

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 09 23:51:15 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

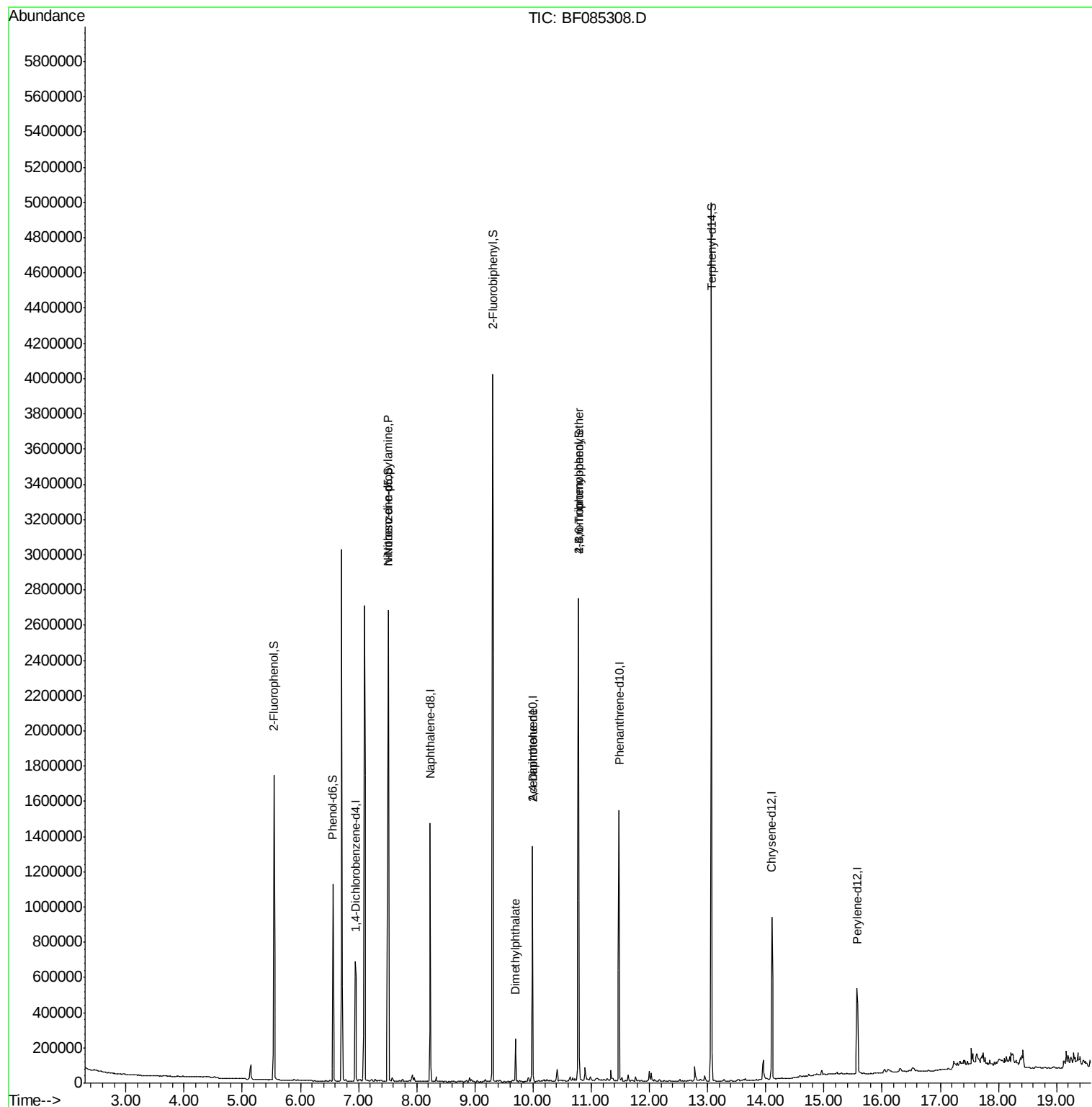
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	151998	20.00	ng	-0.03
21) Naphthalene-d8	8.23	136	636714	20.00	ng	-0.03
38) Acenaphthene-d10	9.99	164	298807	20.00	ng	-0.03
63) Phenanthrene-d10	11.48	188	606971	20.00	ng	-0.03
75) Chrysene-d12	14.11	240	383653	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						
19) n-Nitroso-di-n-propylamine	7.51	70	137037	17.71	ng	# 77
49) Dimethylphthalate	9.69	163	131286	5.72	ng	# 99
56) 2,4-Dinitrotoluene	9.99	165	38121	6.07	ng	# 22
66) 4-Bromophenyl-phenylether	10.78	248	24296	4.12	ng	# 1

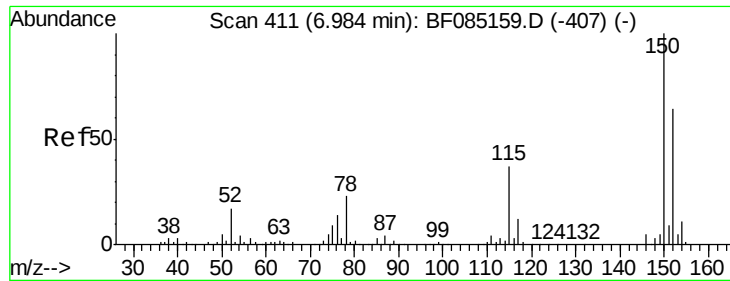
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 04 00:54:58 2016
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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

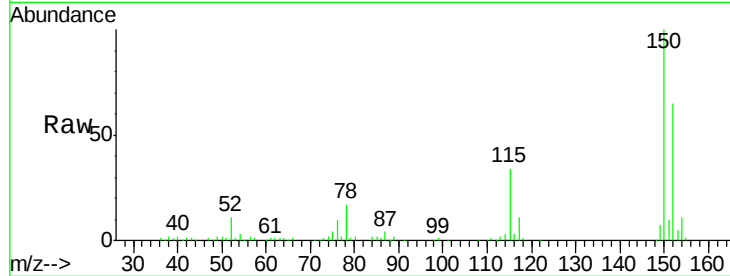
Tgt Ion:152 Resp: 151998

Ion Ratio Lower Upper

152 100

150 153.3 124.6 186.8

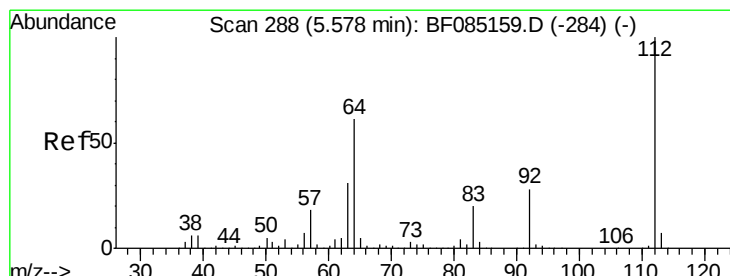
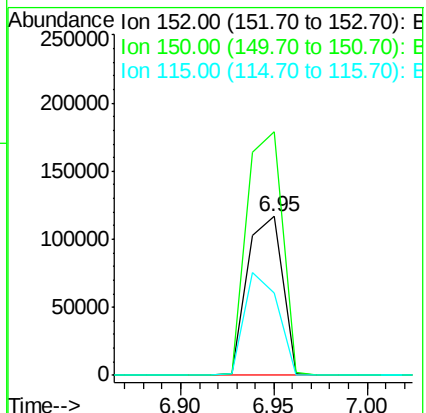
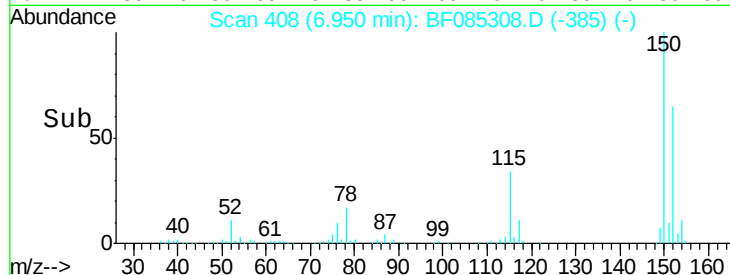
115 51.8 46.6 70.0



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

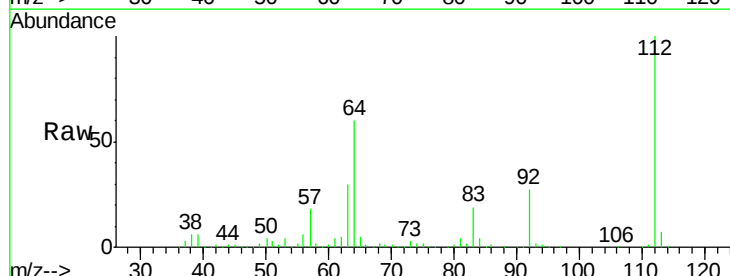
Tgt Ion:112 Resp: 552650

Ion Ratio Lower Upper

112 100

64 60.3 49.0 73.4

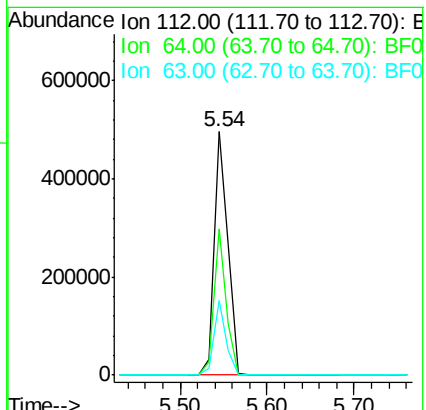
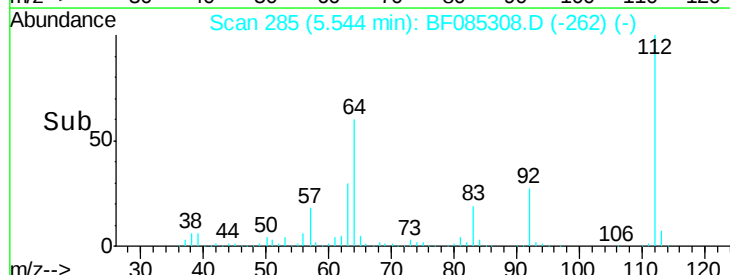
63 30.5 24.8 37.2



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

ClientSampled :

UST-GW

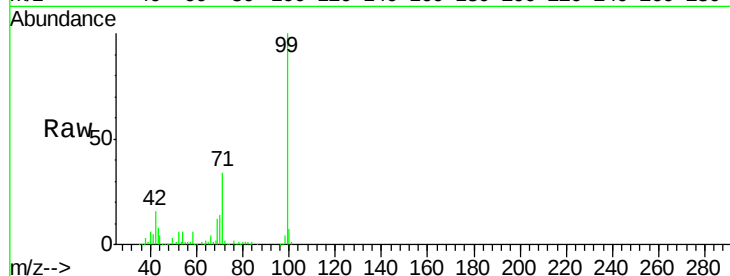
Tgt Ion: 99 Resp: 374783

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

500000

400000

300000

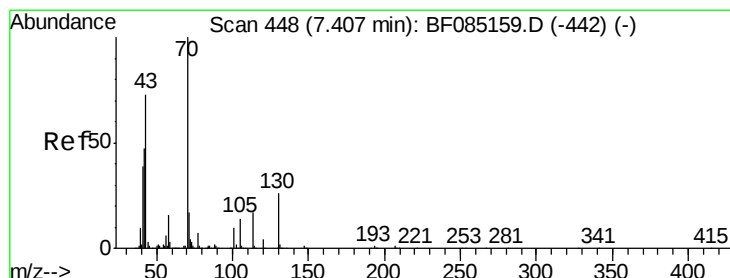
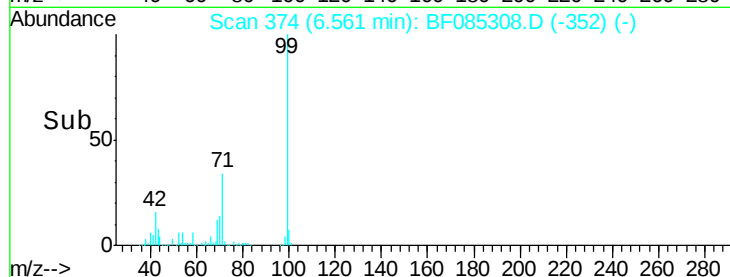
200000

100000

0

6.56

Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 17.71 ng

RT: 7.51 min Scan# 457

Delta R.T. 0.10 min

Lab File: BF085308.D

Acq: 9 Mar 2016 19:39

Tgt Ion: 70 Resp: 137037

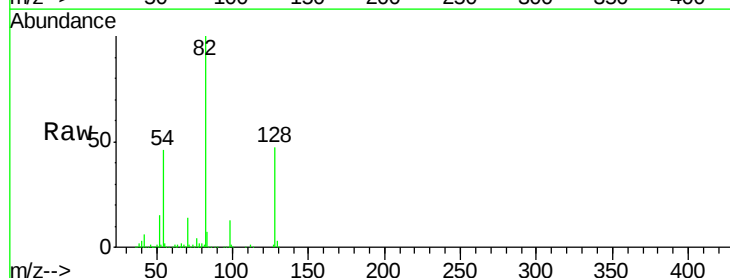
Ion Ratio Lower Upper

70 100

42 40.8 37.7 56.5

101 0.0 8.2 12.4#

130 2.2 20.5 30.7#



Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

200000

150000

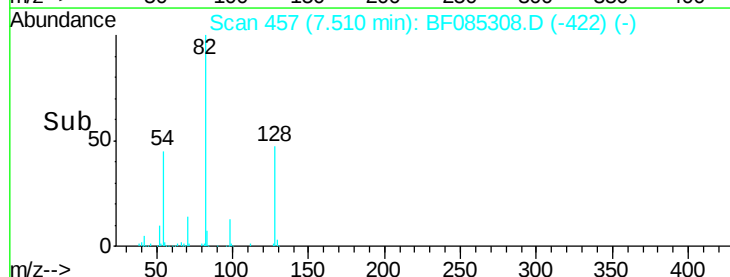
100000

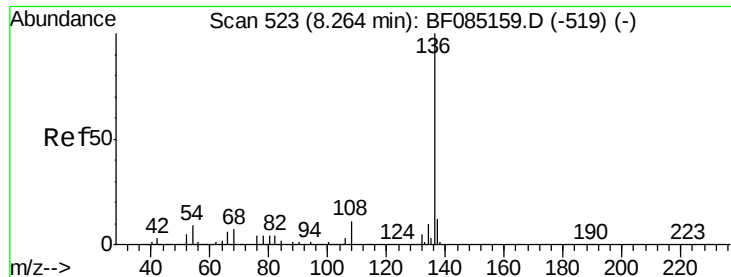
50000

0

7.51

Time-->

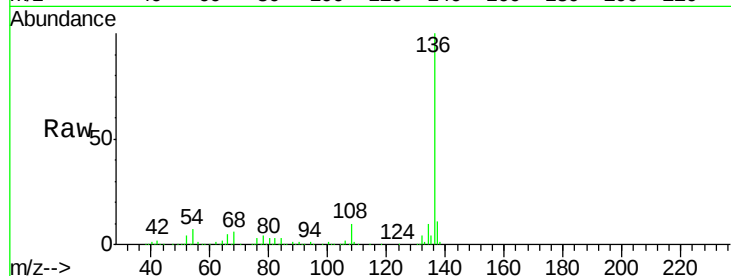




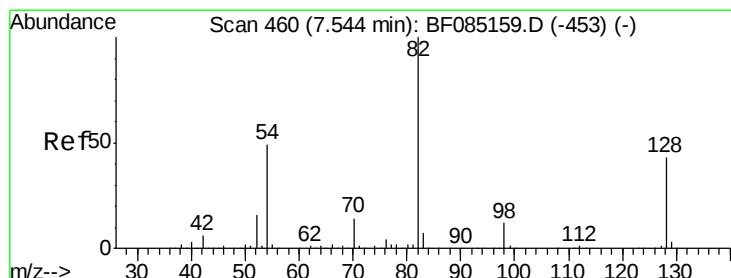
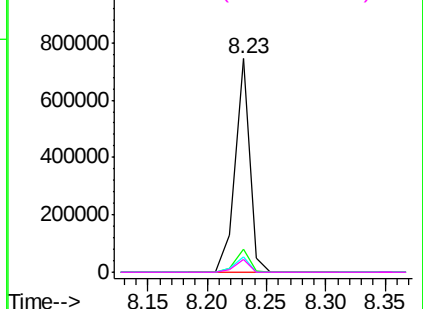
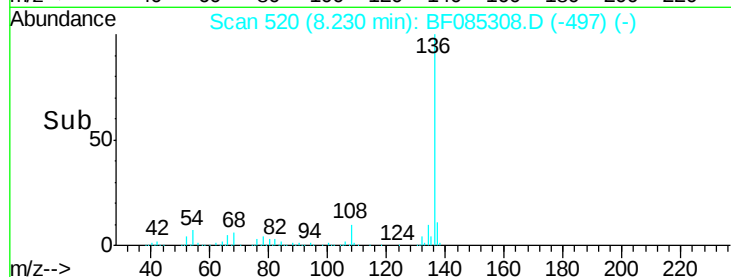
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.23 min Scan# 520
Delta R.T. -0.03 min
Lab File: BF085308.D
Acq: 9 Mar 2016 19:39

Instrument :
BNA_F
ClientSampleId :
UST-GW

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#

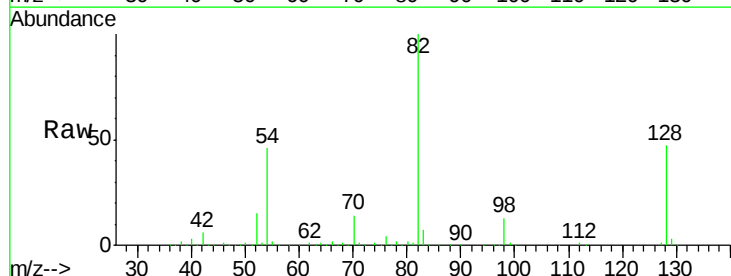


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

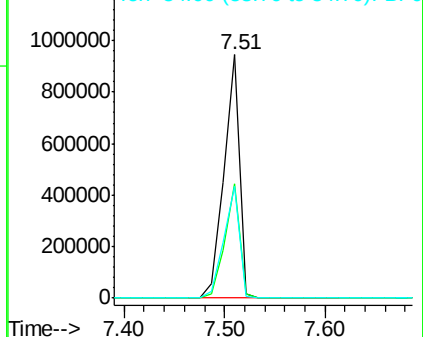
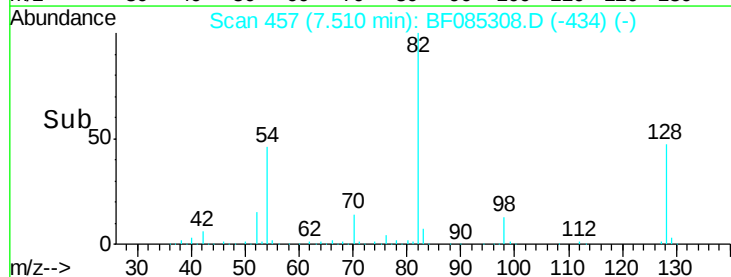


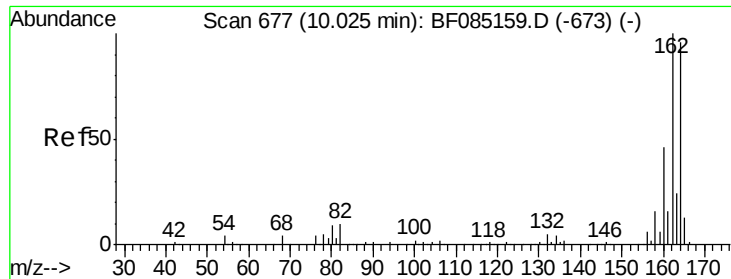
#23
Nitrobenzene-d5
Concen: 84.91 ng
RT: 7.51 min Scan# 457
Delta R.T. -0.03 min
Lab File: BF085308.D
Acq: 9 Mar 2016 19:39

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): E
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

Instrument :

BNA_F

ClientSampleId :

UST-GW

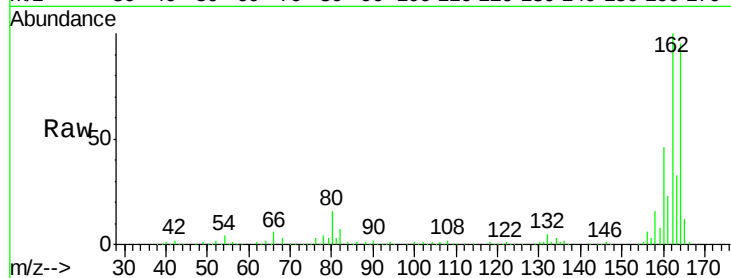
Tgt Ion:164 Resp: 298807

Ion Ratio Lower Upper

164 100

162 104.9 83.3 124.9

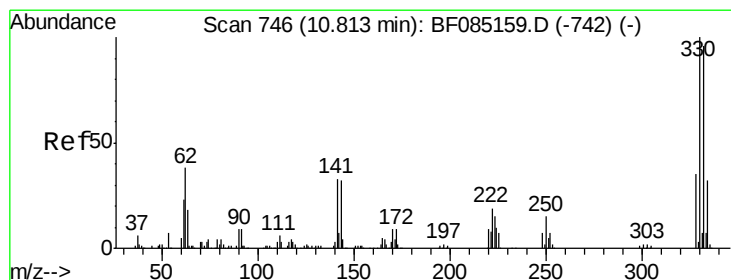
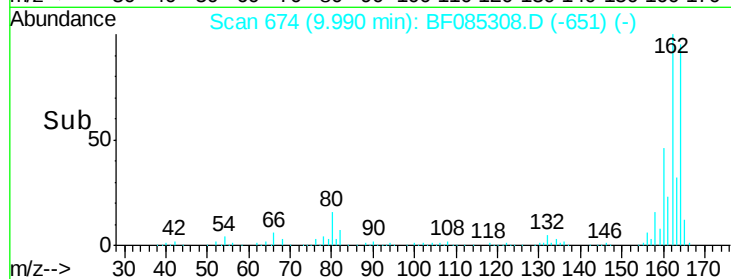
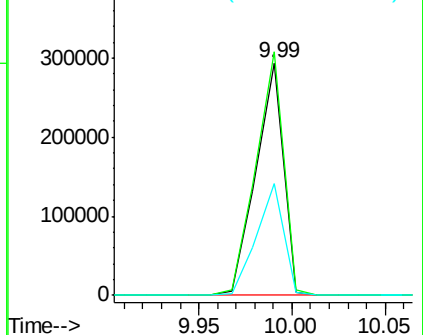
160 48.0 37.9 56.9



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

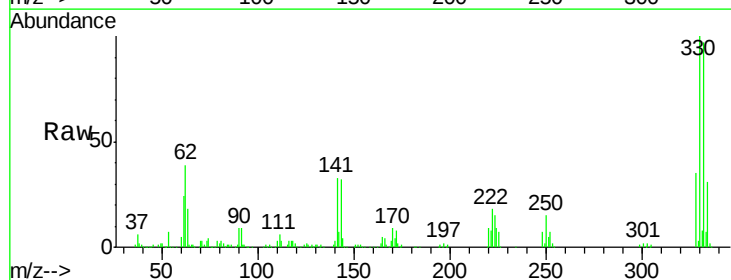
Tgt Ion:330 Resp: 335245

Ion Ratio Lower Upper

330 100

332 96.7 77.1 115.7

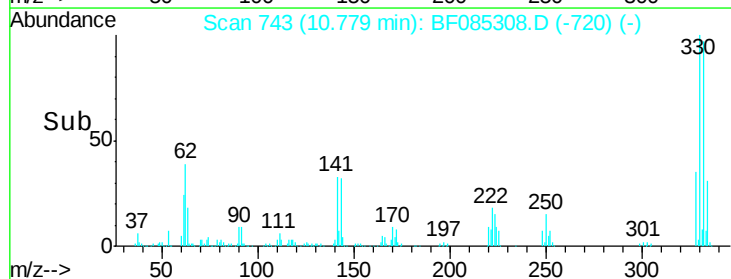
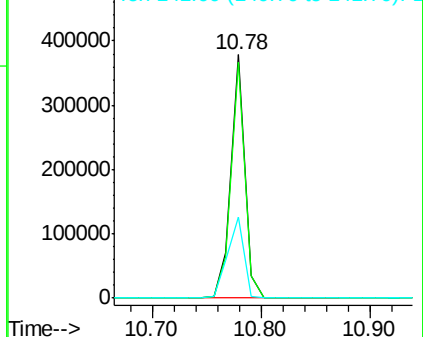
141 38.8 35.0 52.6

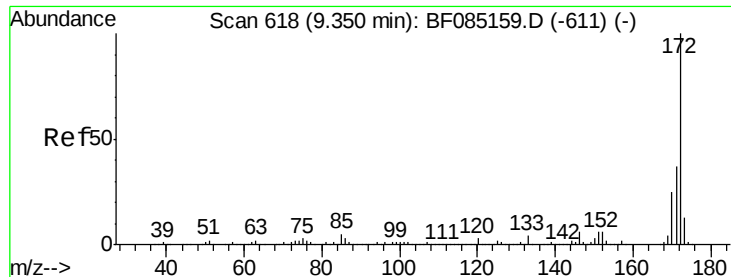


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

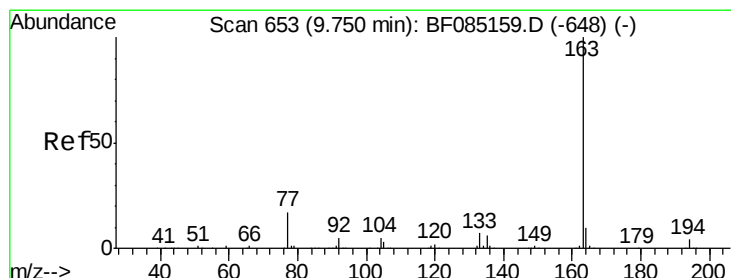
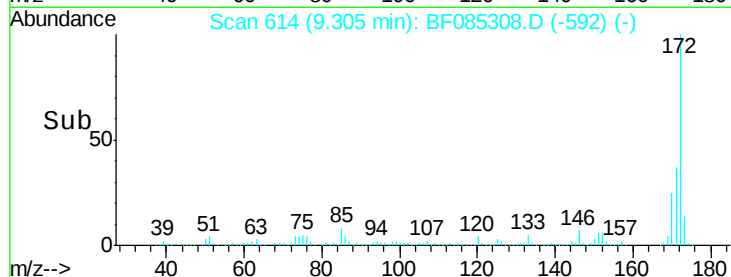
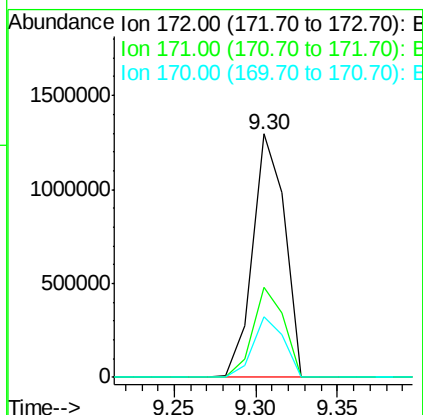
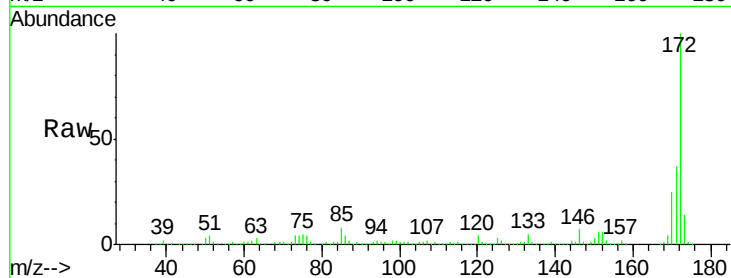




#44
2-Fluorobiphenyl
Concen: 89.69 ng
RT: 9.30 min Scan# 614
Delta R.T. -0.05 min
Lab File: BF085308.D
Acq: 9 Mar 2016 19:39

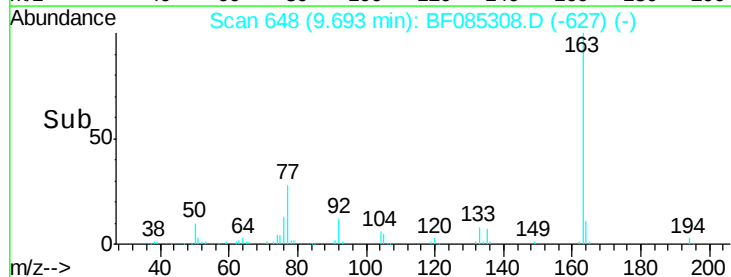
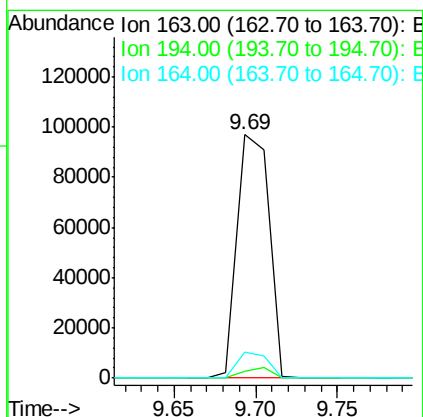
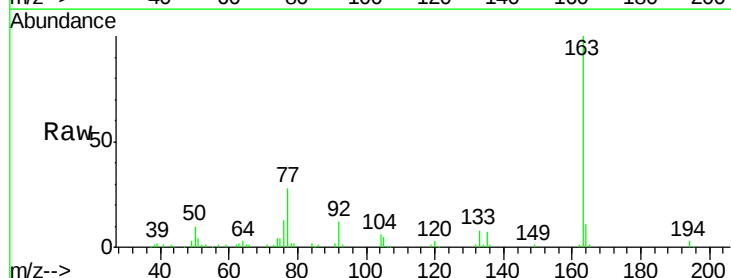
Instrument :
BNA_F
ClientSampleId :
UST-GW

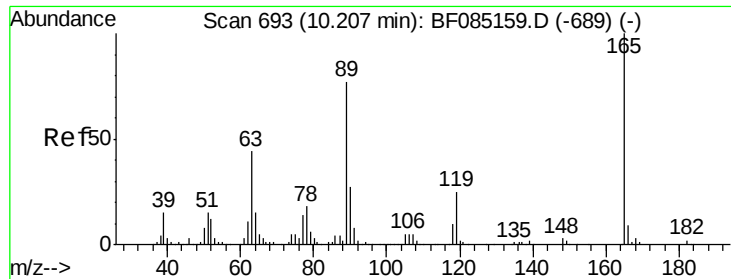
Tgt Ion:172 Resp: 1762232
Ion Ratio Lower Upper
172 100
171 37.0 29.3 43.9
170 24.7 20.0 30.0



#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

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





#56

2,4-Dinitrotoluene

Concen: 6.07 ng

RT: 9.99 min Scan# 674

Delta R.T. -0.22 min

Lab File: BF085308.D

Acq: 9 Mar 2016 19:39

Instrument :

BNA_F

ClientSampled :

UST-GW

Tgt Ion:165 Resp: 38121

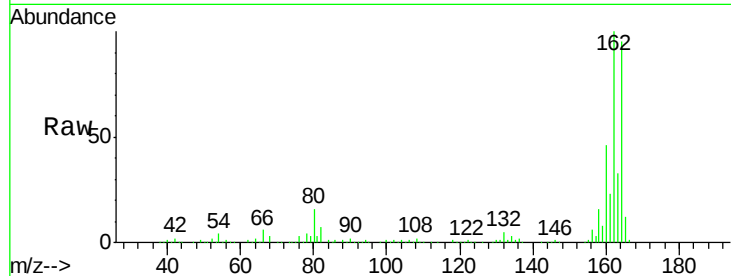
Ion Ratio Lower Upper

165 100

63 1.3 35.4 53.0#

89 1.5 61.9 92.9#

182 0.0 1.9 2.9#

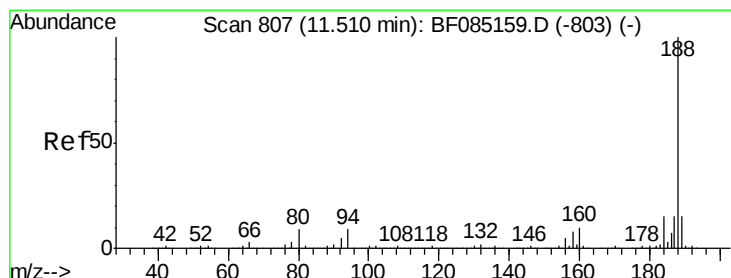
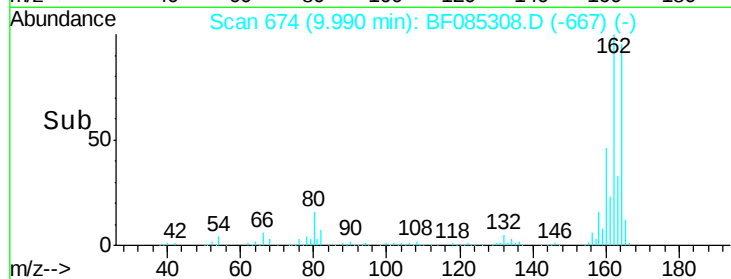
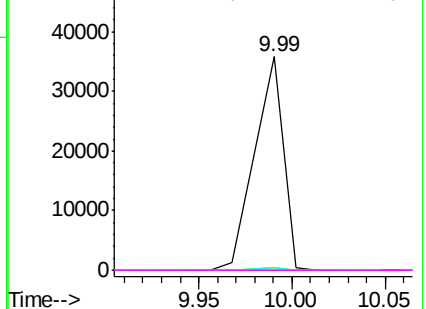


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): 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

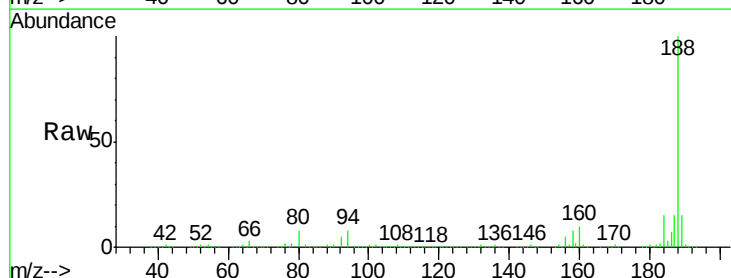
Tgt Ion:188 Resp: 606971

Ion Ratio Lower Upper

188 100

94 7.9 7.0 10.6

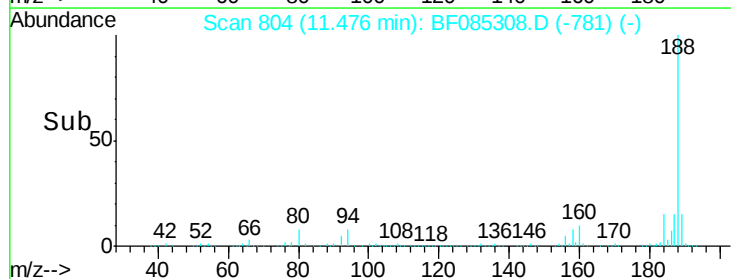
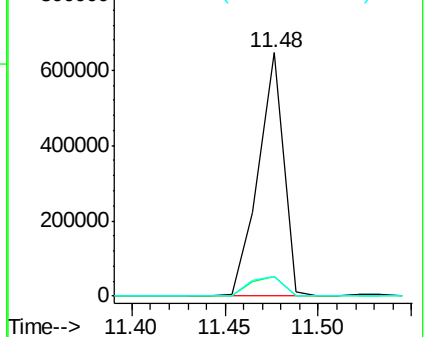
80 8.2 7.4 11.0

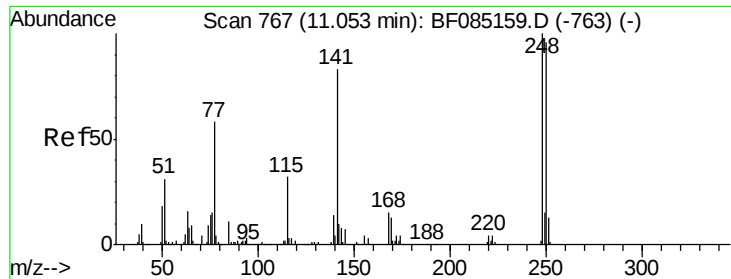


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

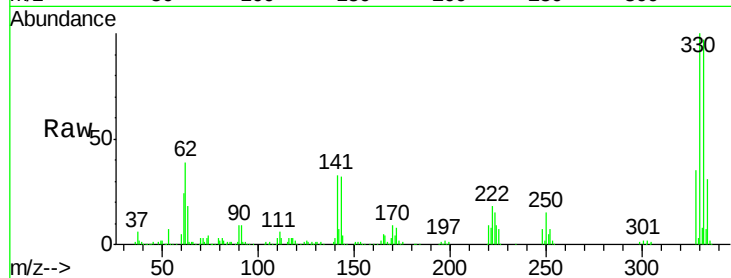




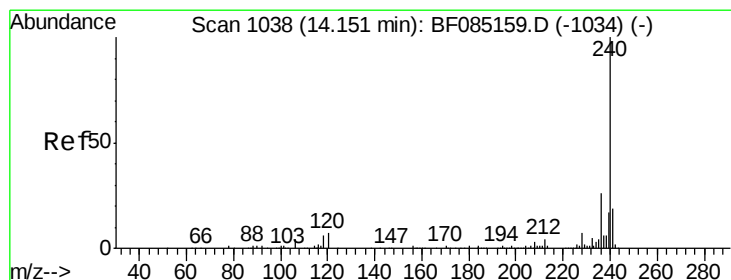
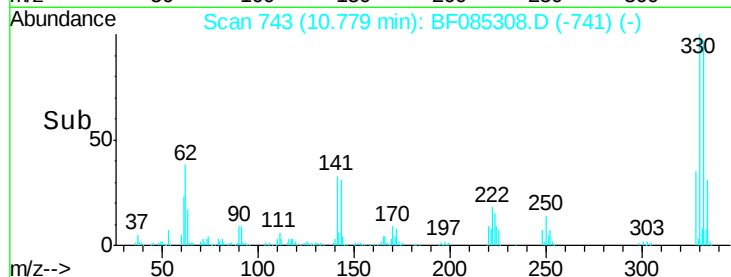
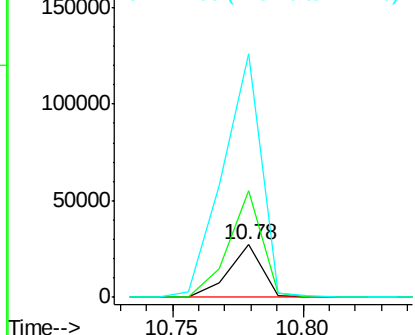
#66
 4-Bromophenyl-phenylether
 Concen: 4.12 ng
 RT: 10.78 min Scan# 743
 Delta R.T. -0.27 min
 Lab File: BF085308.D
 Acq: 9 Mar 2016 19:39

Instrument :
 BNA_F
 ClientSampleId :
 UST-GW

Tgt Ion:248 Resp: 24296
 Ion Ratio Lower Upper
 248 100
 250 202.5 77.1 115.7#
 141 463.7 66.2 99.2#

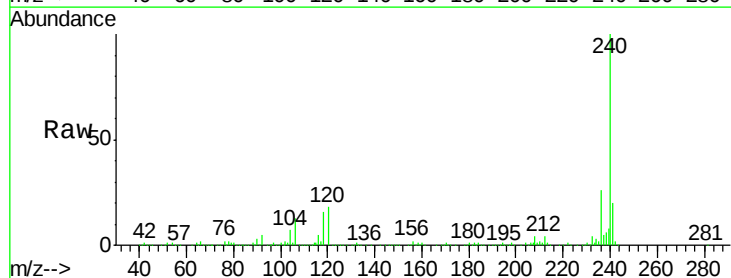


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

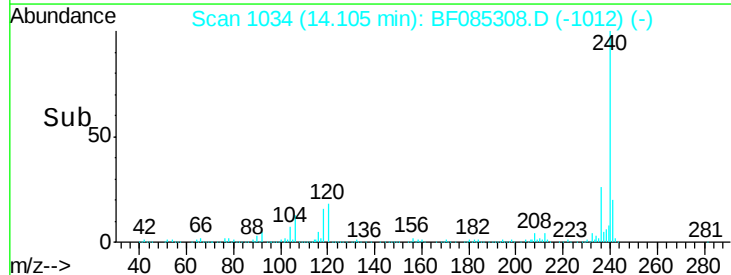
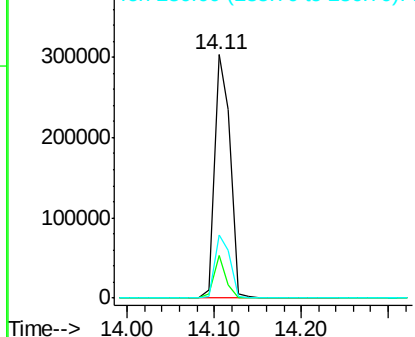


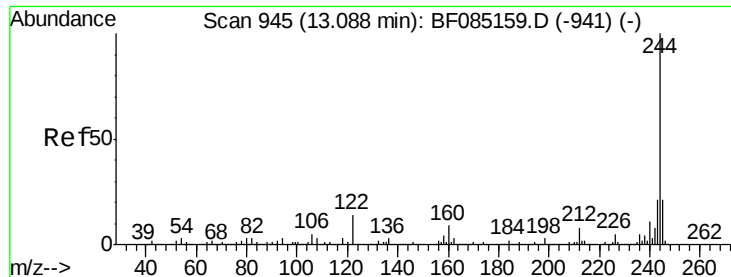
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.11 min Scan# 1034
 Delta R.T. -0.05 min
 Lab File: BF085308.D
 Acq: 9 Mar 2016 19:39

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

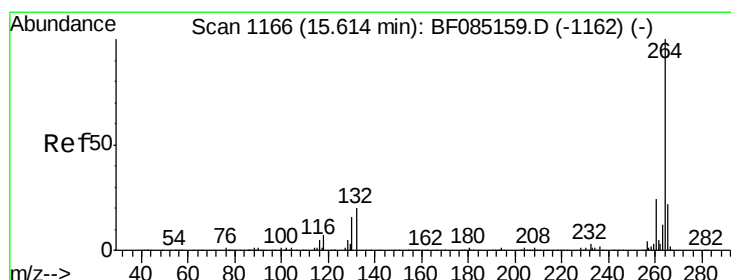
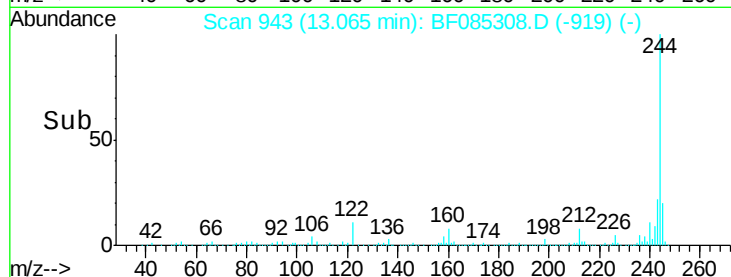
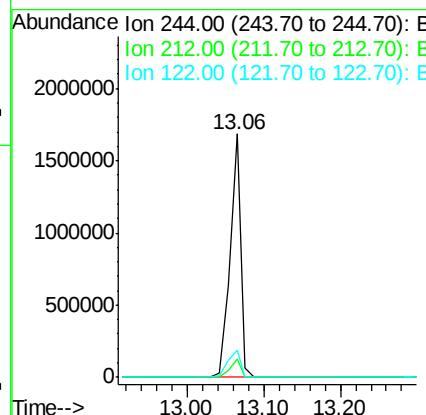
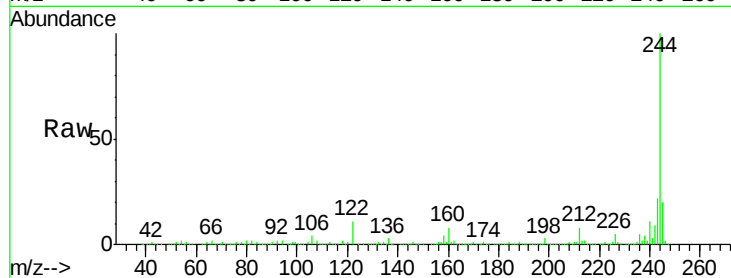




#78
 Terphenyl-d14
 Concen: 100.50 ng
 RT: 13.06 min Scan# 943
 Delta R.T. -0.02 min
 Lab File: BF085308.D
 Acq: 9 Mar 2016 19:39

Instrument :
 BNA_F
 ClientSampleId :
 UST-GW

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#



#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

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

