

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050116\
 Data File : BF086598.D
 Acq On : 2 May 2016 5:08
 Operator : UM/SJ
 Sample : H2686-02
 Misc :
 ALS Vial : 81 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-10(6-12FTBGS)

Quant Time: May 02 05:35:43 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 02 04:16:52 2016
 Response via : Initial Calibration

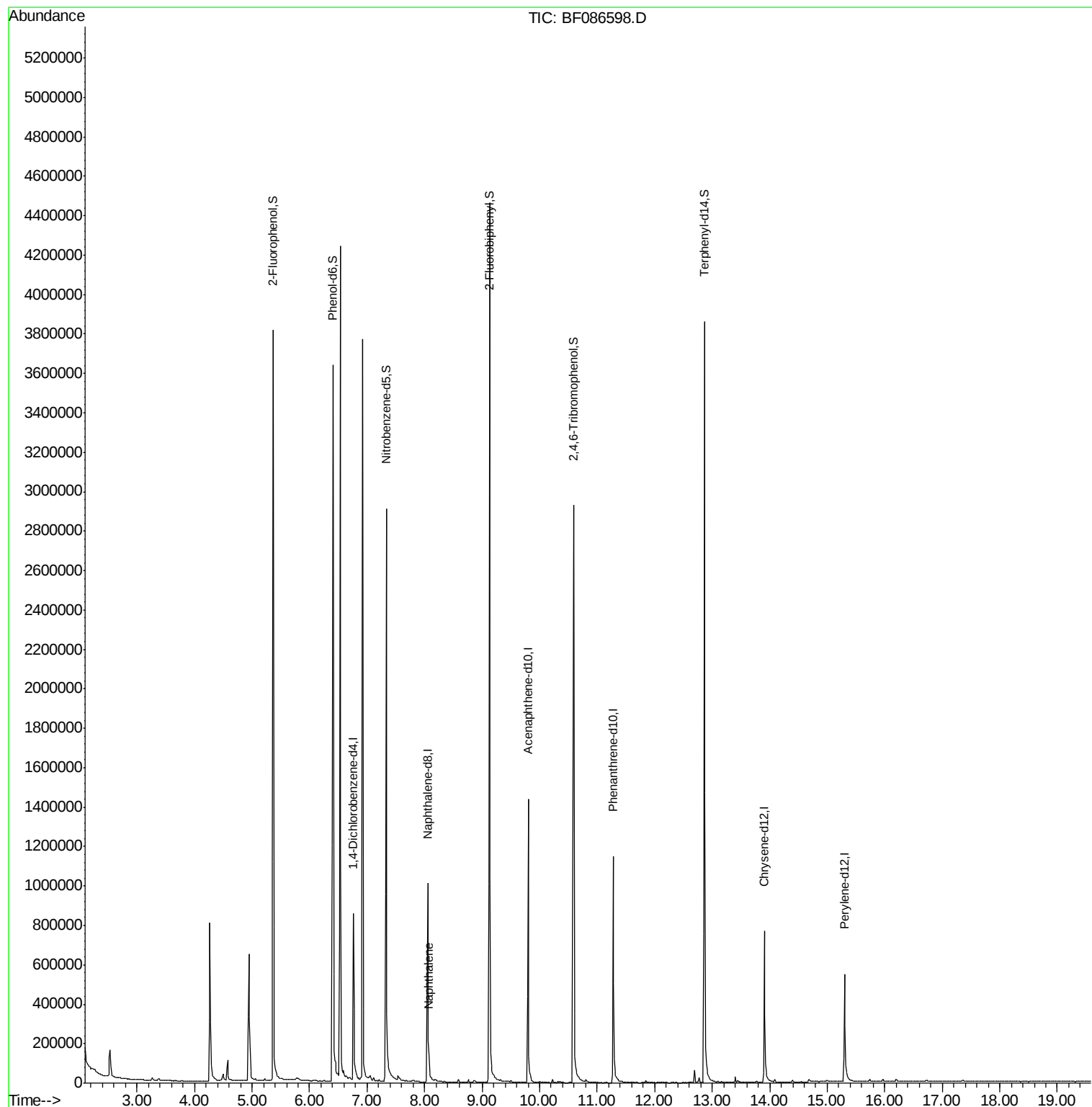
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	142167	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	611190	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	305549	20.00	ng	0.00
63) Phenanthrene-d10	11.28	188	548016	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	365971	20.00	ng	-0.01
86) Perylene-d12	15.30	264	286825	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1042748	126.51	ng	0.01
7) Phenol-d6	6.41	99	1285636	111.76	ng	0.00
23) Nitrobenzene-d5	7.33	82	1040571	91.77	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	400591	124.32	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1551633	89.99	ng	-0.01
78) Terphenyl-d14	12.86	244	1436335	86.47	ng	0.00
Target Compounds						
31) Naphthalene	8.08	128	80165	2.58	ng	Qvalue 99

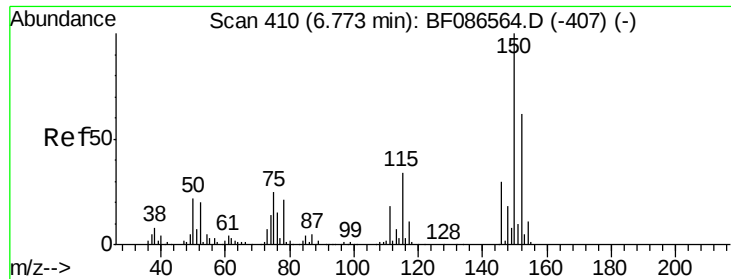
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF086598.D

Acq: 2 May 2016 5:08

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-10(6-12FTBGS)

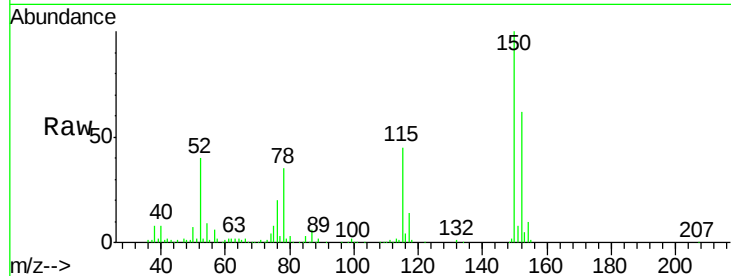
Tgt Ion:152 Resp: 142167

Ion Ratio Lower Upper

152 100

150 160.7 125.8 188.6

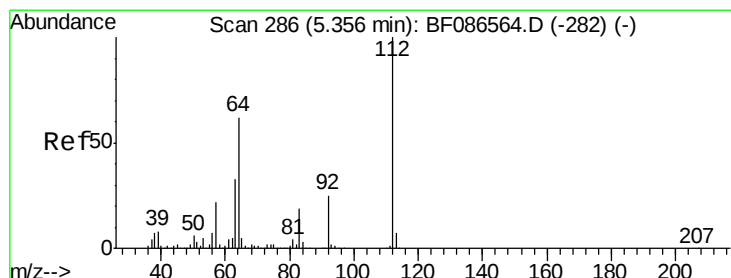
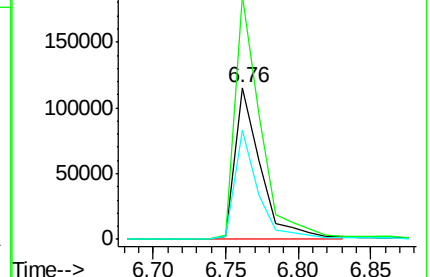
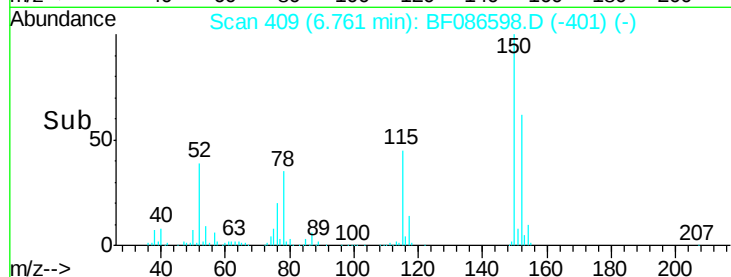
115 71.9 51.5 77.3



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: 126.51 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.01 min

Lab File: BF086598.D

Acq: 2 May 2016 5:08

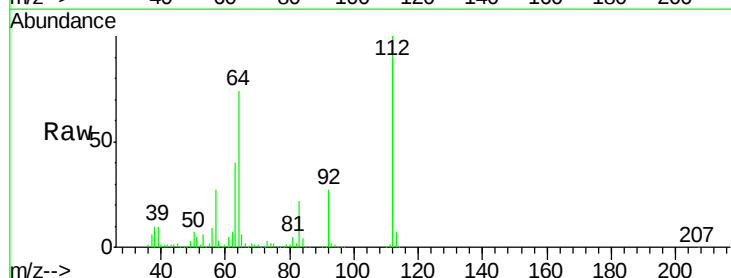
Tgt Ion:112 Resp: 1042748

Ion Ratio Lower Upper

112 100

64 73.6 52.1 78.1

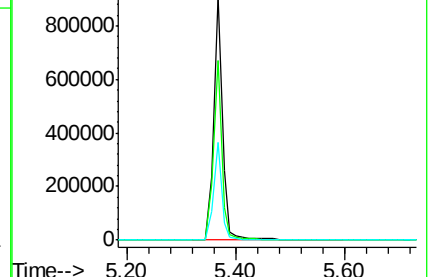
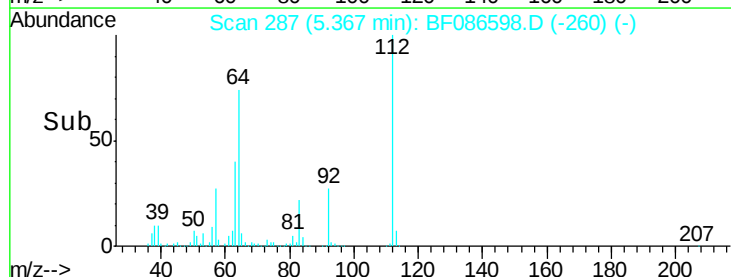
63 39.9 25.7 38.5#

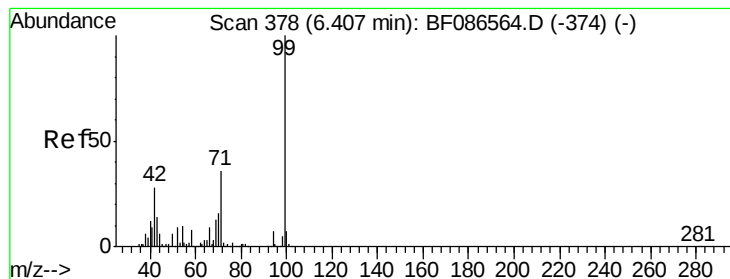


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 111.76 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF086598.D

Acq: 2 May 2016 5:08

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-10(6-12FTBGS)

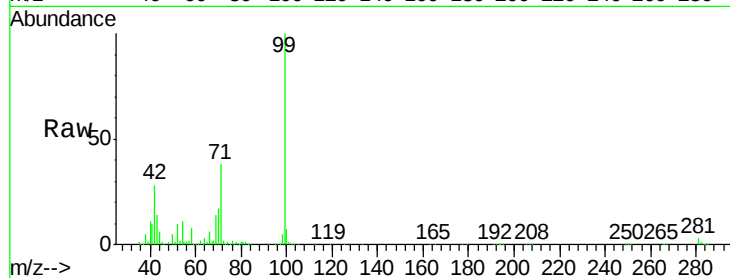
Tgt Ion: 99 Resp: 1285636

Ion Ratio Lower Upper

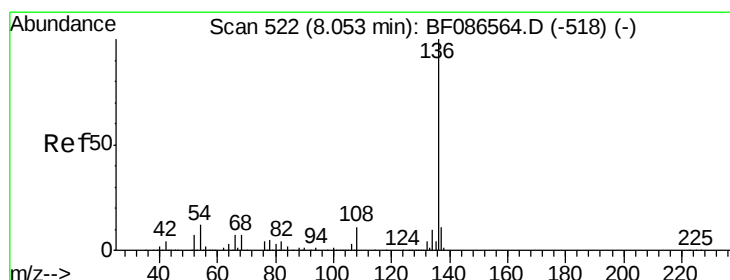
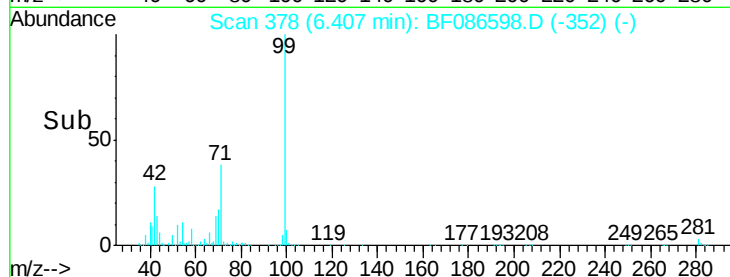
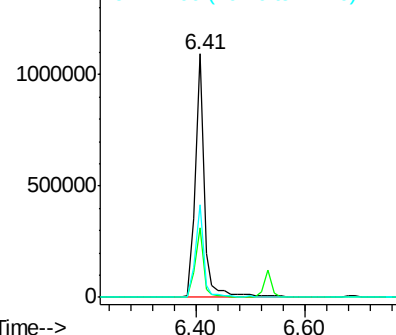
99 100

42 28.4 13.6 20.4#

71 38.0 24.6 36.8#



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.00 min

Lab File: BF086598.D

Acq: 2 May 2016 5:08

Tgt Ion: 136 Resp: 611190

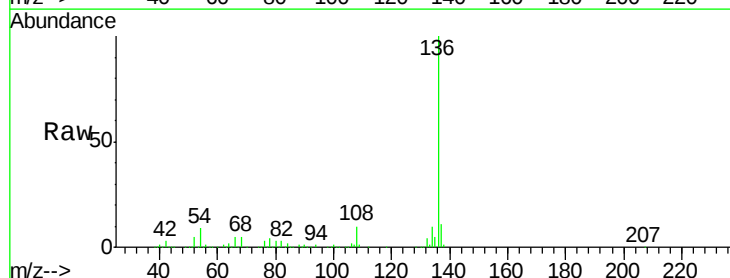
Ion Ratio Lower Upper

136 100

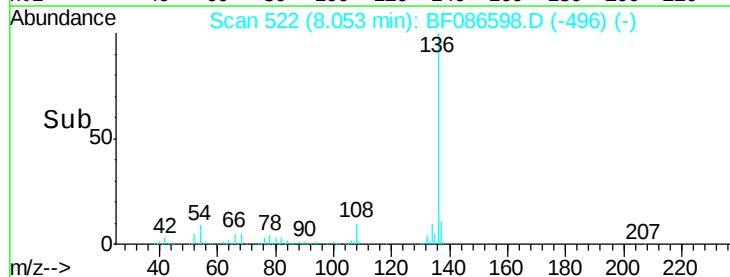
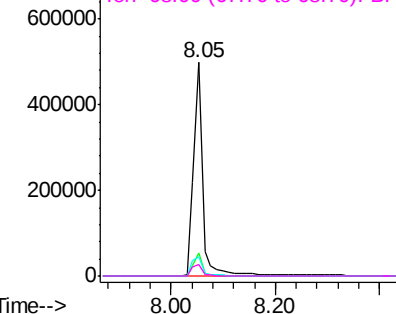
137 10.6 8.8 13.2

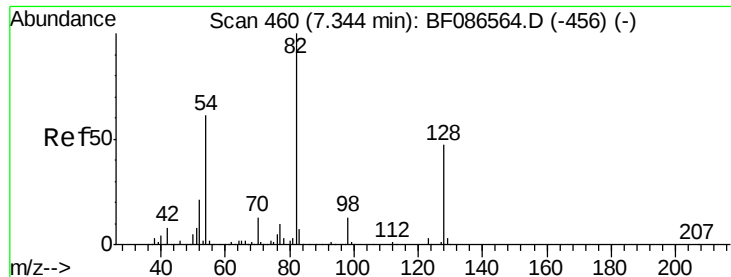
54 8.8 5.0 7.4#

68 5.4 4.4 6.6



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

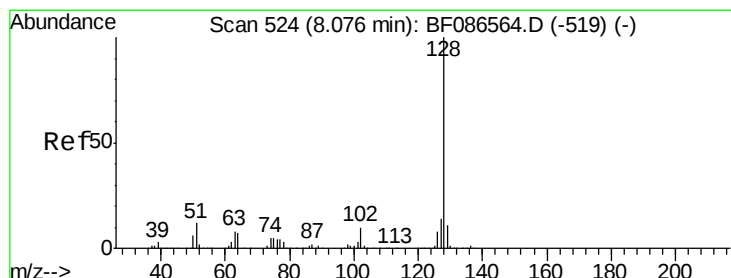
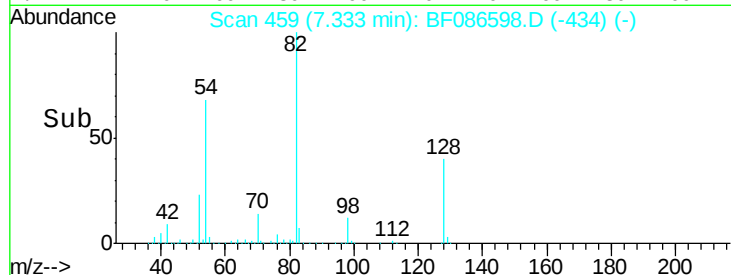
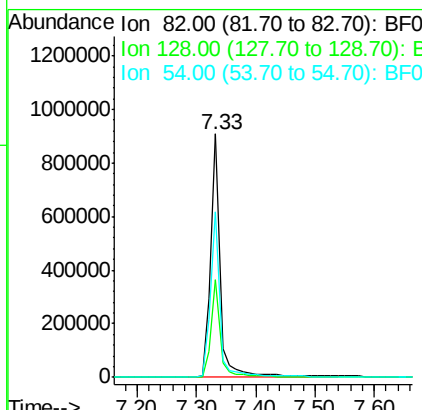
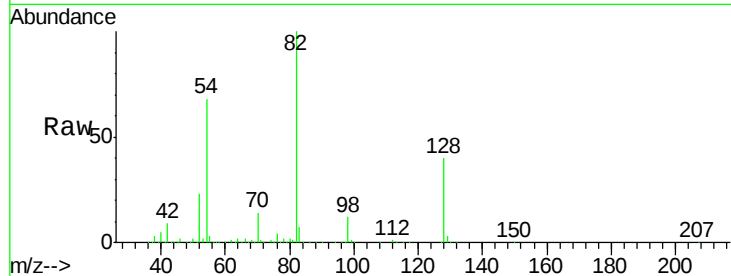




#23
 Nitrobenzene-d5
 Concen: 91.77 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF086598.D
 Acq: 2 May 2016 5:08

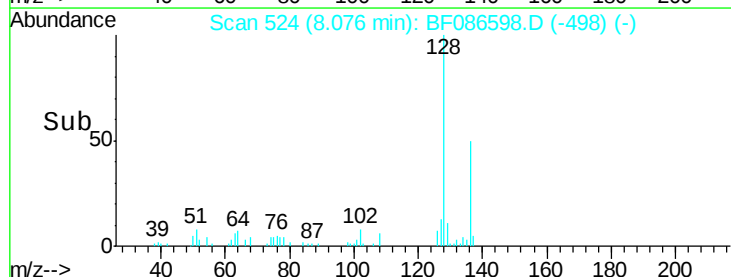
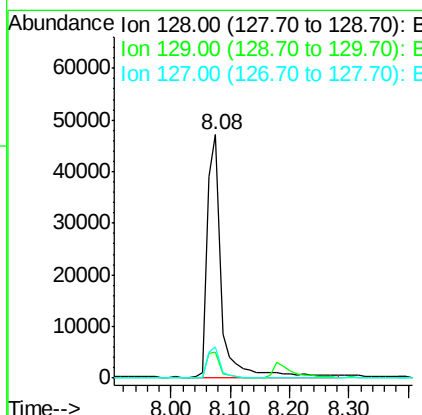
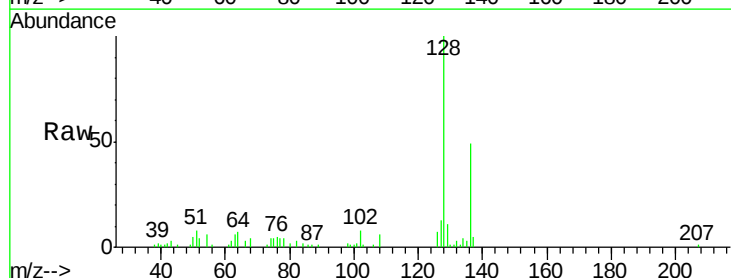
Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-10(6-12FTBGS)

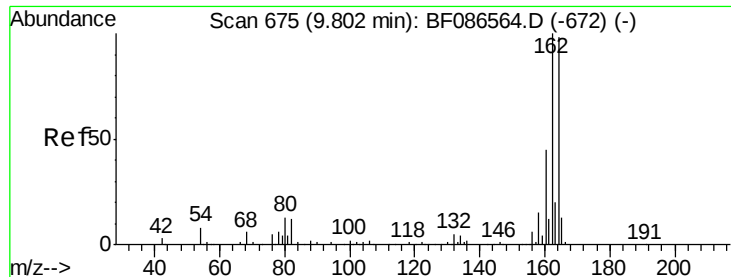
Tgt Ion: 82 Resp: 1040571
 Ion Ratio Lower Upper
 82 100
 128 40.3 40.6 61.0#
 54 68.0 38.1 57.1#



#31
 Naphthalene
 Concen: 2.58 ng
 RT: 8.08 min Scan# 524
 Delta R.T. -0.00 min
 Lab File: BF086598.D
 Acq: 2 May 2016 5:08

Tgt Ion: 128 Resp: 80165
 Ion Ratio Lower Upper
 128 100
 129 10.9 8.6 13.0
 127 13.1 10.8 16.2

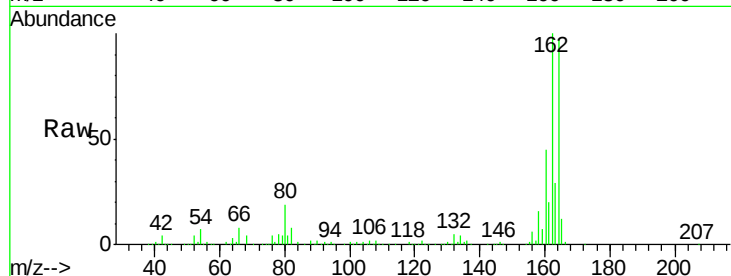




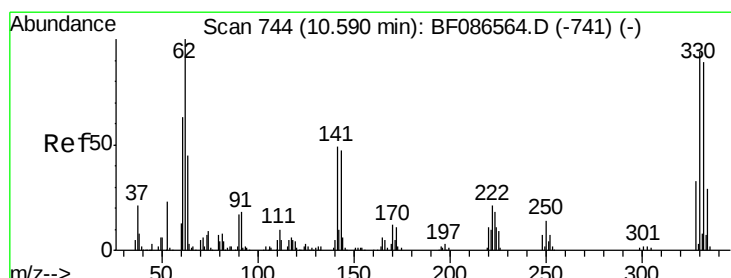
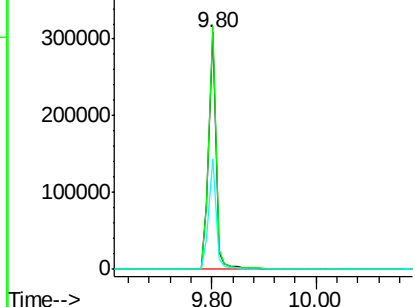
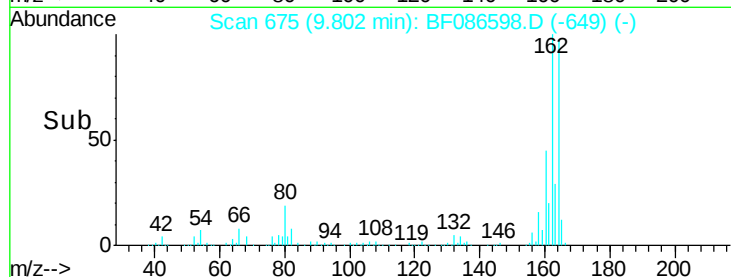
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF086598.D
Acq: 2 May 2016 5:08

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-10(6-12FTBGS)

Tgt Ion:164 Resp: 305549
Ion Ratio Lower Upper
164 100
162 102.7 82.8 124.2
160 46.5 36.9 55.3

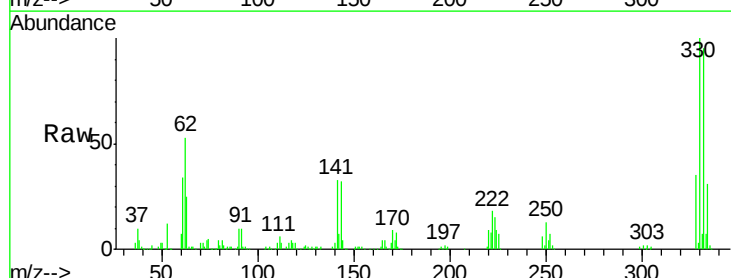


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

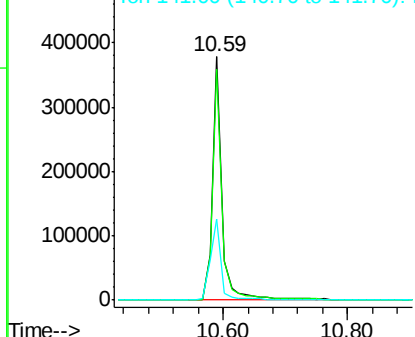
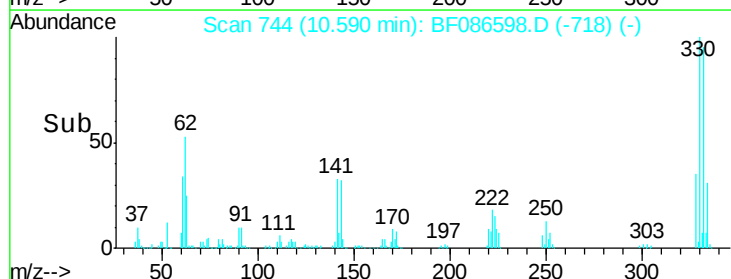


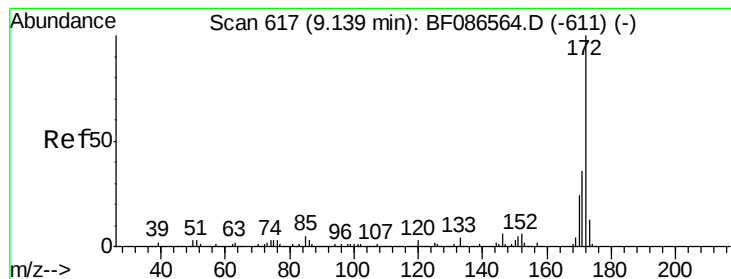
#41
2,4,6-Tribromophenol
Concen: 124.32 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF086598.D
Acq: 2 May 2016 5:08

Tgt Ion:330 Resp: 400591
Ion Ratio Lower Upper
330 100
332 94.9 79.0 118.4
141 38.7 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

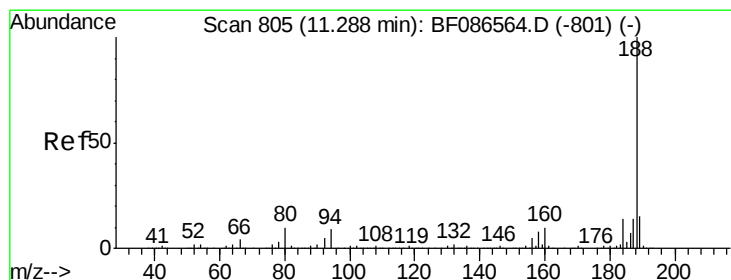
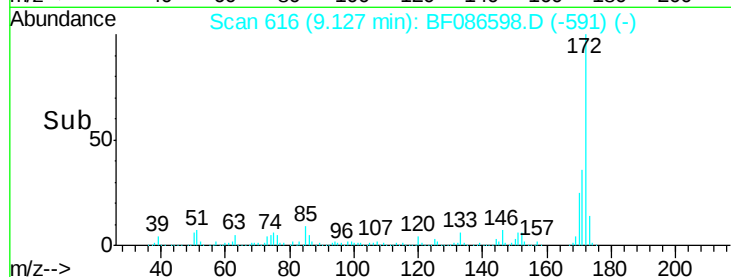
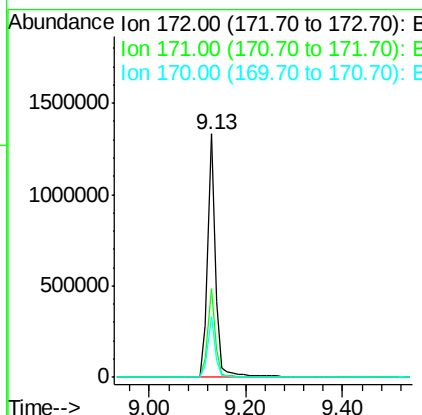
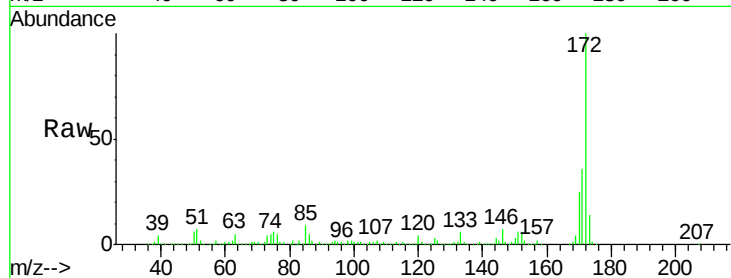




#44
 2-Fluorobiphenyl
 Concen: 89.99 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF086598.D
 Acq: 2 May 2016 5:08

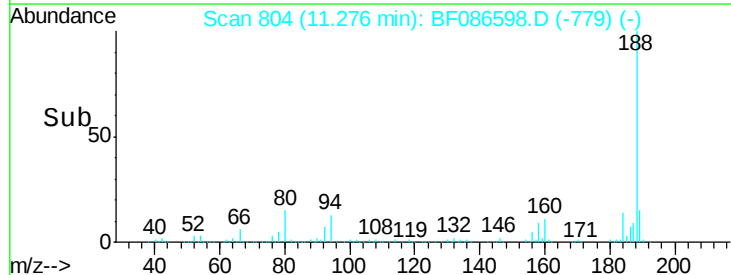
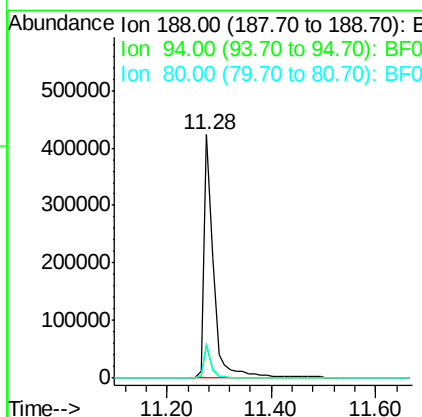
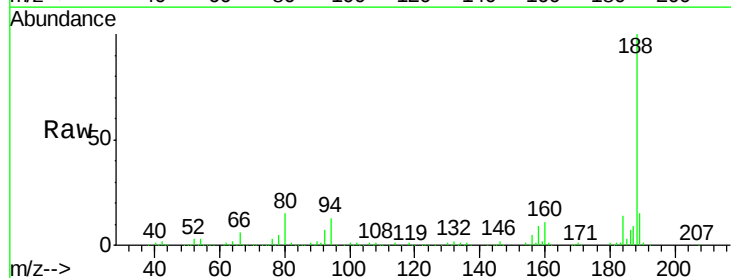
Instrument :
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 26WARD-2A-CS-10(6-12FTBGS)

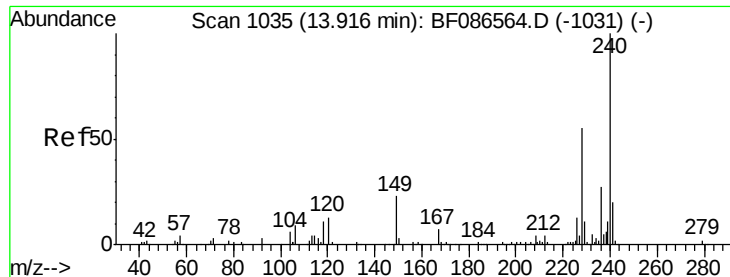
Tgt Ion:172 Resp: 1551633
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.0 43.6
 170 25.1 19.8 29.8



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF086598.D
 Acq: 2 May 2016 5:08

Tgt Ion:188 Resp: 548016
 Ion Ratio Lower Upper
 188 100
 94 13.3 6.8 10.2#
 80 14.5 7.1 10.7#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF086598.D

Acq: 2 May 2016 5:08

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-10(6-12FTBGS)

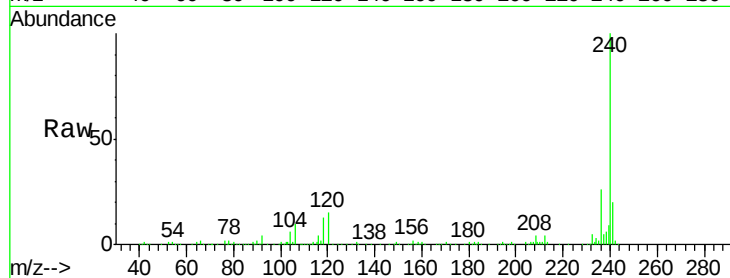
Tgt Ion:240 Resp: 365971

Ion Ratio Lower Upper

240 100

120 15.3 11.2 16.8

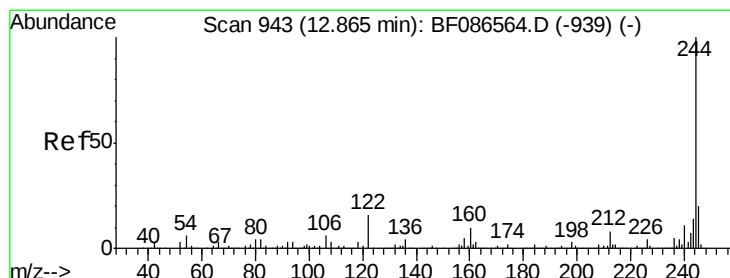
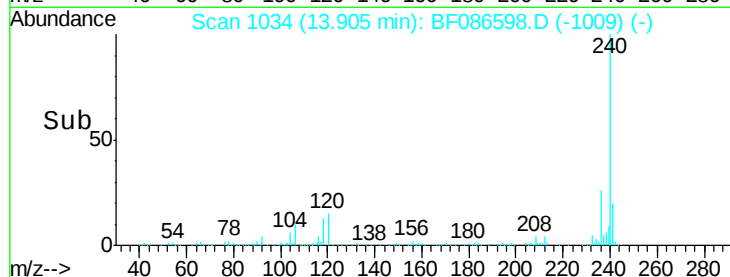
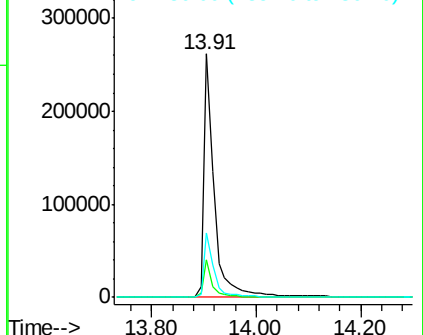
236 26.4 21.2 31.8



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: 86.47 ng

RT: 12.86 min Scan# 943

Delta R.T. -0.00 min

Lab File: BF086598.D

Acq: 2 May 2016 5:08

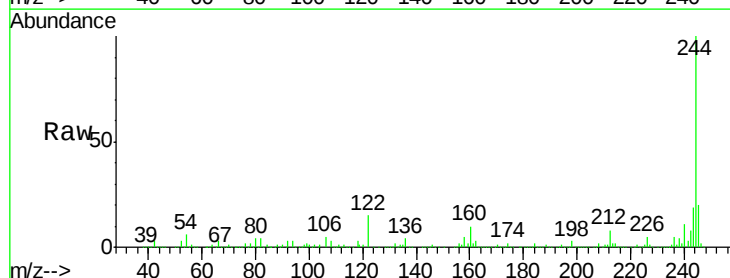
Tgt Ion:244 Resp: 1436335

Ion Ratio Lower Upper

244 100

212 8.3 6.2 9.2

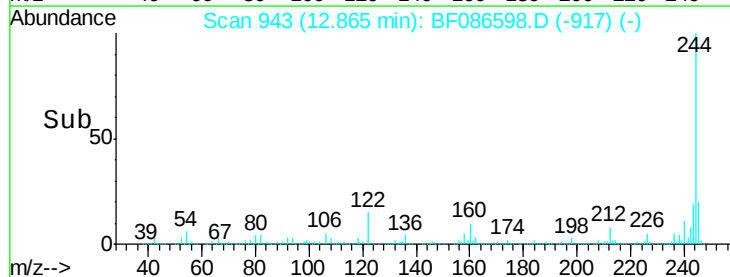
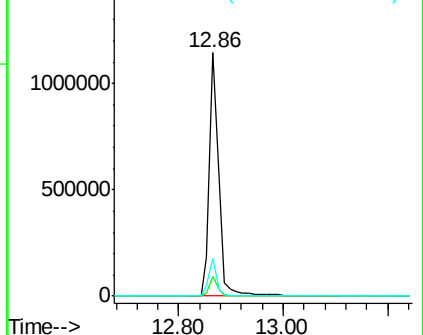
122 15.2 12.0 18.0

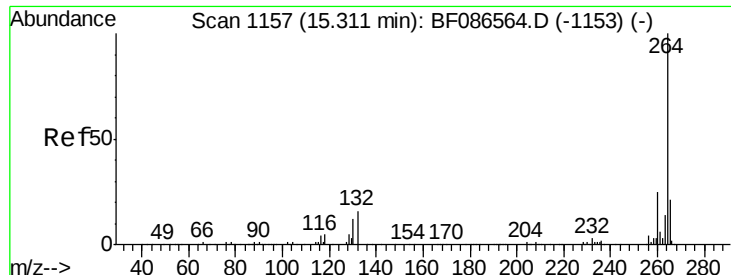


Abundance Ion 244.00 (243.70 to 244.70): E

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. -0.01 min
Lab File: BF086598.D
Acq: 2 May 2016 5:08

Instrument :
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Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.3	17.3	25.9

