

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050116\
 Data File : BF086607.D
 Acq On : 2 May 2016 9:20
 Operator : UM/SJ
 Sample : H2686-11
 Misc :
 ALS Vial : 90 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2B-CS-5(10-20FTBGS)

Quant Time: May 02 18:41:24 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

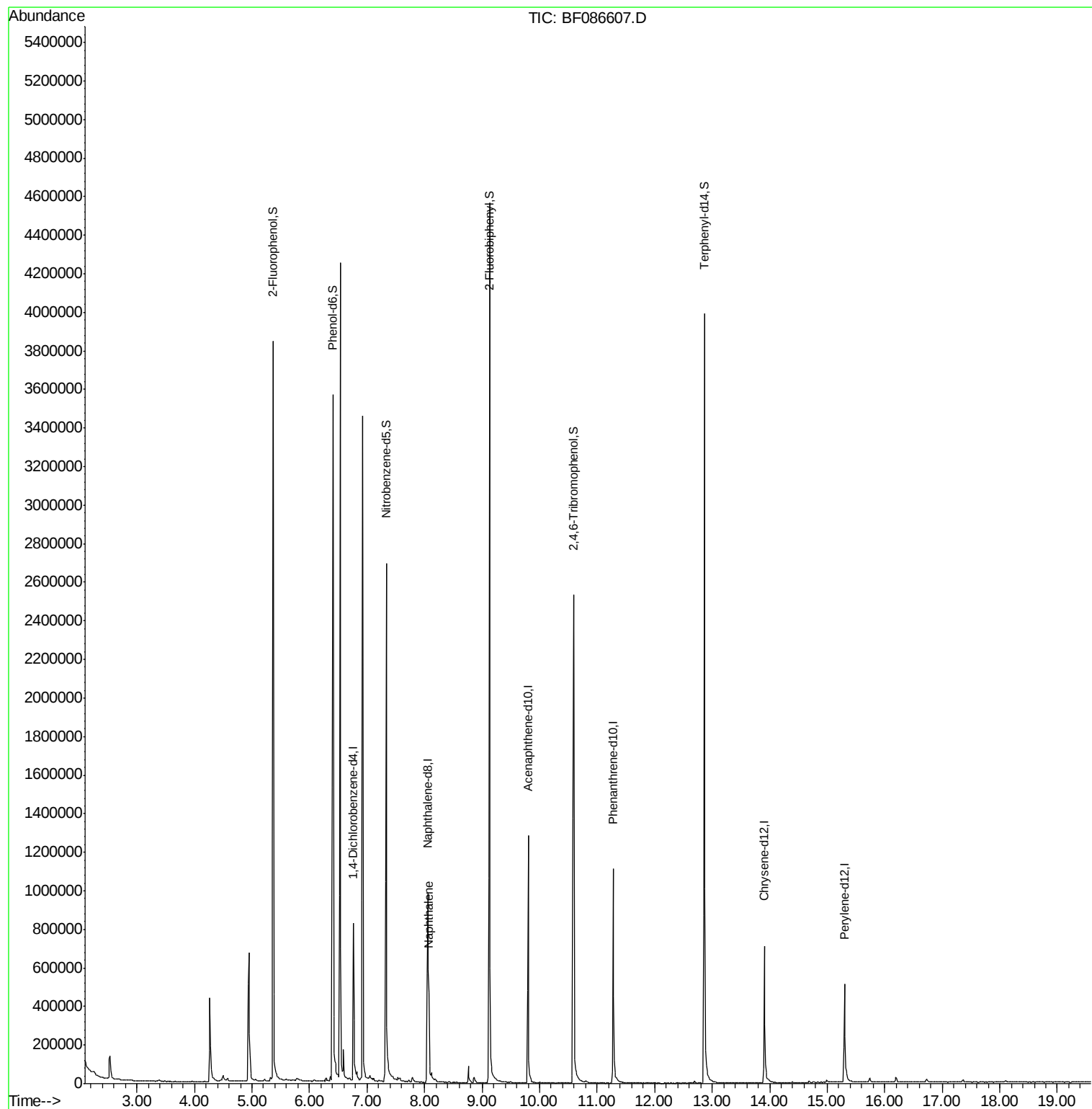
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	139415	20.00	ng	-0.05
21) Naphthalene-d8	8.05	136	579539	20.00	ng	-0.05
38) Acenaphthene-d10	9.80	164	286210	20.00	ng	-0.05
63) Phenanthrene-d10	11.28	188	529269	20.00	ng	-0.05
75) Chrysene-d12	13.91	240	351665	20.00	ng	-0.06
86) Perylene-d12	15.30	264	292455	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	998827	123.58	ng	-0.02
7) Phenol-d6	6.41	99	1311089	116.22	ng	-0.03
23) Nitrobenzene-d5	7.33	82	998040	92.82	ng	-0.05
41) 2,4,6-Tribromophenol	10.59	330	378870	125.53	ng	-0.05
44) 2-Fluorobiphenyl	9.13	172	1459548	90.48	ng	-0.05
78) Terphenyl-d14	12.87	244	1385859	86.82	ng	-0.05
Target Compounds						
31) Naphthalene	8.08	128	365337	12.39	ng	Qvalue 98

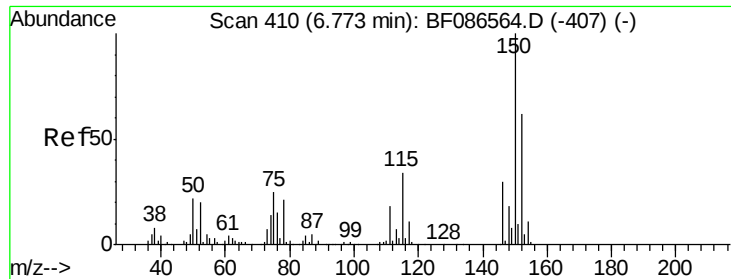
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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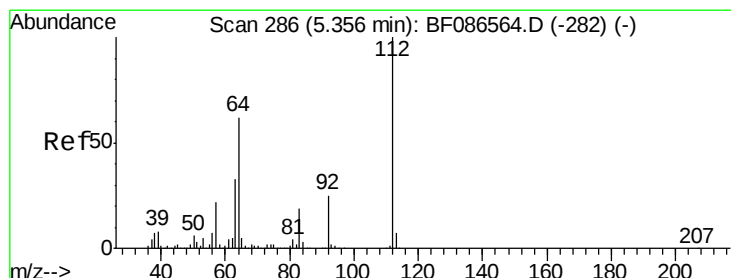
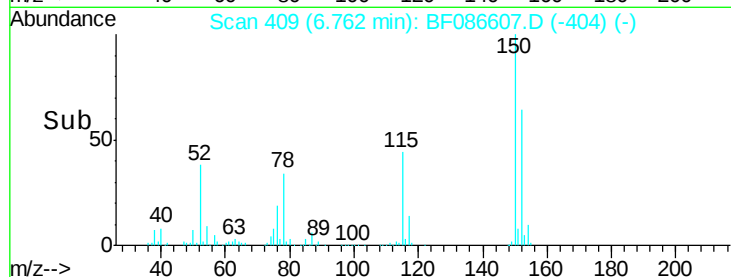
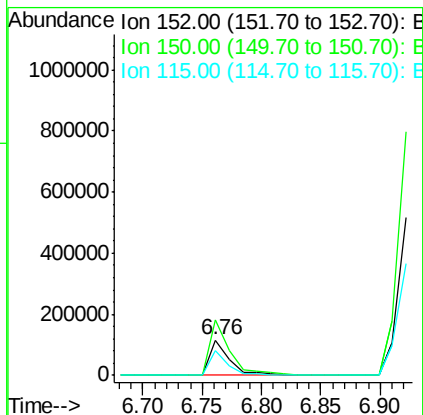
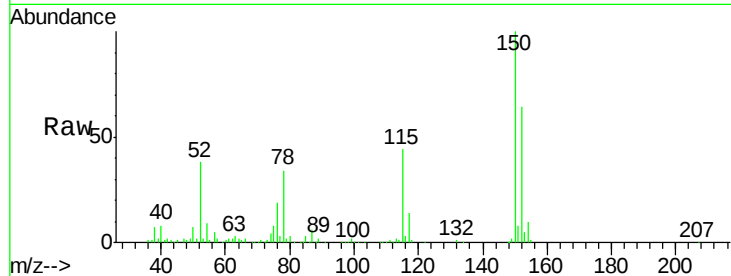


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.05 min
Lab File: BF086607.D
Acq: 2 May 2016 9:20

Instrument :
BNA_F
ClientSampleId :
26WARD-2B-CS-5(10-20FTBGS)

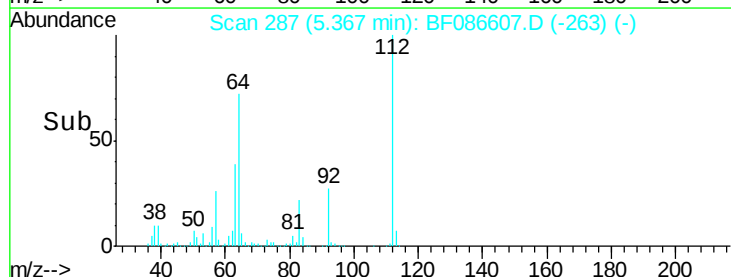
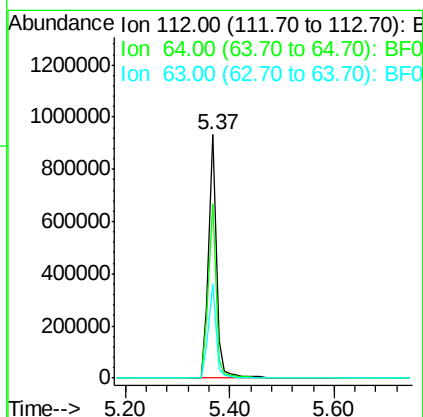
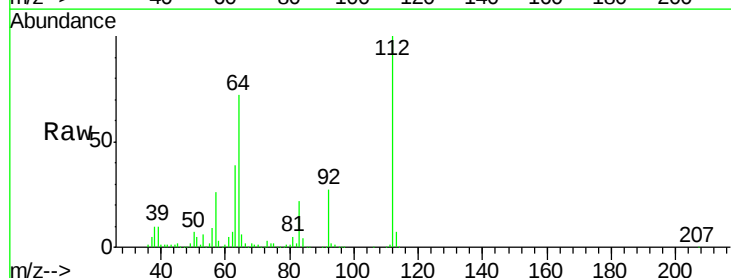
Tgt Ion:152 Resp: 139415
Ion Ratio Lower Upper
152 100
150 157.4 125.8 188.6
115 69.4 51.5 77.3

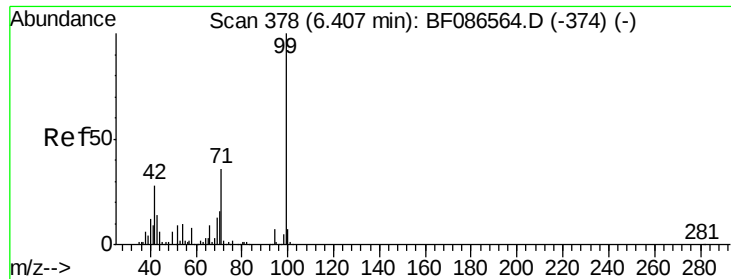


#5

2-Fluorophenol
Concen: 123.58 ng
RT: 5.37 min Scan# 287
Delta R.T. -0.02 min
Lab File: BF086607.D
Acq: 2 May 2016 9:20

Tgt Ion:112 Resp: 998827
Ion Ratio Lower Upper
112 100
64 71.7 52.1 78.1
63 38.7 25.7 38.5#





#7

Phenol-d6

Concen: 116.22 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF086607.D

Acq: 2 May 2016 9:20

Instrument :

BNA_F

ClientSampleId :

26WARD-2B-CS-5(10-20FTBGS)

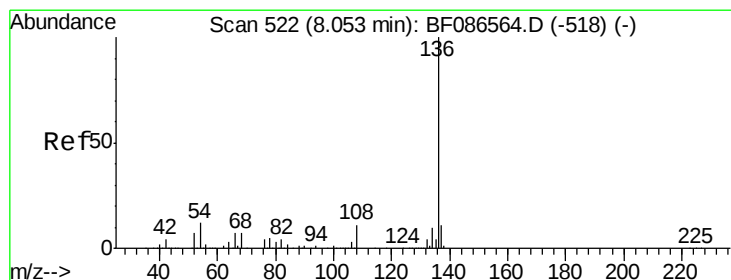
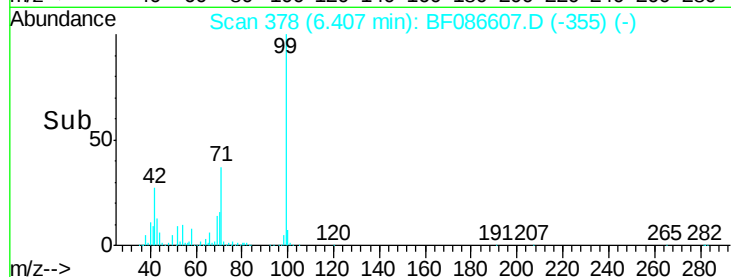
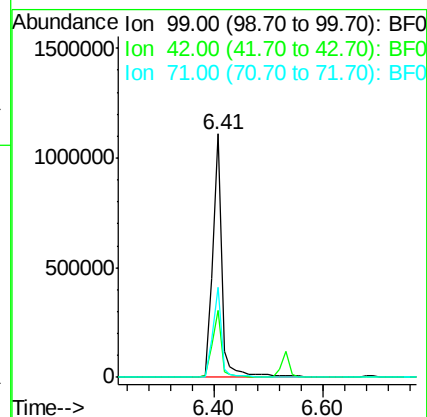
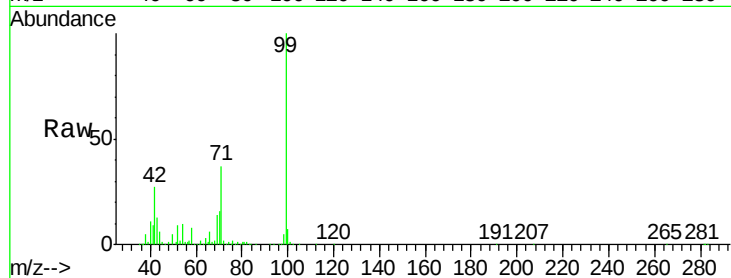
Tgt Ion: 99 Resp: 1311089

Ion Ratio Lower Upper

99 100

42 27.4 13.6 20.4#

71 37.0 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: BF086607.D

Acq: 2 May 2016 9:20

Tgt Ion: 136 Resp: 579539

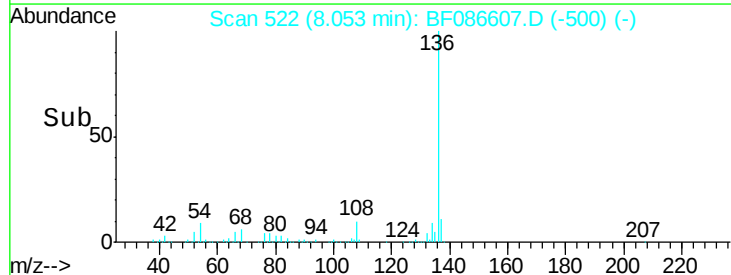
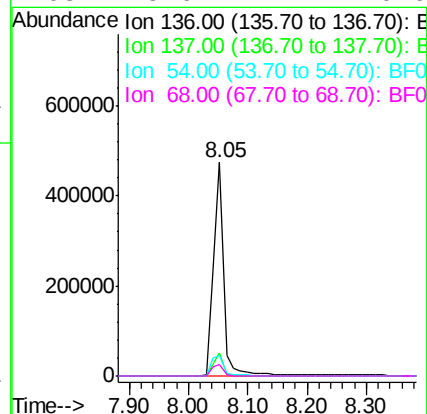
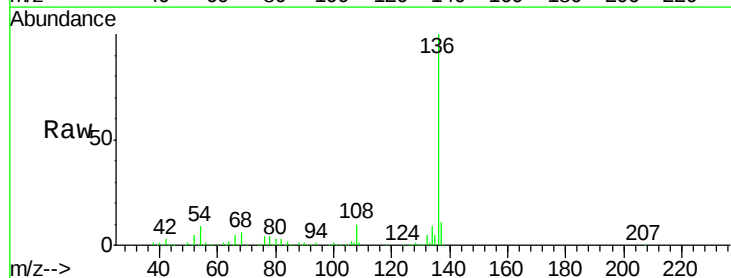
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 9.3 5.0 7.4#

68 5.6 4.4 6.6

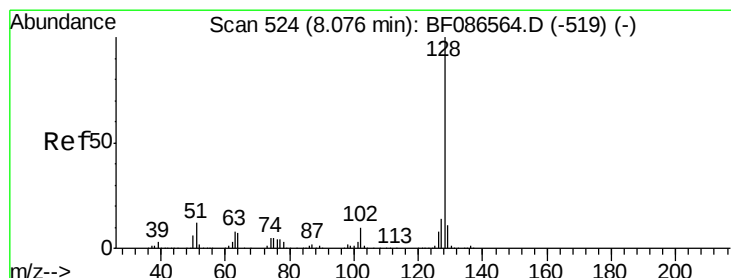
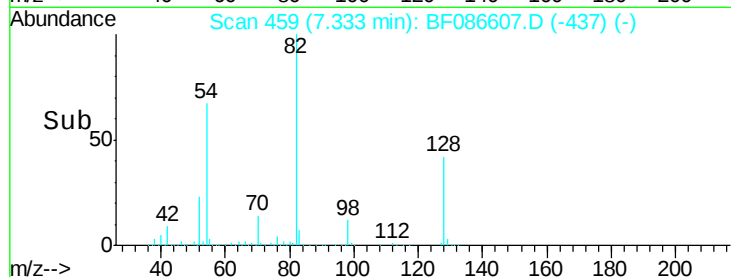
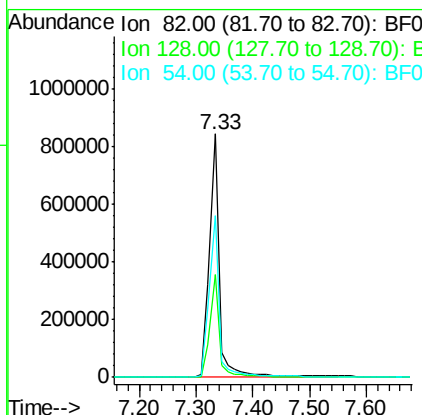
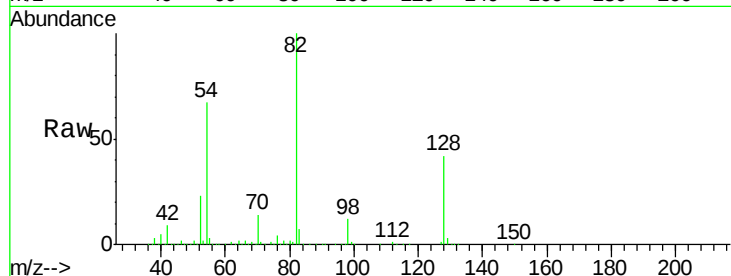




#23
Nitrobenzene-d5
Concen: 92.82 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.05 min
Lab File: BF086607.D
Acq: 2 May 2016 9:20

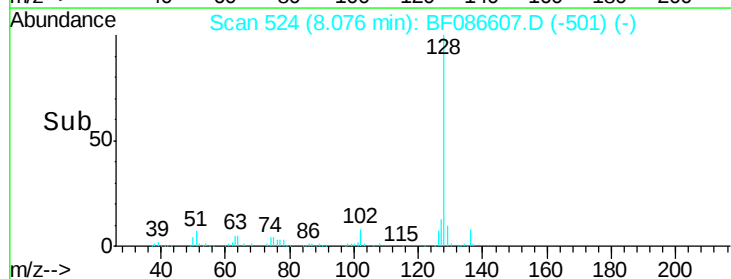
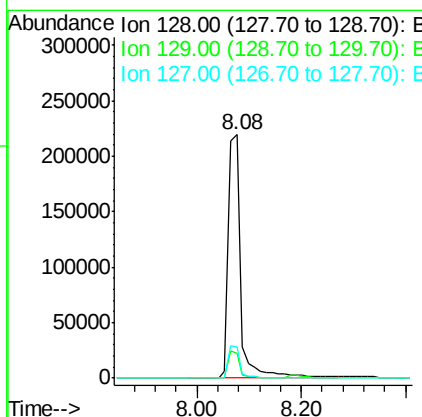
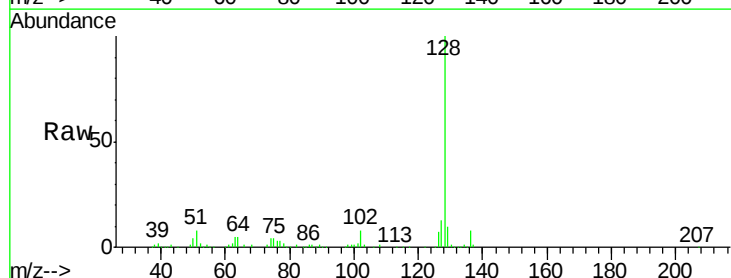
Instrument :
BNA_F
ClientSampleId :
26WARD-2B-CS-5(10-20FTBGS)

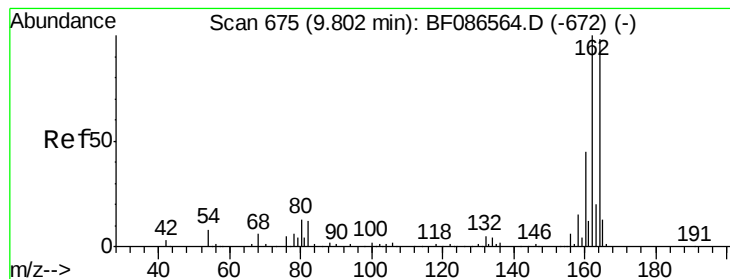
Tgt Ion: 82 Resp: 998040
Ion Ratio Lower Upper
82 100
128 42.3 40.6 61.0
54 66.5 38.1 57.1#



#31
Naphthalene
Concen: 12.39 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.03 min
Lab File: BF086607.D
Acq: 2 May 2016 9:20

Tgt Ion: 128 Resp: 365337
Ion Ratio Lower Upper
128 100
129 10.1 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: BF086607.D

Acq: 2 May 2016 9:20

Instrument :

BNA_F

ClientSampleId :

26WARD-2B-CS-5(10-20FTBGS)

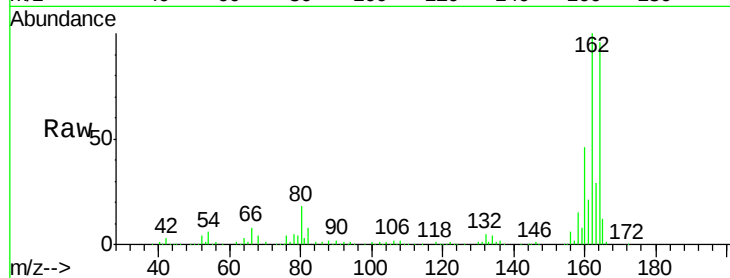
Tgt Ion:164 Resp: 286210

Ion Ratio Lower Upper

164 100

162 104.4 82.8 124.2

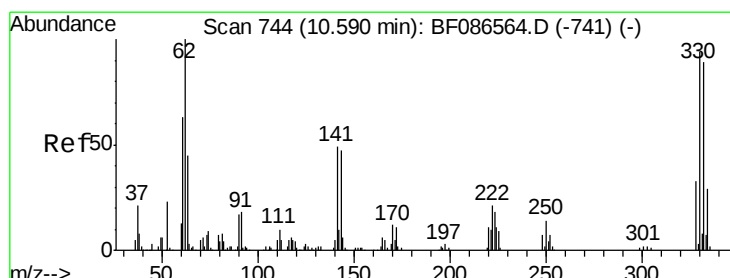
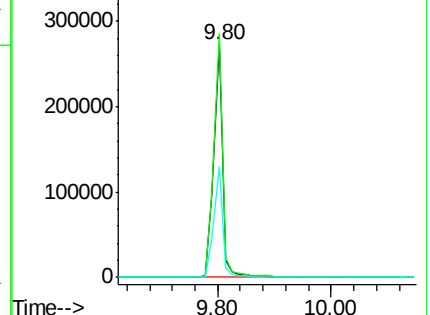
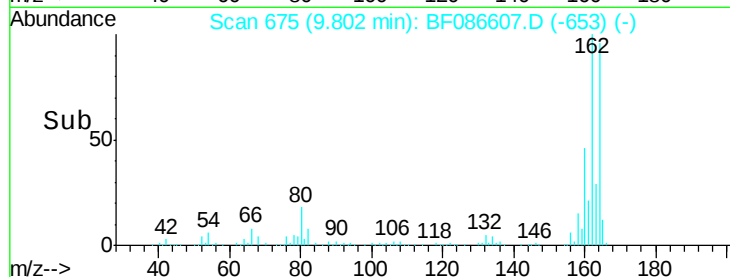
160 47.5 36.9 55.3



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: 125.53 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.05 min

Lab File: BF086607.D

Acq: 2 May 2016 9:20

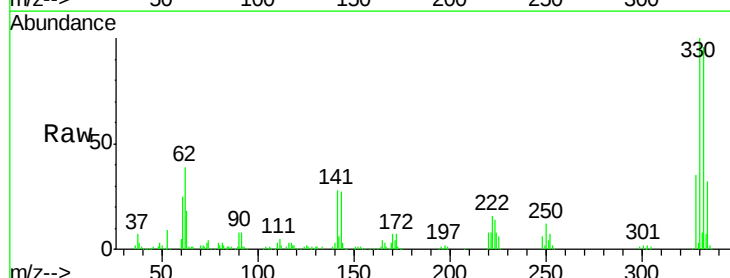
Tgt Ion:330 Resp: 378870

Ion Ratio Lower Upper

330 100

332 97.3 79.0 118.4

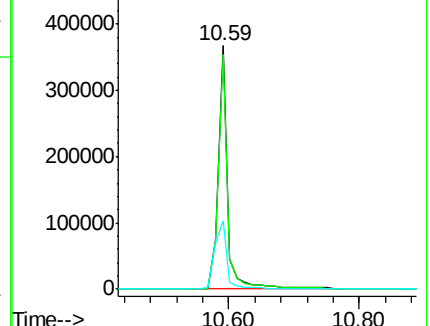
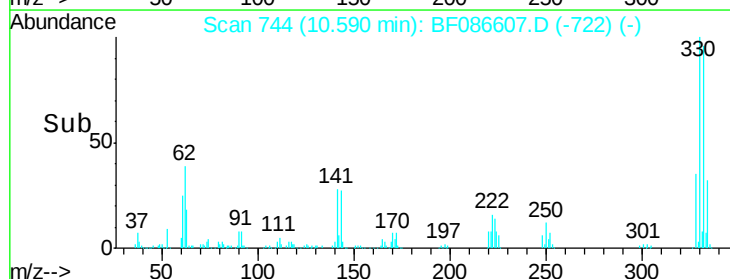
141 37.4 31.2 46.8

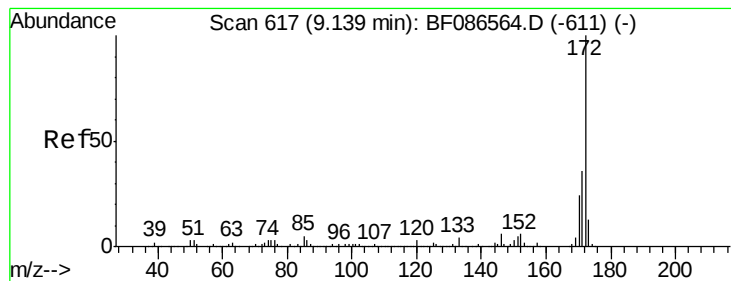


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

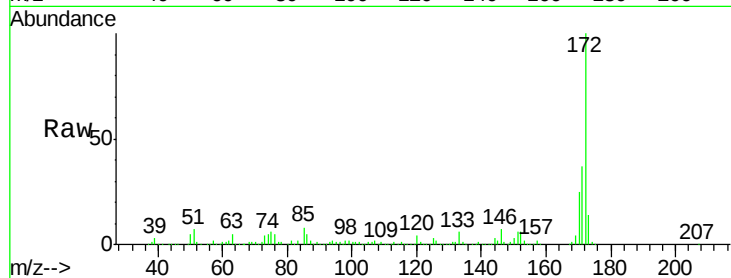




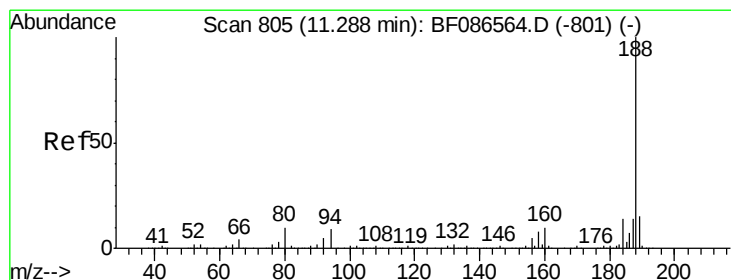
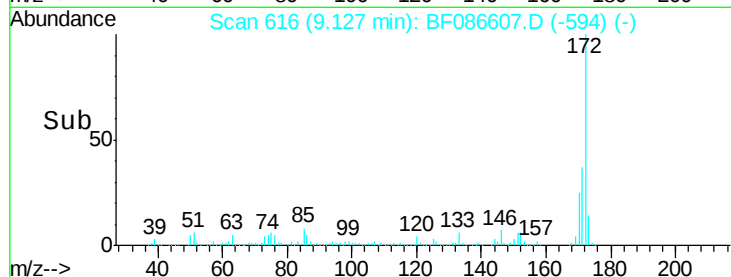
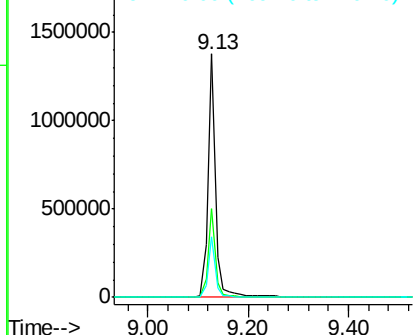
#44
 2-Fluorobiphenyl
 Concen: 90.48 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.05 min
 Lab File: BF086607.D
 Acq: 2 May 2016 9:20

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2B-CS-5(10-20FTBGS)

Tgt Ion:172 Resp: 1459548
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.0 43.6
 170 25.0 19.8 29.8

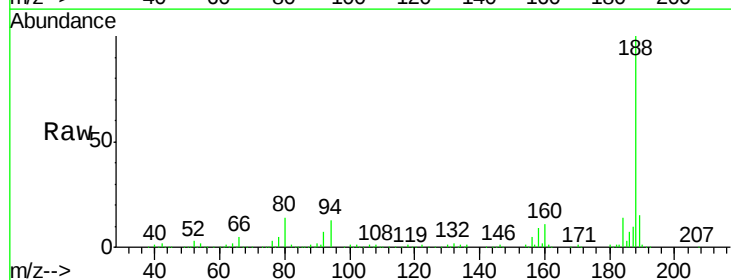


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

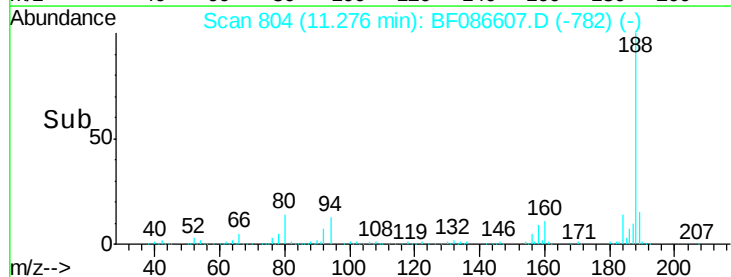
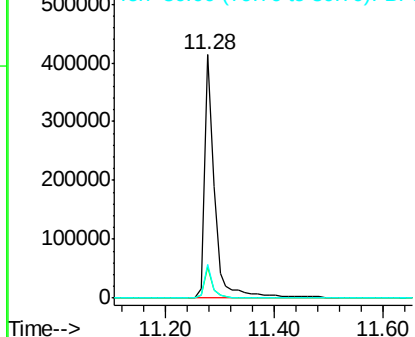


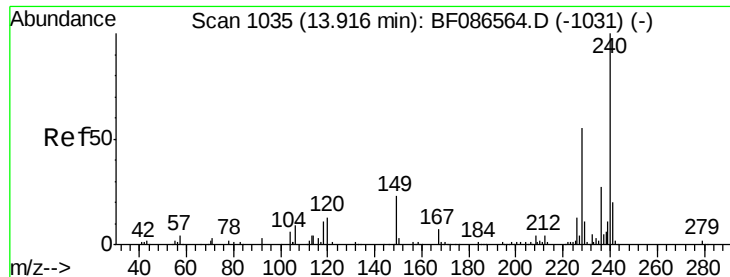
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.05 min
 Lab File: BF086607.D
 Acq: 2 May 2016 9:20

Tgt Ion:188 Resp: 529269
 Ion Ratio Lower Upper
 188 100
 94 12.6 6.8 10.2#
 80 13.9 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: BF086607.D

Acq: 2 May 2016 9:20

Instrument :

BNA_F

ClientSampleId :

26WARD-2B-CS-5(10-20FTBGS)

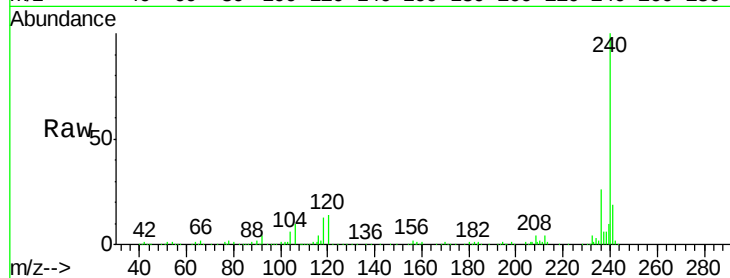
Tgt Ion:240 Resp: 351665

Ion Ratio Lower Upper

240 100

120 14.3 11.2 16.8

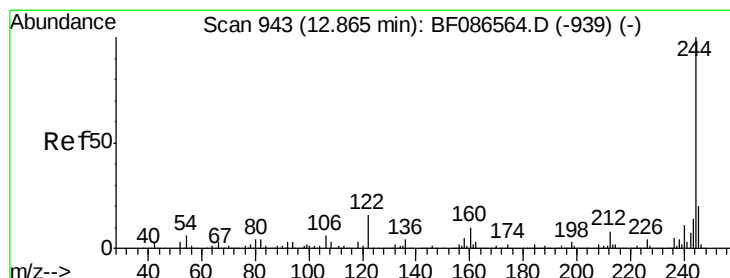
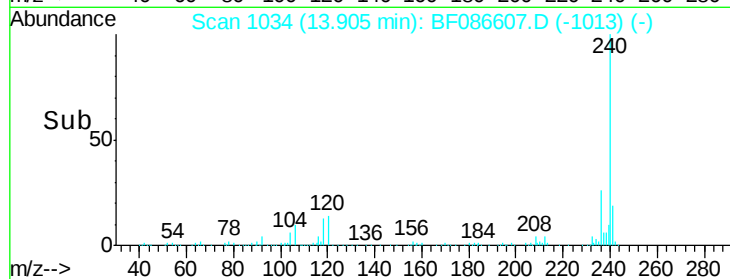
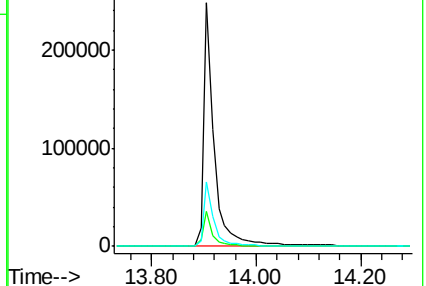
236 26.2 21.2 31.8



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: 86.82 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.05 min

Lab File: BF086607.D

Acq: 2 May 2016 9:20

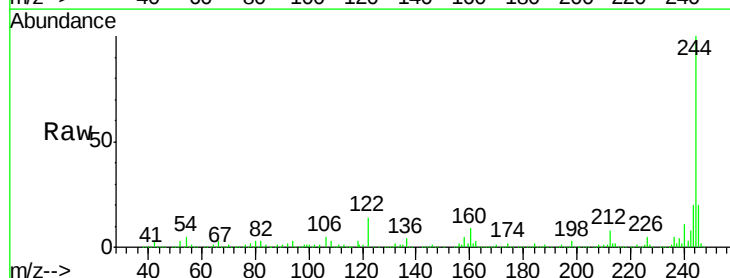
Tgt Ion:244 Resp: 1385859

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

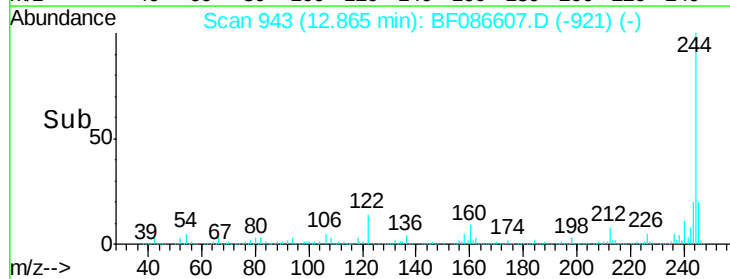
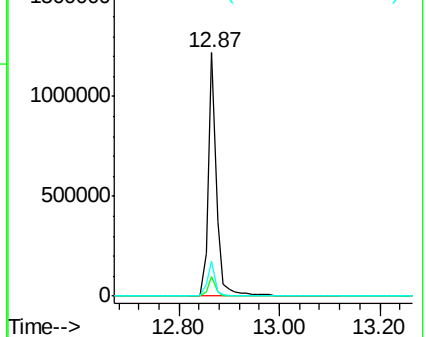
122 14.1 12.0 18.0

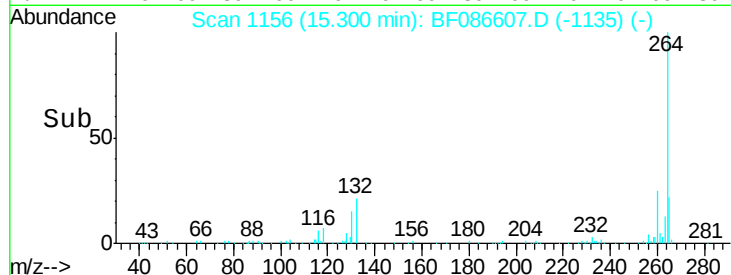
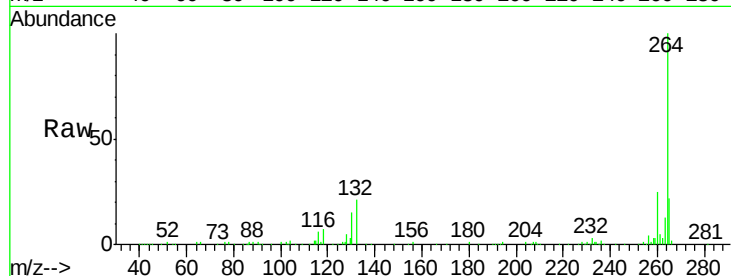
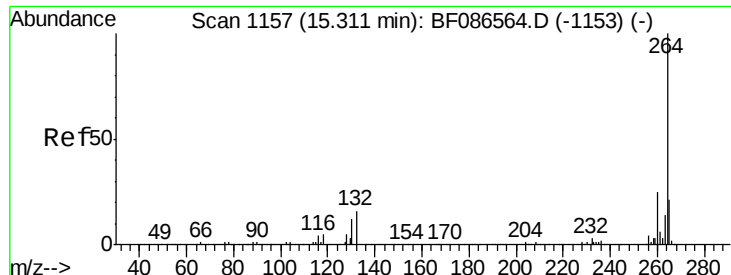


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF086607.D
Acq: 2 May 2016 9:20

Instrument :
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26WARD-2B-CS-5(10-20FTBGS)

Tgt Ion:	264	Resp:	292455
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.5	29.3
265	21.8	17.3	25.9

