

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031016\
 Data File : BF085362.D
 Acq On : 11 Mar 2016 5:05
 Operator : UM/SJ
 Sample : H1731-06
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 11 05:37:45 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 11 02:49:26 2016
 Response via : Initial Calibration

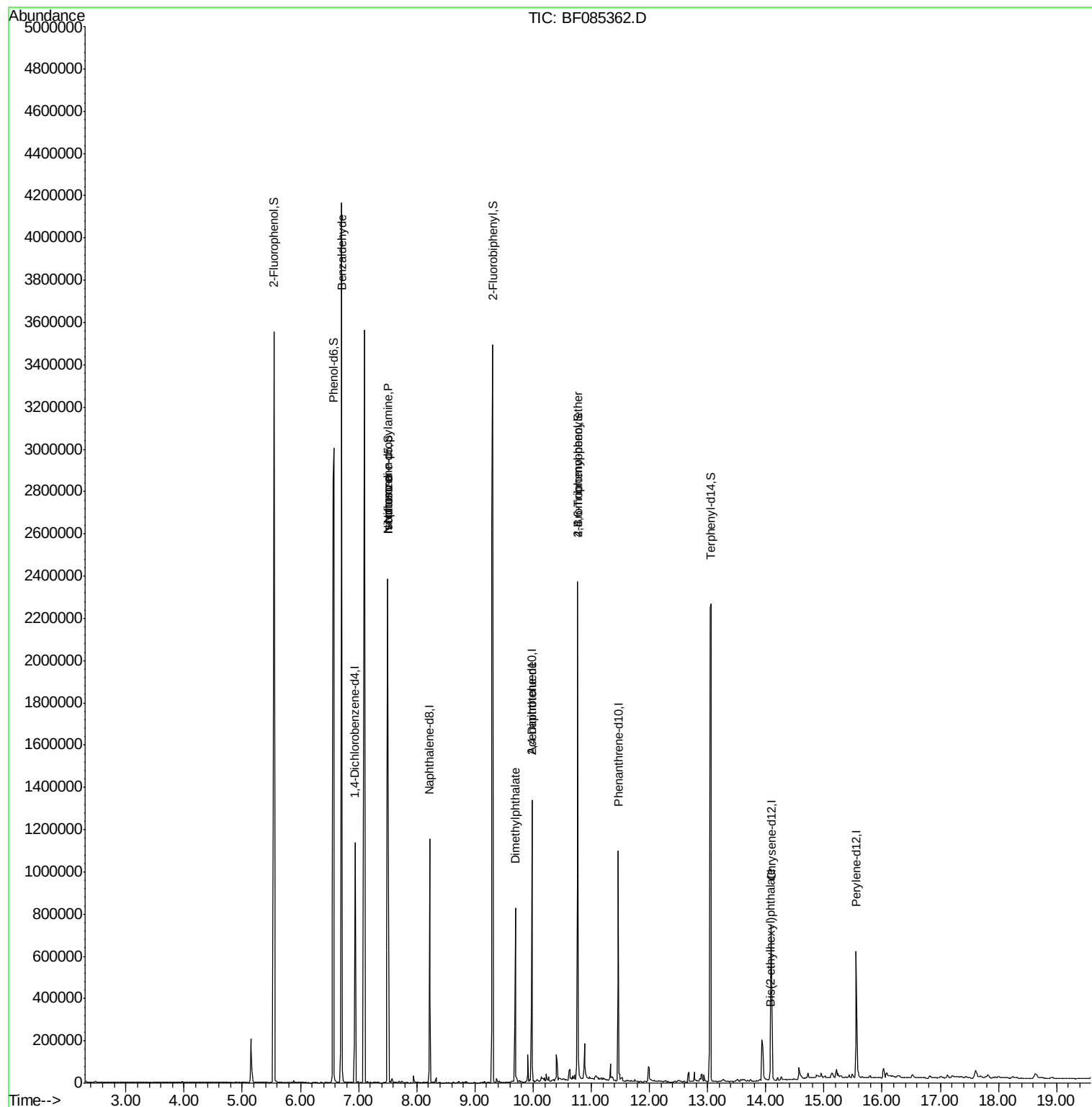
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	158119	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	551623	20.00	ng	-0.01
38) Acenaphthene-d10	9.98	164	256305	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	437419	20.00	ng	0.00
75) Chrysene-d12	14.09	240	268720	20.00	ng	-0.01
86) Perylene-d12	15.56	264	268741	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1218484	129.26	ng	0.00
7) Phenol-d6	6.57	99	1794452	145.30	ng	0.00
23) Nitrobenzene-d5	7.50	82	968385	93.94	ng	-0.01
41) 2,4,6-Tribromophenol	10.77	330	286200	130.50	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1498609	88.92	ng	0.00
78) Terphenyl-d14	13.05	244	1048602	90.59	ng	0.00
Target Compounds						
9) Benzaldehyde	6.71	77	32512	2.71	ng	Qvalue 85
19) n-Nitroso-di-n-propylamine	7.50	70	127561	15.85	ng	# 79
25) Isophorone	7.50	82	966072	50.57	ng	# 67
49) Dimethylphthalate	9.69	163	349236	17.75	ng	99
56) 2,4-Dinitrotoluene	9.98	165	31784	5.90	ng	# 22
66) 4-Bromophenyl-phenylether	10.77	248	20713	4.88	ng	# 1
83) Bis(2-ethylhexyl)phthalate	14.08	149	26302	2.18	ng	# 99

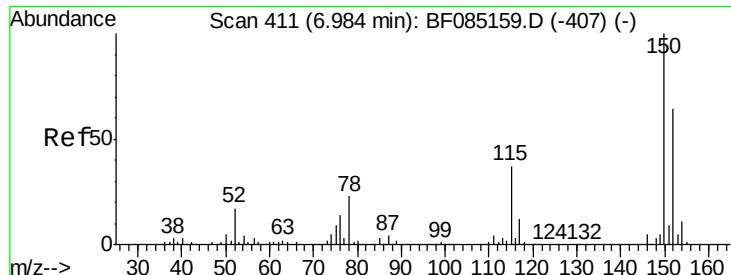
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031016\
Data File : BF085362.D
Acq On : 11 Mar 2016 5:05
Operator : UM/SJ
Sample : H1731-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 11 05:37:45 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 11 02:49:26 2016
Response via : Initial Calibration



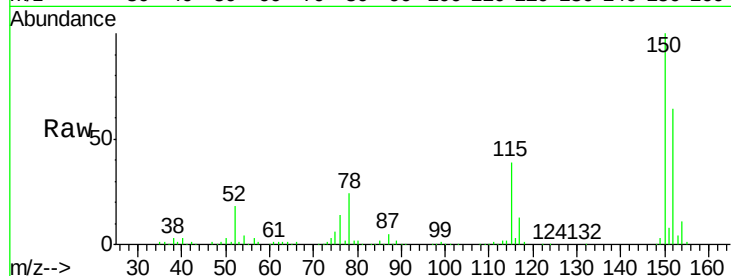


#1

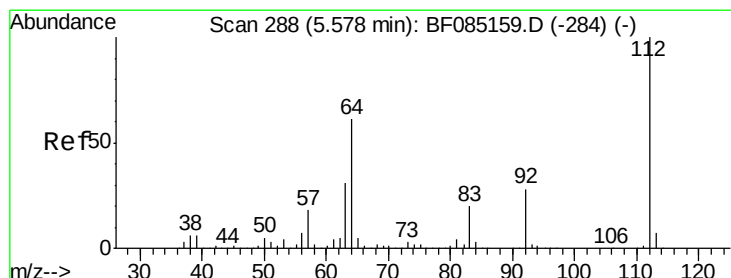
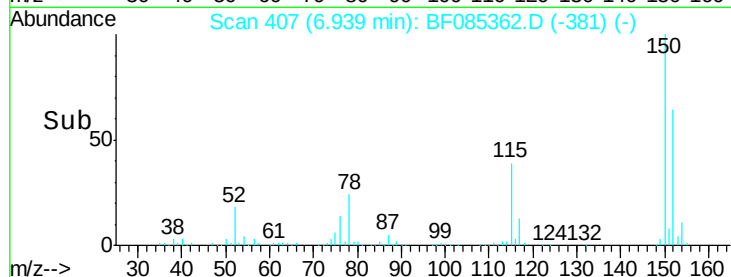
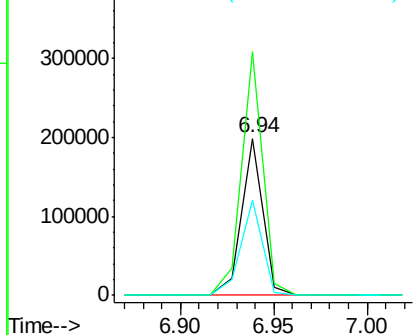
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 407
Delta R.T. 0.00 min
Lab File: BF085362.D
Acq: 11 Mar 2016 5:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 158119
Ion Ratio Lower Upper
152 100
150 155.5 124.6 186.8
115 60.5 46.6 70.0



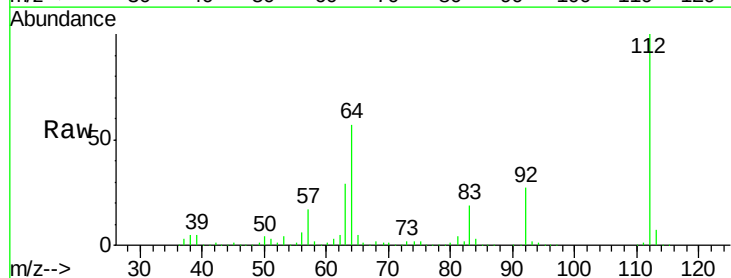
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



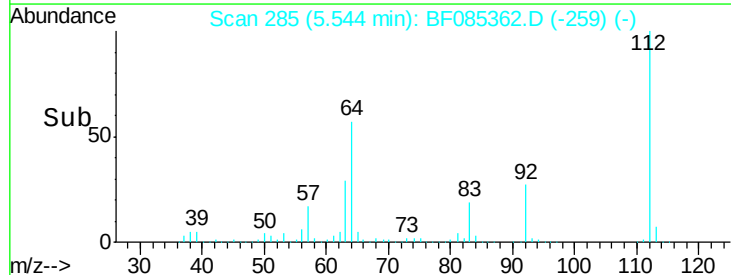
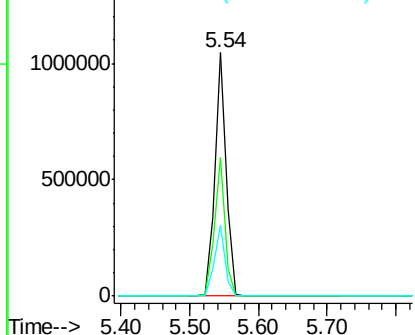
#5

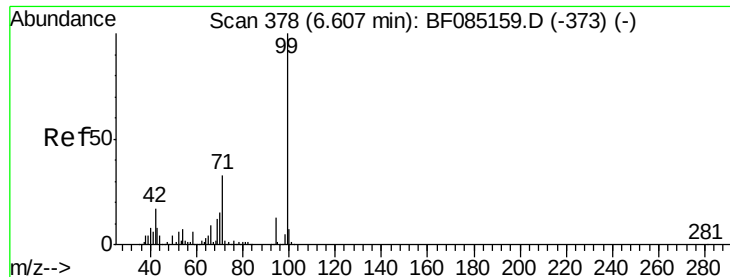
2-Fluorophenol
Concen: 129.26 ng
RT: 5.54 min Scan# 285
Delta R.T. 0.00 min
Lab File: BF085362.D
Acq: 11 Mar 2016 5:05

Tgt Ion:112 Resp: 1218484
Ion Ratio Lower Upper
112 100
64 57.1 49.0 73.4
63 29.2 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: 145.30 ng

RT: 6.57 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF085362.D

Acq: 11 Mar 2016 5:05

Instrument :

BNA_F

ClientSampleId :

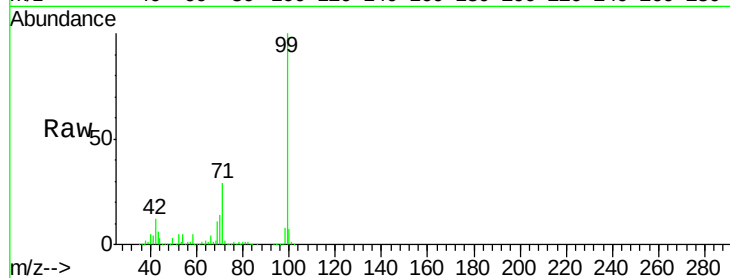
Tot Ion: 99 Resp: 1794452

Ion Ratio Lower Upper

99 100

42 12.1 13.6 20.4#

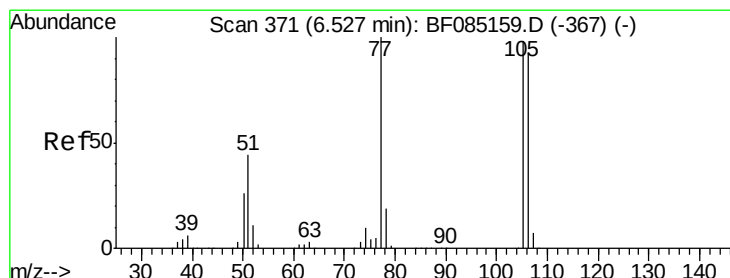
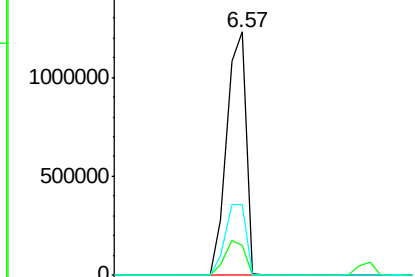
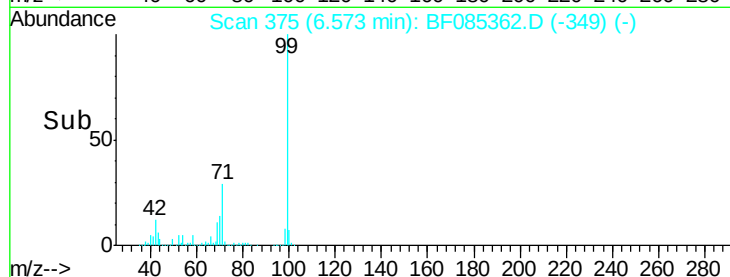
71 28.9 26.7 40.1



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: 2.71 ng

RT: 6.71 min Scan# 387

Delta R.T. 0.22 min

Lab File: BF085362.D

Acq: 11 Mar 2016 5:05

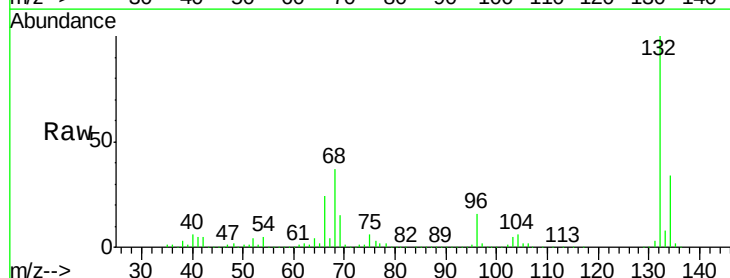
Tgt Ion: 77 Resp: 32512

Ion Ratio Lower Upper

77 100

105 82.9 78.2 118.2

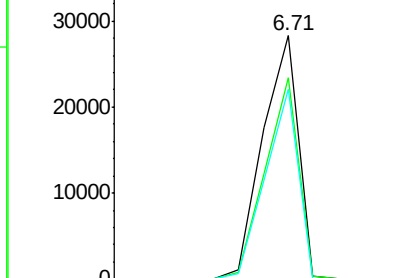
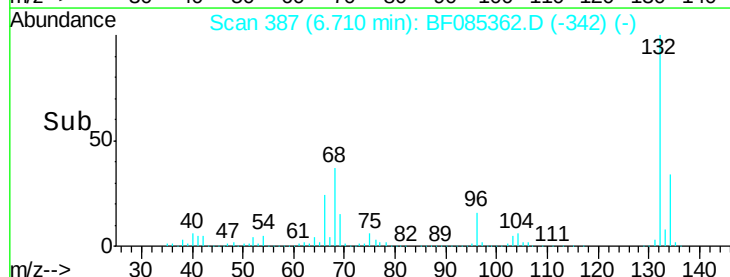
106 78.1 72.9 112.9

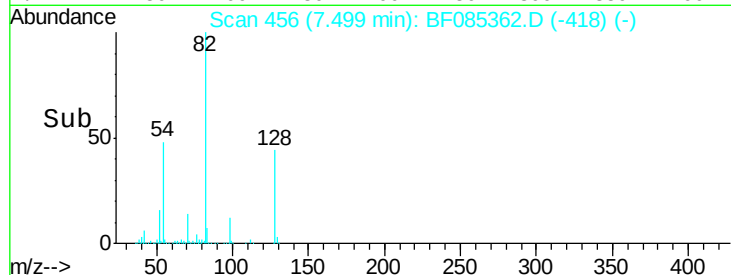
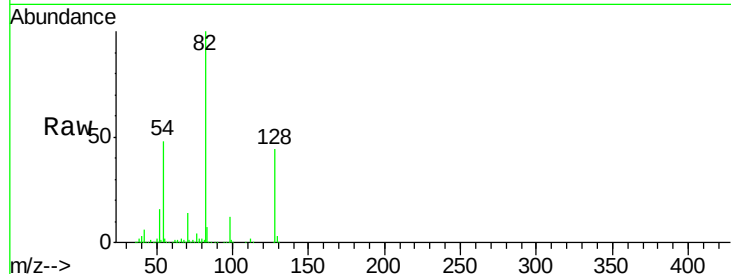
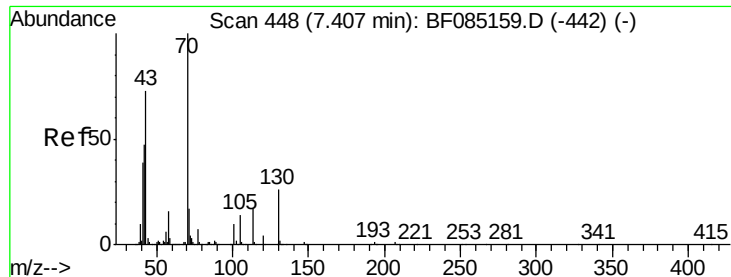


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

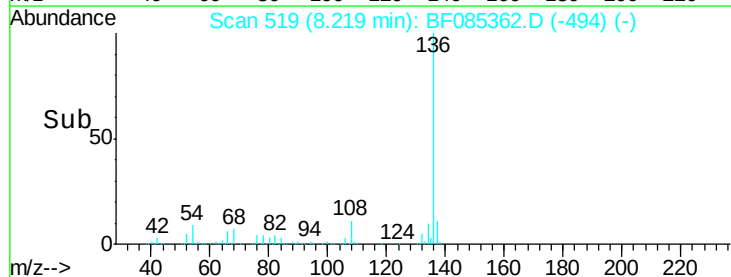
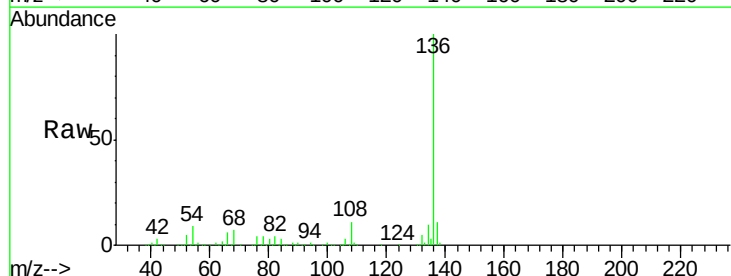
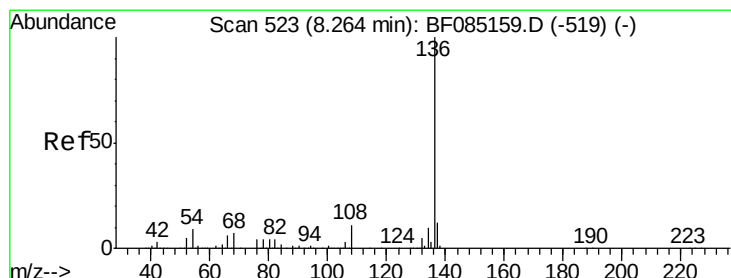
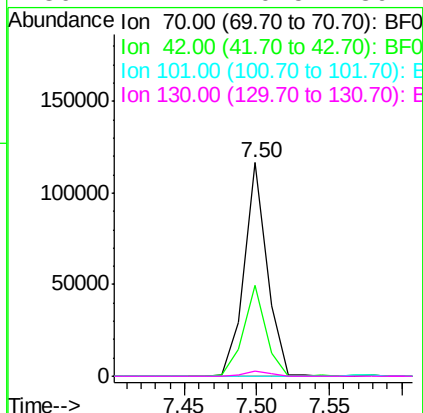




#19
n-Nitroso-di-n-propylamine
Concen: 15.85 ng
RT: 7.50 min Scan# 456
Delta R.T. 0.14 min
Lab File: BF085362.D
Acq: 11 Mar 2016 5:05

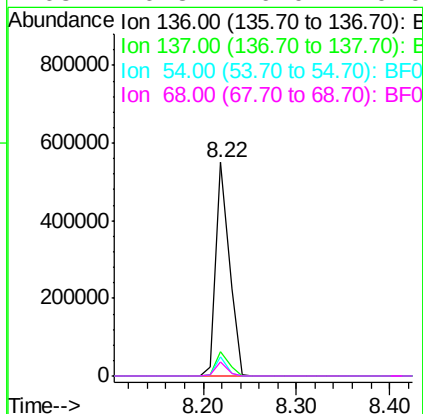
Instrument :
BNA_F
ClientSampleId :

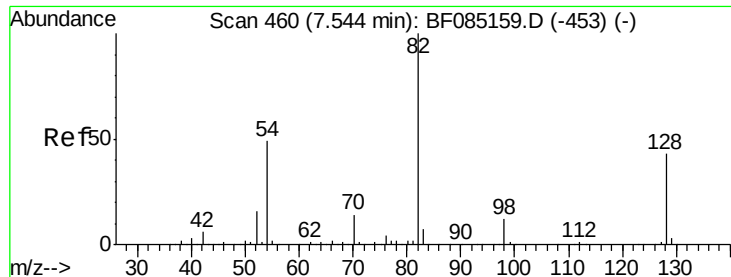
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	42.8	37.7	56.5	
101	0.0	8.2	12.4	
130	2.2	20.5	30.7	



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF085362.D
Acq: 11 Mar 2016 5:05

Tgt Ion	Ion	Ratio	Lower	Upper
136	100			
137	11.4	9.3	13.9	
54	8.9	7.4	11.2	
68	6.8	6.0	9.0	

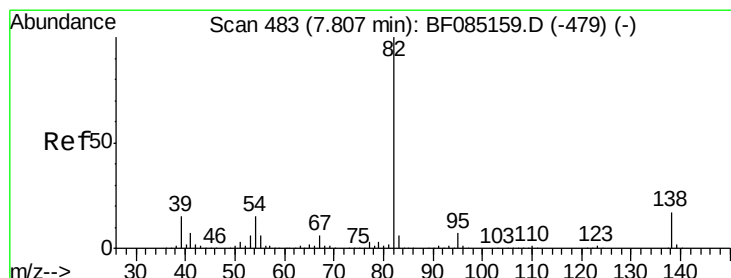
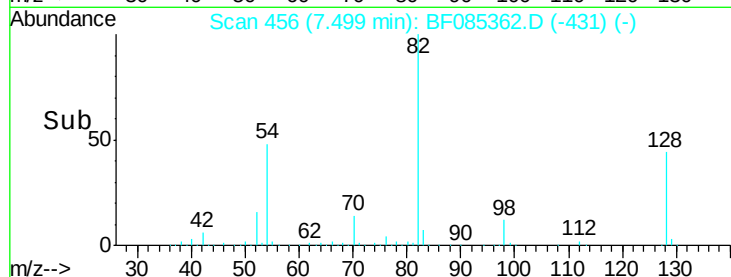
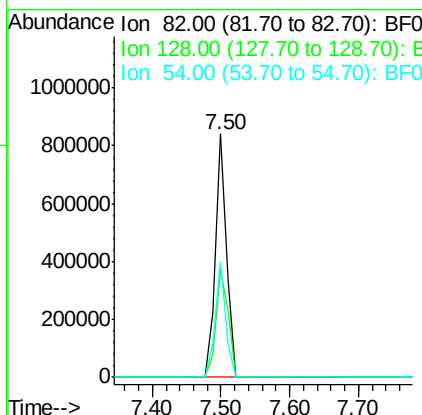
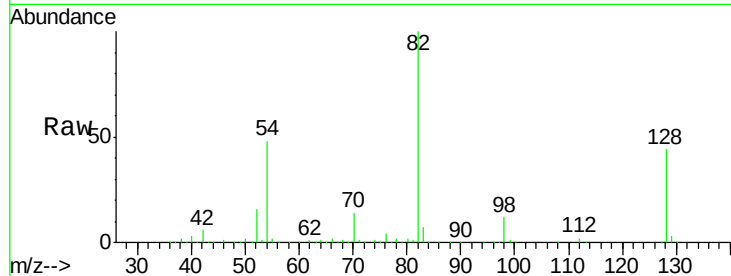




#23
 Nitrobenzene-d5
 Concen: 93.94 ng
 RT: 7.50 min Scan# 456
 Delta R.T. -0.01 min
 Lab File: BF085362.D
 Acq: 11 Mar 2016 5:05

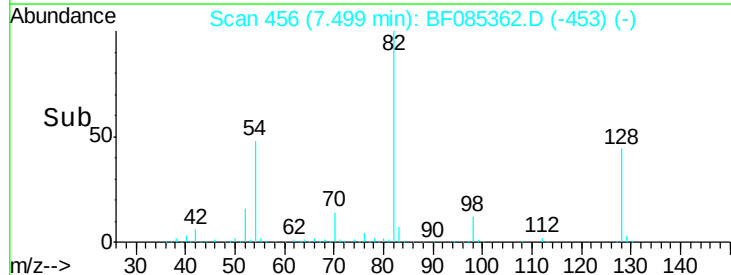
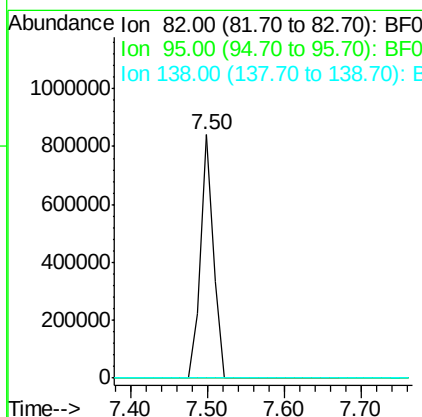
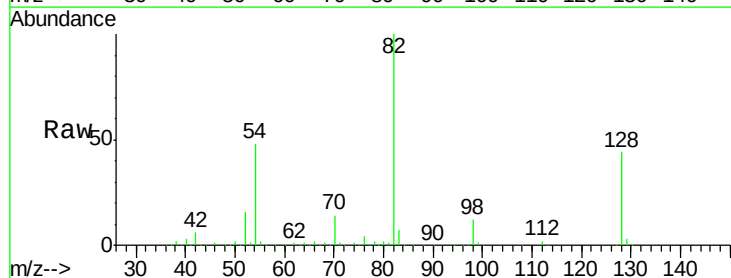
Instrument :
 BNA_F
 ClientSampleId :

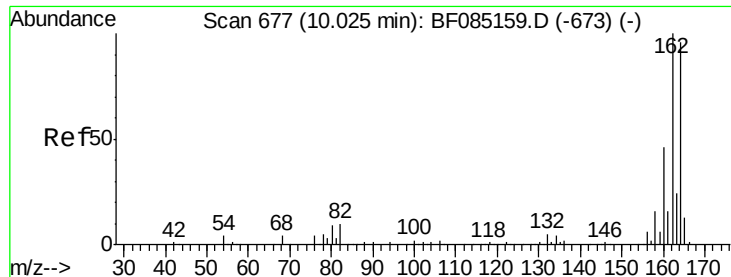
Tot Ion	82	Resp	968385
Ion Ratio	Lower	Upper	
82	100		
128	43.8	34.5	51.7
54	47.5	39.3	58.9



#25
 Isophorone
 Concen: 50.57 ng
 RT: 7.50 min Scan# 456
 Delta R.T. -0.26 min
 Lab File: BF085362.D
 Acq: 11 Mar 2016 5:05

Tgt Ion	82	Resp	966072
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.4	8.2#
138	0.0	13.3	19.9#

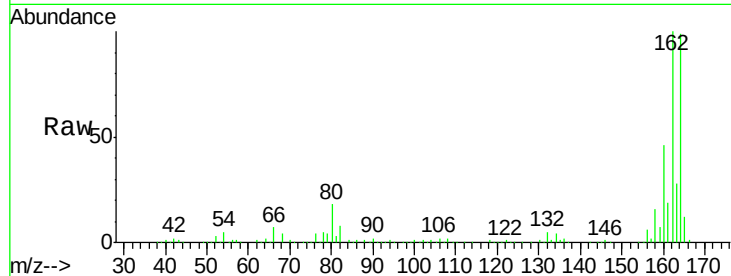




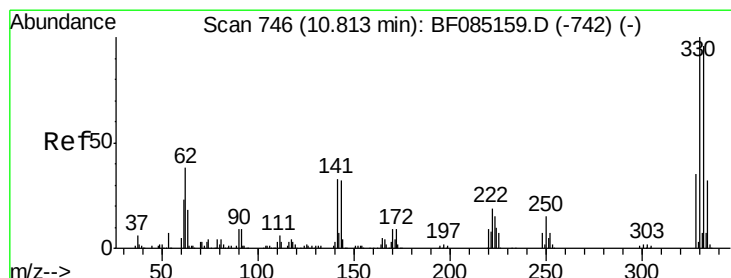
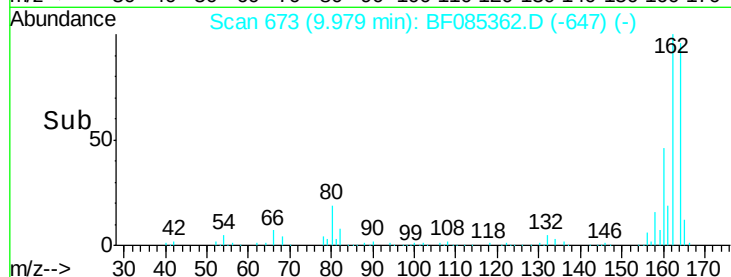
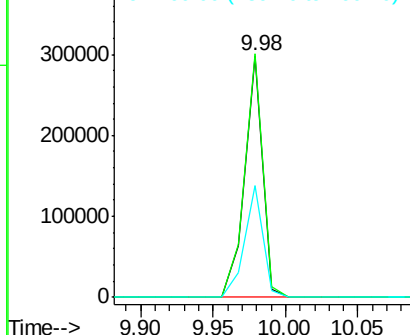
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.98 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF085362.D
Acq: 11 Mar 2016 5:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 256305
Ion Ratio Lower Upper
164 100
162 100.8 83.3 124.9
160 46.4 37.9 56.9

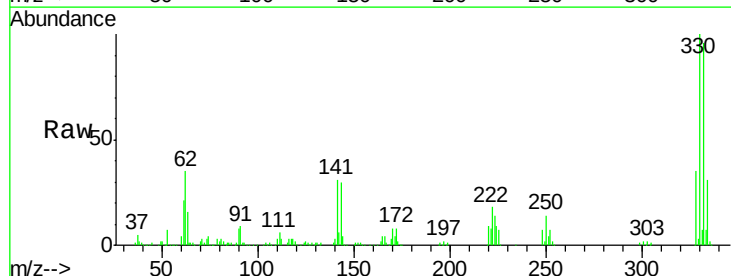


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

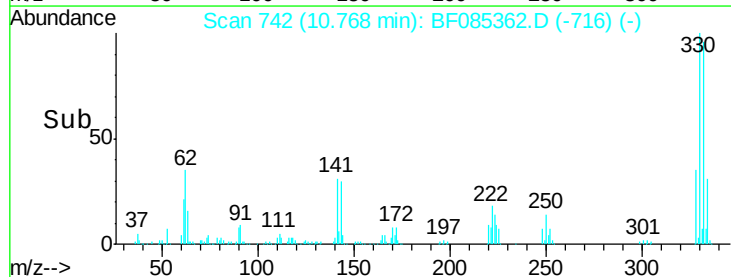
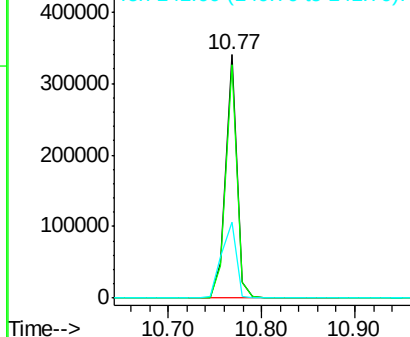


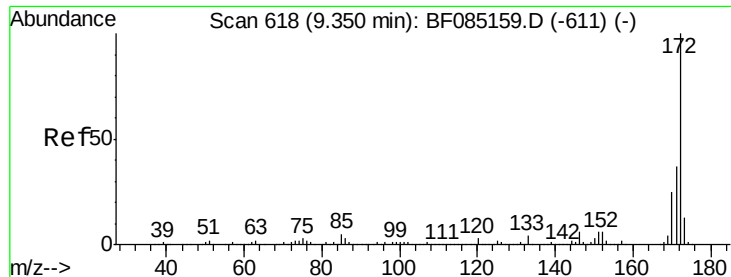
#41
2,4,6-Tribromophenol
Concen: 130.50 ng
RT: 10.77 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF085362.D
Acq: 11 Mar 2016 5:05

Tgt Ion:330 Resp: 286200
Ion Ratio Lower Upper
330 100
332 95.8 77.1 115.7
141 41.1 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

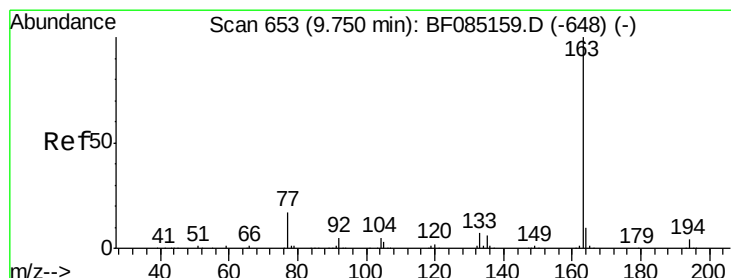
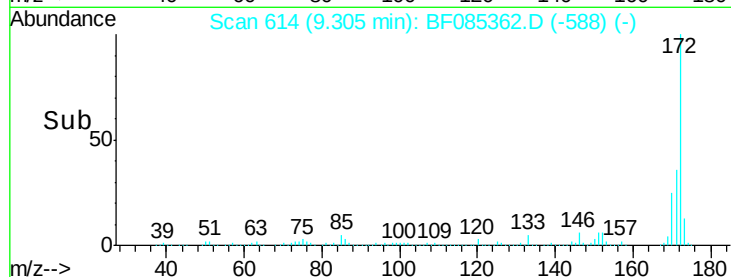
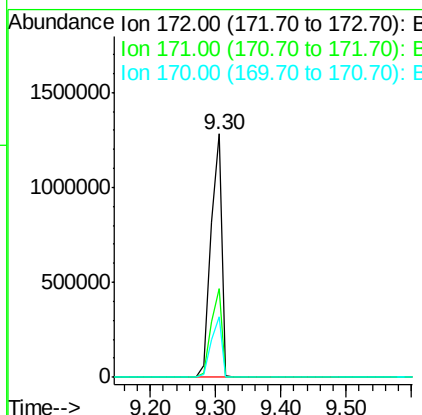
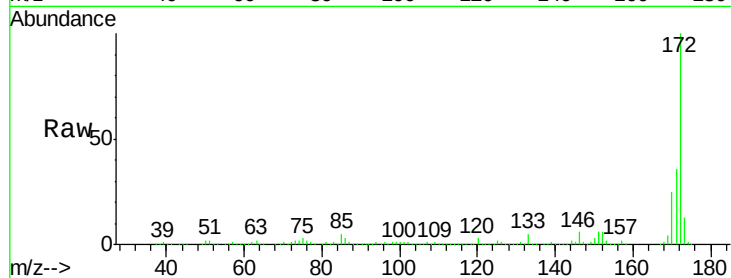




#44
2-Fluorobiphenyl
Concen: 88.92 ng
RT: 9.30 min Scan# 614
Delta R.T. 0.00 min
Lab File: BF085362.D
Acq: 11 Mar 2016 5:05

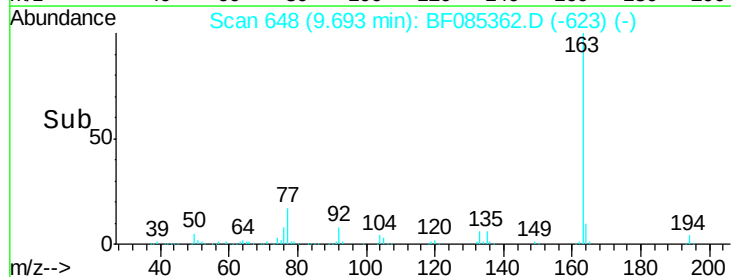
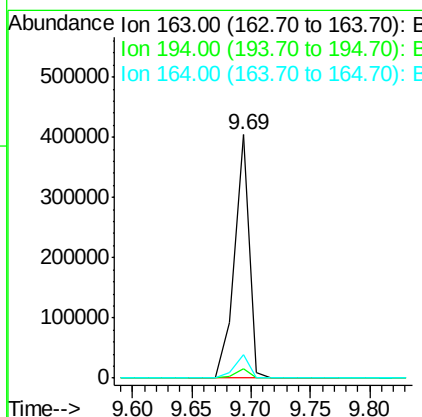
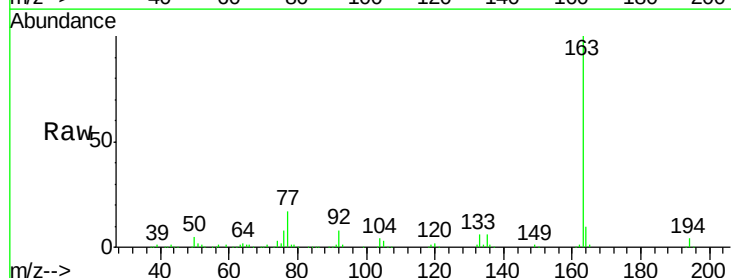
Instrument :
BNA_F
ClientSampleId :

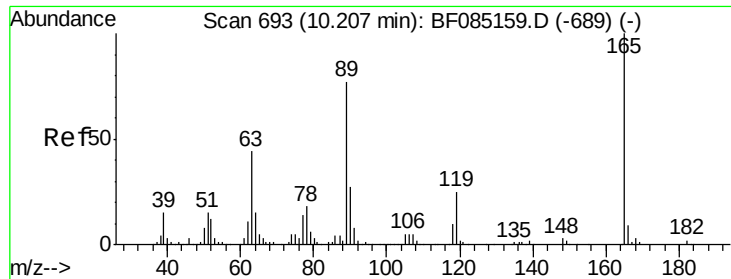
Tot Ion:172 Resp: 1498609
Ion Ratio Lower Upper
172 100
171 36.4 29.3 43.9
170 24.7 20.0 30.0



#49
Dimethylphthalate
Concen: 17.75 ng
RT: 9.69 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF085362.D
Acq: 11 Mar 2016 5:05

Tgt Ion:163 Resp: 349236
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 9.9 8.2 12.4





#56

2,4-Dinitrotoluene

Concen: 5.90 ng

RT: 9.98 min Scan# 673

Delta R.T. -0.18 min

Lab File: BF085362.D

Acq: 11 Mar 2016 5:05

Instrument :

BNA_F

ClientSampled :

Tot Ion:165 Resp: 31784

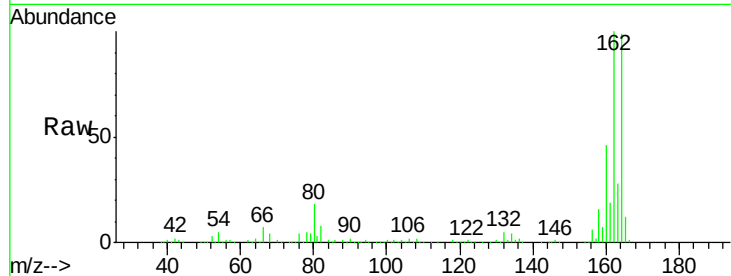
Ion Ratio Lower Upper

165 100

63 1.3 35.4 53.0#

89 1.6 61.9 92.9#

182 0.0 1.9 2.9#

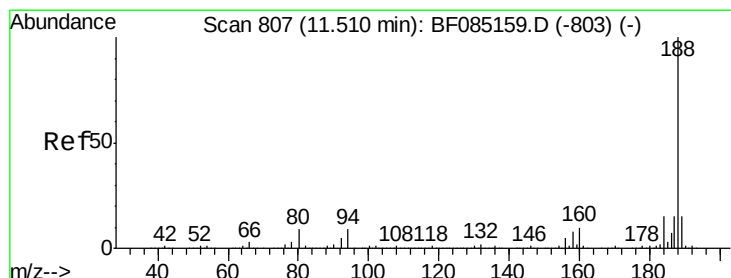
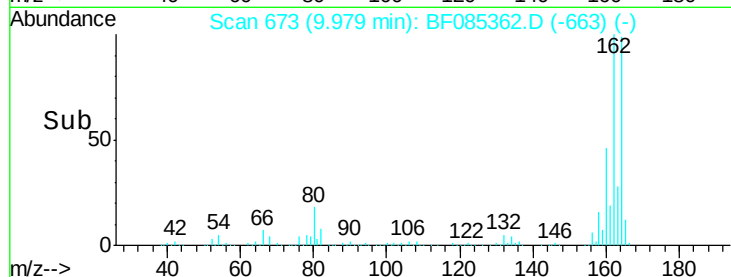
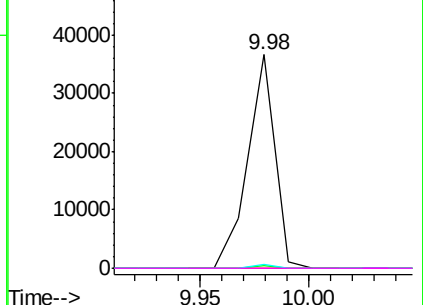


Abundance Ion 165.00 (164.70 to 165.70): E

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. 0.00 min

Lab File: BF085362.D

Acq: 11 Mar 2016 5:05

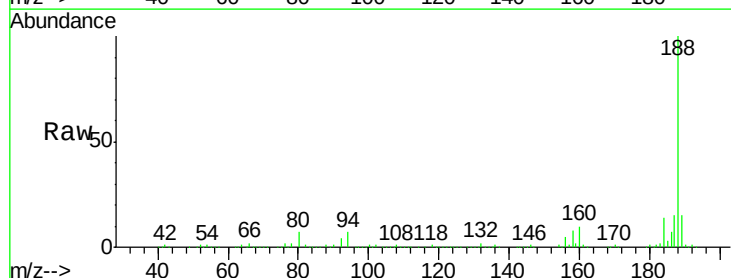
Tgt Ion:188 Resp: 437419

Ion Ratio Lower Upper

188 100

94 7.1 7.0 10.6

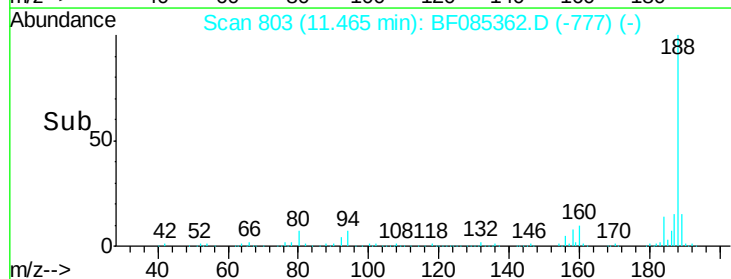
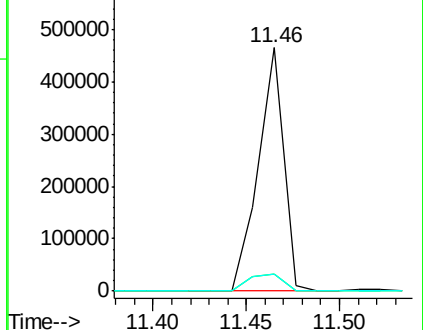
80 7.0 7.4 11.0#

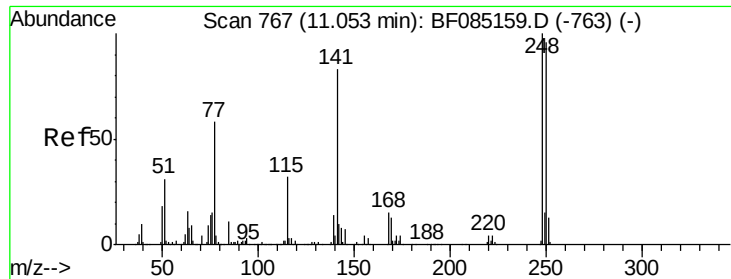


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 4.88 ng

RT: 10.77 min Scan# 742

Delta R.T. -0.24 min

Lab File: BF085362.D

Acq: 11 Mar 2016 5:05

Instrument :

BNA_F

ClientSampled :

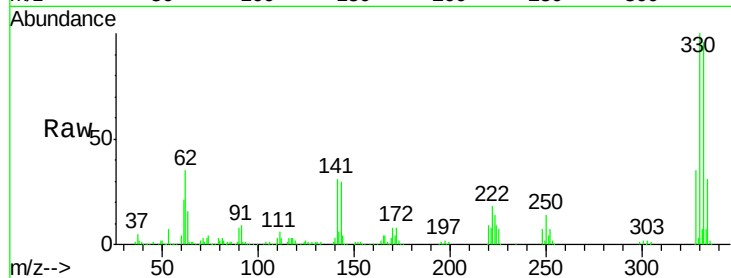
Tot Ion:248 Resp: 20713

Ion Ratio Lower Upper

248 100

250 196.3 77.1 115.7#

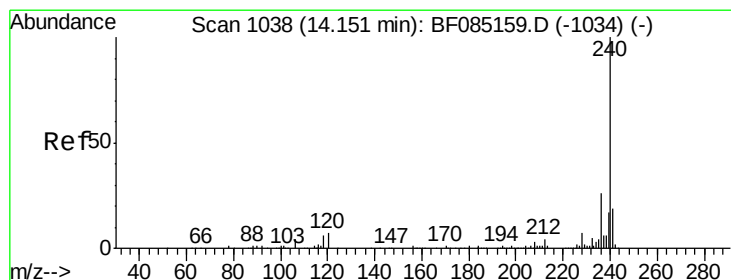
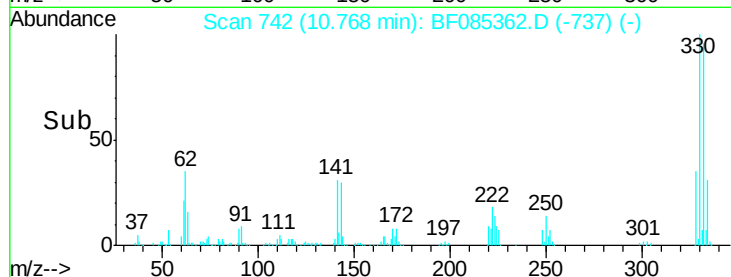
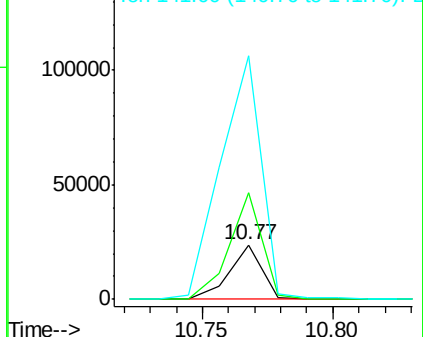
141 449.4 66.2 99.2#



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: 14.09 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF085362.D

Acq: 11 Mar 2016 5:05

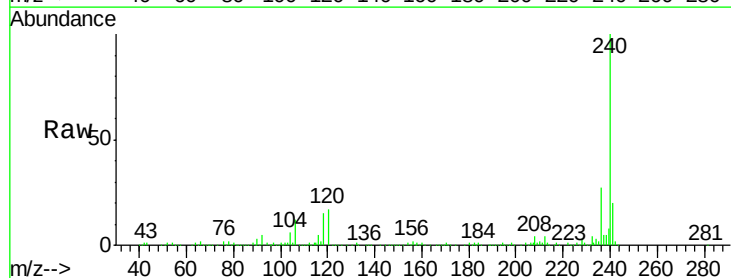
Tgt Ion:240 Resp: 268720

Ion Ratio Lower Upper

240 100

120 17.2 5.3 7.9#

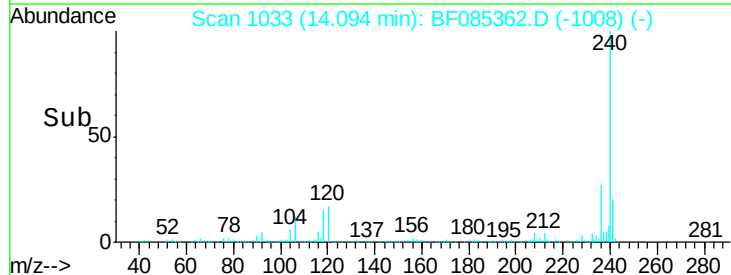
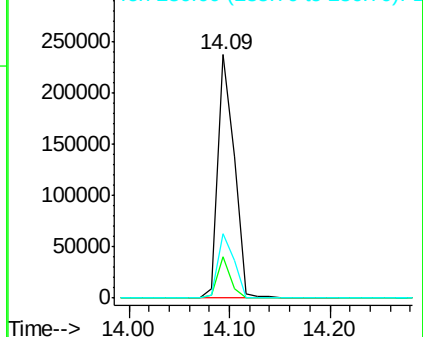
236 26.6 20.7 31.1

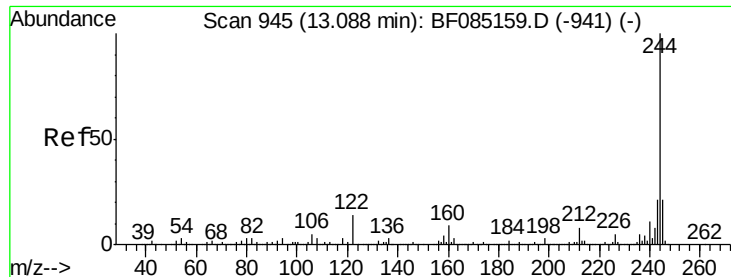


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 90.59 ng

RT: 13.05 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF085362.D

Acq: 11 Mar 2016 5:05

Instrument :

BNA_F

ClientSampleId :

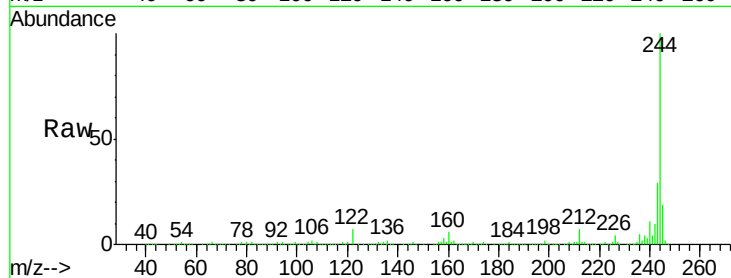
Tot Ion:244 Resp: 1048602

Ion Ratio Lower Upper

244 100

212 6.7 6.4 9.6

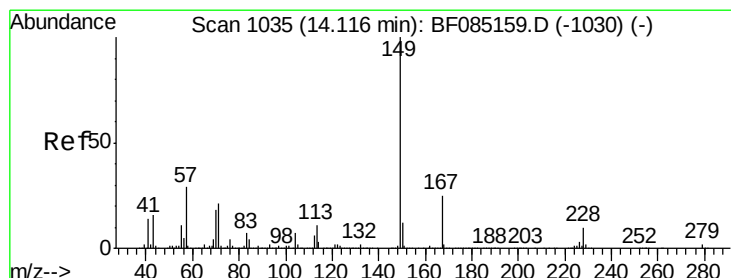
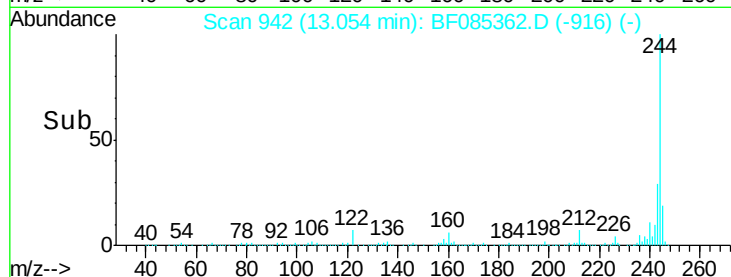
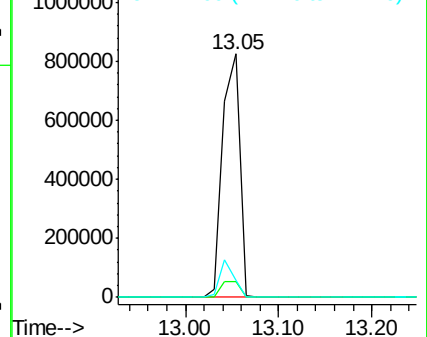
122 7.1 11.4 17.2#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.18 ng

RT: 14.08 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF085362.D

Acq: 11 Mar 2016 5:05

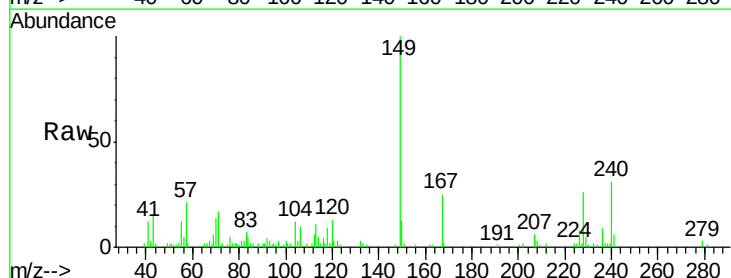
Tgt Ion:149 Resp: 26302

Ion Ratio Lower Upper

149 100

167 25.2 20.3 30.5

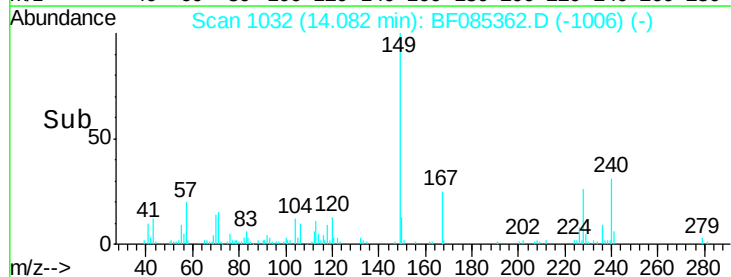
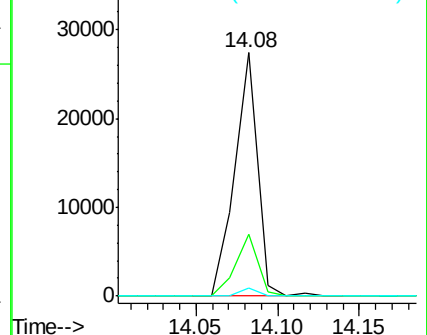
279 3.5 1.9 2.9#

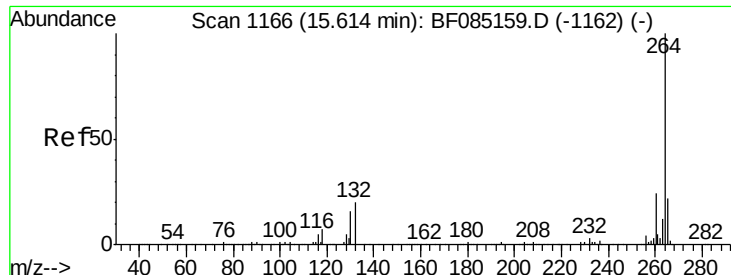


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

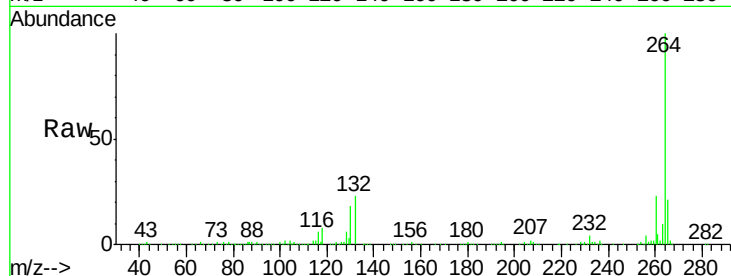




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.56 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BF085362.D
Acq: 11 Mar 2016 5:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 268741
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 20.9 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

