

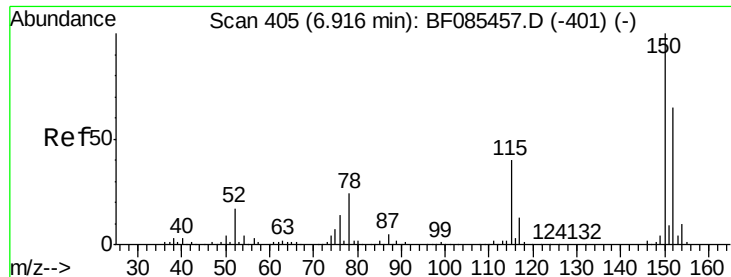
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031616\
 Data File : BF085472.D
 Acq On : 16 Mar 2016 20:07
 Operator : UM/SJ
 Sample : H1788-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)

Quant Time: Mar 17 00:51:09 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 15 18:57:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	121090	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	488672	20.00	ng	-0.02
38) Acenaphthene-d10	9.94	164	230827	20.00	ng	-0.01
63) Phenanthrene-d10	11.43	188	426526	20.00	ng	-0.01
75) Chrysene-d12	14.06	240	297383	20.00	ng	-0.02
86) Perylene-d12	15.51	264	196576	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	749242	106.36	ng	-0.01
7) Phenol-d6	6.53	99	920457	100.73	ng	-0.02
23) Nitrobenzene-d5	7.46	82	650386	78.69	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	241190	113.45	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	1043503	78.43	ng	-0.02
78) Terphenyl-d14	13.01	244	901805	68.60	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.66	77	17146	3.36	ng	Qvalue 81
19) n-Nitroso-di-n-propylamine	7.46	70	87313	15.96	ng	# 76
25) Isophorone	7.46	82	499065	29.61	ng	# 67
49) Dimethylphthalate	9.66	163	182903	10.86	ng	98
56) 2,4-Dinitrotoluene	9.94	165	29347	6.29	ng	# 22
66) 4-Bromophenyl-phenylether	10.73	248	16026	3.71	ng	# 1

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

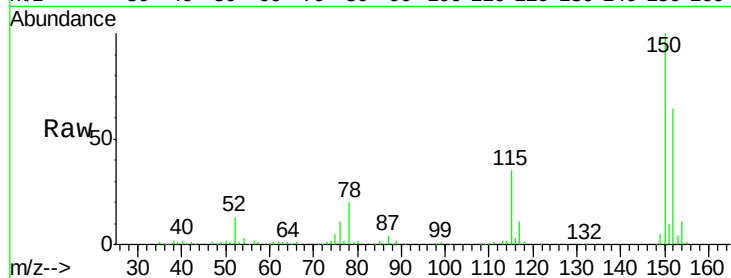


#1

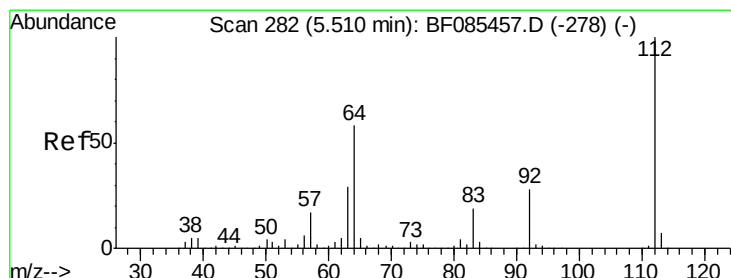
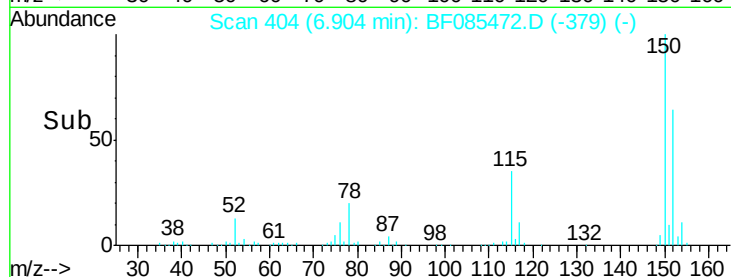
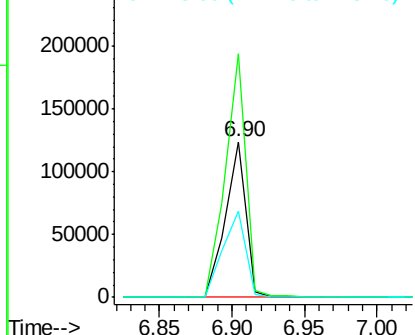
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 404
Delta R.T. -0.01 min
Lab File: BF085472.D
Acq: 16 Mar 2016 20:07

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)

Tgt Ion:152 Resp: 121090
Ion Ratio Lower Upper
152 100
150 156.3 124.6 186.8
115 55.0 46.6 70.0



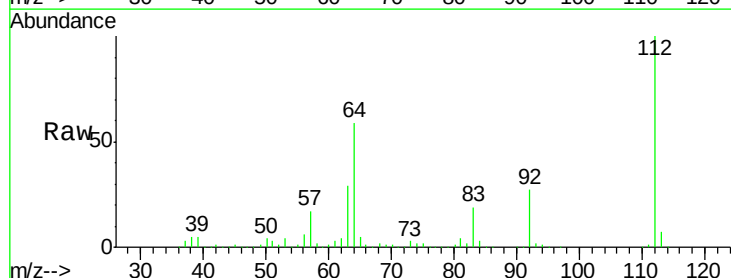
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



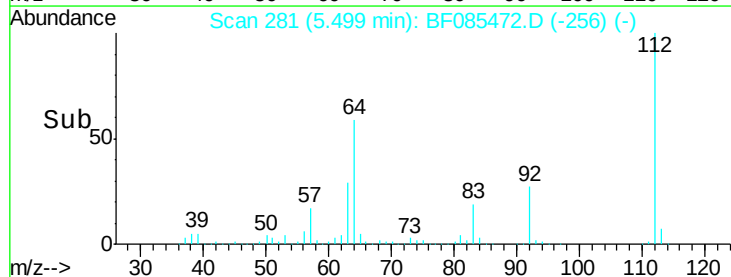
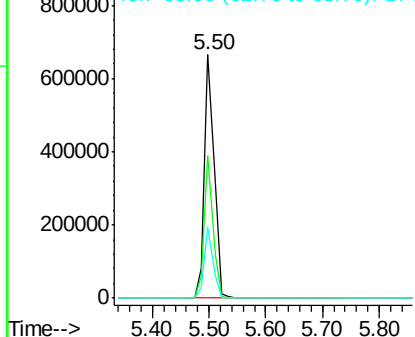
#5

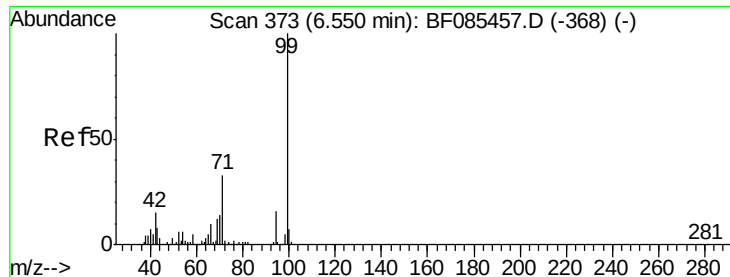
2-Fluorophenol
Concen: 106.36 ng
RT: 5.50 min Scan# 281
Delta R.T. -0.01 min
Lab File: BF085472.D
Acq: 16 Mar 2016 20:07

Tgt Ion:112 Resp: 749242
Ion Ratio Lower Upper
112 100
64 58.5 49.0 73.4
63 29.3 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: 100.73 ng

RT: 6.53 min Scan# 371

Delta R.T. -0.02 min

Lab File: BF085472.D

Acq: 16 Mar 2016 20:07

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)

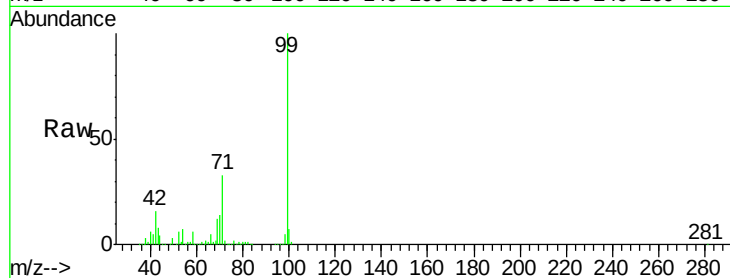
Tgt Ion: 99 Resp: 920457

Ion Ratio Lower Upper

99 100

42 16.1 13.6 20.4

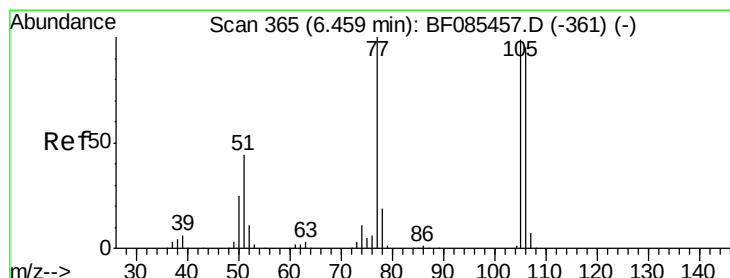
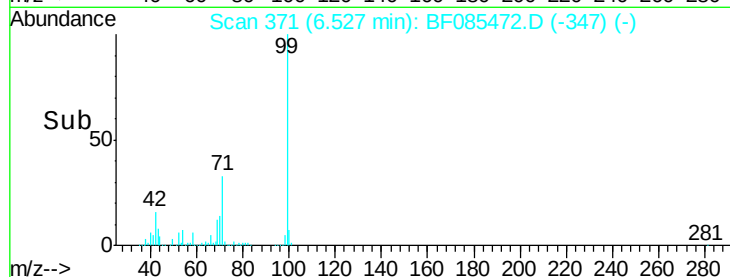
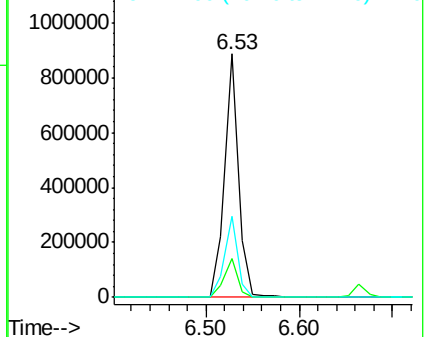
71 33.5 26.7 40.1



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



#9

Benzaldehyde

Concen: 3.36 ng

RT: 6.66 min Scan# 383

Delta R.T. 0.21 min

Lab File: BF085472.D

Acq: 16 Mar 2016 20:07

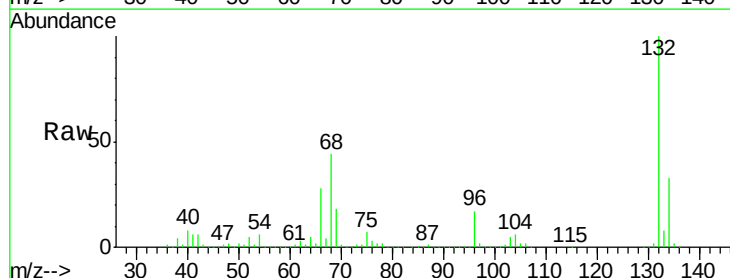
Tgt Ion: 77 Resp: 17146

Ion Ratio Lower Upper

77 100

105 81.6 78.2 118.2

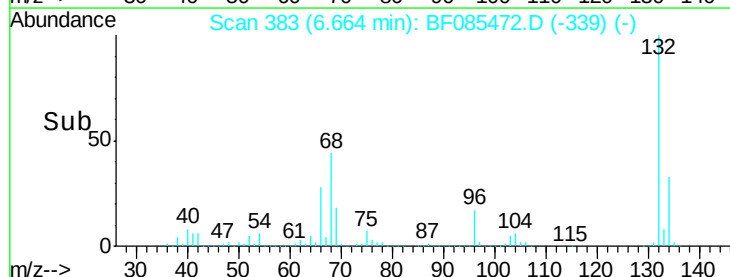
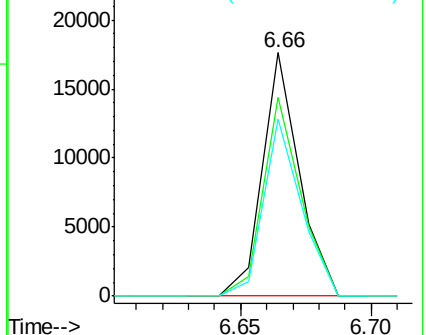
106 72.9 72.9 112.9

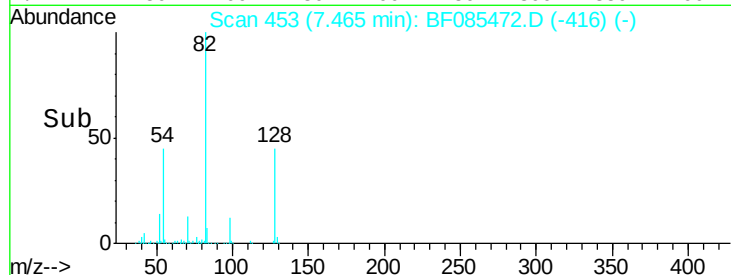
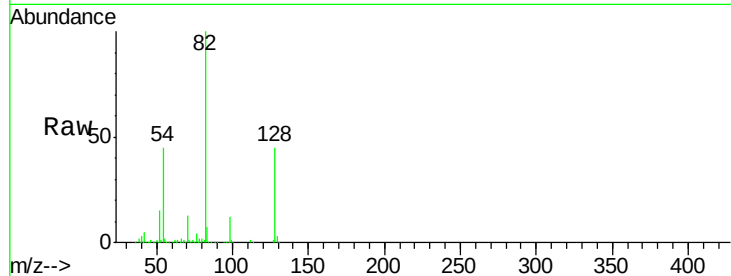
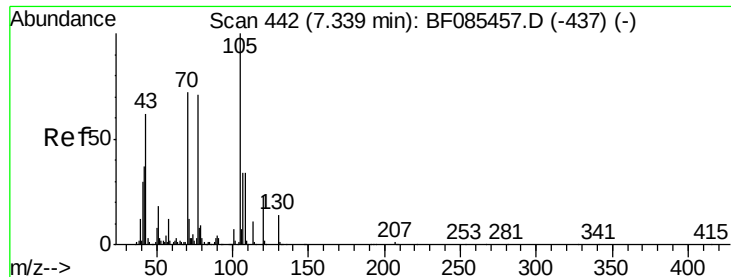


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

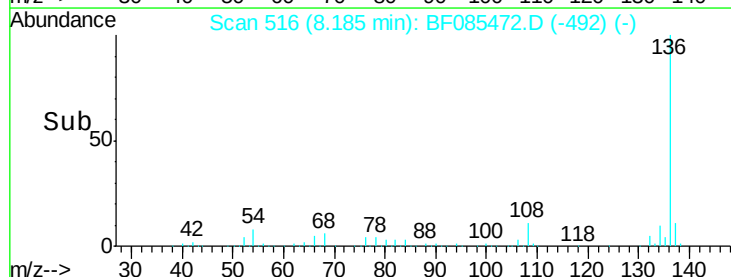
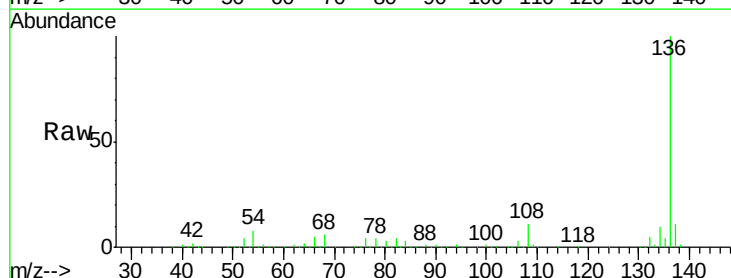
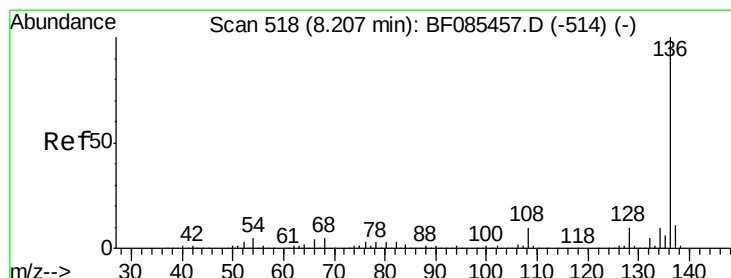
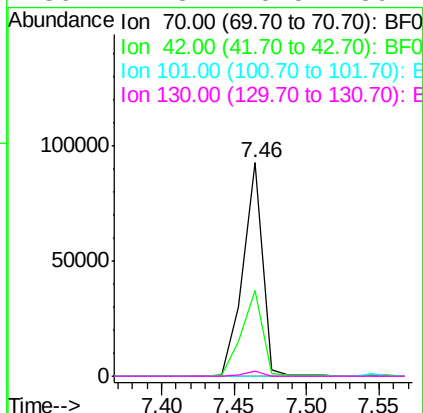




#19
n-Nitroso-di-n-propylamine
Concen: 15.96 ng
RT: 7.46 min Scan# 453
Delta R.T. 0.13 min
Lab File: BF085472.D
Acq: 16 Mar 2016 20:07

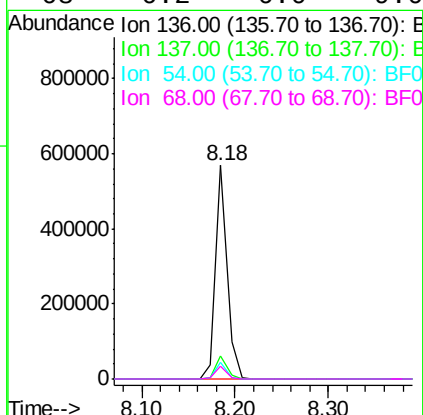
Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)

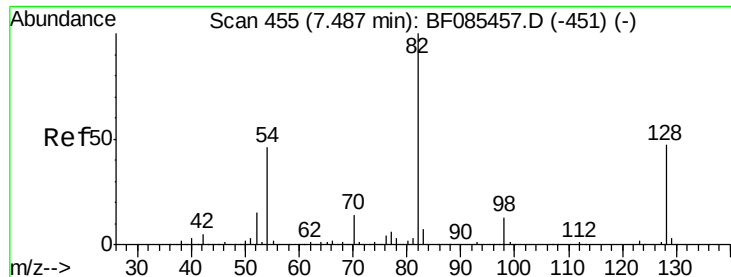
Tgt Ion	Ratio	Lower	Upper
70	100		
42	39.9	37.7	56.5
101	0.0	8.2	12.4#
130	2.3	20.5	30.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 516
Delta R.T. -0.02 min
Lab File: BF085472.D
Acq: 16 Mar 2016 20:07

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.3	13.9
54	7.7	7.4	11.2
68	6.2	6.0	9.0

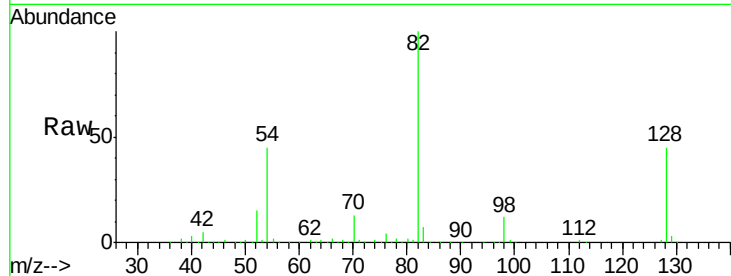




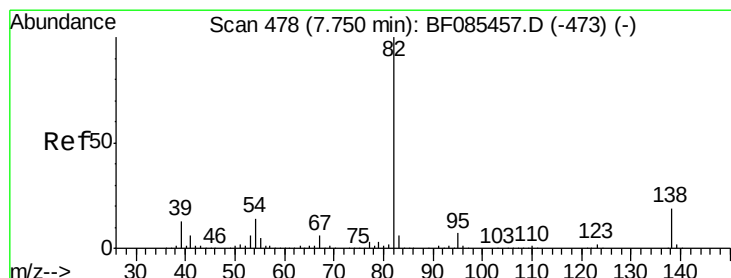
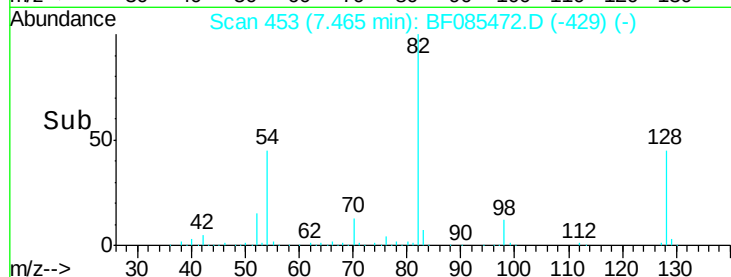
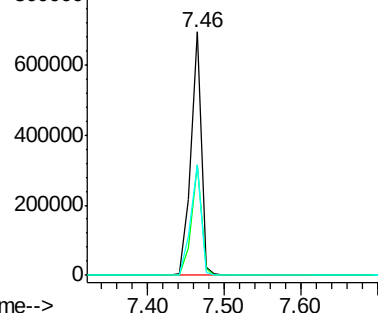
#23
 Nitrobenzene-d5
 Concen: 78.69 ng
 RT: 7.46 min Scan# 453
 Delta R.T. -0.02 min
 Lab File: BF085472.D
 Acq: 16 Mar 2016 20:07

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)

Tgt Ion: 82 Resp: 650386
 Ion Ratio Lower Upper
 82 100
 128 45.3 34.5 51.7
 54 45.3 39.3 58.9

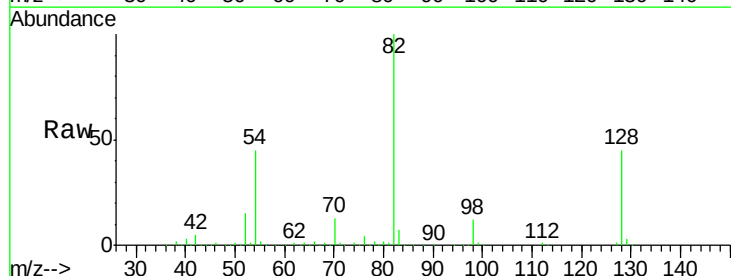


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

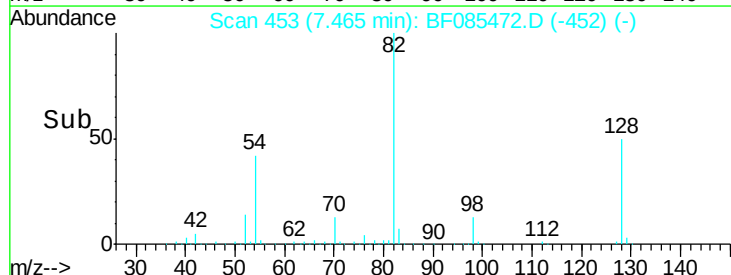
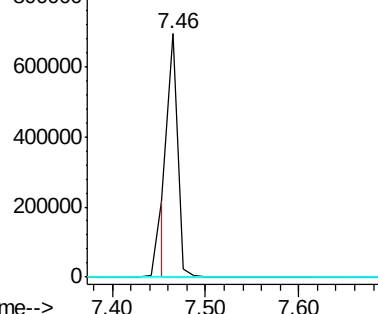


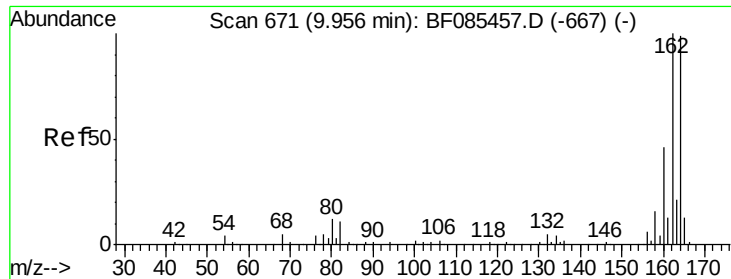
#25
 Isophorone
 Concen: 29.61 ng
 RT: 7.46 min Scan# 453
 Delta R.T. -0.29 min
 Lab File: BF085472.D
 Acq: 16 Mar 2016 20:07

Tgt Ion: 82 Resp: 499065
 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: 9.94 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF085472.D

Acq: 16 Mar 2016 20:07

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)

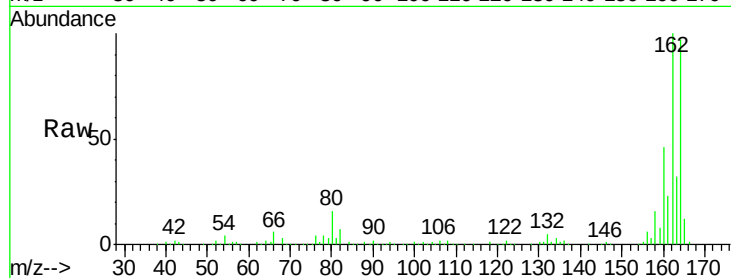
Tgt Ion:164 Resp: 230827

Ion Ratio Lower Upper

164 100

162 102.6 83.3 124.9

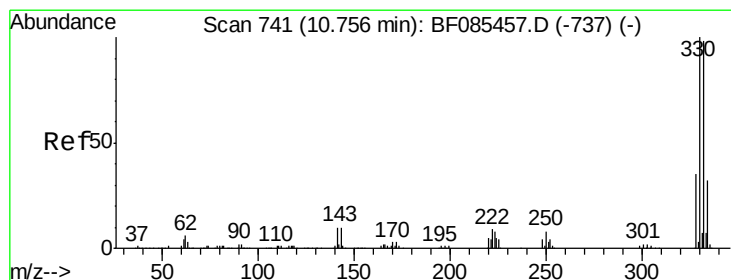
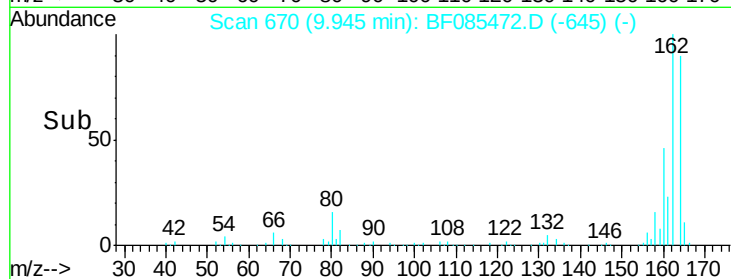
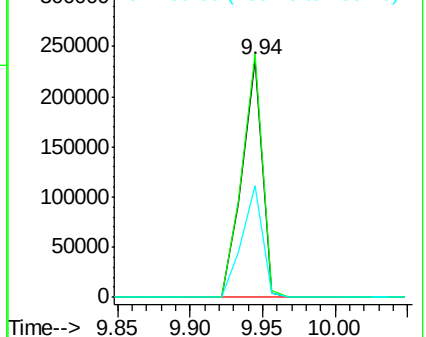
160 47.3 37.9 56.9



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: 113.45 ng

RT: 10.73 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF085472.D

Acq: 16 Mar 2016 20:07

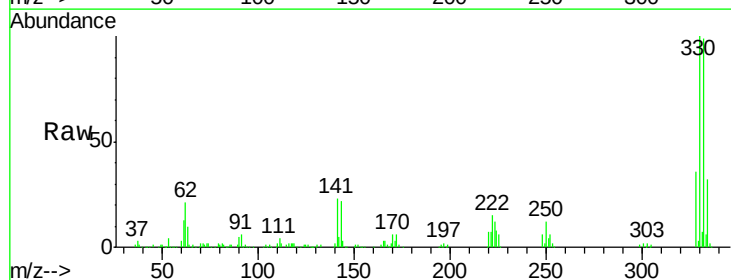
Tgt Ion:330 Resp: 241190

Ion Ratio Lower Upper

330 100

332 98.3 77.1 115.7

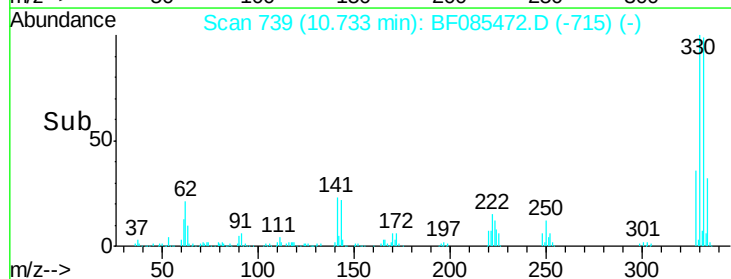
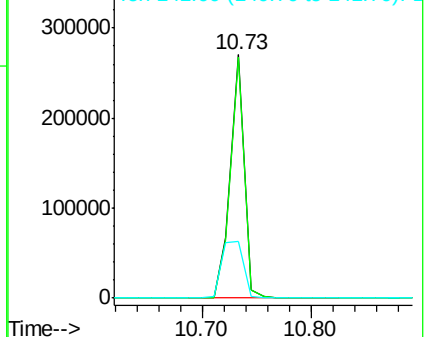
141 36.9 35.0 52.6

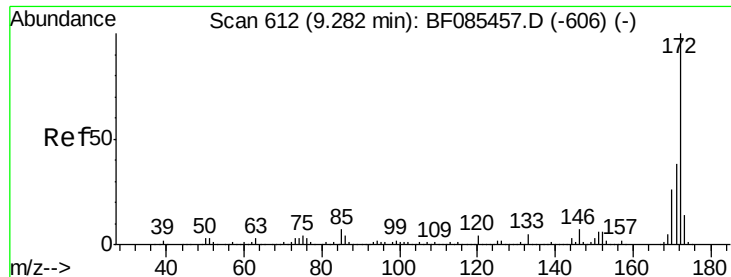


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

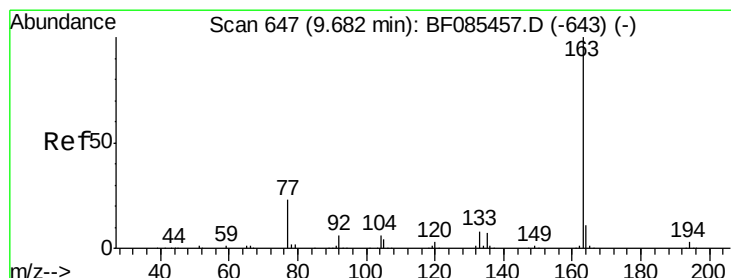
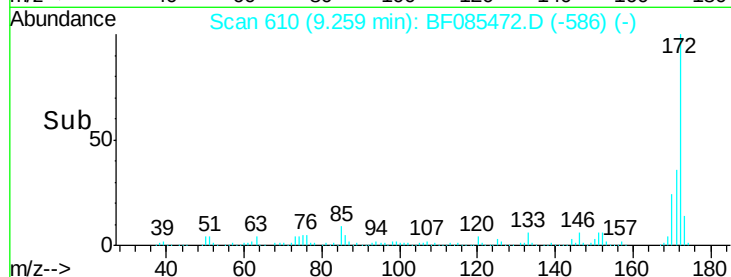
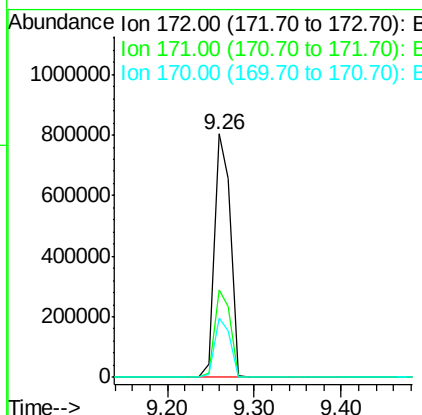
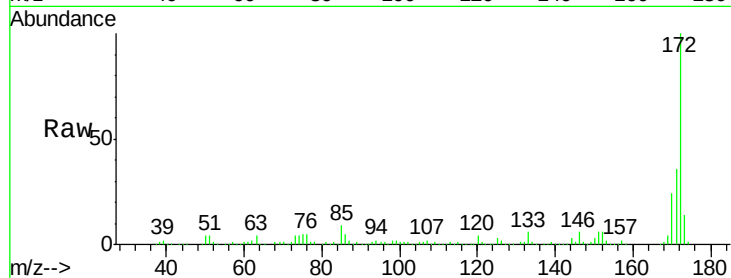




#44
 2-Fluorobiphenyl
 Concen: 78.43 ng
 RT: 9.26 min Scan# 610
 Delta R.T. -0.02 min
 Lab File: BF085472.D
 Acq: 16 Mar 2016 20:07

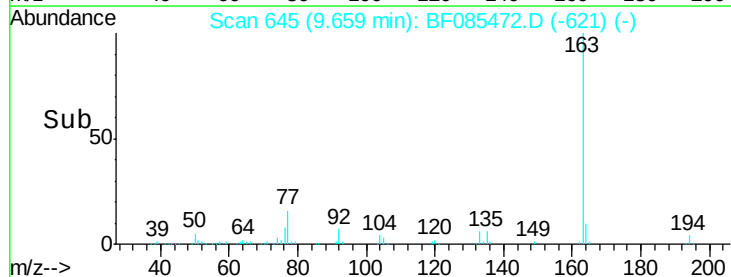
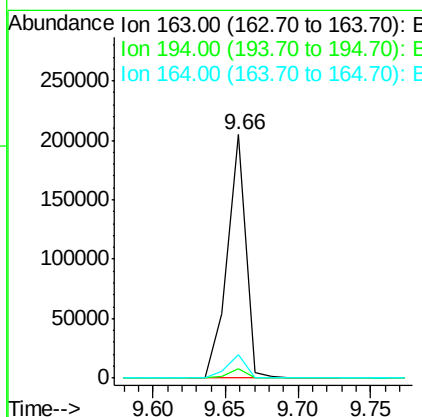
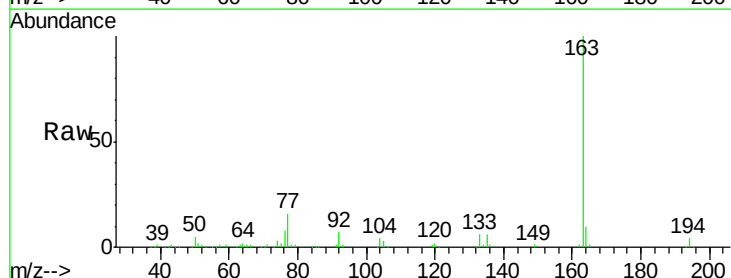
Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)

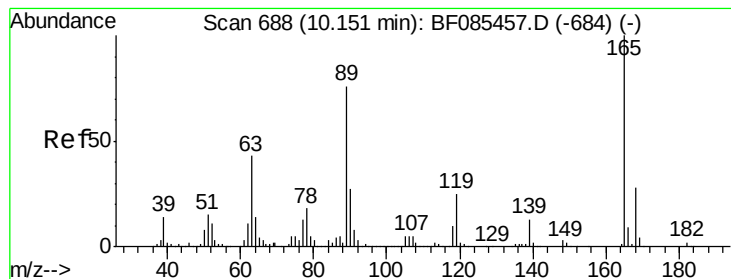
Tgt Ion:172 Resp: 1043503
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.3 43.9
 170 24.3 20.0 30.0



#49
 Dimethylphthalate
 Concen: 10.86 ng
 RT: 9.66 min Scan# 645
 Delta R.T. -0.02 min
 Lab File: BF085472.D
 Acq: 16 Mar 2016 20:07

Tgt Ion:163 Resp: 182903
 Ion Ratio Lower Upper
 163 100
 194 3.7 3.1 4.7
 164 9.5 8.2 12.4





#56

2,4-Dinitrotoluene

Concen: 6.29 ng

RT: 9.94 min Scan# 670

Delta R.T. -0.21 min

Lab File: BF085472.D

Acq: 16 Mar 2016 20:07

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)

Tgt Ion:165 Resp: 29347

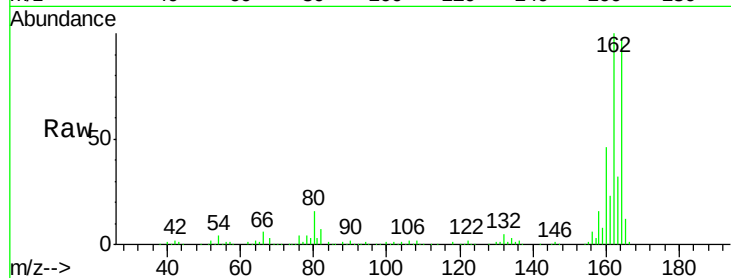
Ion Ratio Lower Upper

165 100

63 1.4 35.4 53.0#

89 1.5 61.9 92.9#

182 0.0 1.9 2.9#

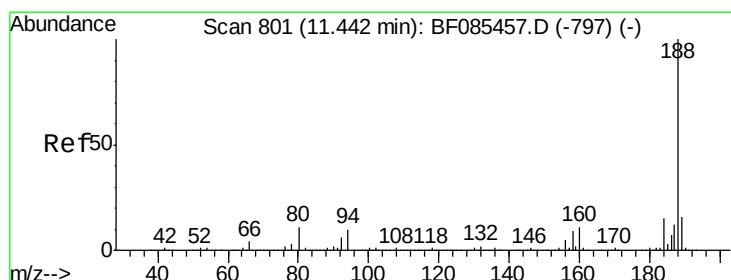
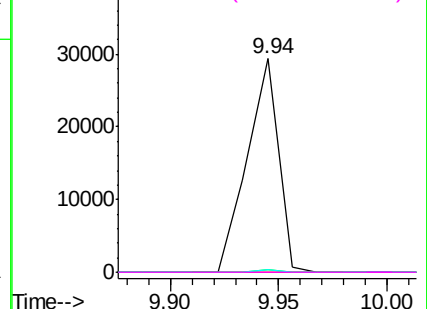
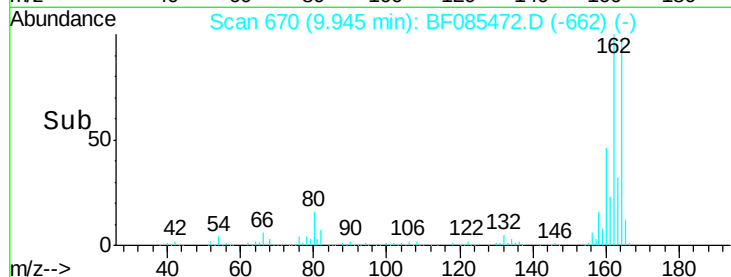


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.43 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF085472.D

Acq: 16 Mar 2016 20:07

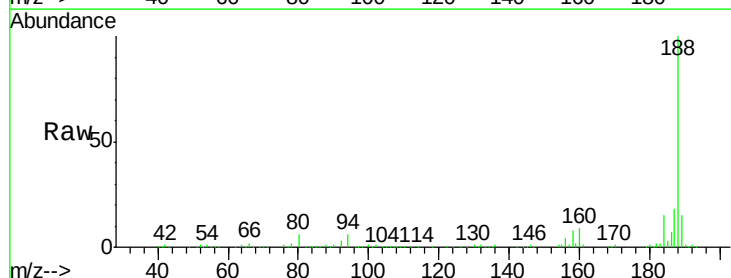
Tgt Ion:188 Resp: 426526

Ion Ratio Lower Upper

188 100

94 6.2 7.0 10.6#

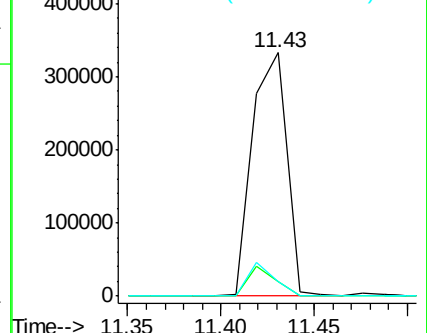
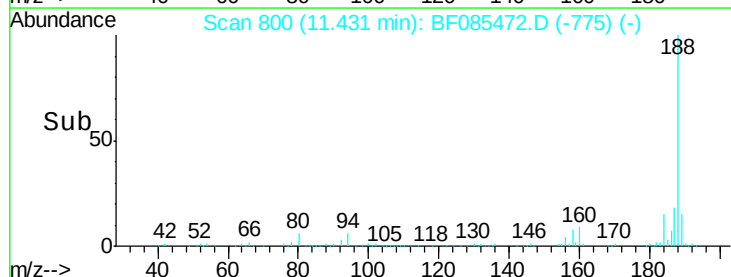
80 5.9 7.4 11.0#

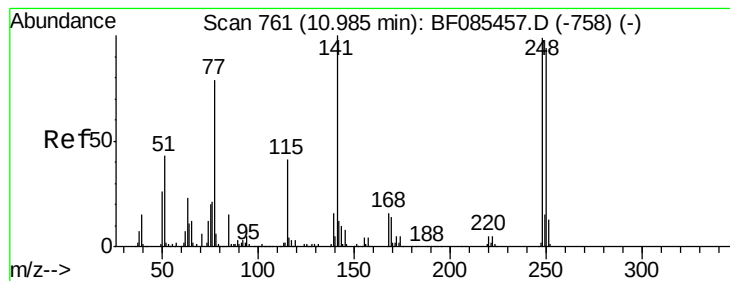


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 3.71 ng

RT: 10.73 min Scan# 739

Delta R.T. -0.25 min

Lab File: BF085472.D

Acq: 16 Mar 2016 20:07

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)

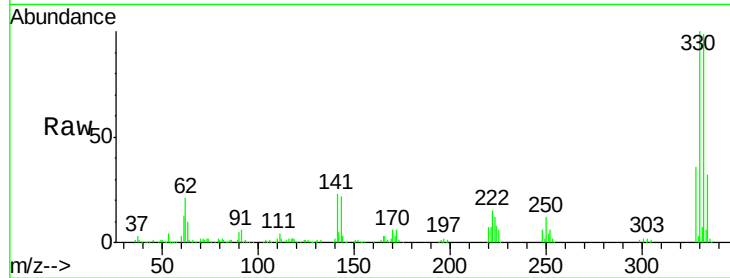
Tgt Ion:248 Resp: 16026

Ion Ratio Lower Upper

248 100

250 208.6 77.1 115.7#

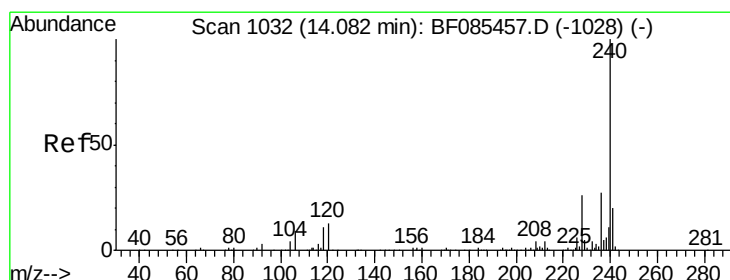
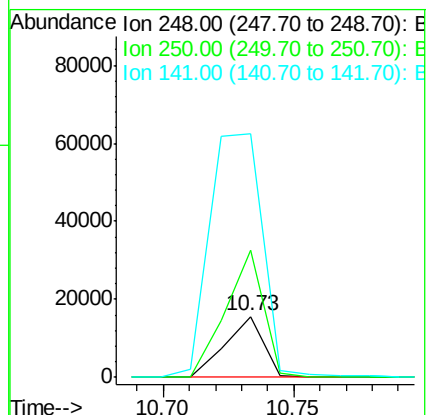
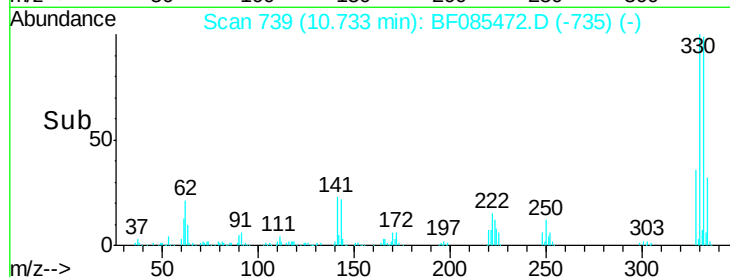
141 401.1 66.2 99.2#



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: 14.06 min Scan# 1030

Delta R.T. -0.02 min

Lab File: BF085472.D

Acq: 16 Mar 2016 20:07

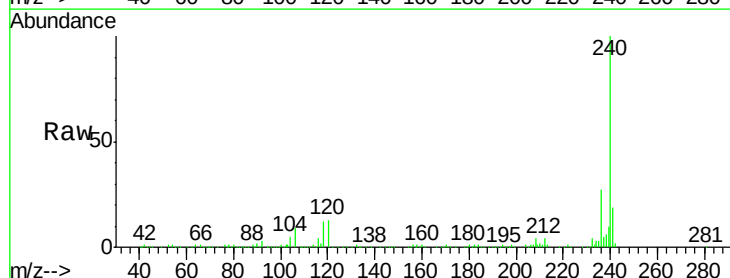
Tgt Ion:240 Resp: 297383

Ion Ratio Lower Upper

240 100

120 13.1 5.3 7.9#

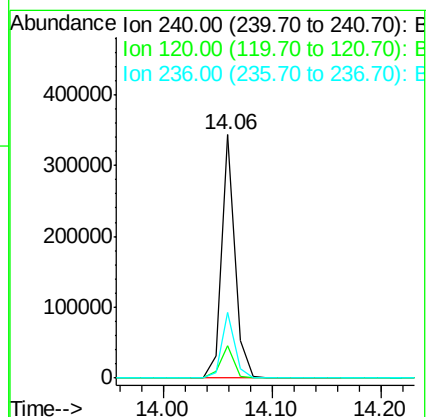
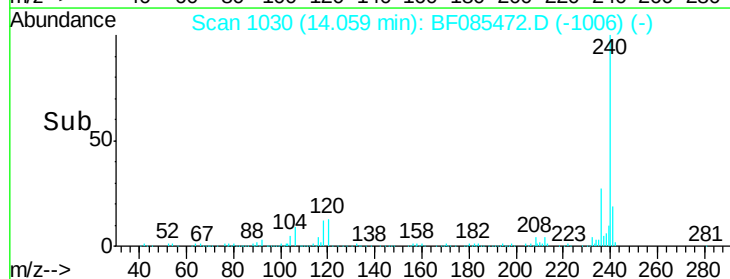
236 26.8 20.7 31.1

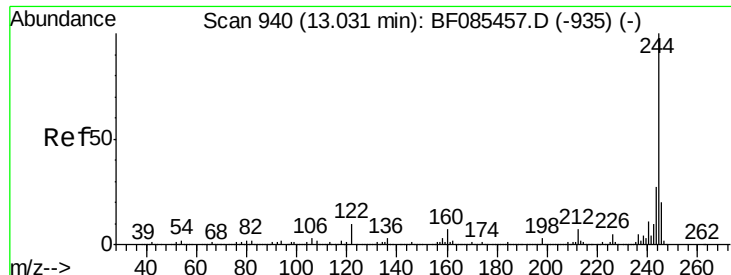


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

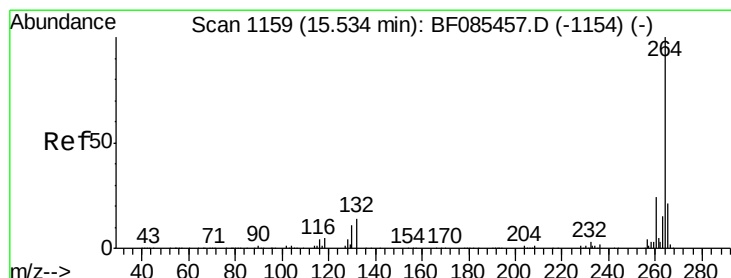
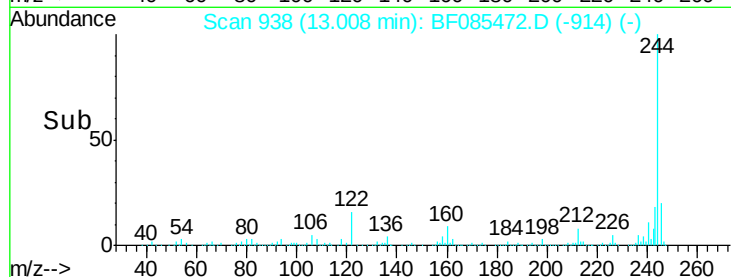
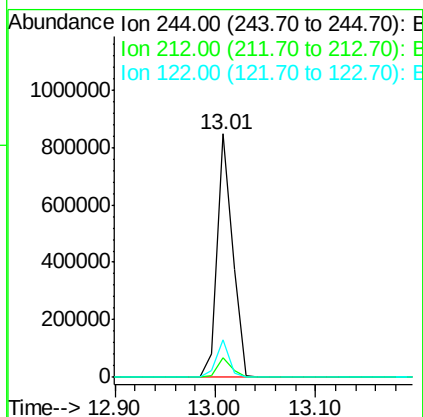
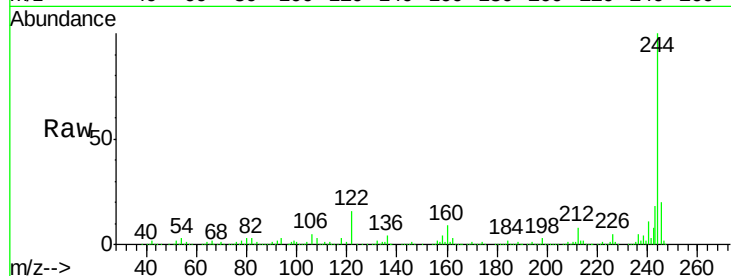




#78
 Terphenyl-d14
 Concen: 68.60 ng
 RT: 13.01 min Scan# 938
 Delta R.T. -0.02 min
 Lab File: BF085472.D
 Acq: 16 Mar 2016 20:07

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)

Tgt Ion:244 Resp: 901805
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.4 9.6
 122 15.6 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1157
 Delta R.T. -0.02 min
 Lab File: BF085472.D
 Acq: 16 Mar 2016 20:07

Tgt Ion:264 Resp: 196576
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.2 28.8
 265 21.8 17.3 25.9

