

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031016\
 Data File : BF085338.D
 Acq On : 10 Mar 2016 17:35
 Operator : UM/SJ
 Sample : H1746-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 10 23:54:30 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

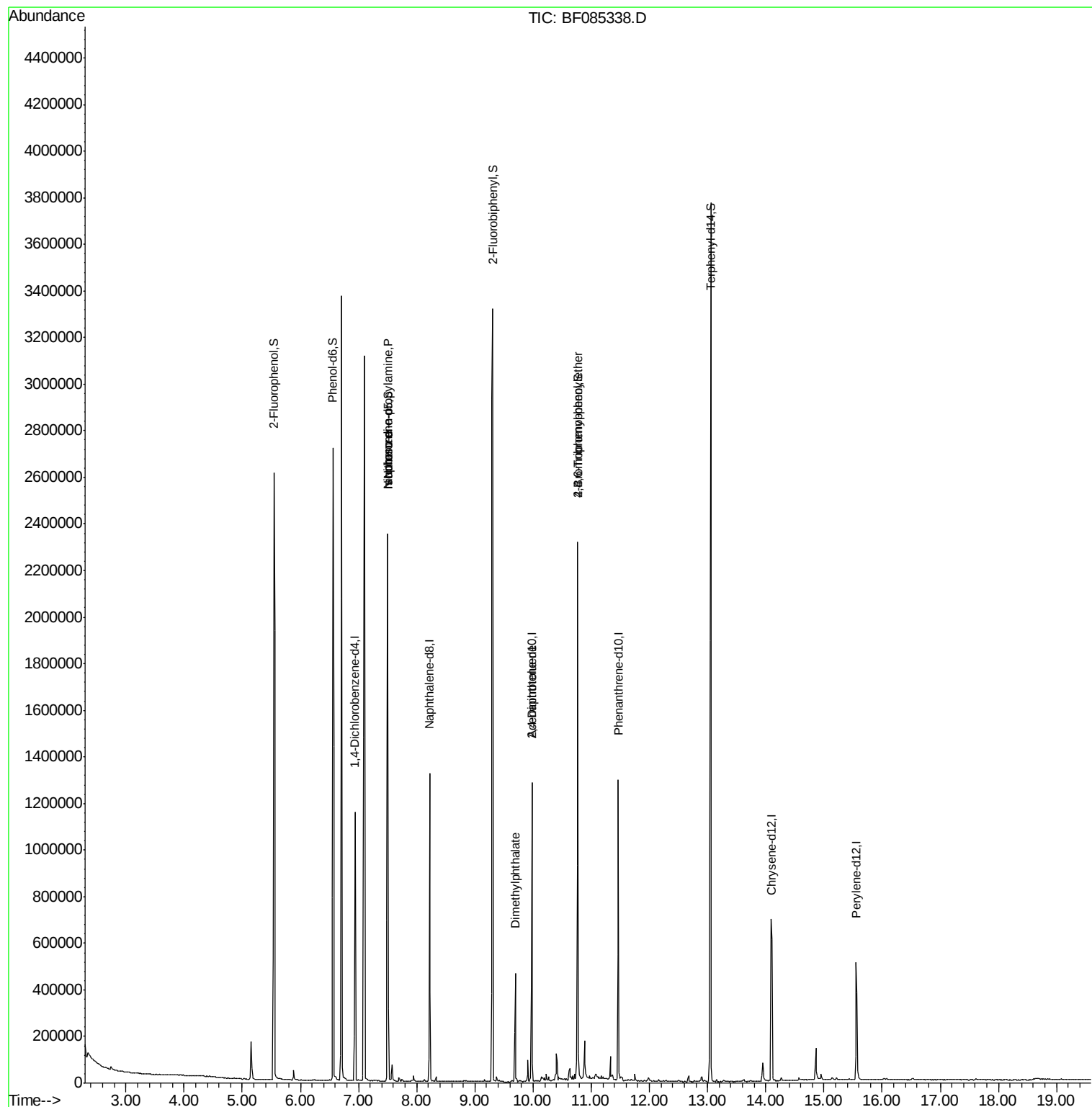
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	163288	20.00	ng	-0.05
21) Naphthalene-d8	8.22	136	618472	20.00	ng	-0.05
38) Acenaphthene-d10	9.98	164	261994	20.00	ng	-0.05
63) Phenanthrene-d10	11.46	188	520045	20.00	ng	-0.05
75) Chrysene-d12	14.11	240	332887	20.00	ng	-0.05
86) Perylene-d12	15.56	264	259313	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1117401	114.79	ng	-0.03
7) Phenol-d6	6.56	99	1368236	107.28	ng	-0.05
23) Nitrobenzene-d5	7.50	82	820799	71.02	ng	-0.05
41) 2,4,6-Tribromophenol	10.77	330	299938	133.79	ng	-0.05
44) 2-Fluorobiphenyl	9.30	172	1558649	90.48	ng	-0.05
78) Terphenyl-d14	13.05	244	1351795	94.27	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.50	70	110649	13.31	ng	# 77
25) Isophorone	7.50	82	649771	30.34	ng	# 67
49) Dimethylphthalate	9.69	163	225001	11.19	ng	99
56) 2,4-Dinitrotoluene	9.98	165	33071	6.01	ng	# 21
66) 4-Bromophenyl-phenylether	10.77	248	21446	4.25	ng	# 1

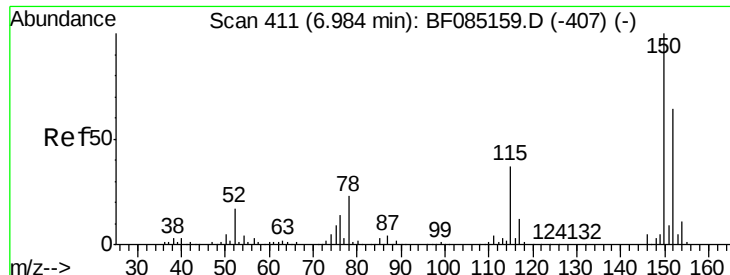
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031016\
Data File : BF085338.D
Acq On : 10 Mar 2016 17:35
Operator : UM/SJ
Sample : H1746-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 10 23:54:30 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 407

Delta R.T. -0.05 min

Lab File: BF085338.D

Acq: 10 Mar 2016 17:35

Instrument :

BNA_F

ClientSampleId :

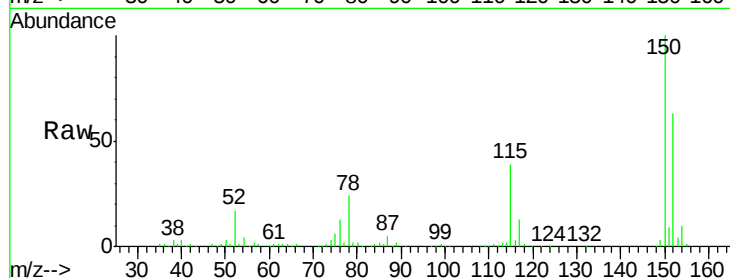
Tot Ion:152 Resp: 163288

Ion Ratio Lower Upper

152 100

150 157.5 124.6 186.8

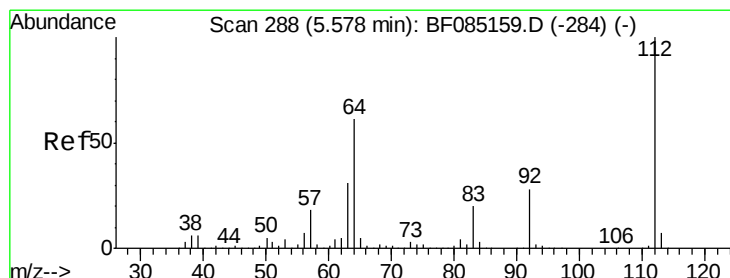
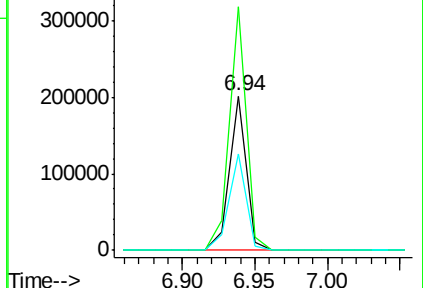
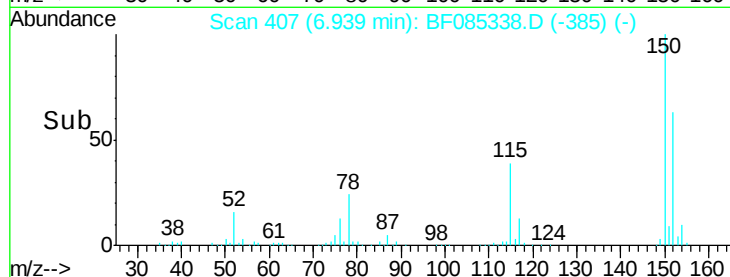
115 62.0 46.6 70.0



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: 114.79 ng

RT: 5.54 min Scan# 285

Delta R.T. -0.03 min

Lab File: BF085338.D

Acq: 10 Mar 2016 17:35

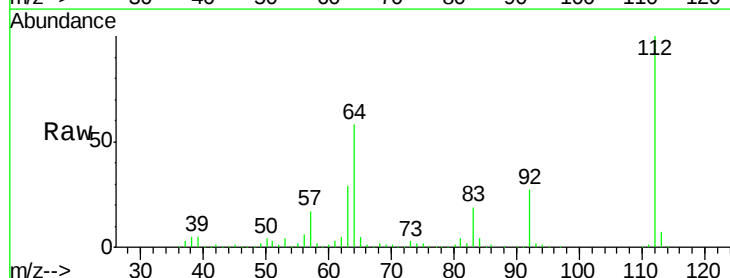
Tgt Ion:112 Resp: 1117401

Ion Ratio Lower Upper

112 100

64 58.4 49.0 73.4

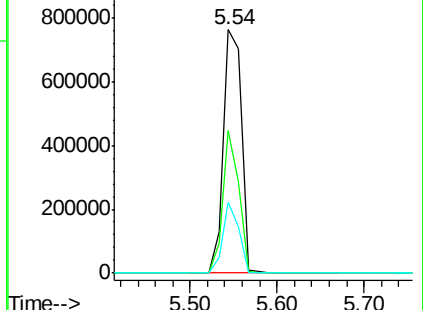
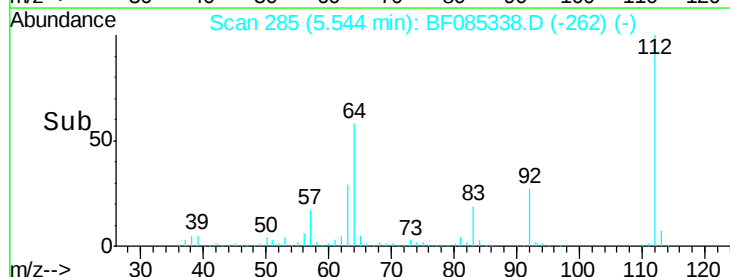
63 29.1 24.8 37.2



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: 107.28 ng

RT: 6.56 min Scan# 374

Delta R.T. -0.05 min

Lab File: BF085338.D

Acq: 10 Mar 2016 17:35

Instrument :

BNA_F

ClientSampled :

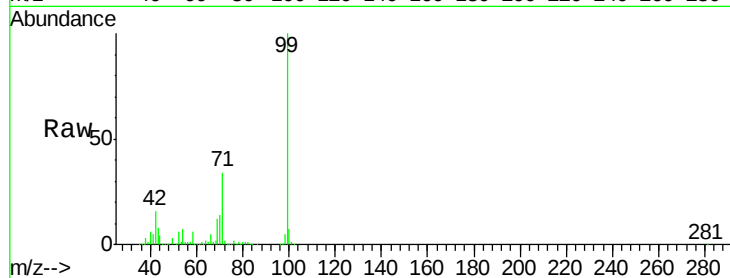
Tot Ion: 99 Resp: 1368236

Ion Ratio Lower Upper

99 100

42 16.2 13.6 20.4

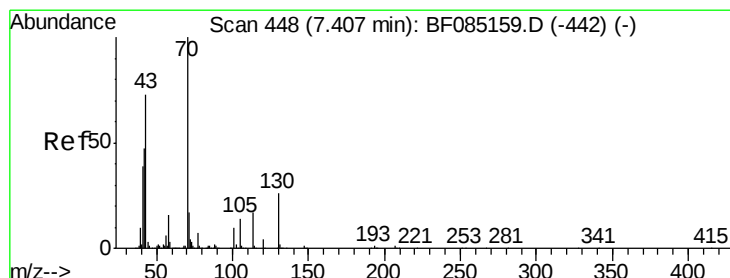
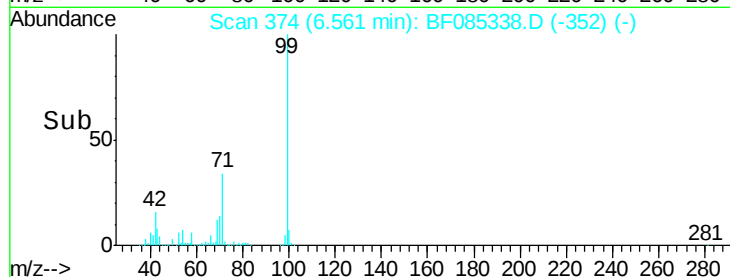
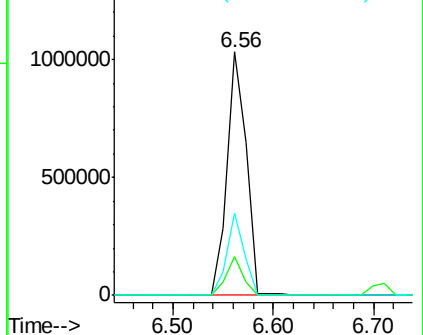
71 33.6 26.7 40.1



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.31 ng

RT: 7.50 min Scan# 456

Delta R.T. 0.09 min

Lab File: BF085338.D

Acq: 10 Mar 2016 17:35

Tgt Ion: 70 Resp: 110649

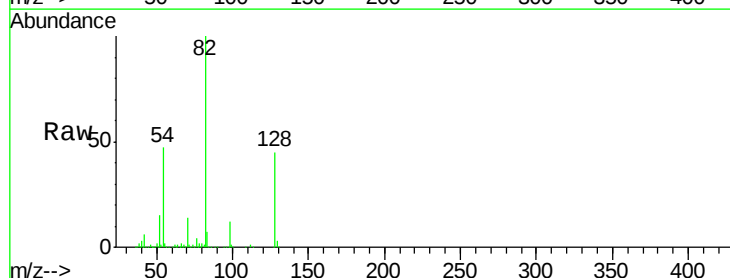
Ion Ratio Lower Upper

70 100

42 41.4 37.7 56.5

101 0.0 8.2 12.4#

130 2.1 20.5 30.7#

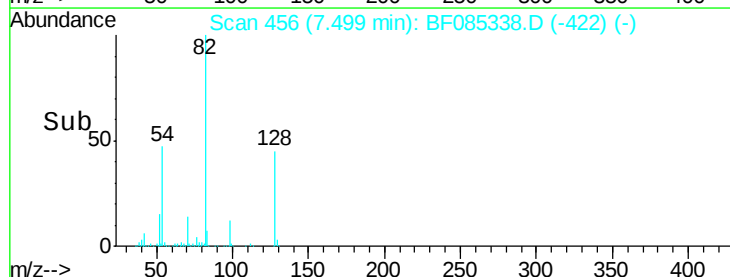
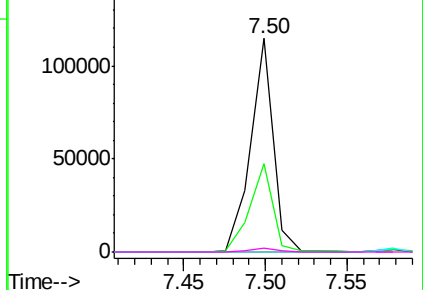


Abundance Ion 70.00 (69.70 to 70.70): BF0

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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.22 min Scan# 519

Delta R.T. -0.05 min

Lab File: BF085338.D

Acq: 10 Mar 2016 17:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 618472

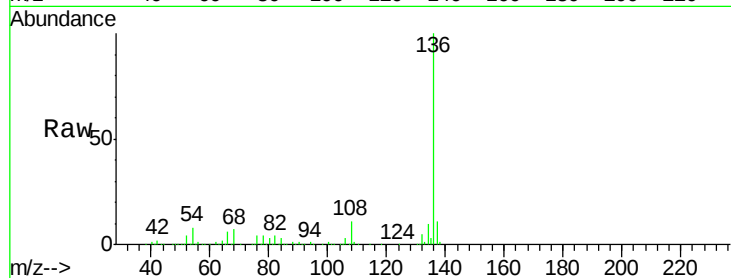
Ion Ratio Lower Upper

136 100

137 11.3 9.3 13.9

54 8.4 7.4 11.2

68 6.9 6.0 9.0

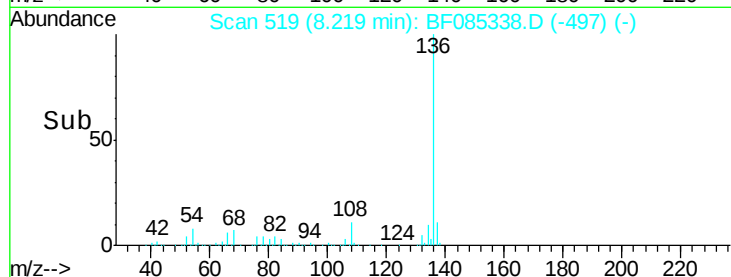


Abundance Ion 136.00 (135.70 to 136.70): E

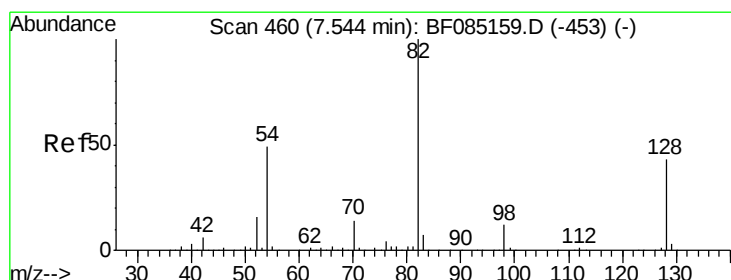
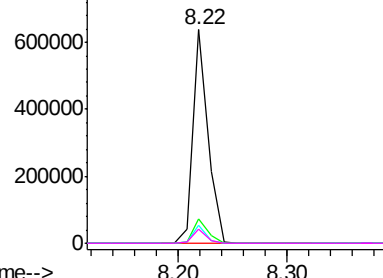
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 71.02 ng

RT: 7.50 min Scan# 456

Delta R.T. -0.05 min

Lab File: BF085338.D

Acq: 10 Mar 2016 17:35

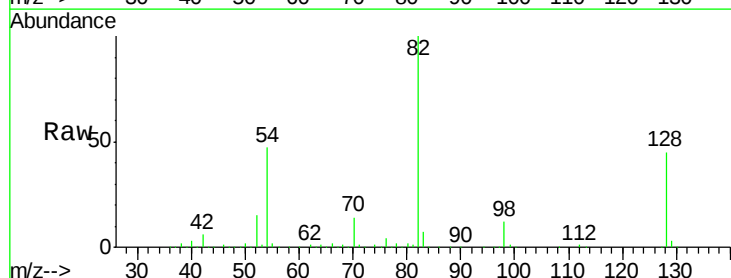
Tgt Ion: 82 Resp: 820799

Ion Ratio Lower Upper

82 100

128 44.6 34.5 51.7

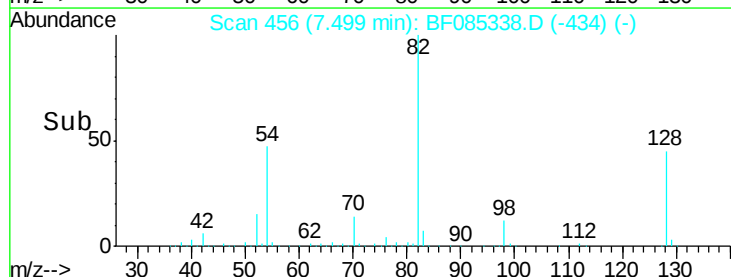
54 46.7 39.3 58.9



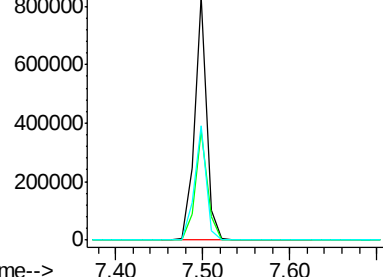
Abundance Ion 82.00 (81.70 to 82.70): BF0

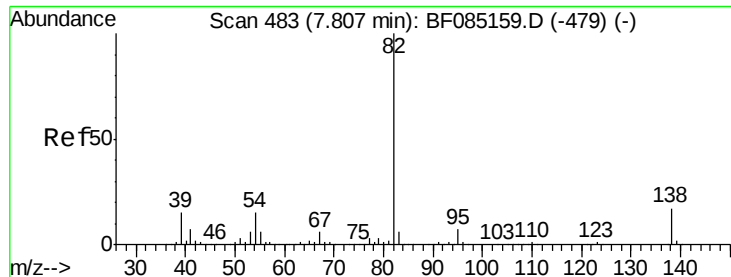
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#25

Isophorone

Concen: 30.34 ng

RT: 7.50 min Scan# 456

Delta R.T. -0.31 min

Lab File: BF085338.D

Acq: 10 Mar 2016 17:35

Instrument :

BNA_F

ClientSampleId :

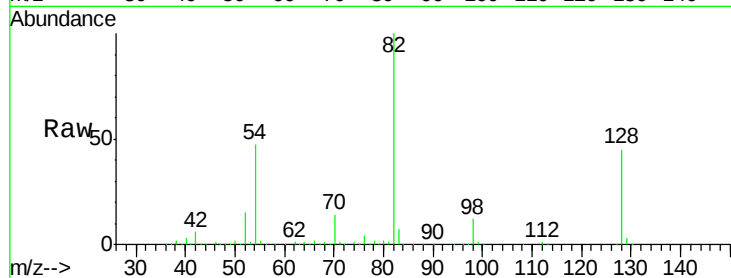
Tot Ion: 82 Resp: 649771

Ion Ratio Lower Upper

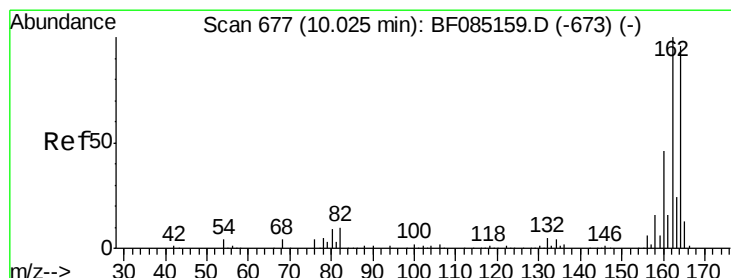
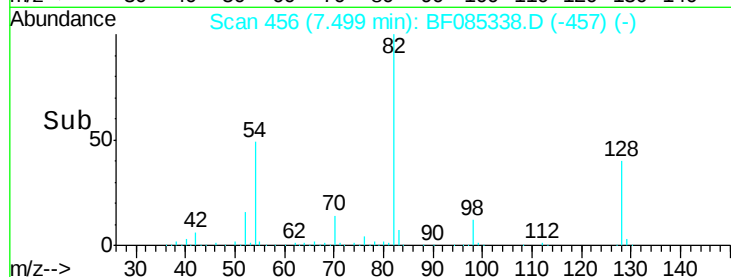
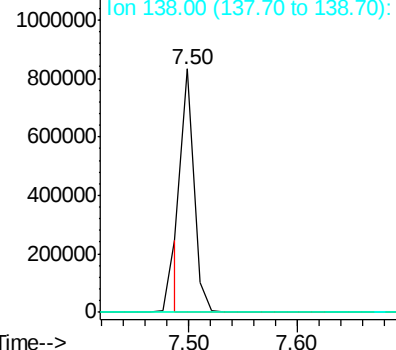
82 100

95 0.0 5.4 8.2#

138 0.0 13.3 19.9#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.98 min Scan# 673

Delta R.T. -0.05 min

Lab File: BF085338.D

Acq: 10 Mar 2016 17:35

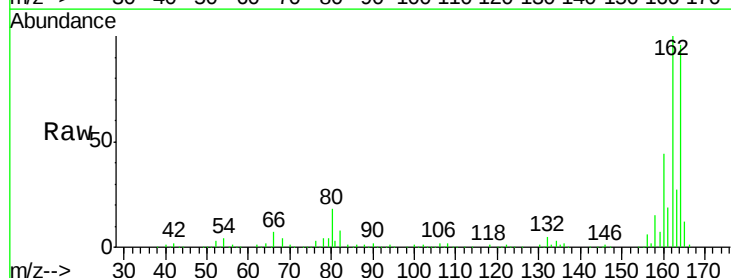
Tgt Ion: 164 Resp: 261994

Ion Ratio Lower Upper

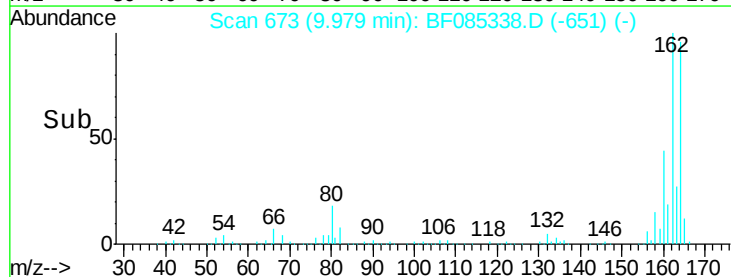
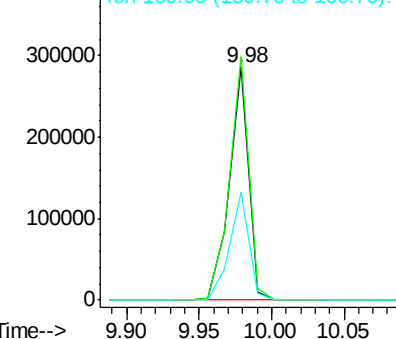
164 100

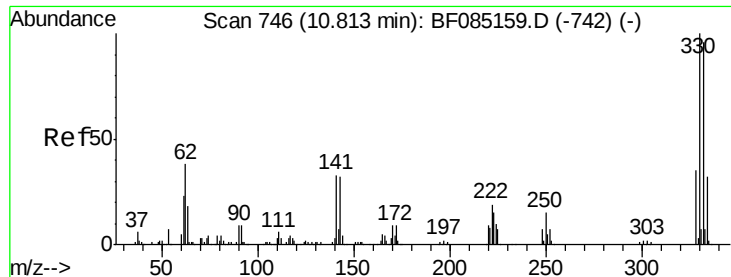
162 104.4 83.3 124.9

160 46.4 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

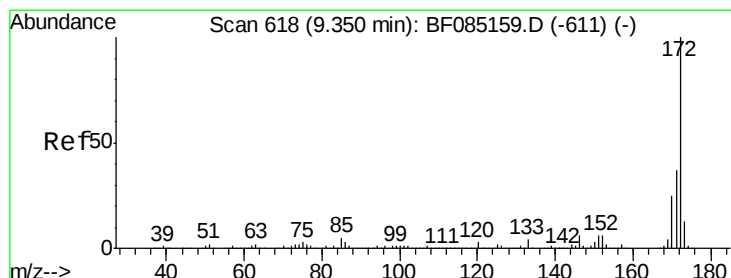
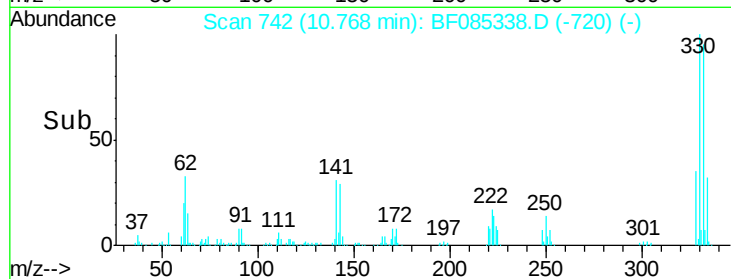
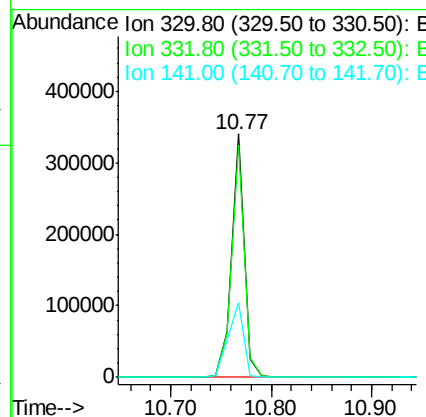
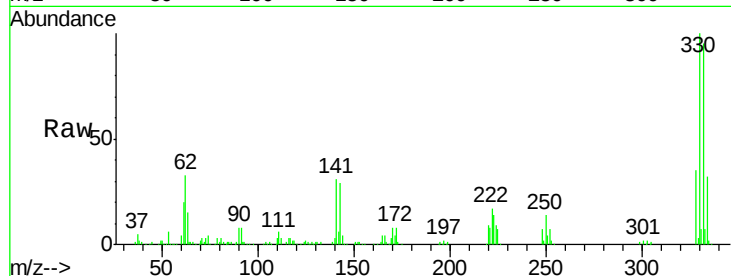




#41
 2,4,6-Tribromophenol
 Concen: 133.79 ng
 RT: 10.77 min Scan# 742
 Delta R.T. -0.05 min
 Lab File: BF085338.D
 Acq: 10 Mar 2016 17:35

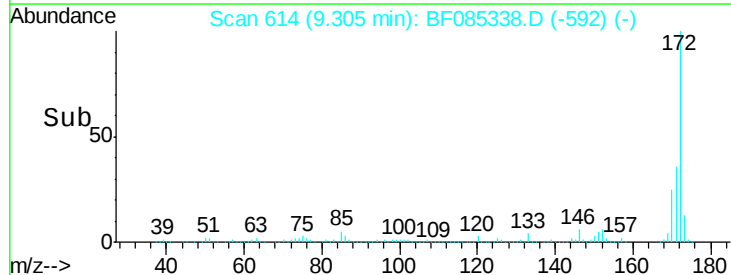
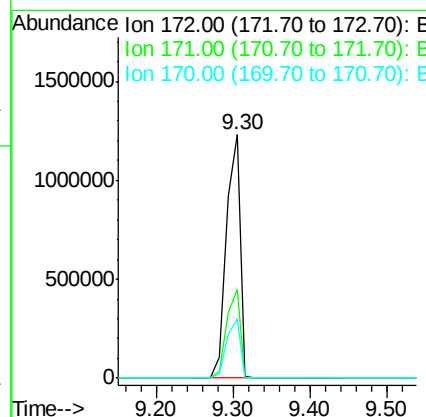
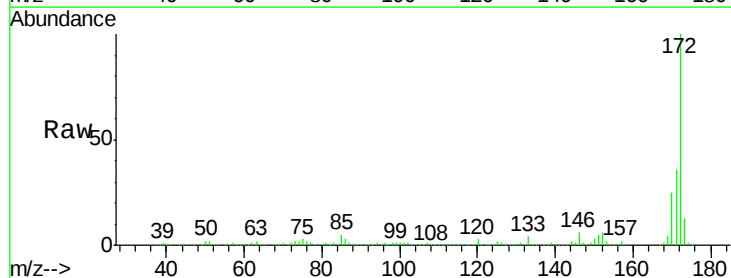
Instrument :
 BNA_F
 ClientSampleId :

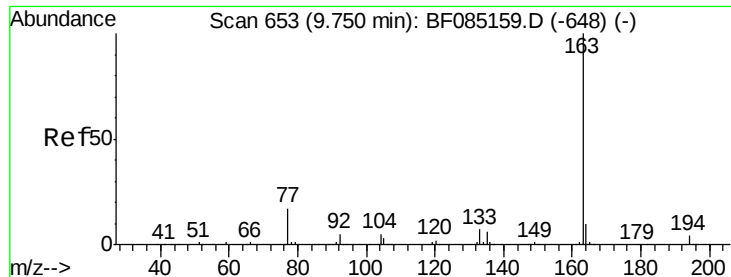
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.1	115.7
141	37.8	35.0	52.6



#44
 2-Fluorobiphenyl
 Concen: 90.48 ng
 RT: 9.30 min Scan# 614
 Delta R.T. -0.05 min
 Lab File: BF085338.D
 Acq: 10 Mar 2016 17:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.3	43.9
170	24.5	20.0	30.0





#49

Dimethylphthalate

Concen: 11.19 ng

RT: 9.69 min Scan# 648

Delta R.T. -0.06 min

Lab File: BF085338.D

Acq: 10 Mar 2016 17:35

Instrument :

BNA_F

ClientSampleId :

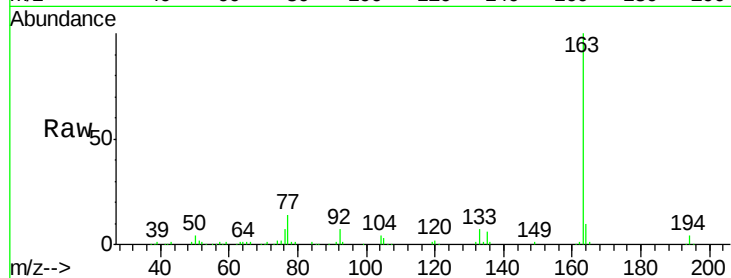
Tot Ion:163 Resp: 225001

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

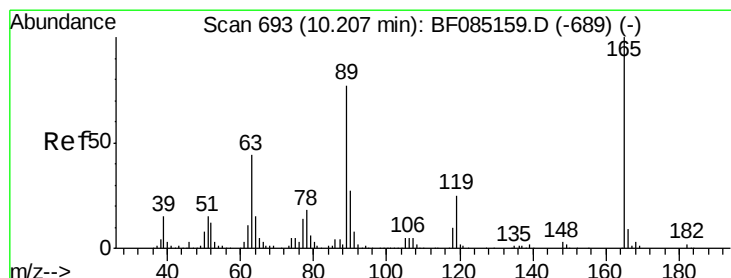
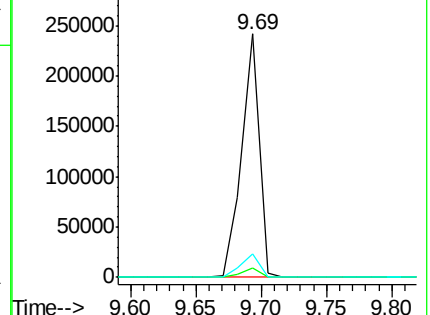
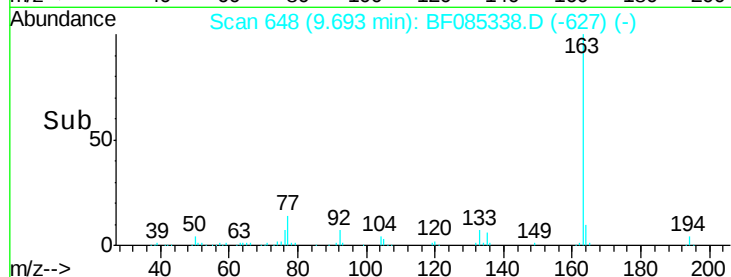
164 9.9 8.2 12.4



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



#56

2,4-Dinitrotoluene

Concen: 6.01 ng

RT: 9.98 min Scan# 673

Delta R.T. -0.23 min

Lab File: BF085338.D

Acq: 10 Mar 2016 17:35

Tgt Ion:165 Resp: 33071

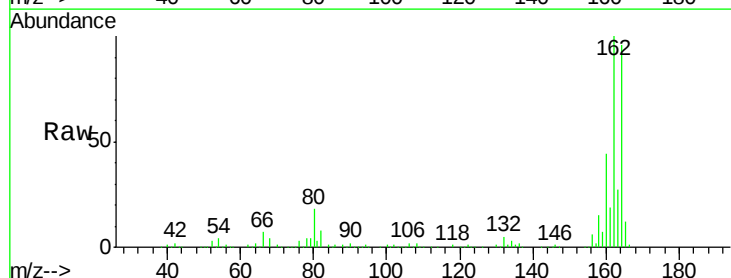
Ion Ratio Lower Upper

165 100

63 1.2 35.4 53.0#

89 1.2 61.9 92.9#

182 0.0 1.9 2.9#

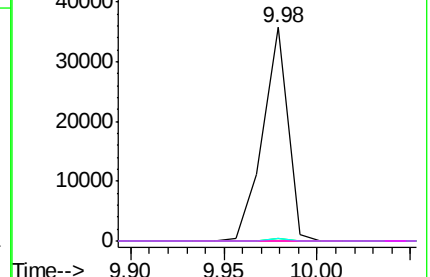
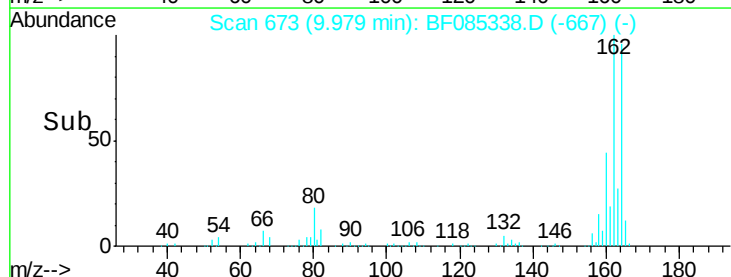


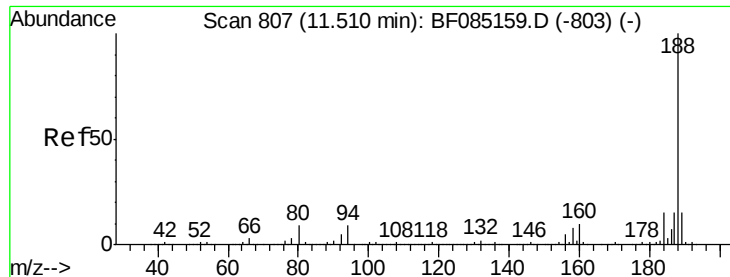
Abundance Ion 165.00 (164.70 to 165.70): E

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

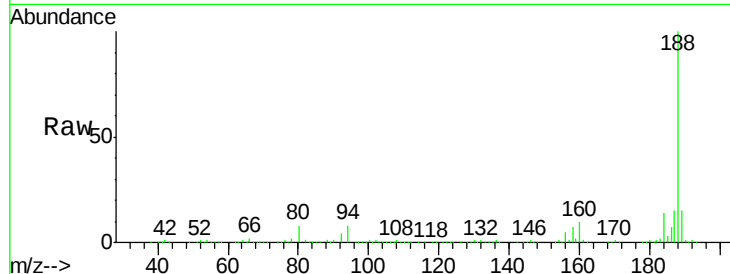




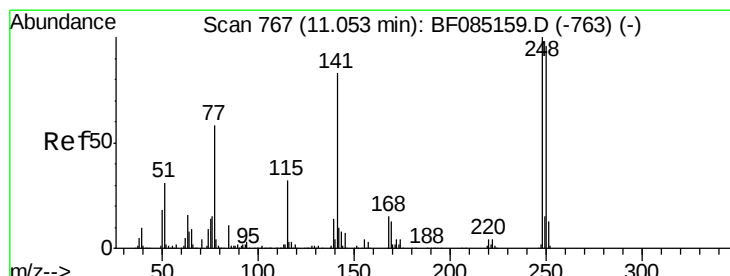
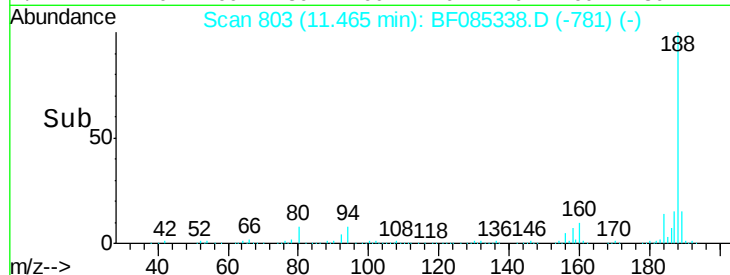
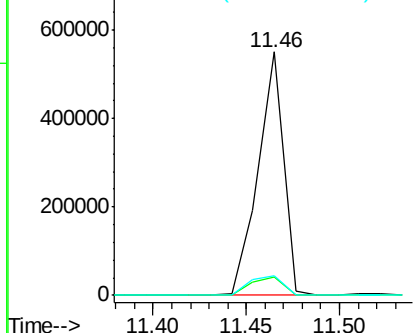
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 803
Delta R.T. -0.05 min
Lab File: BF085338.D
Acq: 10 Mar 2016 17:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 520045
Ion Ratio Lower Upper
188 100
94 7.5 7.0 10.6
80 7.9 7.4 11.0

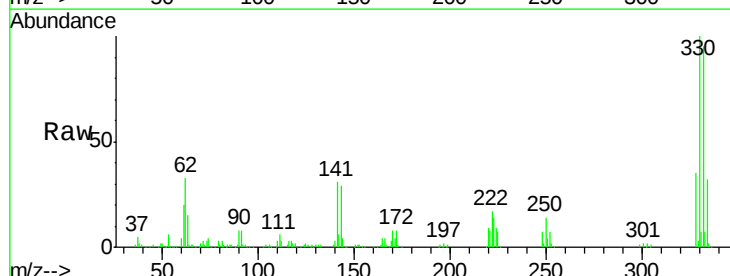


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

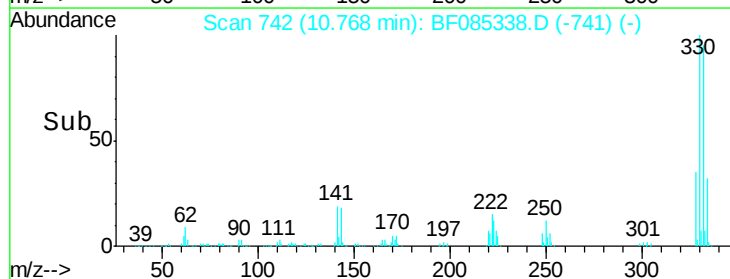
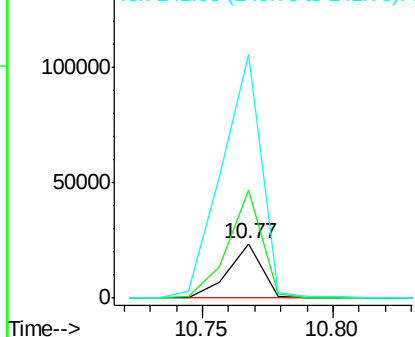


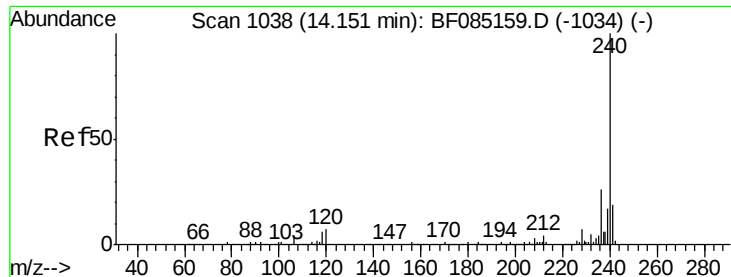
#66
4-Bromophenyl-phenylether
Concen: 4.25 ng
RT: 10.77 min Scan# 742
Delta R.T. -0.29 min
Lab File: BF085338.D
Acq: 10 Mar 2016 17:35

Tgt Ion:248 Resp: 21446
Ion Ratio Lower Upper
248 100
250 198.3 77.1 115.7#
141 447.1 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: BF085338.D

Acq: 10 Mar 2016 17:35

Instrument :

BNA_F

ClientSampleId :

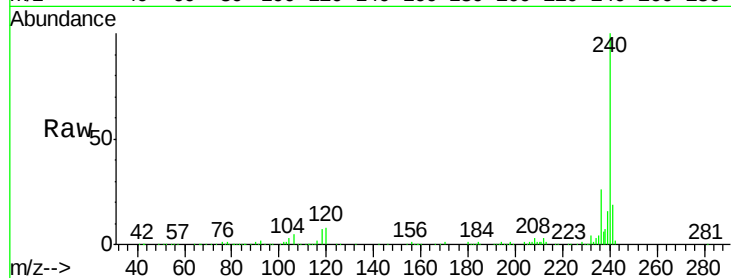
Tot Ion:240 Resp: 332887

Ion Ratio Lower Upper

240 100

120 7.8 5.3 7.9

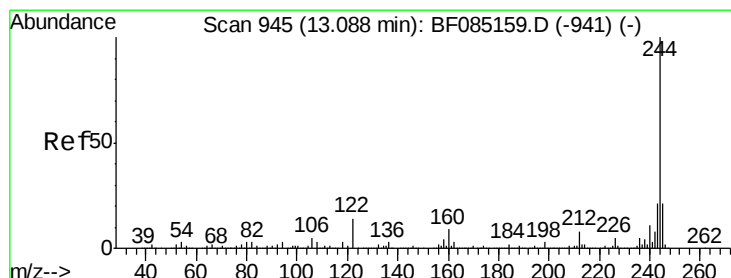
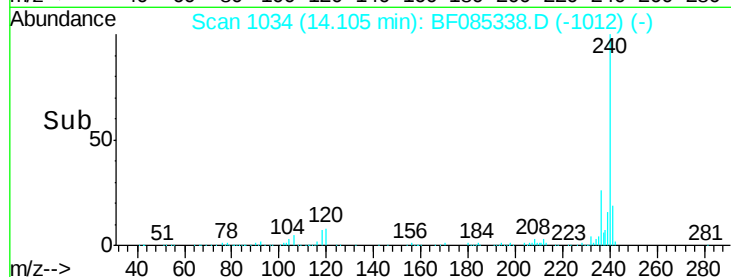
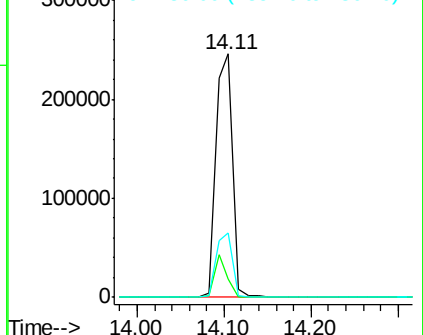
236 26.2 20.7 31.1



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: 94.27 ng

RT: 13.05 min Scan# 942

Delta R.T. -0.03 min

Lab File: BF085338.D

Acq: 10 Mar 2016 17:35

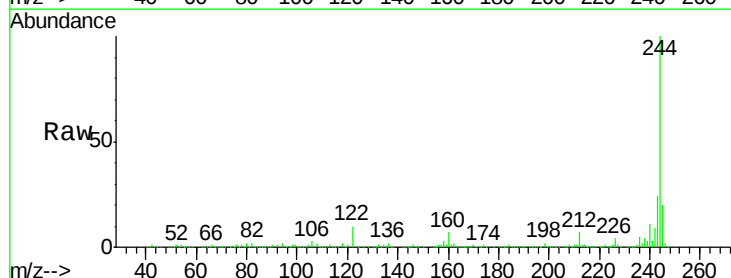
Tgt Ion:244 Resp: 1351795

Ion Ratio Lower Upper

244 100

212 7.1 6.4 9.6

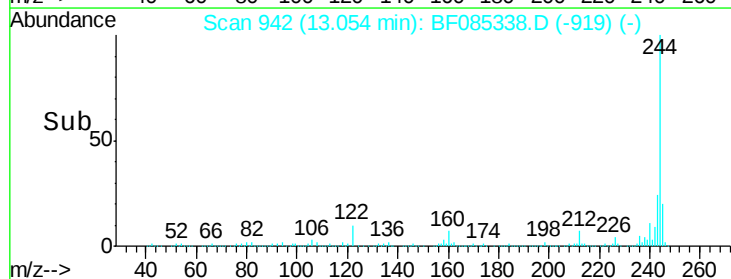
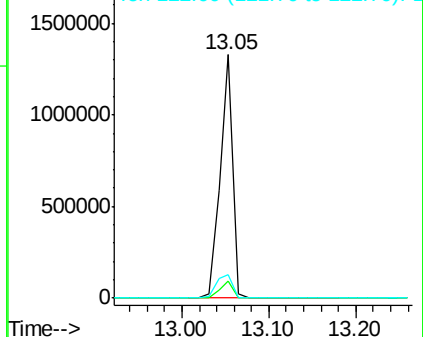
122 9.9 11.4 17.2

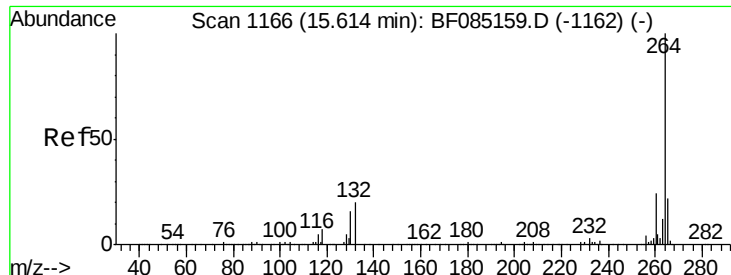


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

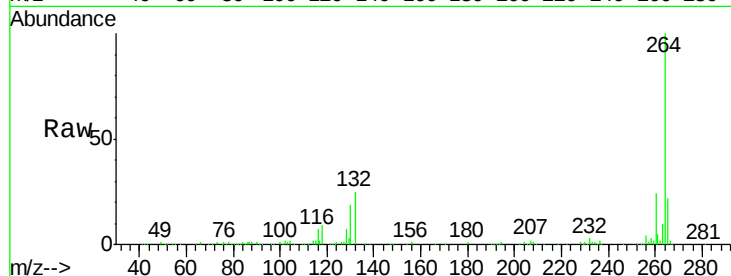




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.56 min Scan# 1161
 Delta R.T. -0.06 min
 Lab File: BF085338.D
 Acq: 10 Mar 2016 17:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.6	17.3	25.9



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

