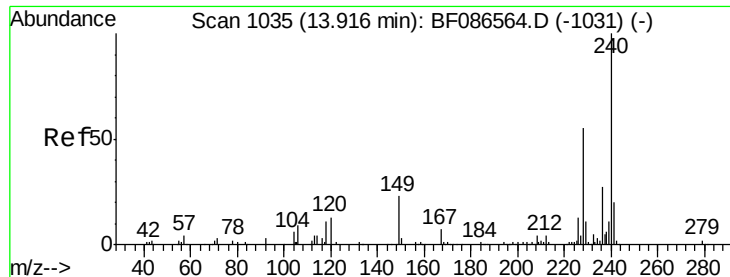
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.05 min
 Lab File: BF086574.D
 Acq: 1 May 2016 17:00

Tgt Ion:188 Resp: 529915
 Ion Ratio Lower Upper
 188 100
 94 13.6 6.8 10.2#
 80 14.7 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: BF086574.D

Acq: 1 May 2016 17:00

Instrument :

BNA_F

ClientSampleId :

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

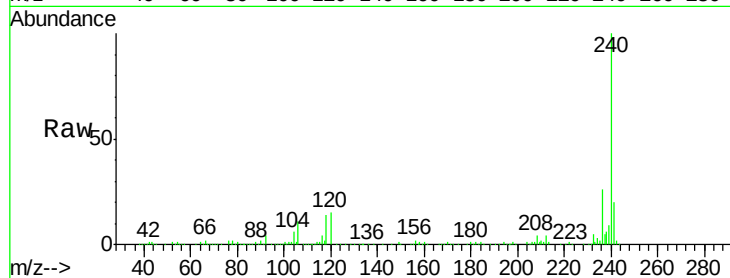
Tgt Ion:240 Resp: 386573

Ion Ratio Lower Upper

240 100

120 15.5 11.2 16.8

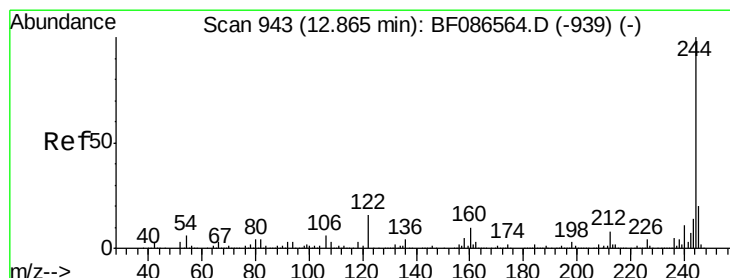
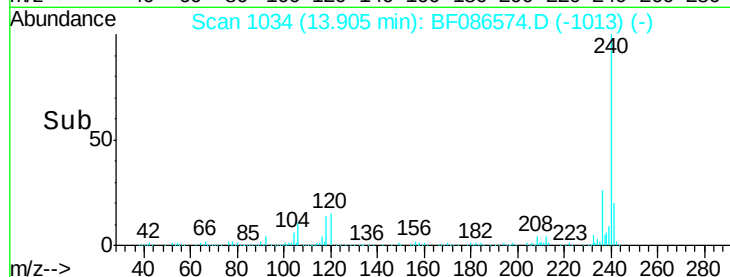
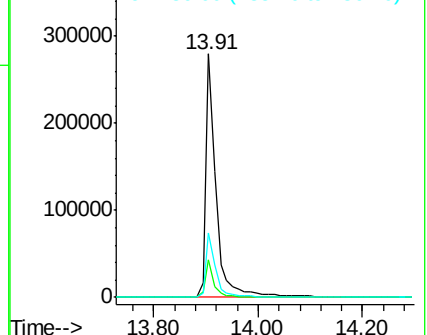
236 26.5 21.2 31.8



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: 87.69 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.05 min

Lab File: BF086574.D

Acq: 1 May 2016 17:00

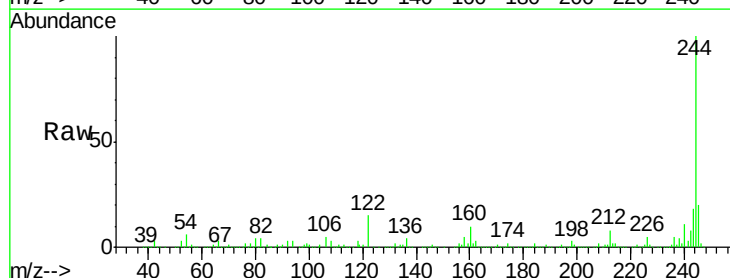
Tgt Ion:244 Resp: 1538610

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

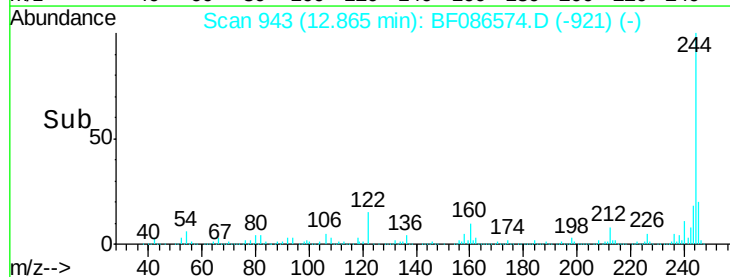
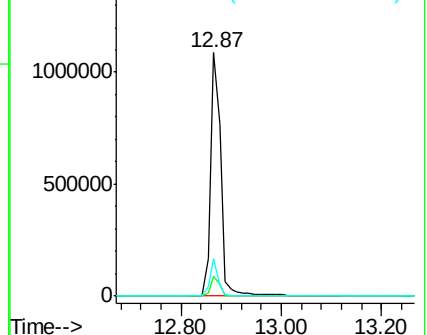
122 15.3 12.0 18.0

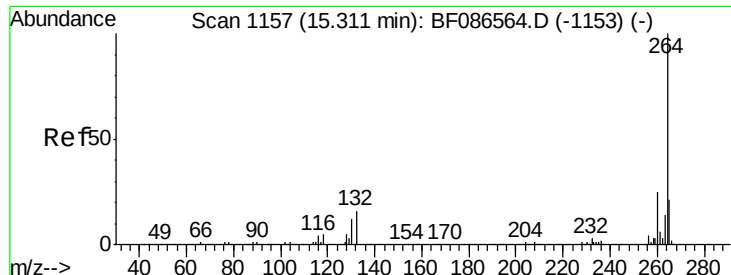


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

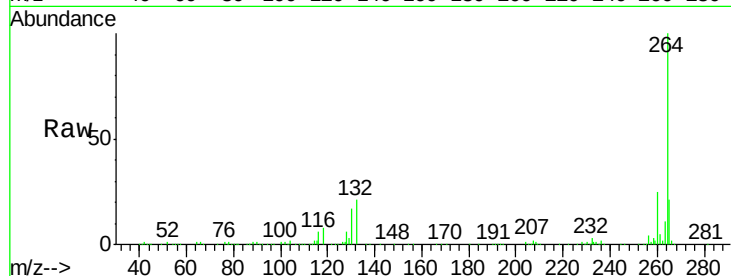




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.06 min
Lab File: BF086574.D
Acq: 1 May 2016 17:00

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.3	17.3	25.9



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

