

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040816\
 Data File : BF086203.D
 Acq On : 9 Apr 2016 7:38
 Operator : UM/SJ
 Sample : H2339-01
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUMPPUMP-5

Quant Time: Apr 11 01:00:52 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	124210	20.00	ng	-0.05
21) Naphthalene-d8	8.01	136	450623	20.00	ng	-0.06
38) Acenaphthene-d10	9.77	164	189068	20.00	ng	-0.05
63) Phenanthrene-d10	11.24	188	307444	20.00	ng	-0.06
75) Chrysene-d12	13.88	240	247260	20.00	ng	-0.05
86) Perylene-d12	15.28	264	193691	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	753162	103.65	ng	-0.03
7) Phenol-d6	6.38	99	930872	100.85	ng	-0.03
23) Nitrobenzene-d5	7.30	82	654744	85.69	ng	-0.05
41) 2,4,6-Tribromophenol	10.56	330	211716	119.31	ng	-0.05
44) 2-Fluorobiphenyl	9.09	172	1175487	103.37	ng	-0.05
78) Terphenyl-d14	12.83	244	700562	66.60	ng	-0.05

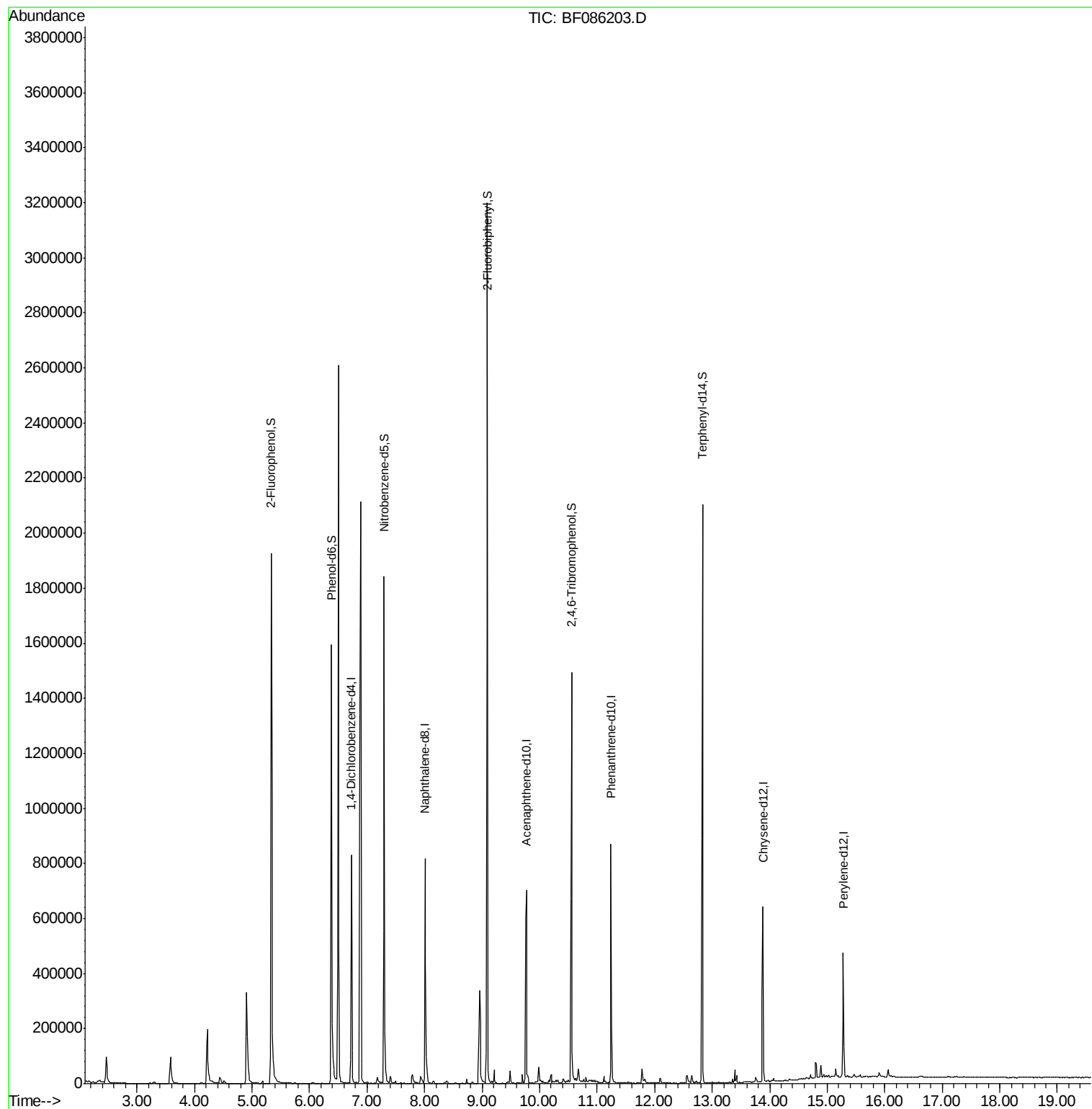
Target Compounds Qvalue

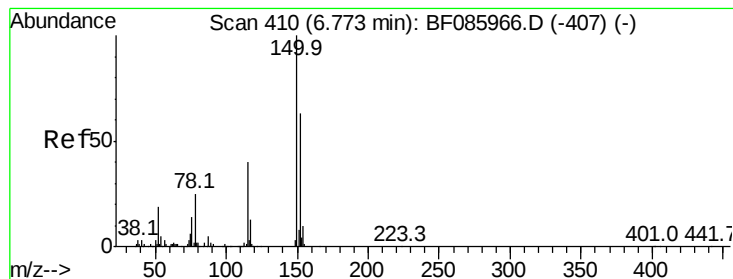
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.05 min

Lab File: BF086203.D

Acq: 9 Apr 2016 7:38

Instrument :

BNA_F

ClientSampleId :

SUMPPUMP-5

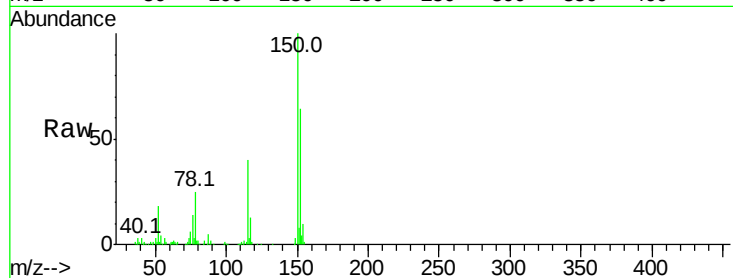
Tot Ion:152 Resp: 124210

Ion Ratio Lower Upper

152 100

150 155.3 124.2 186.2

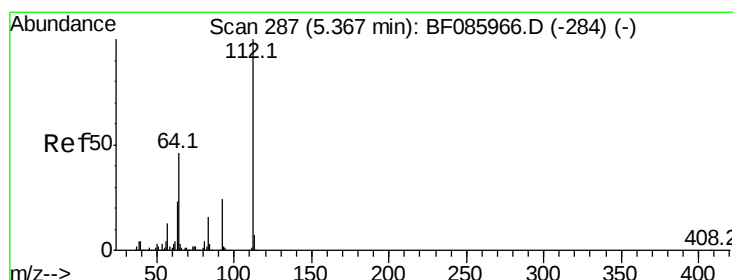
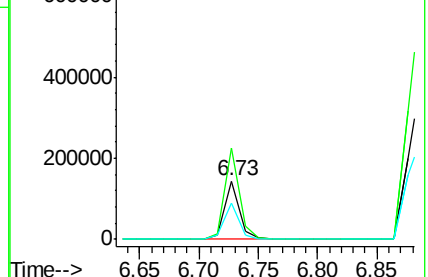
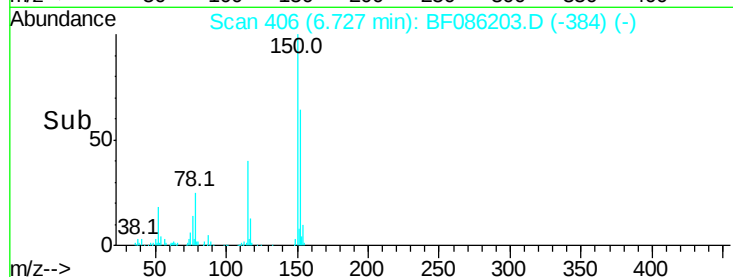
115 62.6 47.0 70.6



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: 103.65 ng

RT: 5.33 min Scan# 284

Delta R.T. -0.03 min

Lab File: BF086203.D

Acq: 9 Apr 2016 7:38

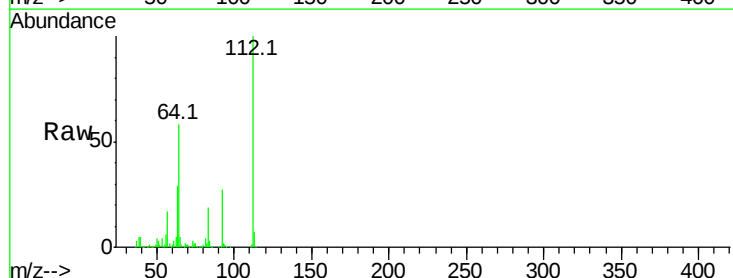
Tgt Ion:112 Resp: 753162

Ion Ratio Lower Upper

112 100

64 57.5 39.9 59.9

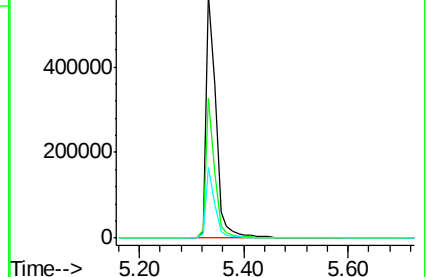
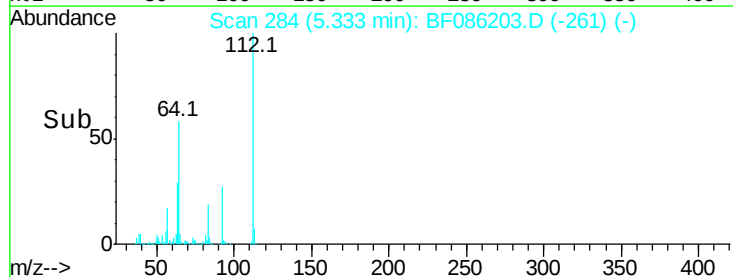
63 29.1 20.2 30.2

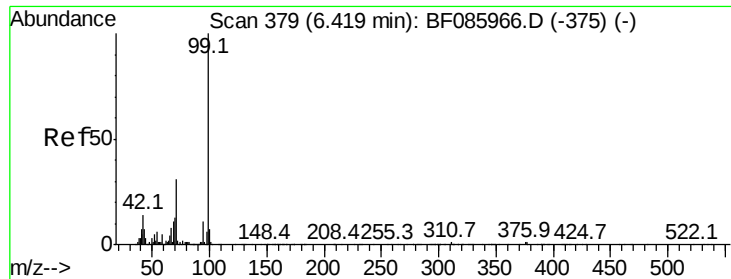


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 100.85 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.03 min

Lab File: BF086203.D

Acq: 9 Apr 2016 7:38

Instrument :

BNA_F

ClientSampleId :

SUMPPUMP-5

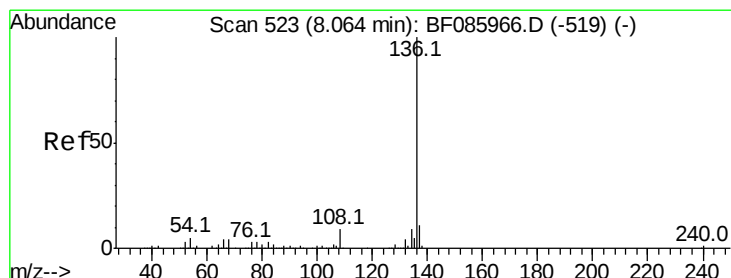
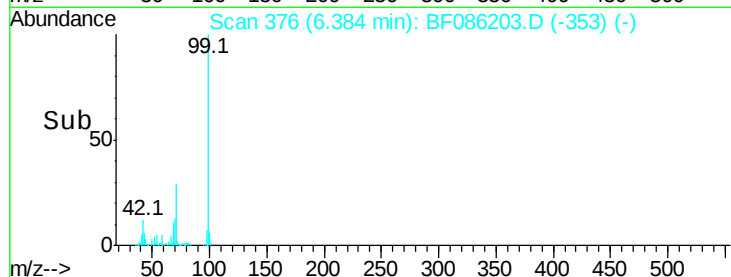
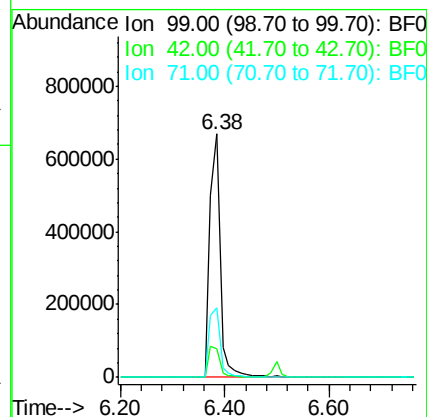
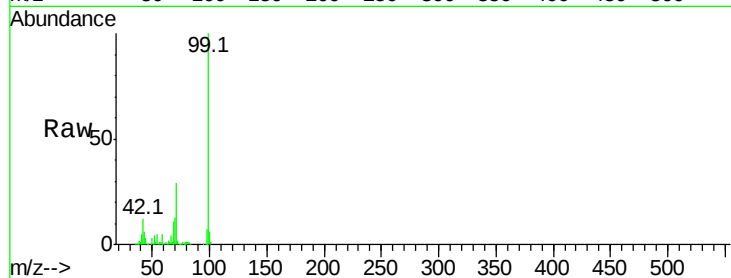
Tot Ion: 99 Resp: 930872

Ion Ratio Lower Upper

99 100

42 11.9 11.1 16.7

71 28.8 24.9 37.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.06 min

Lab File: BF086203.D

Acq: 9 Apr 2016 7:38

Tgt Ion: 136 Resp: 450623

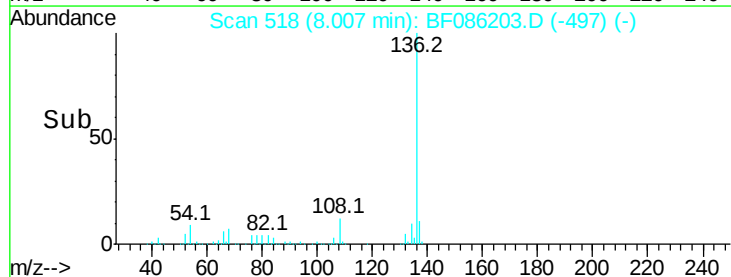
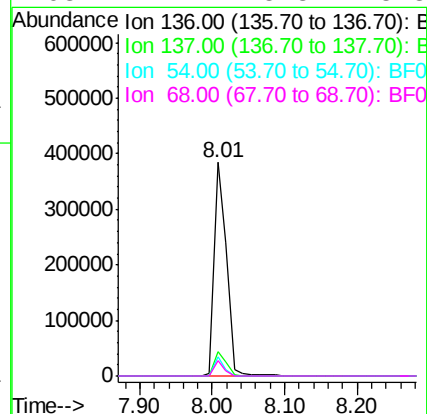
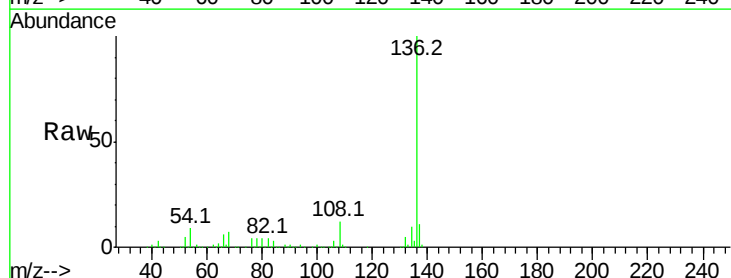
Ion Ratio Lower Upper

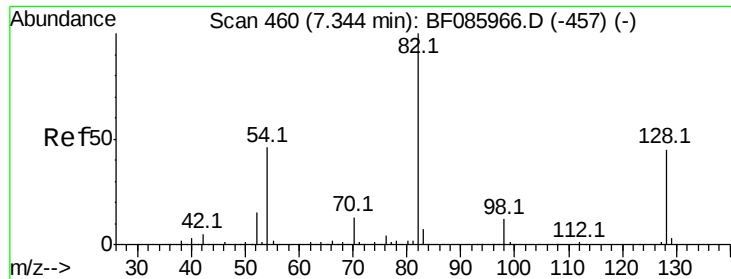
136 100

137 11.4 9.1 13.7

54 9.0 7.4 11.0

68 7.4 5.8 8.8

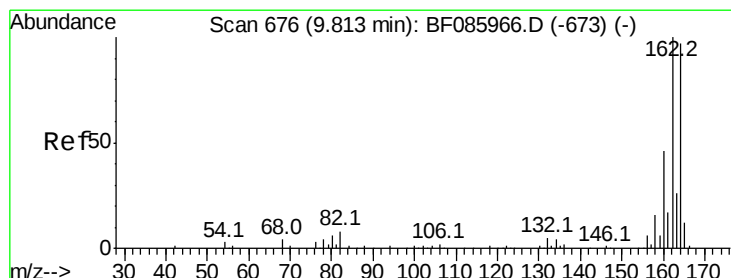
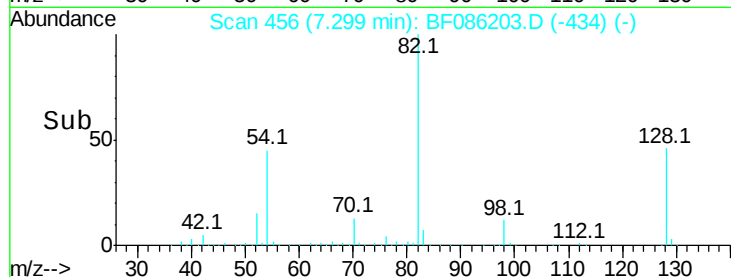
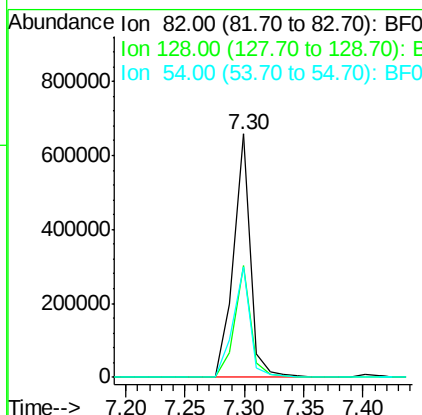
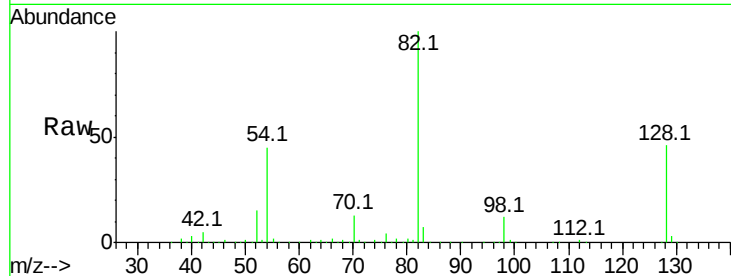




#23
Nitrobenzene-d5
Concen: 85.69 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.05 min
Lab File: BF086203.D
Acq: 9 Apr 2016 7:38

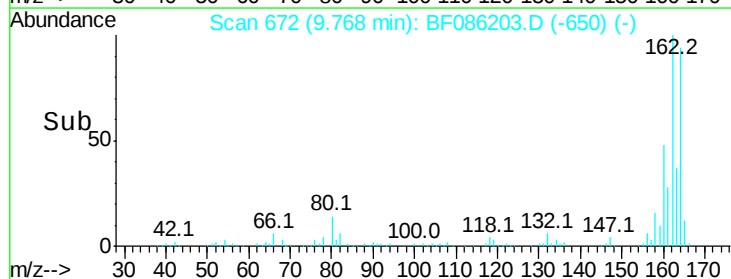
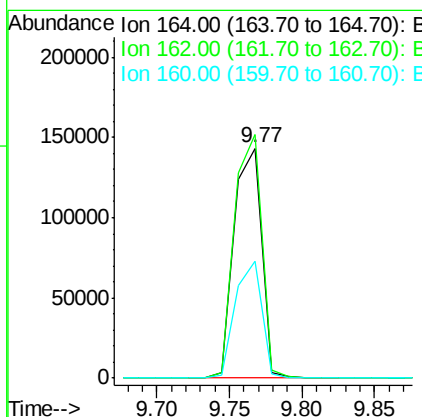
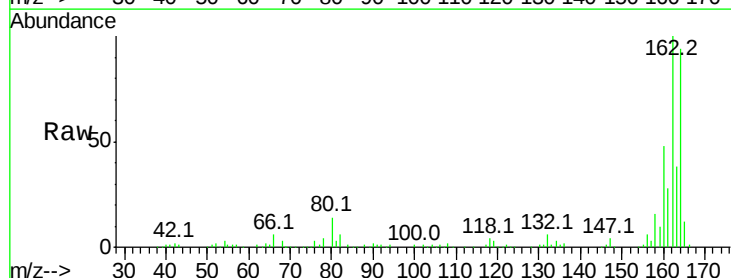
Instrument :
BNA_F
ClientSampleId :
SUMPPUMP-5

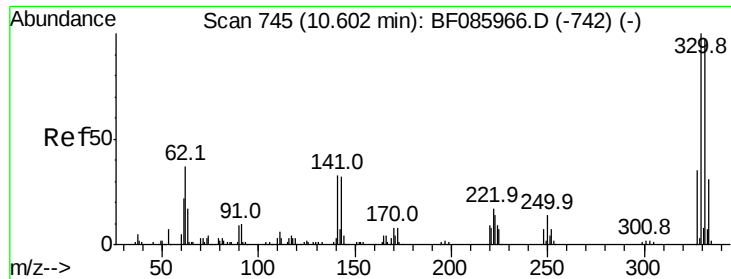
Tot Ion: 82 Resp: 654744
Ion Ratio Lower Upper
82 100
128 45.7 41.8 62.8
54 45.2 33.4 50.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.05 min
Lab File: BF086203.D
Acq: 9 Apr 2016 7:38

Tgt Ion:164 Resp: 189068
Ion Ratio Lower Upper
164 100
162 105.9 82.1 123.1
160 50.7 37.4 56.2

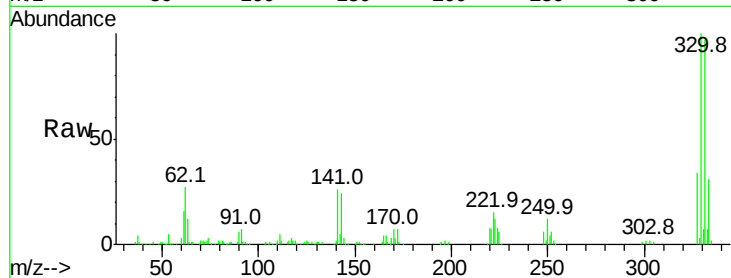




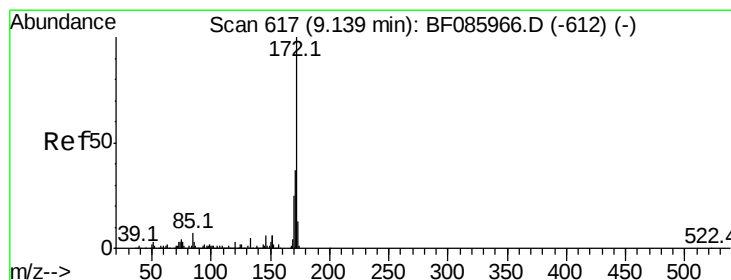
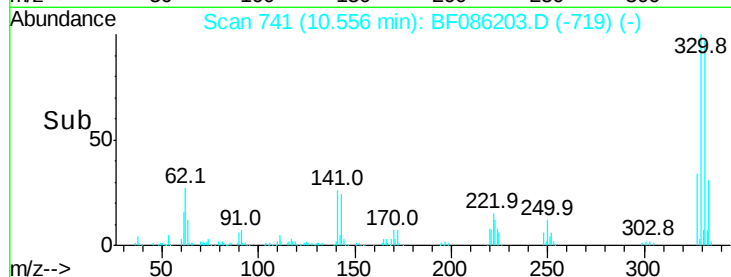
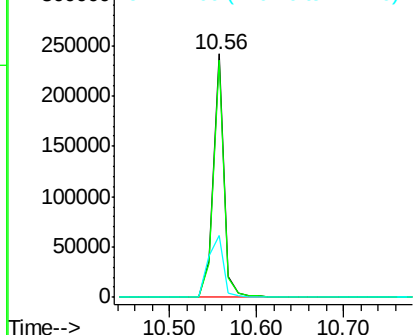
#41
 2,4,6-Tribromophenol
 Concen: 119.31 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.05 min
 Lab File: BF086203.D
 Acq: 9 Apr 2016 7:38

Instrument :
 BNA_F
 ClientSampleId :
 SUMPPUMP-5

Tot Ion:330 Resp: 211716
 Ion Ratio Lower Upper
 330 100
 332 96.8 78.2 117.2
 141 36.4 31.5 47.3

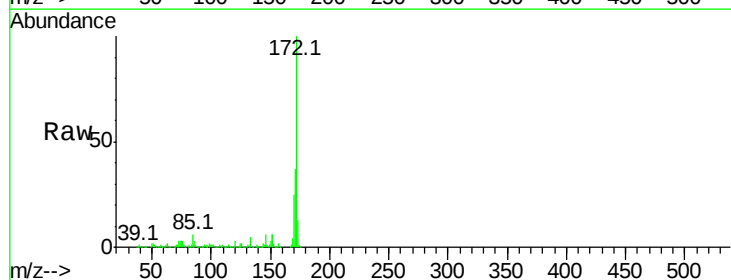


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

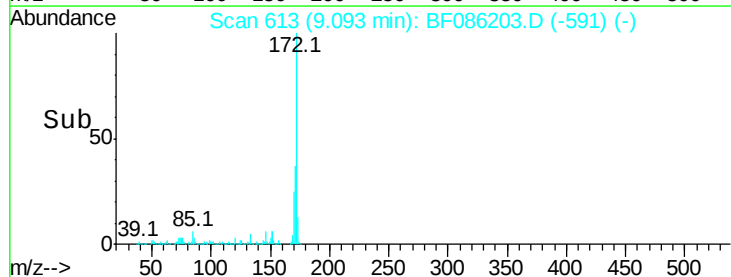
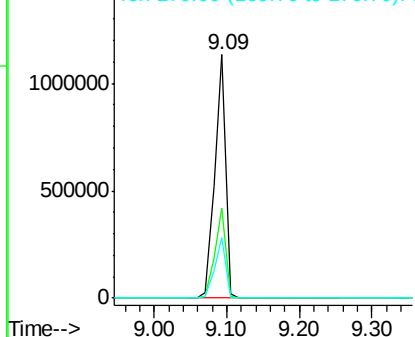


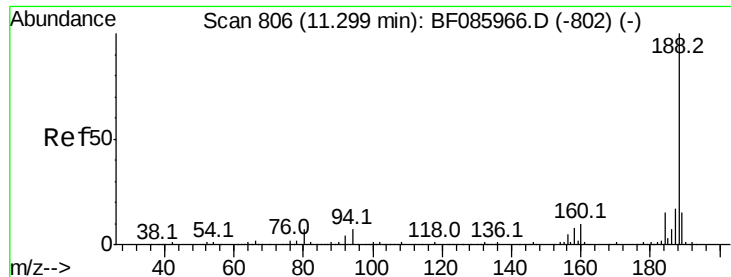
#44
 2-Fluorobiphenyl
 Concen: 103.37 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.05 min
 Lab File: BF086203.D
 Acq: 9 Apr 2016 7:38

Tgt Ion:172 Resp: 1175487
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.4 44.2
 170 24.7 19.8 29.6



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

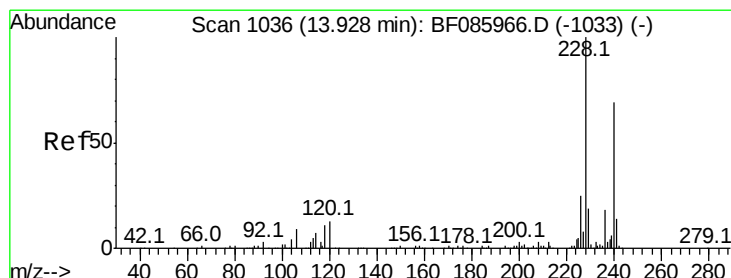
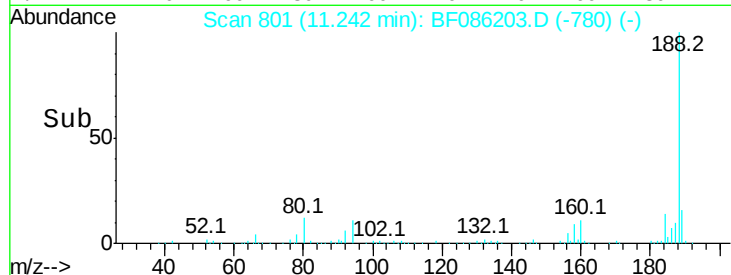
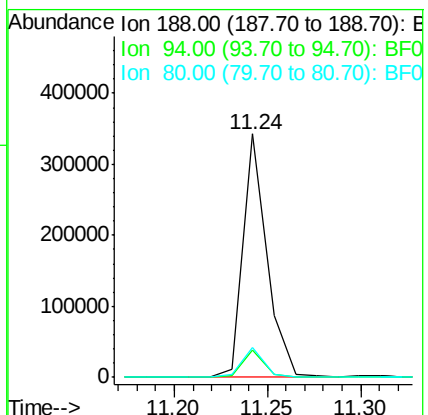
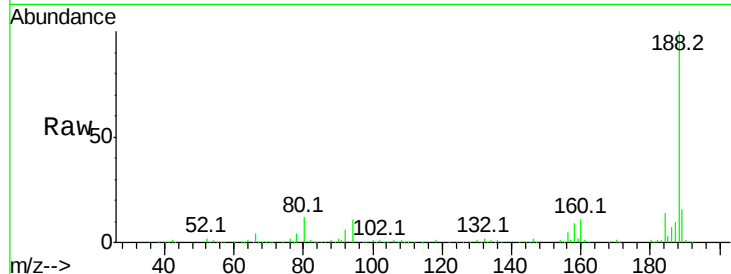




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.24 min Scan# 801
 Delta R.T. -0.06 min
 Lab File: BF086203.D
 Acq: 9 Apr 2016 7:38

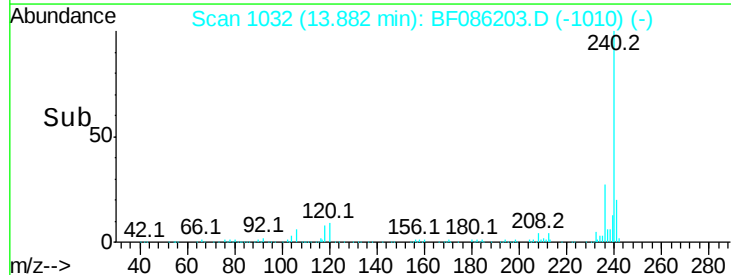
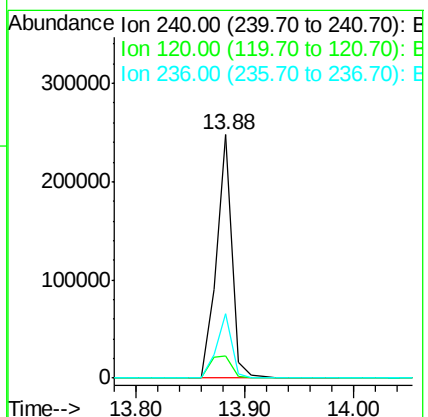
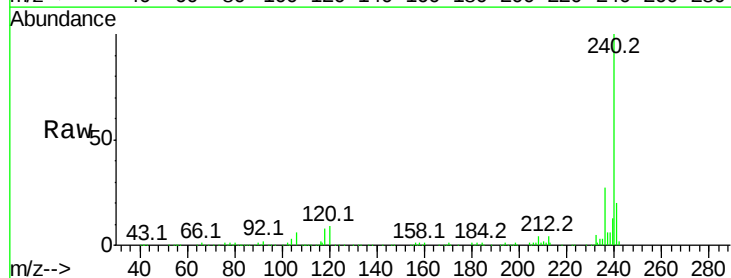
Instrument :
 BNA_F
 ClientSampleId :
 SUMPPUMP-5

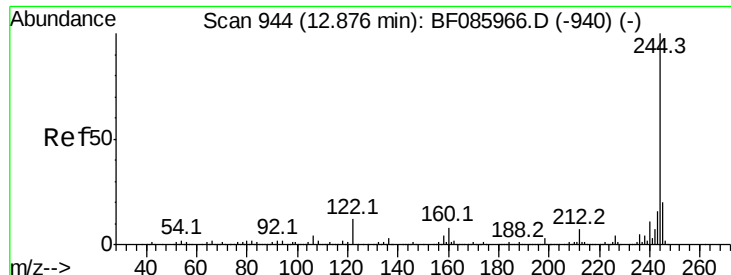
Tot Ion:188 Resp: 307444
 Ion Ratio Lower Upper
 188 100
 94 11.1 5.4 8.0#
 80 12.2 5.5 8.3#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.05 min
 Lab File: BF086203.D
 Acq: 9 Apr 2016 7:38

Tgt Ion:240 Resp: 247260
 Ion Ratio Lower Upper
 240 100
 120 9.0 13.8 20.8#
 236 26.7 20.6 30.8





#78

Terphenyl-d14

Concen: 66.60 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.05 min

Lab File: BF086203.D

Acq: 9 Apr 2016 7:38

Instrument :

BNA_F

ClientSampleId :

SUMPPUMP-5

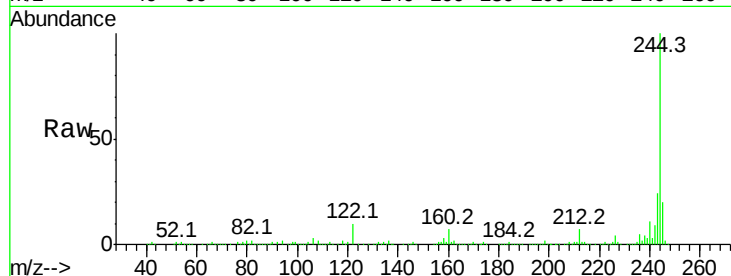
Tot Ion:244 Resp: 700562

Ion Ratio Lower Upper

244 100

212 7.0 6.1 9.1

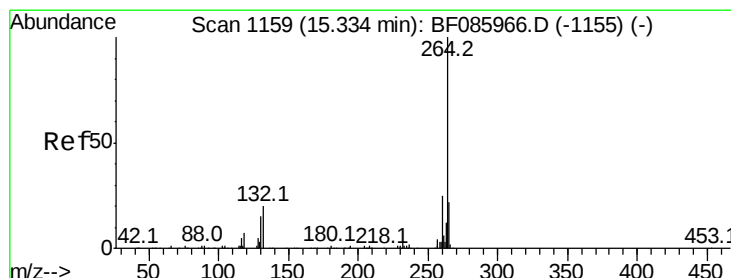
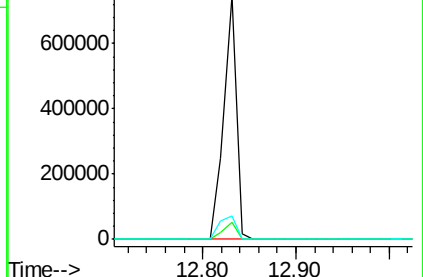
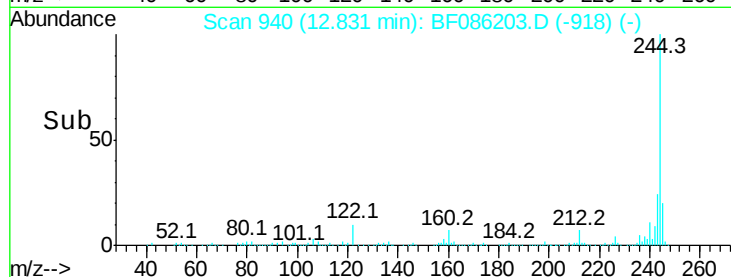
122 9.8 10.2 15.4#



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: 15.28 min Scan# 1154

Delta R.T. -0.06 min

Lab File: BF086203.D

Acq: 9 Apr 2016 7:38

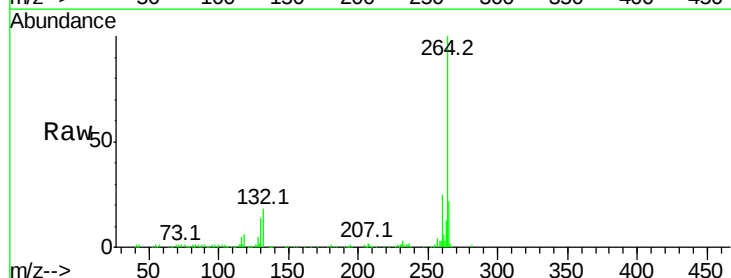
Tgt Ion:264 Resp: 193691

Ion Ratio Lower Upper

264 100

260 24.9 19.4 29.2

265 21.6 17.2 25.8



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

