

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032216\
 Data File : BF085680.D
 Acq On : 23 Mar 2016 1:20
 Operator : UM/SJ
 Sample : H1864-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LIP-12

Quant Time: Mar 23 01:19:59 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 23:31:39 2016
 Response via : Initial Calibration

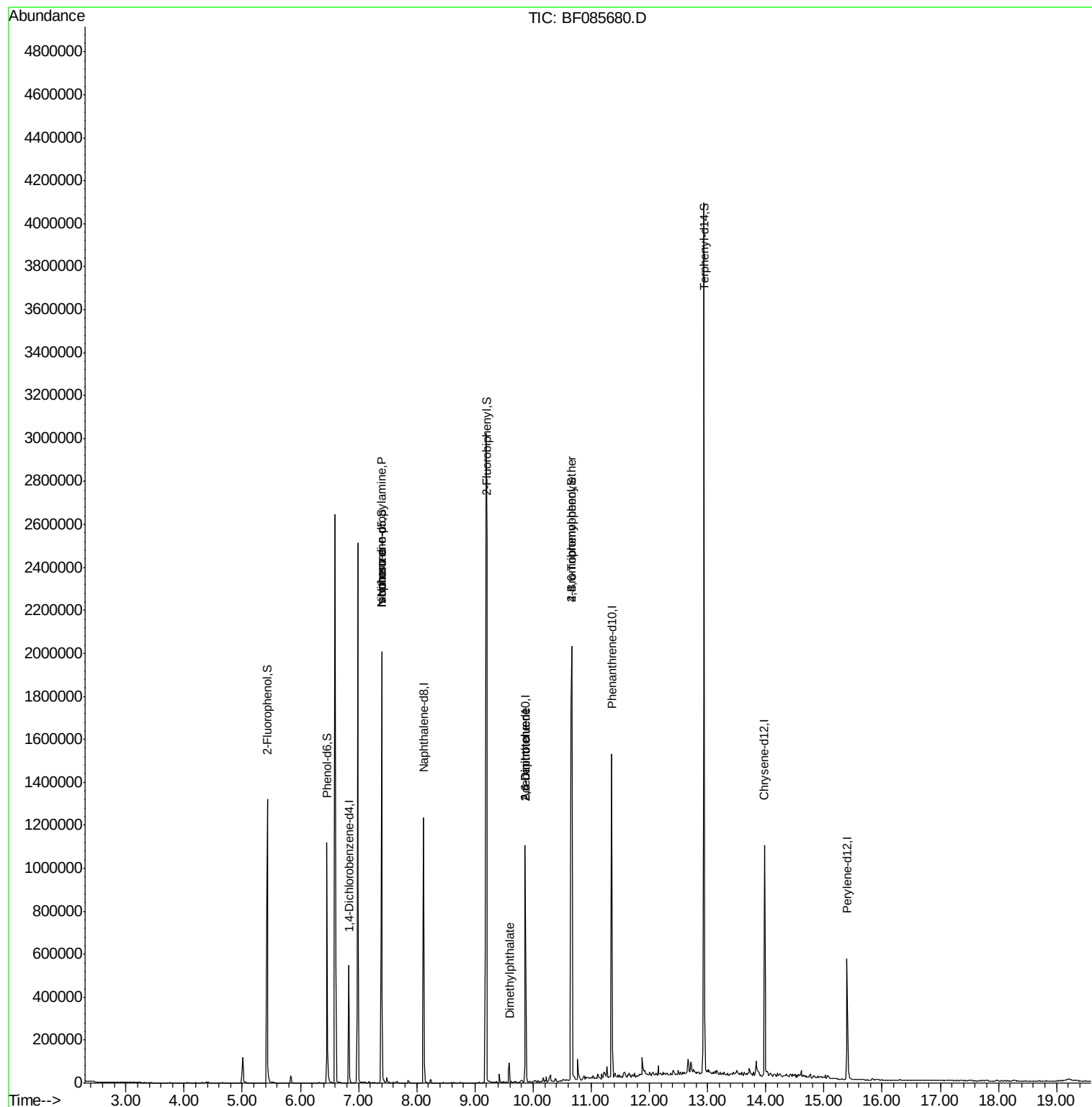
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	123541	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	537301	20.00	ng	-0.02
38) Acenaphthene-d10	9.86	164	248995	20.00	ng	-0.03
63) Phenanthrene-d10	11.35	188	515480	20.00	ng	-0.03
75) Chrysene-d12	13.98	240	374776	20.00	ng	-0.03
86) Perylene-d12	15.40	264	255949	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	495665	67.39	ng	-0.02
7) Phenol-d6	6.46	99	381418	40.43	ng	-0.03
23) Nitrobenzene-d5	7.40	82	762897	82.42	ng	-0.03
41) 2,4,6-Tribromophenol	10.66	330	418271	171.49	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	1500921	111.39	ng	-0.02
78) Terphenyl-d14	12.94	244	1425970	91.56	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	100893	17.90	ng	# 78
25) Isophorone	7.40	82	595973	32.16	ng	# 68
49) Dimethylphthalate	9.59	163	45657	2.43	ng	# 98
50) 2,6-Dinitrotoluene	9.86	165	32195	8.12	ng	# 19
56) 2,4-Dinitrotoluene	9.86	165	32196	6.20	ng	# 37
66) 4-Bromophenyl-phenylether	10.66	248	26156	5.08	ng	# 1

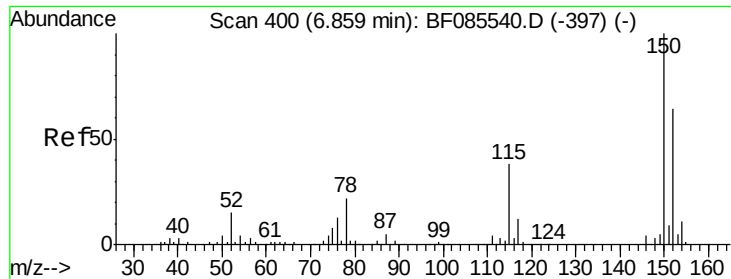
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032216\
Data File : BF085680.D
Acq On : 23 Mar 2016 1:20
Operator : UM/SJ
Sample : H1864-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LIP-12

Quant Time: Mar 23 01:19:59 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 23:31:39 2016
Response via : Initial Calibration



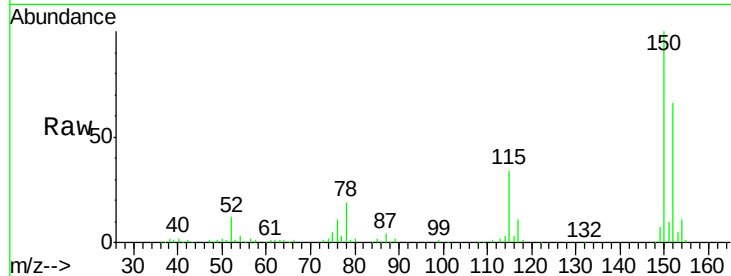


#1

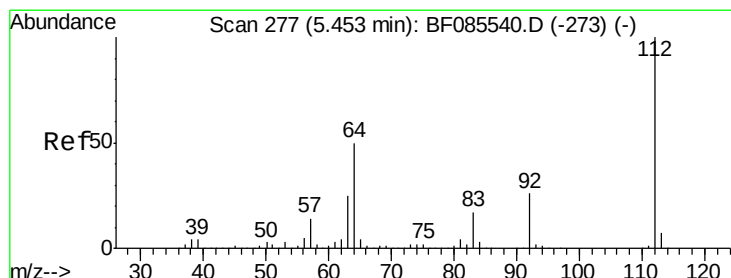
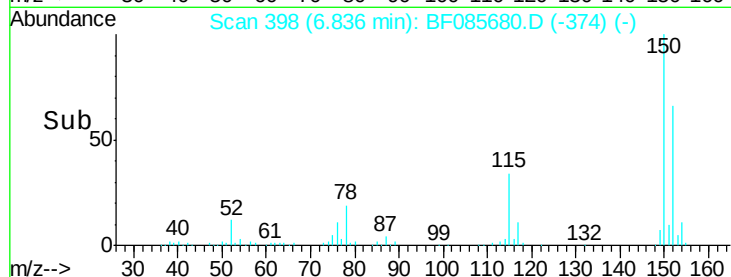
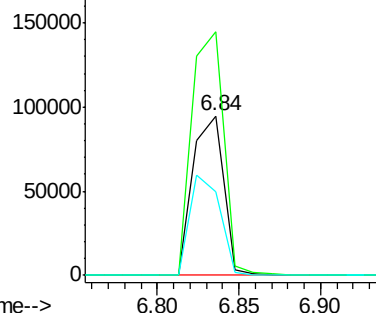
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 398
Delta R.T. -0.02 min
Lab File: BF085680.D
Acq: 23 Mar 2016 1:20

Instrument :
BNA_F
ClientSampleId :
LIP-12

Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.5	124.2	186.2
115	52.1	47.0	70.6



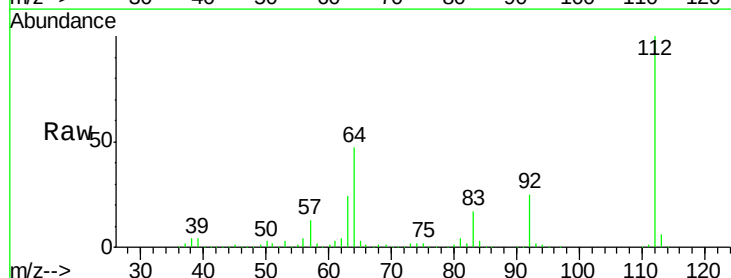
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



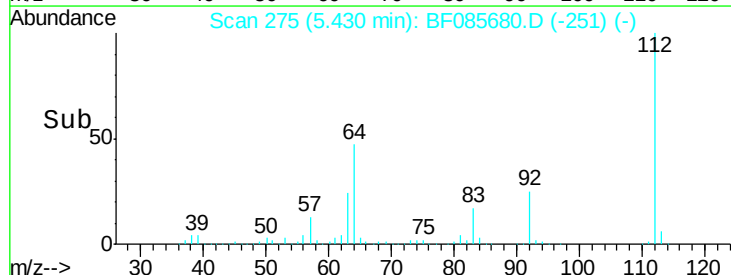
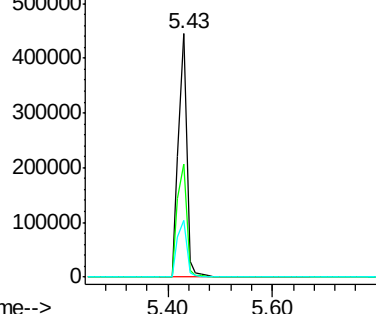
#5

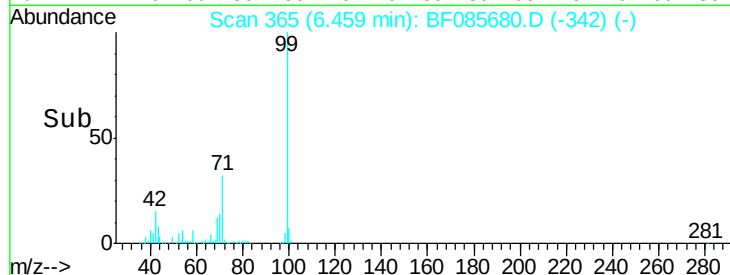
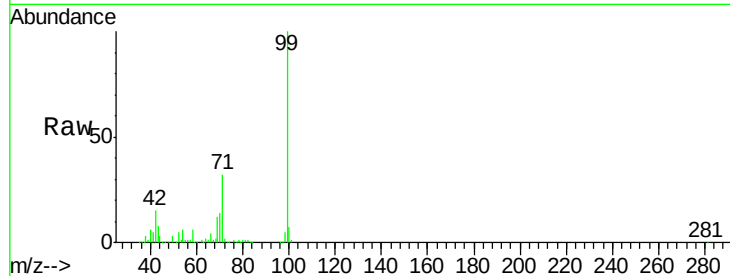
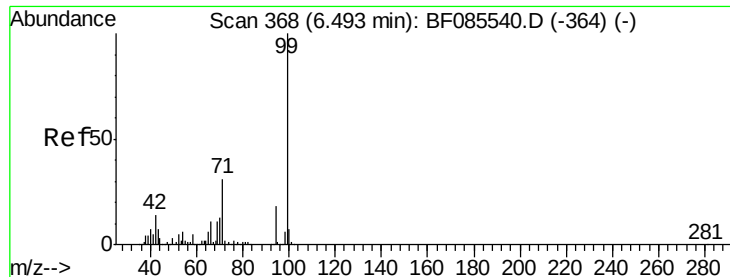
2-Fluorophenol
Concen: 67.39 ng
RT: 5.43 min Scan# 275
Delta R.T. -0.02 min
Lab File: BF085680.D
Acq: 23 Mar 2016 1:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	46.7	39.9	59.9
63	23.5	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: 40.43 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.03 min

Lab File: BF085680.D

Acq: 23 Mar 2016 1:20

Instrument :

BNA_F

ClientSampleId :

LIP-12

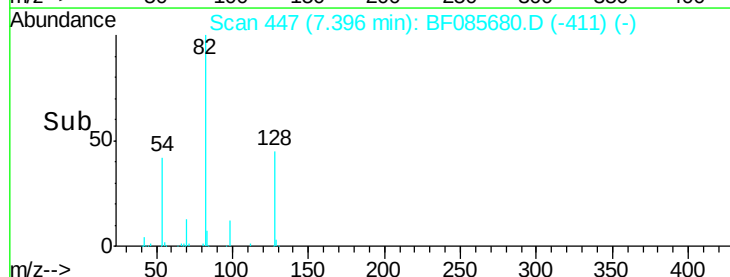
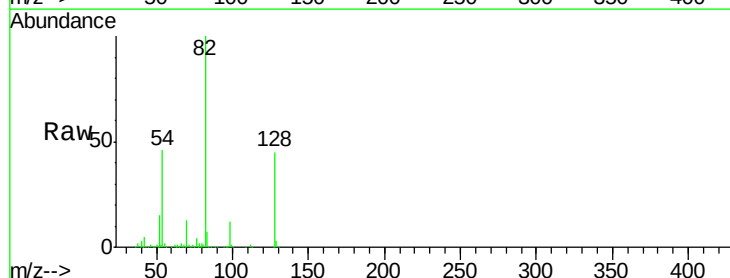
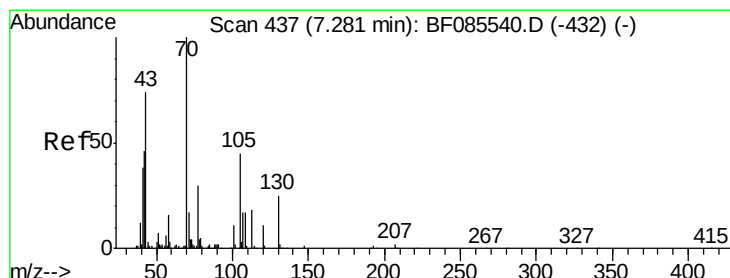
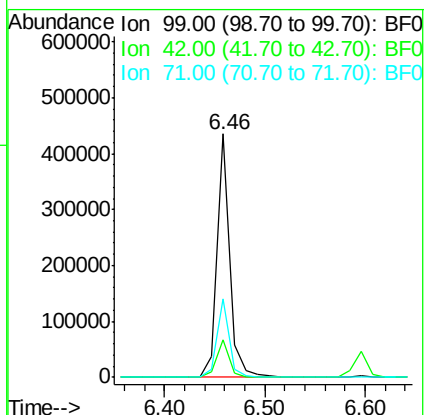
Tgt Ion: 99 Resp: 381418

Ion Ratio Lower Upper

99 100

42 15.4 11.1 16.7

71 32.3 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 17.90 ng

RT: 7.40 min Scan# 447

Delta R.T. 0.11 min

Lab File: BF085680.D

Acq: 23 Mar 2016 1:20

Tgt Ion: 70 Resp: 100893

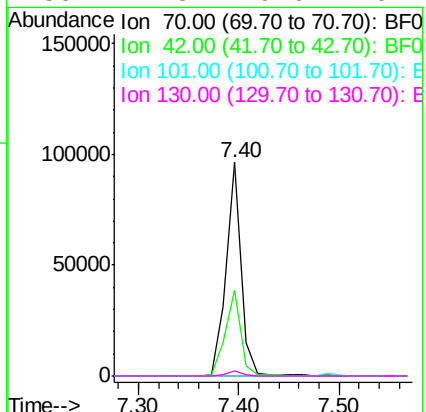
Ion Ratio Lower Upper

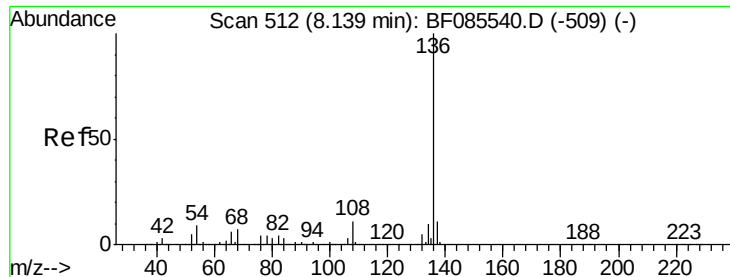
70 100

42 40.4 37.1 55.7

101 0.0 8.6 12.8#

130 2.3 19.6 29.4#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 510

Delta R.T. -0.02 min

Lab File: BF085680.D

Acq: 23 Mar 2016 1:20

Instrument :

BNA_F

ClientSampleId :

LIP-12

Tgt Ion:136 Resp: 537301

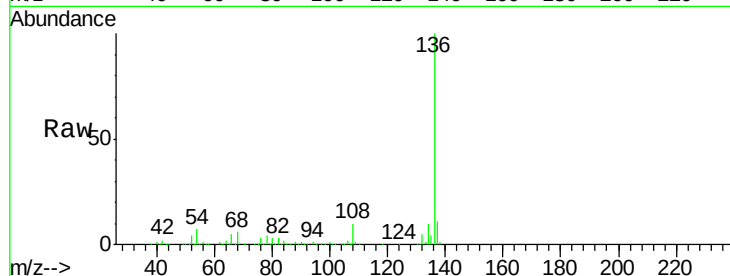
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 6.8 7.4 11.0#

68 5.6 5.8 8.8#

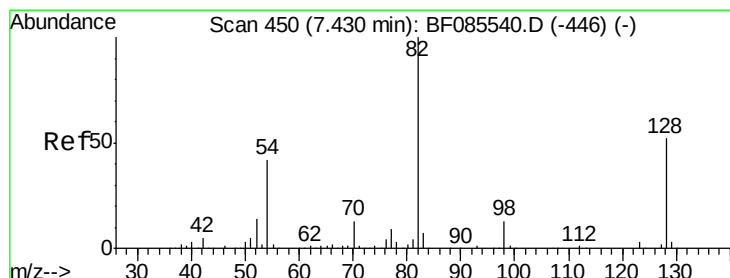
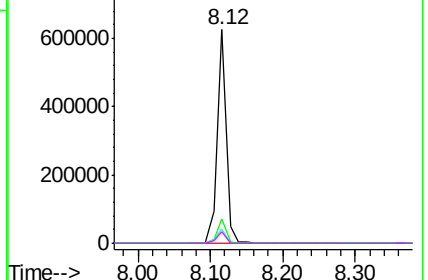
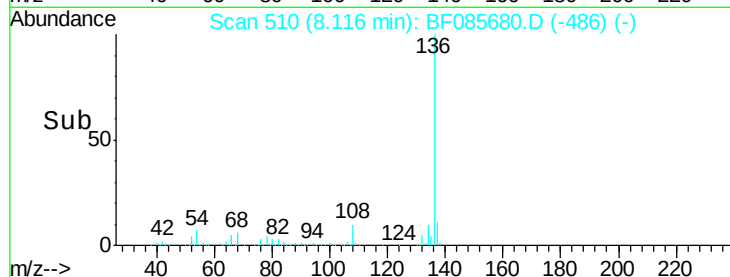


Abundance Ion 136.00 (135.70 to 136.70): E

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: 82.42 ng

RT: 7.40 min Scan# 447

Delta R.T. -0.03 min

Lab File: BF085680.D

Acq: 23 Mar 2016 1:20

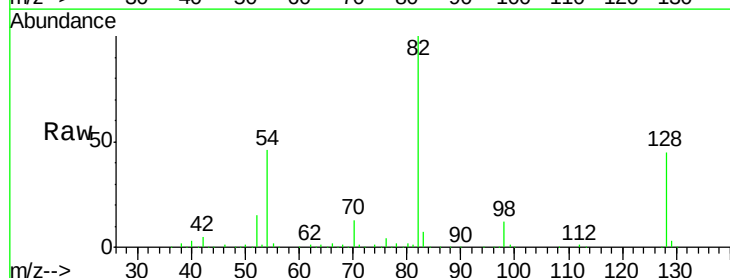
Tgt Ion: 82 Resp: 762897

Ion Ratio Lower Upper

82 100

128 45.0 41.8 62.8

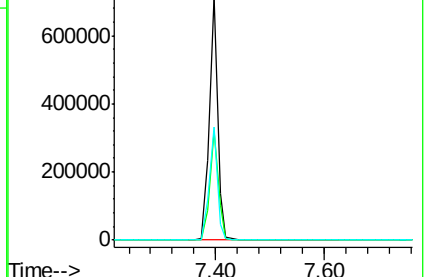
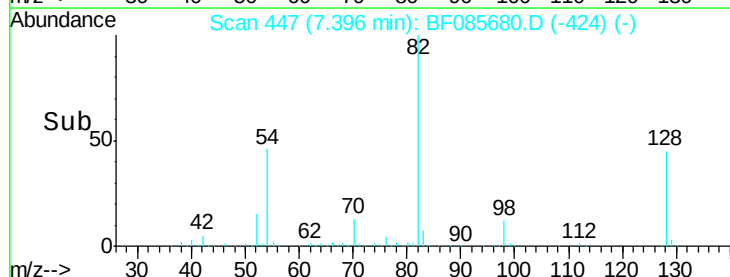
54 46.2 33.4 50.0

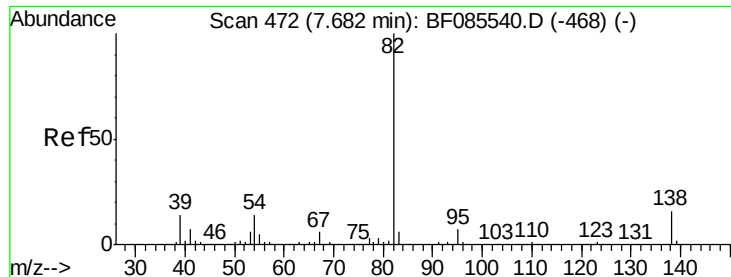


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 32.16 ng

RT: 7.40 min Scan# 447

Delta R.T. -0.29 min

Lab File: BF085680.D

Acq: 23 Mar 2016 1:20

Instrument :

BNA_F

ClientSampled :

LIP-12

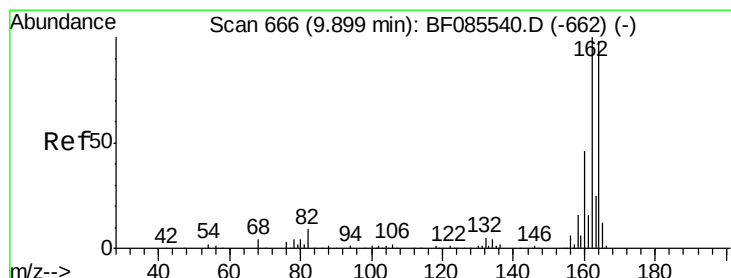
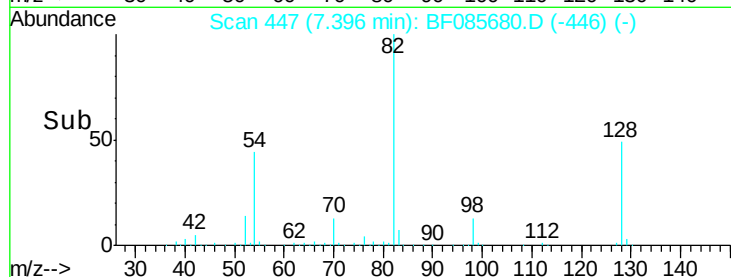
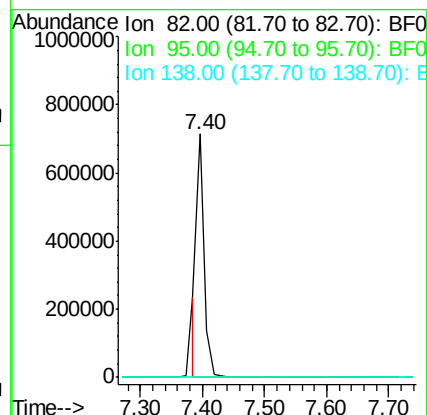
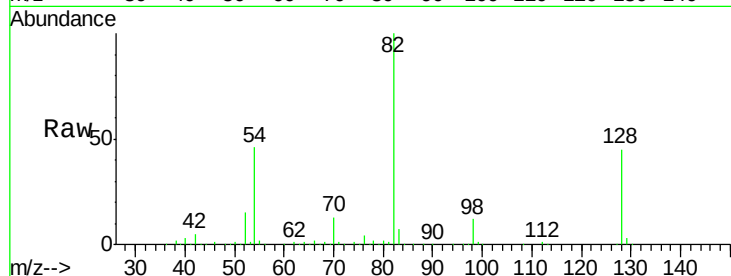
Tgt Ion: 82 Resp: 595973

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

138 0.0 12.9 19.3#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 663

Delta R.T. -0.03 min

Lab File: BF085680.D

Acq: 23 Mar 2016 1:20

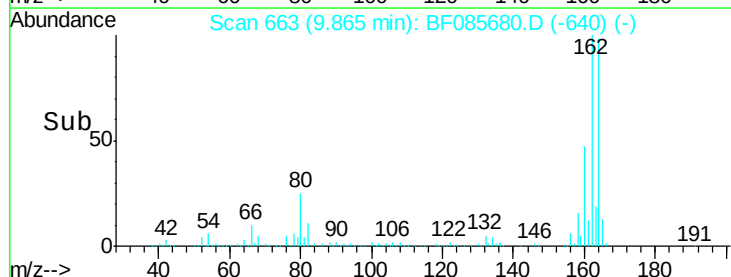
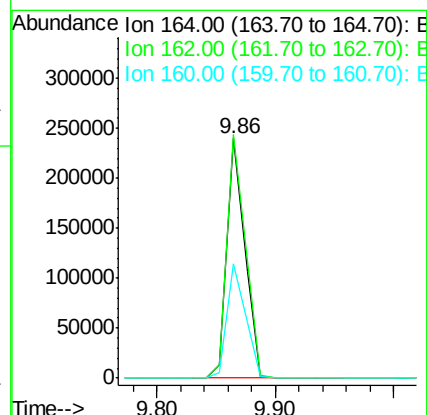
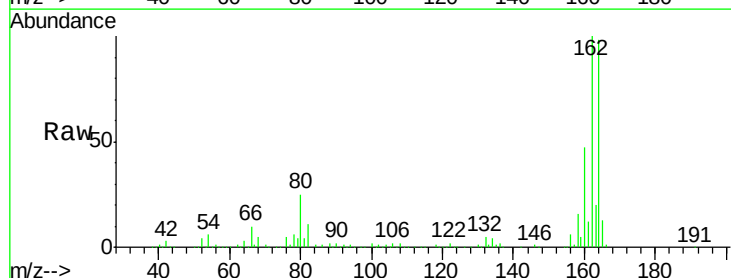
Tgt Ion: 164 Resp: 248995

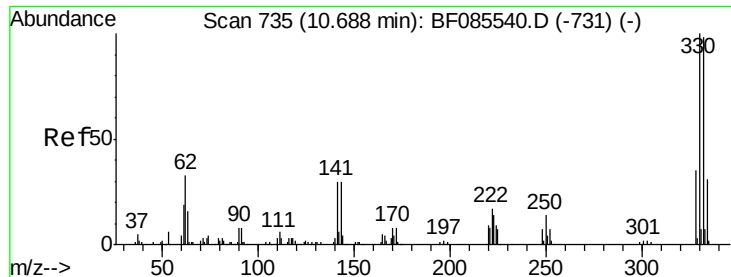
Ion Ratio Lower Upper

164 100

162 101.7 82.1 123.1

160 47.6 37.4 56.2

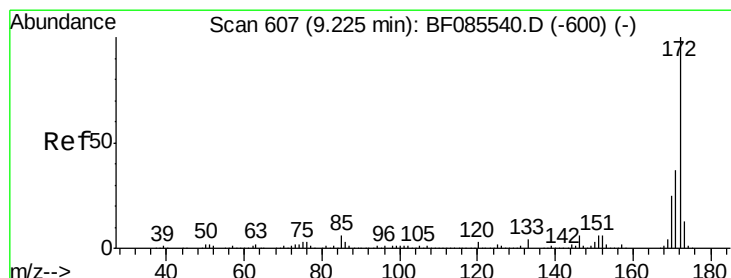
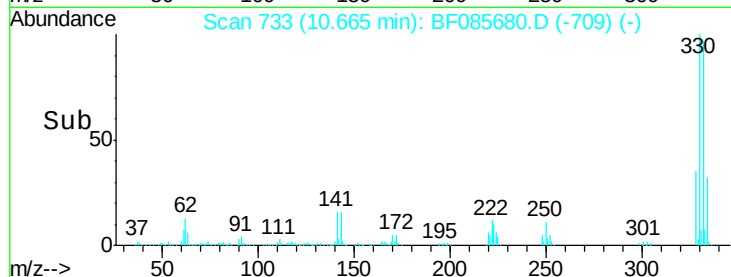
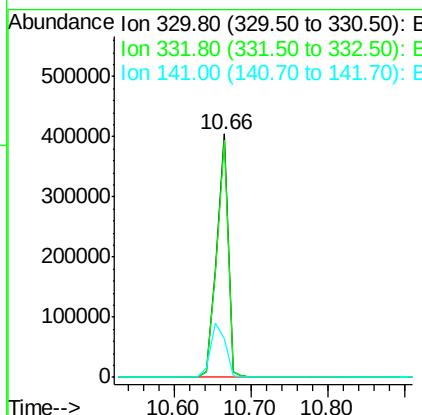
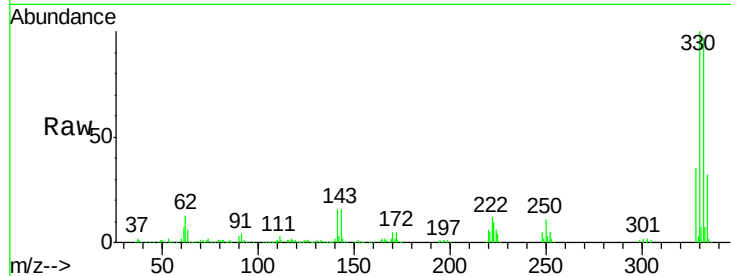




#41
 2,4,6-Tribromophenol
 Concen: 171.49 ng
 RT: 10.66 min Scan# 733
 Delta R.T. -0.02 min
 Lab File: BF085680.D
 Acq: 23 Mar 2016 1:20

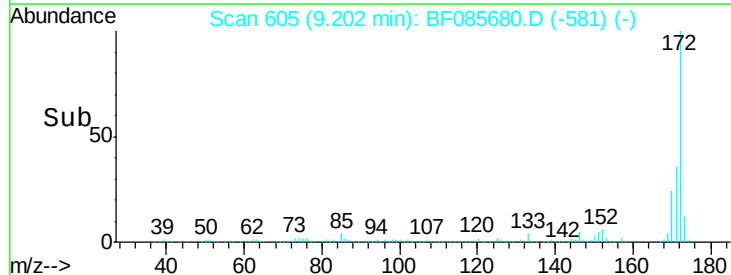
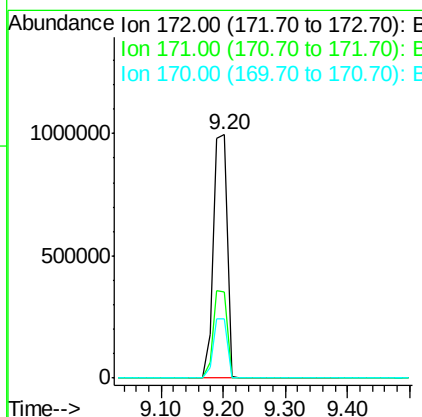
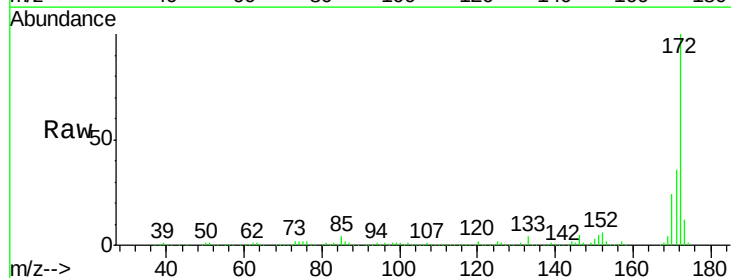
Instrument :
 BNA_F
 ClientSampleId :
 LIP-12

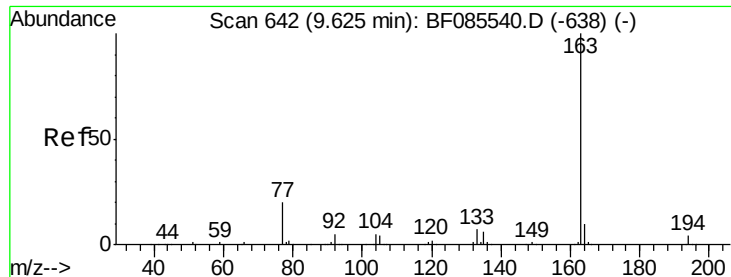
Tgt Ion:330 Resp: 418271
 Ion Ratio Lower Upper
 330 100
 332 97.4 78.2 117.2
 141 29.1 31.5 47.3#



#44
 2-Fluorobiphenyl
 Concen: 111.39 ng
 RT: 9.20 min Scan# 605
 Delta R.T. -0.02 min
 Lab File: BF085680.D
 Acq: 23 Mar 2016 1:20

Tgt Ion:172 Resp: 1500921
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.4 44.2
 170 24.2 19.8 29.6

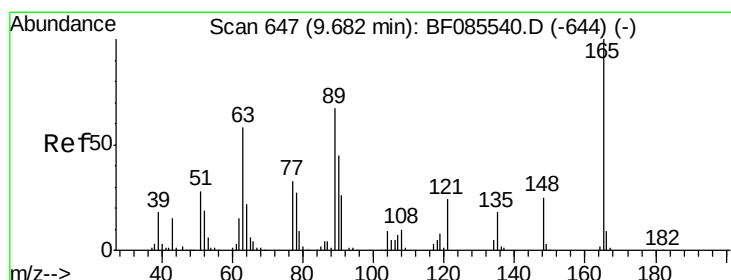
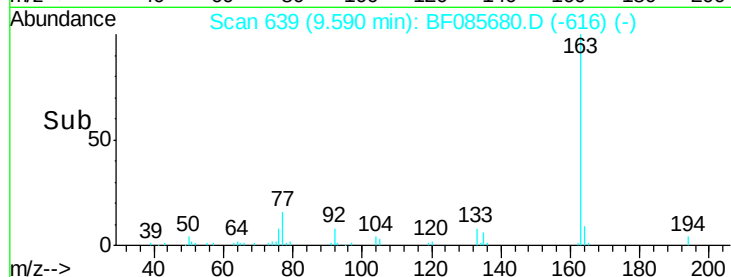
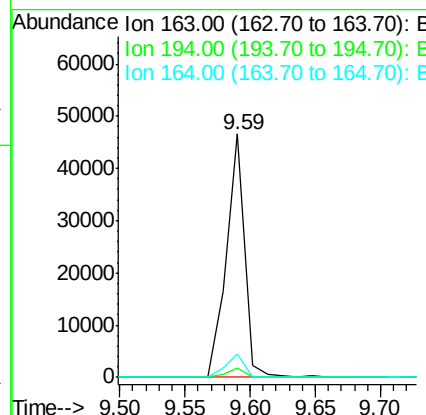
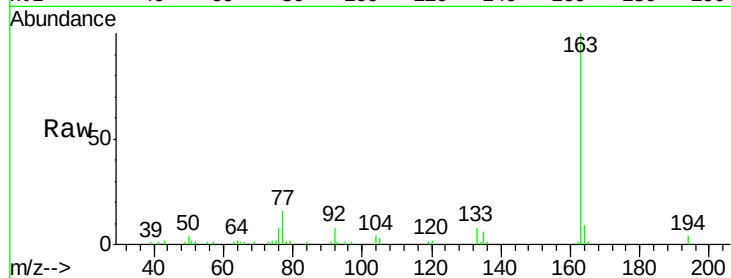




#49
Dimethylphthalate
Concen: 2.43 ng
RT: 9.59 min Scan# 639
Delta R.T. -0.03 min
Lab File: BF085680.D
Acq: 23 Mar 2016 1:20

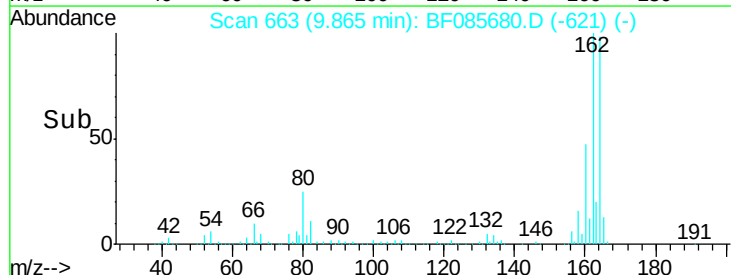
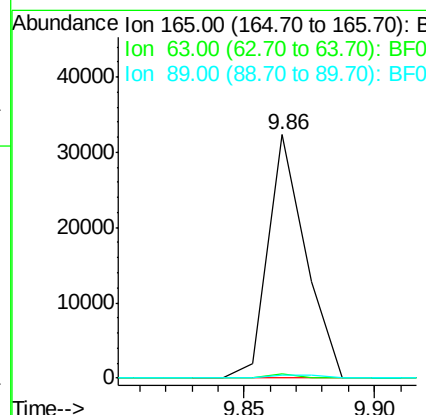
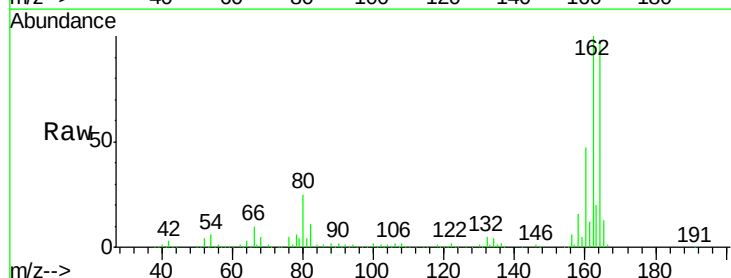
Instrument :
BNA_F
ClientSampleId :
LIP-12

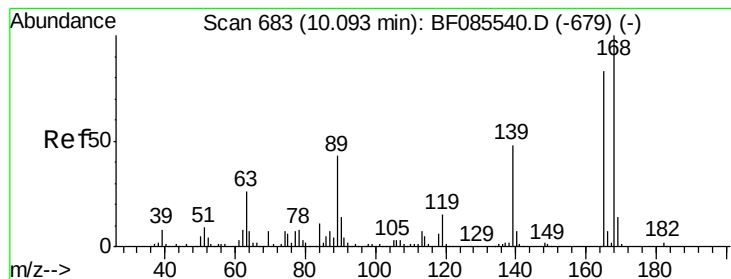
Tgt Ion:163 Resp: 45657
Ion Ratio Lower Upper
163 100
194 3.8 2.9 4.3
164 9.4 8.3 12.5



#50
2,6-Dinitrotoluene
Concen: 8.12 ng
RT: 9.86 min Scan# 663
Delta R.T. 0.18 min
Lab File: BF085680.D
Acq: 23 Mar 2016 1:20

Tgt Ion:165 Resp: 32195
Ion Ratio Lower Upper
165 100
63 1.6 51.8 77.8#
89 1.4 53.7 80.5#





#56

2,4-Dinitrotoluene

Concen: 6.20 ng

RT: 9.86 min Scan# 663

Delta R.T. -0.23 min

Lab File: BF085680.D

Acq: 23 Mar 2016 1:20

Instrument :

BNA_F

ClientSampleId :

LIP-12

Tgt Ion:165 Resp: 32196

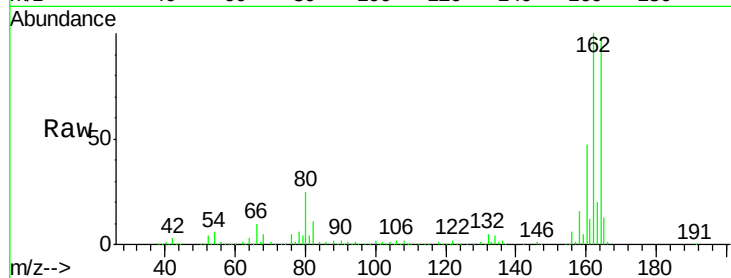
Ion Ratio Lower Upper

165 100

63 1.6 24.9 37.3#

89 1.4 41.0 61.6#

182 0.0 2.1 3.1#

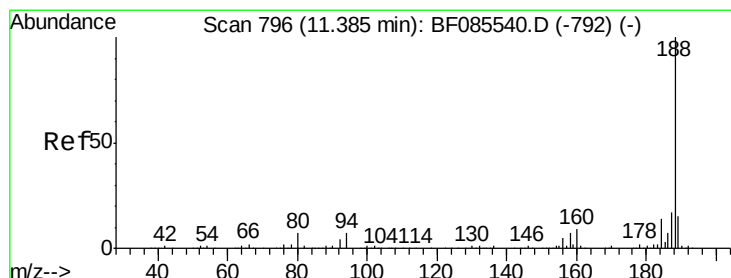
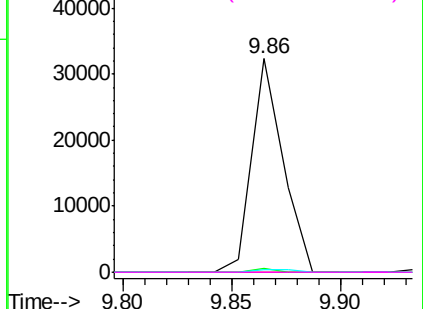
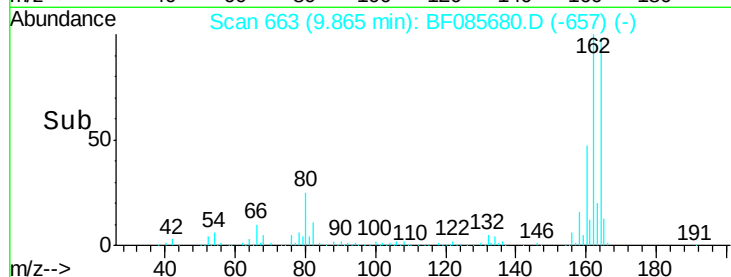


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.35 min Scan# 793

Delta R.T. -0.03 min

Lab File: BF085680.D

Acq: 23 Mar 2016 1:20

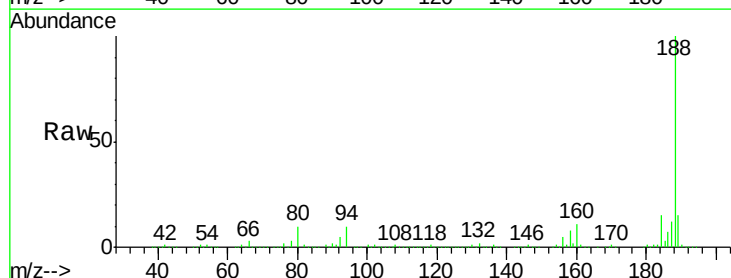
Tgt Ion:188 Resp: 515480

Ion Ratio Lower Upper

188 100

94 9.7 5.4 8.0#

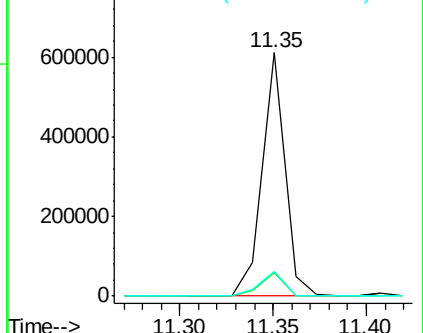
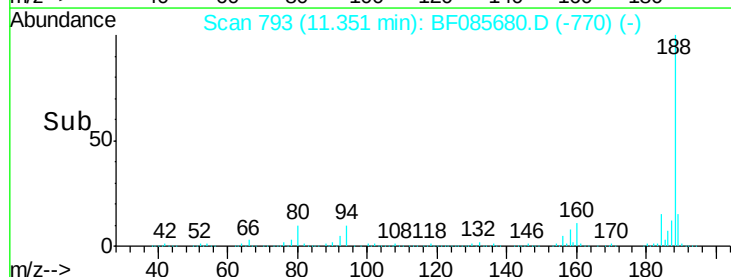
80 10.2 5.5 8.3#

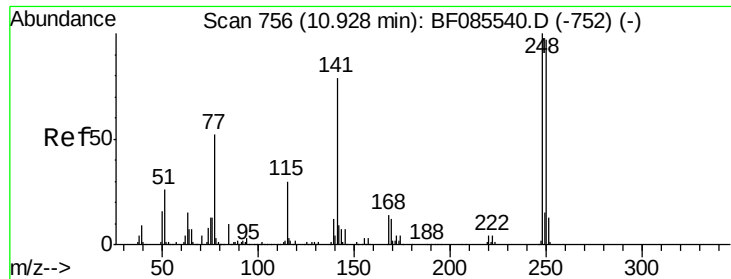


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

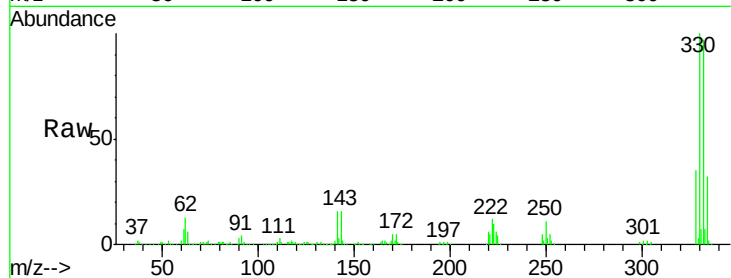




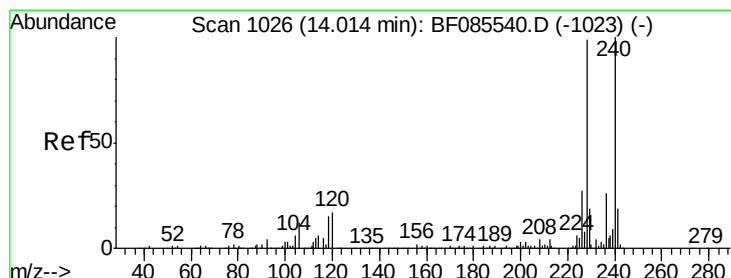
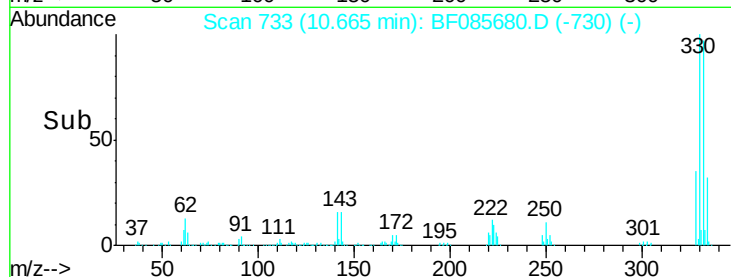
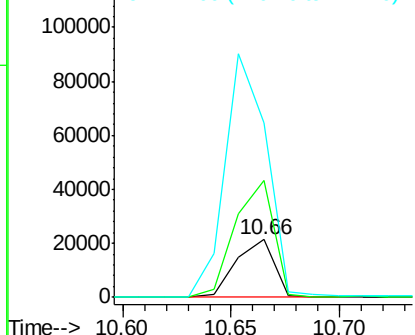
#66
 4-Bromophenyl-phenylether
 Concen: 5.08 ng
 RT: 10.66 min Scan# 733
 Delta R.T. -0.26 min
 Lab File: BF085680.D
 Acq: 23 Mar 2016 1:20

Instrument :
 BNA_F
 ClientSampleId :
 LIP-12

Tgt Ion:248 Resp: 26156
 Ion Ratio Lower Upper
 248 100
 250 203.6 77.4 116.0#
 141 303.9 63.6 95.4#

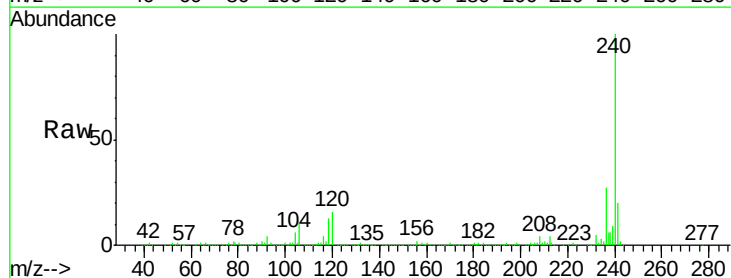


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

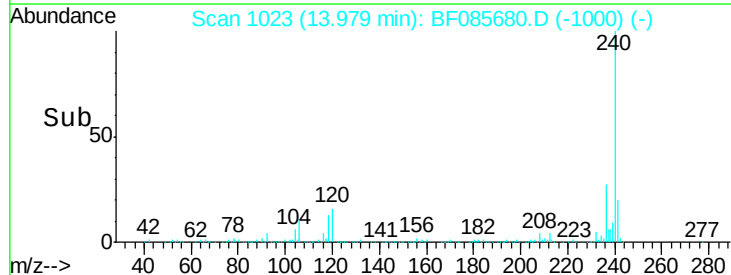
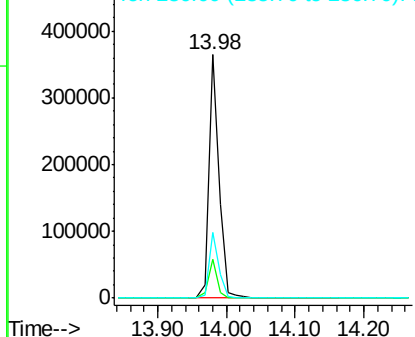


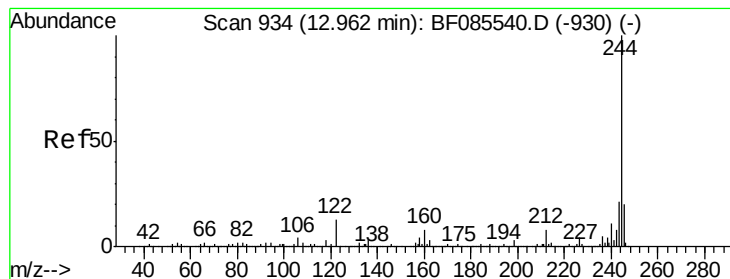
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.98 min Scan# 1023
 Delta R.T. -0.03 min
 Lab File: BF085680.D
 Acq: 23 Mar 2016 1:20

Tgt Ion:240 Resp: 374776
 Ion Ratio Lower Upper
 240 100
 120 16.0 13.8 20.8
 236 26.8 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





#78

Terphenyl-d14

Concen: 91.56 ng

RT: 12.94 min Scan# 932

Delta R.T. -0.02 min

Lab File: BF085680.D

Acq: 23 Mar 2016 1:20

Instrument :

BNA_F

ClientSampleId :

LIP-12

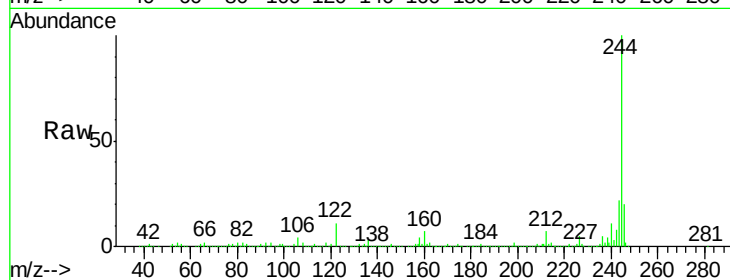
Tgt Ion:244 Resp: 1425970

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

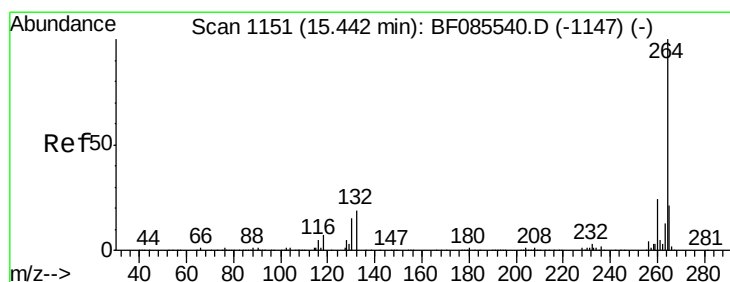
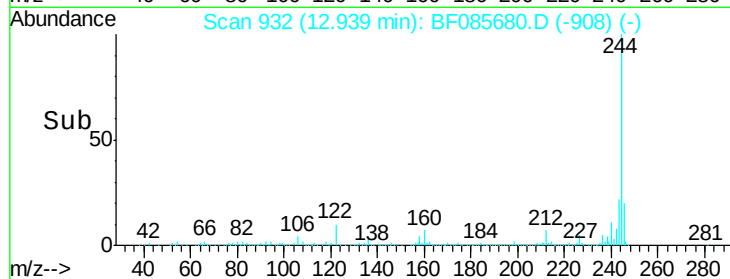
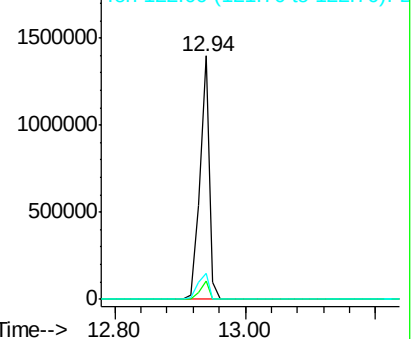
122 10.5 10.2 15.4



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: 15.40 min Scan# 1147

Delta R.T. -0.05 min

Lab File: BF085680.D

Acq: 23 Mar 2016 1:20

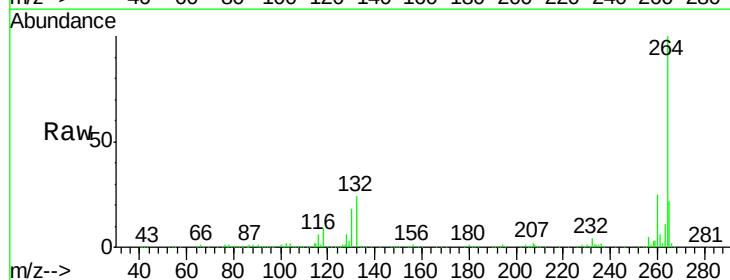
Tgt Ion:264 Resp: 255949

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

