

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031716\
 Data File : BF085518.D
 Acq On : 18 Mar 2016 3:53
 Operator : UM/SJ
 Sample : H1774-18
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-10-COMP

Quant Time: Mar 18 03:28:01 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

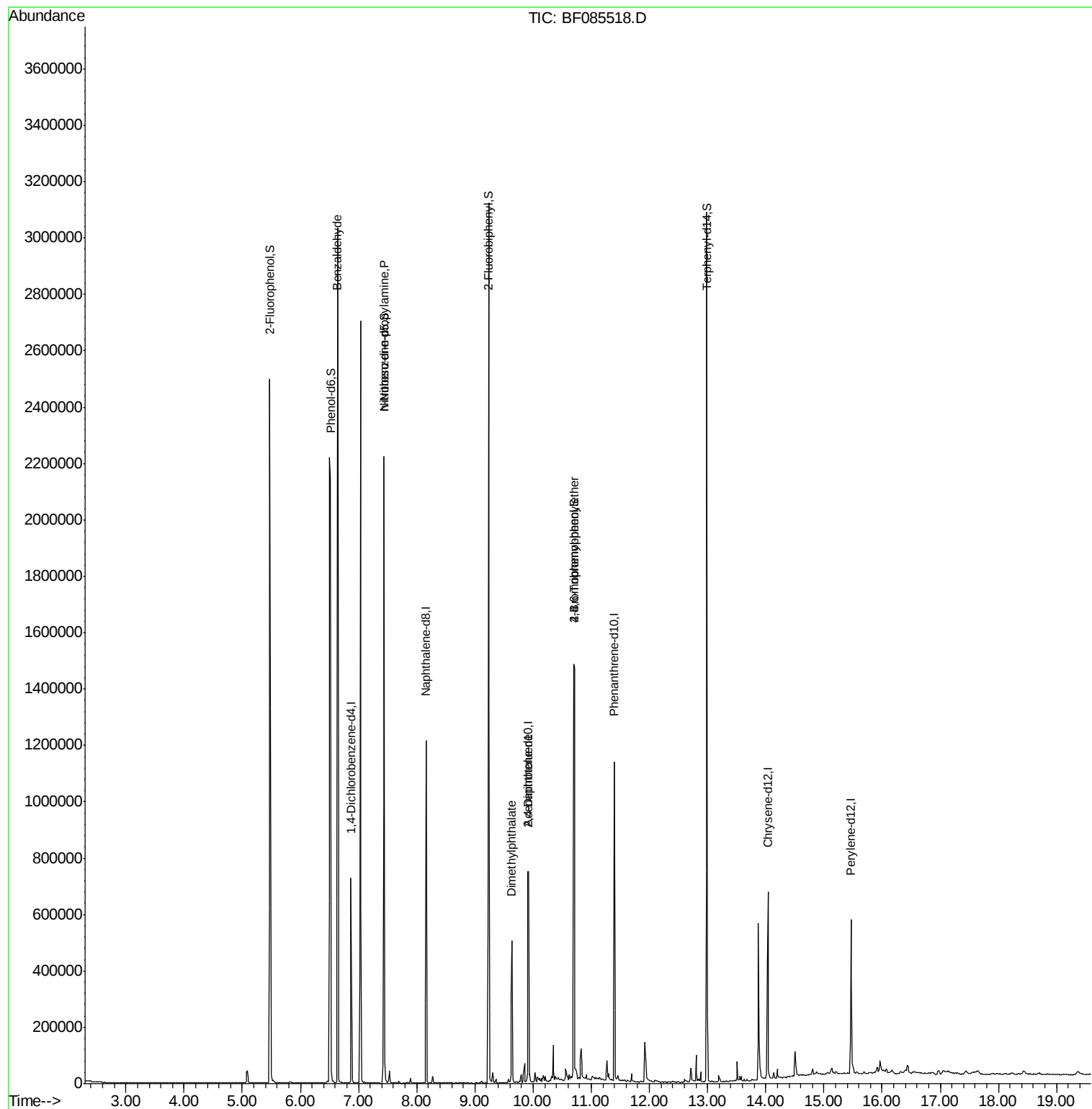
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	128024	20.00	ng	-0.05
21) Naphthalene-d8	8.16	136	538967	20.00	ng	-0.05
38) Acenaphthene-d10	9.91	164	223070	20.00	ng	-0.05
63) Phenanthrene-d10	11.40	188	397371	20.00	ng	-0.05
75) Chrysene-d12	14.04	240	275191	20.00	ng	-0.05
86) Perylene-d12	15.47	264	253815	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	987789	132.63	ng	-0.03
7) Phenol-d6	6.52	99	1381334	142.98	ng	-0.03
23) Nitrobenzene-d5	7.44	82	831409	91.21	ng	-0.05
41) 2,4,6-Tribromophenol	10.71	330	307968	149.89	ng	-0.05
44) 2-Fluorobiphenyl	9.24	172	1194900	92.93	ng	-0.05
78) Terphenyl-d14	12.99	244	917538	75.42	ng	-0.05
Target Compounds						
9) Benzaldehyde	6.64	77	20769	3.85	ng	Qvalue 81
19) n-Nitroso-di-n-propylamine	7.44	70	109671	18.96	ng	# 78
49) Dimethylphthalate	9.64	163	265220	16.30	ng	98
56) 2,4-Dinitrotoluene	9.91	165	28444	6.31	ng	# 21
66) 4-Bromophenyl-phenylether	10.71	248	18460	4.59	ng	# 1

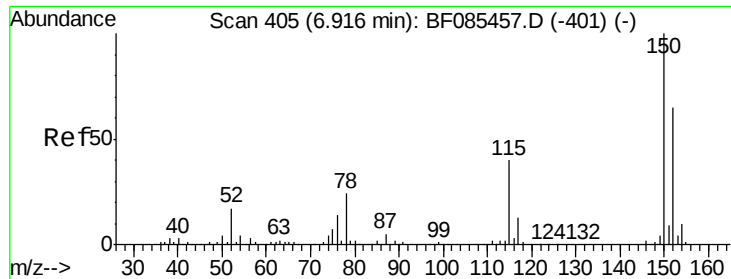
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Mar 15 18:57:05 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.87 min Scan# 401

Delta R.T. -0.05 min

Lab File: BF085518.D

Acq: 18 Mar 2016 3:53

Instrument :

BNA_F

ClientSampleId :

SB-10-COMP

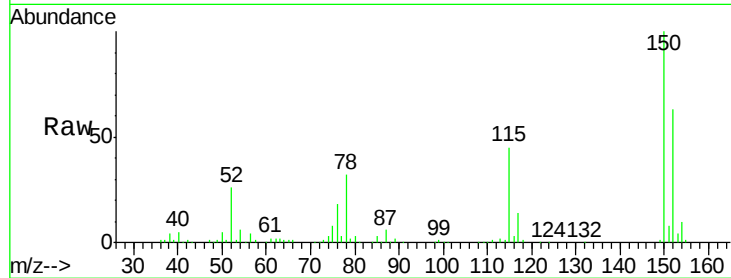
Tgt Ion:152 Resp: 128024

Ion Ratio Lower Upper

152 100

150 157.7 124.6 186.8

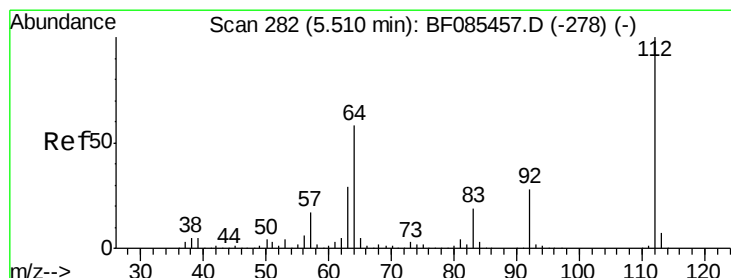
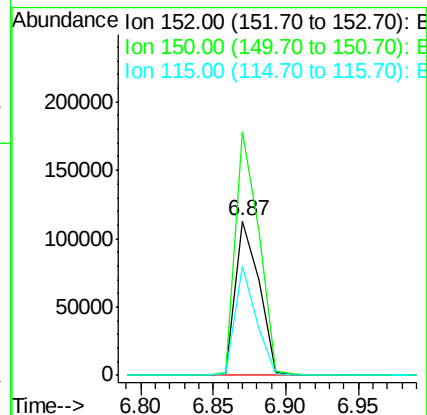
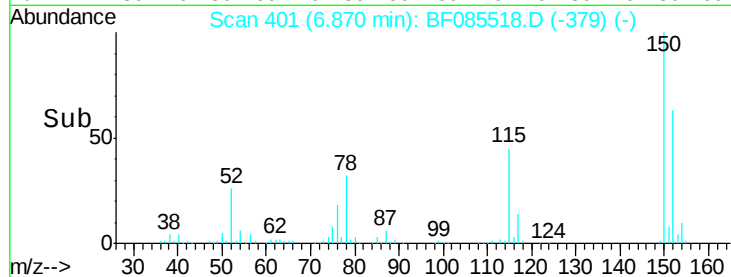
115 70.6 46.6 70.0#



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: 132.63 ng

RT: 5.48 min Scan# 279

Delta R.T. -0.03 min

Lab File: BF085518.D

Acq: 18 Mar 2016 3:53

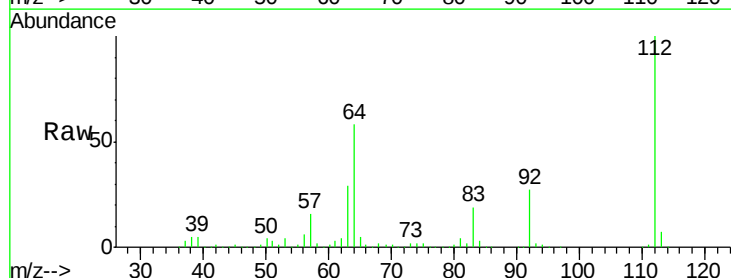
Tgt Ion:112 Resp: 987789

Ion Ratio Lower Upper

112 100

64 57.6 49.0 73.4

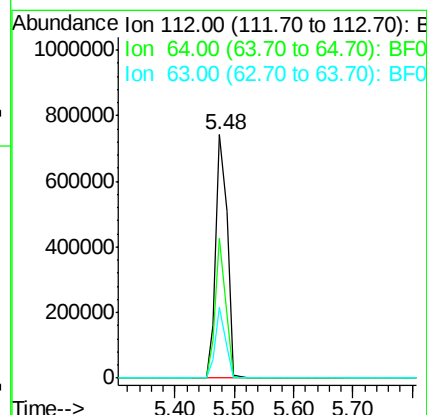
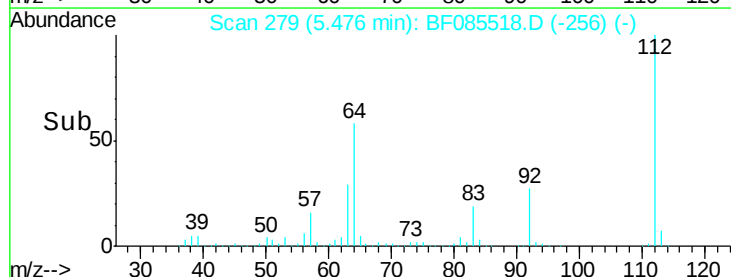
63 29.2 24.8 37.2

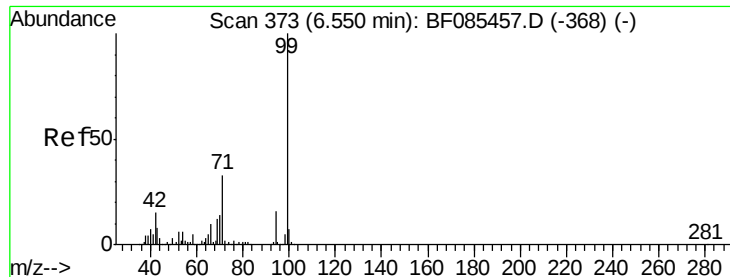


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 142.98 ng

RT: 6.52 min Scan# 370

Delta R.T. -0.03 min

Lab File: BF085518.D

Acq: 18 Mar 2016 3:53

Instrument :

BNA_F

ClientSampleId :

SB-10-COMP

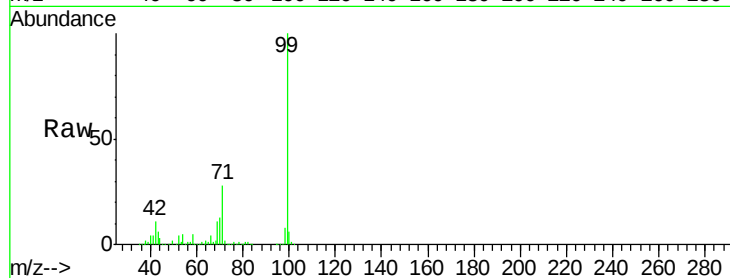
Tgt Ion: 99 Resp: 1381334

Ion Ratio Lower Upper

99 100

42 11.3 13.6 20.4#

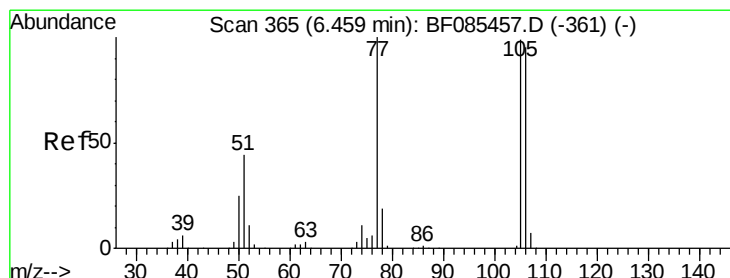
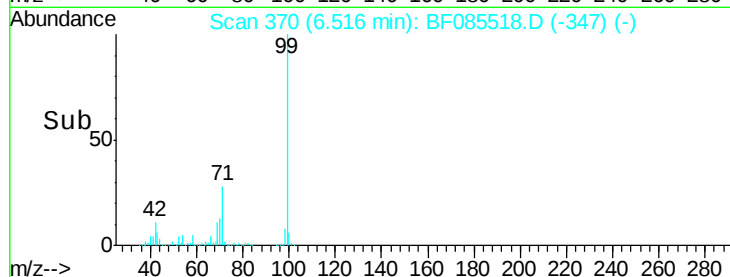
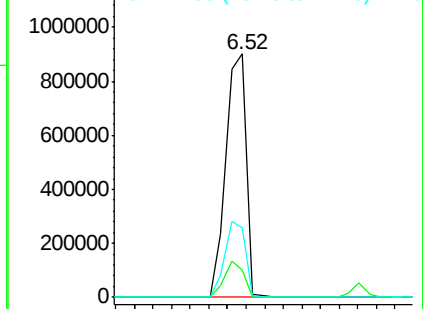
71 28.4 26.7 40.1



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: 3.85 ng

RT: 6.64 min Scan# 381

Delta R.T. 0.18 min

Lab File: BF085518.D

Acq: 18 Mar 2016 3:53

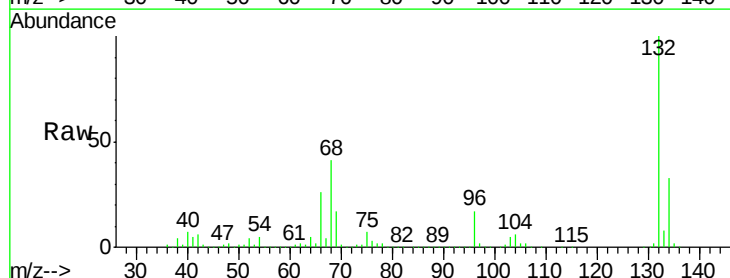
Tgt Ion: 77 Resp: 20769

Ion Ratio Lower Upper

77 100

105 78.6 78.2 118.2

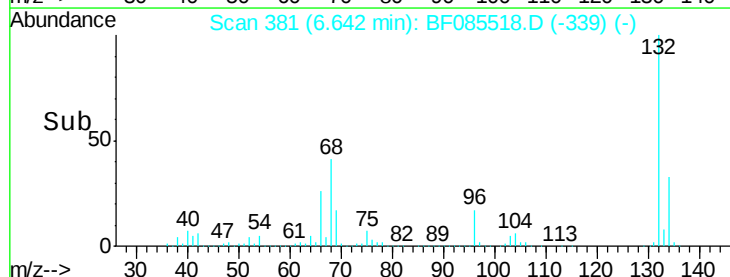
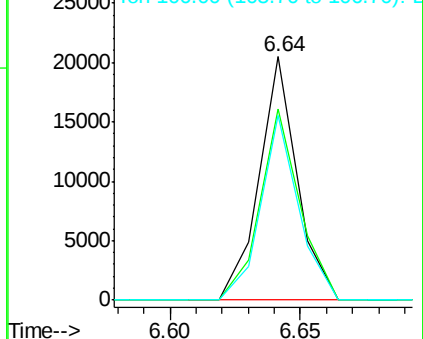
106 76.0 72.9 112.9

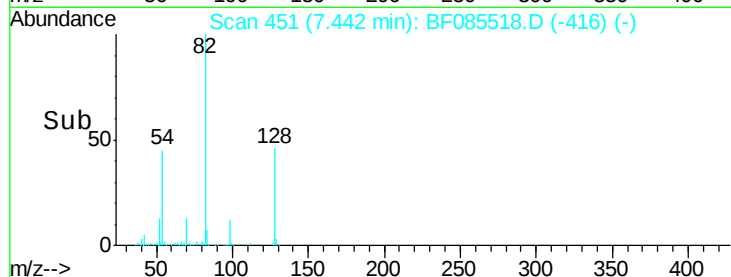
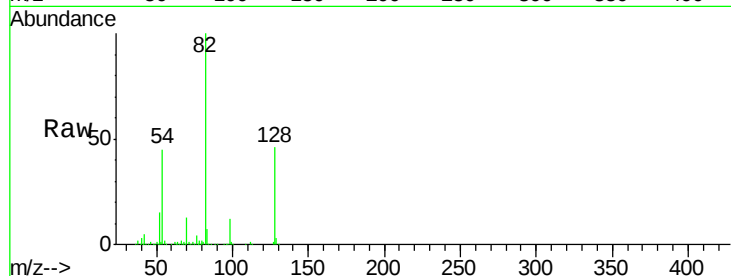
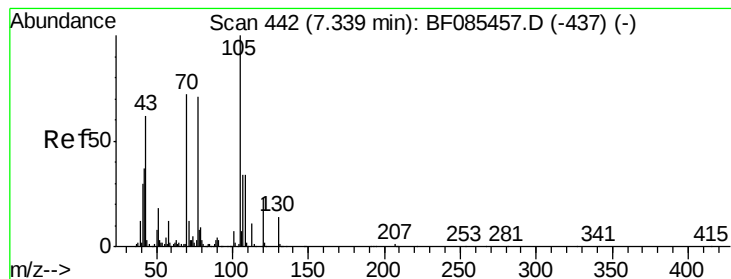


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 18.96 ng

RT: 7.44 min Scan# 451

Delta R.T. 0.10 min

Lab File: BF085518.D

Acq: 18 Mar 2016 3:53

Instrument :

BNA_F

ClientSampleId :

SB-10-COMP

Tgt Ion: 70 Resp: 109671

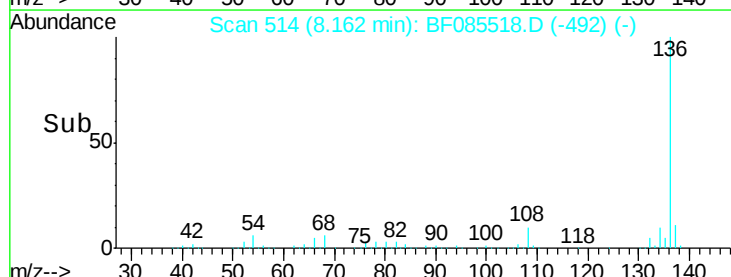
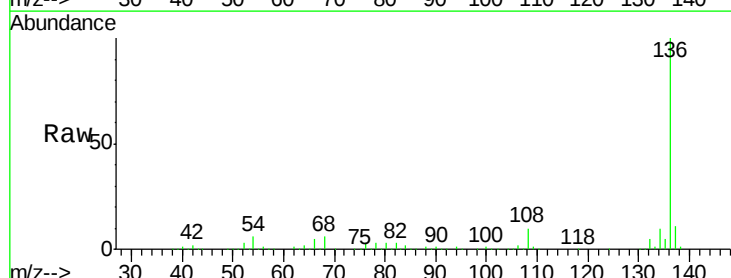
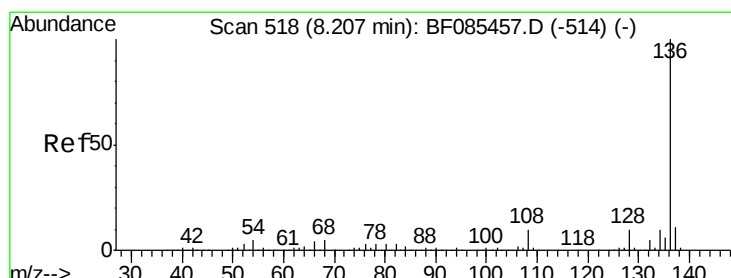
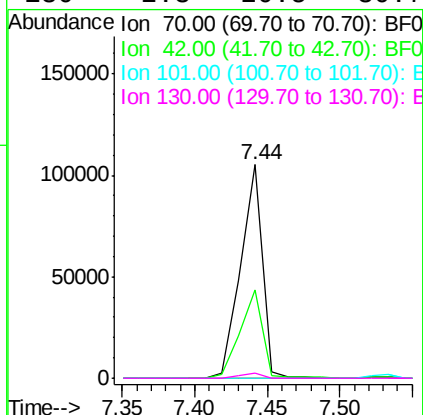
Ion Ratio Lower Upper

70 100

42 41.5 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: 8.16 min Scan# 514

Delta R.T. -0.05 min

Lab File: BF085518.D

Acq: 18 Mar 2016 3:53

Tgt Ion: 136 Resp: 538967

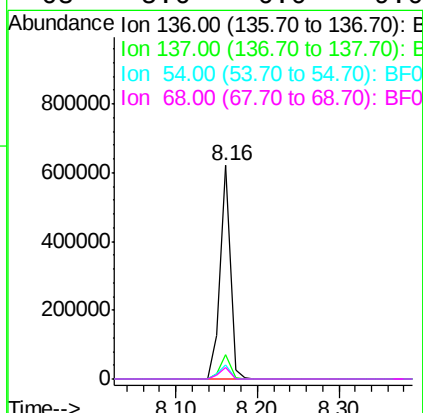
Ion Ratio Lower Upper

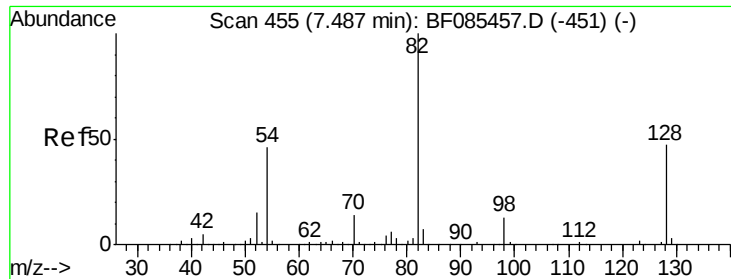
136 100

137 11.1 9.3 13.9

54 6.3 7.4 11.2#

68 5.6 6.0 9.0#

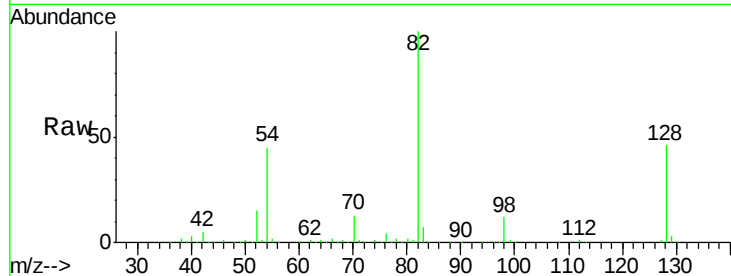




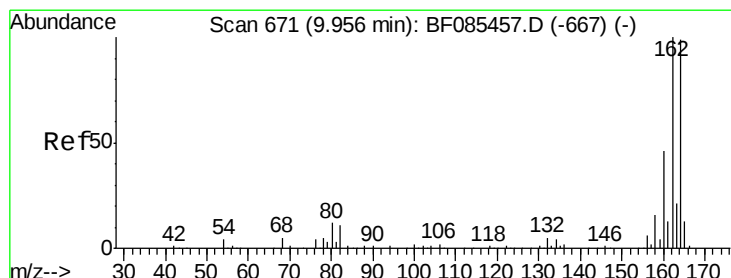
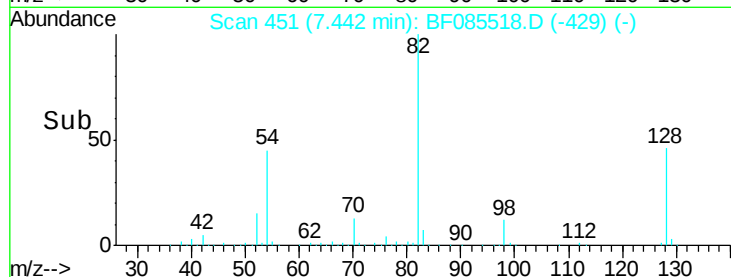
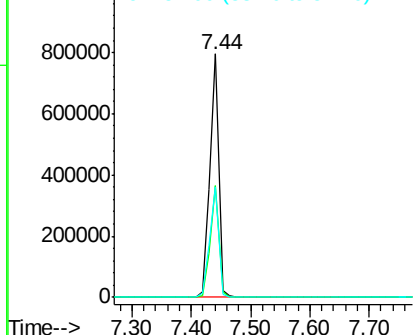
#23
 Nitrobenzene-d5
 Concen: 91.21 ng
 RT: 7.44 min Scan# 451
 Delta R.T. -0.05 min
 Lab File: BF085518.D
 Acq: 18 Mar 2016 3:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-10-COMP

Tgt Ion: 82 Resp: 831409
 Ion Ratio Lower Upper
 82 100
 128 45.8 34.5 51.7
 54 45.3 39.3 58.9

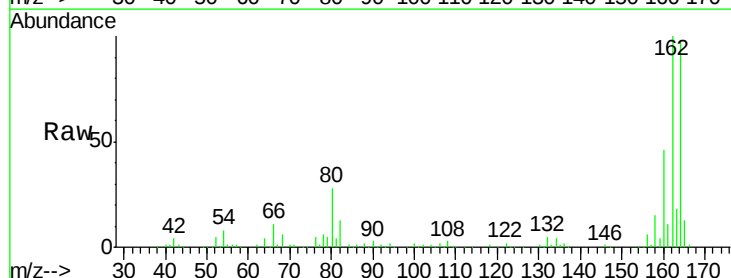


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

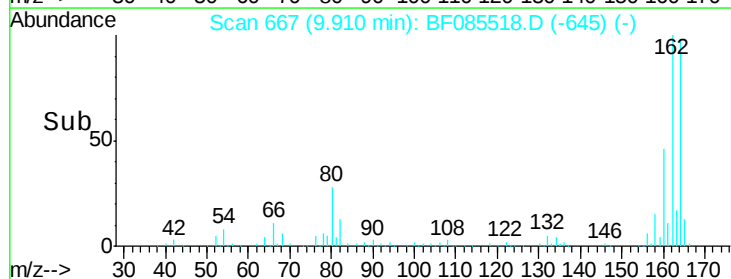
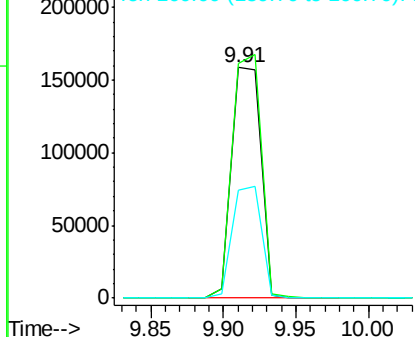


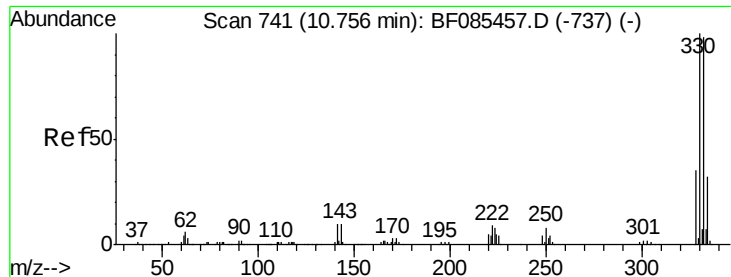
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.91 min Scan# 667
 Delta R.T. -0.05 min
 Lab File: BF085518.D
 Acq: 18 Mar 2016 3:53

Tgt Ion: 164 Resp: 223070
 Ion Ratio Lower Upper
 164 100
 162 101.9 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

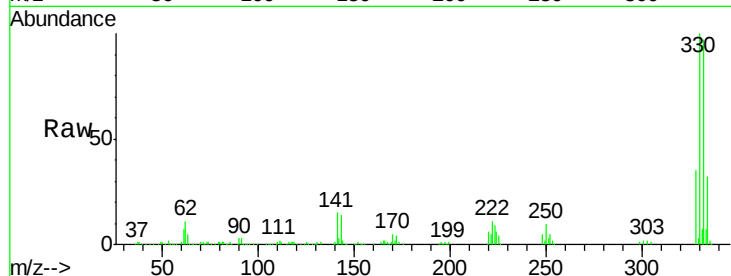




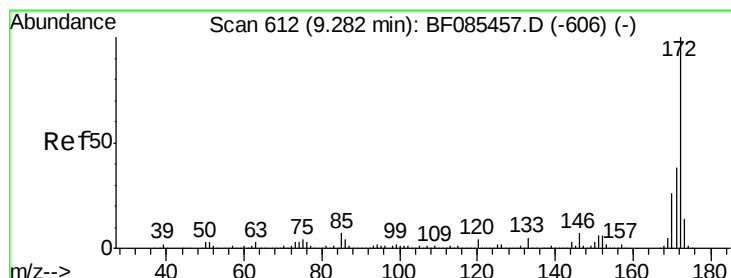
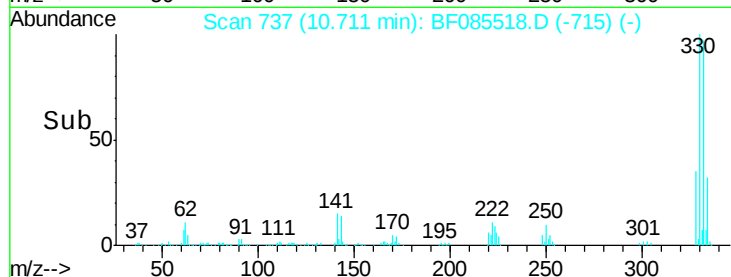
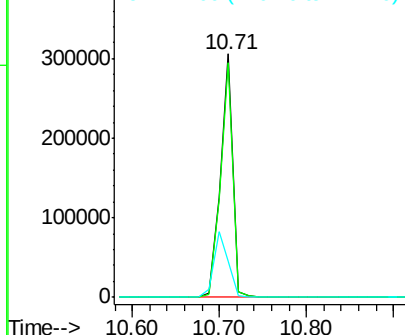
#41
 2,4,6-Tribromophenol
 Concen: 149.89 ng
 RT: 10.71 min Scan# 737
 Delta R.T. -0.05 min
 Lab File: BF085518.D
 Acq: 18 Mar 2016 3:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-10-COMP

Tgt Ion:330 Resp: 307968
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.1 115.7
 141 31.5 35.0 52.6#

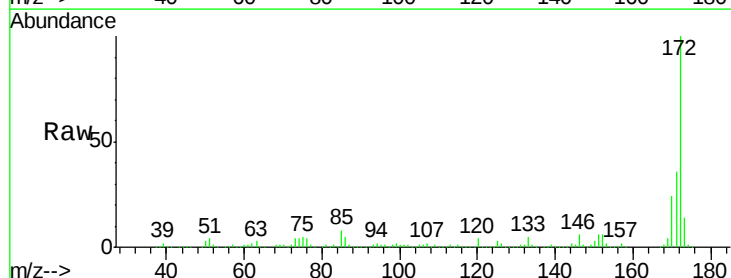


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

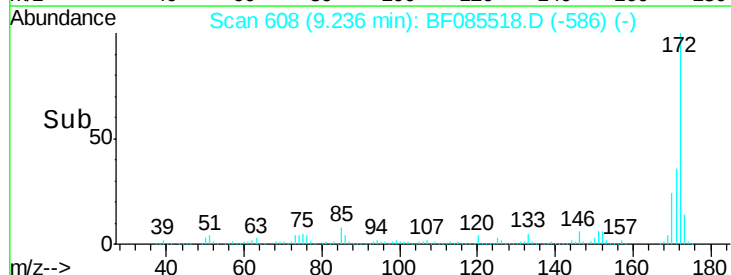
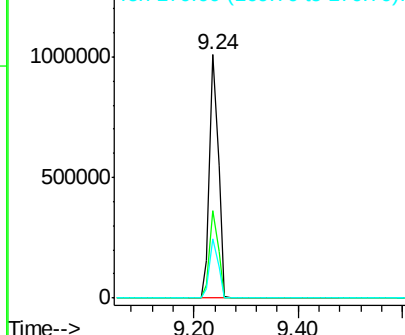


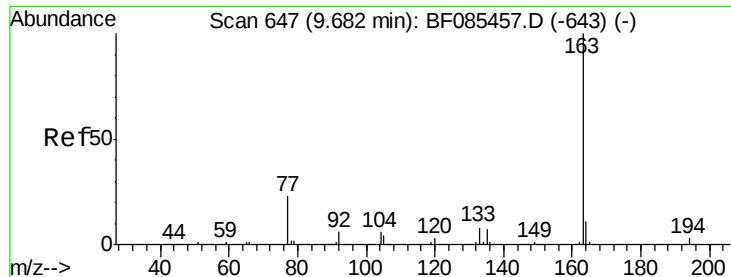
#44
 2-Fluorobiphenyl
 Concen: 92.93 ng
 RT: 9.24 min Scan# 608
 Delta R.T. -0.05 min
 Lab File: BF085518.D
 Acq: 18 Mar 2016 3:53

Tgt Ion:172 Resp: 1194900
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.3 43.9
 170 24.2 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

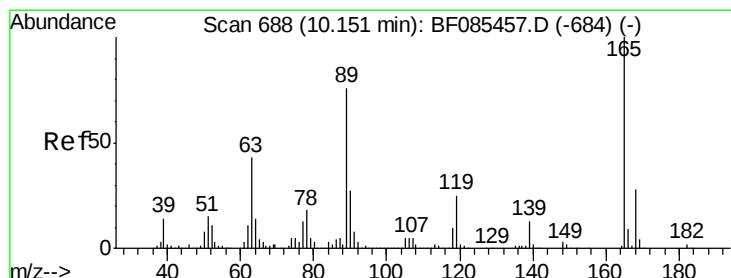
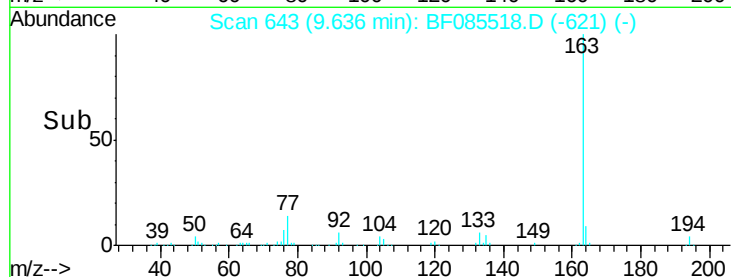
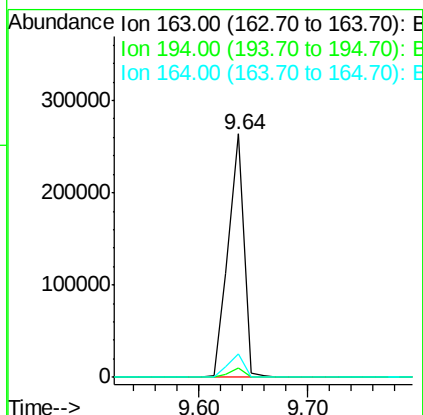
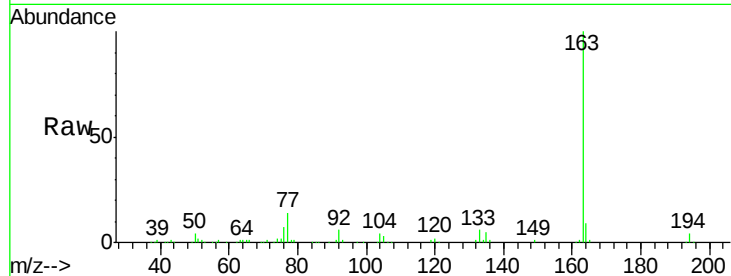




#49
Dimethylphthalate
Concen: 16.30 ng
RT: 9.64 min Scan# 643
Delta R.T. -0.05 min
Lab File: BF085518.D
Acq: 18 Mar 2016 3:53

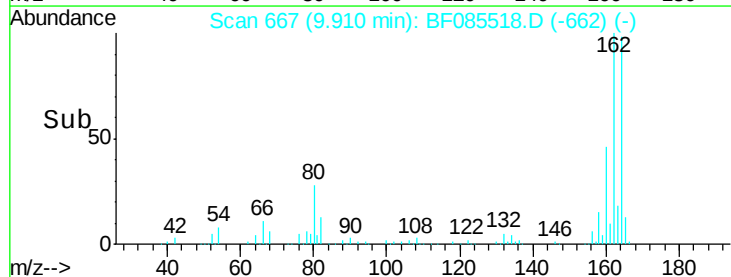
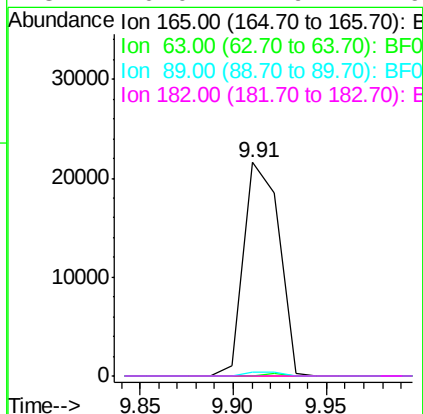
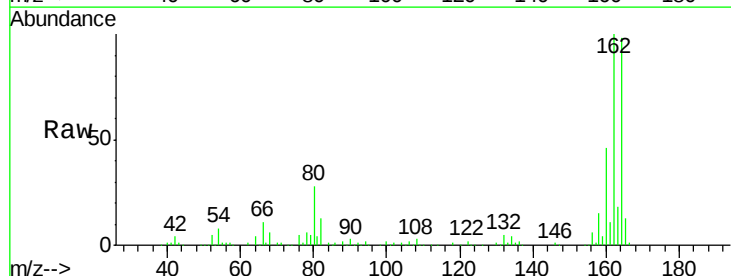
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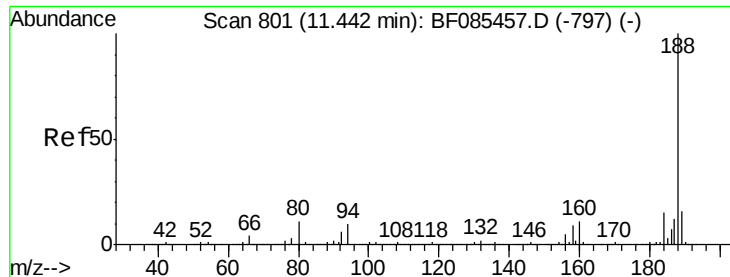
Tgt Ion:163 Resp: 265220
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 9.5 8.2 12.4



#56
2,4-Dinitrotoluene
Concen: 6.31 ng
RT: 9.91 min Scan# 667
Delta R.T. -0.24 min
Lab File: BF085518.D
Acq: 18 Mar 2016 3:53

Tgt Ion:165 Resp: 28444
Ion Ratio Lower Upper
165 100
63 0.0 35.4 53.0#
89 1.7 61.9 92.9#
182 0.0 1.9 2.9#

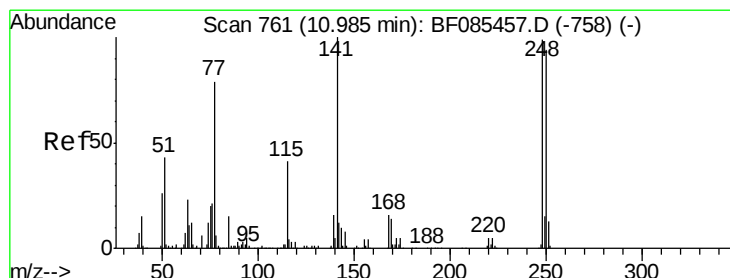
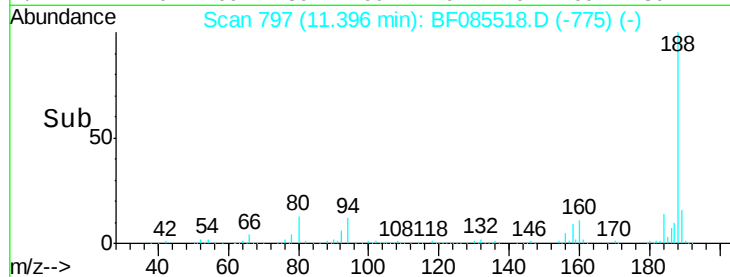
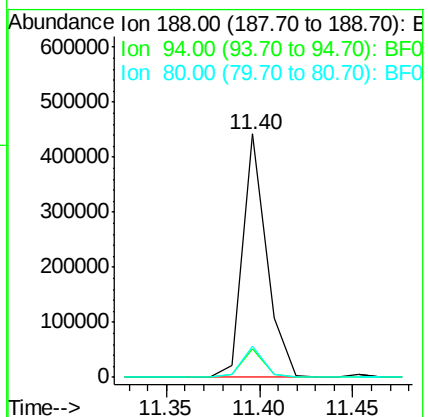
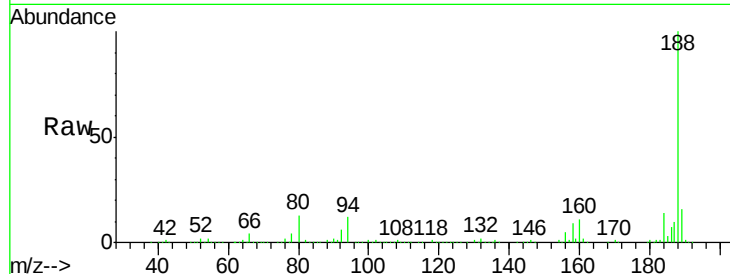




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 797
Delta R.T. -0.05 min
Lab File: BF085518.D
Acq: 18 Mar 2016 3:53

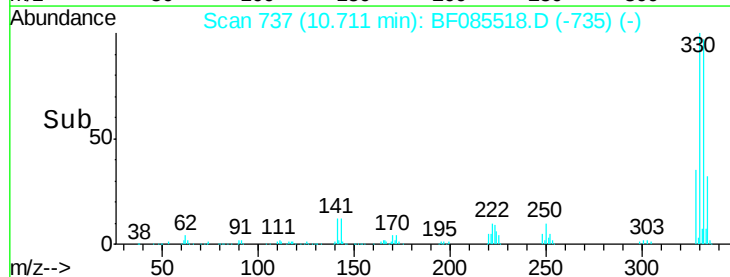
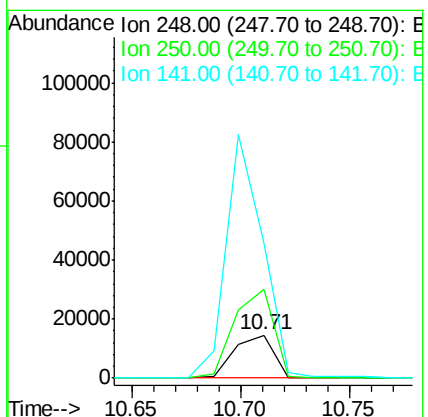
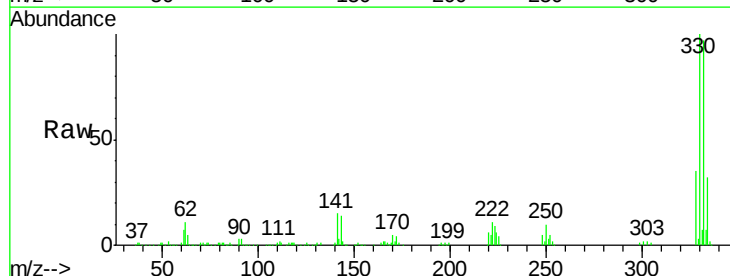
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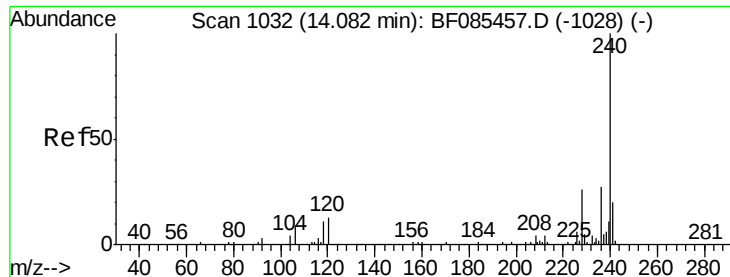
Tgt Ion:188 Resp: 397371
Ion Ratio Lower Upper
188 100
94 11.9 7.0 10.6#
80 12.6 7.4 11.0#



#66
4-Bromophenyl-phenylether
Concen: 4.59 ng
RT: 10.71 min Scan# 737
Delta R.T. -0.27 min
Lab File: BF085518.D
Acq: 18 Mar 2016 3:53

Tgt Ion:248 Resp: 18460
Ion Ratio Lower Upper
248 100
250 207.1 77.1 115.7#
141 311.9 66.2 99.2#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 1028

Delta R.T. -0.05 min

Lab File: BF085518.D

Acq: 18 Mar 2016 3:53

Instrument :

BNA_F

ClientSampleId :

SB-10-COMP

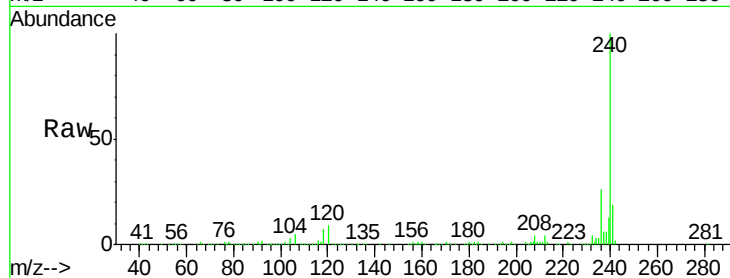
Tgt Ion:240 Resp: 275191

Ion Ratio Lower Upper

240 100

120 8.5 5.3 7.9#

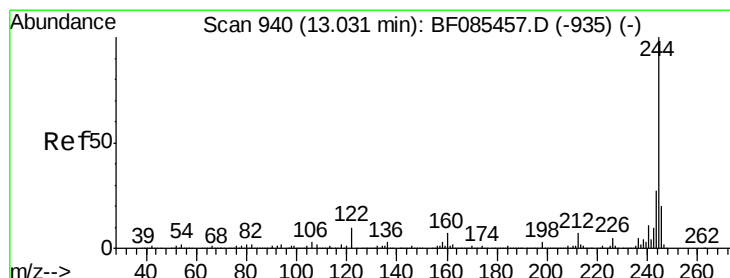
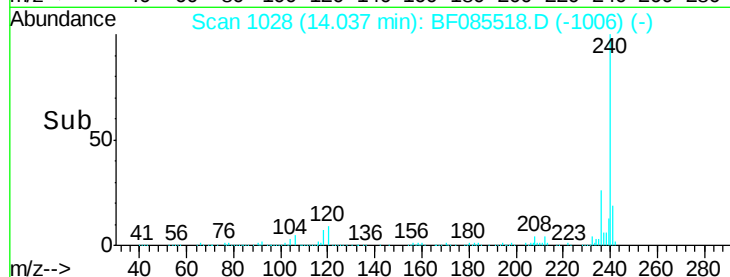
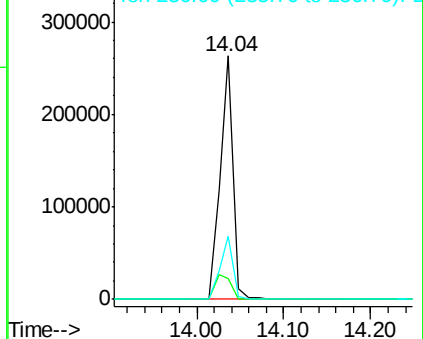
236 26.0 20.7 31.1



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: 75.42 ng

RT: 12.99 min Scan# 936

Delta R.T. -0.05 min

Lab File: BF085518.D

Acq: 18 Mar 2016 3:53

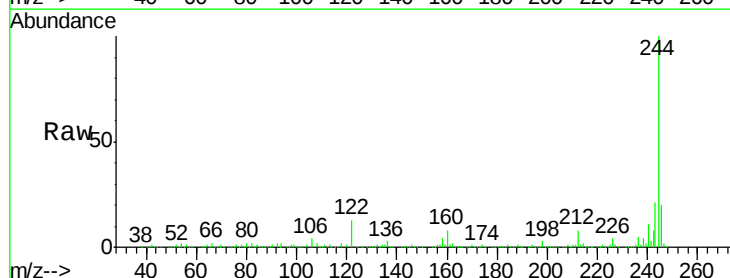
Tgt Ion:244 Resp: 917538

Ion Ratio Lower Upper

244 100

212 7.6 6.4 9.6

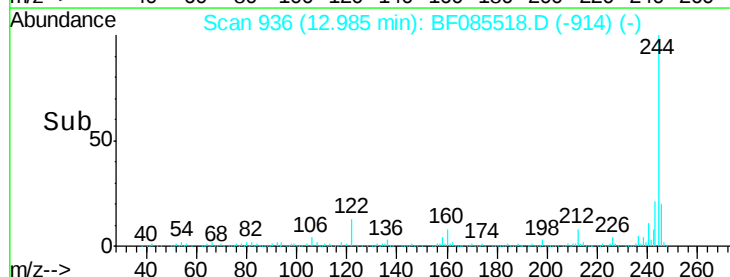
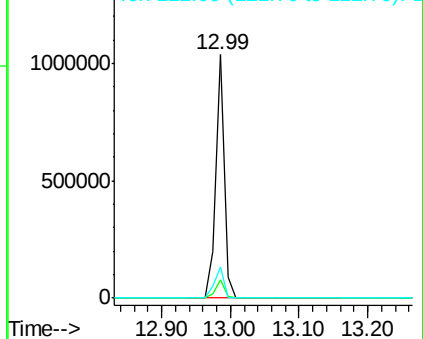
122 12.6 11.4 17.2

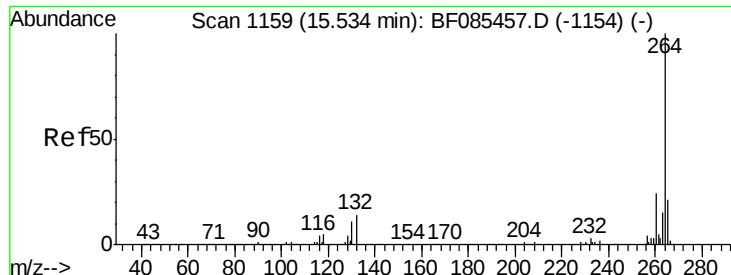


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.47 min Scan# 1153
Delta R.T. -0.07 min
Lab File: BF085518.D
Acq: 18 Mar 2016 3:53

Instrument :
BNA_F
ClientSampleId :
SB-10-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.2	17.3	25.9

