

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050116\
 Data File : BF086575.D
 Acq On : 1 May 2016 17:28
 Operator : UM/SJ
 Sample : H2683-11
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-19(0-6FTBGS)

Quant Time: May 02 04:21:59 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

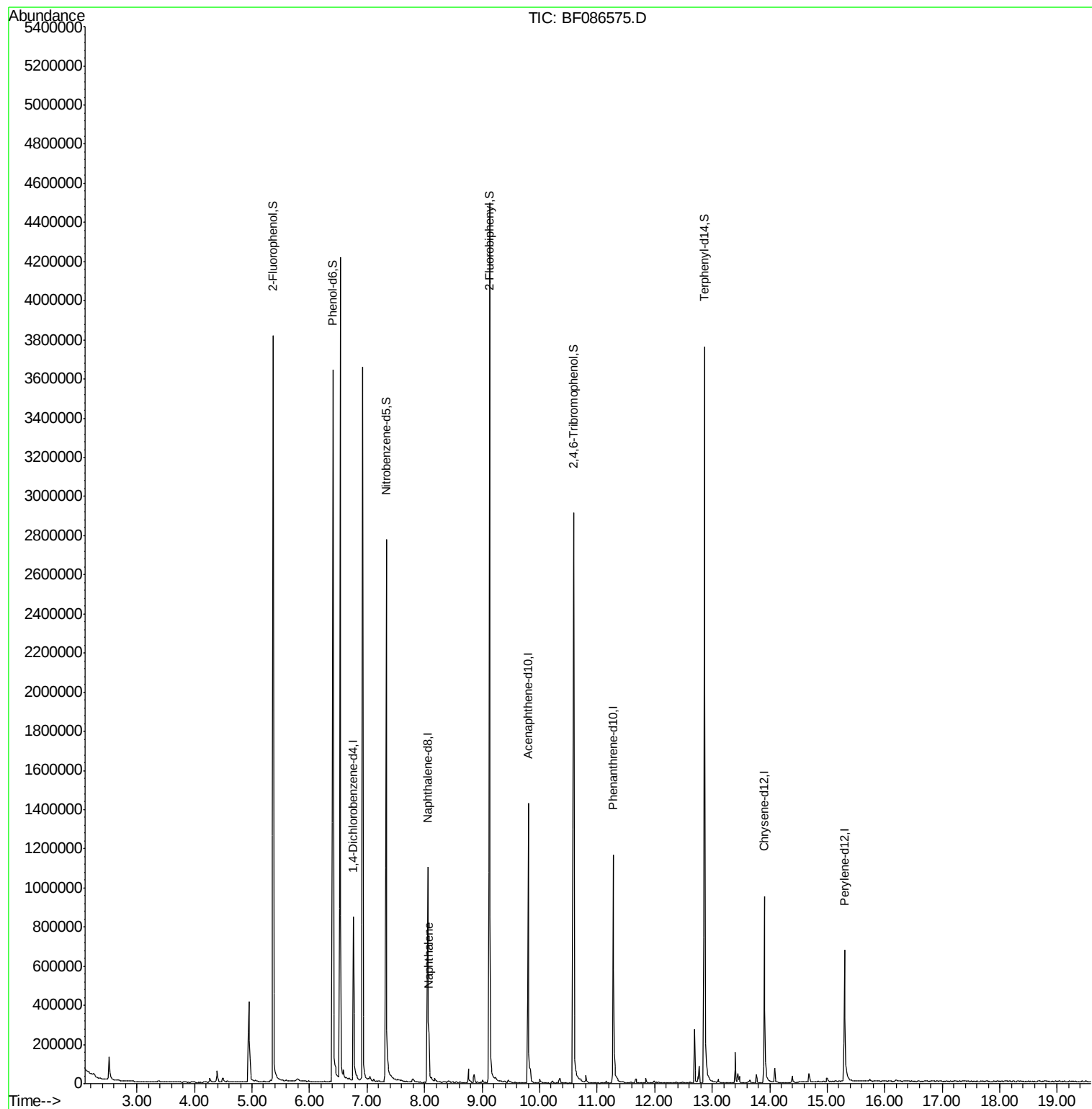
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	142330	20.00	ng	-0.05
21) Naphthalene-d8	8.05	136	608899	20.00	ng	-0.05
38) Acenaphthene-d10	9.80	164	299476	20.00	ng	-0.05
63) Phenanthrene-d10	11.28	188	563518	20.00	ng	-0.05
75) Chrysene-d12	13.91	240	423407	20.00	ng	-0.06
86) Perylene-d12	15.30	264	364451	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	995182	120.60	ng	-0.02
7) Phenol-d6	6.41	99	1267927	110.10	ng	-0.03
23) Nitrobenzene-d5	7.33	82	1016746	90.00	ng	-0.05
41) 2,4,6-Tribromophenol	10.59	330	400613	126.85	ng	-0.05
44) 2-Fluorobiphenyl	9.13	172	1495335	88.06	ng	-0.05
78) Terphenyl-d14	12.87	244	1560205	81.18	ng	-0.05
Target Compounds						
31) Naphthalene	8.08	128	168629	5.44	ng	Qvalue 98

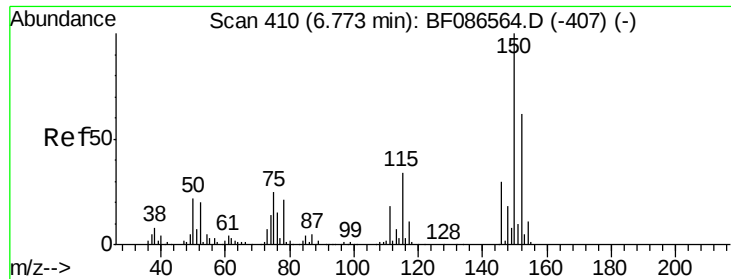
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF086575.D

Acq: 1 May 2016 17:28

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-19(0-6FTBGS)

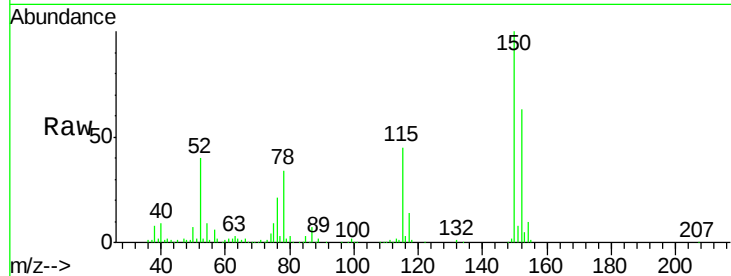
Tgt Ion:152 Resp: 142330

Ion Ratio Lower Upper

152 100

150 158.4 125.8 188.6

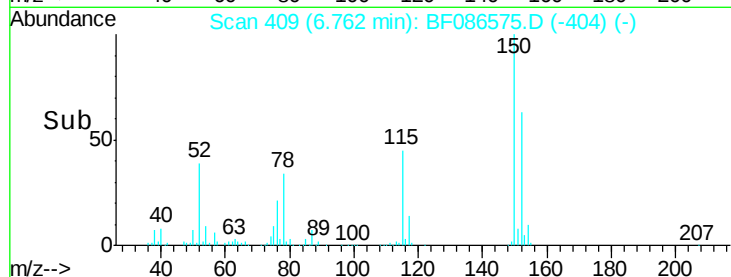
115 70.9 51.5 77.3



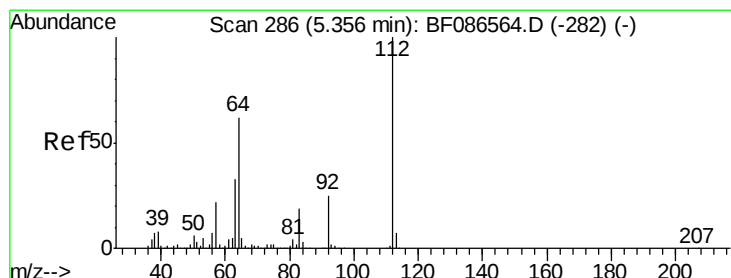
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#5

2-Fluorophenol

Concen: 120.60 ng

RT: 5.37 min Scan# 287

Delta R.T. -0.02 min

Lab File: BF086575.D

Acq: 1 May 2016 17:28

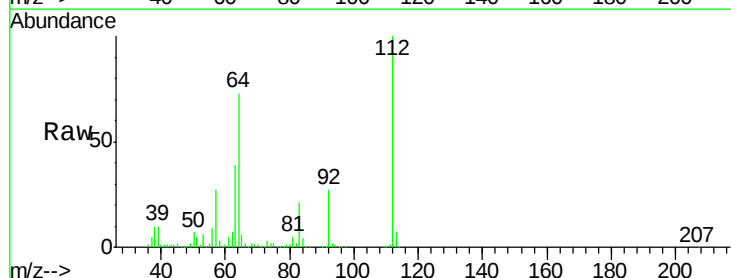
Tgt Ion:112 Resp: 995182

Ion Ratio Lower Upper

112 100

64 72.6 52.1 78.1

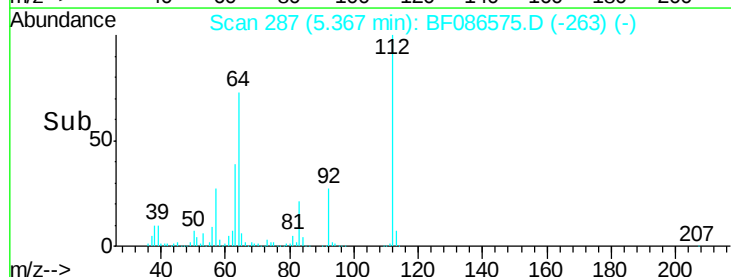
63 39.0 25.7 38.5#



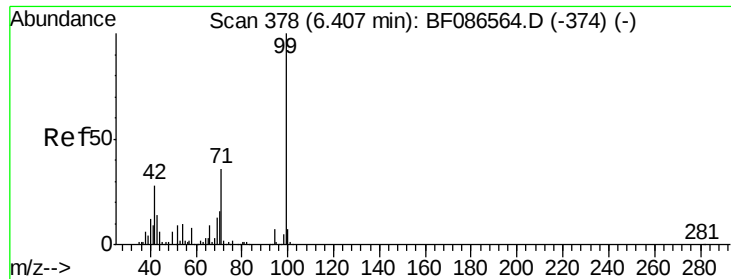
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



Time-->



#7

Phenol-d6

Concen: 110.10 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF086575.D

Acq: 1 May 2016 17:28

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-19(0-6FTBGS)

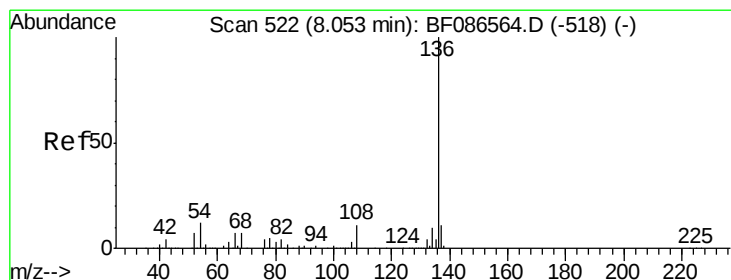
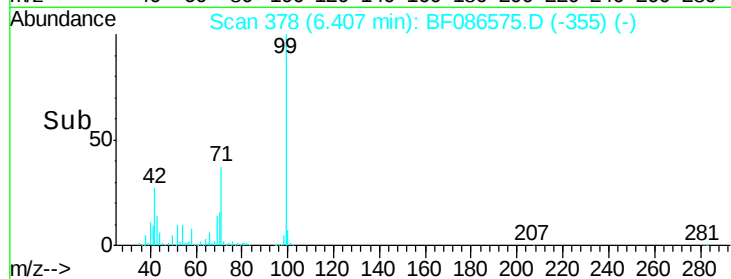
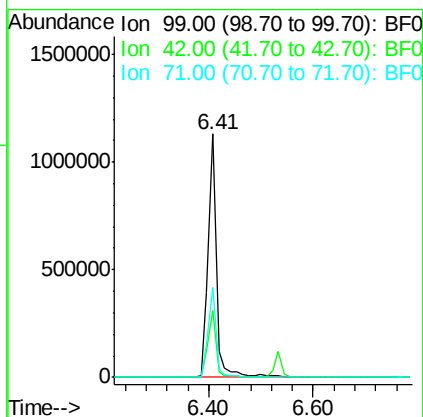
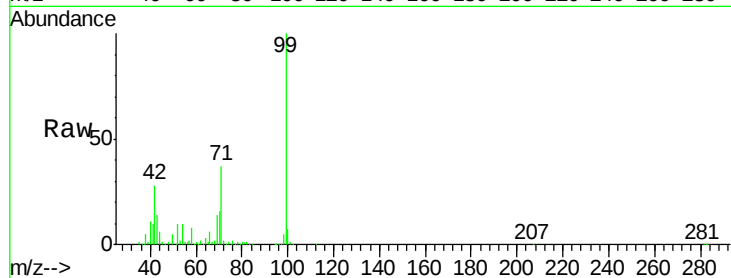
Tgt Ion: 99 Resp: 1267927

Ion Ratio Lower Upper

99 100

42 27.5 13.6 20.4#

71 36.9 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: BF086575.D

Acq: 1 May 2016 17:28

Tgt Ion: 136 Resp: 608899

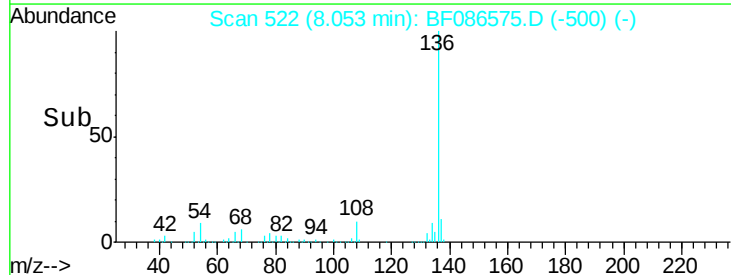
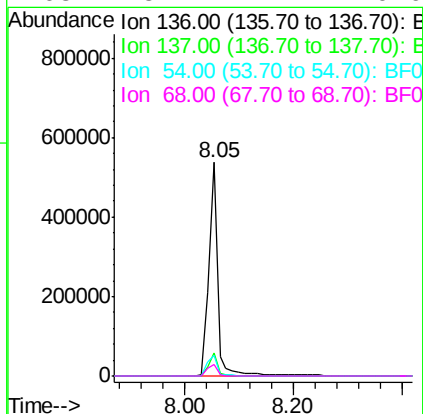
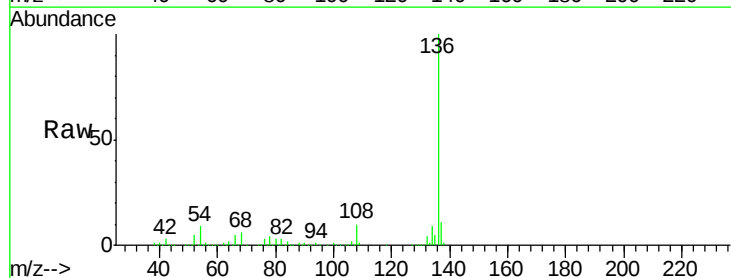
Ion Ratio Lower Upper

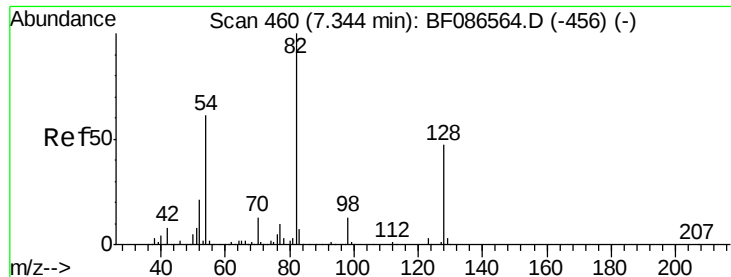
136 100

137 10.8 8.8 13.2

54 9.4 5.0 7.4#

68 5.7 4.4 6.6

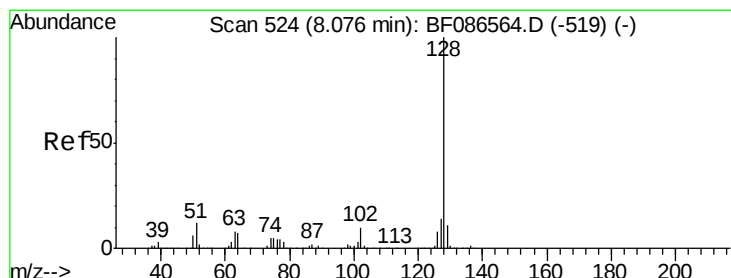
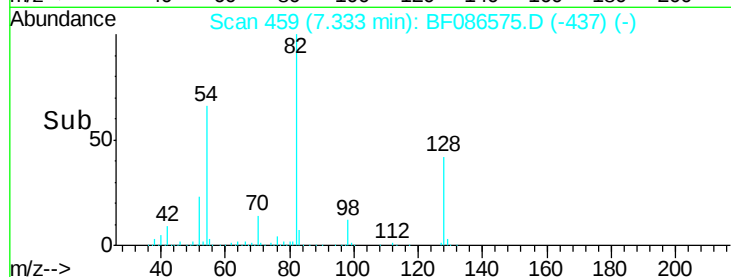
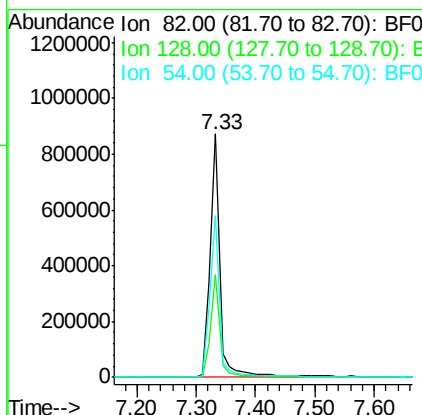
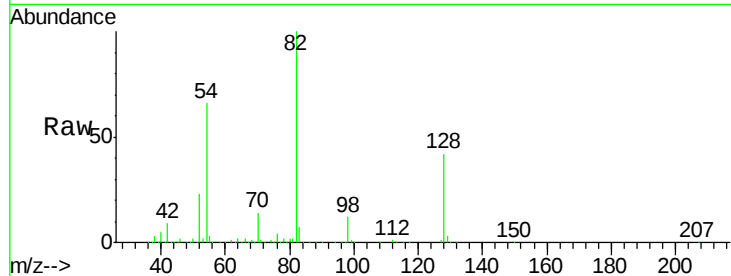




#23
 Nitrobenzene-d5
 Concen: 90.00 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.05 min
 Lab File: BF086575.D
 Acq: 1 May 2016 17:28

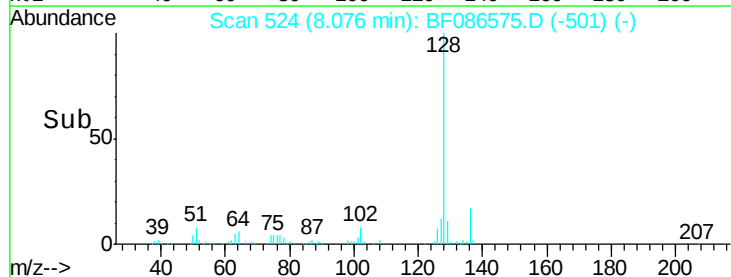
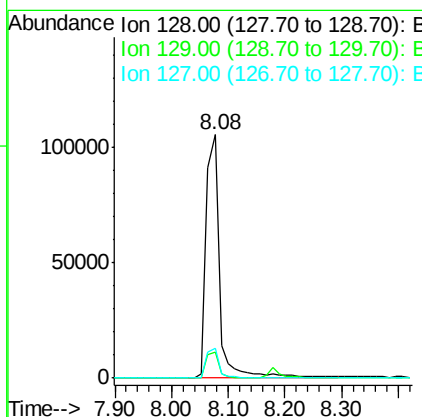
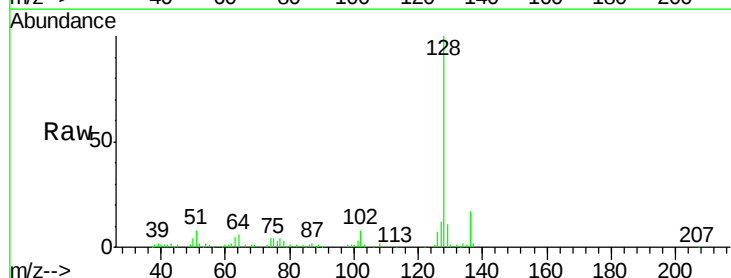
Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-19(0-6FTBGS)

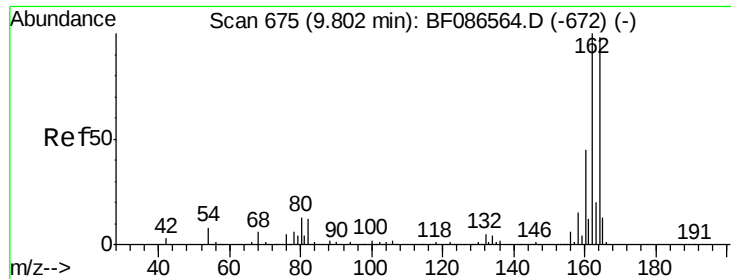
Tgt Ion: 82 Resp: 1016746
 Ion Ratio Lower Upper
 82 100
 128 42.3 40.6 61.0
 54 66.3 38.1 57.1#



#31
 Naphthalene
 Concen: 5.44 ng
 RT: 8.08 min Scan# 524
 Delta R.T. -0.03 min
 Lab File: BF086575.D
 Acq: 1 May 2016 17:28

Tgt Ion: 128 Resp: 168629
 Ion Ratio Lower Upper
 128 100
 129 10.7 8.6 13.0
 127 12.3 10.8 16.2

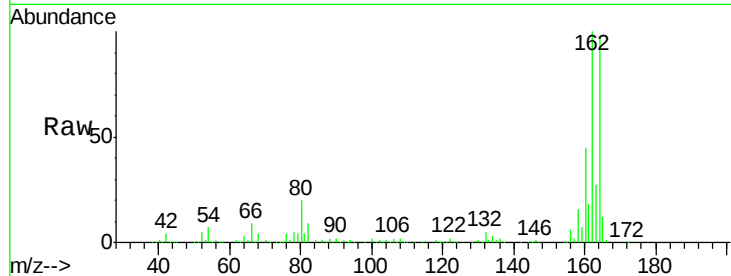




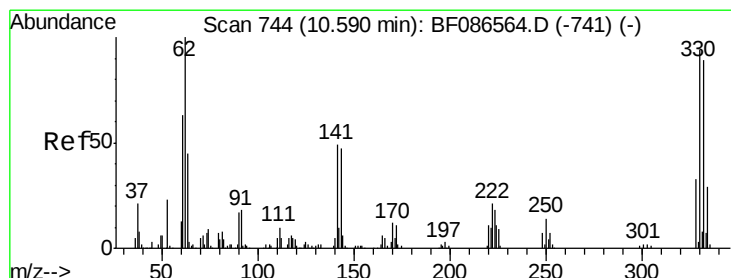
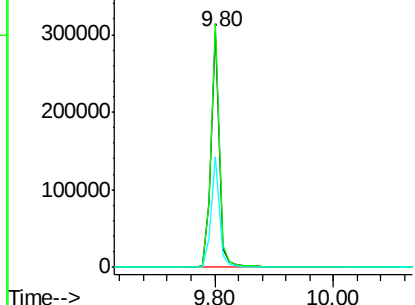
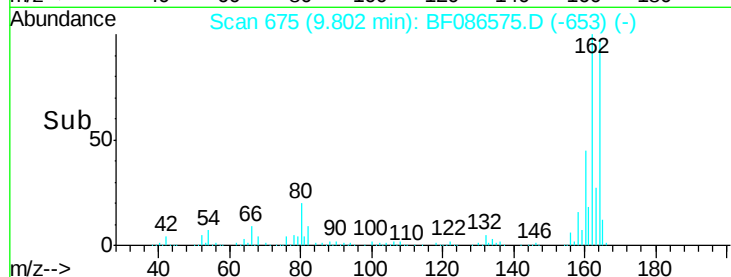
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.05 min
Lab File: BF086575.D
Acq: 1 May 2016 17:28

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-19(0-6FTBGS)

Tgt Ion:164 Resp: 299476
Ion Ratio Lower Upper
164 100
162 103.5 82.8 124.2
160 46.8 36.9 55.3

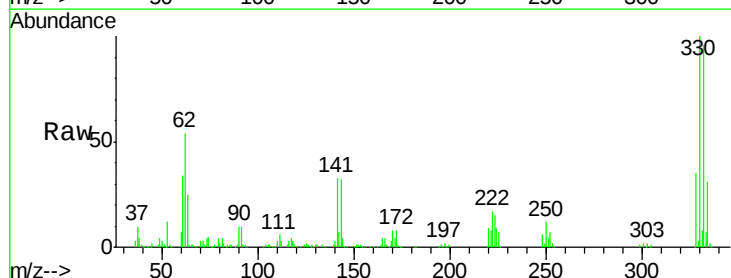


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

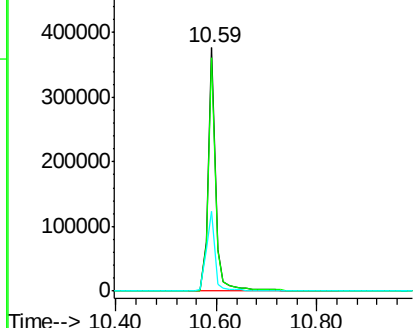
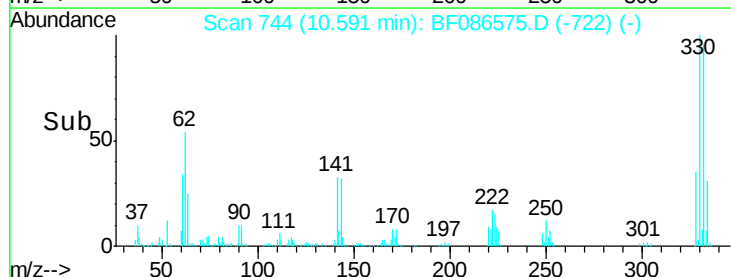


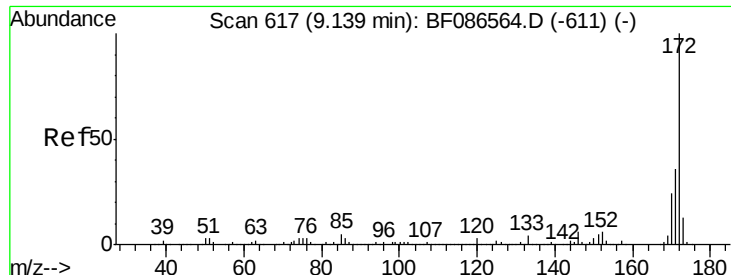
#41
2,4,6-Tribromophenol
Concen: 126.85 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.05 min
Lab File: BF086575.D
Acq: 1 May 2016 17:28

Tgt Ion:330 Resp: 400613
Ion Ratio Lower Upper
330 100
332 96.3 79.0 118.4
141 38.2 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

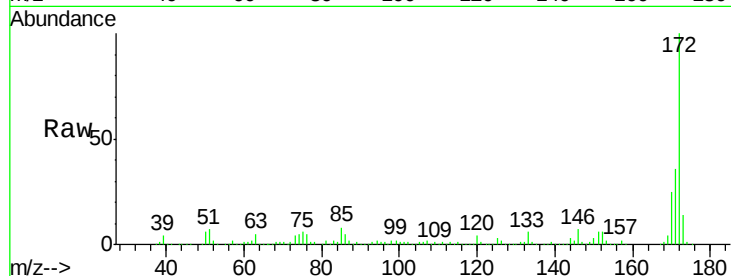




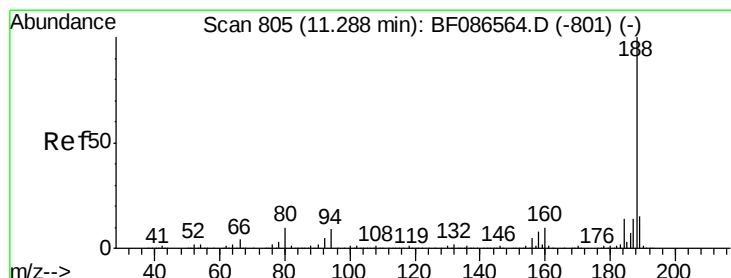
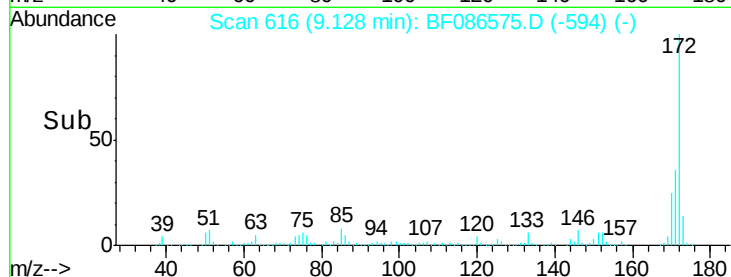
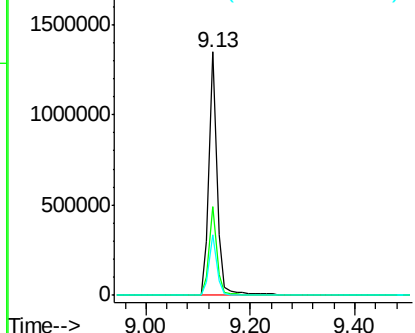
#44
 2-Fluorobiphenyl
 Concen: 88.06 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.05 min
 Lab File: BF086575.D
 Acq: 1 May 2016 17:28

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-19(0-6FTBGS)

Tgt Ion:172 Resp: 1495335
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.0 43.6
 170 24.8 19.8 29.8

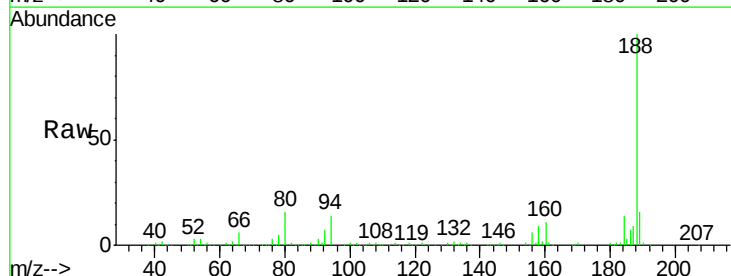


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

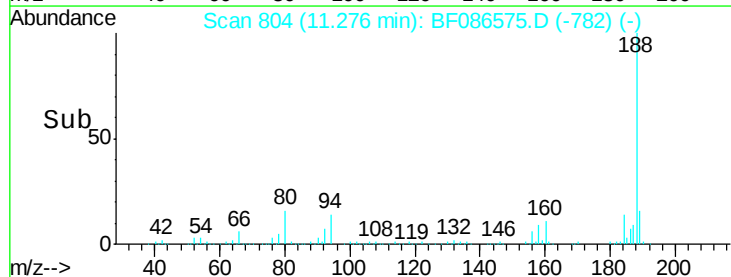
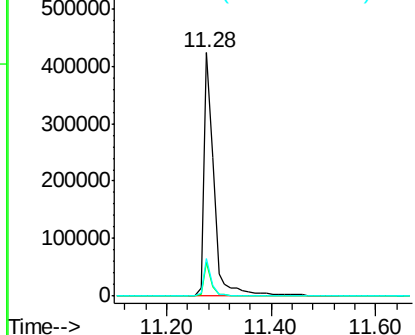


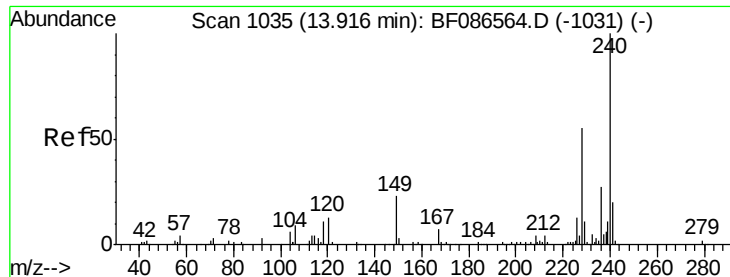
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.05 min
 Lab File: BF086575.D
 Acq: 1 May 2016 17:28

Tgt Ion:188 Resp: 563518
 Ion Ratio Lower Upper
 188 100
 94 14.0 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: BF086575.D

Acq: 1 May 2016 17:28

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-19(0-6FTBGS)

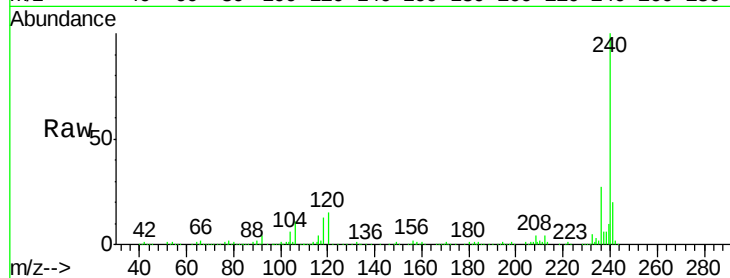
Tgt Ion:240 Resp: 423407

Ion Ratio Lower Upper

240 100

120 15.3 11.2 16.8

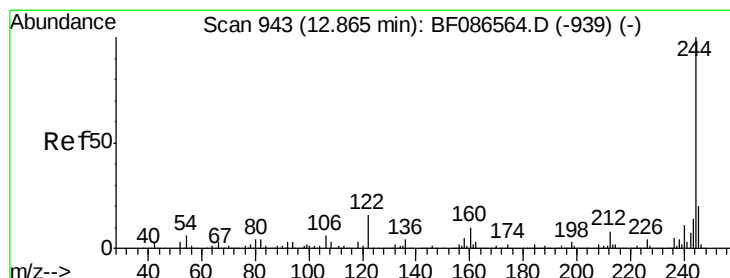
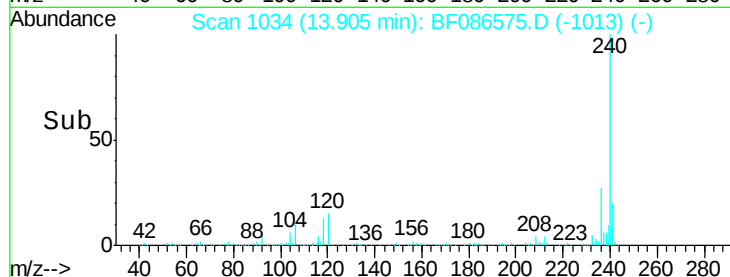
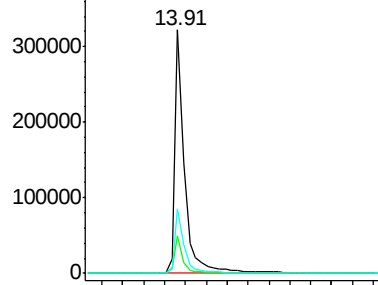
236 26.7 21.2 31.8



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: 81.18 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.05 min

Lab File: BF086575.D

Acq: 1 May 2016 17:28

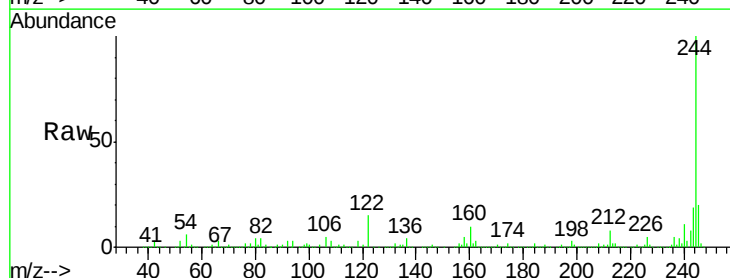
Tgt Ion:244 Resp: 1560205

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

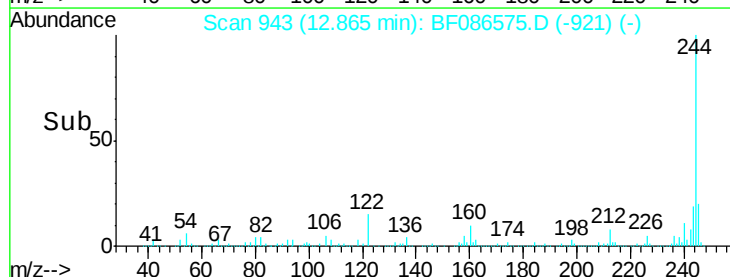
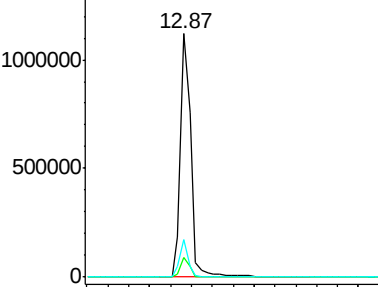
122 15.3 12.0 18.0

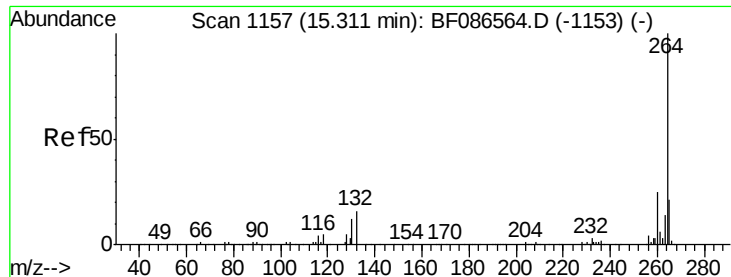


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

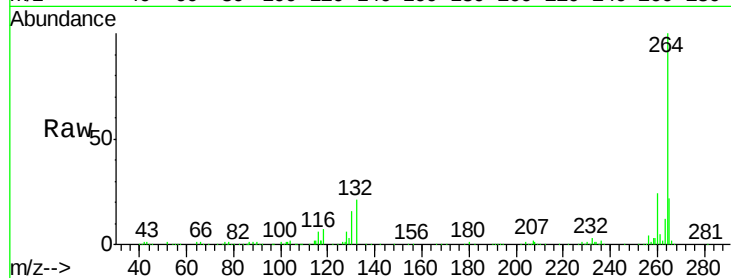




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.06 min
Lab File: BF086575.D
Acq: 1 May 2016 17:28

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-19(0-6FTBGS)

Tgt Ion: 264 Resp: 364451
Ion Ratio Lower Upper
264 100
260 24.3 19.5 29.3
265 22.2 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

