

Data Path : Z:\HPCHEM1\BNA F\Data\BF040216\
 Data File : BF085975.D
 Acq On : 1 Apr 2016 21:45
 Operator : UM/SJ
 Sample : PB89340BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89340BL

Quant Time: Apr 01 23:29:22 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

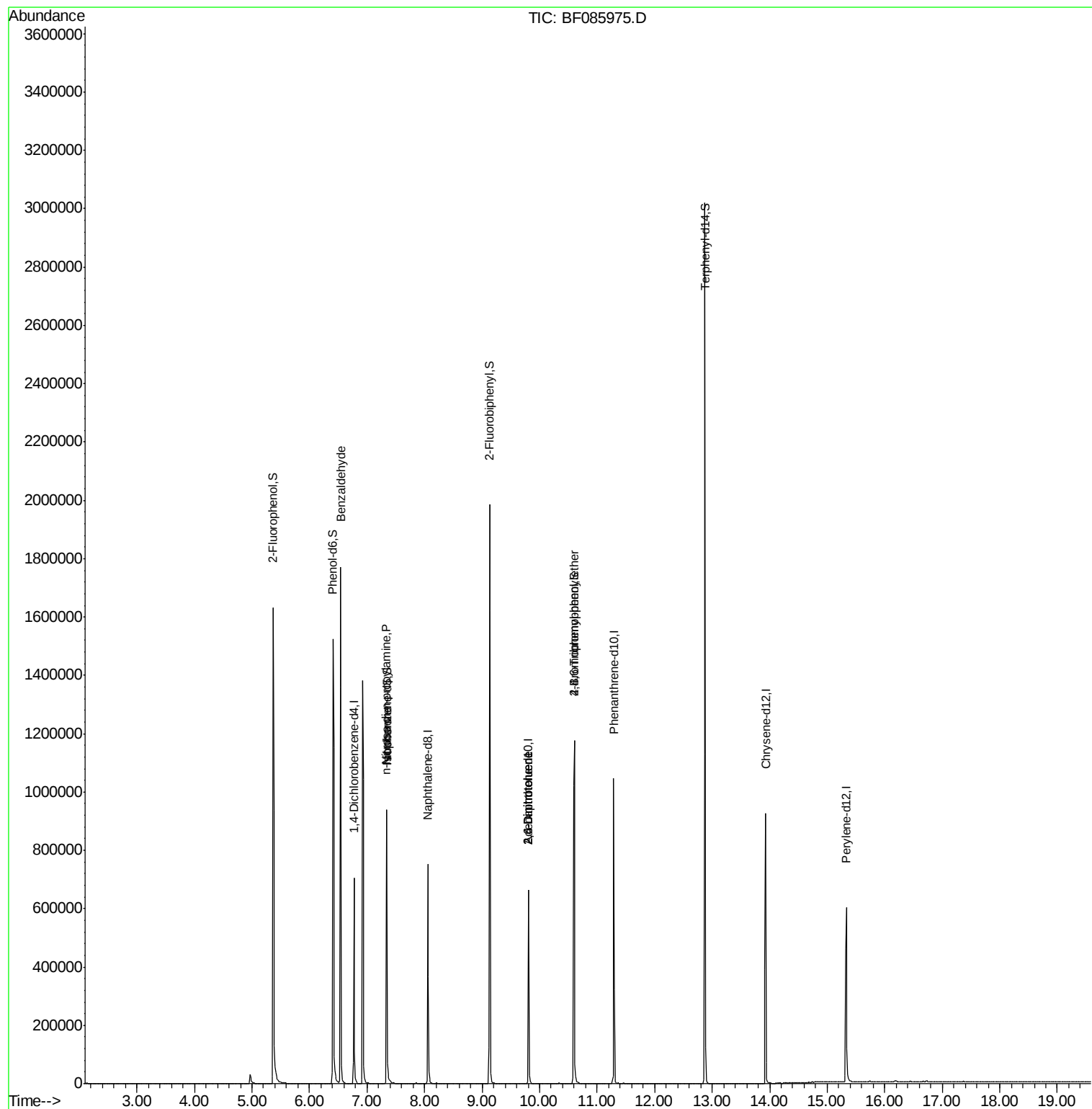
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	108944	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	417793	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	188462	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	386882	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	355805	20.00	ng	0.00
86) Perylene-d12	15.33	264	308599	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	634983	99.63	ng	0.00
7) Phenol-d6	6.41	99	812123	100.32	ng	-0.01
23) Nitrobenzene-d5	7.34	82	499918	70.56	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	220420	124.61	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	907100	80.03	ng	-0.01
78) Terphenyl-d14	12.88	244	975896	64.47	ng	0.00
Target Compounds						
9) Benzaldehyde	6.54	77	14605	3.35	ng	Qvalue 91
19) n-Nitroso-di-n-propylamine	7.33	70	62549	12.47	ng	# 81
25) Isophorone	7.34	82	498915	35.68	ng	# 68
50) 2,6-Dinitrotoluene	9.80	165	24216	8.19	ng	# 19
56) 2,4-Dinitrotoluene	9.80	165	24217	6.48	ng	# 37
66) 4-Bromophenyl-phenylether	10.60	248	13700	3.47	ng	# 1

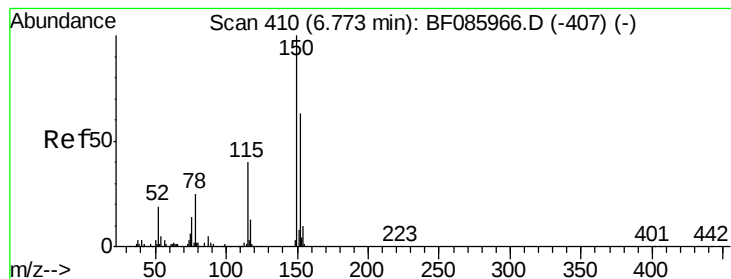
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF085975.D

Acq: 1 Apr 2016 21:45

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BNA_F

ClientSampleId :

PB89340BL

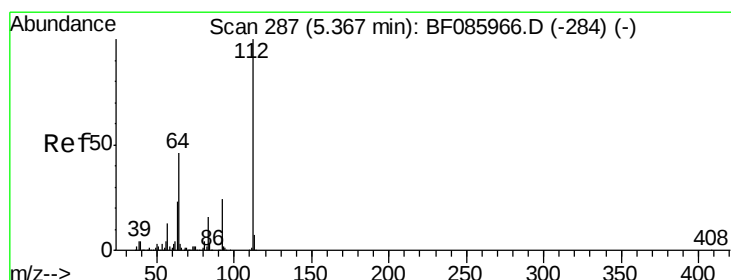
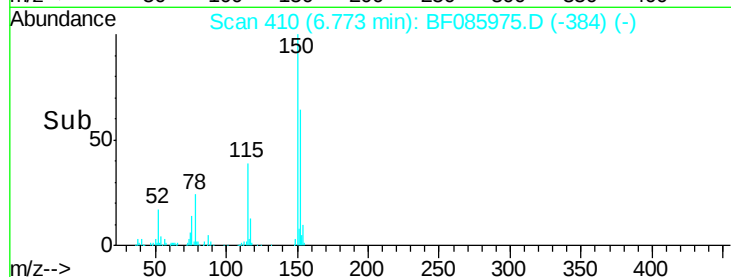
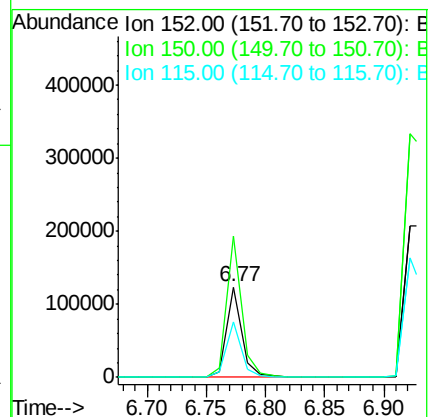
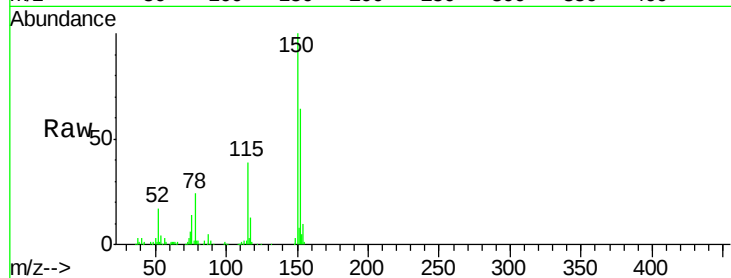
Tot Ion:152 Resp: 108944

Ion Ratio Lower Upper

152 100

150 156.3 124.2 186.2

115 61.5 47.0 70.6



#5

2-Fluorophenol

Concen: 99.63 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF085975.D

Acq: 1 Apr 2016 21:45

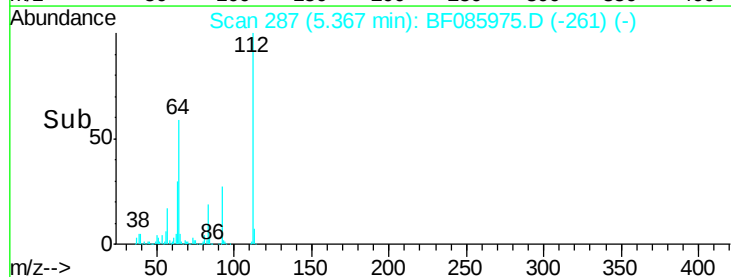
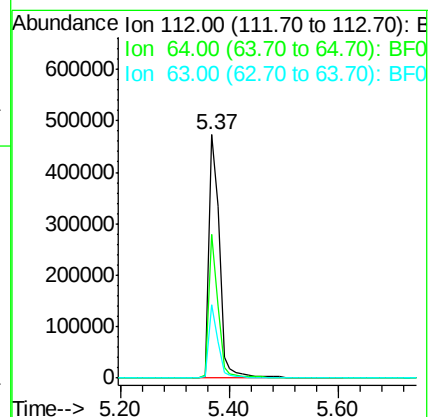
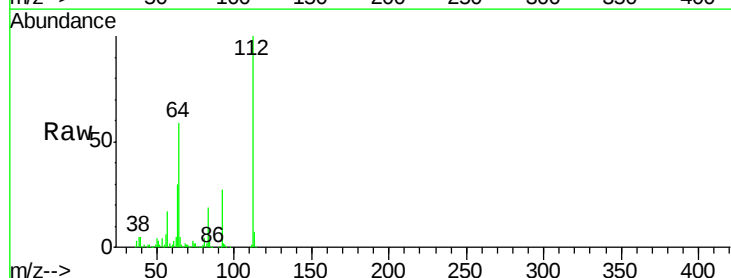
Tgt Ion:112 Resp: 634983

Ion Ratio Lower Upper

112 100

64 59.1 39.9 59.9

63 30.3 20.2 30.2#





#7

Phenol-d6

Concen: 100.32 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF085975.D

Acq: 1 Apr 2016 21:45

Instrument :

BNA_F

ClientSampleId :

PB89340BL

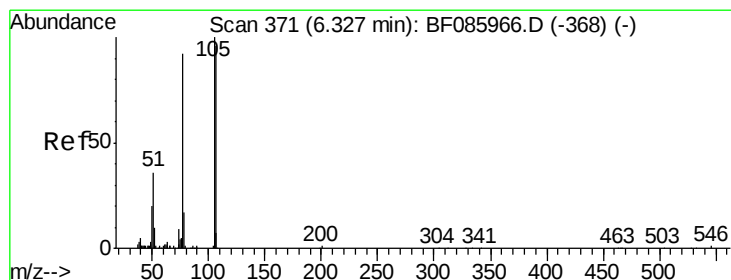
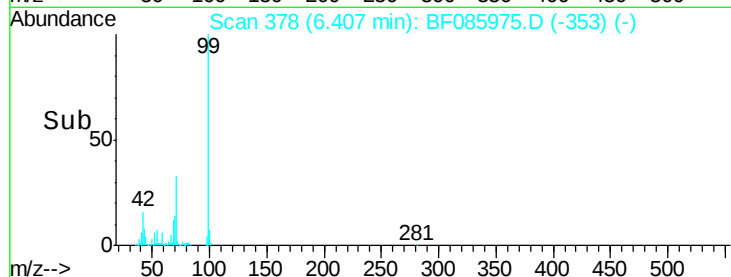
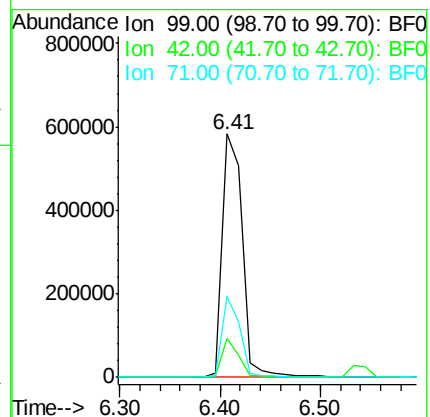
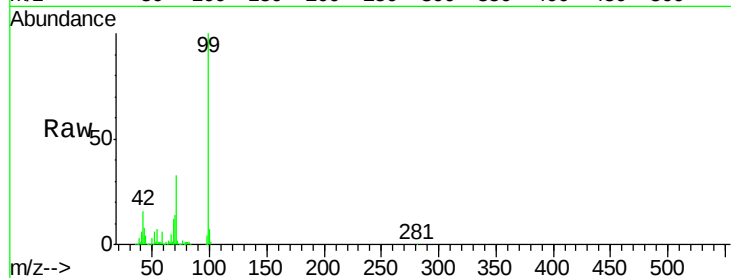
Tot Ion: 99 Resp: 812123

Ion Ratio Lower Upper

99 100

42 16.1 11.1 16.7

71 33.1 24.9 37.3



#9

Benzaldehyde

Concen: 3.35 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.22 min

Lab File: BF085975.D

Acq: 1 Apr 2016 21:45

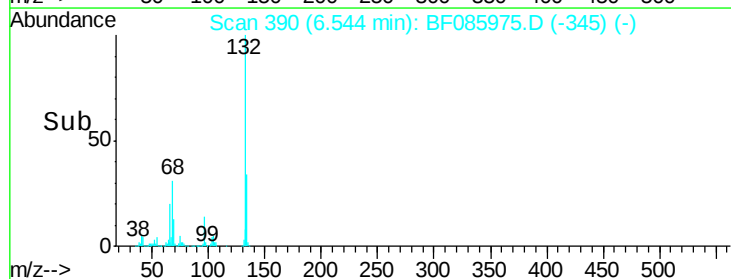
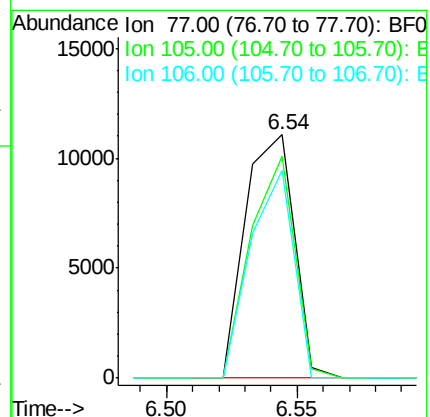
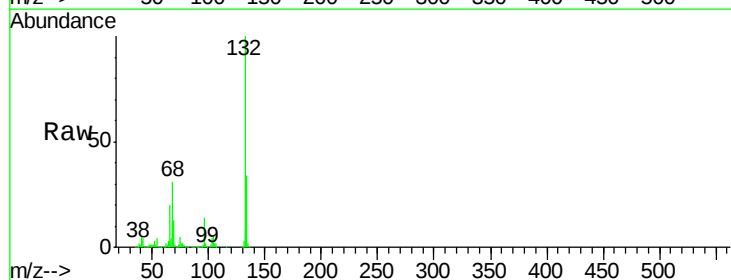
Tgt Ion: 77 Resp: 14605

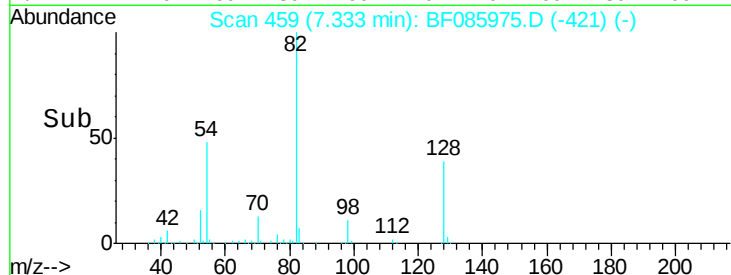
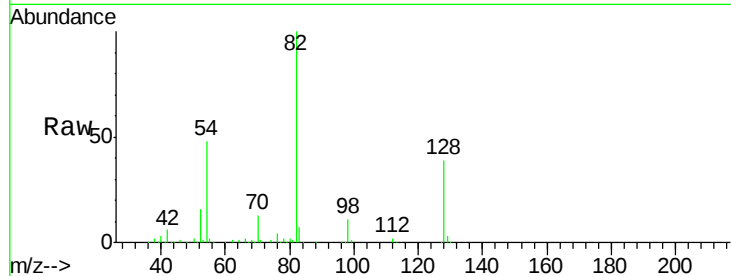
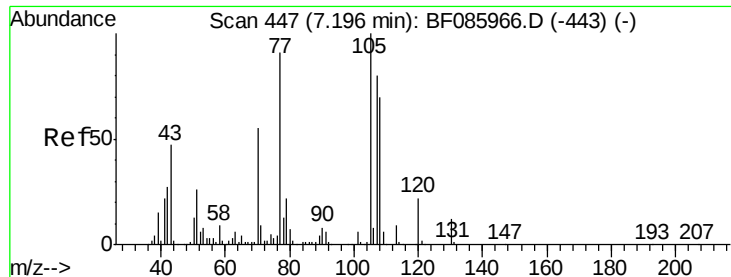
Ion Ratio Lower Upper

77 100

105 91.3 80.1 120.1

106 85.5 75.0 115.0

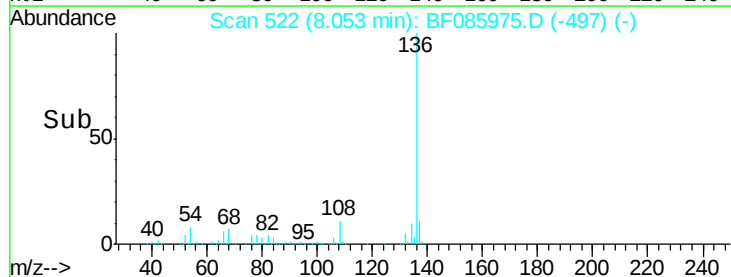
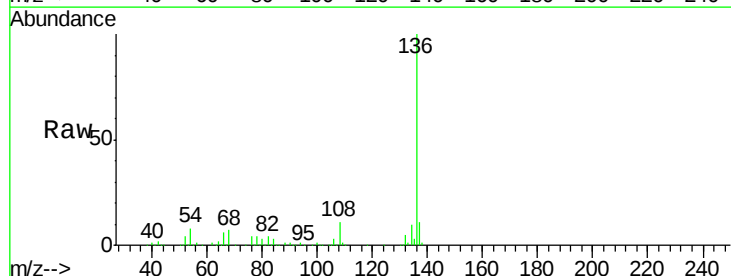
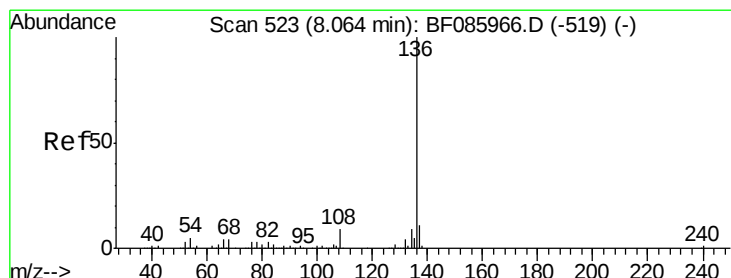
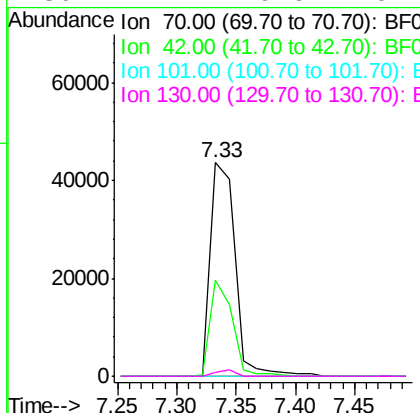




#19
n-Nitroso-di-n-propylamine
Concen: 12.47 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.14 min
Lab File: BF085975.D
Acq: 1 Apr 2016 21:45

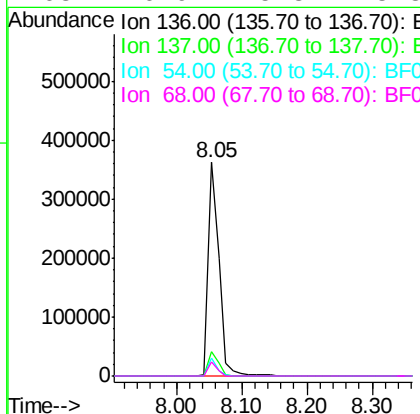
Instrument :
BNA_F
ClientSampleId :
PB89340BL

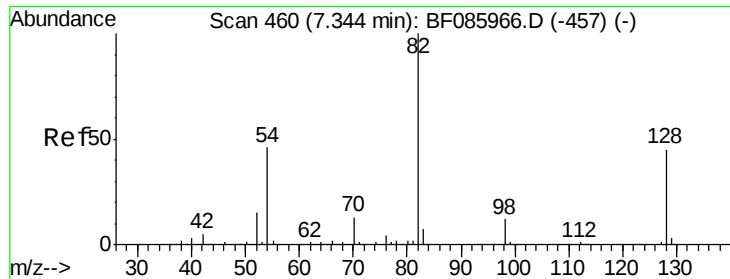
Tot Ion: 70 Resp: 62549
Ion Ratio Lower Upper
70 100
42 44.7 37.1 55.7
101 0.0 8.6 12.8#
130 2.1 19.6 29.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF085975.D
Acq: 1 Apr 2016 21:45

Tgt Ion:136 Resp: 417793
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 8.4 7.4 11.0
68 6.9 5.8 8.8

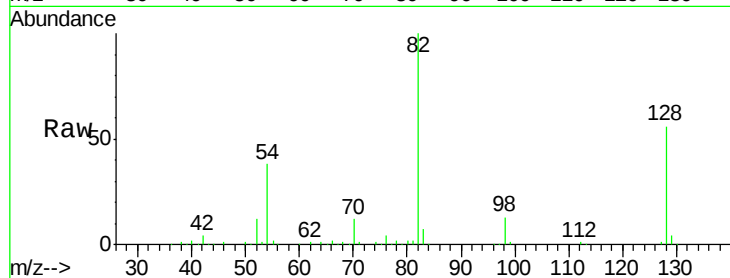




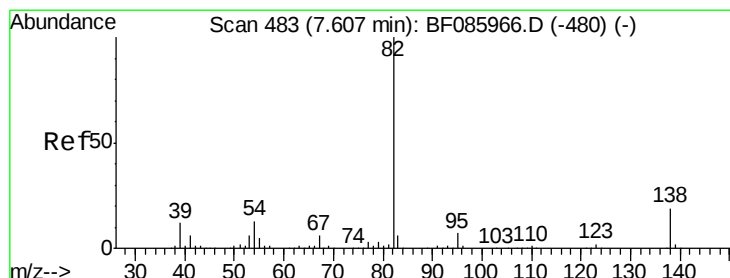
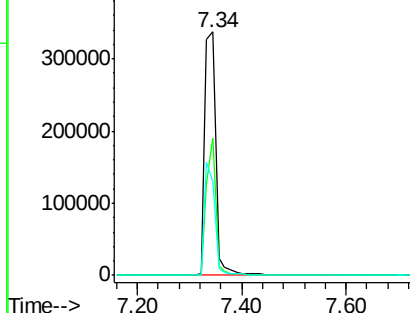
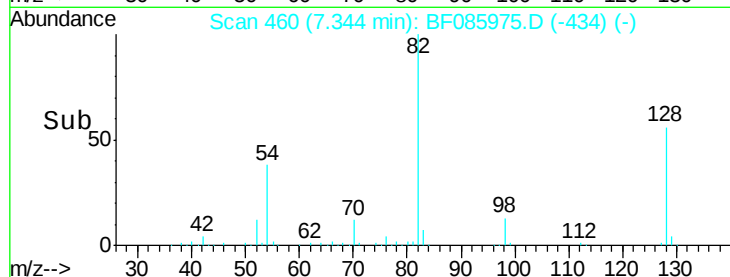
#23
 Nitrobenzene-d5
 Concen: 70.56 ng
 RT: 7.34 min Scan# 460
 Delta R.T. 0.00 min
 Lab File: BF085975.D
 Acq: 1 Apr 2016 21:45

Instrument :
 BNA_F
 ClientSampleId :
 PB89340BL

Tot Ion: 82 Resp: 499918
 Ion Ratio Lower Upper
 82 100
 128 56.2 41.8 62.8
 54 38.4 33.4 50.0

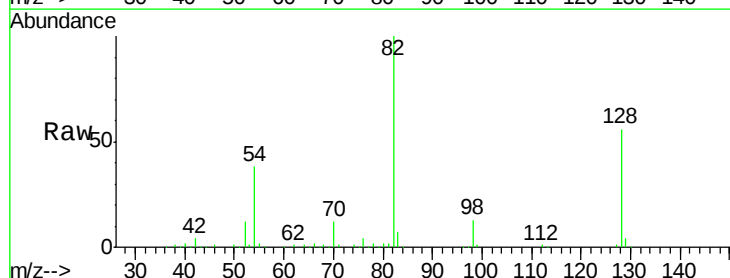


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

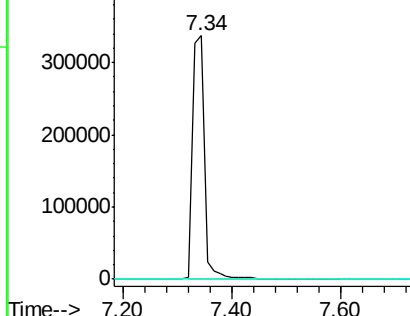
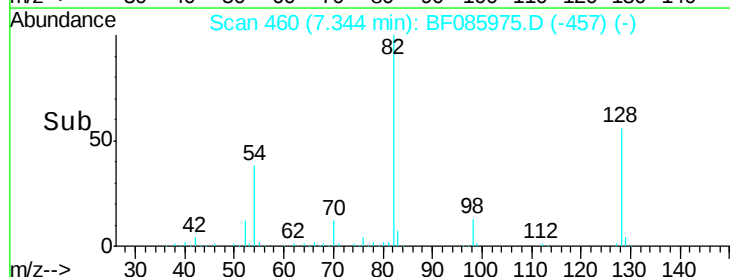


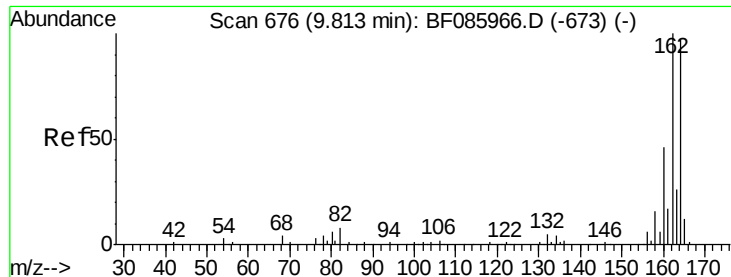
#25
 Isophorone
 Concen: 35.68 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.26 min
 Lab File: BF085975.D
 Acq: 1 Apr 2016 21:45

Tgt Ion: 82 Resp: 498915
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.2#
 138 0.0 12.9 19.3#



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

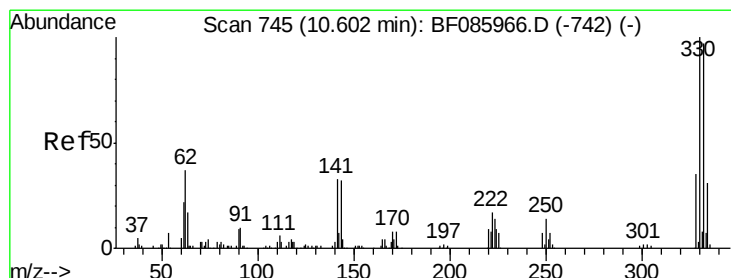
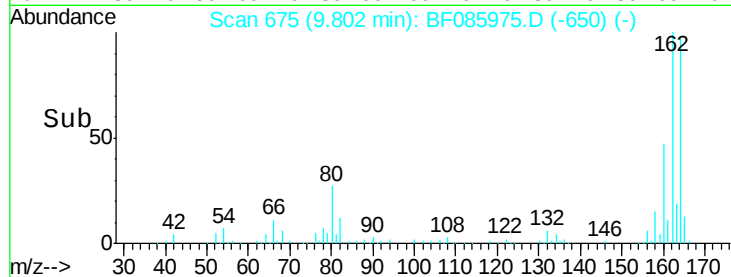
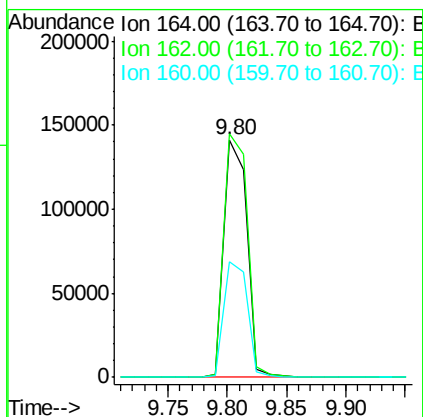
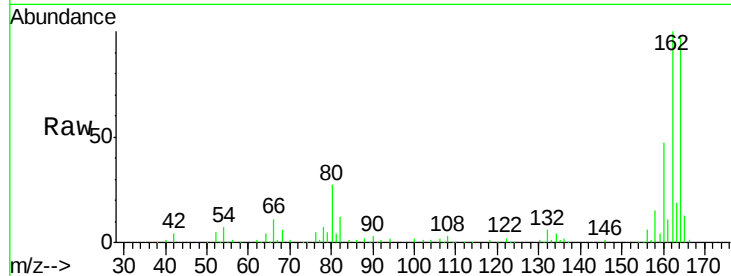




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF085975.D
Acq: 1 Apr 2016 21:45

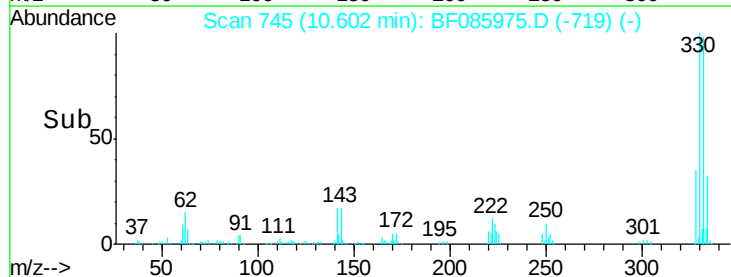
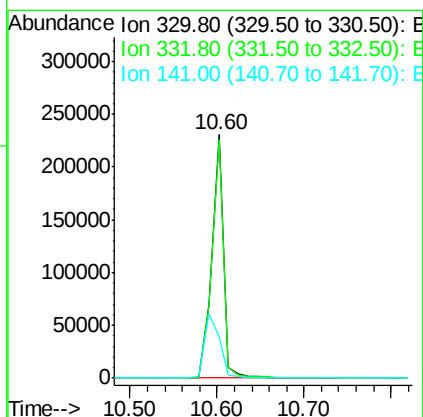
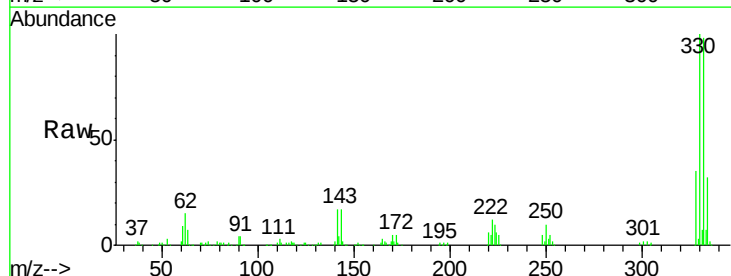
Instrument :
BNA_F
ClientSampleId :
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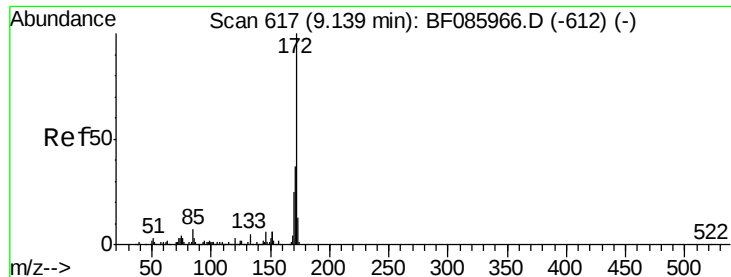
Tot Ion:164 Resp: 188462
Ion Ratio Lower Upper
164 100
162 102.6 82.1 123.1
160 48.4 37.4 56.2



#41
2,4,6-Tribromophenol
Concen: 124.61 ng
RT: 10.60 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF085975.D
Acq: 1 Apr 2016 21:45

Tgt Ion:330 Resp: 220420
Ion Ratio Lower Upper
330 100
332 97.9 78.2 117.2
141 33.4 31.5 47.3





#44

2-Fluorobiphenyl

Concen: 80.03 ng

RT: 9.13 min Scan# 616

Delta R.T. -0.01 min

Lab File: BF085975.D

Acq: 1 Apr 2016 21:45

Instrument :

BNA_F

ClientSampleId :

PB89340BL

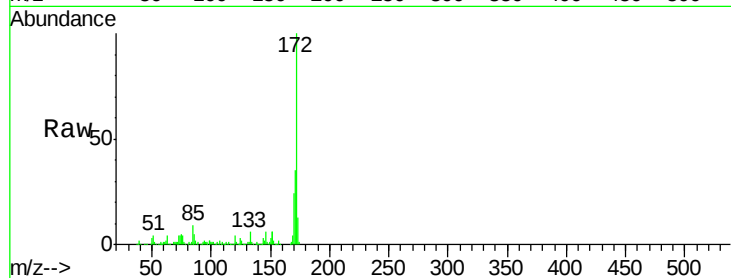
Tot Ion:172 Resp: 907100

Ion Ratio Lower Upper

172 100

171 35.4 29.4 44.2

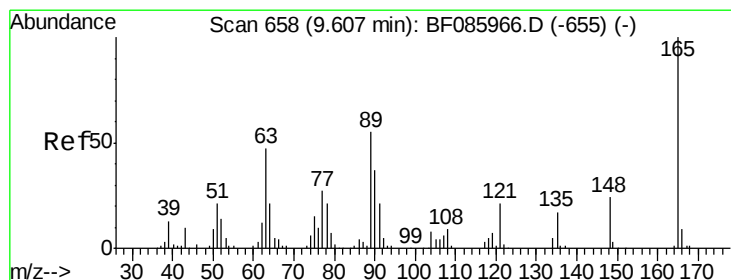
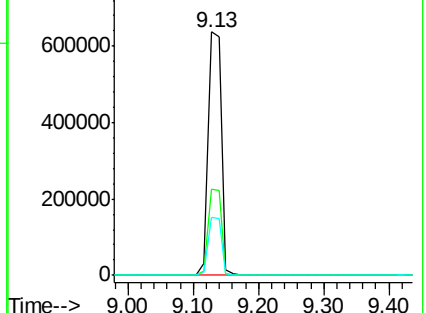
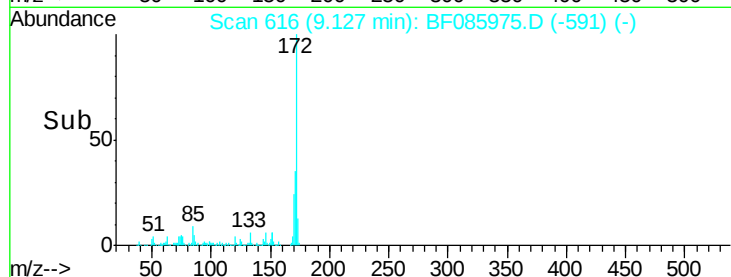
170 24.0 19.8 29.6



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50

2,6-Dinitrotoluene

Concen: 8.19 ng

RT: 9.80 min Scan# 675

Delta R.T. 0.19 min

Lab File: BF085975.D

Acq: 1 Apr 2016 21:45

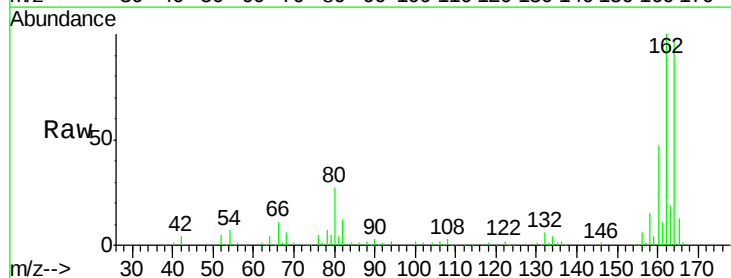
Tgt Ion:165 Resp: 24216

Ion Ratio Lower Upper

165 100

63 1.7 51.8 77.8#

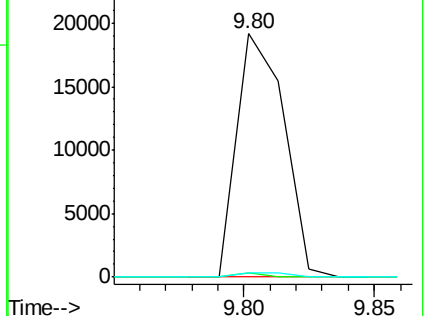
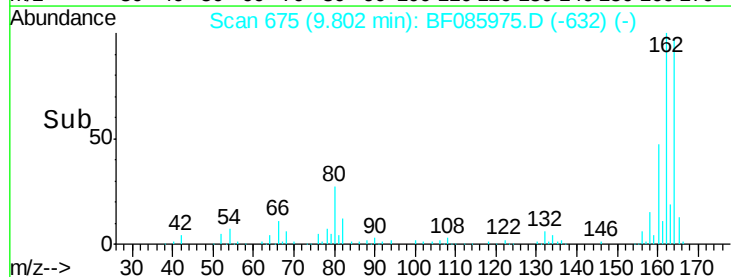
89 1.9 53.7 80.5#

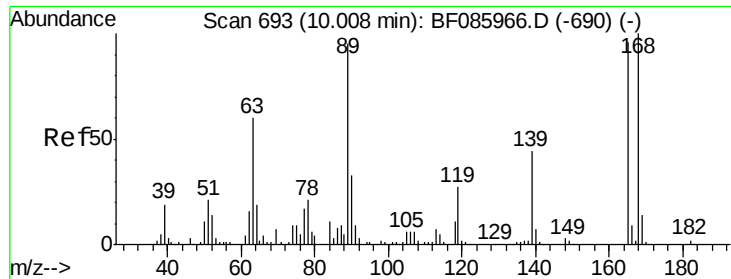


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

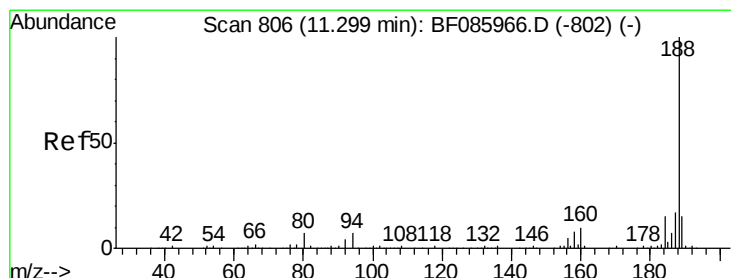
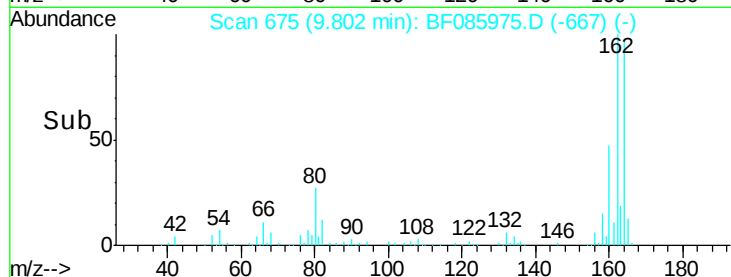
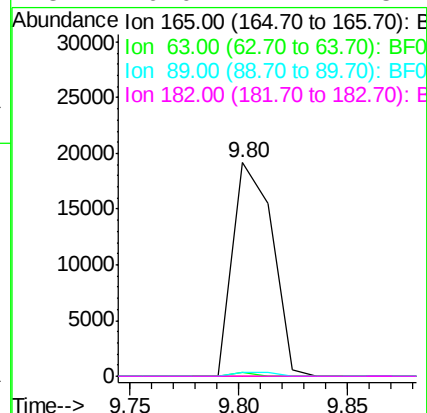
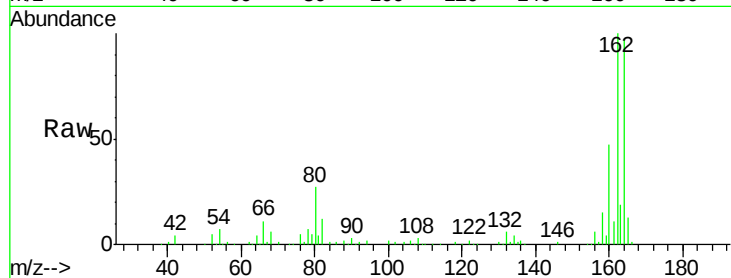




#56
 2,4-Dinitrotoluene
 Concen: 6.48 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.21 min
 Lab File: BF085975.D
 Acq: 1 Apr 2016 21:45

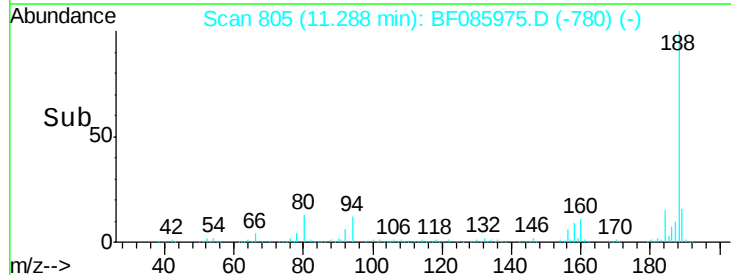
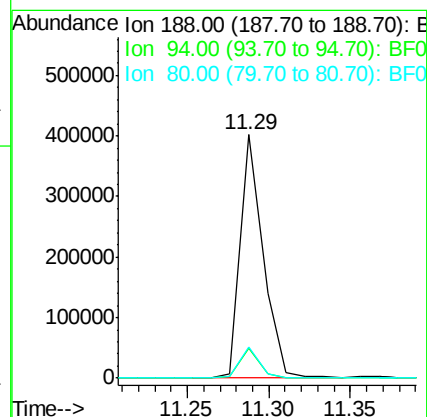
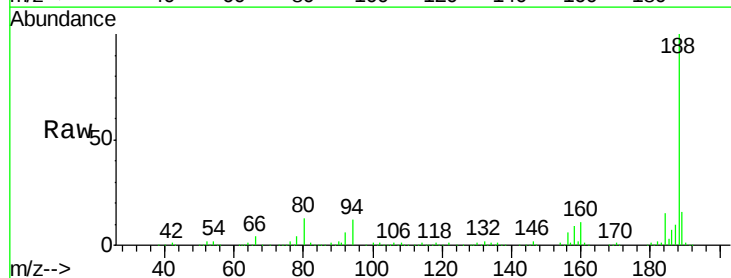
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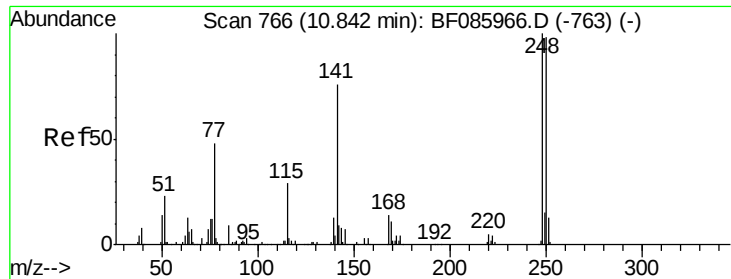
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	24.9	37.3#
89	1.9	41.0	61.6#
182	0.0	2.1	3.1#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF085975.D
 Acq: 1 Apr 2016 21:45

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.1	5.4	8.0#
80	13.0	5.5	8.3#





#66

4-Bromophenyl-phenylether

Concen: 3.47 ng

RT: 10.60 min Scan# 745

Delta R.T. -0.24 min

Lab File: BF085975.D

Acq: 1 Apr 2016 21:45

Instrument :

BNA_F

ClientSampleId :

PB89340BL

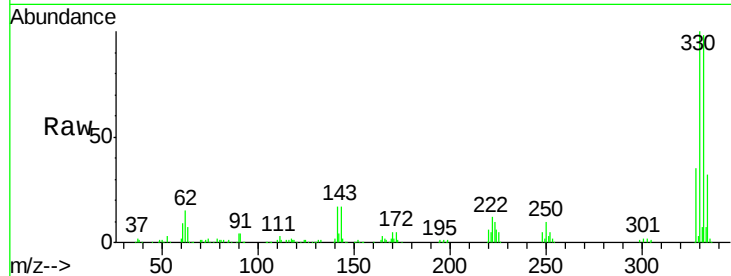
Tot Ion:248 Resp: 13700

Ion Ratio Lower Upper

248 100

250 195.3 77.4 116.0#

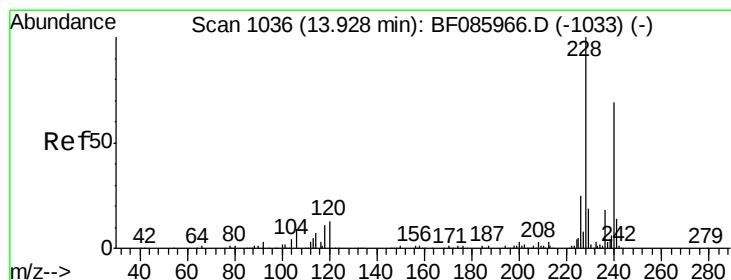
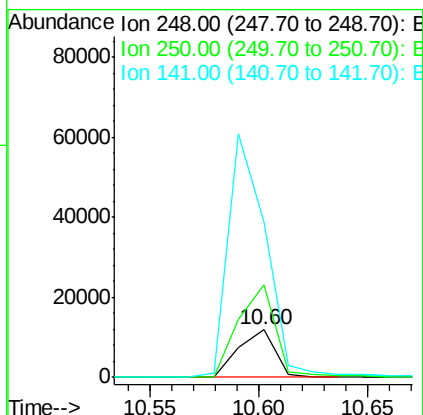
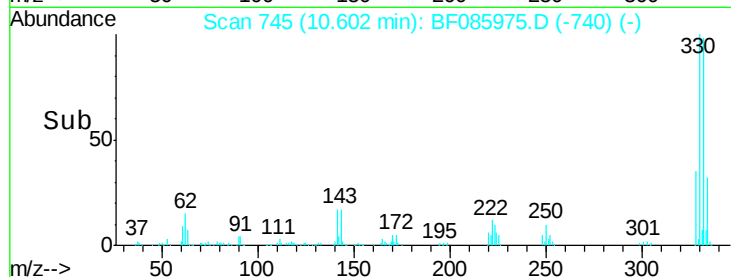
141 329.6 63.6 95.4#



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: 13.93 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF085975.D

Acq: 1 Apr 2016 21:45

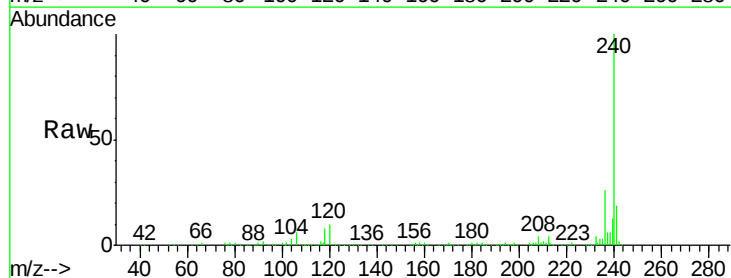
Tgt Ion:240 Resp: 355805

Ion Ratio Lower Upper

240 100

120 9.6 13.8 20.8#

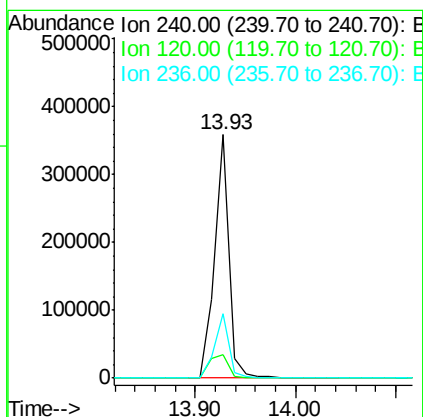
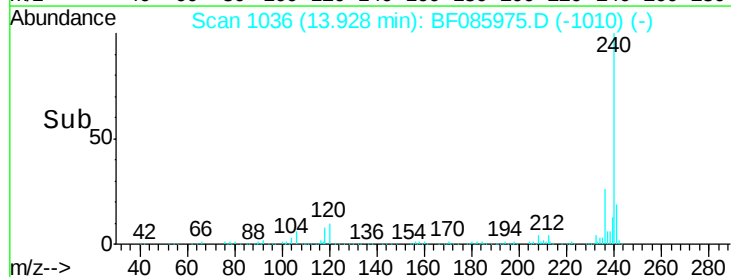
236 26.2 20.6 30.8

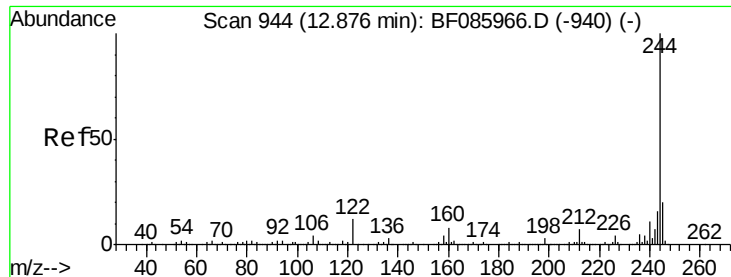


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

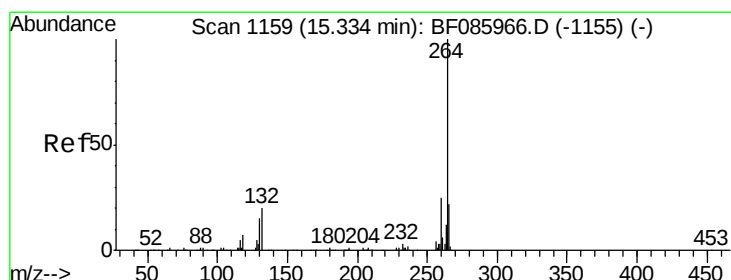
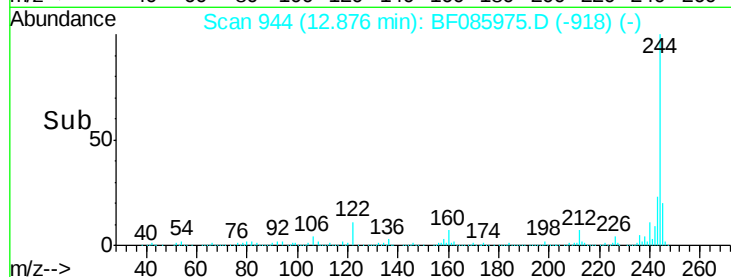
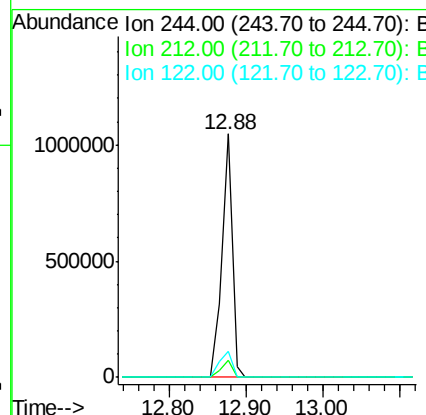
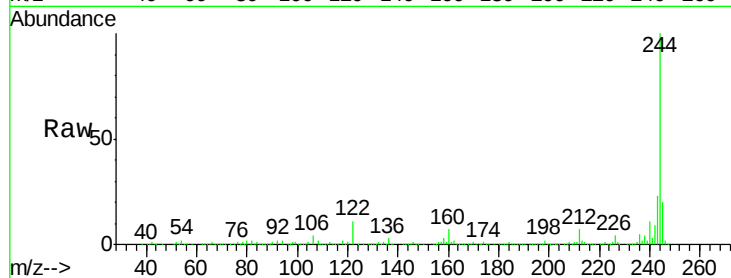




#78
 Terphenyl-d14
 Concen: 64.47 ng
 RT: 12.88 min Scan# 944
 Delta R.T. -0.00 min
 Lab File: BF085975.D
 Acq: 1 Apr 2016 21:45

Instrument :
 BNA_F
 ClientSampleId :
 PB89340BL

Tot Ion:244 Resp: 975896
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 10.6 10.2 15.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.33 min Scan# 1159
 Delta R.T. 0.00 min
 Lab File: BF085975.D
 Acq: 1 Apr 2016 21:45

Tgt Ion:264 Resp: 308599
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.4 29.2
 265 20.9 17.2 25.8

