

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040416\
 Data File : BF086073.D
 Acq On : 5 Apr 2016 9:16
 Operator : UM/SJ
 Sample : H2104-07
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Quant Time: Apr 05 11:41:54 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

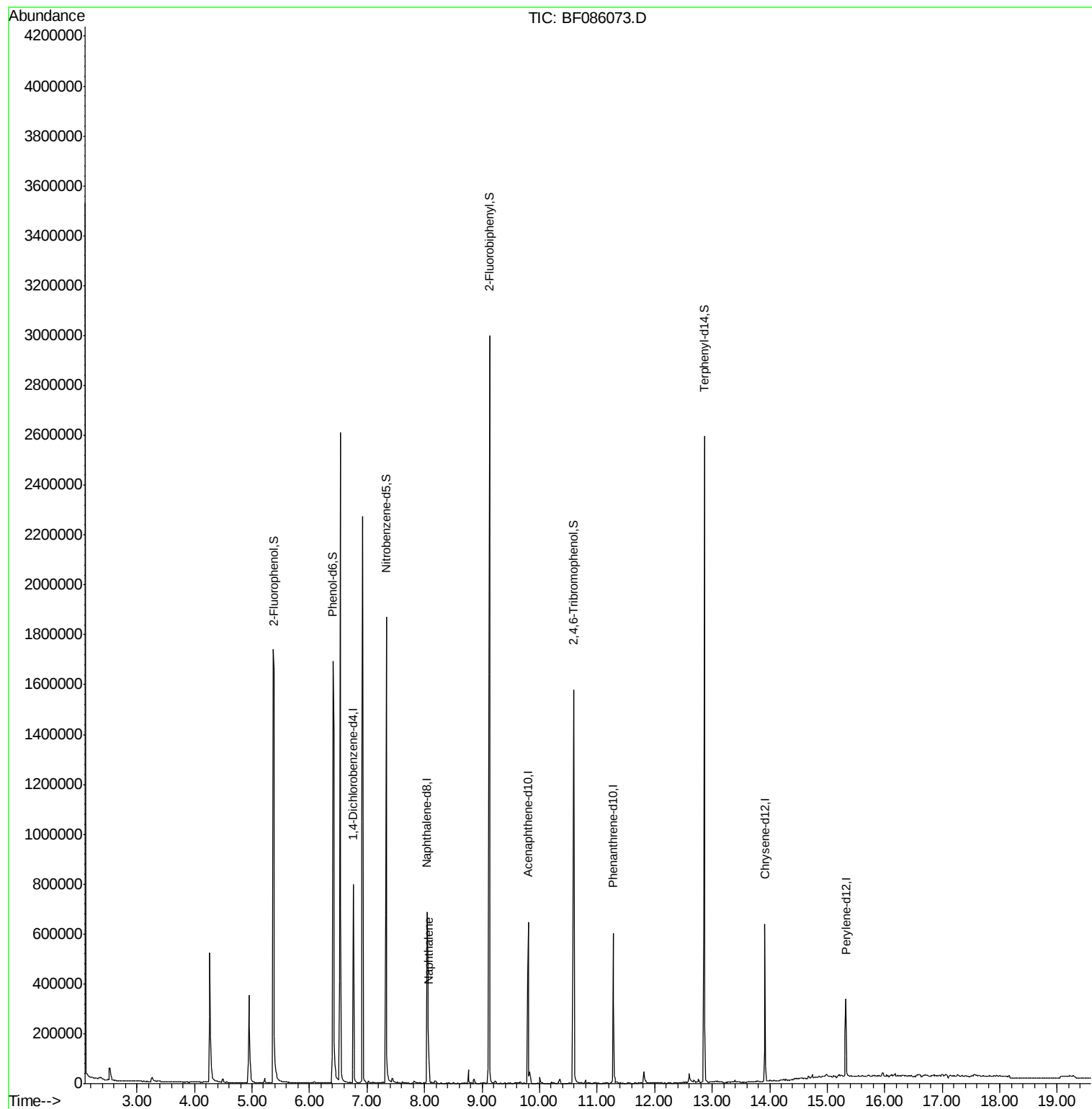
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	115129	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	407620	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	159649	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	257262	20.00	ng	-0.02
75) Chrysene-d12	13.92	240	203712	20.00	ng	-0.01
86) Perylene-d12	15.32	264	138817	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	839939	124.70	ng	0.01
7) Phenol-d6	6.41	99	957470	111.92	ng	-0.01
23) Nitrobenzene-d5	7.33	82	671917	97.21	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	201203	134.27	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1113583	115.98	ng	-0.01
78) Terphenyl-d14	12.87	244	766980	88.50	ng	-0.01
Target Compounds						
31) Naphthalene	8.06	128	102906	5.02	ng	Qvalue 98

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

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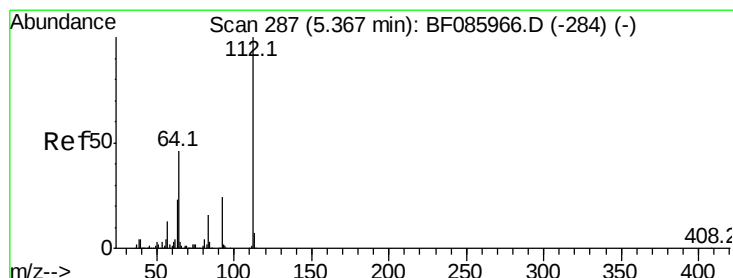
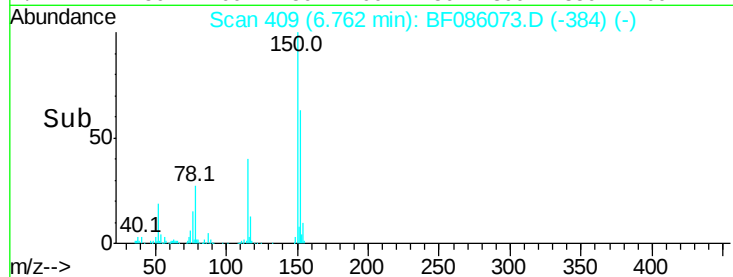
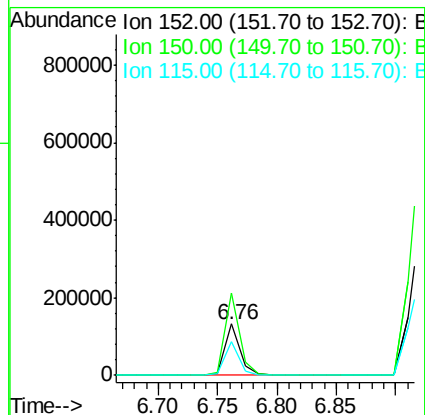
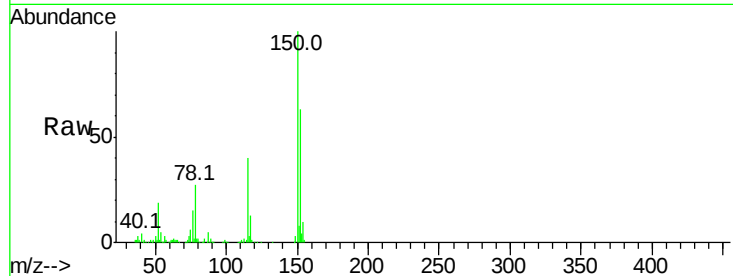


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF086073.D
Acq: 5 Apr 2016 9:16

Instrument :
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ClientSampleId :
WC-1

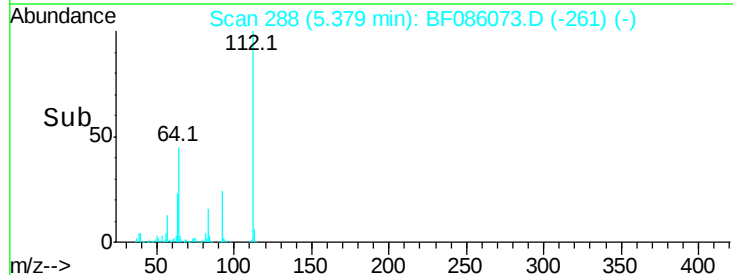
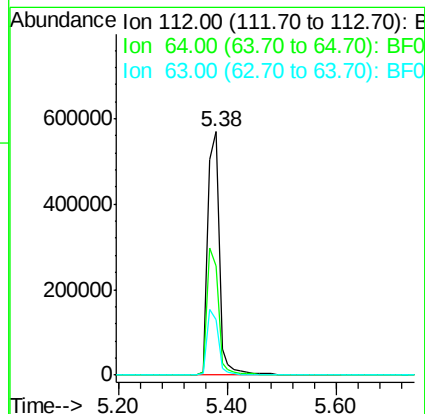
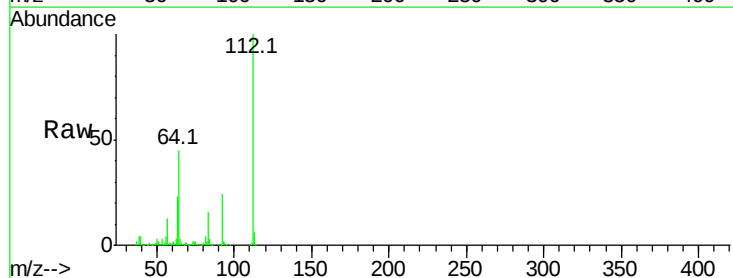
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.8	124.2	186.2
115	64.5	47.0	70.6



#5

2-Fluorophenol
Concen: 124.70 ng
RT: 5.38 min Scan# 288
Delta R.T. 0.01 min
Lab File: BF086073.D
Acq: 5 Apr 2016 9:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.6	39.9	59.9
63	23.0	20.2	30.2





#7

Phenol-d6

Concen: 111.92 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF086073.D

Acq: 5 Apr 2016 9:16

Instrument :

BNA_F

ClientSampleId :

WC-1

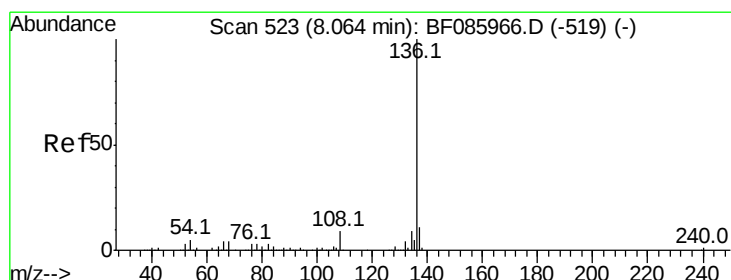
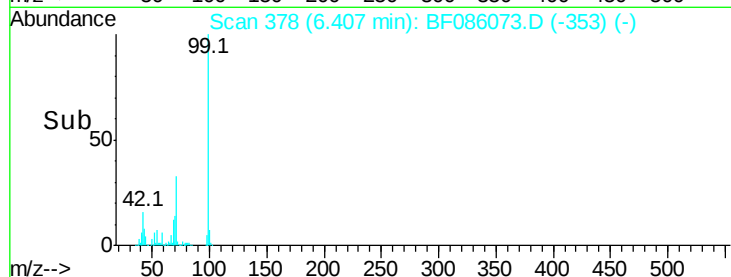
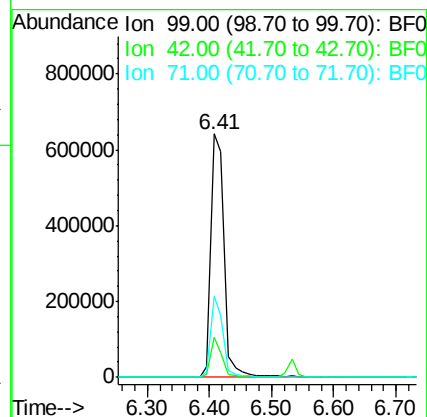
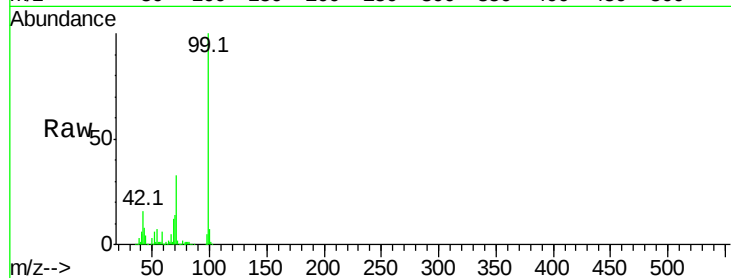
Tot Ion: 99 Resp: 957470

Ion Ratio Lower Upper

99 100

42 16.4 11.1 16.7

71 33.2 24.9 37.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF086073.D

Acq: 5 Apr 2016 9:16

Tgt Ion: 136 Resp: 407620

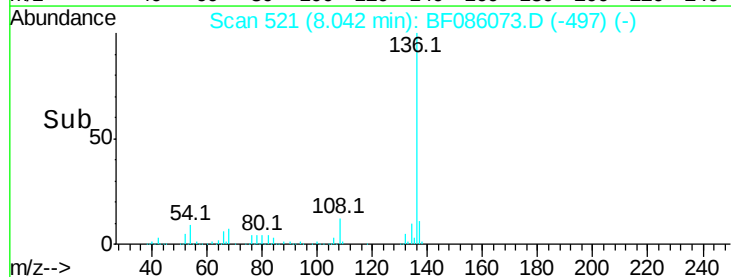
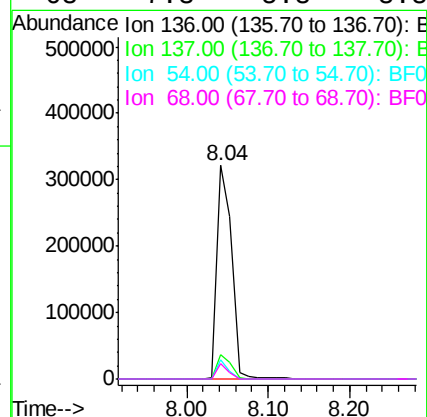
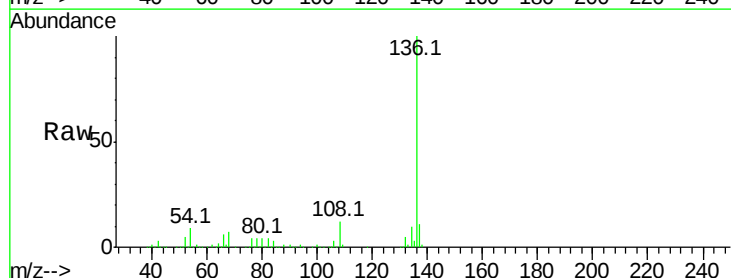
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 9.1 7.4 11.0

68 7.3 5.8 8.8

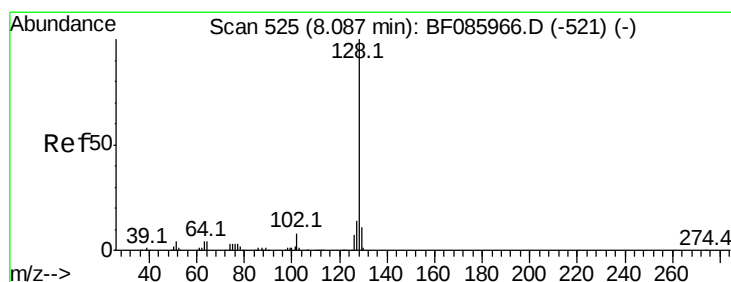
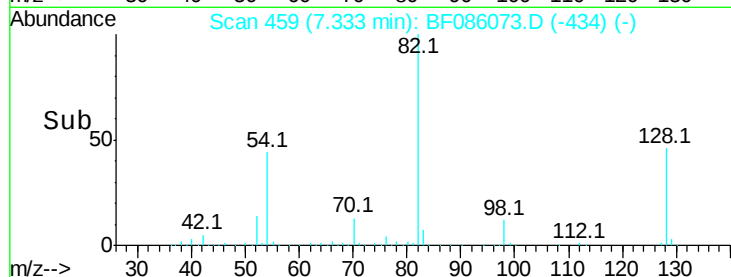
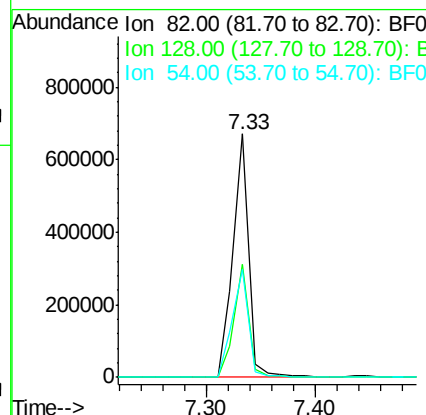
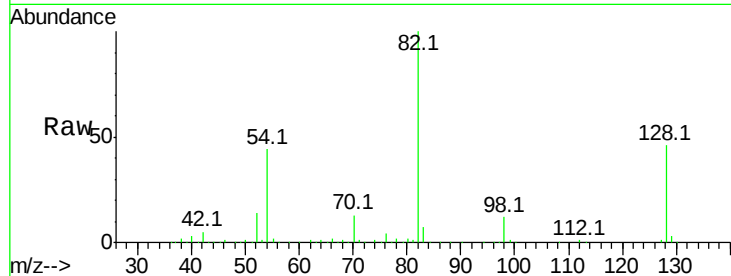




#23
 Nitrobenzene-d5
 Concen: 97.21 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF086073.D
 Acq: 5 Apr 2016 9:16

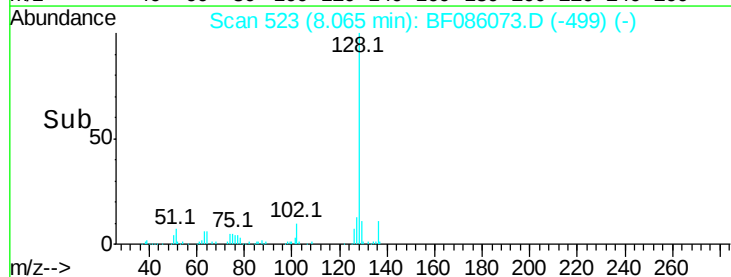
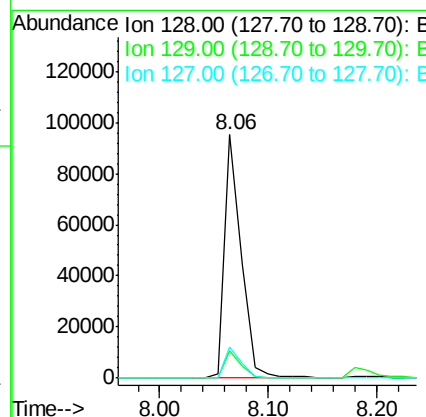
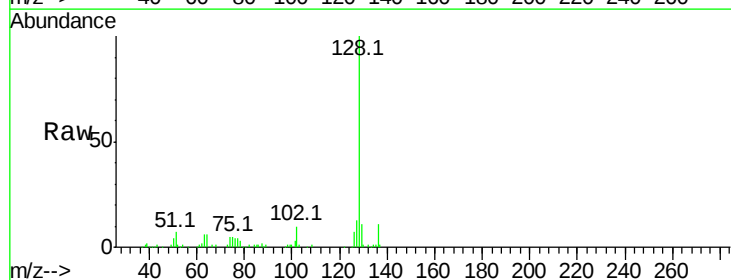
Instrument :
 BNA_F
 ClientSampleID :
 WC-1

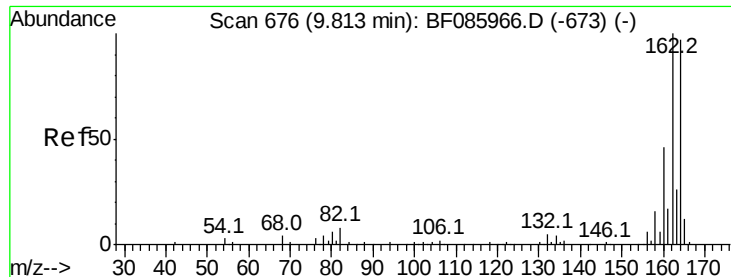
Tot Ion:	82	Resp:	671917
Ion	Ratio	Lower	Upper
82	100		
128	46.2	41.8	62.8
54	44.3	33.4	50.0



#31
 Naphthalene
 Concen: 5.02 ng
 RT: 8.06 min Scan# 523
 Delta R.T. -0.02 min
 Lab File: BF086073.D
 Acq: 5 Apr 2016 9:16

Tgt Ion:	128	Resp:	102906
Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.4	14.0
127	12.8	11.0	16.6





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF086073.D

Acq: 5 Apr 2016 9:16

Instrument :

BNA_F

ClientSampleId :

WC-1

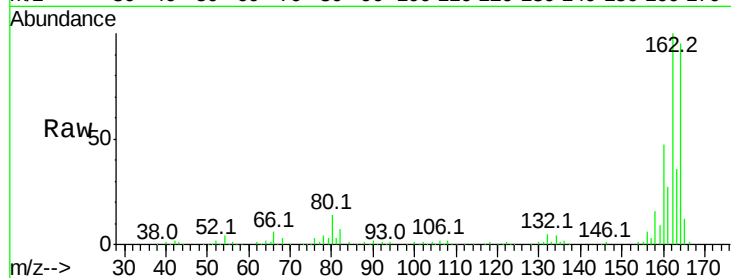
Tot Ion:164 Resp: 159649

Ion Ratio Lower Upper

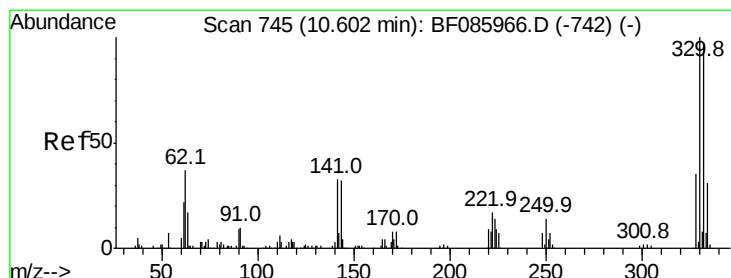
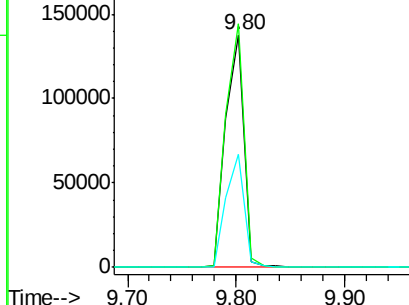
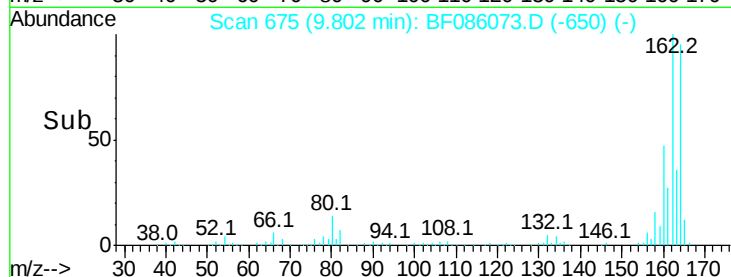
164 100

162 104.8 82.1 123.1

160 48.8 37.4 56.2



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: 134.27 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF086073.D

Acq: 5 Apr 2016 9:16

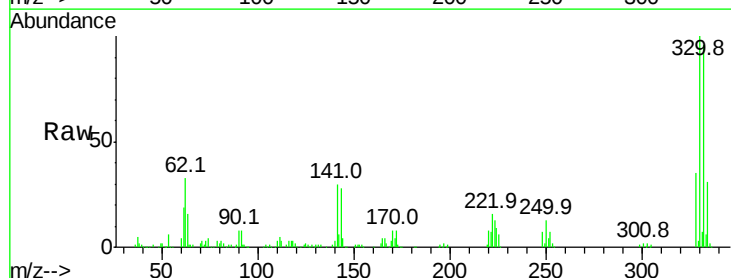
Tgt Ion:330 Resp: 201203

Ion Ratio Lower Upper

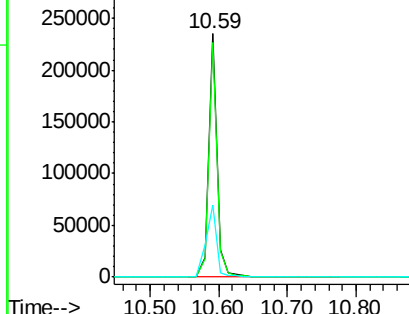
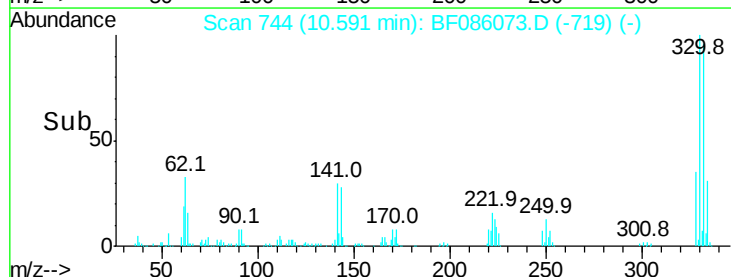
330 100

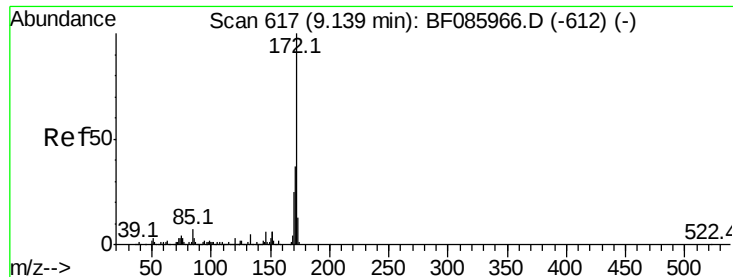
332 96.3 78.2 117.2

141 38.1 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: 115.98 ng

RT: 9.13 min Scan# 616

Delta R.T. -0.01 min

Lab File: BF086073.D

Acq: 5 Apr 2016 9:16

Instrument :

BNA_F

ClientSampled :

WC-1

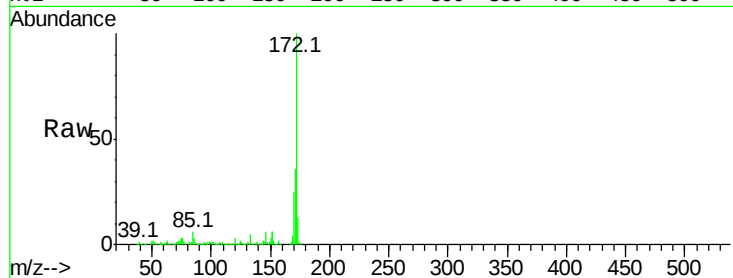
Tot Ion:172 Resp: 1113583

Ion Ratio Lower Upper

172 100

171 36.5 29.4 44.2

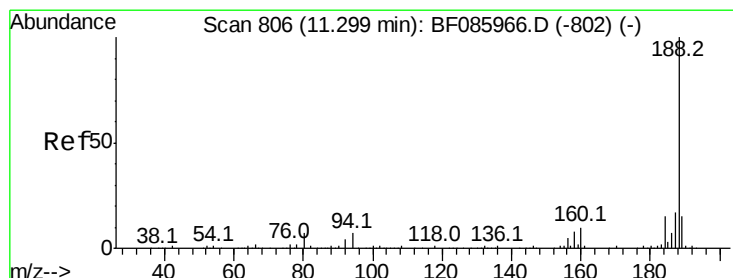
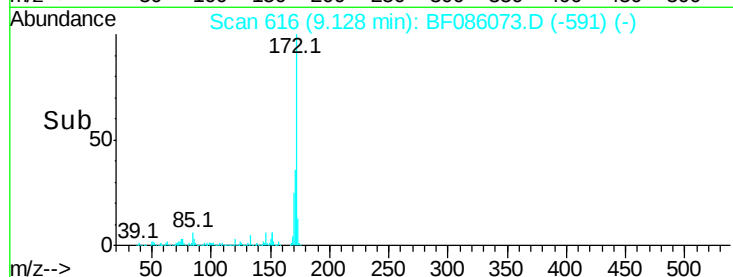
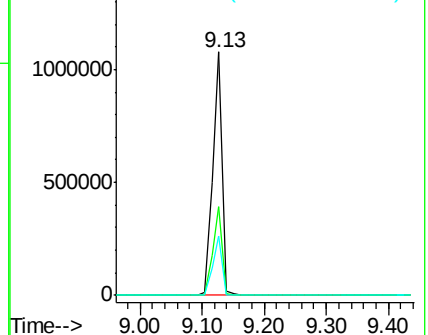
170 24.6 19.8 29.6



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: 11.28 min Scan# 804

Delta R.T. -0.02 min

Lab File: BF086073.D

Acq: 5 Apr 2016 9:16

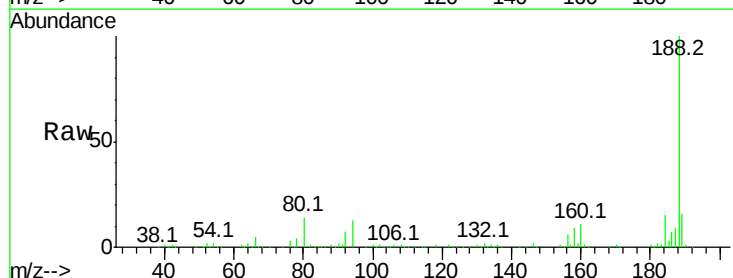
Tgt Ion:188 Resp: 257262

Ion Ratio Lower Upper

188 100

94 13.3 5.4 8.0#

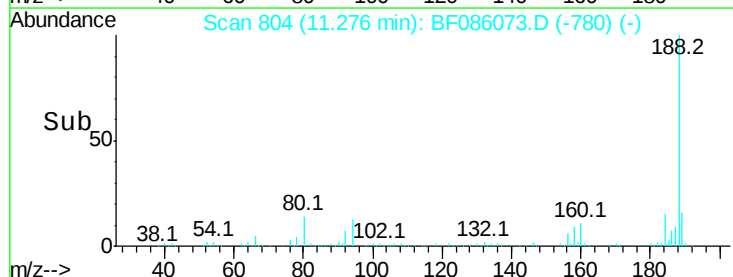
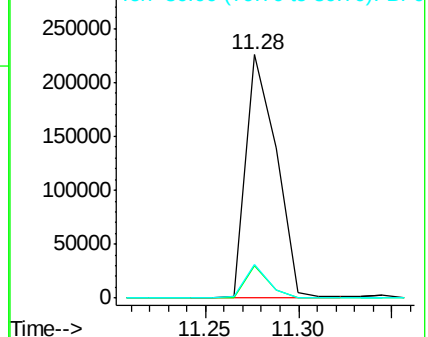
80 13.8 5.5 8.3#

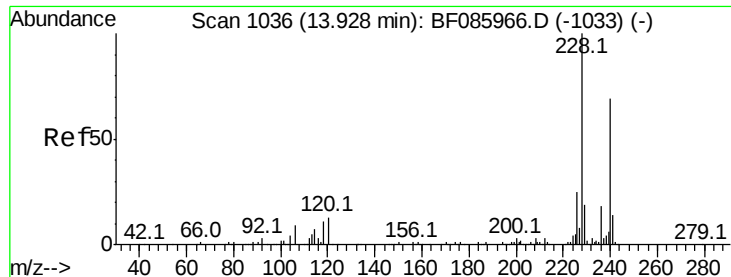


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.92 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF086073.D

Acq: 5 Apr 2016 9:16

Instrument :

BNA_F

ClientSampleId :

WC-1

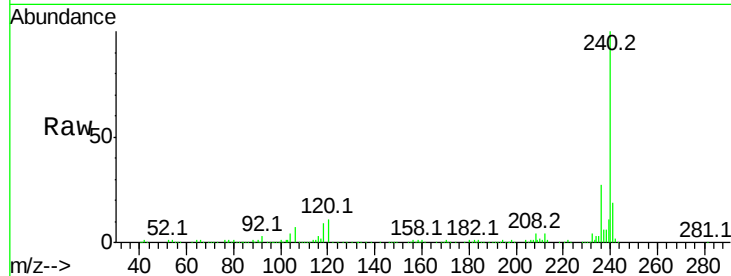
Tot Ion:240 Resp: 203712

Ion Ratio Lower Upper

240 100

120 11.1 13.8 20.8#

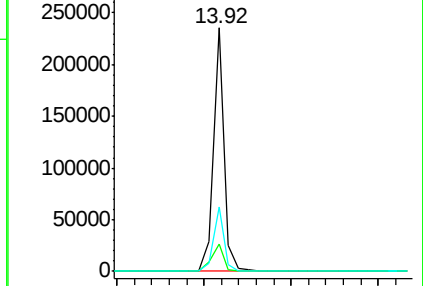
236 26.6 20.6 30.8



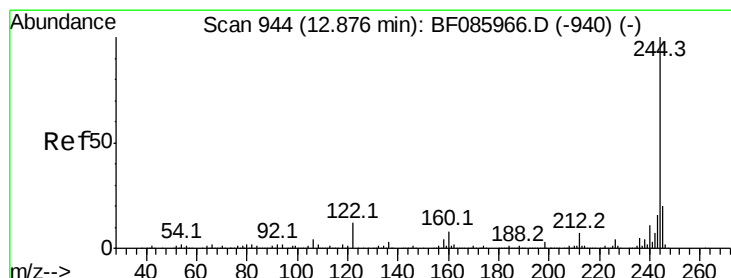
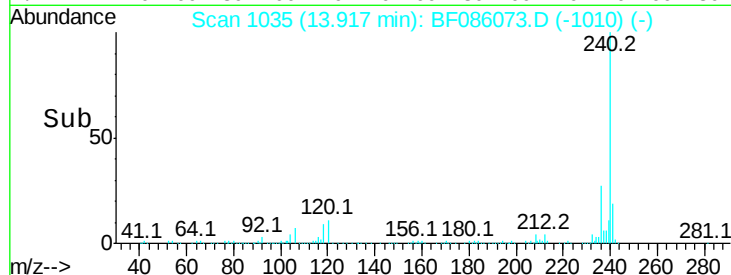
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 13.80 13.90 14.00 14.10



#78

Terphenyl-d14

Concen: 88.50 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF086073.D

Acq: 5 Apr 2016 9:16

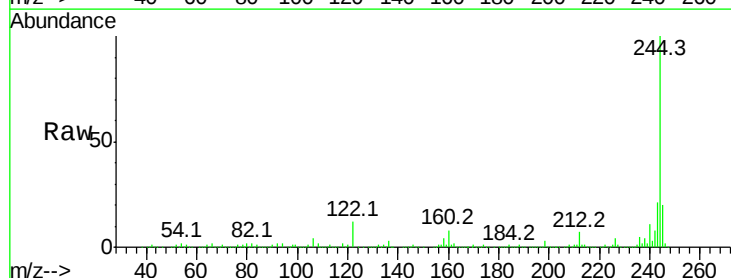
Tgt Ion:244 Resp: 766980

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

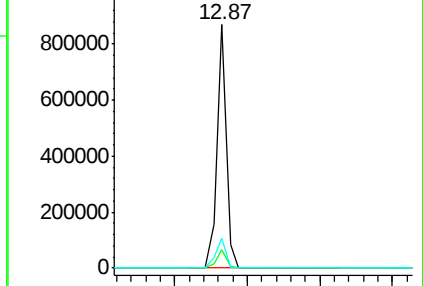
122 12.2 10.2 15.4



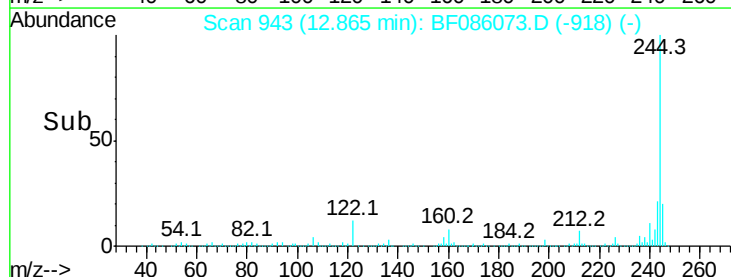
Abundance Ion 244.00 (243.70 to 244.70): E

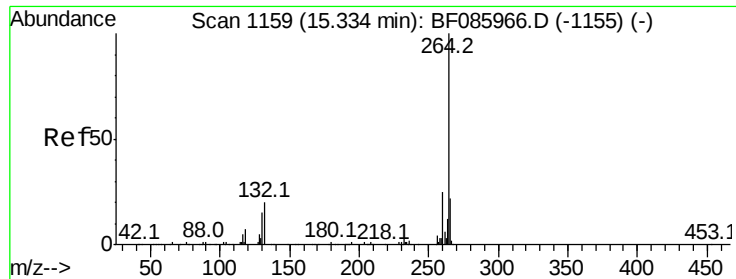
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 12.80 12.90 13.00

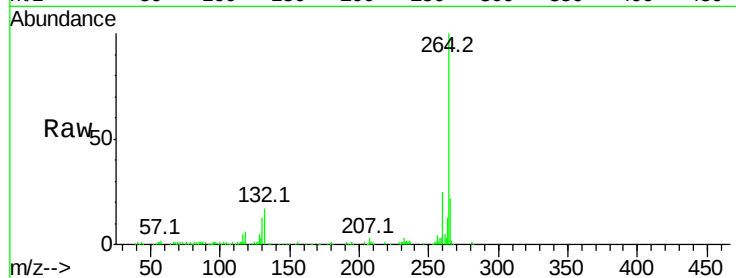




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1158
 Delta R.T. -0.01 min
 Lab File: BF086073.D
 Acq: 5 Apr 2016 9:16

Instrument :
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 ClientSampleId :
 WC-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	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

