

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030416\
 Data File : BF085217.D
 Acq On : 4 Mar 2016 22:01
 Operator : SJ/IZ
 Sample : H1684-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RW-48-S2-GRID-4

Quant Time: Mar 04 23:24:26 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

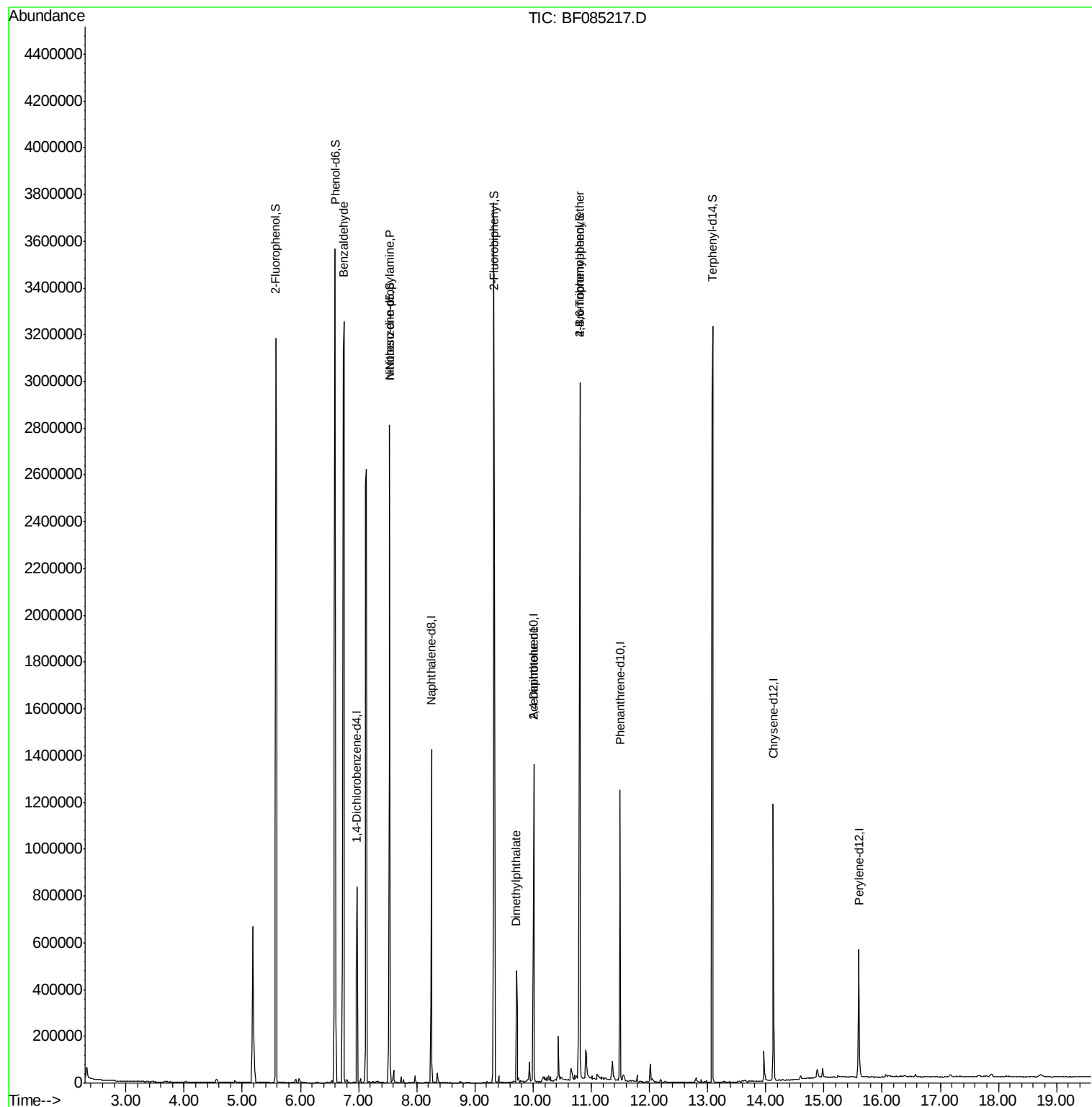
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	154280	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	630741	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	295543	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	553149	20.00	ng	-0.01
75) Chrysene-d12	14.13	240	380187	20.00	ng	-0.02
86) Perylene-d12	15.60	264	270060	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	1380579	150.10	ng	0.00
7) Phenol-d6	6.60	99	1494158	123.99	ng	-0.01
23) Nitrobenzene-d5	7.53	82	1079303	91.57	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	396085	156.63	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	1634900	84.13	ng	-0.02
78) Terphenyl-d14	13.09	244	1516996	92.63	ng	0.00
Target Compounds						
9) Benzaldehyde	6.74	77	30825	2.56	ng	Qvalue 92
19) n-Nitroso-di-n-propylamine	7.53	70	145342	18.51	ng	# 79
49) Dimethylphthalate	9.72	163	246402	10.86	ng	# 98
56) 2,4-Dinitrotoluene	10.01	165	36876	5.94	ng	# 22
66) 4-Bromophenyl-phenylether	10.80	248	29055	5.41	ng	# 1

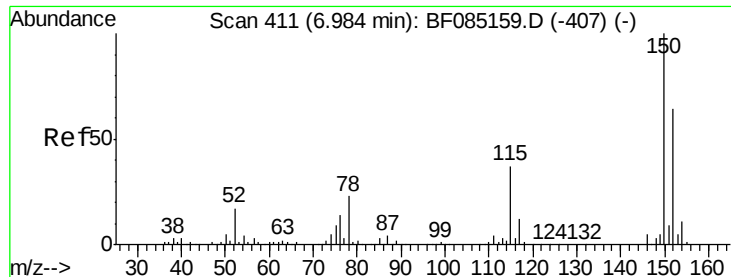
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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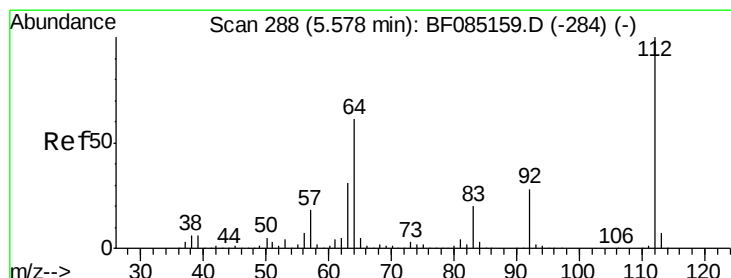
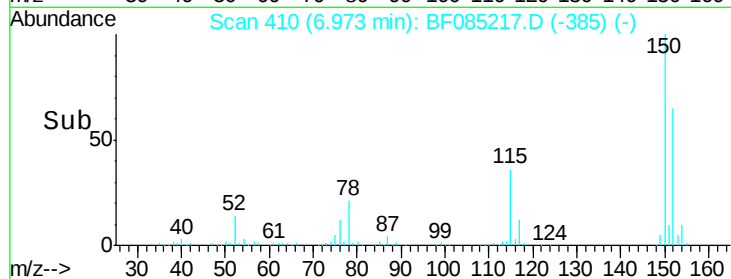
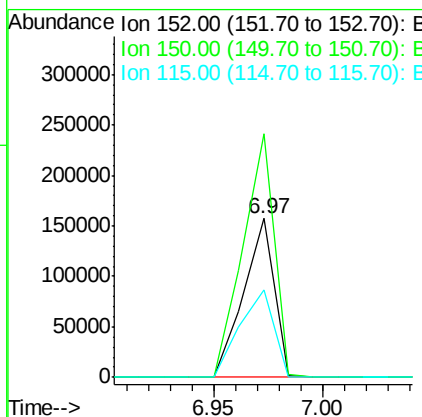
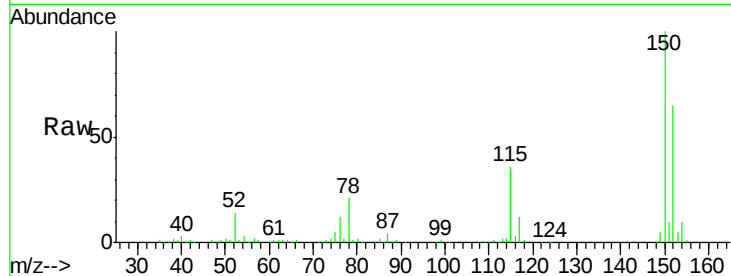




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.97 min Scan# 410
 Delta R.T. -0.01 min
 Lab File: BF085217.D
 Acq: 4 Mar 2016 22:01

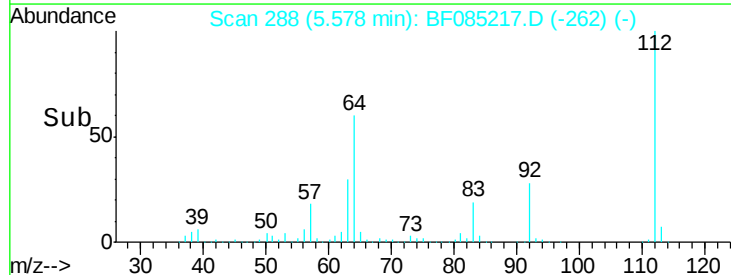
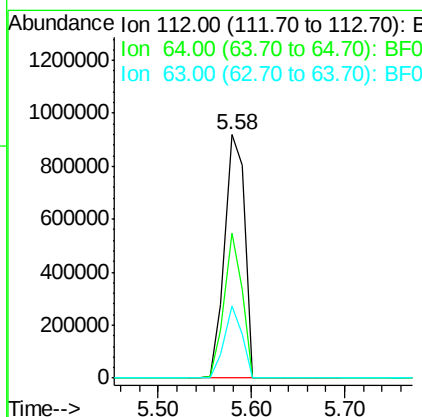
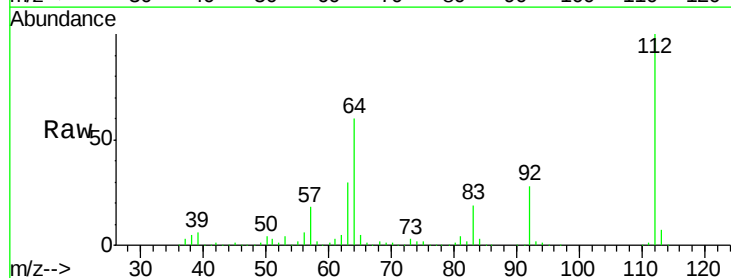
Instrument :
 BNA_F
 ClientSampleId :
 RW-48-S2-GRID-4

Tgt Ion:152 Resp: 154280
 Ion Ratio Lower Upper
 152 100
 150 153.4 124.6 186.8
 115 55.3 46.6 70.0



#5
 2-Fluorophenol
 Concen: 150.10 ng
 RT: 5.58 min Scan# 288
 Delta R.T. 0.00 min
 Lab File: BF085217.D
 Acq: 4 Mar 2016 22:01

Tgt Ion:112 Resp: 1380579
 Ion Ratio Lower Upper
 112 100
 64 59.6 49.0 73.4
 63 29.7 24.8 37.2





#7

Phenol-d6

Concen: 123.99 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF085217.D

Acq: 4 Mar 2016 22:01

Instrument :

BNA_F

ClientSampleId :

RW-48-S2-GRID-4

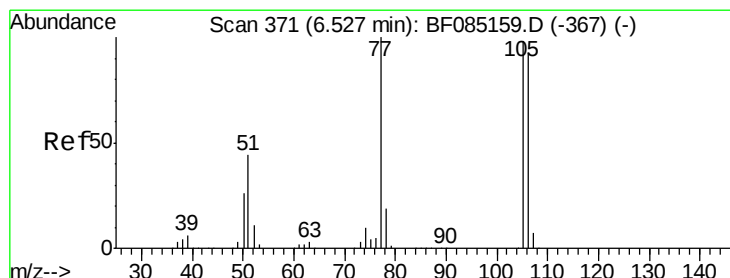
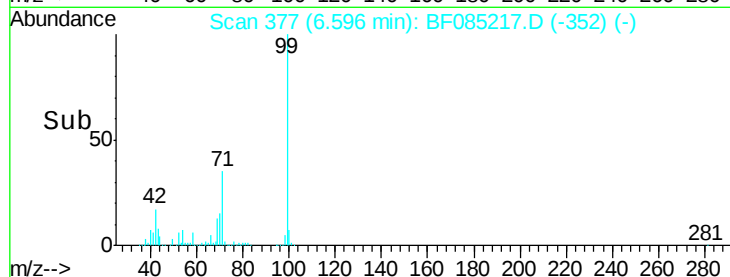
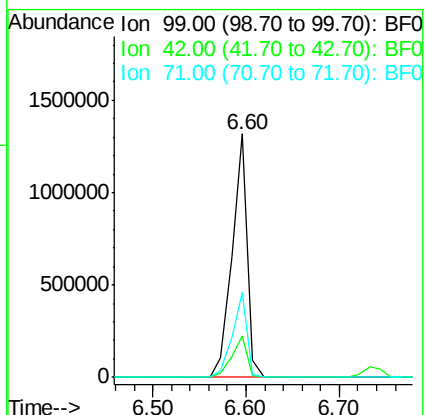
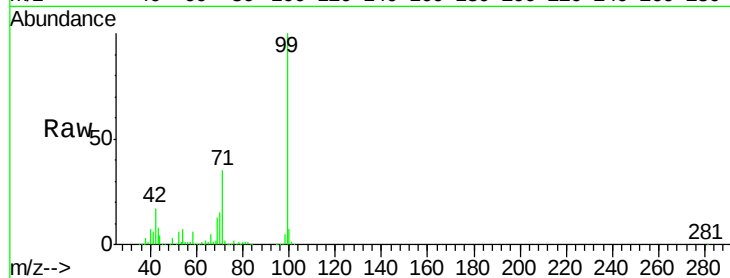
Tgt Ion: 99 Resp: 1494158

Ion Ratio Lower Upper

99 100

42 16.7 13.6 20.4

71 34.8 26.7 40.1



#9

Benzaldehyde

Concen: 2.56 ng

RT: 6.74 min Scan# 390

Delta R.T. 0.22 min

Lab File: BF085217.D

Acq: 4 Mar 2016 22:01

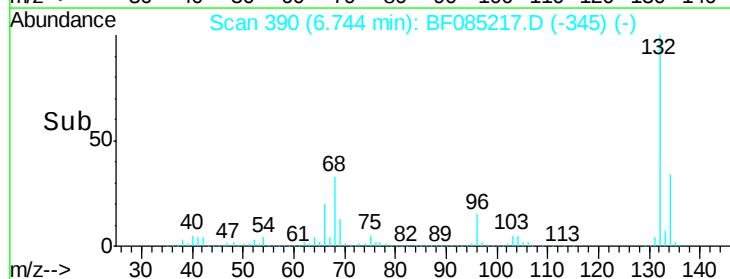
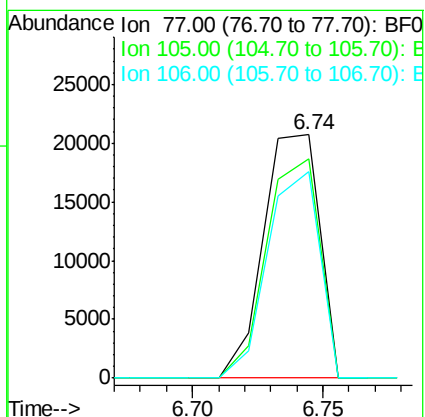
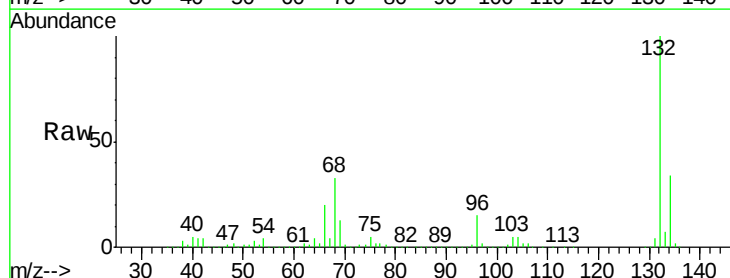
Tgt Ion: 77 Resp: 30825

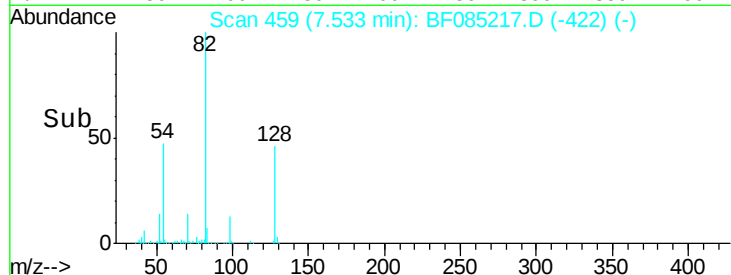
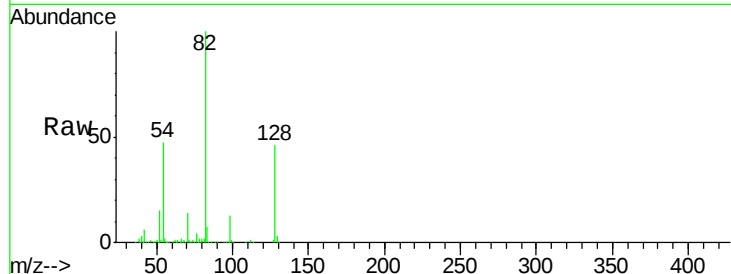
Ion Ratio Lower Upper

77 100

105 90.0 78.2 118.2

106 84.9 72.9 112.9

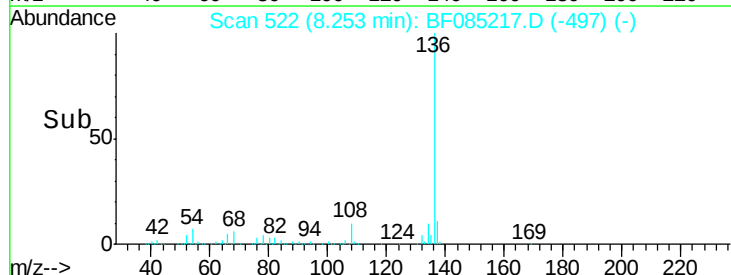
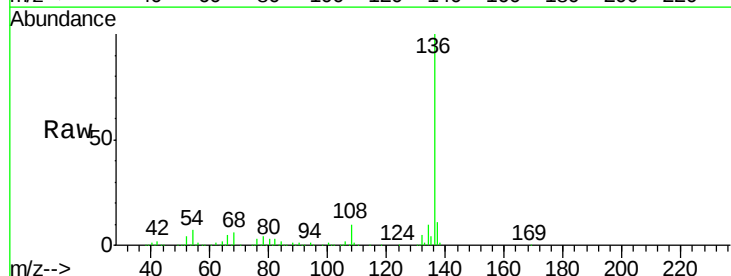
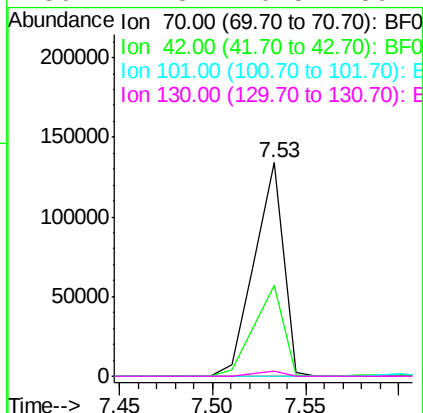




#19
n-Nitroso-di-n-propylamine
Concen: 18.51 ng
RT: 7.53 min Scan# 459
Delta R.T. 0.13 min
Lab File: BF085217.D
Acq: 4 Mar 2016 22:01

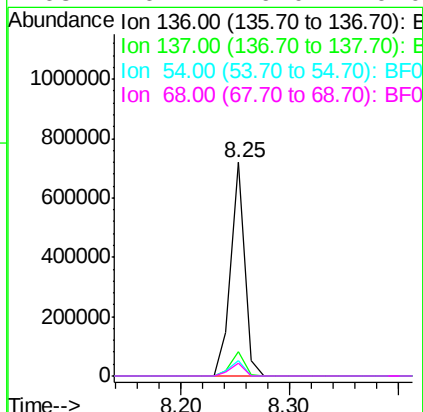
Instrument :
BNA_F
ClientSampleId :
RW-48-S2-GRID-4

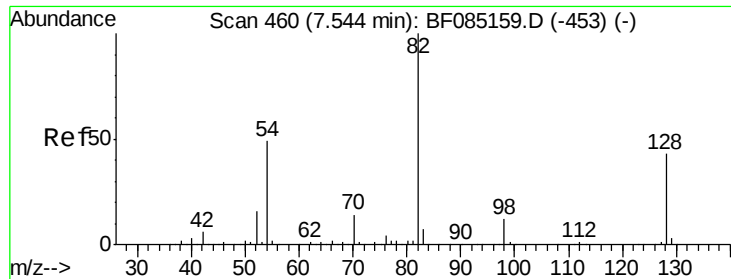
Tgt Ion:	70	Resp:	145342
Ion	Ratio	Lower	Upper
70	100		
42	42.6	37.7	56.5
101	0.0	8.2	12.4#
130	2.3	20.5	30.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF085217.D
Acq: 4 Mar 2016 22:01

Tgt Ion:	136	Resp:	630741
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	7.1	7.4	11.2#
68	6.2	6.0	9.0

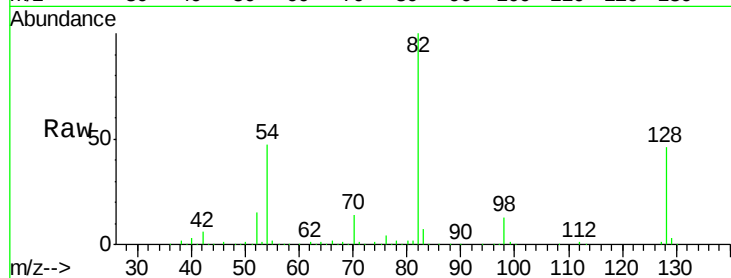




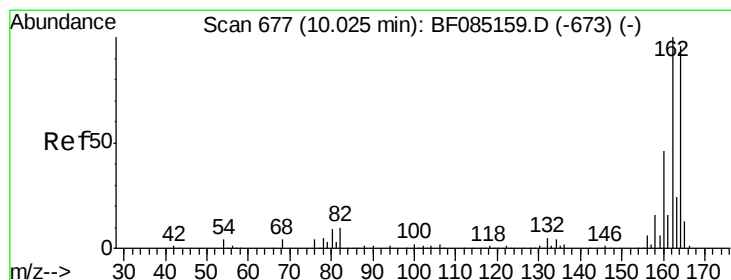
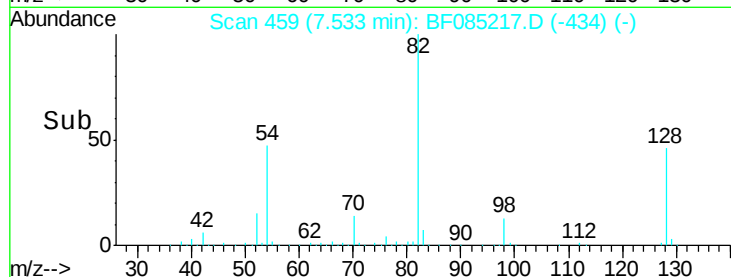
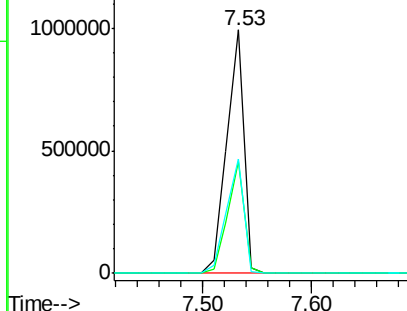
#23
 Nitrobenzene-d5
 Concen: 91.57 ng
 RT: 7.53 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF085217.D
 Acq: 4 Mar 2016 22:01

Instrument :
 BNA_F
 ClientSampleId :
 RW-48-S2-GRID-4

Tgt Ion: 82 Resp: 1079303
 Ion Ratio Lower Upper
 82 100
 128 45.8 34.5 51.7
 54 46.9 39.3 58.9

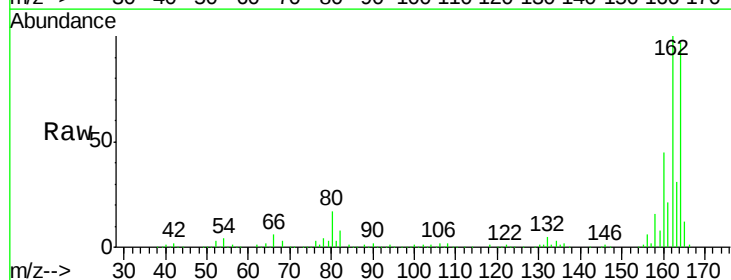


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

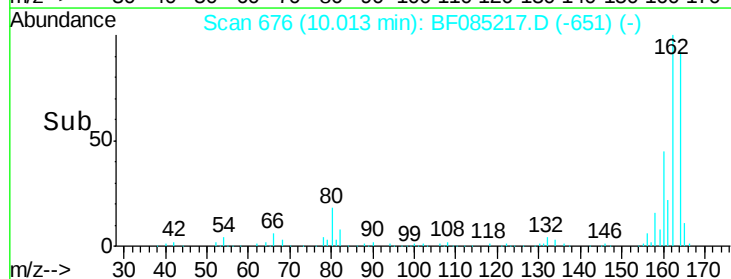
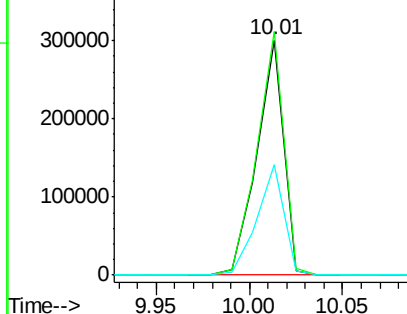


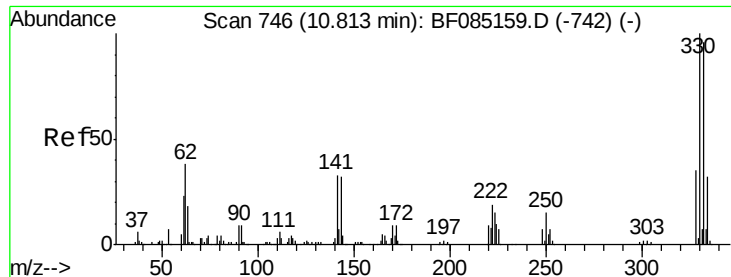
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.01 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF085217.D
 Acq: 4 Mar 2016 22:01

Tgt Ion: 164 Resp: 295543
 Ion Ratio Lower Upper
 164 100
 162 103.5 83.3 124.9
 160 46.7 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

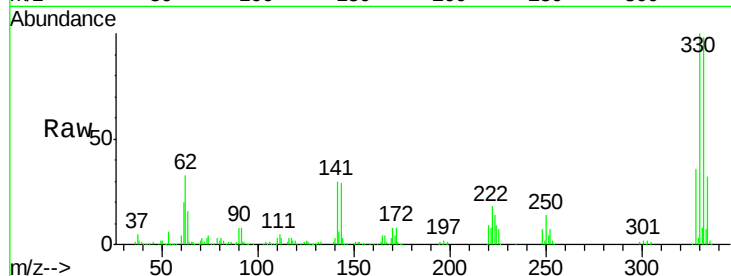




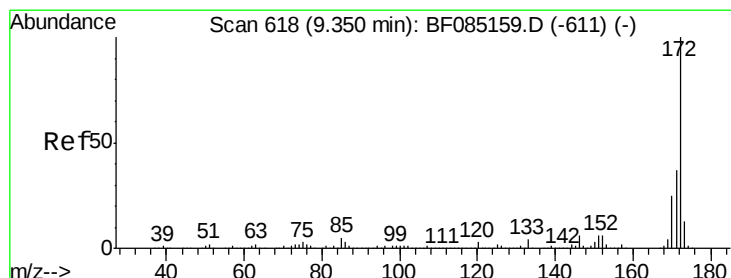
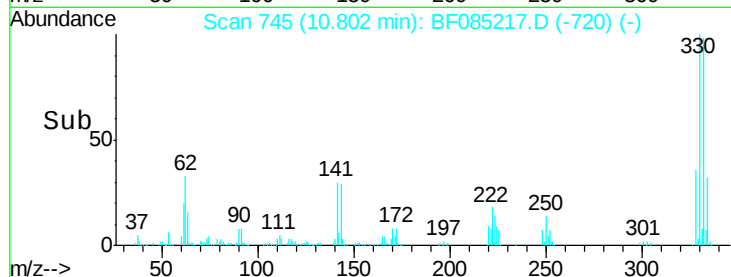
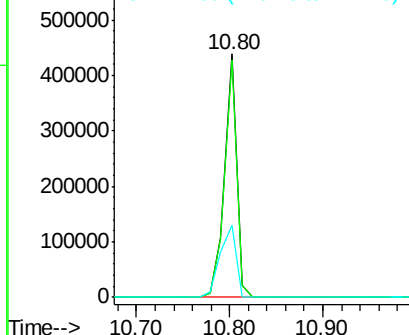
#41
 2,4,6-Tribromophenol
 Concen: 156.63 ng
 RT: 10.80 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF085217.D
 Acq: 4 Mar 2016 22:01

Instrument :
 BNA_F
 ClientSampleId :
 RW-48-S2-GRID-4

Tgt Ion:330 Resp: 396085
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.1 115.7
 141 39.3 35.0 52.6

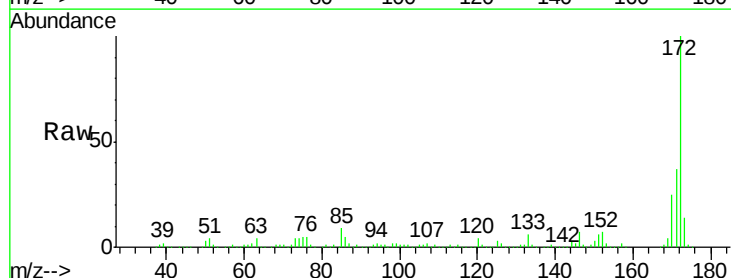


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

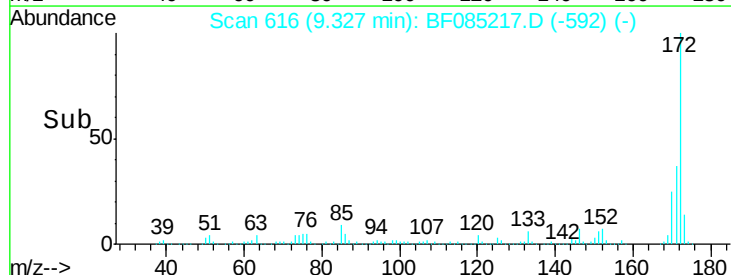
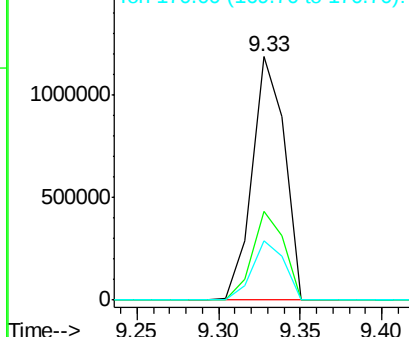


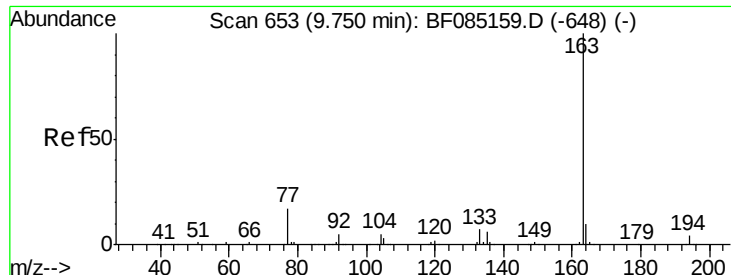
#44
 2-Fluorobiphenyl
 Concen: 84.13 ng
 RT: 9.33 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF085217.D
 Acq: 4 Mar 2016 22:01

Tgt Ion:172 Resp: 1634900
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.3 43.9
 170 24.6 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

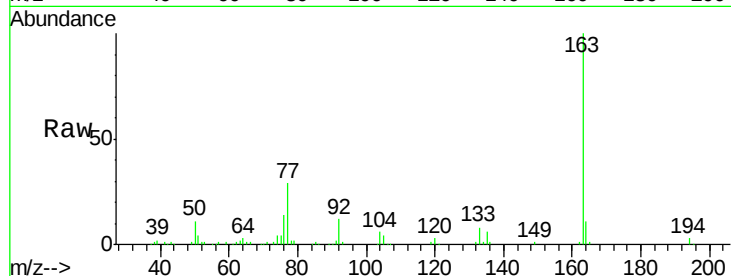




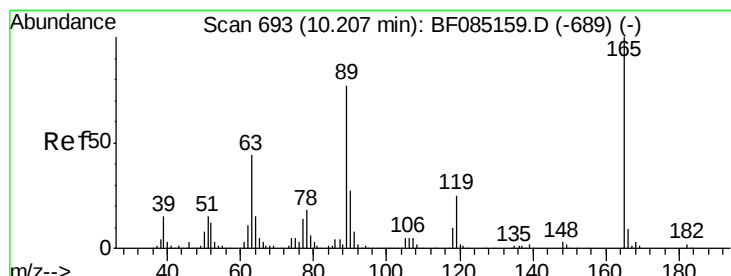
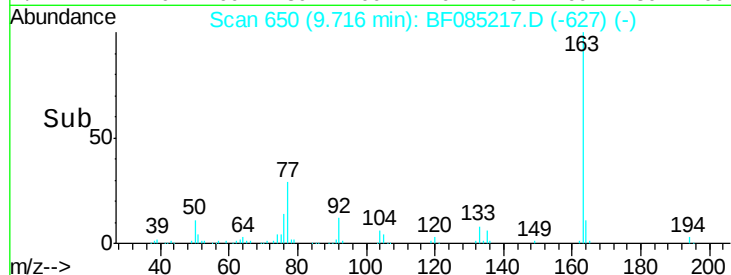
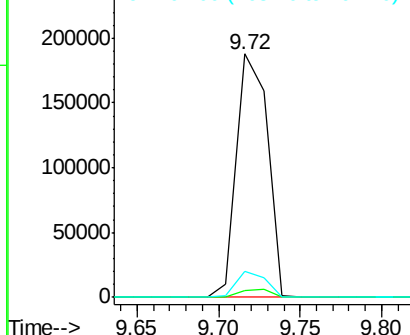
#49
Dimethylphthalate
Concen: 10.86 ng
RT: 9.72 min Scan# 650
Delta R.T. -0.03 min
Lab File: BF085217.D
Acq: 4 Mar 2016 22:01

Instrument :
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ClientSampleId :
RW-48-S2-GRID-4

Tgt Ion:163 Resp: 246402
Ion Ratio Lower Upper
163 100
194 3.0 3.1 4.7#
164 10.9 8.2 12.4

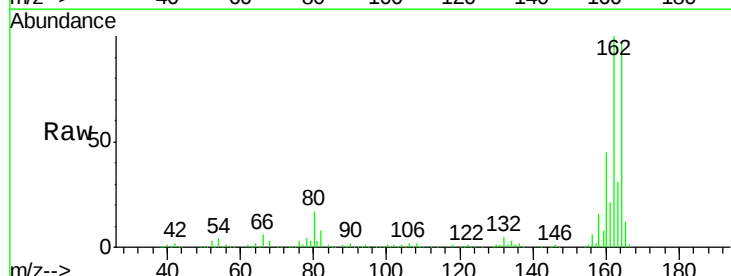


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

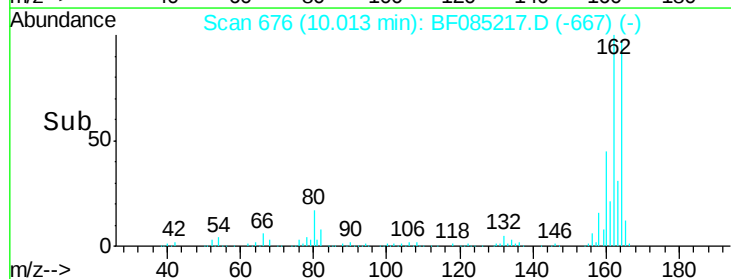
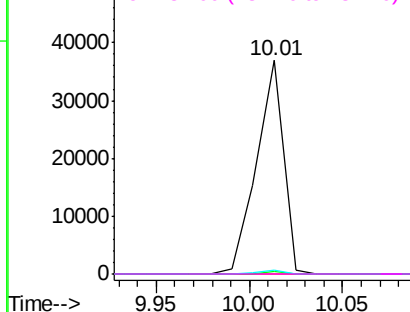


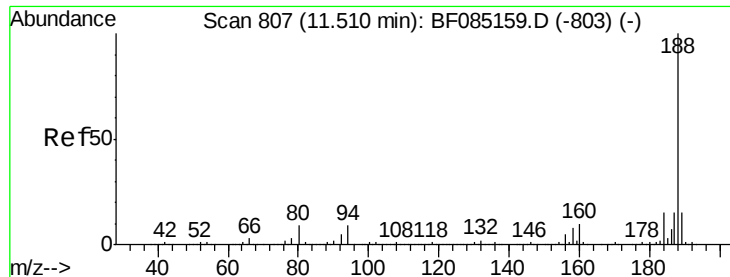
#56
2,4-Dinitrotoluene
Concen: 5.94 ng
RT: 10.01 min Scan# 676
Delta R.T. -0.19 min
Lab File: BF085217.D
Acq: 4 Mar 2016 22:01

Tgt Ion:165 Resp: 36876
Ion Ratio Lower Upper
165 100
63 1.4 35.4 53.0#
89 2.0 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

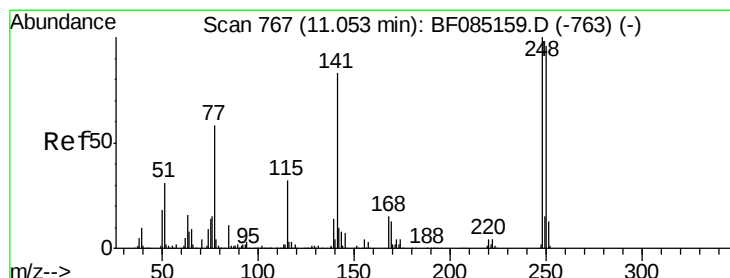
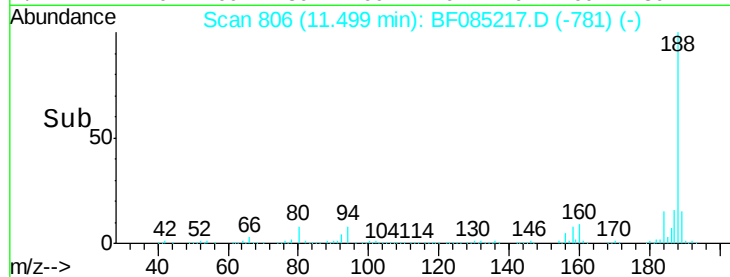
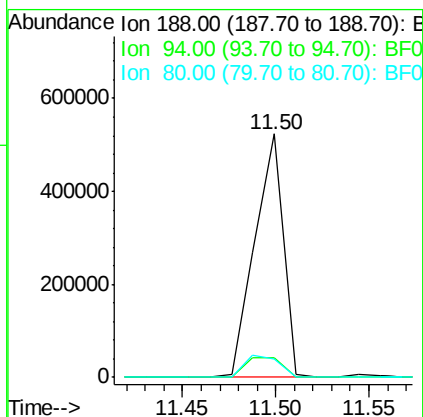
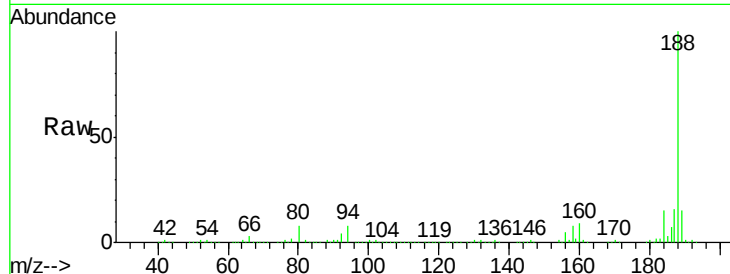




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF085217.D
Acq: 4 Mar 2016 22:01

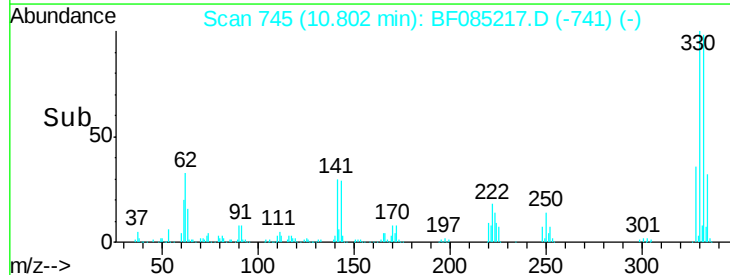
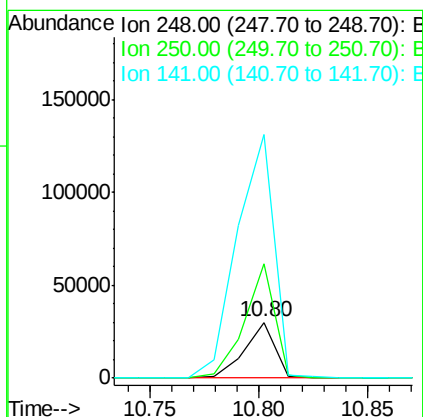
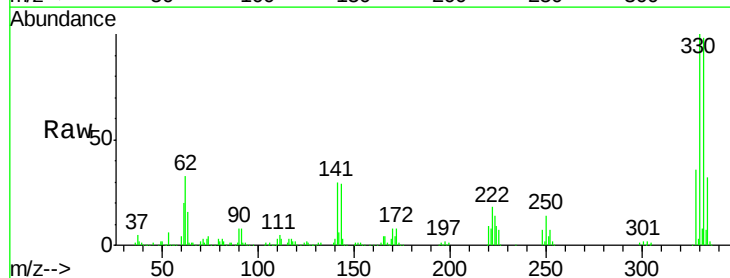
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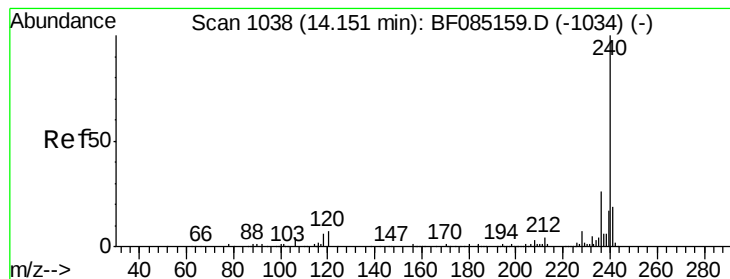
Tgt Ion:188 Resp: 553149
Ion Ratio Lower Upper
188 100
94 7.8 7.0 10.6
80 7.8 7.4 11.0



#66
4-Bromophenyl-phenylether
Concen: 5.41 ng
RT: 10.80 min Scan# 745
Delta R.T. -0.25 min
Lab File: BF085217.D
Acq: 4 Mar 2016 22:01

Tgt Ion:248 Resp: 29055
Ion Ratio Lower Upper
248 100
250 203.6 77.1 115.7#
141 434.4 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: BF085217.D

Acq: 4 Mar 2016 22:01

Instrument :

BNA_F

ClientSampleId :

RW-48-S2-GRID-4

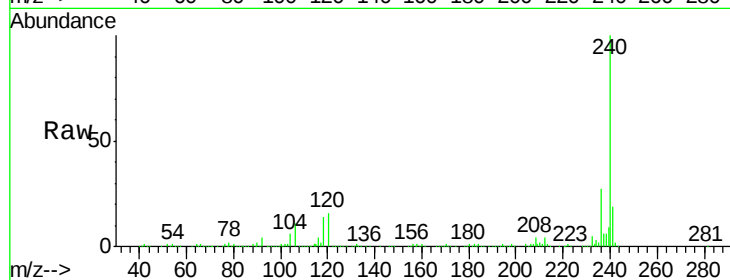
Tgt Ion:240 Resp: 380187

Ion Ratio Lower Upper

240 100

120 16.2 5.3 7.9#

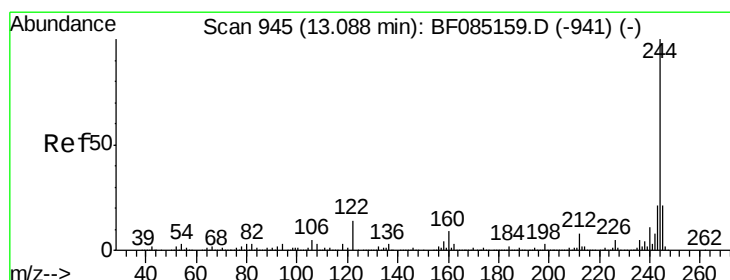
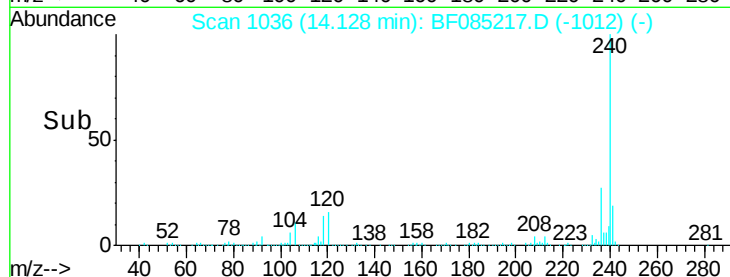
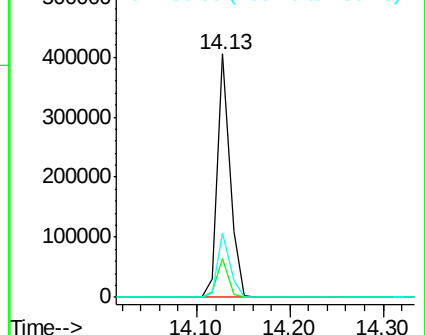
236 26.6 20.7 31.1



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: 92.63 ng

RT: 13.09 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF085217.D

Acq: 4 Mar 2016 22:01

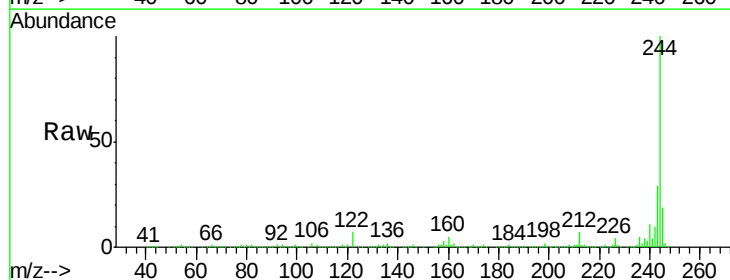
Tgt Ion:244 Resp: 1516996

Ion Ratio Lower Upper

244 100

212 6.7 6.4 9.6

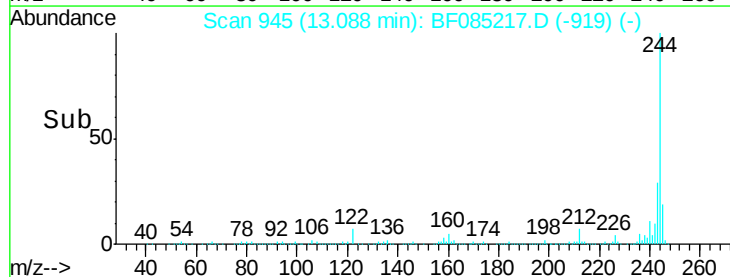
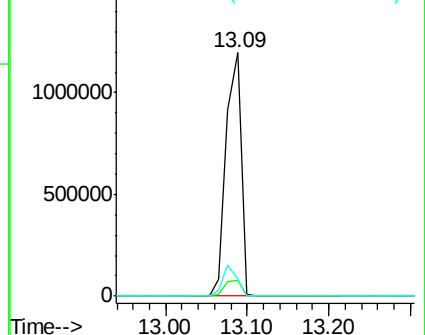
122 7.0 11.4 17.2#

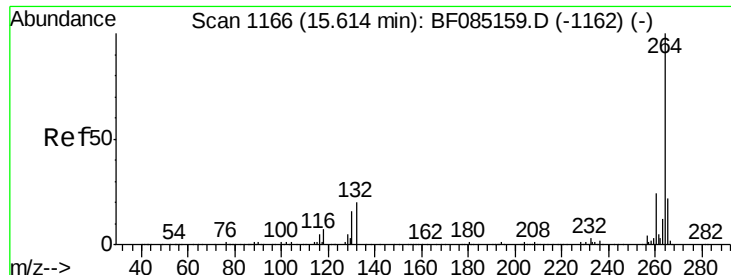


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

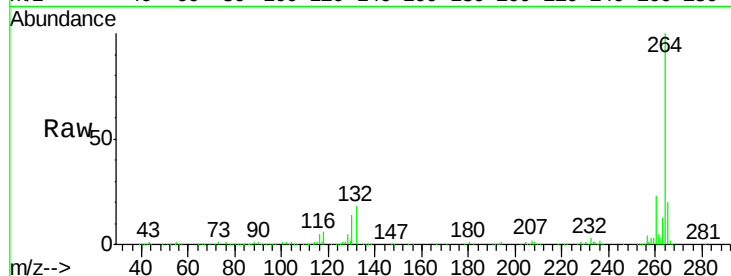




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.60 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF085217.D
Acq: 4 Mar 2016 22:01

Instrument :
BNA_F
ClientSampleId :
RW-48-S2-GRID-4

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	20.4	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

