

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
 Data File : BF085282.D
 Acq On : 9 Mar 2016 3:43
 Operator : UM/SJ
 Sample : H1703-08
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-41COMP(0.5-5.0)

Quant Time: Mar 09 04:36:50 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

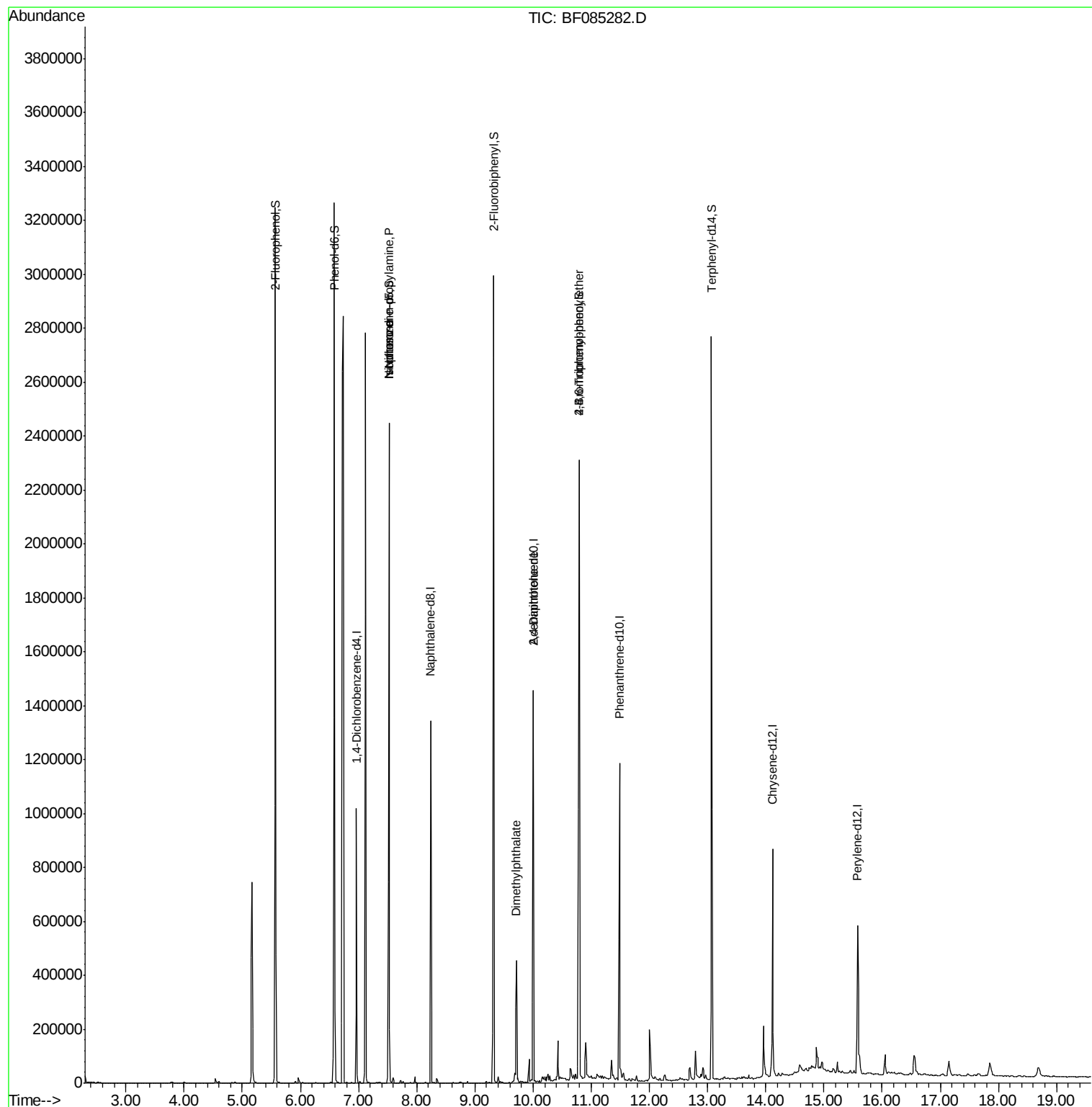
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	152361	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	579721	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	269430	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	475589	20.00	ng	-0.02
75) Chrysene-d12	14.12	240	261975	20.00	ng	-0.03
86) Perylene-d12	15.58	264	252106	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	986633	108.62	ng	-0.01
7) Phenol-d6	6.58	99	1272057	106.89	ng	-0.02
23) Nitrobenzene-d5	7.52	82	834735	77.05	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	289228	125.46	ng	-0.02
44) 2-Fluorobiphenyl	9.33	172	1392894	78.62	ng	-0.02
78) Terphenyl-d14	13.06	244	905976	80.28	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.58	77	1791	Below Cal	#	2
19) n-Nitroso-di-n-propylamine	7.52	70	109771	14.15	ng	# 79
25) Isophorone	7.52	82	644061	32.08	ng	# 67
49) Dimethylphthalate	9.72	163	232298	11.23	ng	99
56) 2,4-Dinitrotoluene	10.00	165	35301	6.23	ng	# 22
66) 4-Bromophenyl-phenylether	10.79	248	21485	4.65	ng	# 1

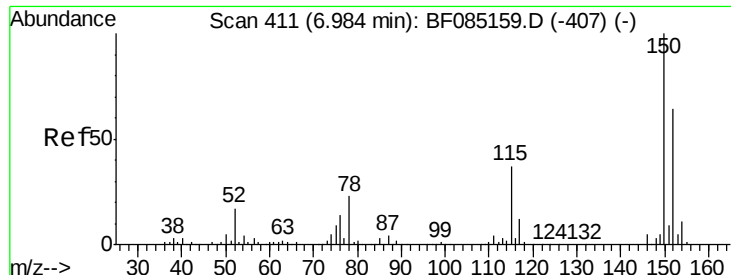
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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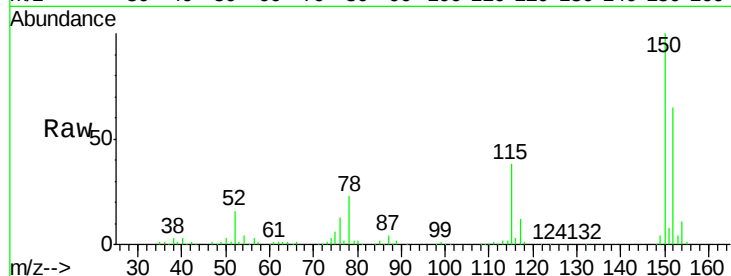




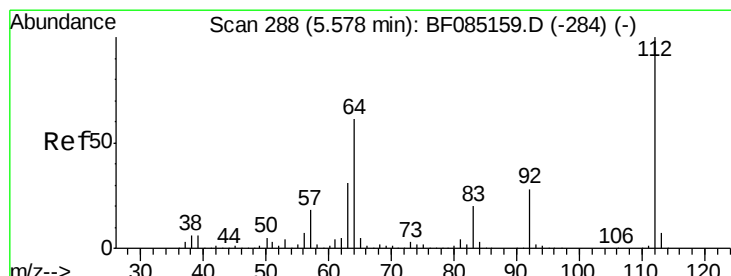
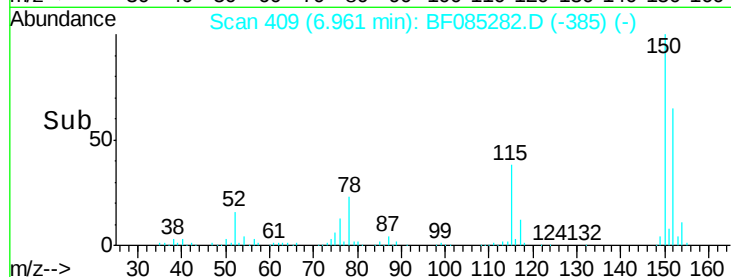
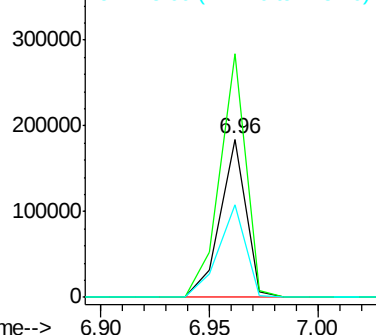
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.96 min Scan# 409
 Delta R.T. -0.02 min
 Lab File: BF085282.D
 Acq: 9 Mar 2016 3:43

Instrument :
 BNA_F
 ClientSampleId :
 SB-41COMP(0.5-5.0)

Tgt Ion:152 Resp: 152361
 Ion Ratio Lower Upper
 152 100
 150 154.0 124.6 186.8
 115 58.6 46.6 70.0

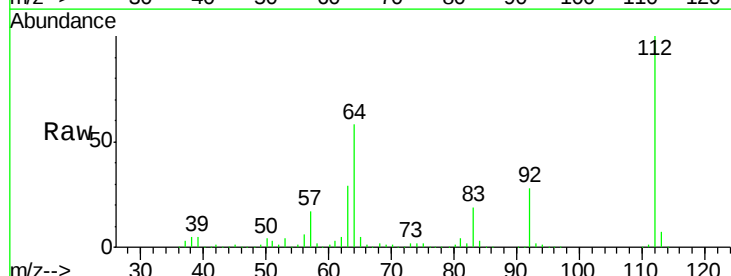


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

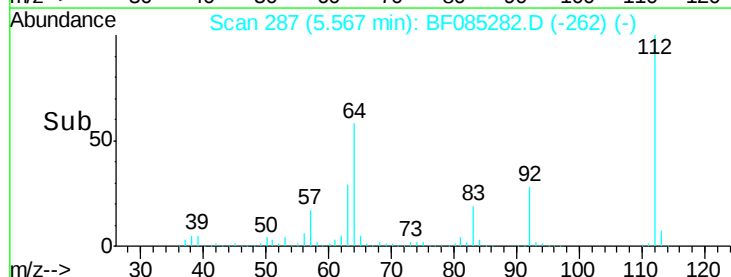
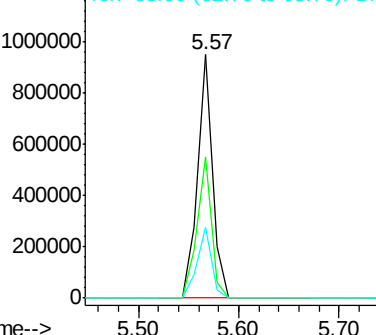


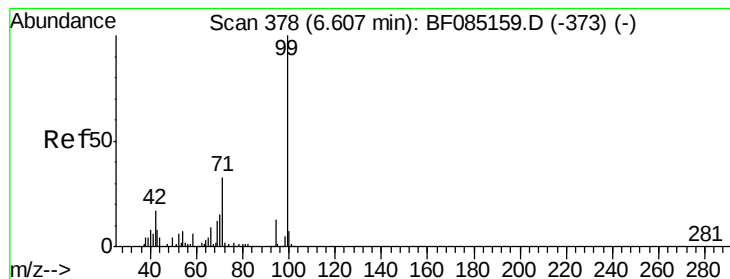
#5
 2-Fluorophenol
 Concen: 108.62 ng
 RT: 5.57 min Scan# 287
 Delta R.T. -0.01 min
 Lab File: BF085282.D
 Acq: 9 Mar 2016 3:43

Tgt Ion:112 Resp: 986633
 Ion Ratio Lower Upper
 112 100
 64 58.2 49.0 73.4
 63 29.3 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: 106.89 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF085282.D

Acq: 9 Mar 2016 3:43

Instrument :

BNA_F

ClientSampleId :

SB-41COMP(0.5-5.0)

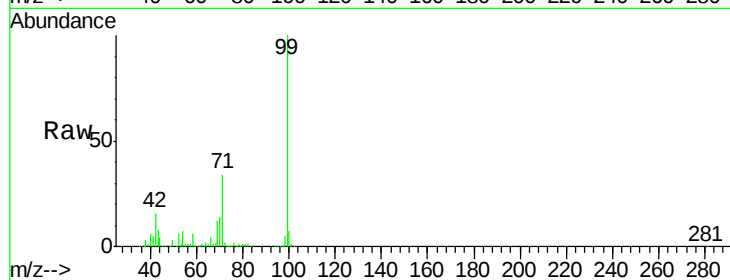
Tgt Ion: 99 Resp: 1272057

Ion Ratio Lower Upper

99 100

42 16.0 13.6 20.4

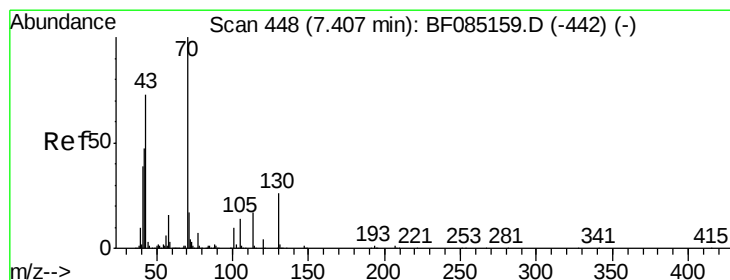
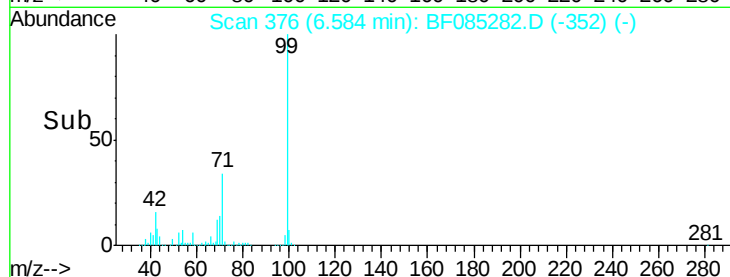
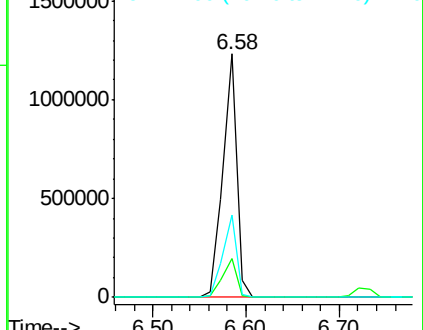
71 33.7 26.7 40.1



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.15 ng

RT: 7.52 min Scan# 458

Delta R.T. 0.11 min

Lab File: BF085282.D

Acq: 9 Mar 2016 3:43

Tgt Ion: 70 Resp: 109771

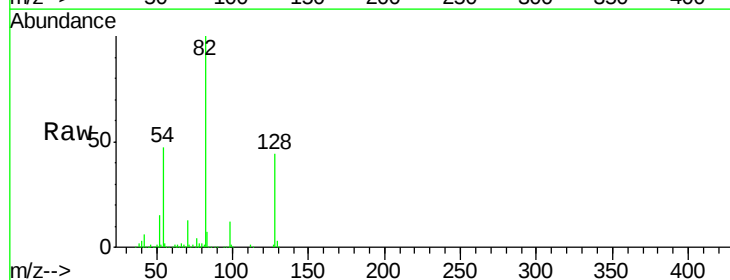
Ion Ratio Lower Upper

70 100

42 43.1 37.7 56.5

101 0.0 8.2 12.4#

130 2.1 20.5 30.7#

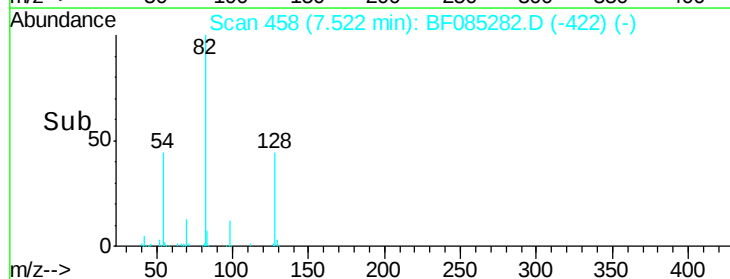
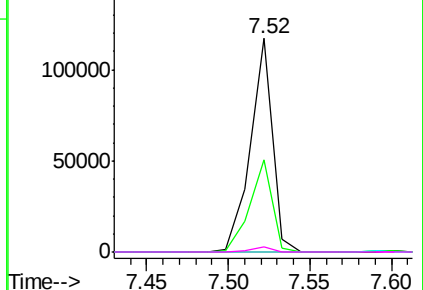


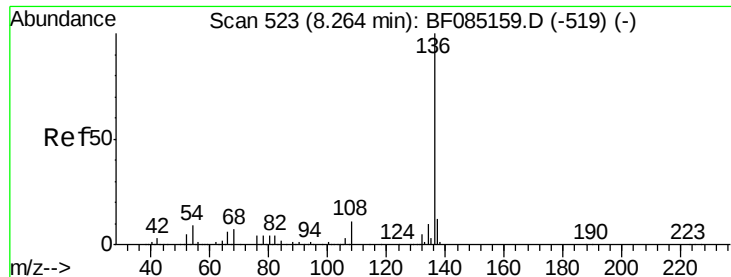
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

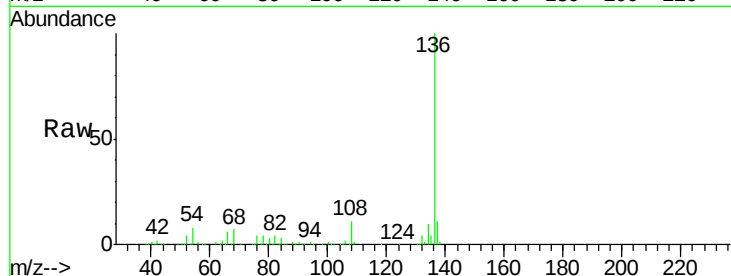




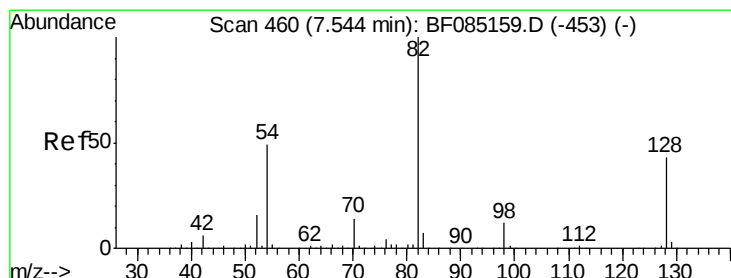
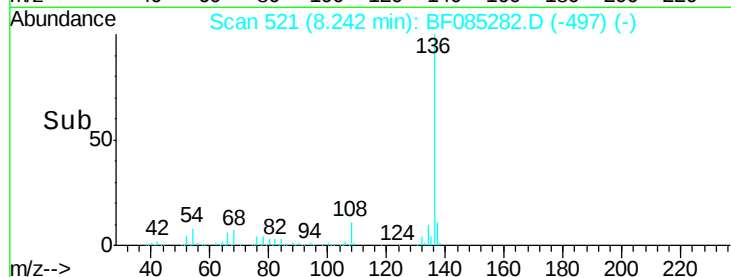
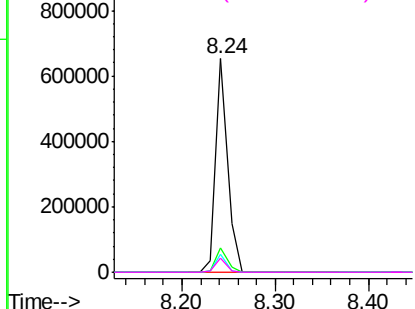
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 521
Delta R.T. -0.02 min
Lab File: BF085282.D
Acq: 9 Mar 2016 3:43

Instrument :
BNA_F
ClientSampleId :
SB-41COMP(0.5-5.0)

Tgt Ion:	136	Resp:	579721
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	8.4	7.4	11.2
68	6.8	6.0	9.0

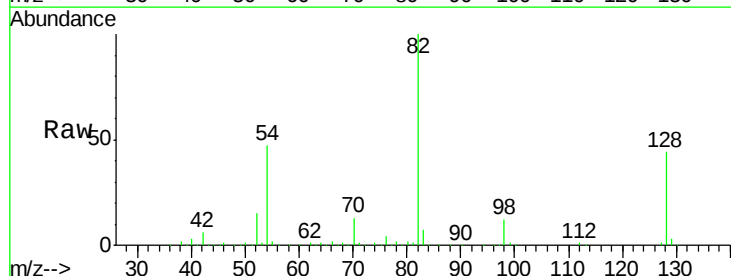


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

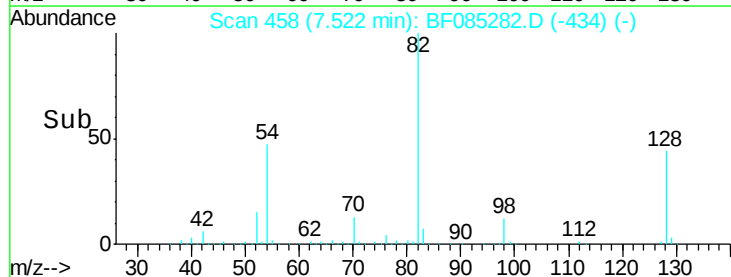
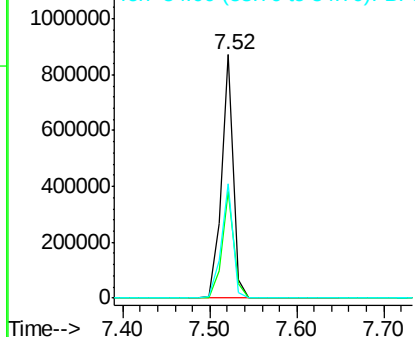


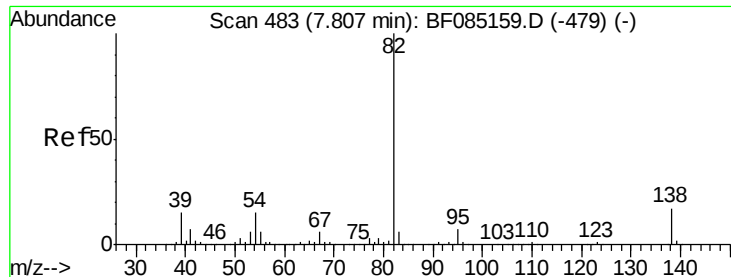
#23
Nitrobenzene-d5
Concen: 77.05 ng
RT: 7.52 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF085282.D
Acq: 9 Mar 2016 3:43

Tgt Ion:	82	Resp:	834735
Ion	Ratio	Lower	Upper
82	100		
128	43.9	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





#25

Isophorone

Concen: 32.08 ng

RT: 7.52 min Scan# 458

Delta R.T. -0.29 min

Lab File: BF085282.D

Acq: 9 Mar 2016 3:43

Instrument :

BNA_F

ClientSampleId :

SB-41COMP(0.5-5.0)

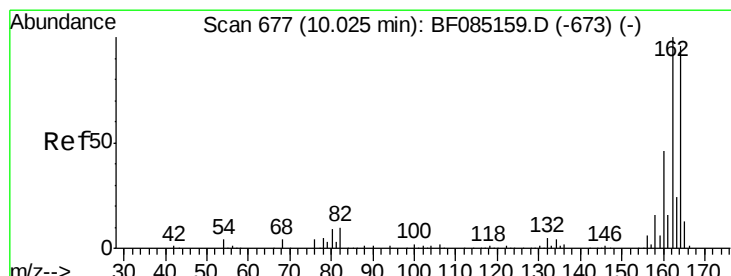
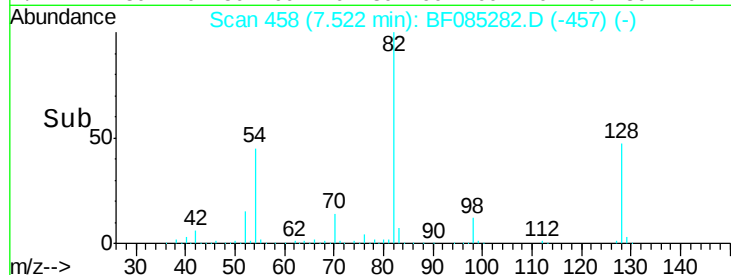
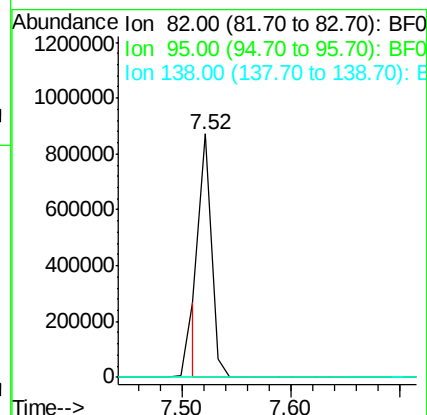
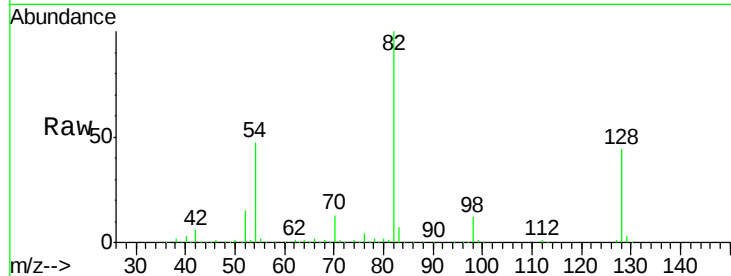
Tgt Ion: 82 Resp: 644061

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: 10.00 min Scan# 675

Delta R.T. -0.02 min

Lab File: BF085282.D

Acq: 9 Mar 2016 3:43

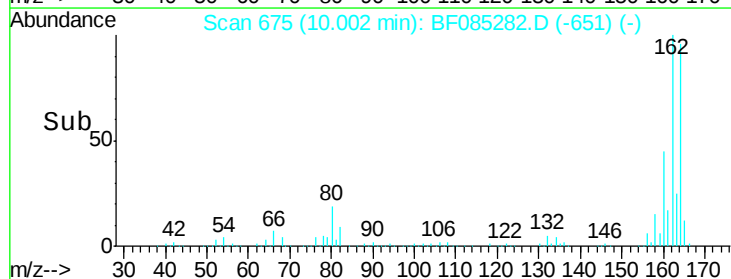
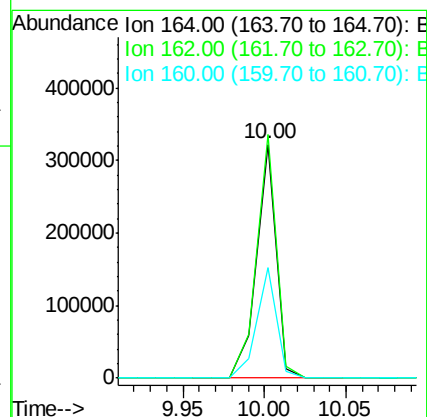
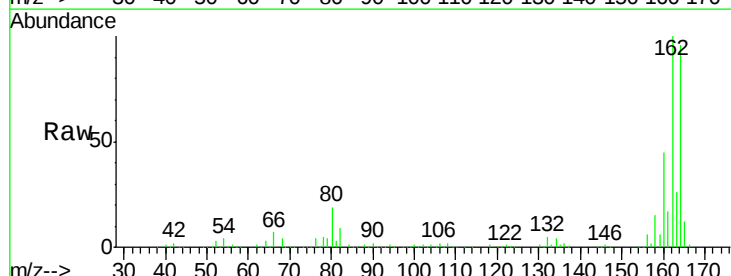
Tgt Ion: 164 Resp: 269430

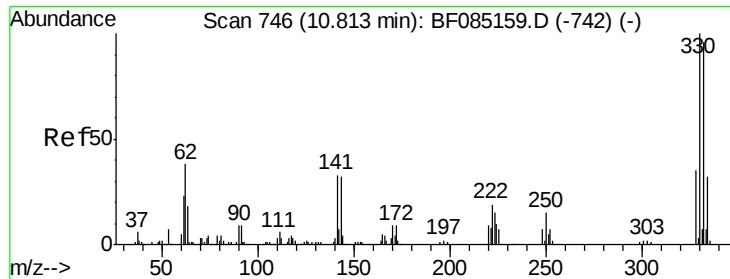
Ion Ratio Lower Upper

164 100

162 104.3 83.3 124.9

160 47.1 37.9 56.9

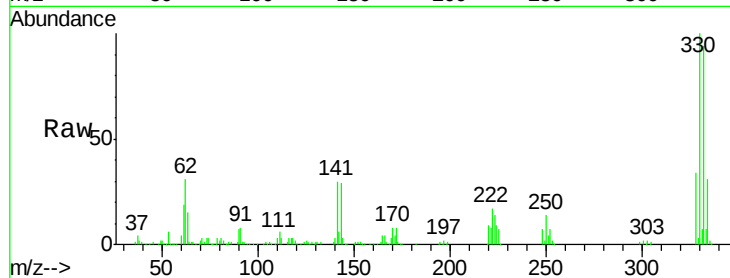




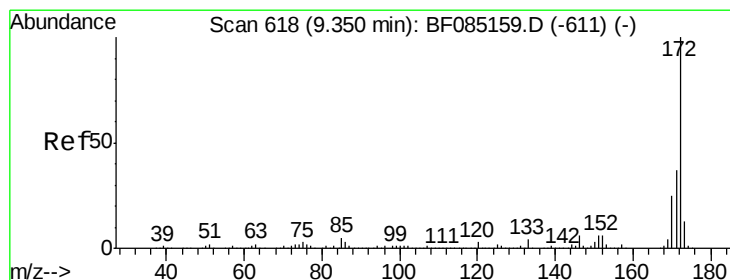
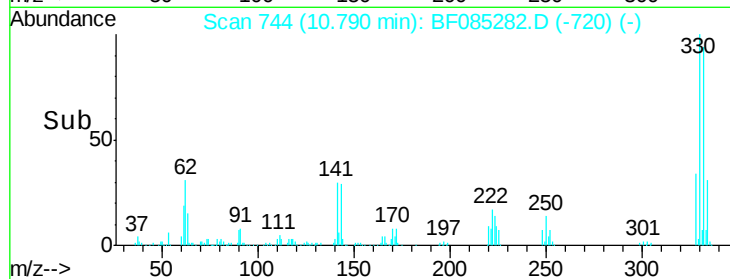
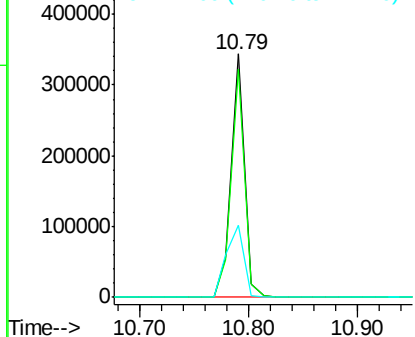
#41
 2,4,6-Tribromophenol
 Concen: 125.46 ng
 RT: 10.79 min Scan# 744
 Delta R.T. -0.02 min
 Lab File: BF085282.D
 Acq: 9 Mar 2016 3:43

Instrument :
 BNA_F
 ClientSampleId :
 SB-41COMP(0.5-5.0)

Tgt Ion:330 Resp: 289228
 Ion Ratio Lower Upper
 330 100
 332 94.2 77.1 115.7
 141 39.5 35.0 52.6

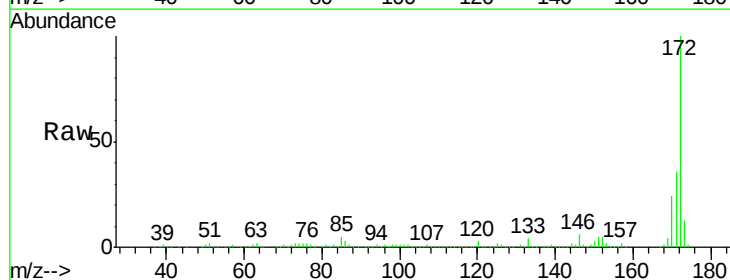


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

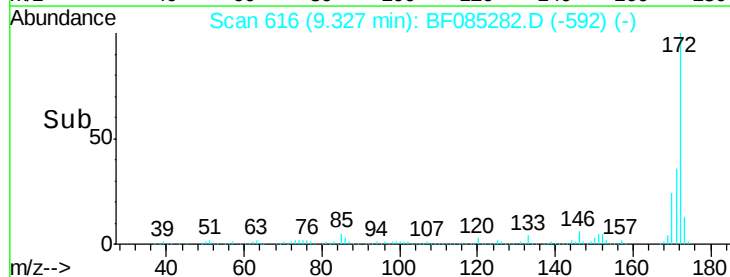
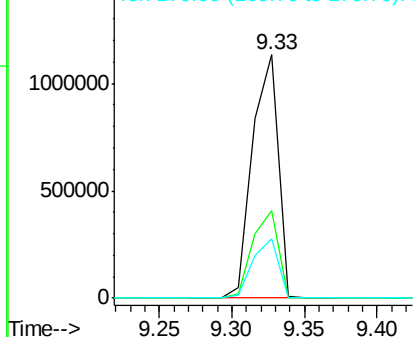


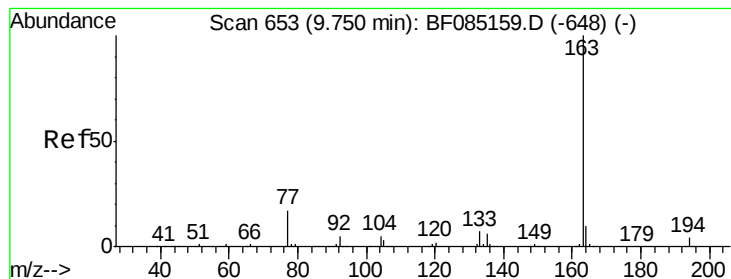
#44
 2-Fluorobiphenyl
 Concen: 78.62 ng
 RT: 9.33 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF085282.D
 Acq: 9 Mar 2016 3:43

Tgt Ion:172 Resp: 1392894
 Ion Ratio Lower Upper
 172 100
 171 36.1 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: 11.23 ng

RT: 9.72 min Scan# 650

Delta R.T. -0.03 min

Lab File: BF085282.D

Acq: 9 Mar 2016 3:43

Instrument :

BNA_F

ClientSampleId :

SB-41COMP(0.5-5.0)

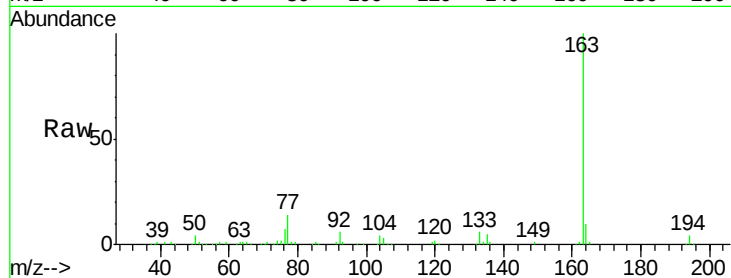
Tgt Ion:163 Resp: 232298

Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

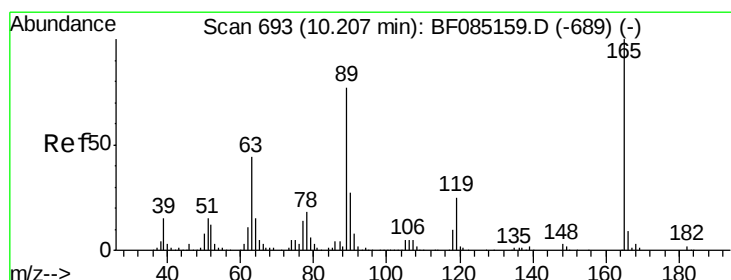
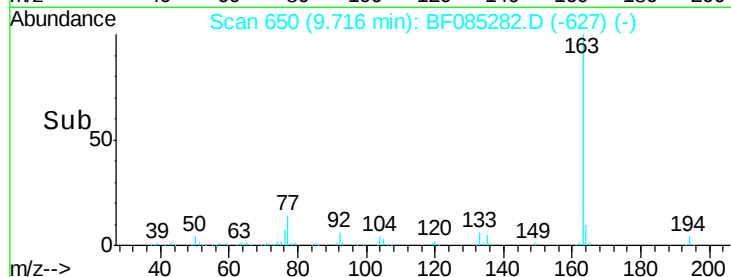
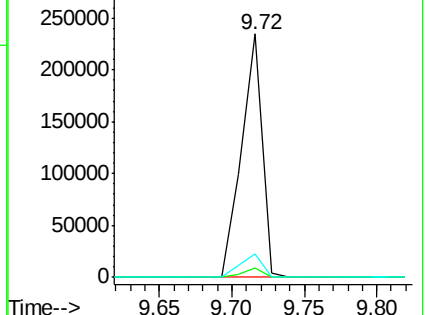
164 9.8 8.2 12.4



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: 6.23 ng

RT: 10.00 min Scan# 675

Delta R.T. -0.21 min

Lab File: BF085282.D

Acq: 9 Mar 2016 3:43

Tgt Ion:165 Resp: 35301

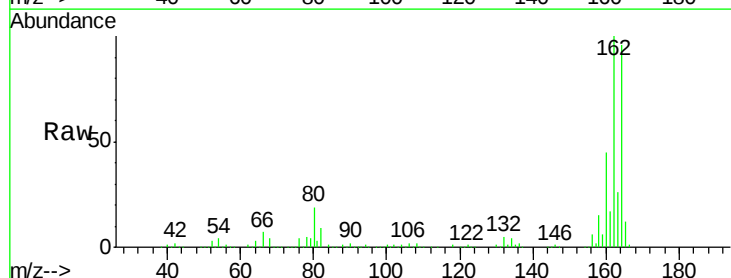
Ion Ratio Lower Upper

165 100

63 1.1 35.4 53.0#

89 1.7 61.9 92.9#

182 0.0 1.9 2.9#

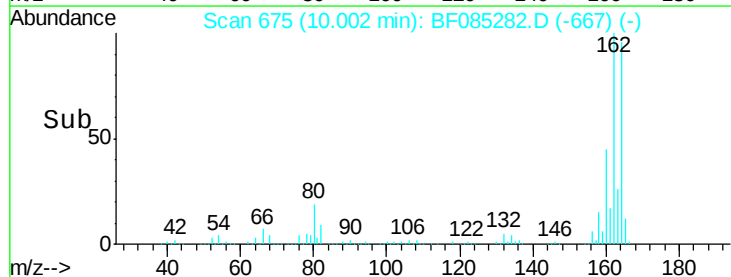
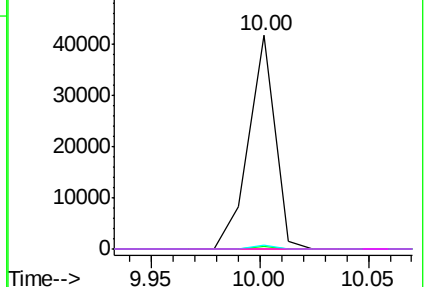


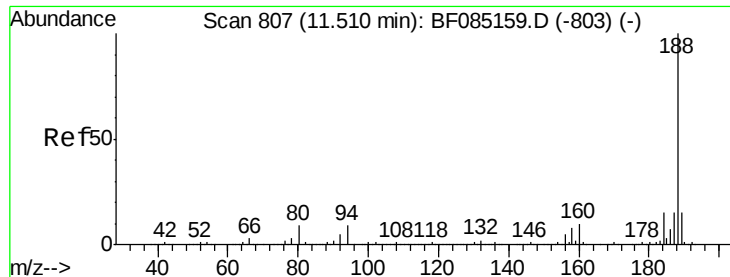
Abundance Ion 165.00 (164.70 to 165.70): E

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

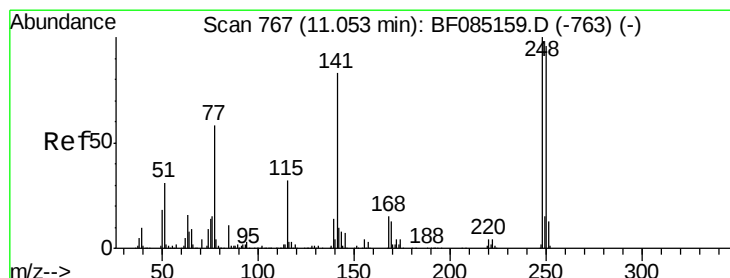
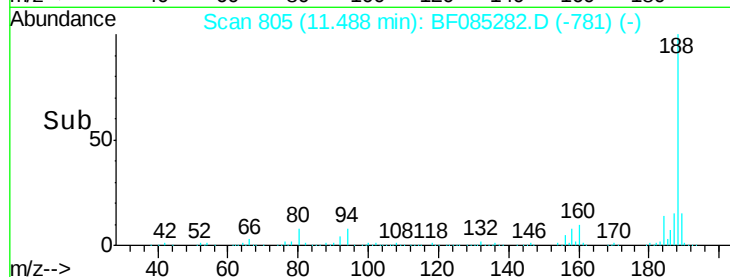
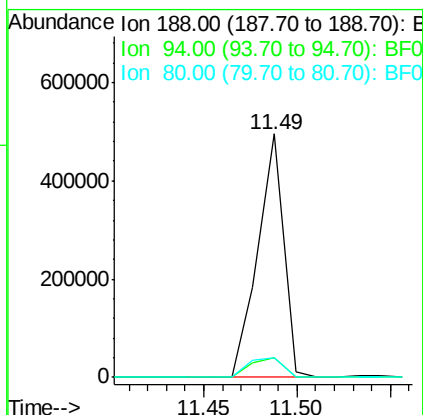
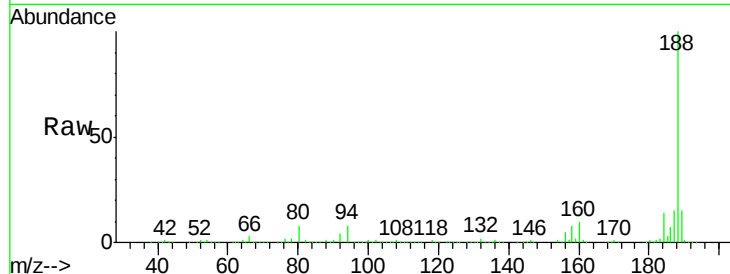




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF085282.D
Acq: 9 Mar 2016 3:43

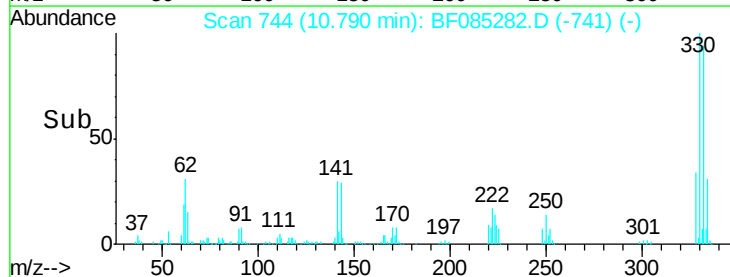
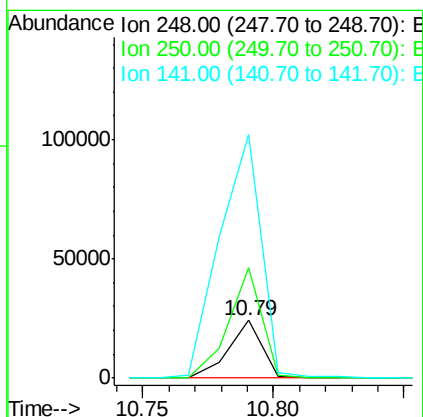
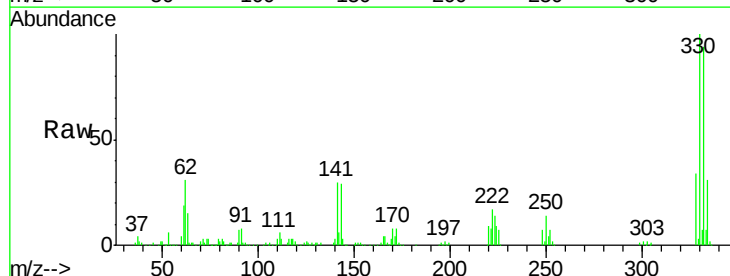
Instrument :
BNA_F
ClientSampleId :
SB-41COMP(0.5-5.0)

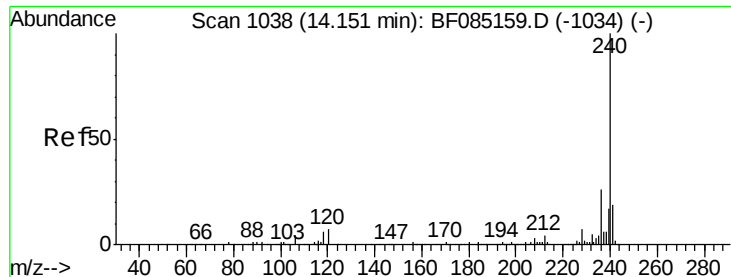
Tgt Ion:188 Resp: 475589
Ion Ratio Lower Upper
188 100
94 7.9 7.0 10.6
80 8.0 7.4 11.0



#66
4-Bromophenyl-phenylether
Concen: 4.65 ng
RT: 10.79 min Scan# 744
Delta R.T. -0.26 min
Lab File: BF085282.D
Acq: 9 Mar 2016 3:43

Tgt Ion:248 Resp: 21485
Ion Ratio Lower Upper
248 100
250 192.6 77.1 115.7#
141 423.2 66.2 99.2#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.12 min Scan# 1035

Delta R.T. -0.03 min

Lab File: BF085282.D

Acq: 9 Mar 2016 3:43

Instrument :

BNA_F

ClientSampleId :

SB-41COMP(0.5-5.0)

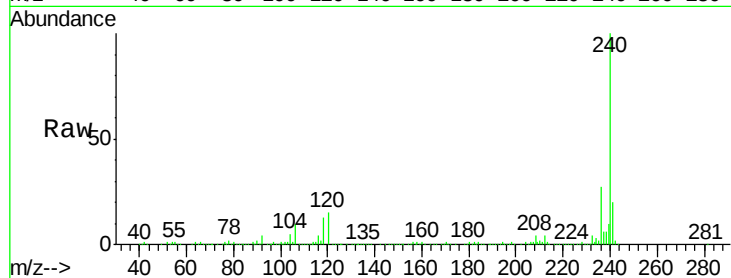
Tgt Ion:240 Resp: 261975

Ion Ratio Lower Upper

240 100

120 15.0 5.3 7.9#

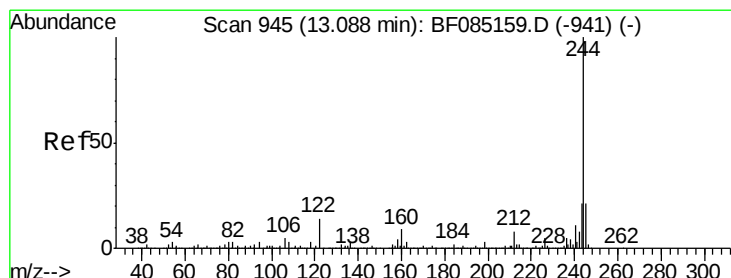
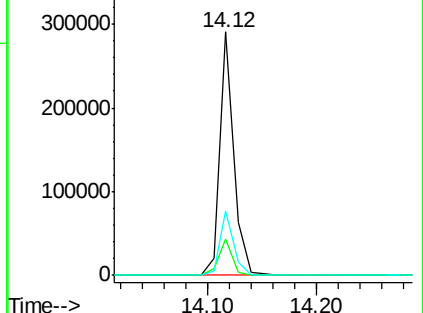
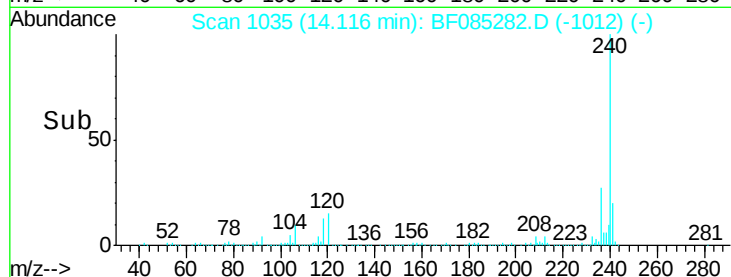
236 26.6 20.7 31.1



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: 80.28 ng

RT: 13.06 min Scan# 943

Delta R.T. -0.02 min

Lab File: BF085282.D

Acq: 9 Mar 2016 3:43

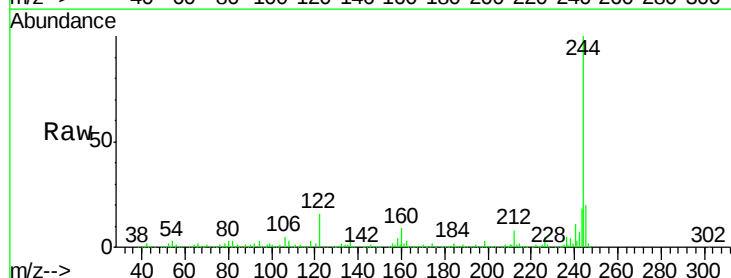
Tgt Ion:244 Resp: 905976

Ion Ratio Lower Upper

244 100

212 7.9 6.4 9.6

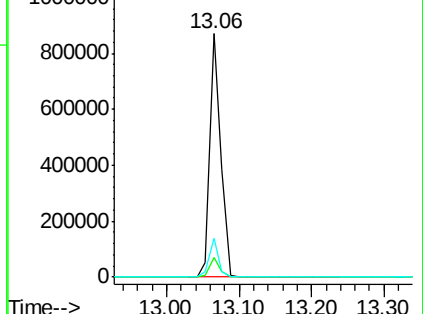
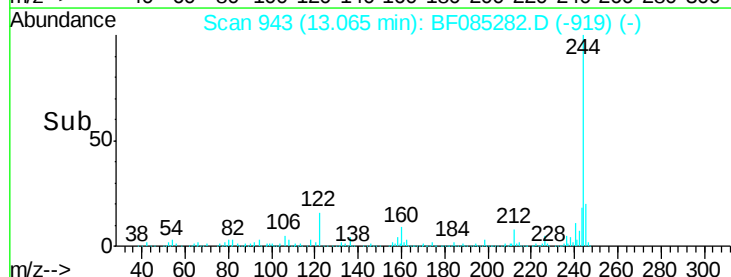
122 16.0 11.4 17.2

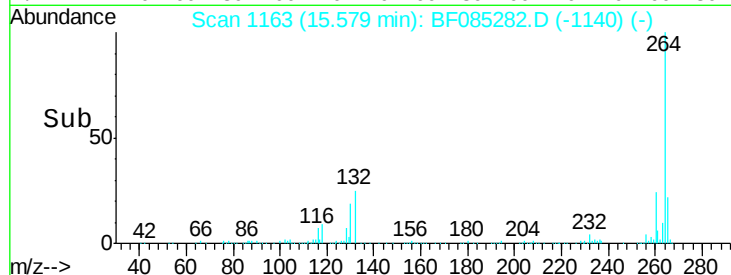
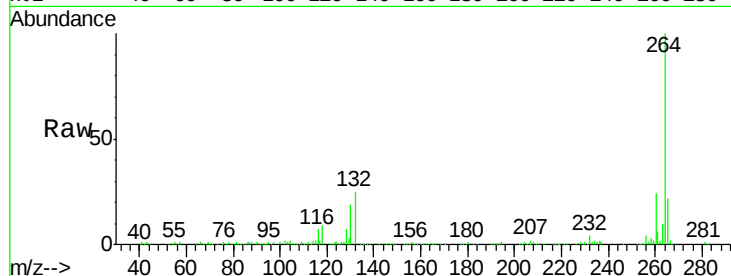
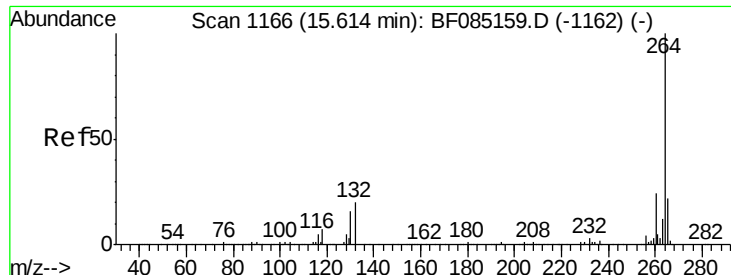


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.58 min Scan# 1163
Delta R.T. -0.03 min
Lab File: BF085282.D
Acq: 9 Mar 2016 3:43

Instrument :
BNA_F
ClientSampleId :
SB-41COMP(0.5-5.0)

Tgt Ion:	264	Resp:	252106
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.2	28.8
265	21.6	17.3	25.9

