

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050116\
 Data File : BF086573.D
 Acq On : 1 May 2016 16:32
 Operator : UM/SJ
 Sample : H2683-09
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-16(6-12FTBGS)

Quant Time: May 02 04:18:37 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

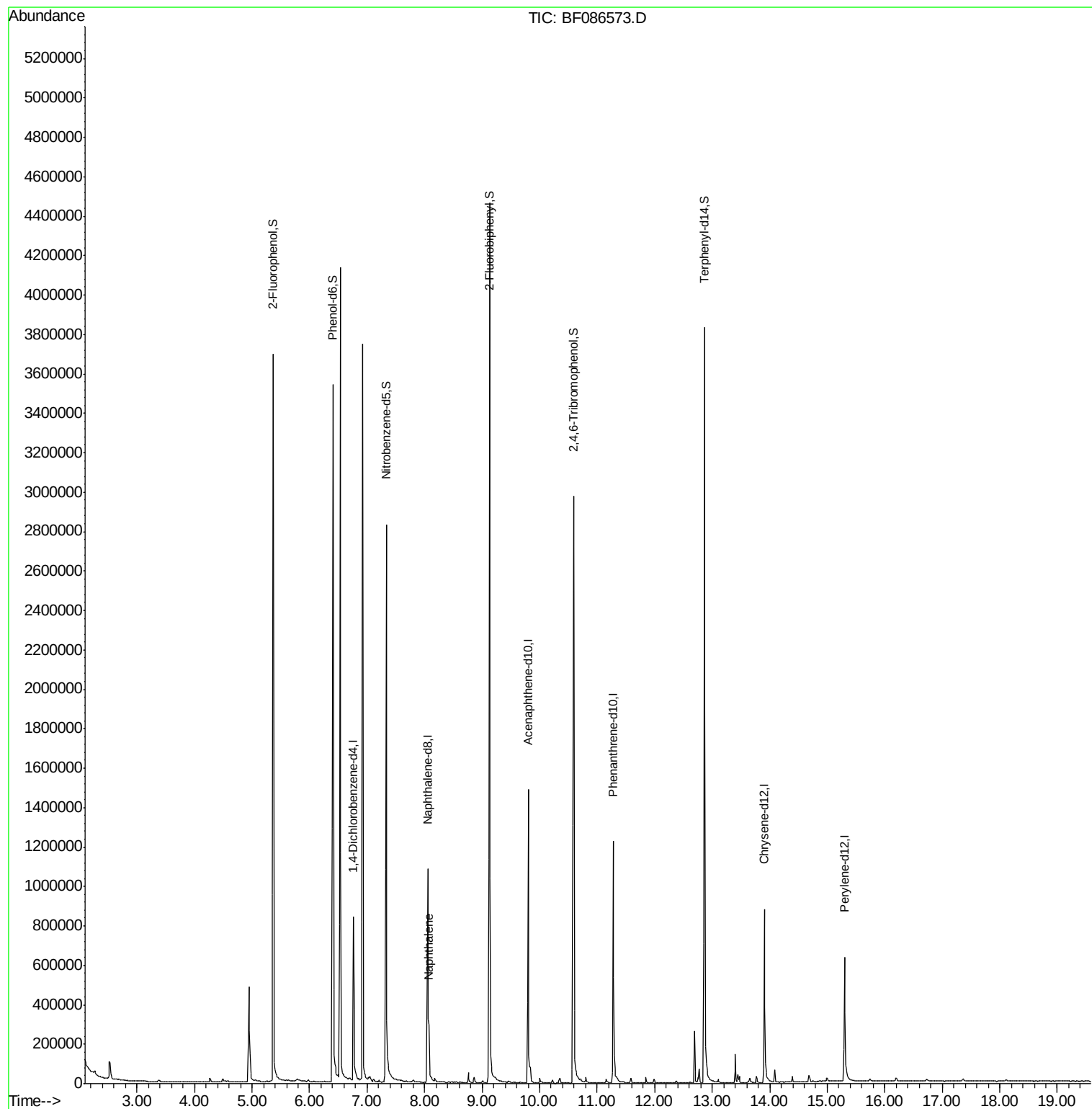
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	141467	20.00	ng	-0.05
21) Naphthalene-d8	8.05	136	605431	20.00	ng	-0.05
38) Acenaphthene-d10	9.80	164	300689	20.00	ng	-0.05
63) Phenanthrene-d10	11.28	188	569753	20.00	ng	-0.05
75) Chrysene-d12	13.91	240	398674	20.00	ng	-0.06
86) Perylene-d12	15.30	264	353530	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1018551	124.19	ng	-0.02
7) Phenol-d6	6.41	99	1265885	110.59	ng	-0.03
23) Nitrobenzene-d5	7.33	82	1039457	92.54	ng	-0.05
41) 2,4,6-Tribromophenol	10.59	330	402449	126.92	ng	-0.05
44) 2-Fluorobiphenyl	9.13	172	1570721	93.33	ng	-0.05
78) Terphenyl-d14	12.86	244	1536981	84.94	ng	-0.05
Target Compounds						
31) Naphthalene	8.08	128	188829	6.13	ng	Qvalue 99

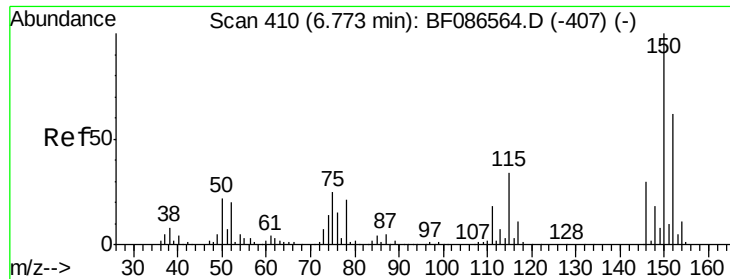
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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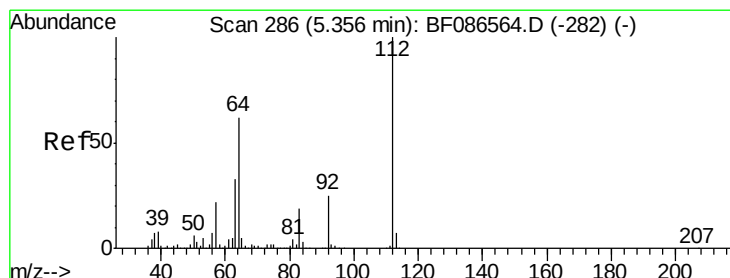
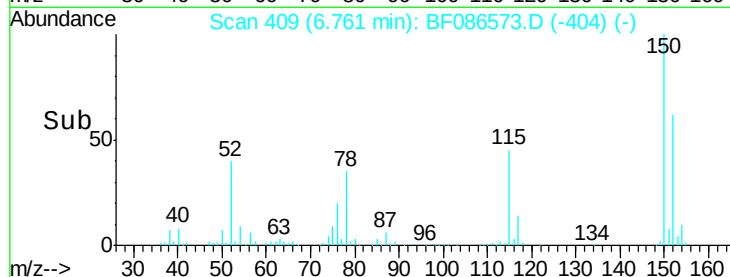
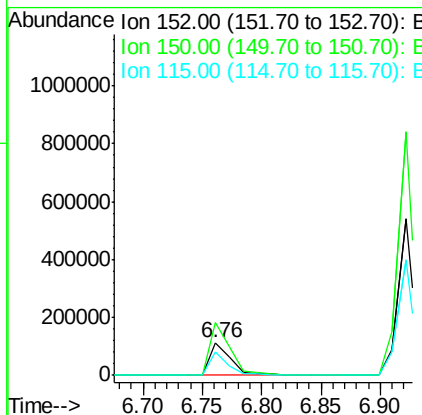
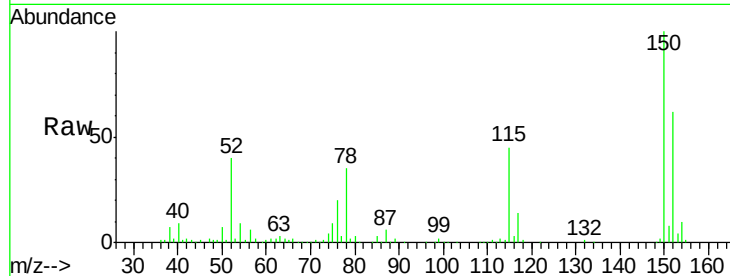


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.05 min
Lab File: BF086573.D
Acq: 1 May 2016 16:32

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-16(6-12FTBGS)

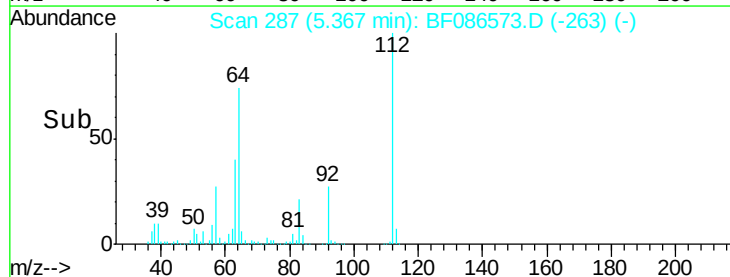
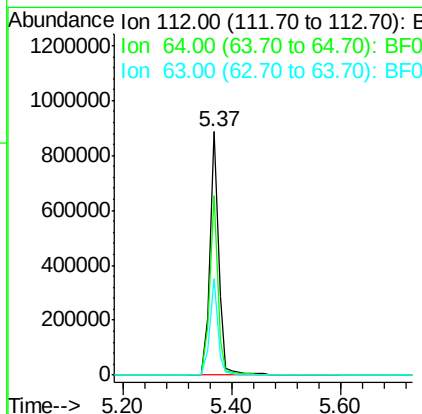
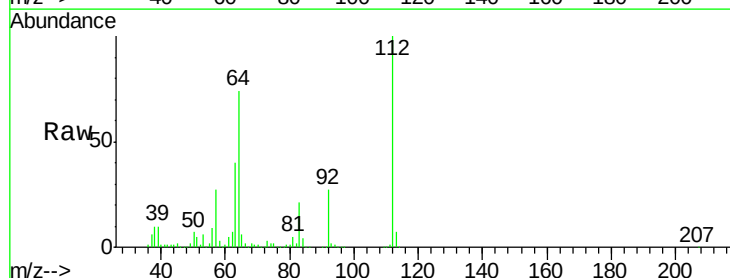
Tgt Ion:152 Resp: 141467
Ion Ratio Lower Upper
152 100
150 161.4 125.8 188.6
115 71.9 51.5 77.3

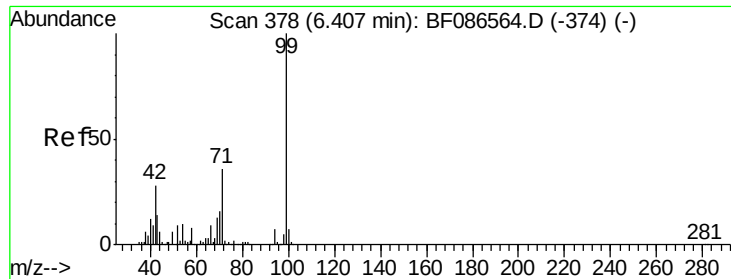


#5

2-Fluorophenol
Concen: 124.19 ng
RT: 5.37 min Scan# 287
Delta R.T. -0.02 min
Lab File: BF086573.D
Acq: 1 May 2016 16:32

Tgt Ion:112 Resp: 1018551
Ion Ratio Lower Upper
112 100
64 73.5 52.1 78.1
63 39.6 25.7 38.5#





#7

Phenol-d6

Concen: 110.59 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF086573.D

Acq: 1 May 2016 16:32

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-16(6-12FTBGS)

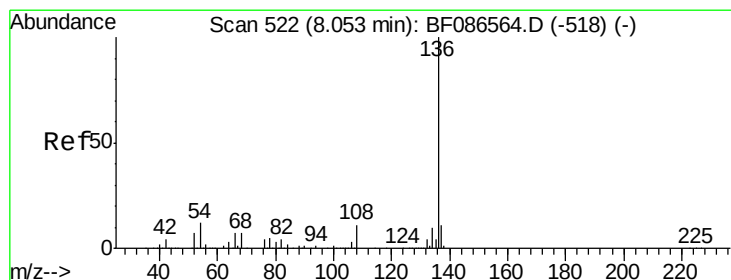
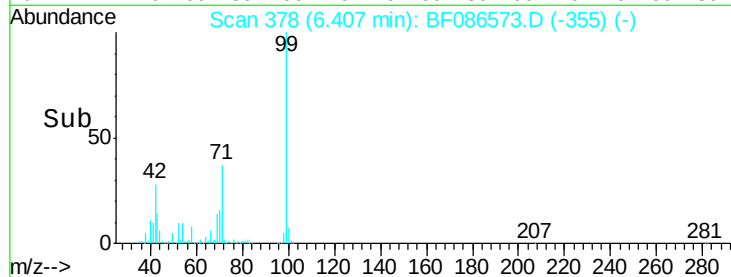
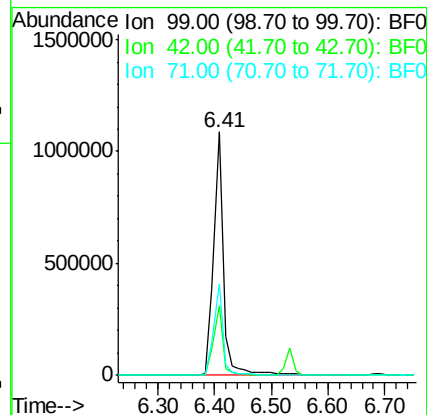
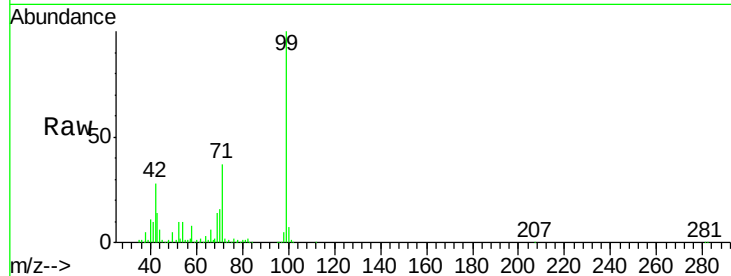
Tgt Ion: 99 Resp: 1265885

Ion Ratio Lower Upper

99 100

42 28.4 13.6 20.4#

71 37.4 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: BF086573.D

Acq: 1 May 2016 16:32

Tgt Ion: 136 Resp: 605431

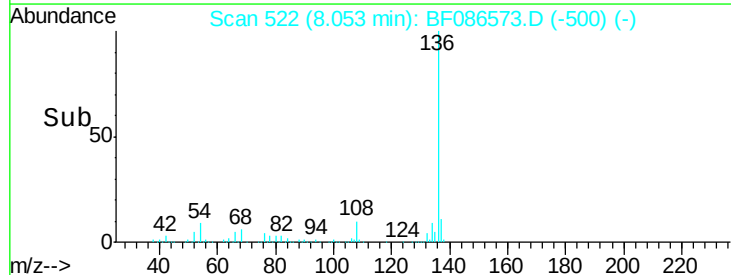
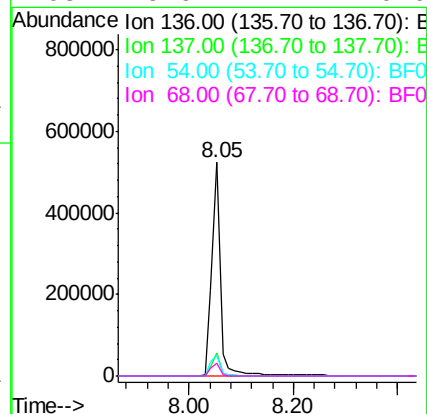
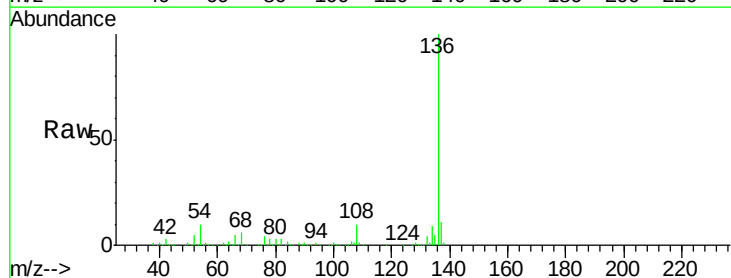
Ion Ratio Lower Upper

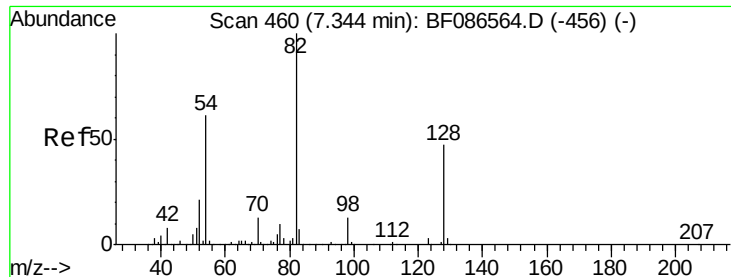
136 100

137 10.9 8.8 13.2

54 9.6 5.0 7.4#

68 5.9 4.4 6.6

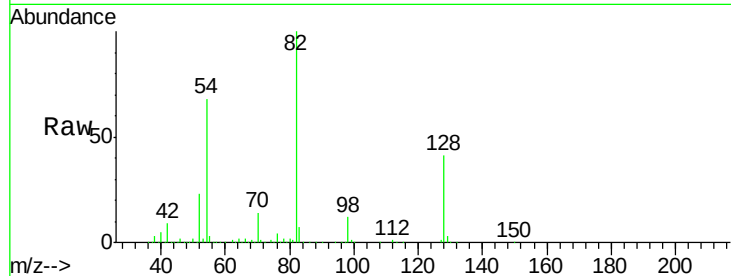




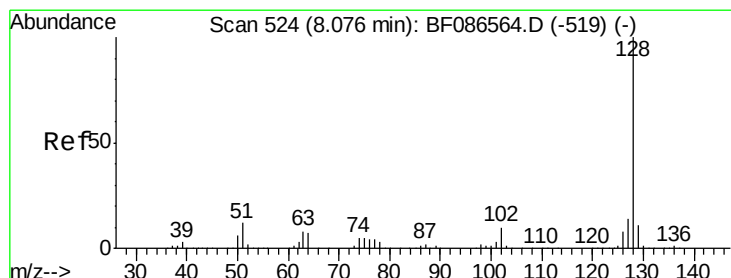
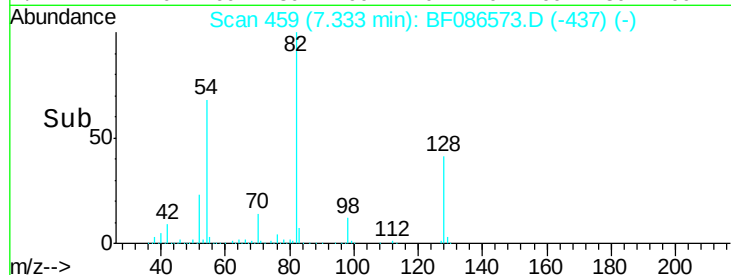
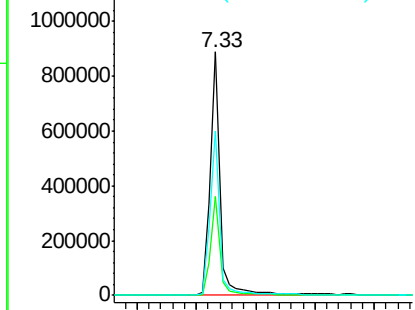
#23
 Nitrobenzene-d5
 Concen: 92.54 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.05 min
 Lab File: BF086573.D
 Acq: 1 May 2016 16:32

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-16(6-12FTBGS)

Tgt Ion: 82 Resp: 1039457
 Ion Ratio Lower Upper
 82 100
 128 40.8 40.6 61.0
 54 67.7 38.1 57.1#

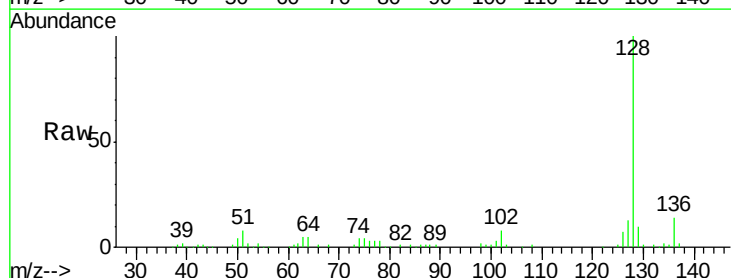


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

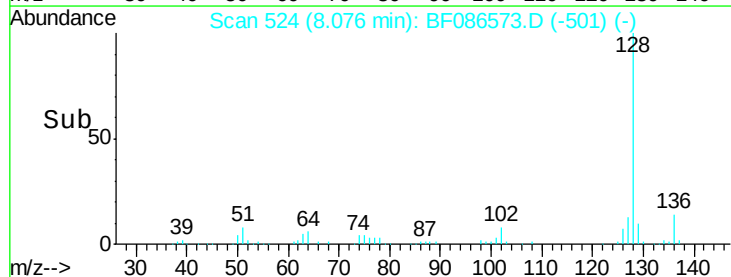
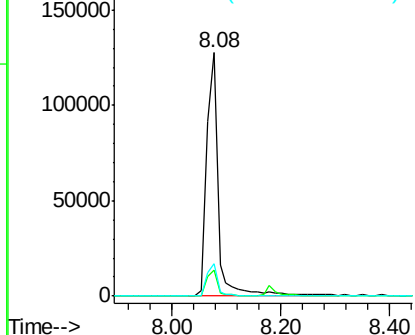


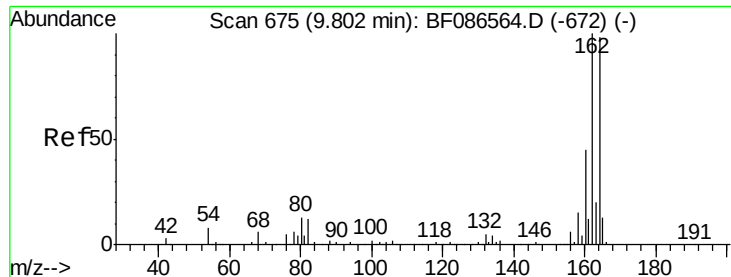
#31
 Naphthalene
 Concen: 6.13 ng
 RT: 8.08 min Scan# 524
 Delta R.T. -0.03 min
 Lab File: BF086573.D
 Acq: 1 May 2016 16:32

Tgt Ion: 128 Resp: 188829
 Ion Ratio Lower Upper
 128 100
 129 10.4 8.6 13.0
 127 13.3 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E

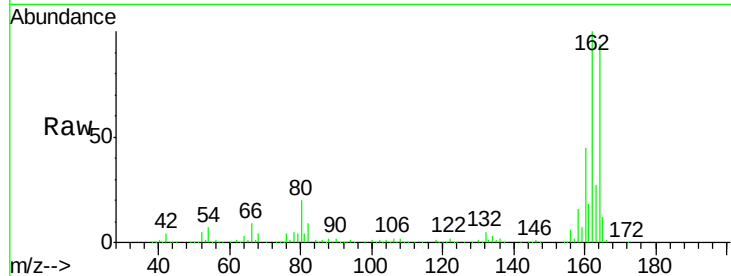




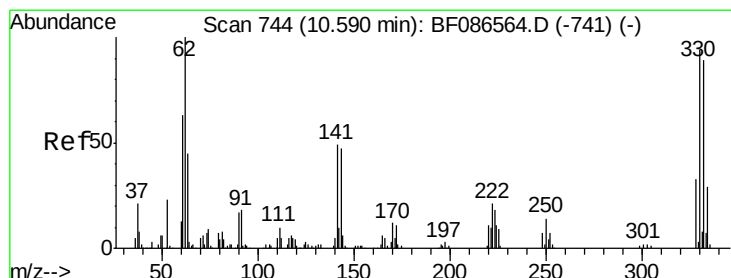
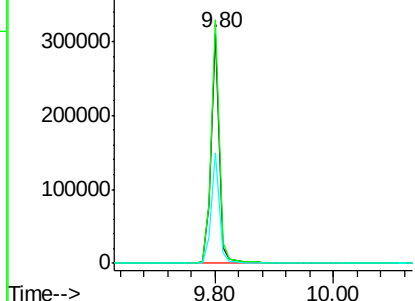
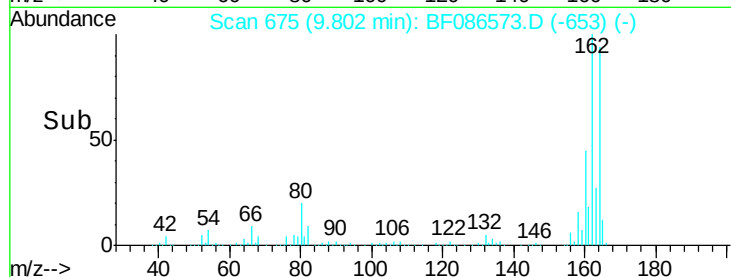
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.05 min
 Lab File: BF086573.D
 Acq: 1 May 2016 16:32

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-16(6-12FTBGS)

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.8	82.8	124.2
160	47.9	36.9	55.3

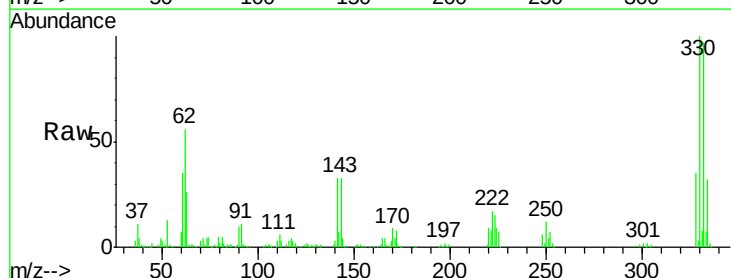


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

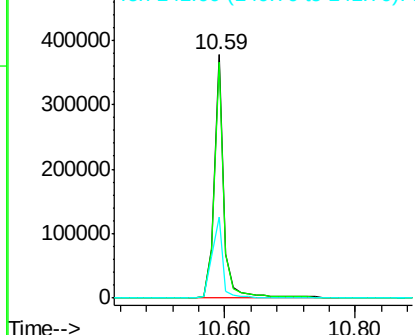
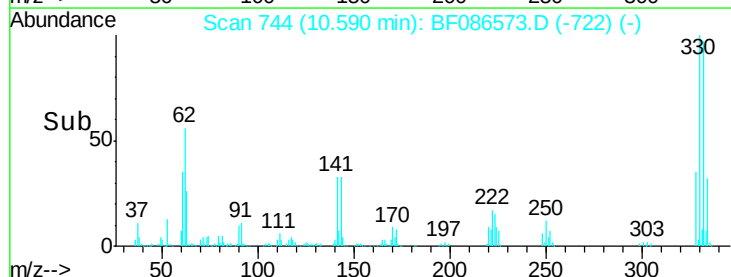


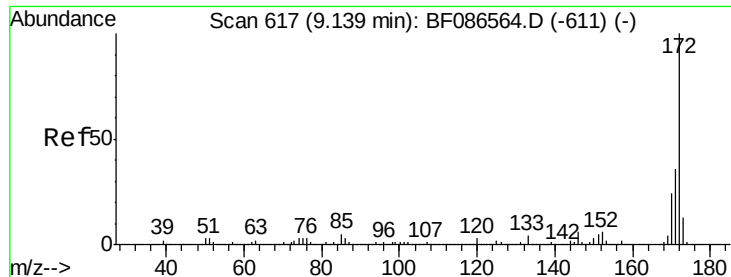
#41
 2,4,6-Tribromophenol
 Concen: 126.92 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.05 min
 Lab File: BF086573.D
 Acq: 1 May 2016 16:32

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.0	79.0	118.4
141	38.0	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

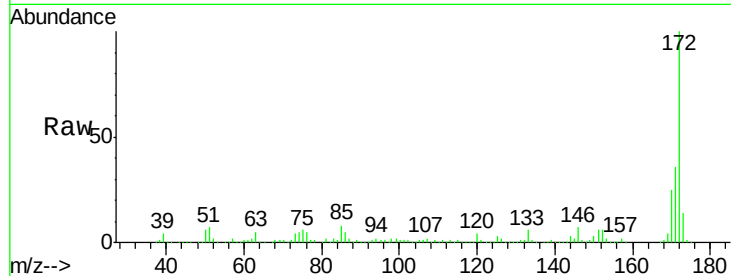




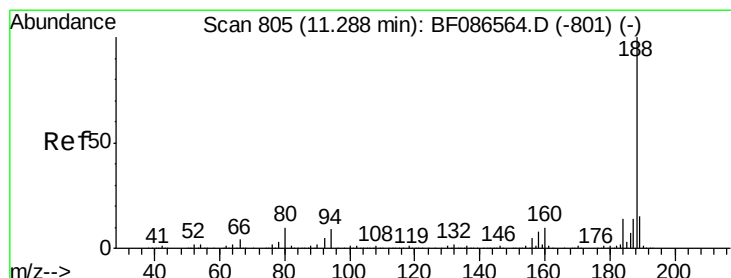
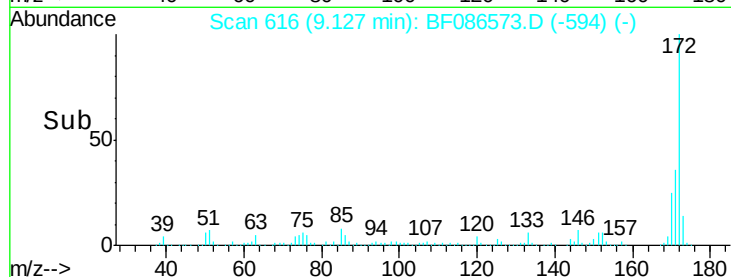
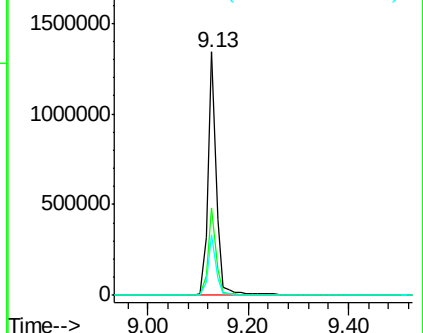
#44
 2-Fluorobiphenyl
 Concen: 93.33 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.05 min
 Lab File: BF086573.D
 Acq: 1 May 2016 16:32

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-16(6-12FTBGS)

Tgt Ion:172 Resp: 1570721
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.0 43.6
 170 24.6 19.8 29.8

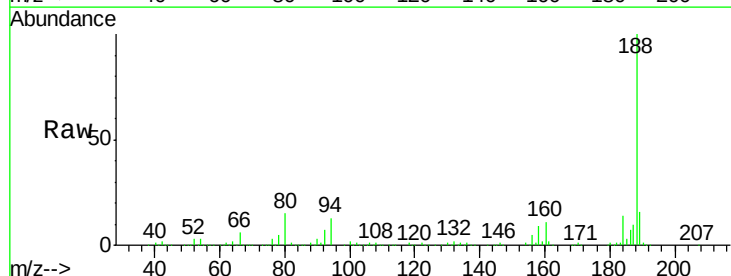


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

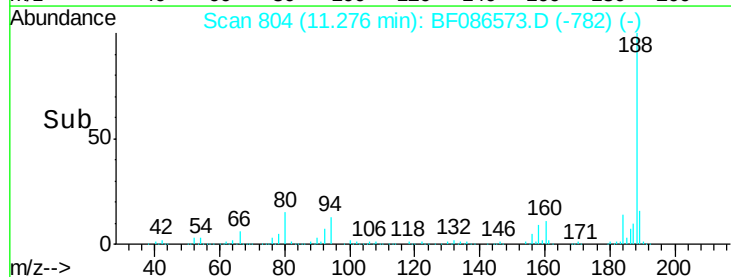
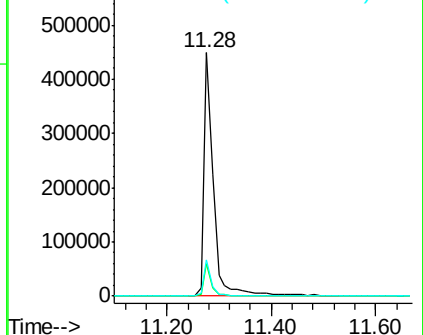


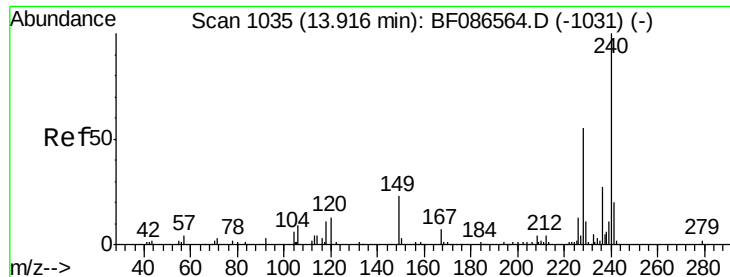
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.05 min
 Lab File: BF086573.D
 Acq: 1 May 2016 16:32

Tgt Ion:188 Resp: 569753
 Ion Ratio Lower Upper
 188 100
 94 13.4 6.8 10.2#
 80 14.8 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: BF086573.D

Acq: 1 May 2016 16:32

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-16(6-12FTBGS)

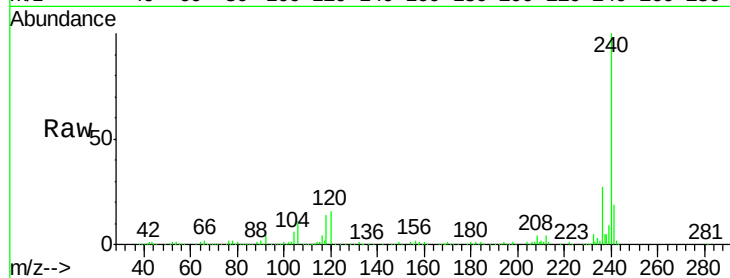
Tgt Ion:240 Resp: 398674

Ion Ratio Lower Upper

240 100

120 15.9 11.2 16.8

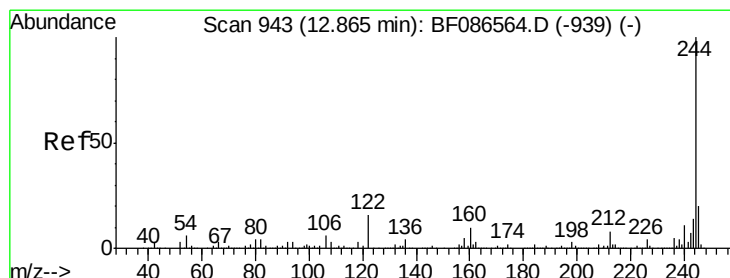
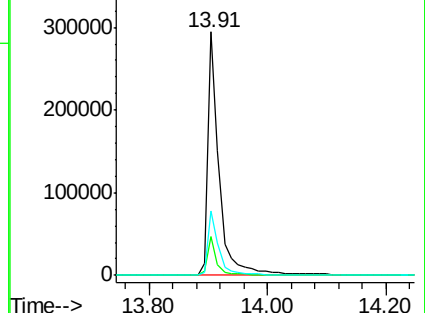
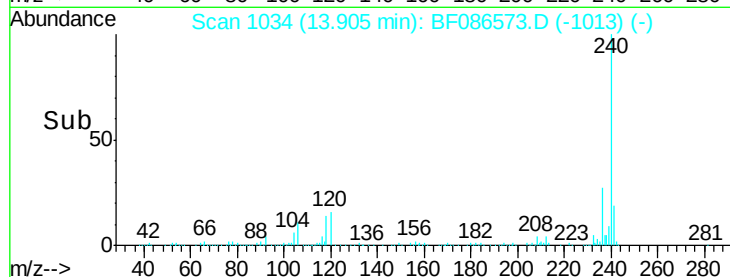
236 26.5 21.2 31.8



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: 84.94 ng

RT: 12.86 min Scan# 943

Delta R.T. -0.05 min

Lab File: BF086573.D

Acq: 1 May 2016 16:32

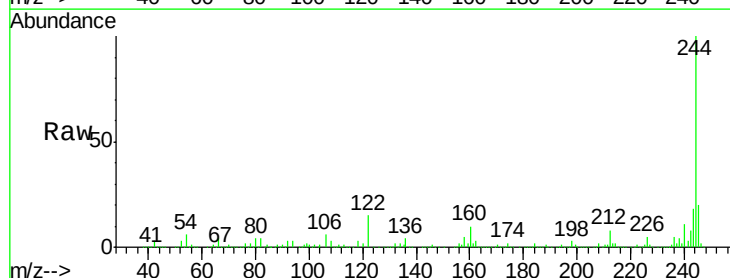
Tgt Ion:244 Resp: 1536981

Ion Ratio Lower Upper

244 100

212 8.3 6.2 9.2

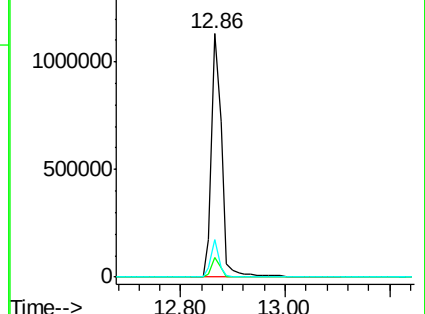
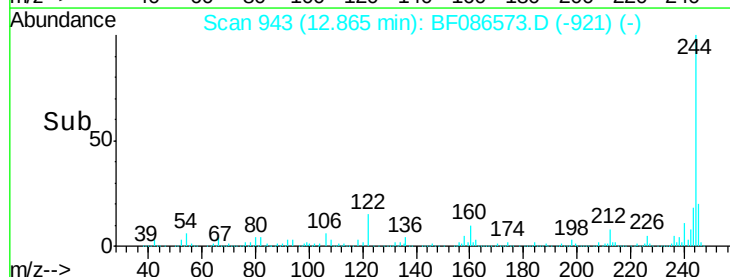
122 15.4 12.0 18.0

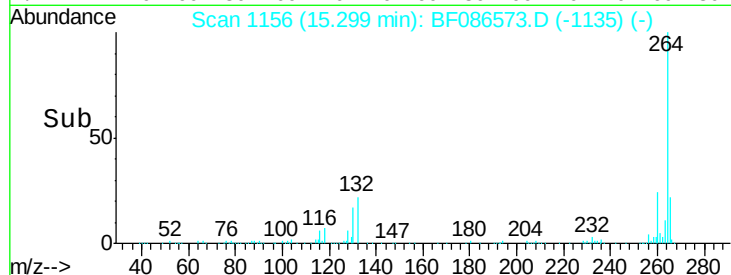
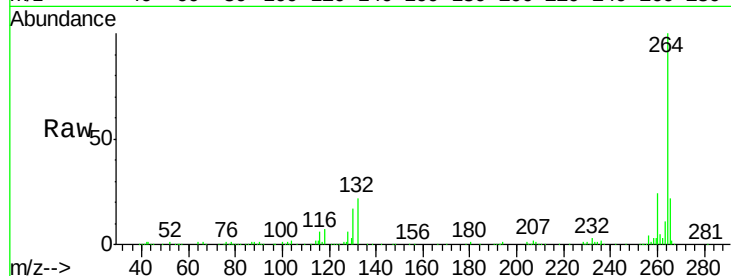
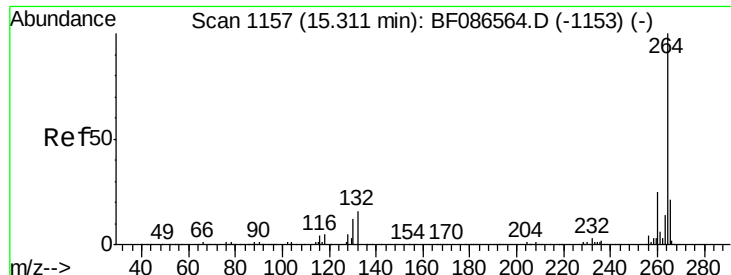


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF086573.D
Acq: 1 May 2016 16:32

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-16(6-12FTBGS)

Tgt Ion:	264	Resp:	353530
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.8	17.3	25.9

