

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
 Data File : BF085193.D
 Acq On : 4 Mar 2016 8:22
 Operator : SJ/UM
 Sample : H1673-01
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1601274079-80-81-82-COMP

Quant Time: Mar 04 13:49:54 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	127163	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	516681	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	219242	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	356778	20.00	ng	0.00
75) Chrysene-d12	14.15	240	267211	20.00	ng	0.00
86) Perylene-d12	15.63	264	286038	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	57063	7.53	ng	0.00
7) Phenol-d6	6.60	99	85240	8.58	ng	-0.01
23) Nitrobenzene-d5	7.53	82	63837	6.61	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	6290	3.35	ng	-0.01
44) 2-Fluorobiphenyl	9.34	172	114342	7.93	ng	-0.01
78) Terphenyl-d14	13.09	244	77565	6.74	ng	0.00

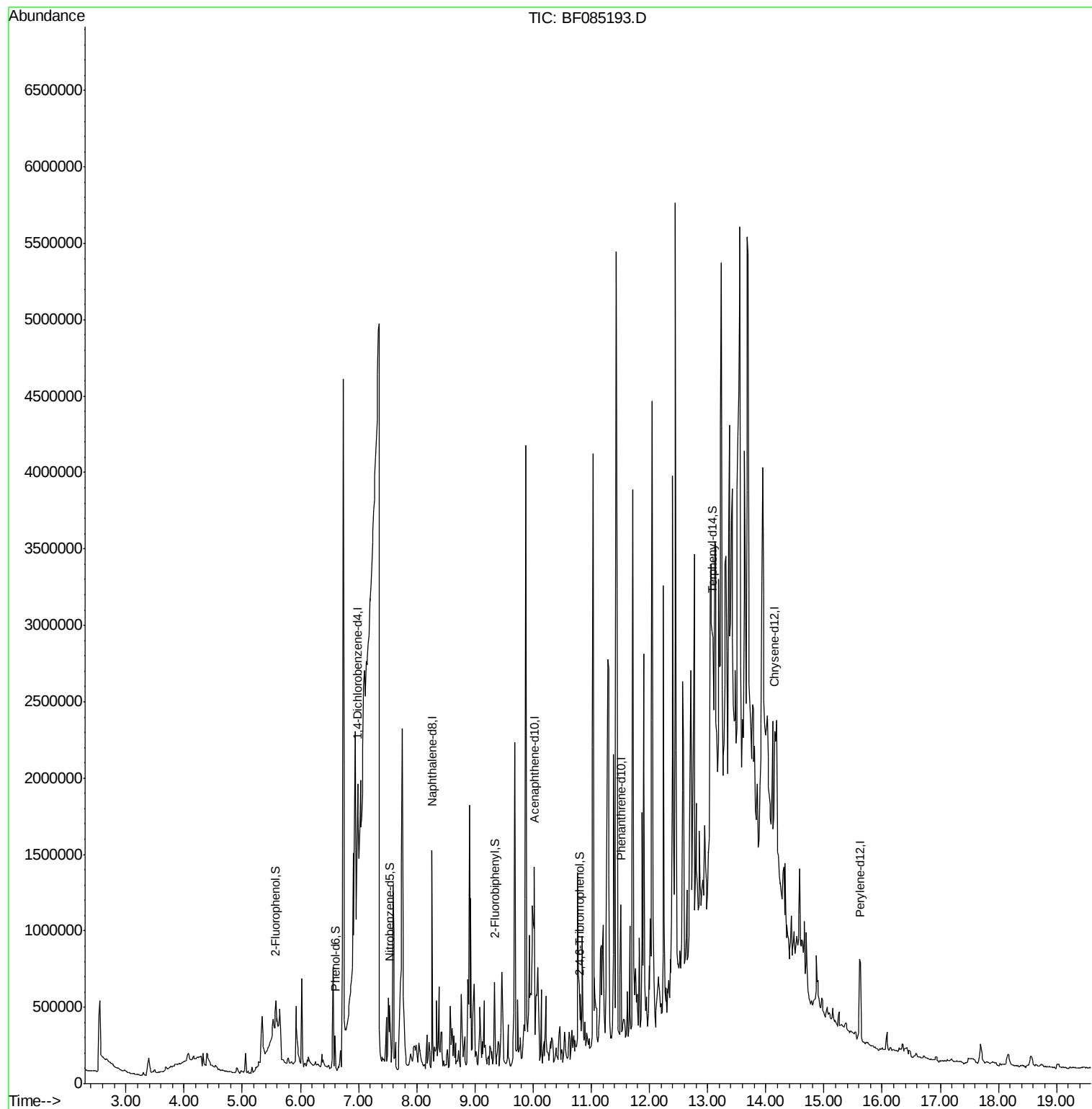
Target Compounds	Qvalue
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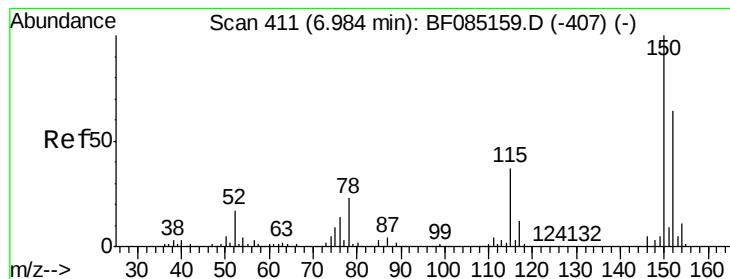
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.98 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF085193.D

Acq: 4 Mar 2016 8:22

Instrument :

BNA_F

ClientSampleId :

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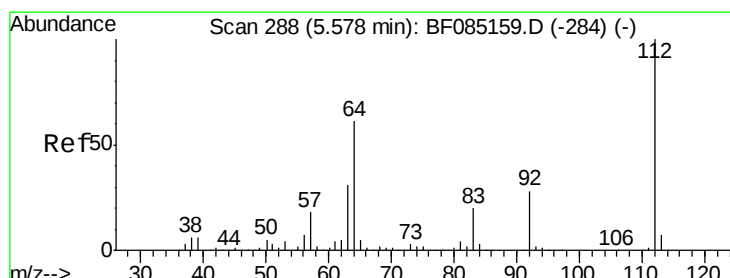
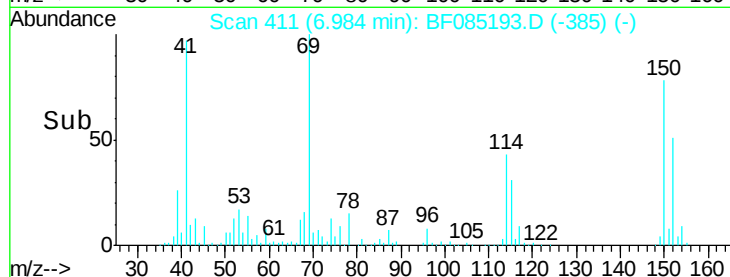
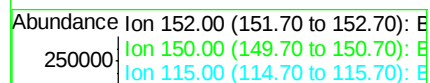
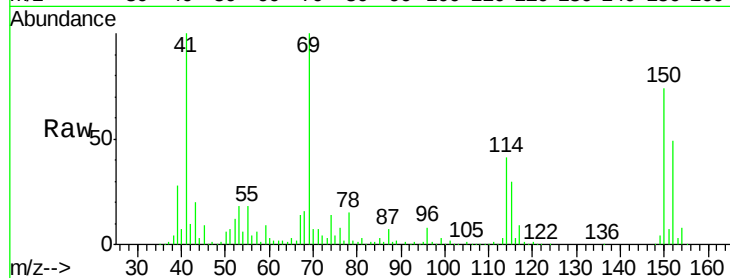
Tgt Ion:152 Resp: 127163

Ion Ratio Lower Upper

152 100

150 153.4 124.6 186.8

115 61.0 46.6 70.0



#5

2-Fluorophenol

Concen: 7.53 ng

RT: 5.58 min Scan# 288

Delta R.T. 0.00 min

Lab File: BF085193.D

Acq: 4 Mar 2016 8:22

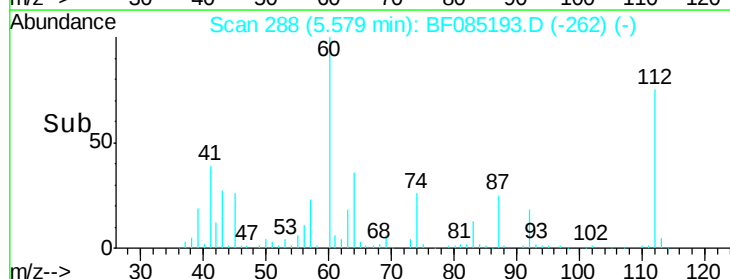
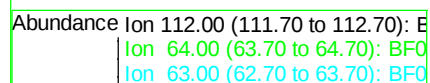
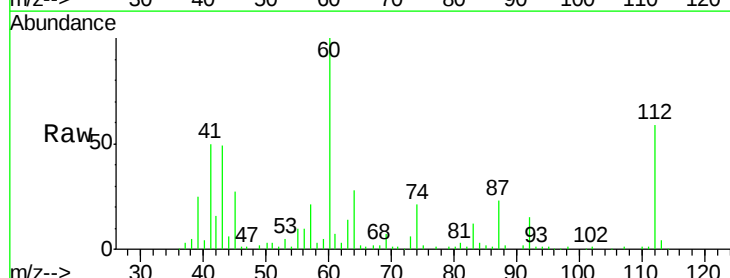
Tgt Ion:112 Resp: 57063

Ion Ratio Lower Upper

112 100

64 47.4 49.0 73.4#

63 23.8 24.8 37.2#





#7

Phenol-d6

Concen: 8.58 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF085193.D

Acq: 4 Mar 2016 8:22

Instrument :

BNA_F

ClientSampleId :

1601274079-80-81-82-COMP

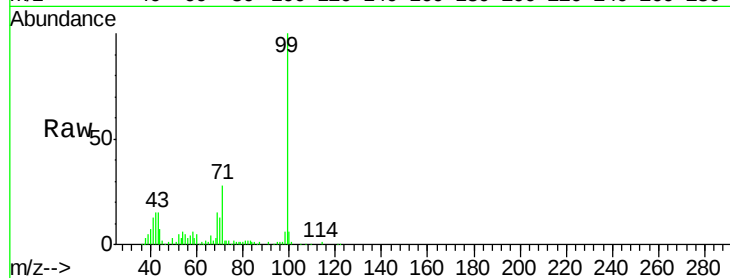
Tgt Ion: 99 Resp: 85240

Ion Ratio Lower Upper

99 100

42 15.1 13.6 20.4

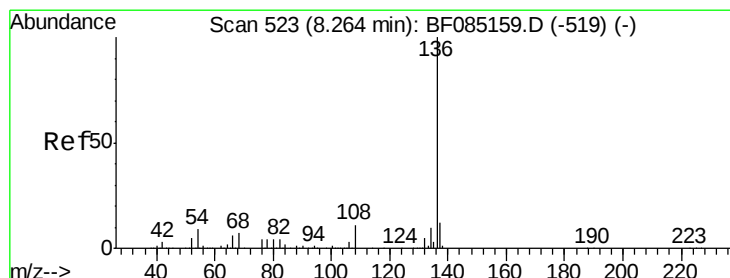
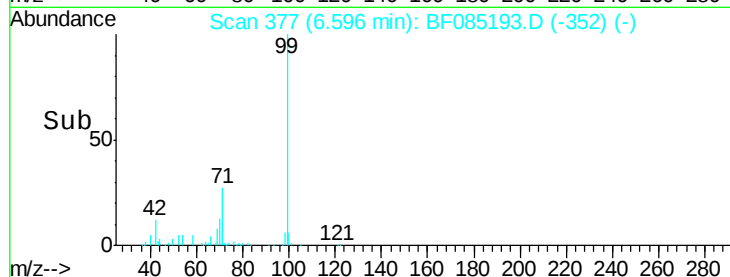
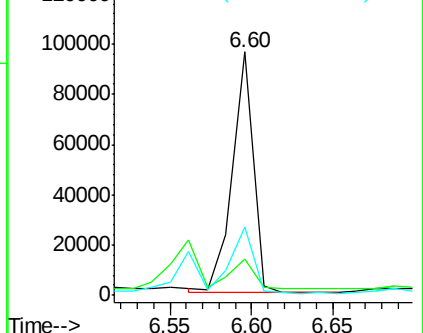
71 28.1 26.7 40.1



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: 8.26 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF085193.D

Acq: 4 Mar 2016 8:22

Tgt Ion: 136 Resp: 516681

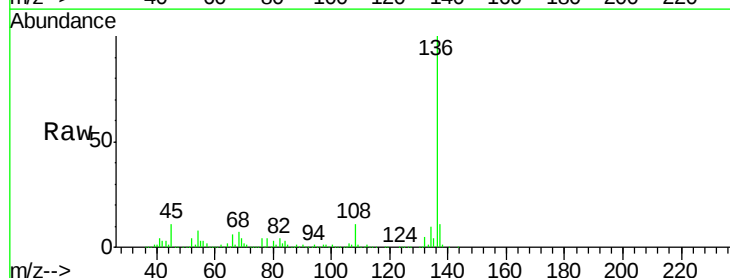
Ion Ratio Lower Upper

136 100

137 11.1 9.3 13.9

54 8.4 7.4 11.2

68 7.3 6.0 9.0

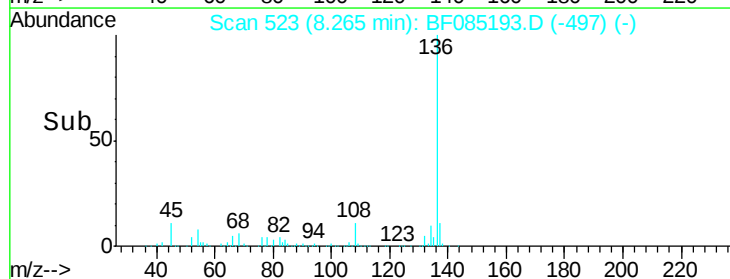
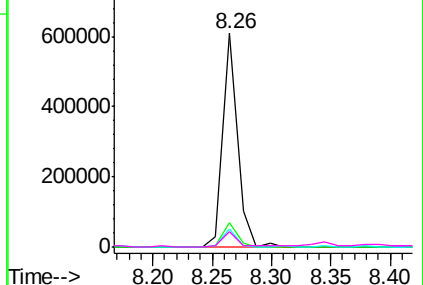


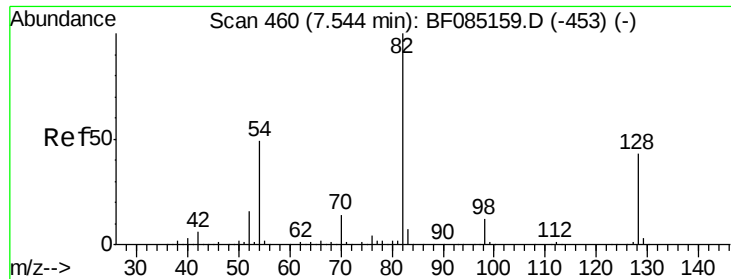
Abundance Ion 136.00 (135.70 to 136.70): E

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

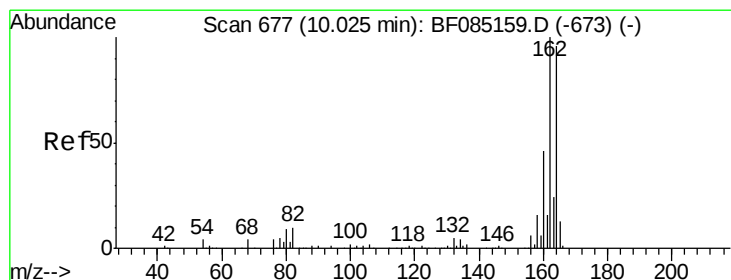
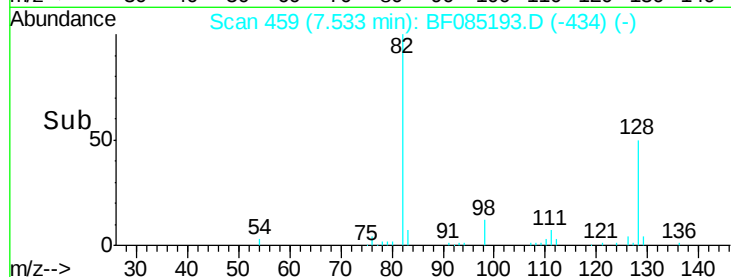
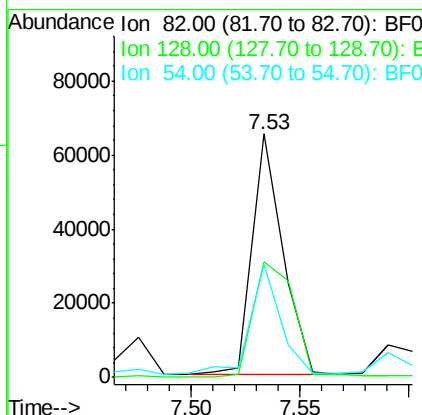
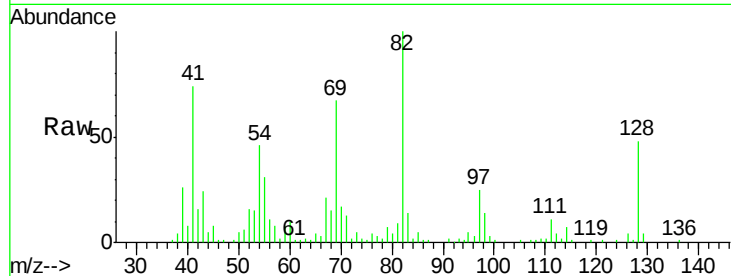




#23
Nitrobenzene-d5
Concen: 6.61 ng
RT: 7.53 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF085193.D
Acq: 4 Mar 2016 8:22

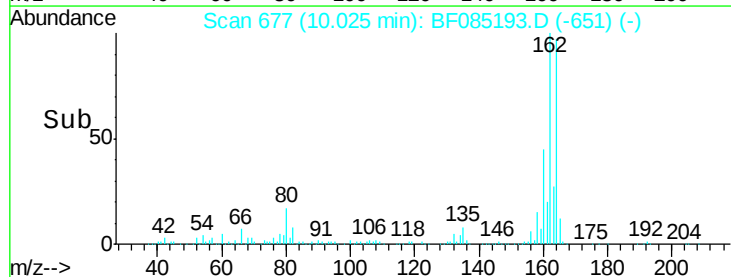
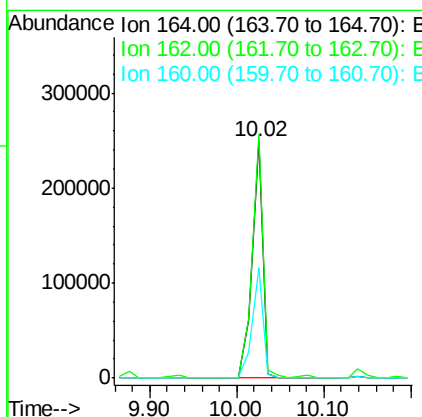
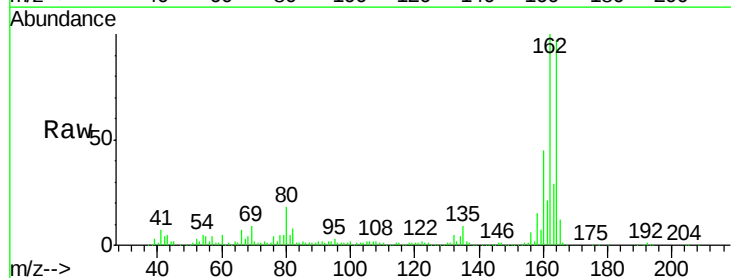
Instrument :
BNA_F
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1601274079-80-81-82-COMP

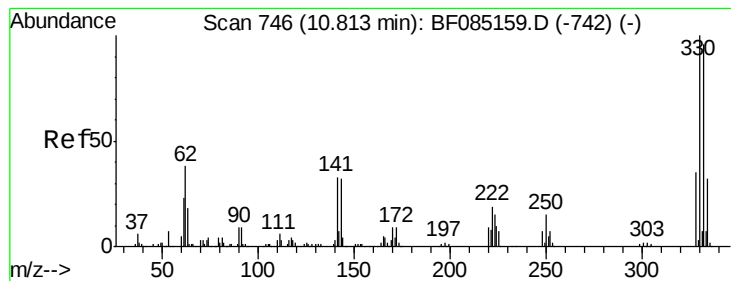
Tgt Ion: 82 Resp: 63837
Ion Ratio Lower Upper
82 100
128 47.6 34.5 51.7
54 46.2 39.3 58.9



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.02 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF085193.D
Acq: 4 Mar 2016 8:22

Tgt Ion: 164 Resp: 219242
Ion Ratio Lower Upper
164 100
162 102.9 83.3 124.9
160 46.6 37.9 56.9

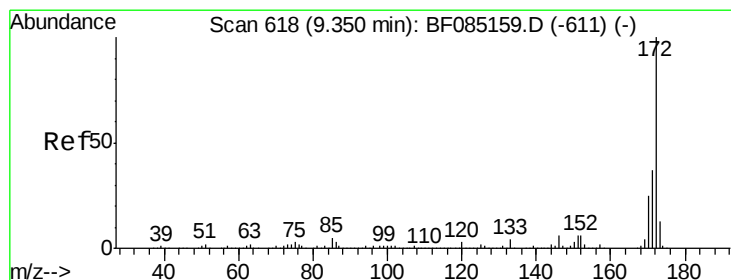
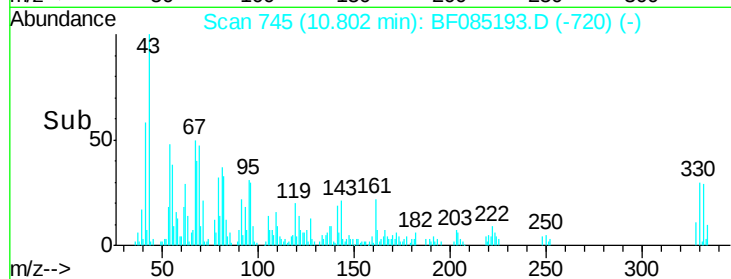
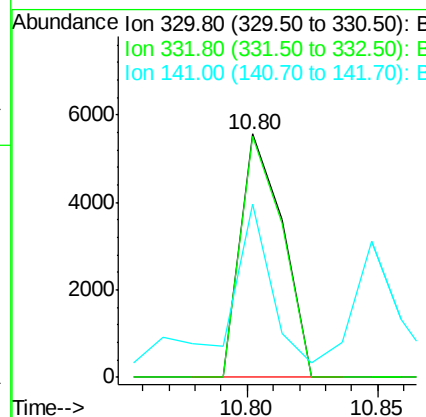
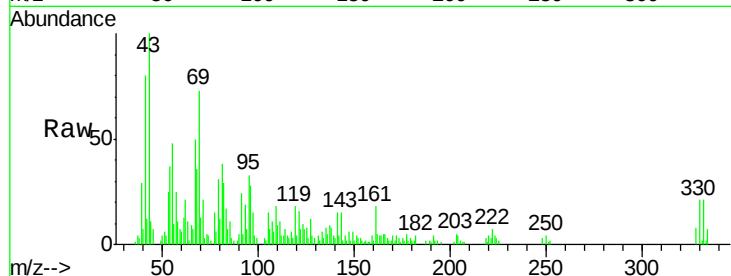




#41
 2,4,6-Tribromophenol
 Concen: 3.35 ng
 RT: 10.80 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF085193.D
 Acq: 4 Mar 2016 8:22

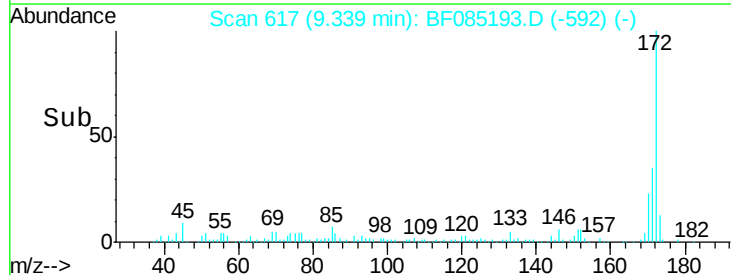
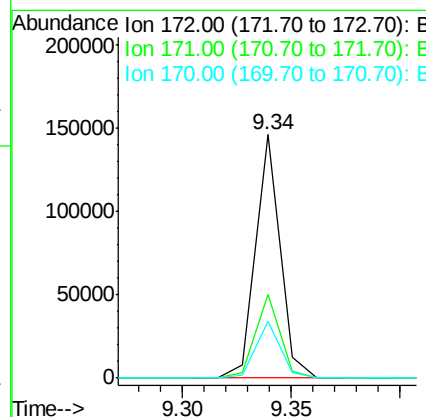
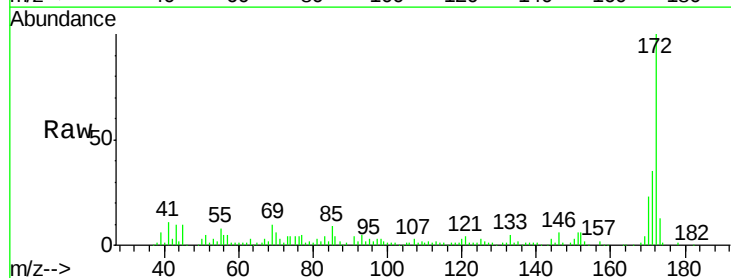
Instrument :
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 ClientSampleId :
 1601274079-80-81-82-COMP

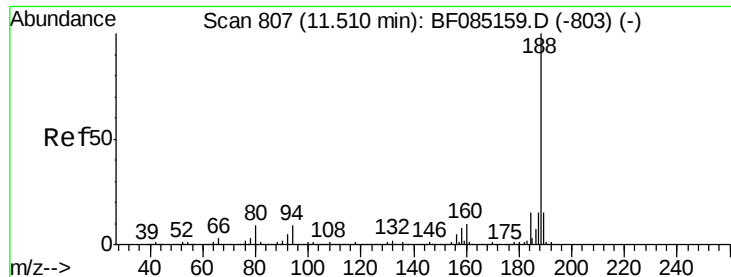
Tgt Ion:330 Resp: 6290
 Ion Ratio Lower Upper
 330 100
 332 98.4 77.1 115.7
 141 62.6 35.0 52.6#



#44
 2-Fluorobiphenyl
 Concen: 7.93 ng
 RT: 9.34 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF085193.D
 Acq: 4 Mar 2016 8:22

Tgt Ion:172 Resp: 114342
 Ion Ratio Lower Upper
 172 100
 171 34.5 29.3 43.9
 170 23.3 20.0 30.0

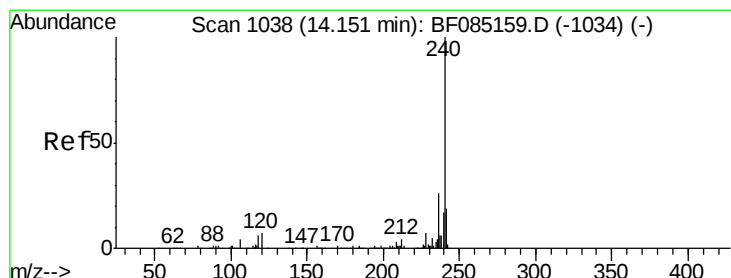
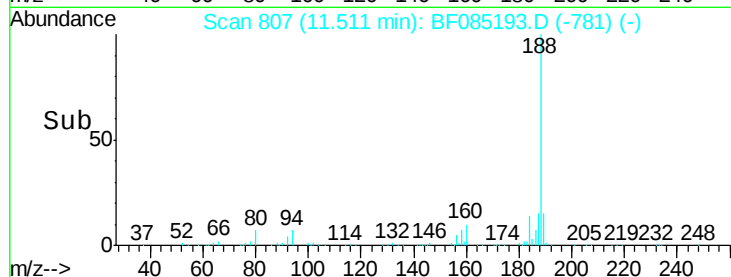
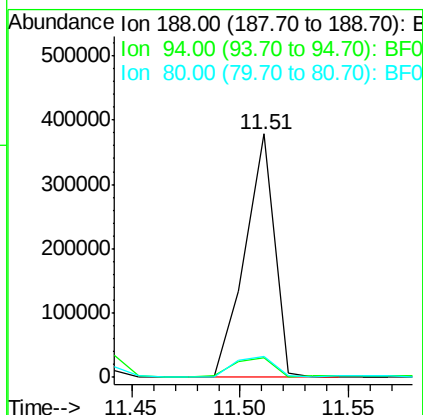
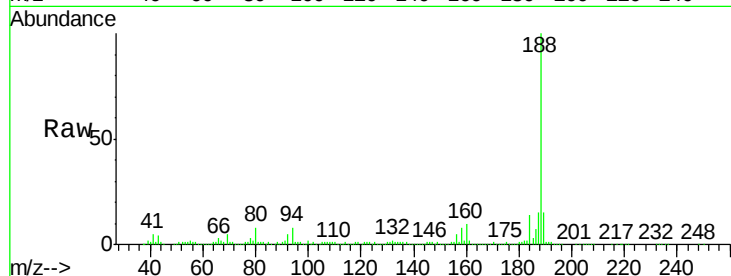




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF085193.D
Acq: 4 Mar 2016 8:22

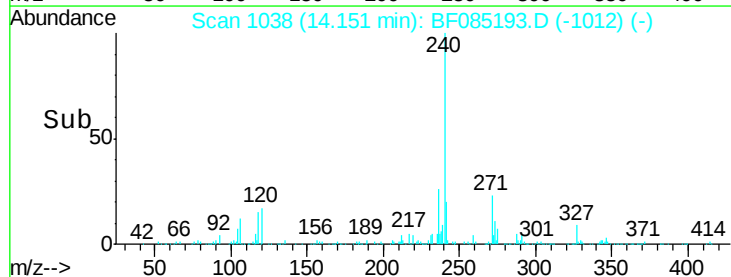
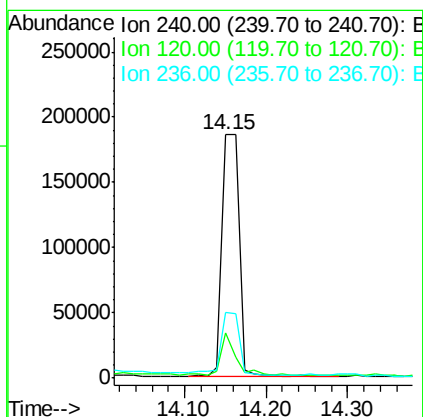
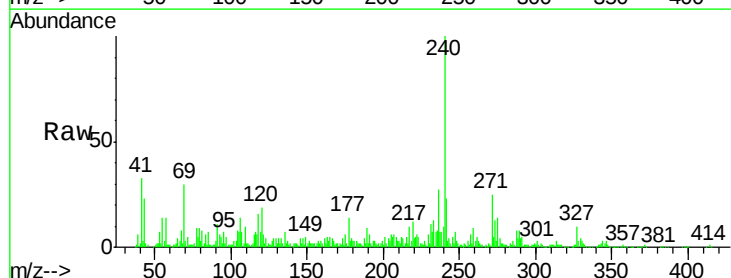
Instrument :
BNA_F
ClientSampleId :
1601274079-80-81-82-COMP

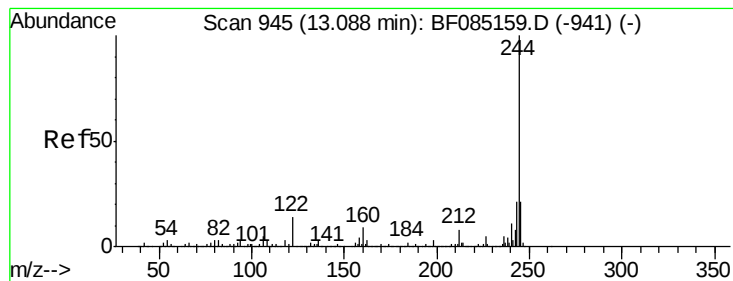
Tgt Ion:188 Resp: 356778
Ion Ratio Lower Upper
188 100
94 8.0 7.0 10.6
80 8.3 7.4 11.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.15 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF085193.D
Acq: 4 Mar 2016 8:22

Tgt Ion:240 Resp: 267211
Ion Ratio Lower Upper
240 100
120 18.6 5.3 7.9#
236 27.0 20.7 31.1





#78

Terphenyl-d14

Concen: 6.74 ng

RT: 13.09 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF085193.D

Acq: 4 Mar 2016 8:22

Instrument :

BNA_F

ClientSampleId :

1601274079-80-81-82-COMP

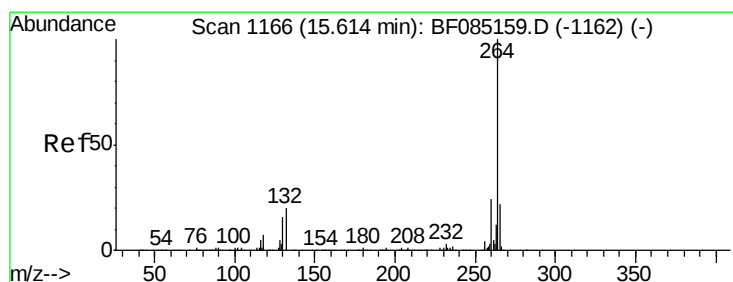
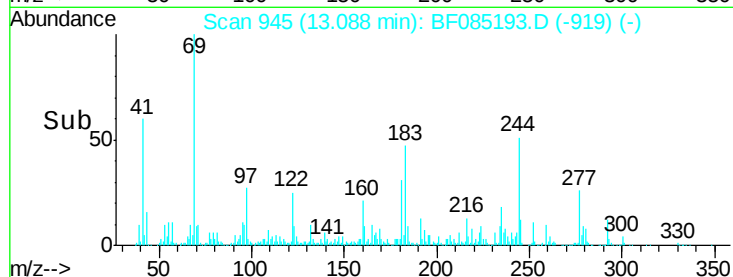
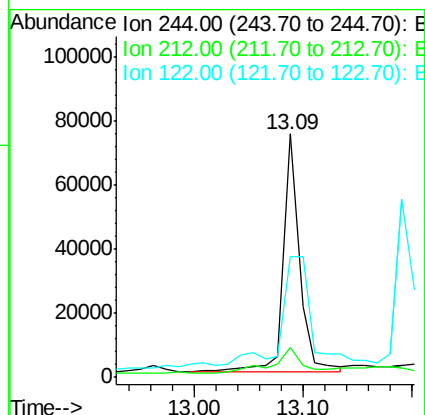
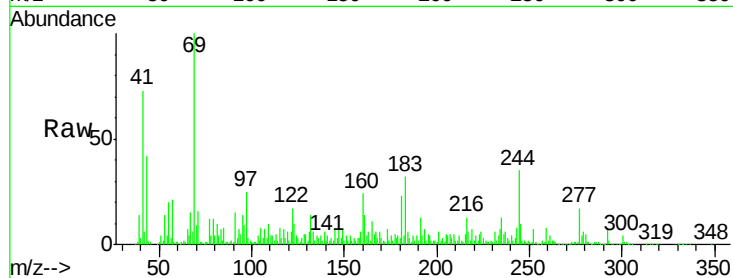
Tgt Ion:244 Resp: 77565

Ion Ratio Lower Upper

244 100

212 12.3 6.4 9.6#

122 49.7 11.4 17.2#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.63 min Scan# 1167

Delta R.T. 0.01 min

Lab File: BF085193.D

Acq: 4 Mar 2016 8:22

Tgt Ion:264 Resp: 286038

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

265 21.5 17.3 25.9

