

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030416\
 Data File : BF085214.D
 Acq On : 4 Mar 2016 20:38
 Operator : SJ/IZ
 Sample : H1684-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 48-BRIDGE-GRID-1

Quant Time: Mar 04 22:10:36 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

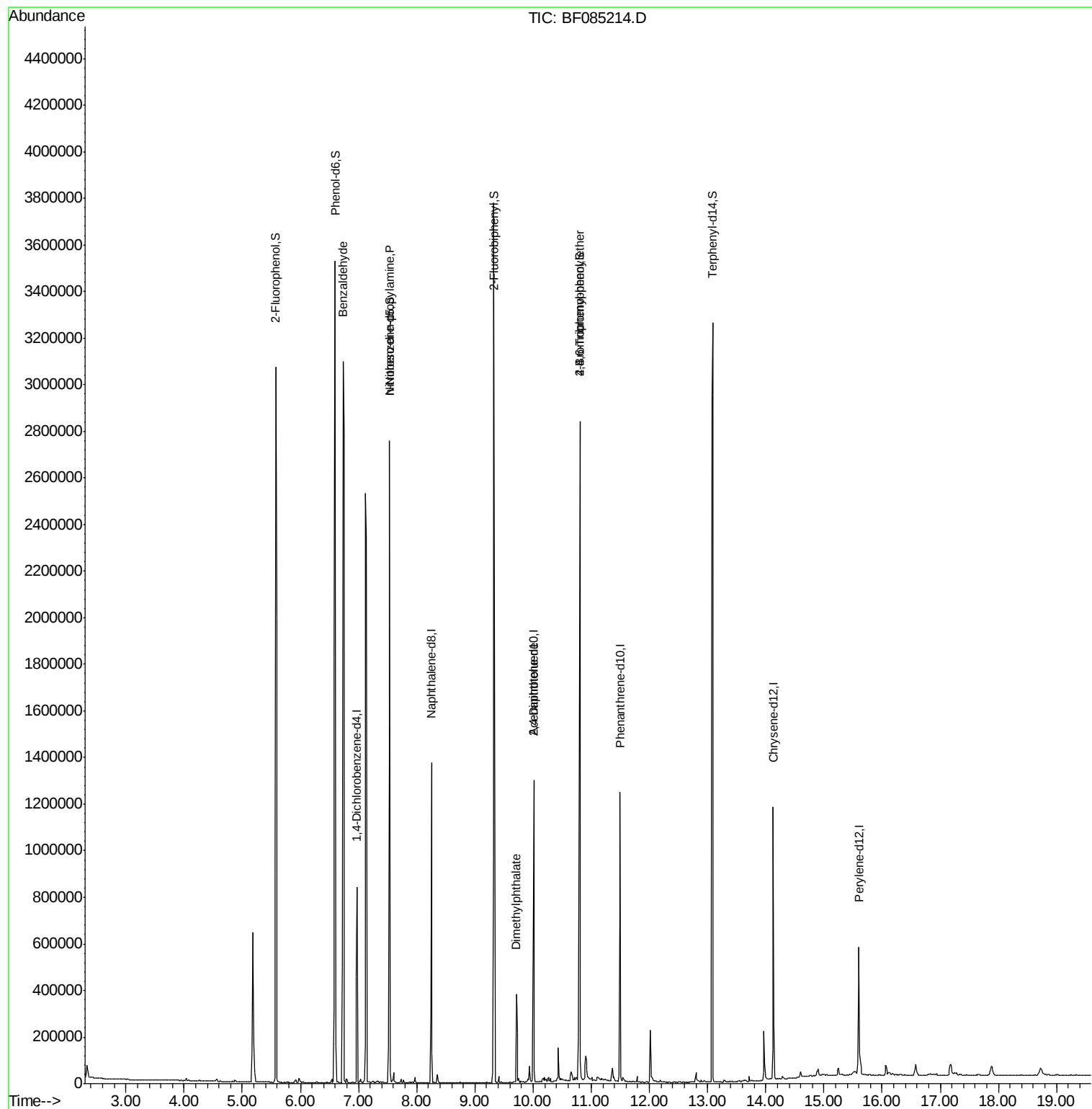
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	154559	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	605986	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	290149	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	544619	20.00	ng	-0.01
75) Chrysene-d12	14.13	240	369846	20.00	ng	-0.02
86) Perylene-d12	15.60	264	264126	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	1278574	138.76	ng	0.00
7) Phenol-d6	6.60	99	1473516	122.06	ng	-0.01
23) Nitrobenzene-d5	7.53	82	1051438	92.85	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	378430	152.43	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	1562056	81.88	ng	-0.02
78) Terphenyl-d14	13.09	244	1519374	95.37	ng	0.00
Target Compounds						
9) Benzaldehyde	6.73	77	28385	2.16	ng	Qvalue 81
19) n-Nitroso-di-n-propylamine	7.53	70	144479	18.36	ng	# 77
49) Dimethylphthalate	9.72	163	186534	8.38	ng	# 99
56) 2,4-Dinitrotoluene	10.01	165	37159	6.09	ng	# 22
66) 4-Bromophenyl-phenylether	10.80	248	28168	5.33	ng	# 1

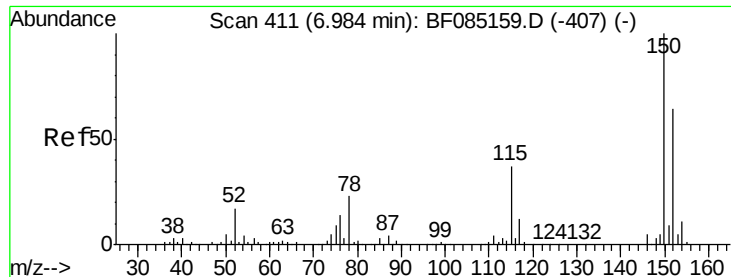
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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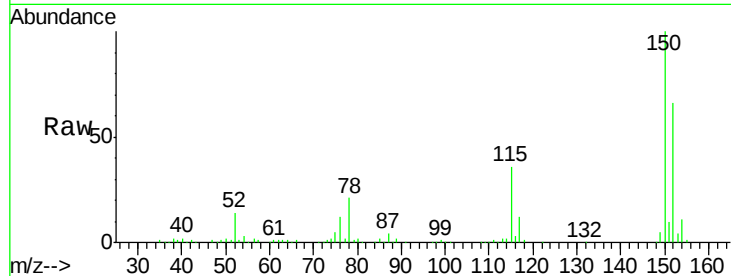


#1

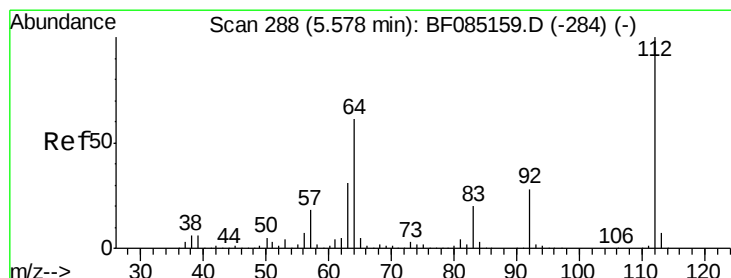
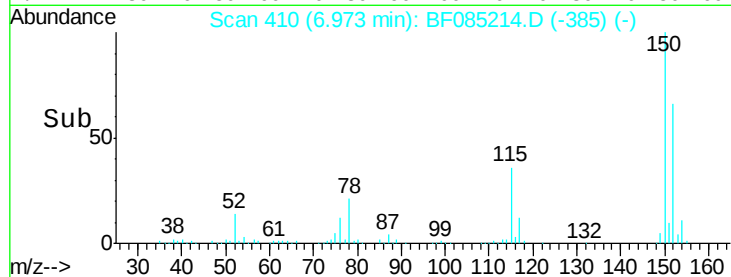
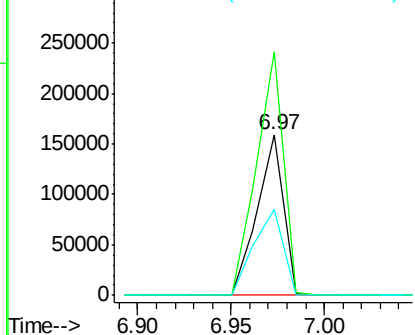
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF085214.D
Acq: 4 Mar 2016 20:38

Instrument :
BNA_F
ClientSampleId :
48-BRIDGE-GRID-1

Tgt Ion:152 Resp: 154559
Ion Ratio Lower Upper
152 100
150 151.4 124.6 186.8
115 54.0 46.6 70.0



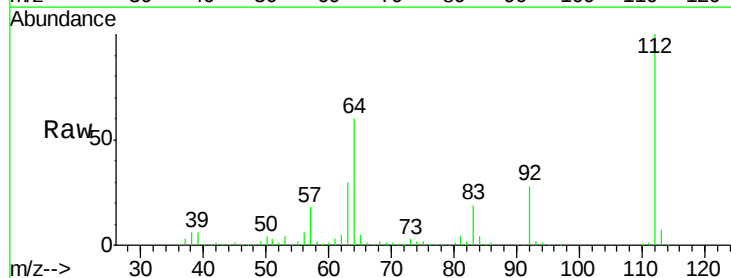
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



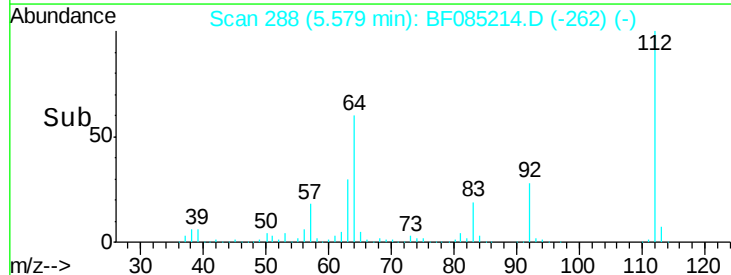
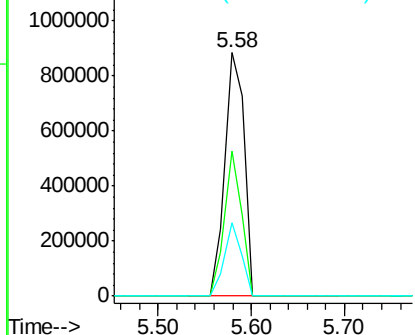
#5

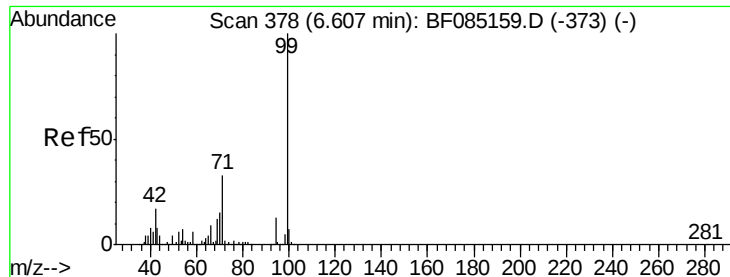
2-Fluorophenol
Concen: 138.76 ng
RT: 5.58 min Scan# 288
Delta R.T. 0.00 min
Lab File: BF085214.D
Acq: 4 Mar 2016 20:38

Tgt Ion:112 Resp: 1278574
Ion Ratio Lower Upper
112 100
64 59.8 49.0 73.4
63 29.9 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: 122.06 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF085214.D

Acq: 4 Mar 2016 20:38

Instrument :

BNA_F

ClientSampleId :

48-BRIDGE-GRID-1

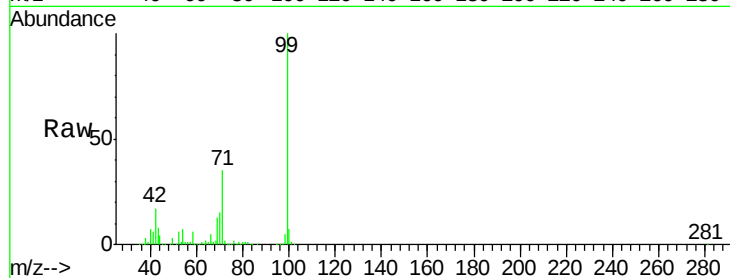
Tgt Ion: 99 Resp: 1473516

Ion Ratio Lower Upper

99 100

42 16.6 13.6 20.4

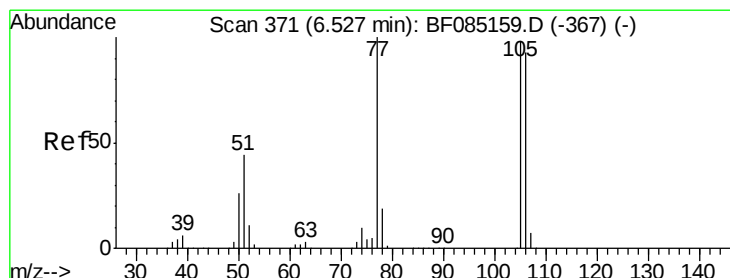
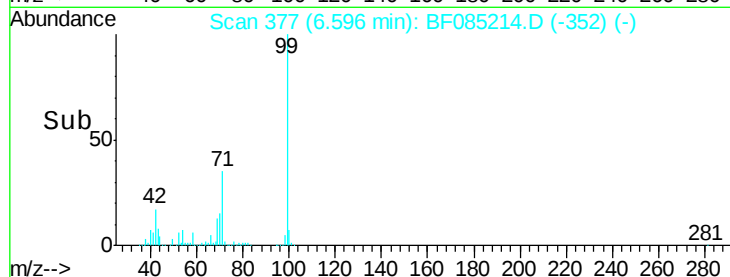
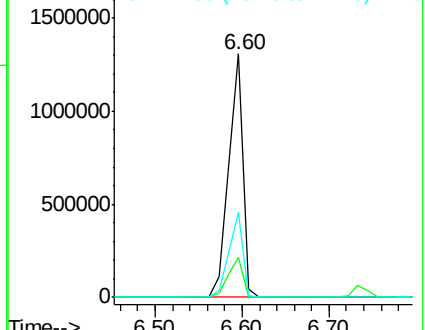
71 35.0 26.7 40.1



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: 2.16 ng

RT: 6.73 min Scan# 389

Delta R.T. 0.21 min

Lab File: BF085214.D

Acq: 4 Mar 2016 20:38

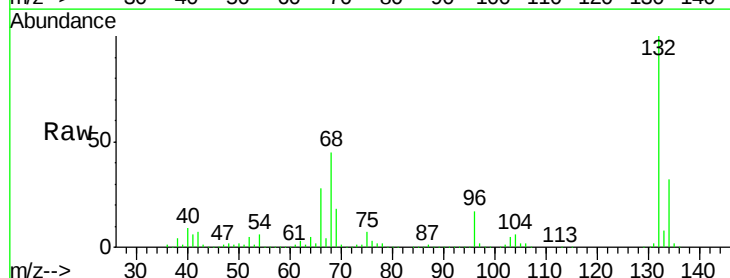
Tgt Ion: 77 Resp: 28385

Ion Ratio Lower Upper

77 100

105 80.2 78.2 118.2

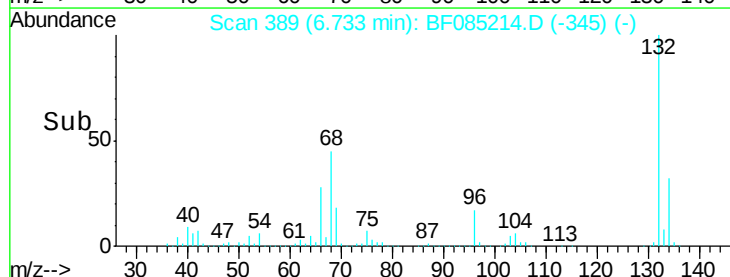
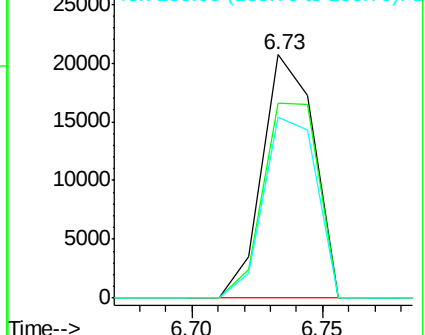
106 74.4 72.9 112.9

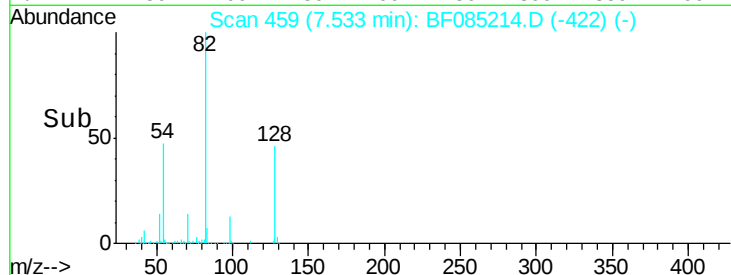
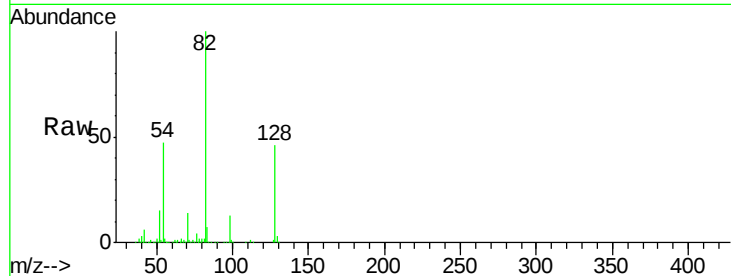
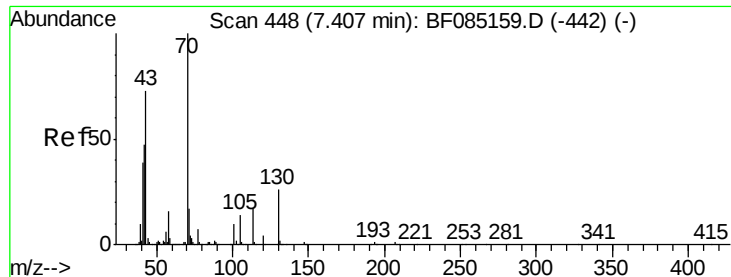


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

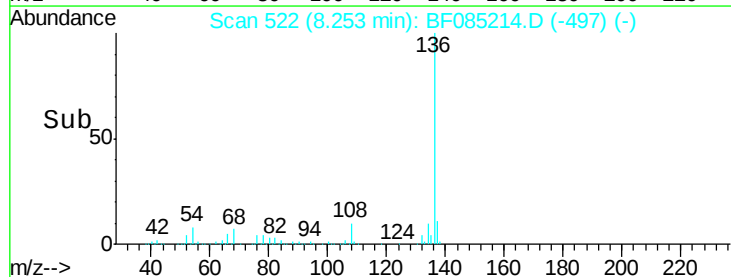
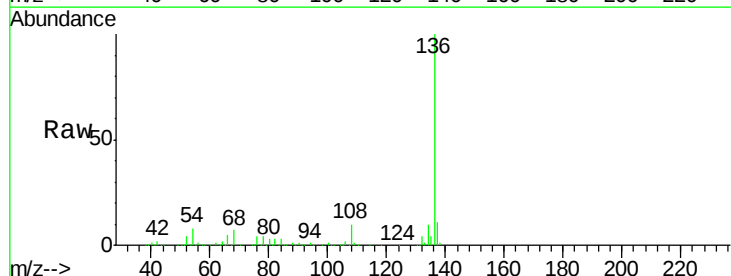
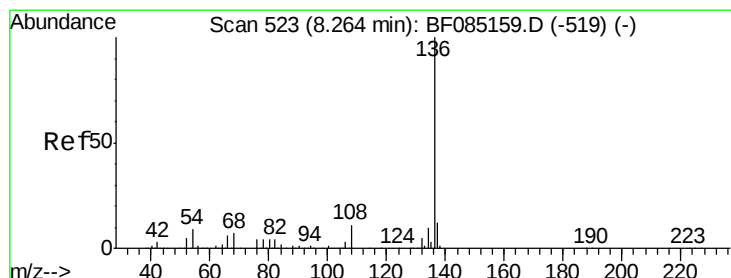
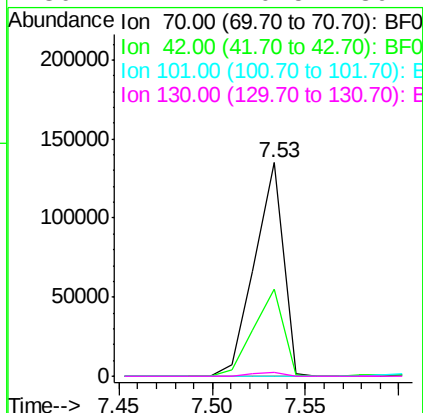




#19
n-Nitroso-di-n-propylamine
Concen: 18.36 ng
RT: 7.53 min Scan# 459
Delta R.T. 0.13 min
Lab File: BF085214.D
Acq: 4 Mar 2016 20:38

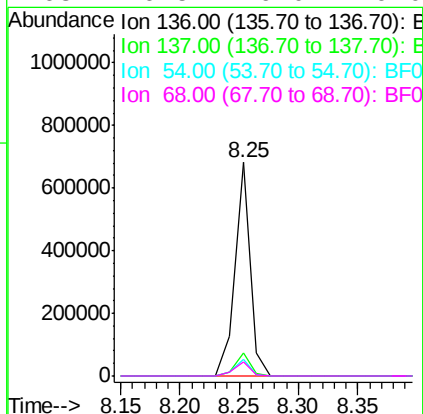
Instrument :
BNA_F
ClientSampleId :
48-BRIDGE-GRID-1

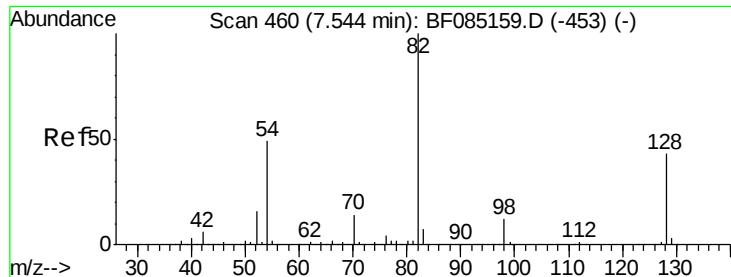
Tgt Ion: 70 Resp: 144479
Ion Ratio Lower Upper
70 100
42 40.8 37.7 56.5
101 0.0 8.2 12.4#
130 2.1 20.5 30.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF085214.D
Acq: 4 Mar 2016 20:38

Tgt Ion: 136 Resp: 605986
Ion Ratio Lower Upper
136 100
137 11.1 9.3 13.9
54 7.9 7.4 11.2
68 6.5 6.0 9.0

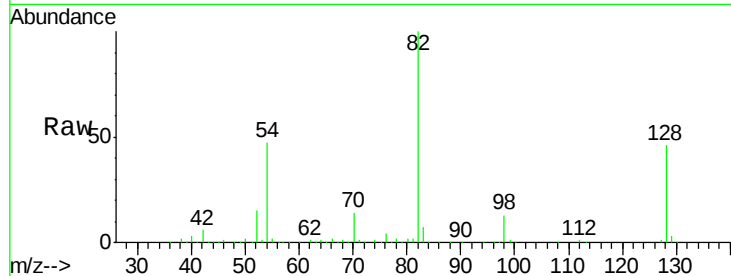




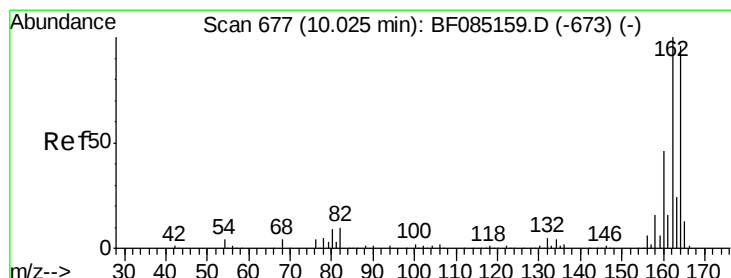
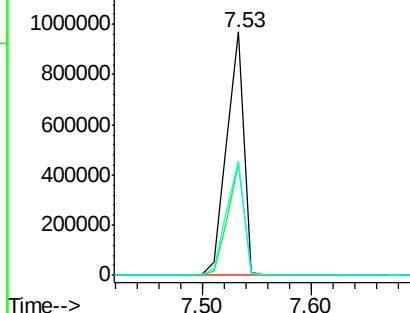
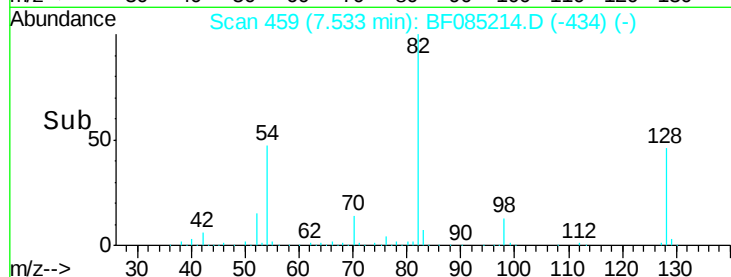
#23
 Nitrobenzene-d5
 Concen: 92.85 ng
 RT: 7.53 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF085214.D
 Acq: 4 Mar 2016 20:38

Instrument :
 BNA_F
 ClientSampleId :
 48-BRIDGE-GRID-1

Tgt Ion: 82 Resp: 1051438
 Ion Ratio Lower Upper
 82 100
 128 45.7 34.5 51.7
 54 46.9 39.3 58.9

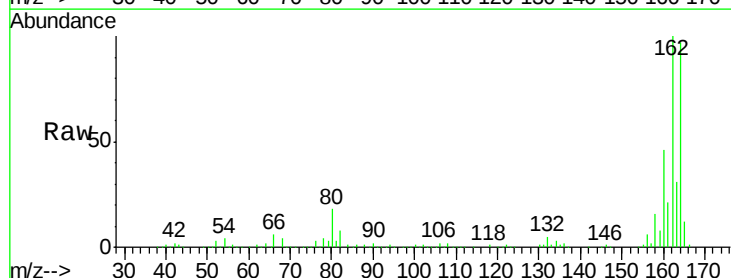


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

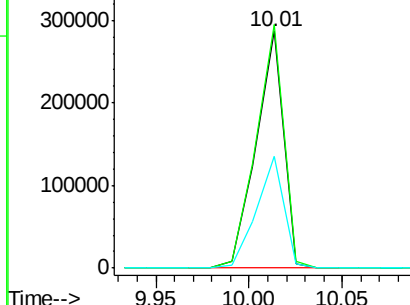
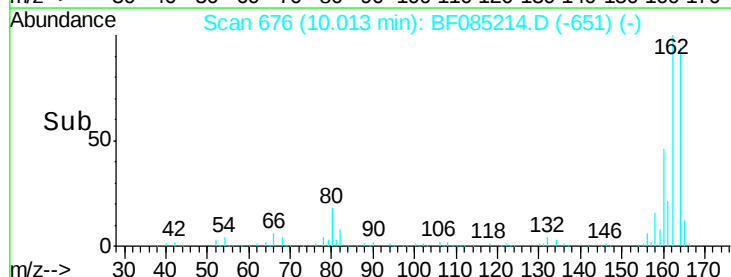


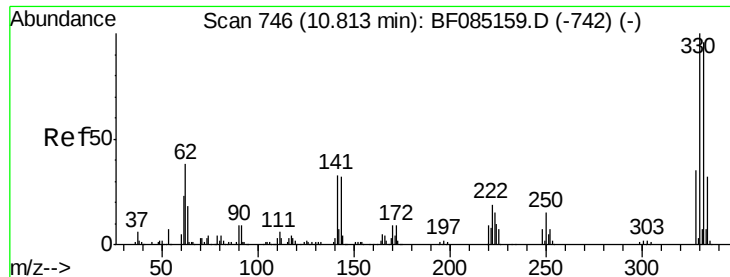
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.01 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF085214.D
 Acq: 4 Mar 2016 20:38

Tgt Ion: 164 Resp: 290149
 Ion Ratio Lower Upper
 164 100
 162 102.7 83.3 124.9
 160 47.1 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

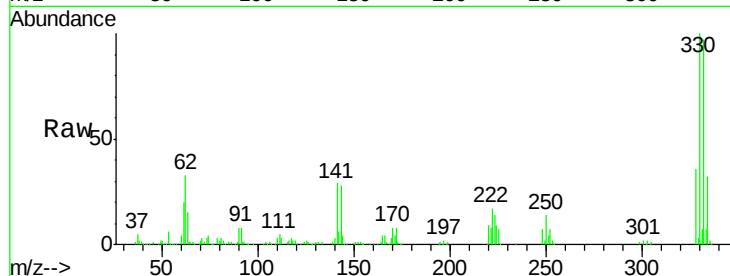




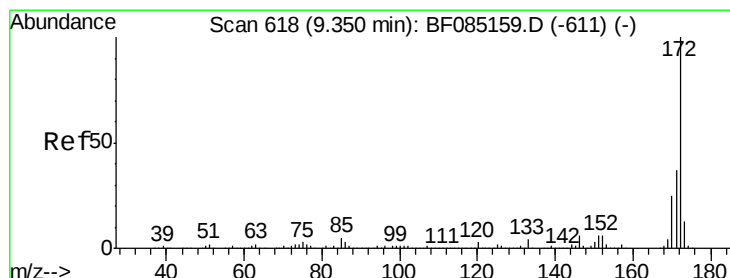
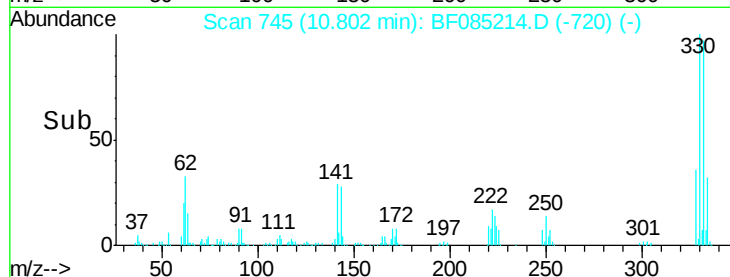
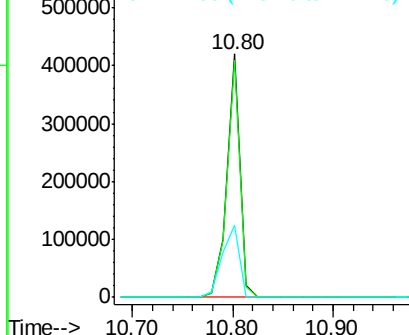
#41
 2,4,6-Tribromophenol
 Concen: 152.43 ng
 RT: 10.80 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF085214.D
 Acq: 4 Mar 2016 20:38

Instrument :
 BNA_F
 ClientSampleId :
 48-BRIDGE-GRID-1

Tgt Ion:330 Resp: 378430
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.1 115.7
 141 39.1 35.0 52.6

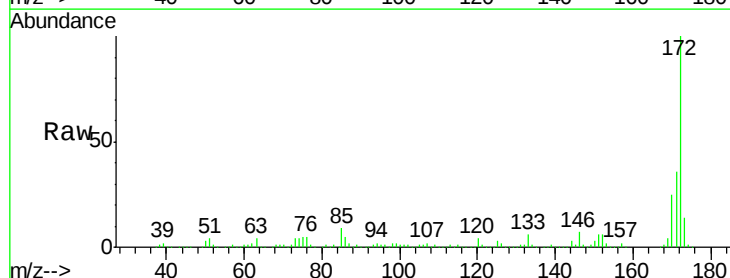


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

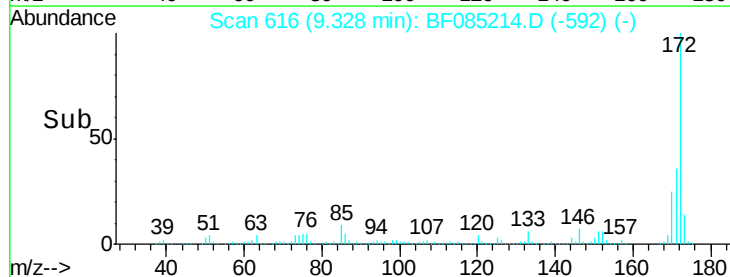
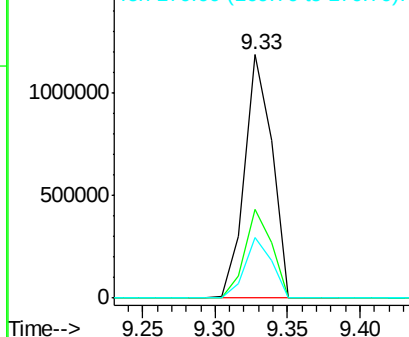


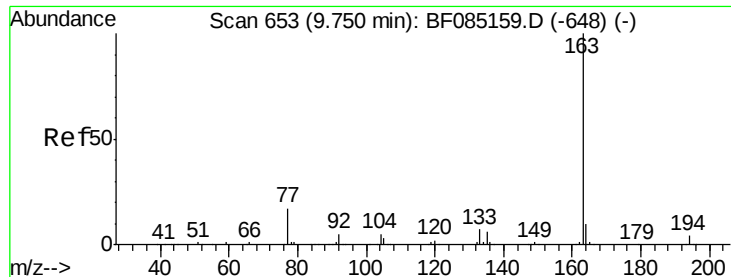
#44
 2-Fluorobiphenyl
 Concen: 81.88 ng
 RT: 9.33 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF085214.D
 Acq: 4 Mar 2016 20:38

Tgt Ion:172 Resp: 1562056
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.3 43.9
 170 25.1 20.0 30.0



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

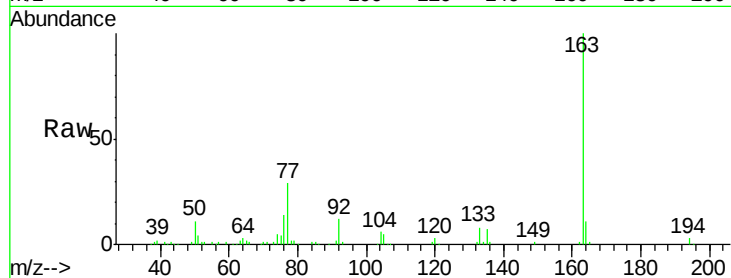




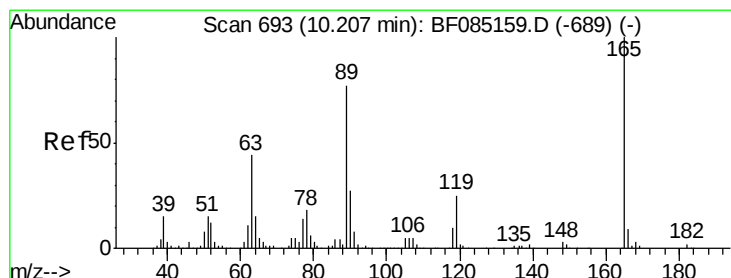
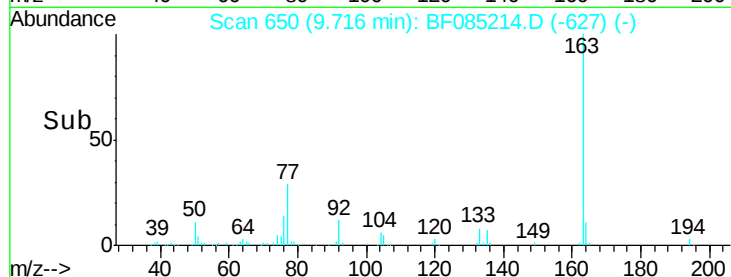
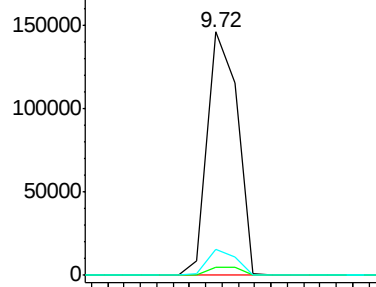
#49
Dimethylphthalate
Concen: 8.38 ng
RT: 9.72 min Scan# 650
Delta R.T. -0.03 min
Lab File: BF085214.D
Acq: 4 Mar 2016 20:38

Instrument :
BNA_F
ClientSampleId :
48-BRIDGE-GRID-1

Tgt Ion:163 Resp: 186534
Ion Ratio Lower Upper
163 100
194 3.1 3.1 4.7#
164 10.5 8.2 12.4

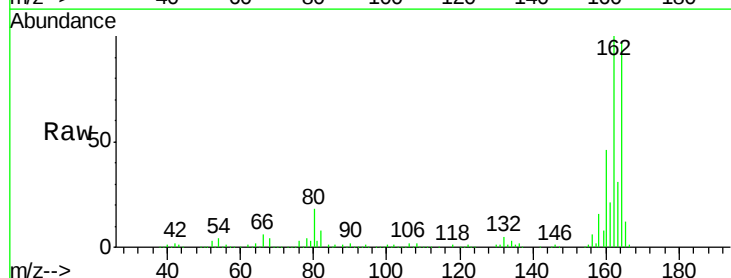


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

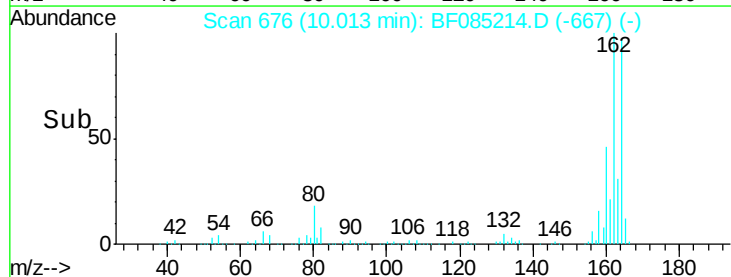
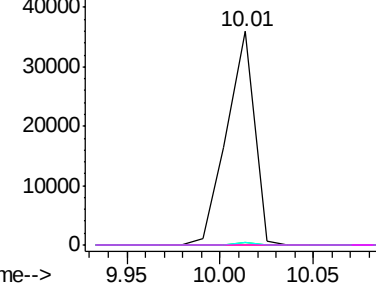


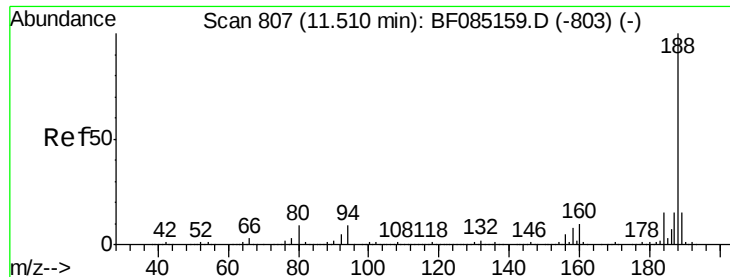
#56
2,4-Dinitrotoluene
Concen: 6.09 ng
RT: 10.01 min Scan# 676
Delta R.T. -0.19 min
Lab File: BF085214.D
Acq: 4 Mar 2016 20:38

Tgt Ion:165 Resp: 37159
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

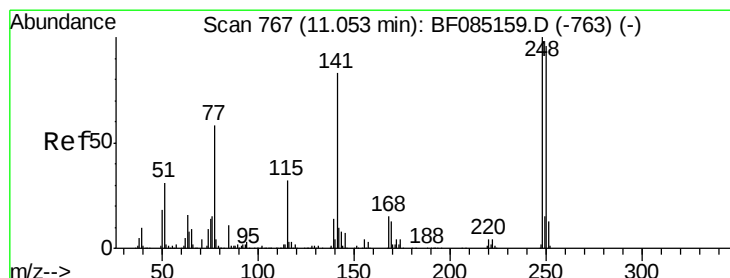
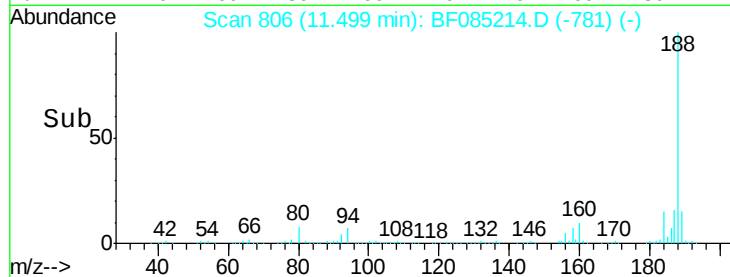
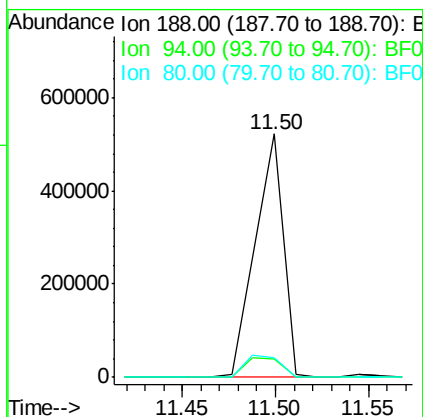
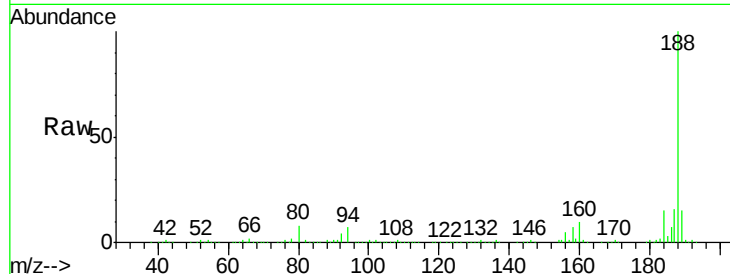




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF085214.D
Acq: 4 Mar 2016 20:38

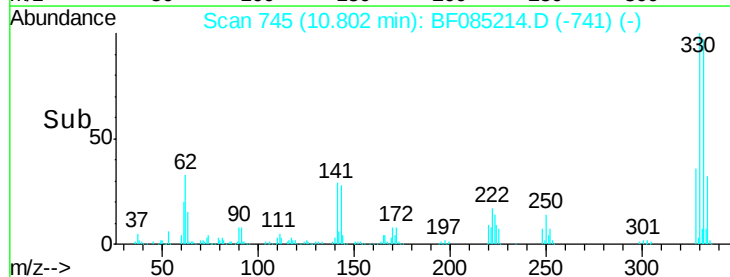
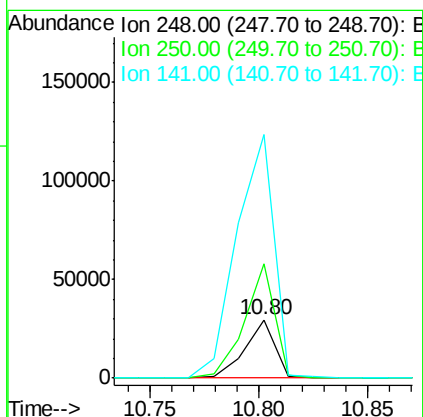
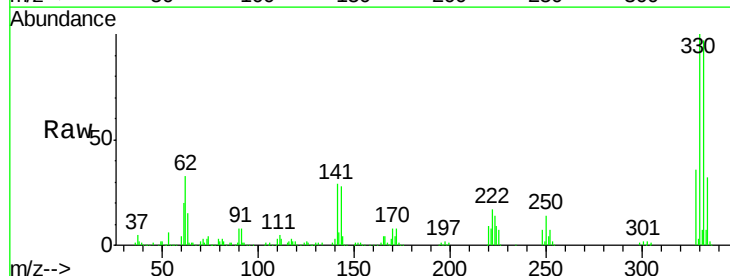
Instrument :
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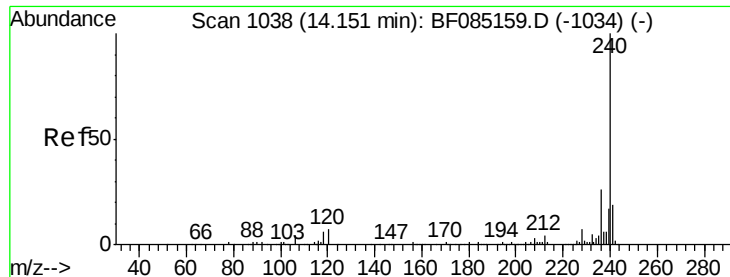
Tgt Ion:188 Resp: 544619
Ion Ratio Lower Upper
188 100
94 7.4 7.0 10.6
80 7.9 7.4 11.0



#66
4-Bromophenyl-phenylether
Concen: 5.33 ng
RT: 10.80 min Scan# 745
Delta R.T. -0.25 min
Lab File: BF085214.D
Acq: 4 Mar 2016 20:38

Tgt Ion:248 Resp: 28168
Ion Ratio Lower Upper
248 100
250 196.3 77.1 115.7#
141 419.2 66.2 99.2#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.13 min Scan# 1036

Delta R.T. -0.02 min

Lab File: BF085214.D

Acq: 4 Mar 2016 20:38

Instrument :

BNA_F

ClientSampleId :

48-BRIDGE-GRID-1

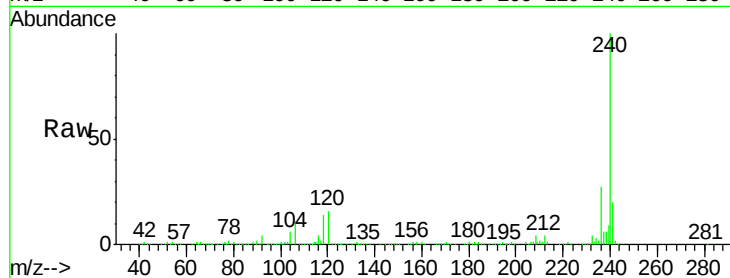
Tgt Ion:240 Resp: 369846

Ion Ratio Lower Upper

240 100

120 15.9 5.3 7.9#

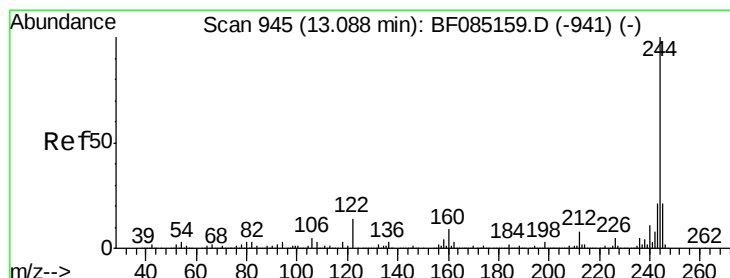
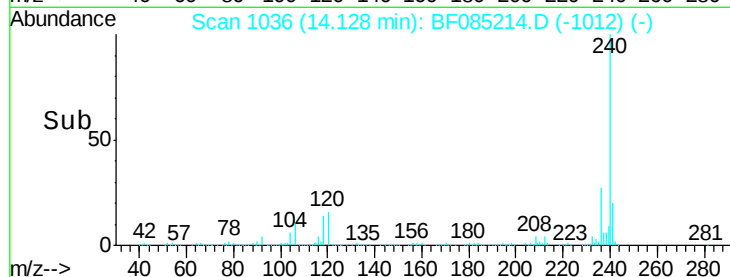
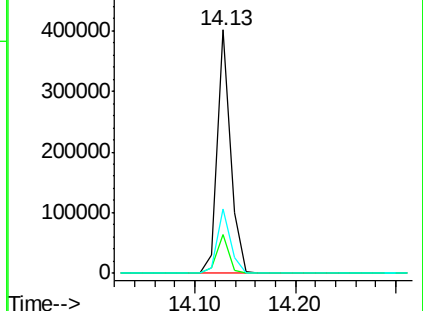
236 26.6 20.7 31.1



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: 95.37 ng

RT: 13.09 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF085214.D

Acq: 4 Mar 2016 20:38

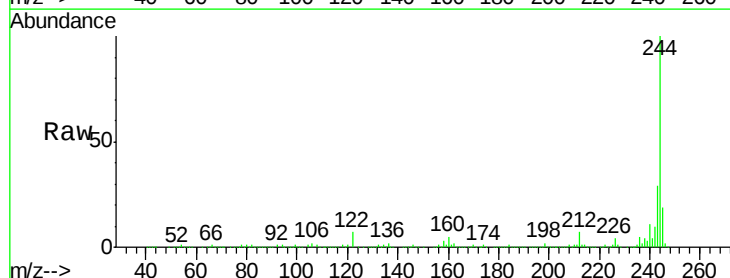
Tgt Ion:244 Resp: 1519374

Ion Ratio Lower Upper

244 100

212 6.8 6.4 9.6

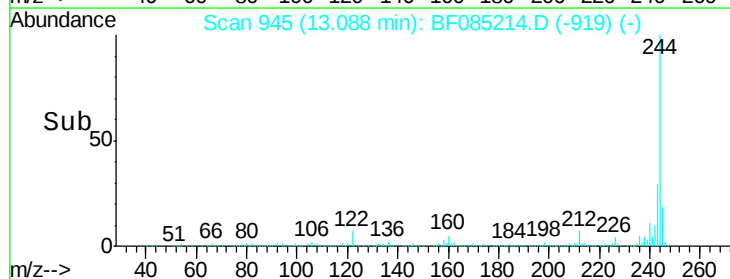
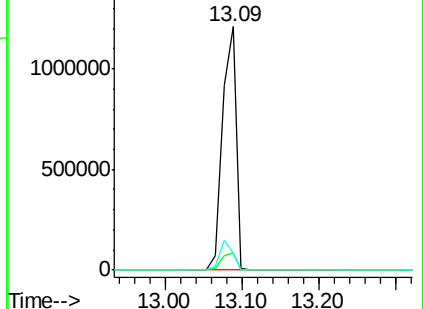
122 7.1 11.4 17.2#

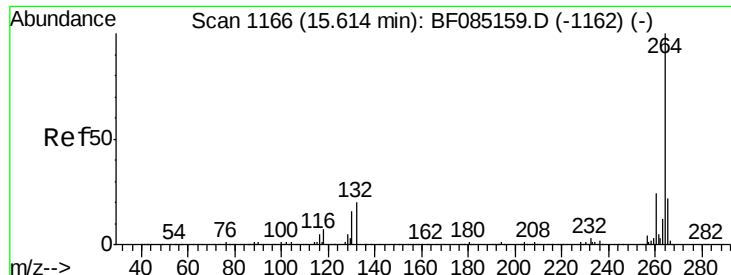


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.60 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF085214.D
 Acq: 4 Mar 2016 20:38

Instrument :
 BNA_F
 ClientSampleId :
 48-BRIDGE-GRID-1

Tgt Ion:	264	Resp:	264126
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.3	17.3	25.9

