

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
 Data File : BF085308.D
 Acq On : 9 Mar 2016 19:39
 Operator : UM/SJ
 Sample : H1724-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UST-GW

Quant Time: Mar 10 00:42:37 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

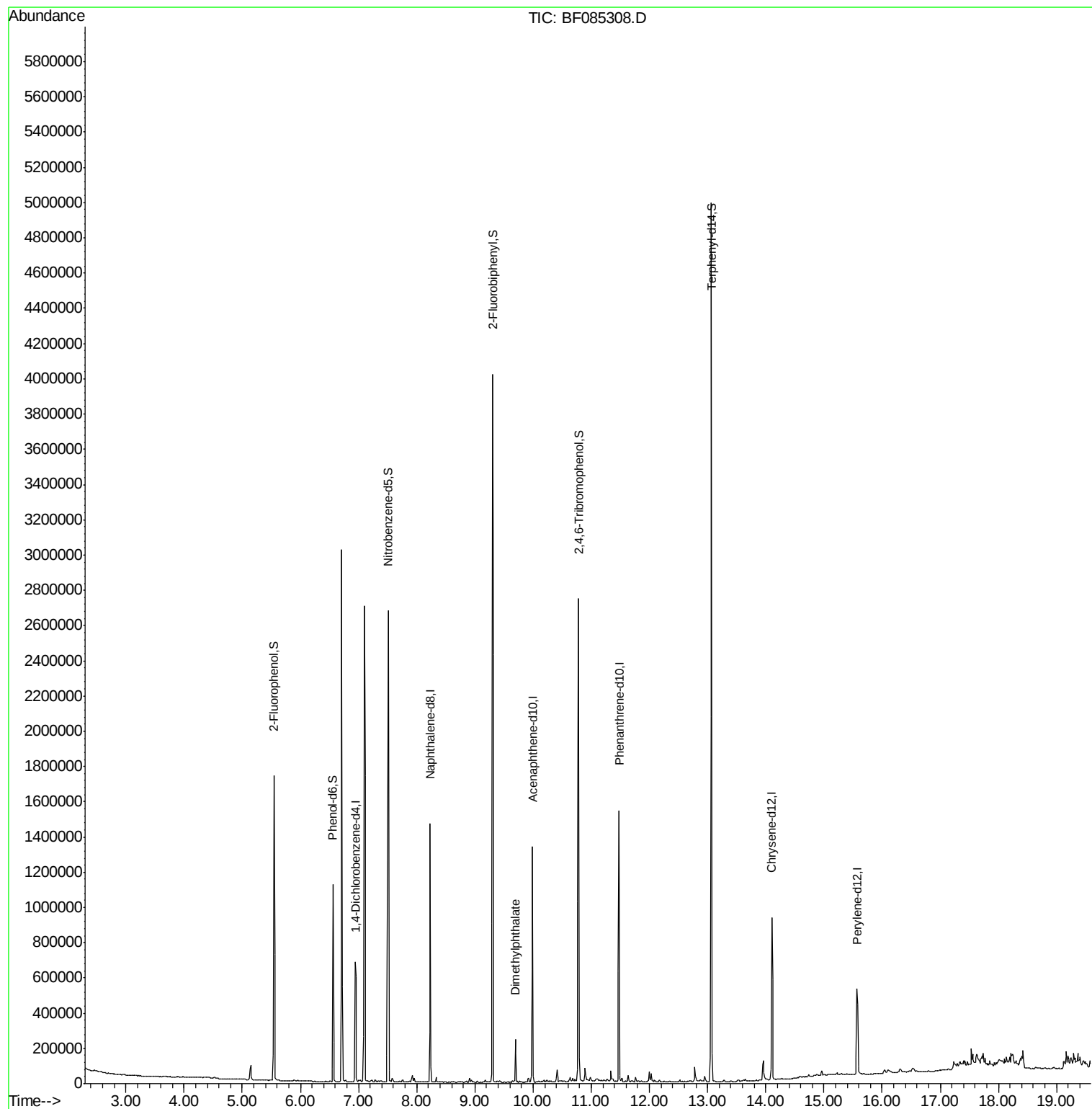
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	151998	20.00	ng	-0.03
21) Naphthalene-d8	8.23	136	636714	20.00	ng	-0.03
38) Acenaphthene-d10	9.99	164	298807	20.00	ng	-0.03
63) Phenanthrene-d10	11.48	188	606971	20.00	ng	-0.03
75) Chrysene-d12	14.11	240	383653	20.00	ng	-0.05
86) Perylene-d12	15.57	264	257317	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	552650	60.99	ng	-0.03
7) Phenol-d6	6.56	99	374783	31.57	ng	-0.05
23) Nitrobenzene-d5	7.51	82	1010330	84.91	ng	-0.03
41) 2,4,6-Tribromophenol	10.78	330	335245	131.12	ng	-0.03
44) 2-Fluorobiphenyl	9.30	172	1762232	89.69	ng	-0.05
78) Terphenyl-d14	13.06	244	1660982	100.50	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.69	163	131286	5.72	ng	Qvalue # 99

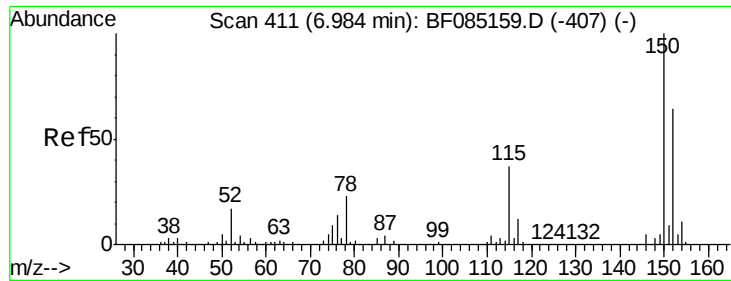
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.95 min Scan# 408

Delta R.T. -0.03 min

Lab File: BF085308.D

Acq: 9 Mar 2016 19:39

Instrument :

BNA_F

ClientSampleId :

UST-GW

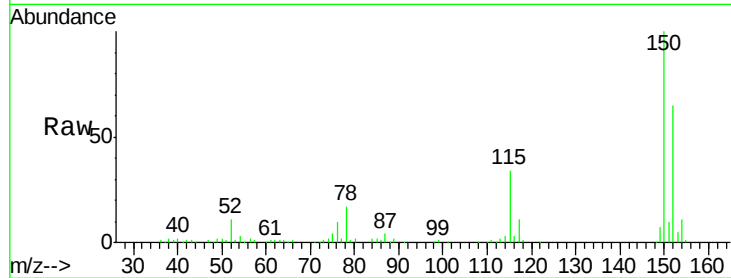
Tgt Ion:152 Resp: 151998

Ion Ratio Lower Upper

152 100

150 153.3 124.6 186.8

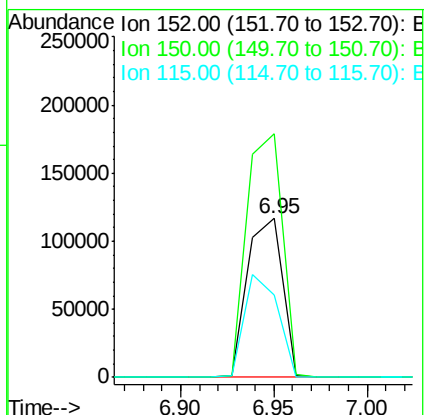
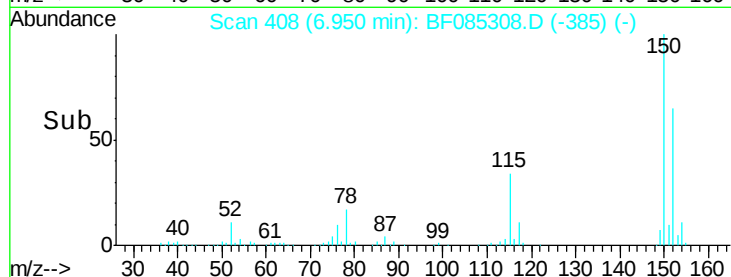
115 51.8 46.6 70.0



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: 60.99 ng

RT: 5.54 min Scan# 285

Delta R.T. -0.03 min

Lab File: BF085308.D

Acq: 9 Mar 2016 19:39

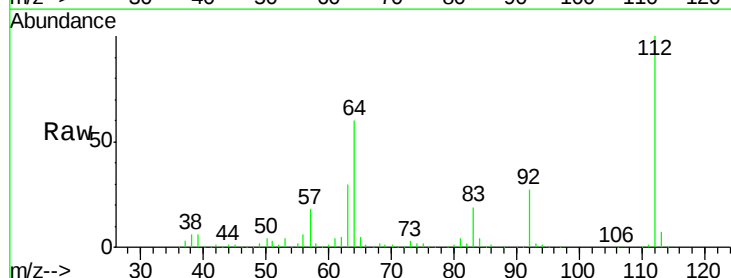
Tgt Ion:112 Resp: 552650

Ion Ratio Lower Upper

112 100

64 60.3 49.0 73.4

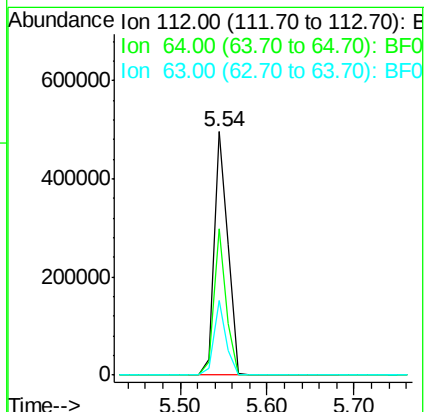
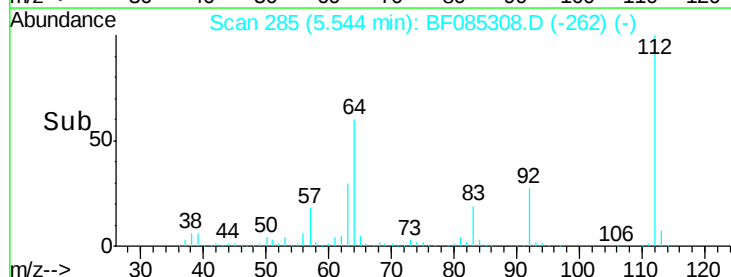
63 30.5 24.8 37.2



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: 31.57 ng

RT: 6.56 min Scan# 374

Delta R.T. -0.05 min

Lab File: BF085308.D

Acq: 9 Mar 2016 19:39

Instrument :

BNA_F

ClientSampleId :

UST-GW

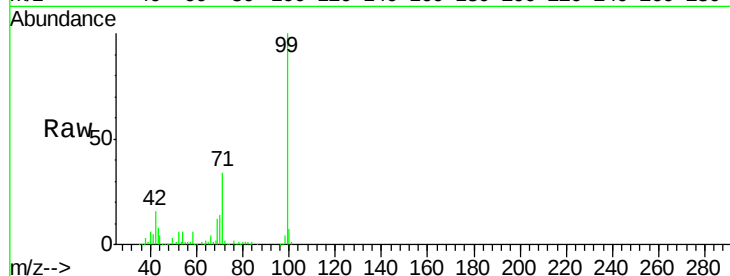
Tgt Ion: 99 Resp: 374783

Ion Ratio Lower Upper

99 100

42 16.4 13.6 20.4

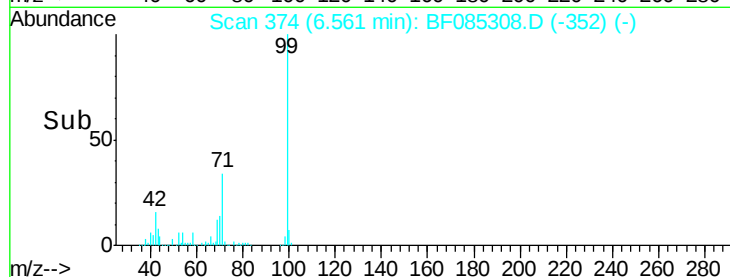
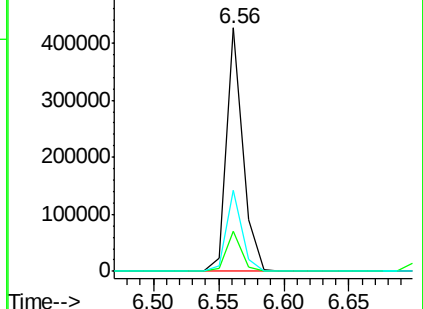
71 33.5 26.7 40.1



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: 8.23 min Scan# 520

Delta R.T. -0.03 min

Lab File: BF085308.D

Acq: 9 Mar 2016 19:39

Tgt Ion: 136 Resp: 636714

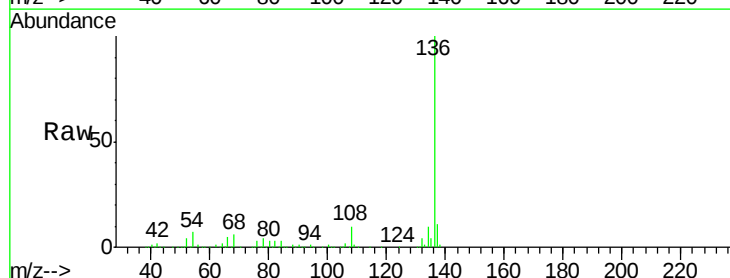
Ion Ratio Lower Upper

136 100

137 11.0 9.3 13.9

54 6.9 7.4 11.2#

68 5.9 6.0 9.0#

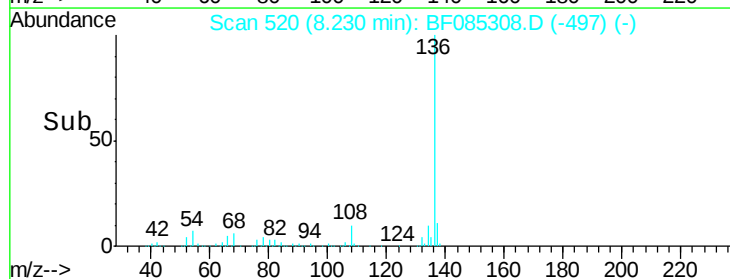
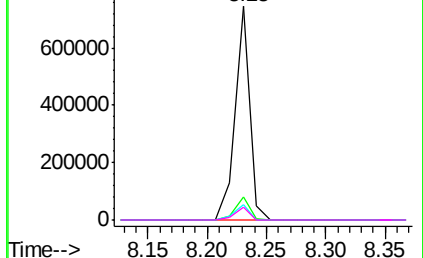


Abundance Ion 136.00 (135.70 to 136.70): E

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

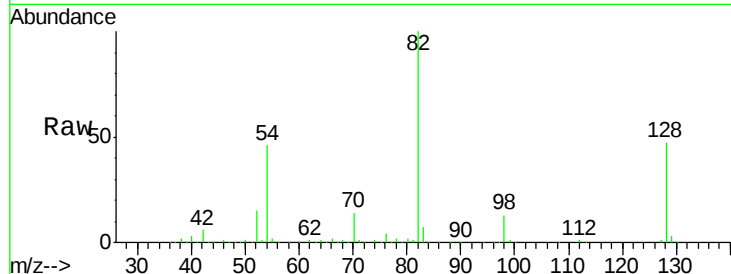




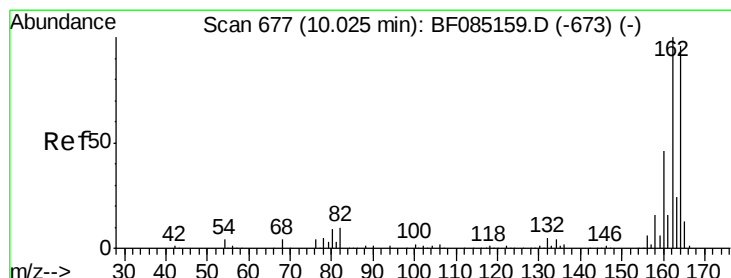
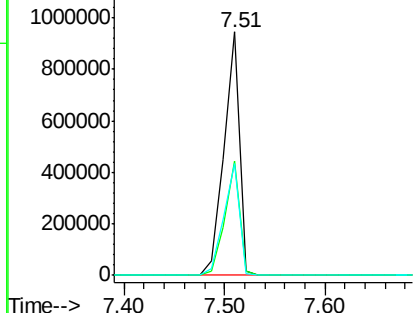
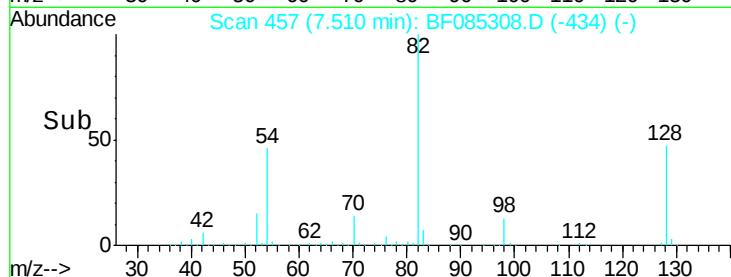
#23
 Nitrobenzene-d5
 Concen: 84.91 ng
 RT: 7.51 min Scan# 457
 Delta R.T. -0.03 min
 Lab File: BF085308.D
 Acq: 9 Mar 2016 19:39

Instrument :
 BNA_F
 ClientSampleId :
 UST-GW

Tgt Ion: 82 Resp: 1010330
 Ion Ratio Lower Upper
 82 100
 128 47.0 34.5 51.7
 54 45.9 39.3 58.9

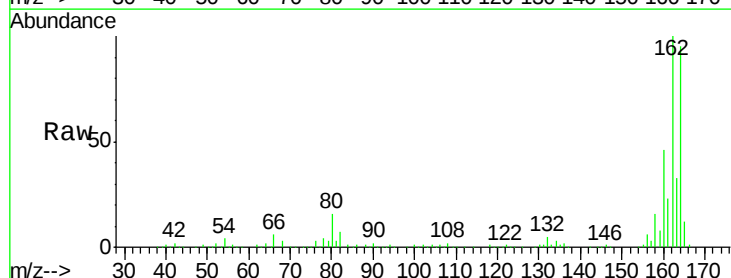


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

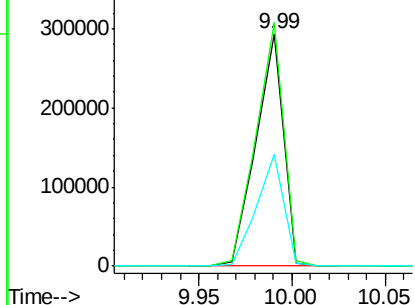
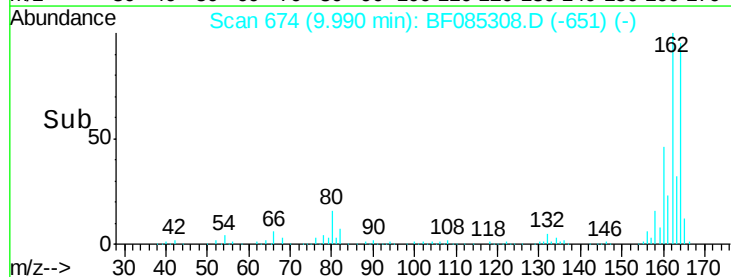


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.99 min Scan# 674
 Delta R.T. -0.03 min
 Lab File: BF085308.D
 Acq: 9 Mar 2016 19:39

Tgt Ion: 164 Resp: 298807
 Ion Ratio Lower Upper
 164 100
 162 104.9 83.3 124.9
 160 48.0 37.9 56.9



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

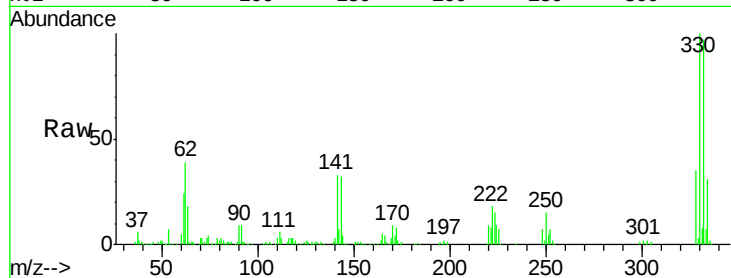




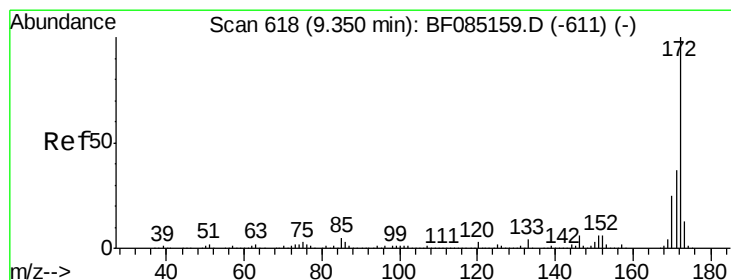
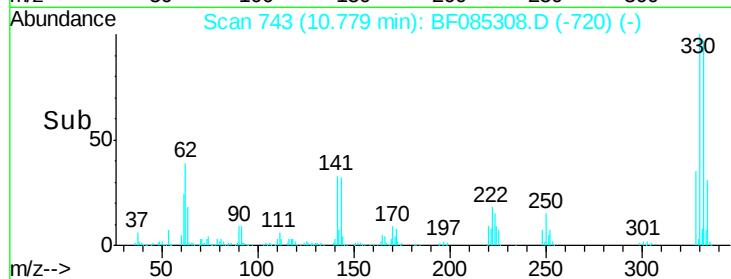
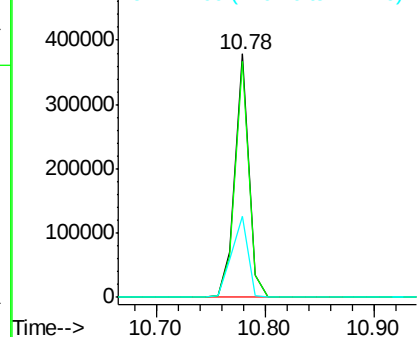
#41
 2,4,6-Tribromophenol
 Concen: 131.12 ng
 RT: 10.78 min Scan# 743
 Delta R.T. -0.03 min
 Lab File: BF085308.D
 Acq: 9 Mar 2016 19:39

Instrument :
 BNA_F
 ClientSampleId :
 UST-GW

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.1	115.7
141	38.8	35.0	52.6

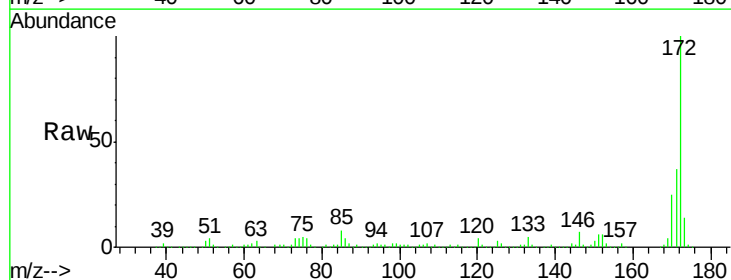


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

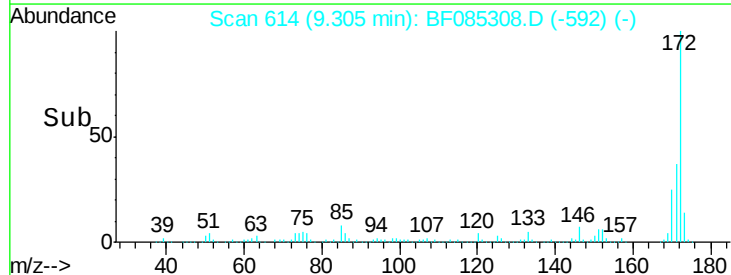
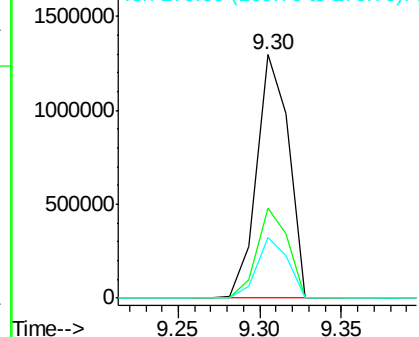


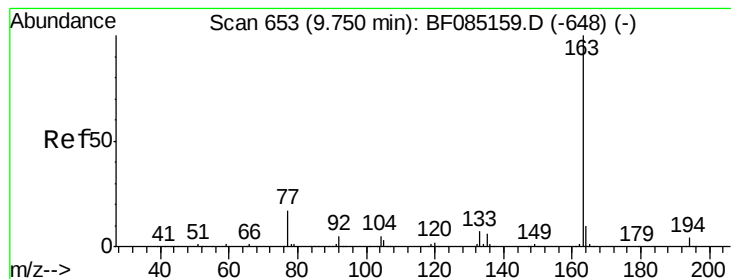
#44
 2-Fluorobiphenyl
 Concen: 89.69 ng
 RT: 9.30 min Scan# 614
 Delta R.T. -0.05 min
 Lab File: BF085308.D
 Acq: 9 Mar 2016 19:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.3	43.9
170	24.7	20.0	30.0



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





#49

Dimethylphthalate

Concen: 5.72 ng

RT: 9.69 min Scan# 648

Delta R.T. -0.06 min

Lab File: BF085308.D

Acq: 9 Mar 2016 19:39

Instrument :

BNA_F

ClientSampleId :

UST-GW

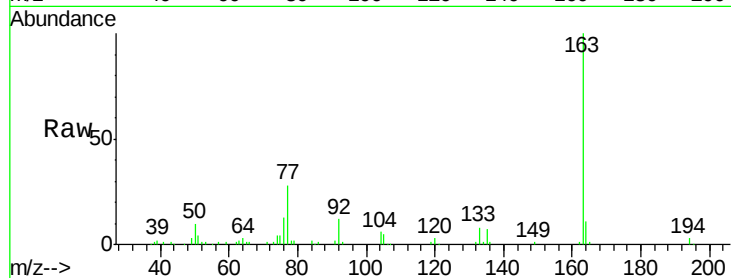
Tgt Ion:163 Resp: 131286

Ion Ratio Lower Upper

163 100

194 2.9 3.1 4.7#

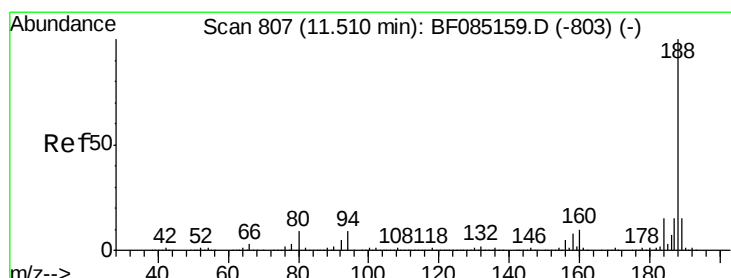
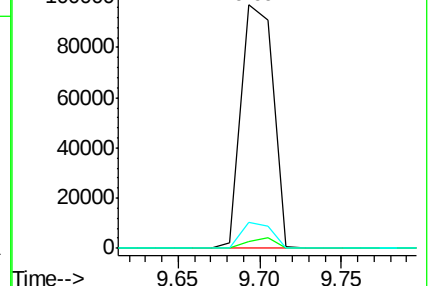
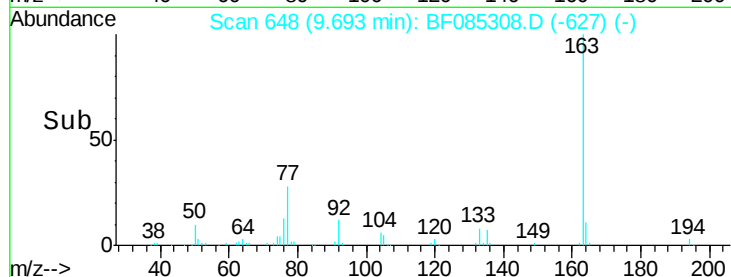
164 10.5 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.48 min Scan# 804

Delta R.T. -0.03 min

Lab File: BF085308.D

Acq: 9 Mar 2016 19:39

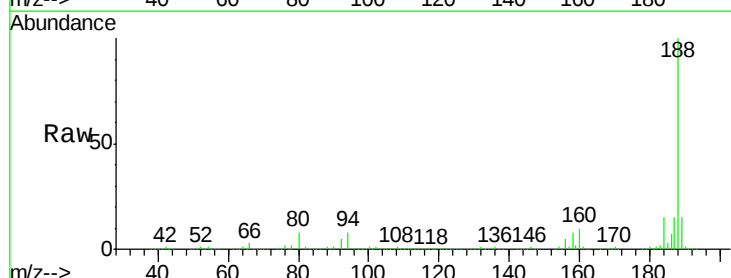
Tgt Ion:188 Resp: 606971

Ion Ratio Lower Upper

188 100

94 7.9 7.0 10.6

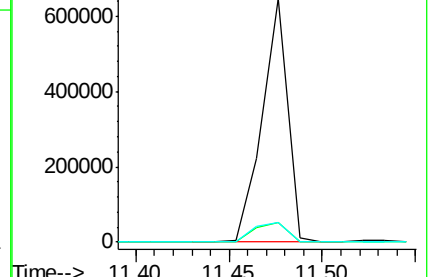
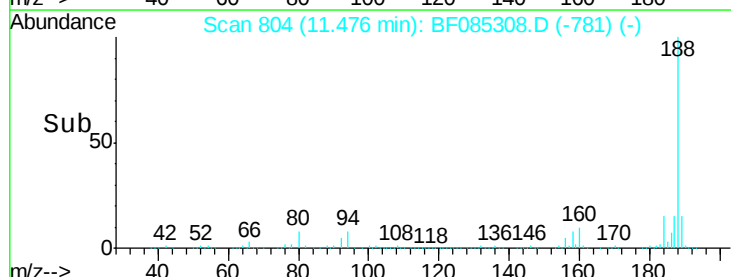
80 8.2 7.4 11.0

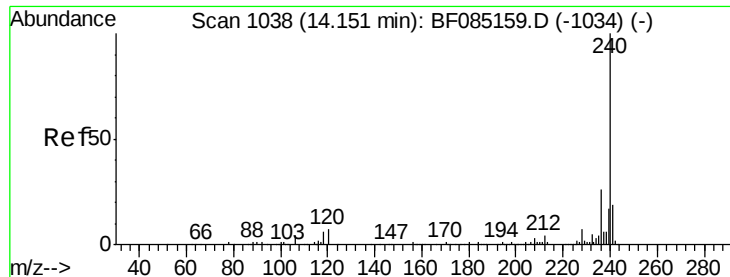


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.11 min Scan# 1034

Delta R.T. -0.05 min

Lab File: BF085308.D

Acq: 9 Mar 2016 19:39

Instrument :

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ClientSampleId :

UST-GW

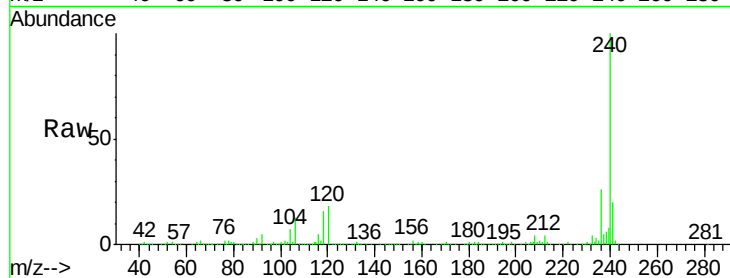
Tgt Ion:240 Resp: 383653

Ion Ratio Lower Upper

240 100

120 17.6 5.3 7.9#

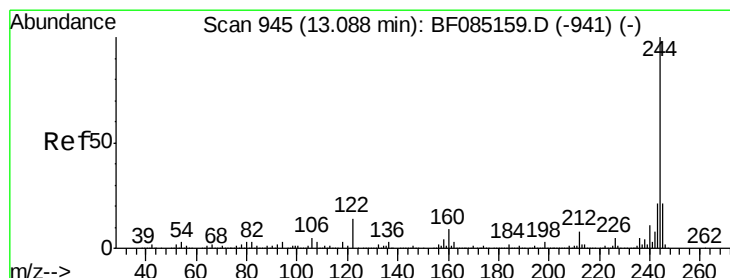
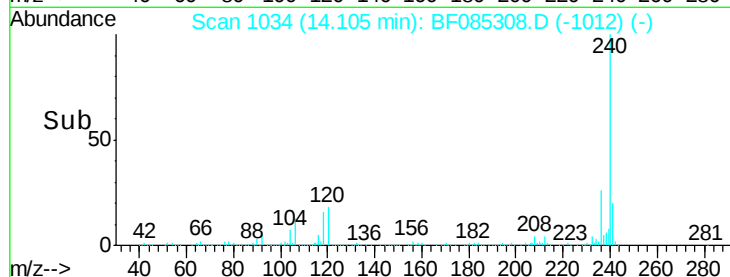
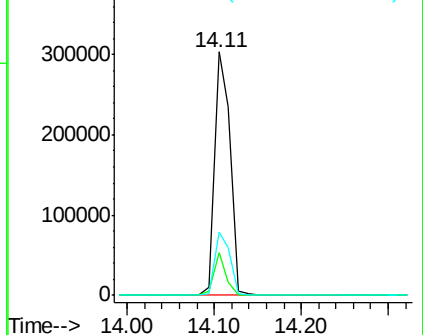
236 26.0 20.7 31.1



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: 100.50 ng

RT: 13.06 min Scan# 943

Delta R.T. -0.02 min

Lab File: BF085308.D

Acq: 9 Mar 2016 19:39

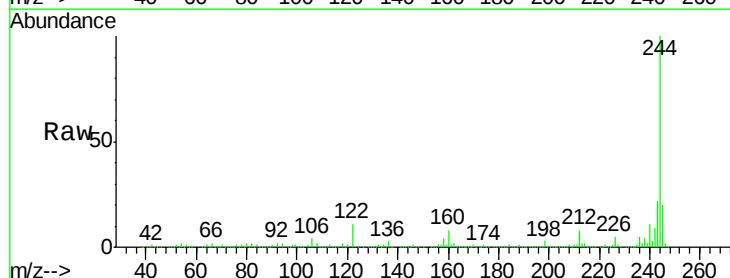
Tgt Ion:244 Resp: 1660982

Ion Ratio Lower Upper

244 100

212 7.5 6.4 9.6

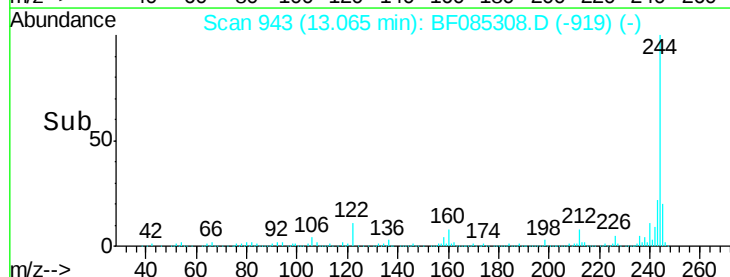
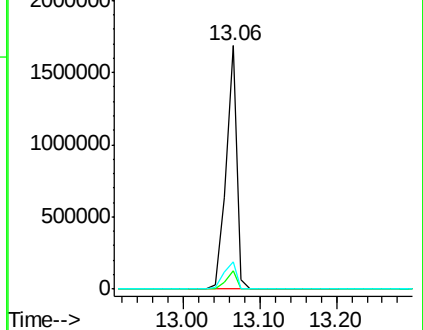
122 11.0 11.4 17.2#

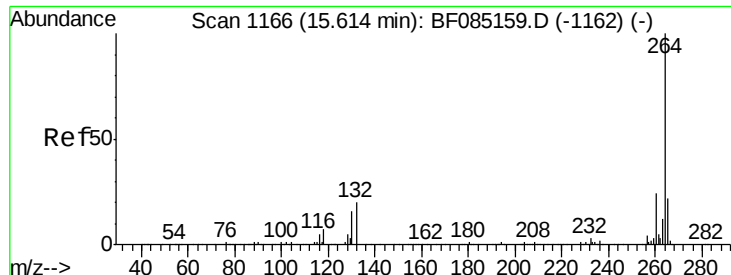


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.57 min Scan# 1162
Delta R.T. -0.05 min
Lab File: BF085308.D
Acq: 9 Mar 2016 19:39

Instrument :
BNA_F
ClientSampleId :
UST-GW

Tgt Ion: 264 Resp: 257317
Ion Ratio Lower Upper
264 100
260 23.2 19.2 28.8
265 21.5 17.3 25.9

