

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
 Data File : BF085582.D
 Acq On : 19 Mar 2016 19:32
 Operator : UM/SJ
 Sample : H1788-05
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5(9-10)

Quant Time: Mar 21 00:02:17 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 23:31:39 2016
 Response via : Initial Calibration

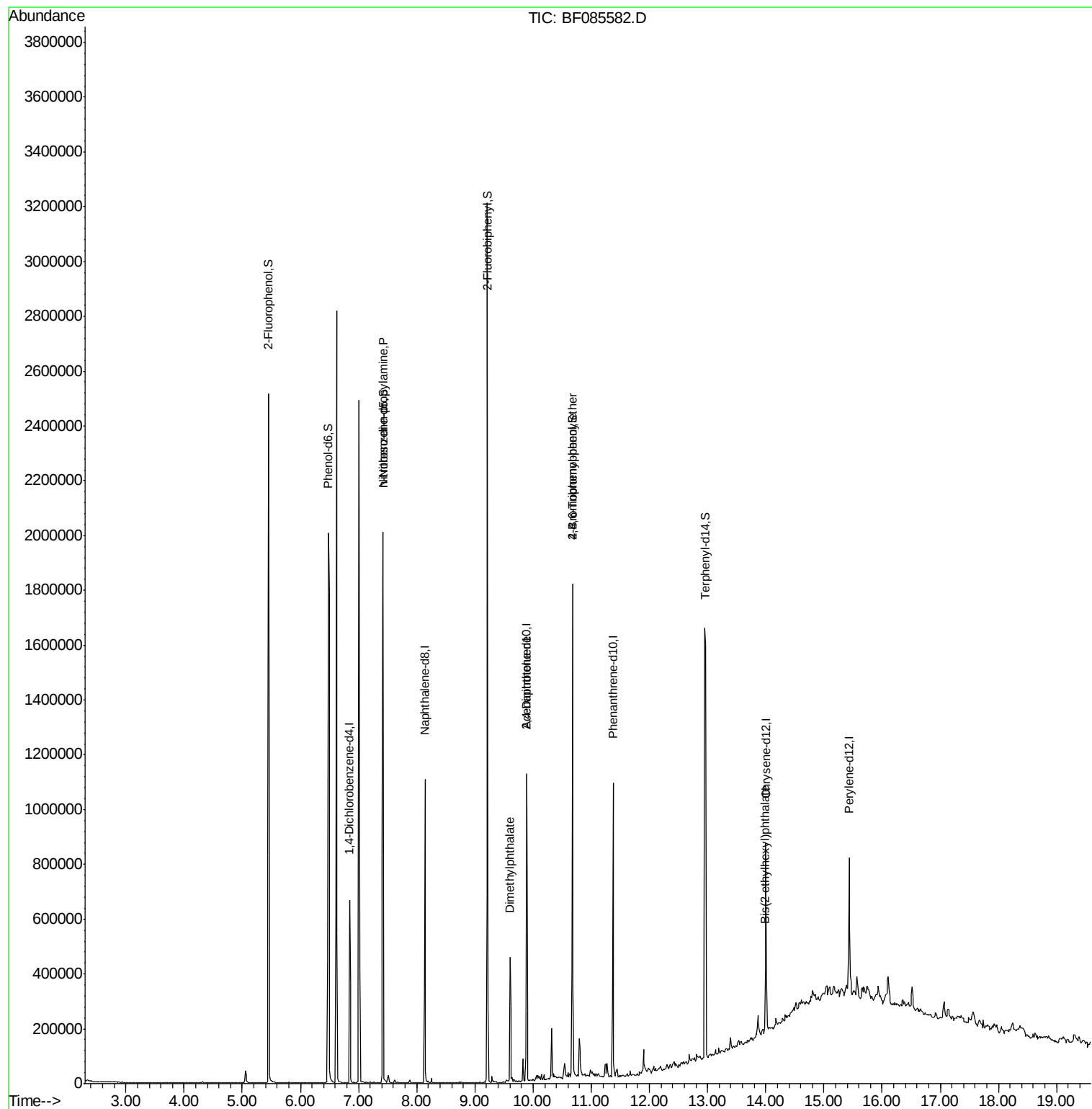
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	122467	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	516151	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	209864	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	385352	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	233660	20.00	ng	-0.01
86) Perylene-d12	15.43	264	232701	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	826248	113.32	ng	0.00
7) Phenol-d6	6.48	99	1186225	126.85	ng	-0.01
23) Nitrobenzene-d5	7.42	82	730270	82.13	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	217089	105.60	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	964847	76.47	ng	-0.01
78) Terphenyl-d14	12.96	244	739528	76.16	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	95952	17.18	ng	# 77
49) Dimethylphthalate	9.60	163	226563	14.31	ng	# 98
56) 2,4-Dinitrotoluene	9.89	165	27388	6.26	ng	# 37
66) 4-Bromophenyl-phenylether	10.68	248	14993	3.89	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.99	149	46926	4.72	ng	# 96

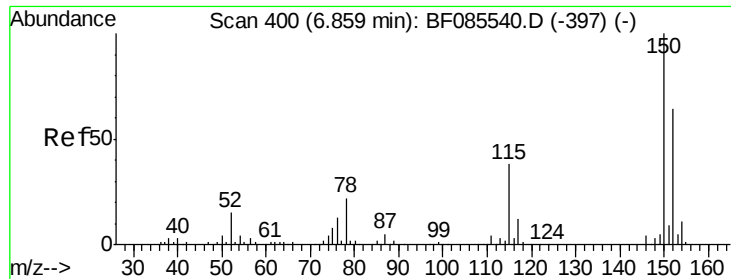
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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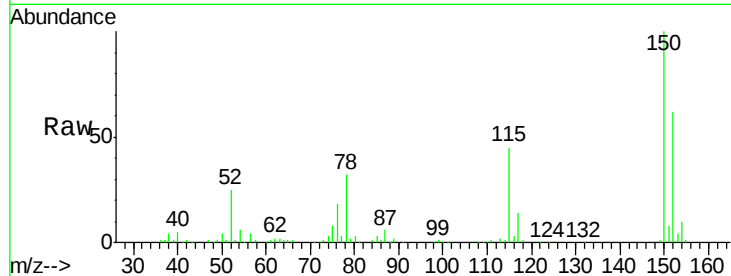




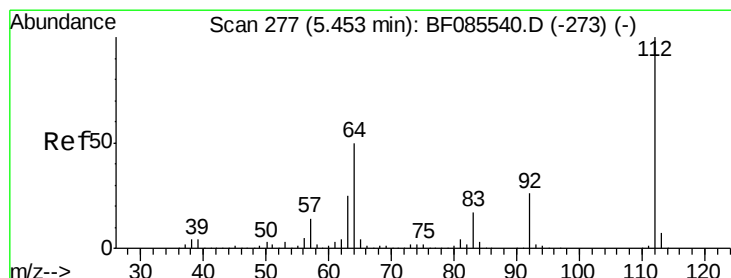
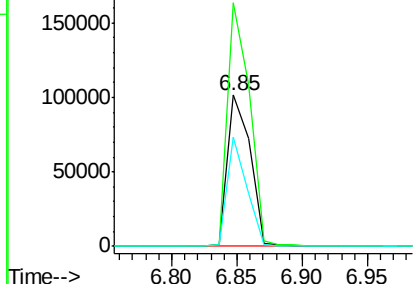
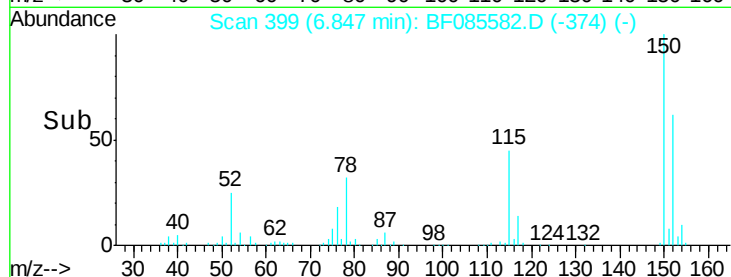
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 399
 Delta R.T. -0.01 min
 Lab File: BF085582.D
 Acq: 19 Mar 2016 19:32

Instrument :
 BNA_F
 ClientSampleId :
 SB-5(9-10)

Tgt Ion:152 Resp: 122467
 Ion Ratio Lower Upper
 152 100
 150 161.1 124.2 186.2
 115 72.4 47.0 70.6#

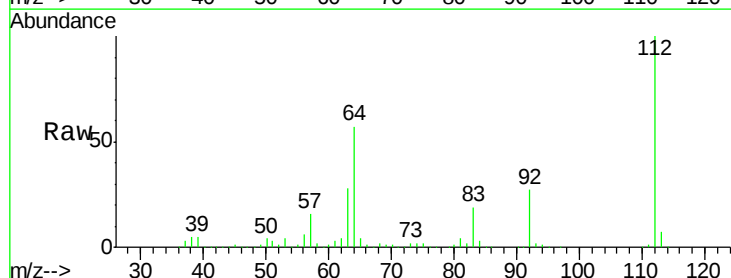


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

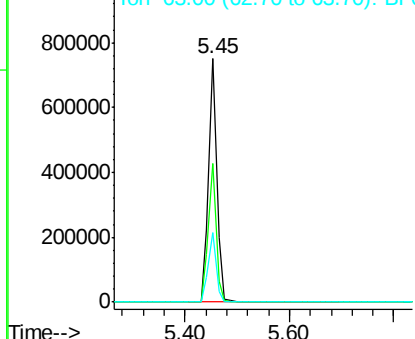
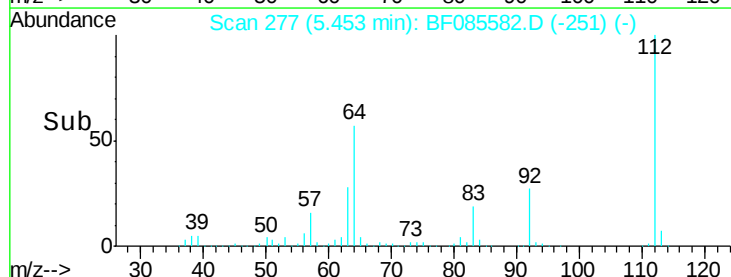


#5
 2-Fluorophenol
 Concen: 113.32 ng
 RT: 5.45 min Scan# 277
 Delta R.T. 0.00 min
 Lab File: BF085582.D
 Acq: 19 Mar 2016 19:32

Tgt Ion:112 Resp: 826248
 Ion Ratio Lower Upper
 112 100
 64 56.8 39.9 59.9
 63 28.5 20.2 30.2



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: 126.85 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF085582.D

Acq: 19 Mar 2016 19:32

Instrument :

BNA_F

ClientSampleId :

SB-5(9-10)

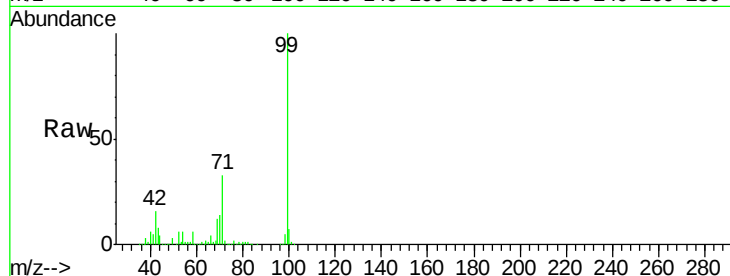
Tgt Ion: 99 Resp: 1186225

Ion Ratio Lower Upper

99 100

42 15.5 11.1 16.7

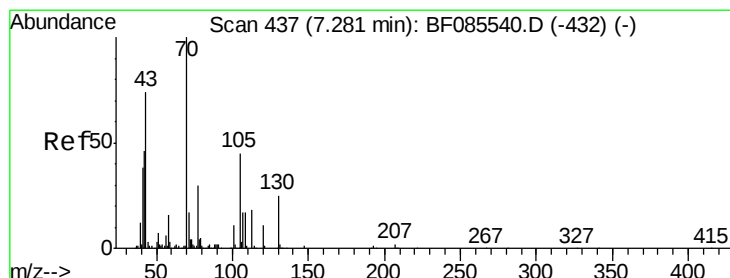
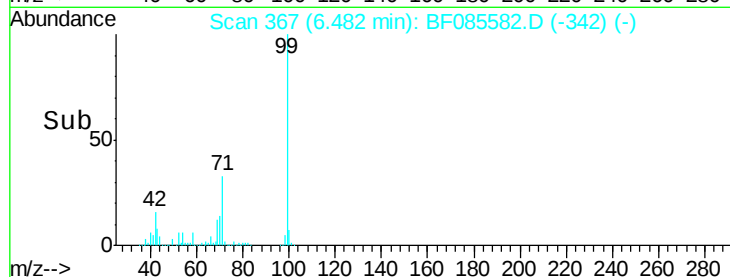
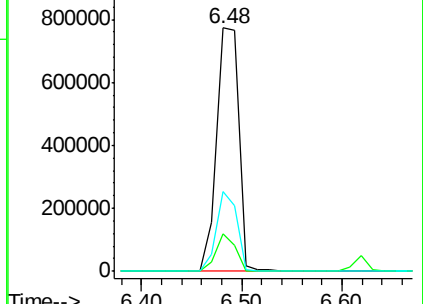
71 32.8 24.9 37.3



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: 17.18 ng

RT: 7.42 min Scan# 449

Delta R.T. 0.14 min

Lab File: BF085582.D

Acq: 19 Mar 2016 19:32

Tgt Ion: 70 Resp: 95952

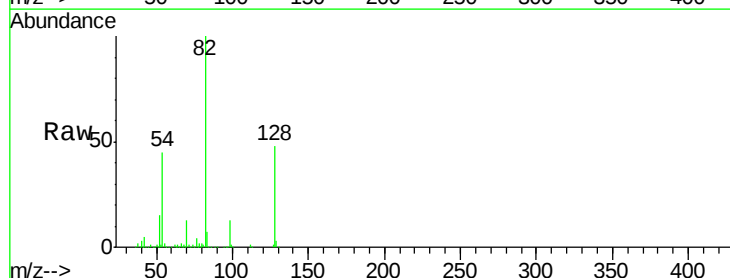
Ion Ratio Lower Upper

70 100

42 39.2 37.1 55.7

101 0.0 8.6 12.8#

130 2.3 19.6 29.4#

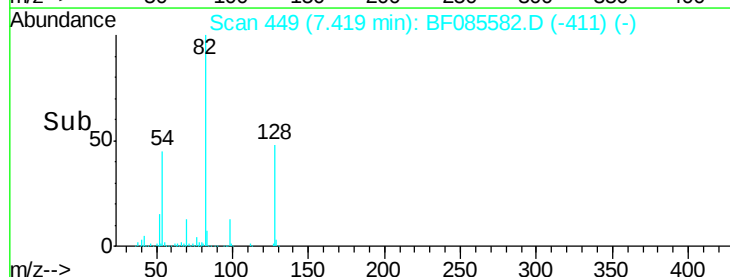
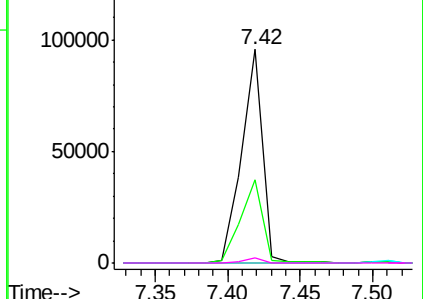


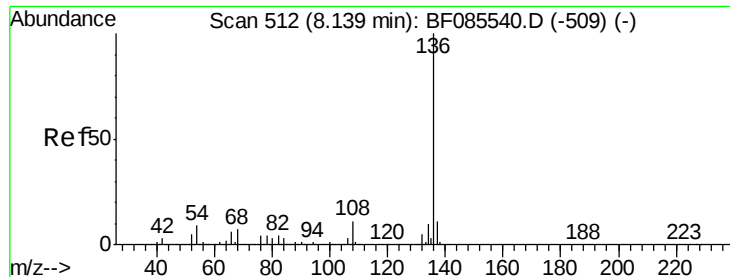
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.14 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF085582.D

Acq: 19 Mar 2016 19:32

Instrument :

BNA_F

ClientSampleId :

SB-5(9-10)

Tgt Ion:136 Resp: 516151

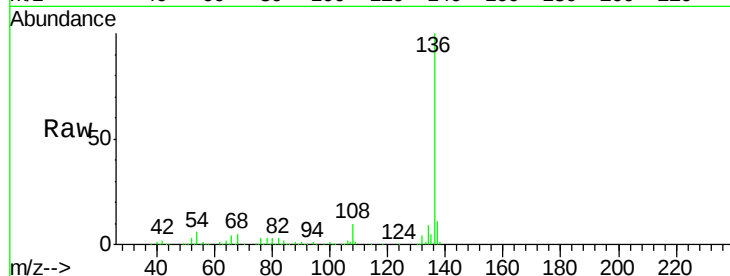
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 6.0 7.4 11.0#

68 5.1 5.8 8.8#

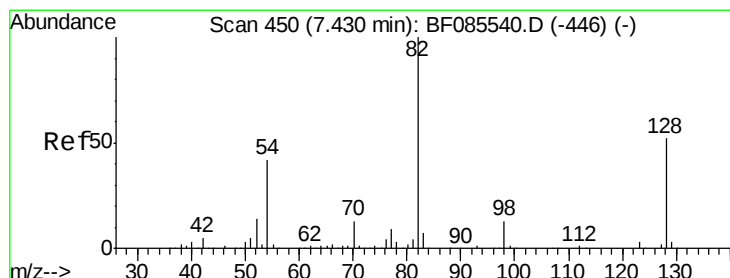
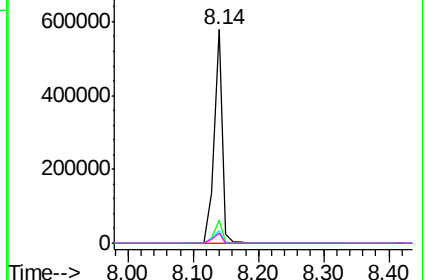
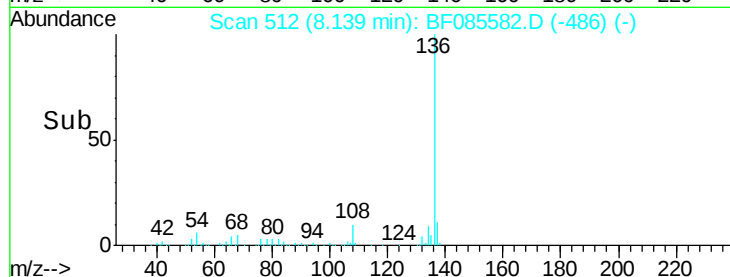


Abundance Ion 136.00 (135.70 to 136.70): E

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: 82.13 ng

RT: 7.42 min Scan# 449

Delta R.T. -0.01 min

Lab File: BF085582.D

Acq: 19 Mar 2016 19:32

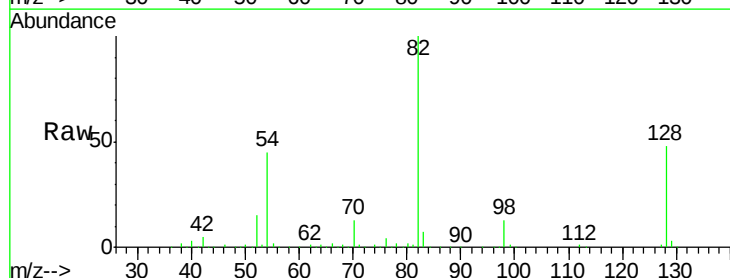
Tgt Ion: 82 Resp: 730270

Ion Ratio Lower Upper

82 100

128 47.5 41.8 62.8

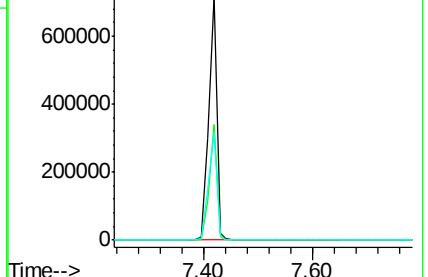
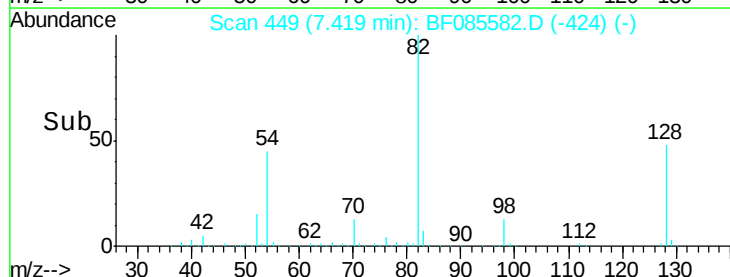
54 44.5 33.4 50.0

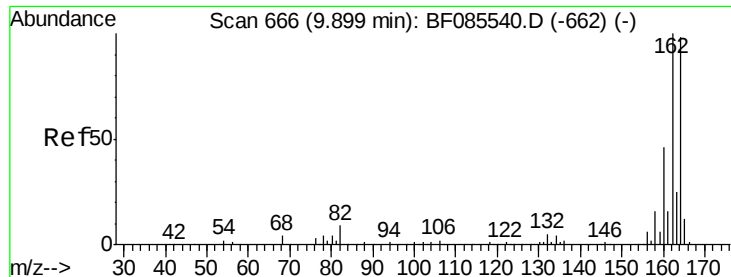


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.89 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF085582.D

Acq: 19 Mar 2016 19:32

Instrument :

BNA_F

ClientSampleId :

SB-5(9-10)

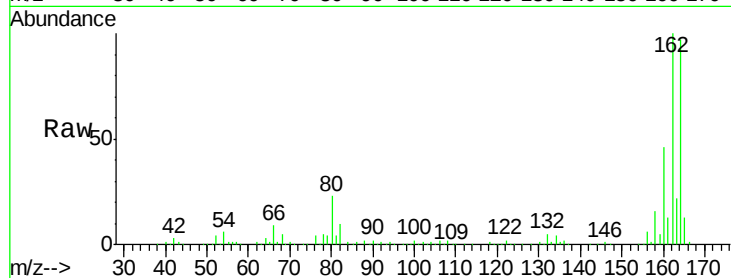
Tgt Ion:164 Resp: 209864

Ion Ratio Lower Upper

164 100

162 103.1 82.1 123.1

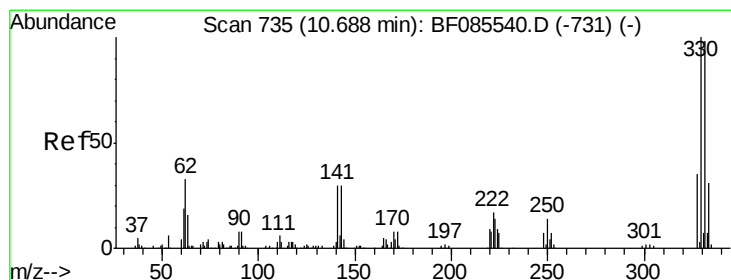
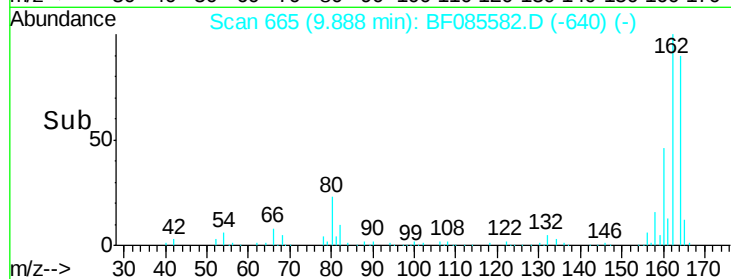
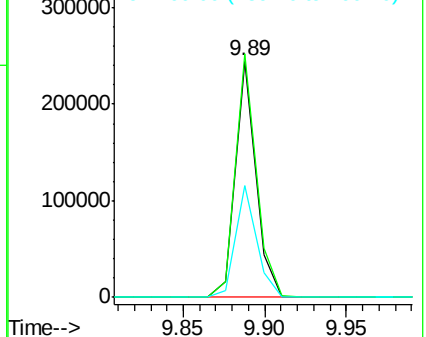
160 47.2 37.4 56.2



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: 105.60 ng

RT: 10.68 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF085582.D

Acq: 19 Mar 2016 19:32

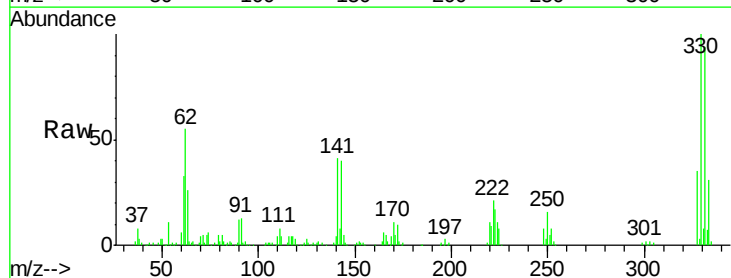
Tgt Ion:330 Resp: 217089

Ion Ratio Lower Upper

330 100

332 95.3 78.2 117.2

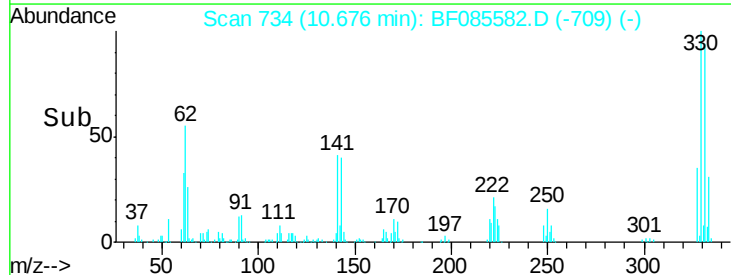
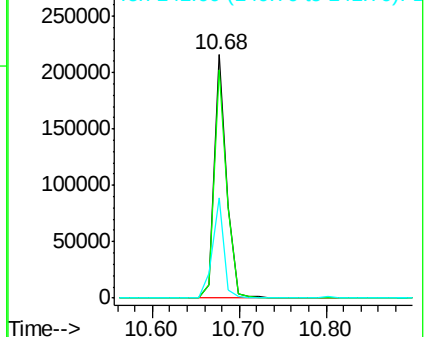
141 39.2 31.5 47.3

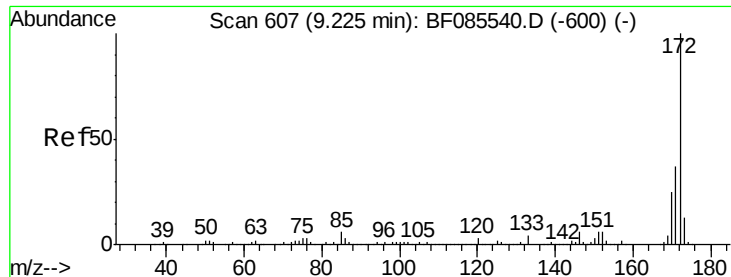


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

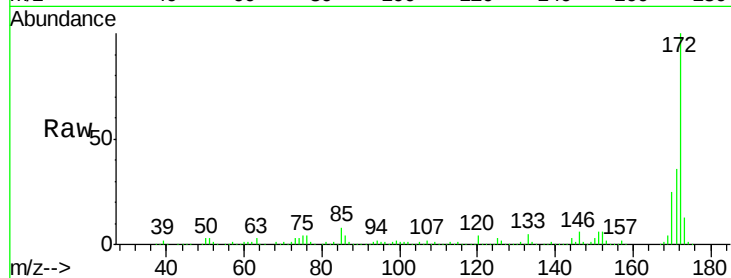




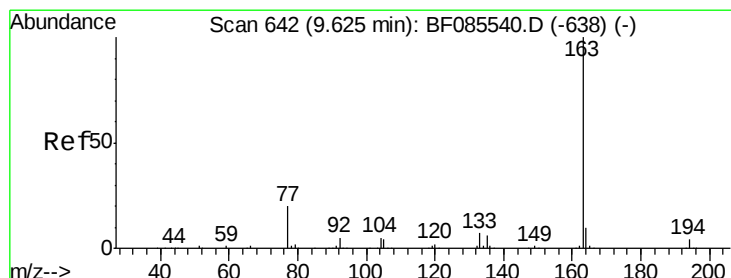
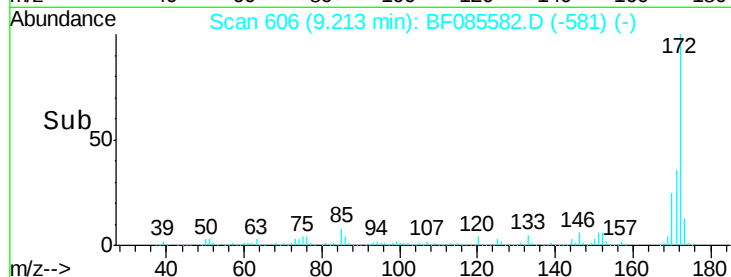
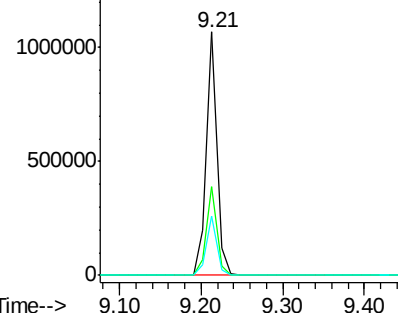
#44
 2-Fluorobiphenyl
 Concen: 76.47 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF085582.D
 Acq: 19 Mar 2016 19:32

Instrument :
 BNA_F
 ClientSampled :
 SB-5(9-10)

Tgt Ion:172 Resp: 964847
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.2
 170 24.6 19.8 29.6

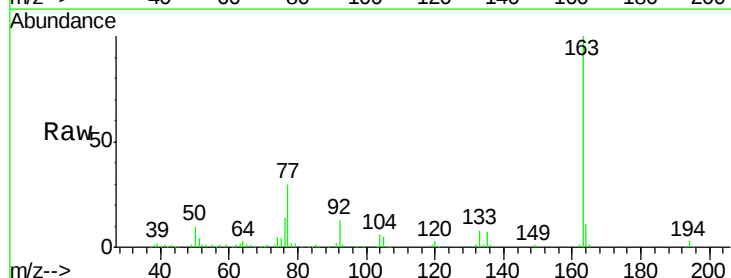


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

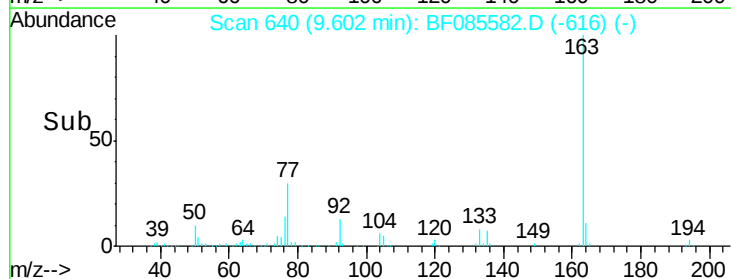
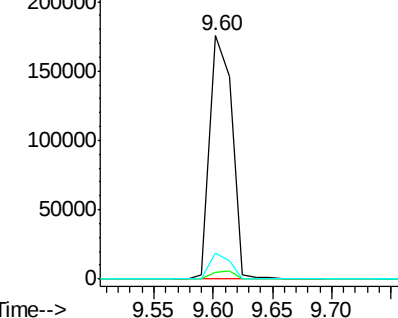


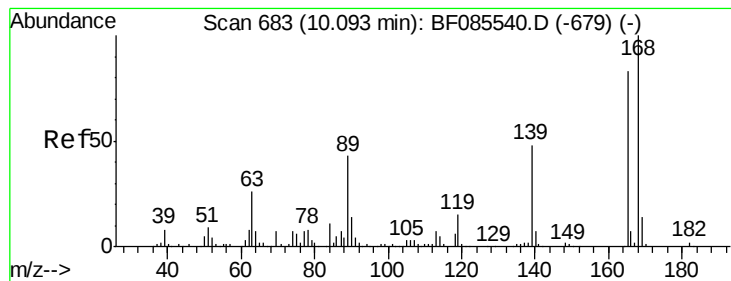
#49
 Dimethylphthalate
 Concen: 14.31 ng
 RT: 9.60 min Scan# 640
 Delta R.T. -0.02 min
 Lab File: BF085582.D
 Acq: 19 Mar 2016 19:32

Tgt Ion:163 Resp: 226563
 Ion Ratio Lower Upper
 163 100
 194 2.6 2.9 4.3#
 164 10.8 8.3 12.5



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

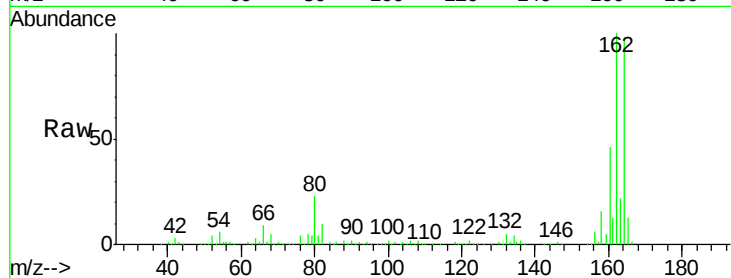




#56
 2,4-Dinitrotoluene
 Concen: 6.26 ng
 RT: 9.89 min Scan# 665
 Delta R.T. -0.21 min
 Lab File: BF085582.D
 Acq: 19 Mar 2016 19:32

Instrument :
 BNA_F
 ClientSampleId :
 SB-5(9-10)

Tgt Ion:	165	Resp:	27388
Ion	Ratio	Lower	Upper
165	100		
63	1.0	24.9	37.3#
89	1.7	41.0	61.6#
182	0.0	2.1	3.1#

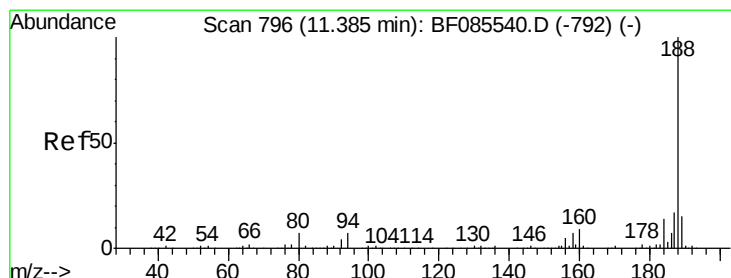
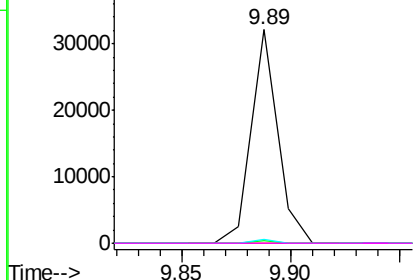
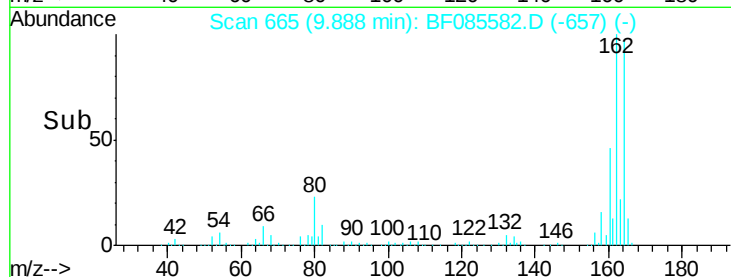


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

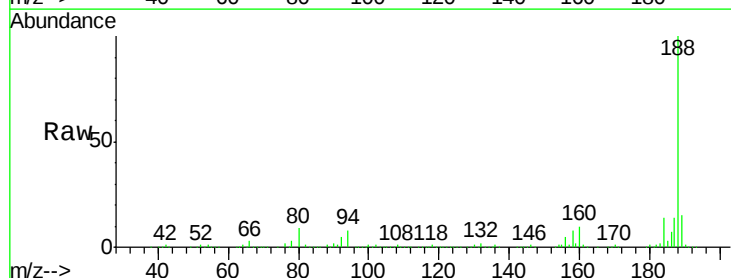
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF085582.D
 Acq: 19 Mar 2016 19:32

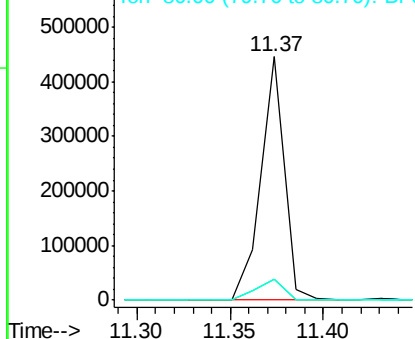
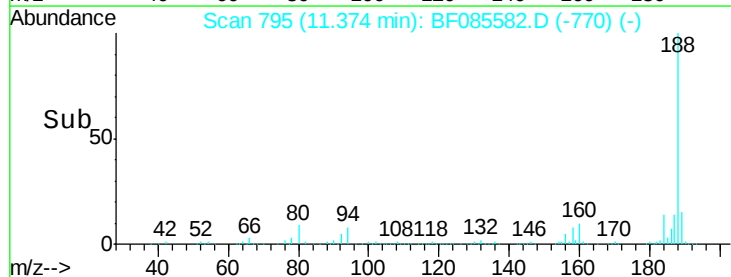
Tgt Ion:	188	Resp:	385352
Ion	Ratio	Lower	Upper
188	100		
94	8.5	5.4	8.0#
80	8.5	5.5	8.3#

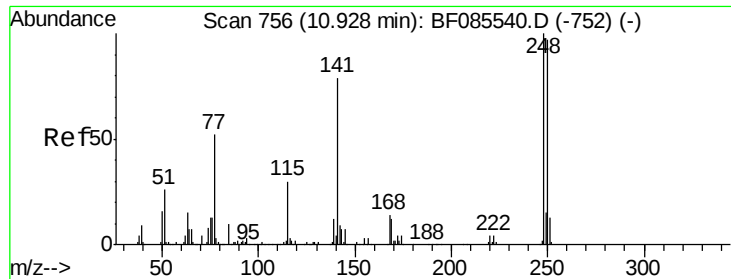


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

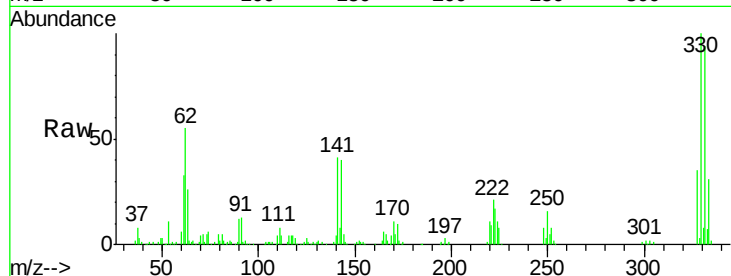




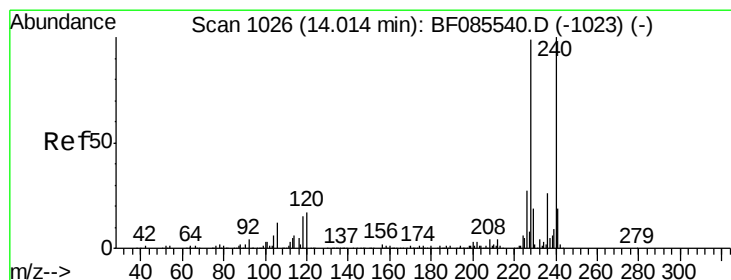
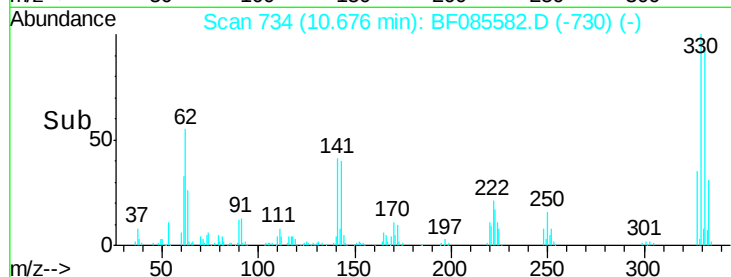
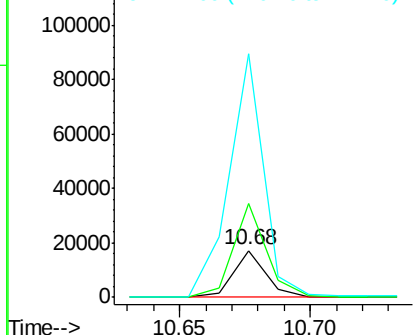
#66
4-Bromophenyl-phenylether
Concen: 3.89 ng
RT: 10.68 min Scan# 734
Delta R.T. -0.25 min
Lab File: BF085582.D
Acq: 19 Mar 2016 19:32

Instrument :
BNA_F
ClientSampleId :
SB-5(9-10)

Tgt Ion:248 Resp: 14993
Ion Ratio Lower Upper
248 100
250 200.3 77.4 116.0#
141 522.5 63.6 95.4#

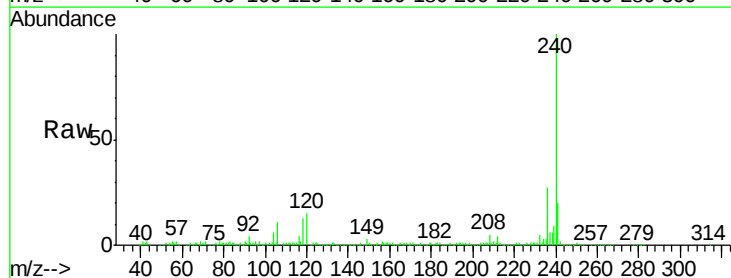


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

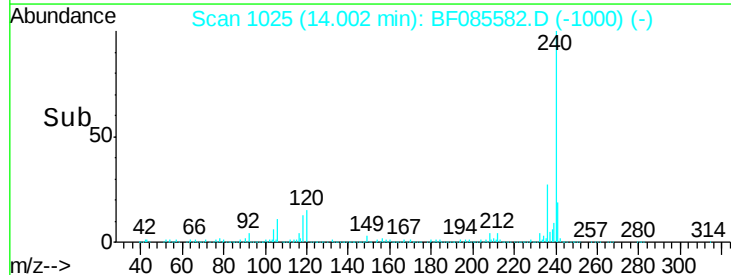
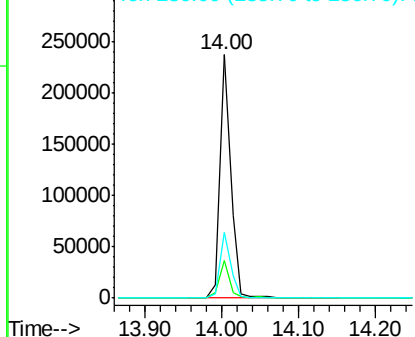


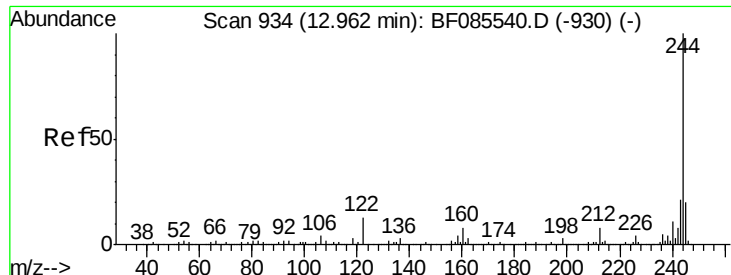
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF085582.D
Acq: 19 Mar 2016 19:32

Tgt Ion:240 Resp: 233660
Ion Ratio Lower Upper
240 100
120 15.5 13.8 20.8
236 26.8 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: 76.16 ng

RT: 12.96 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF085582.D

Acq: 19 Mar 2016 19:32

Instrument :

BNA_F

ClientSampleId :

SB-5(9-10)

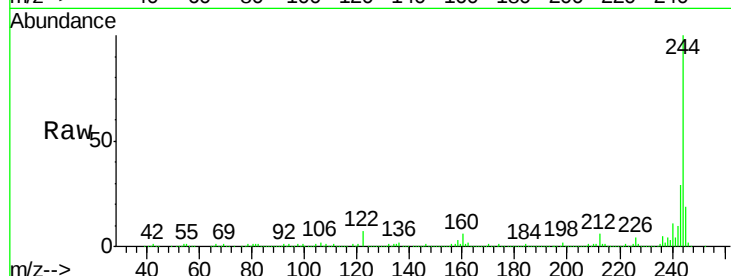
Tgt Ion:244 Resp: 739528

Ion Ratio Lower Upper

244 100

212 6.4 6.1 9.1

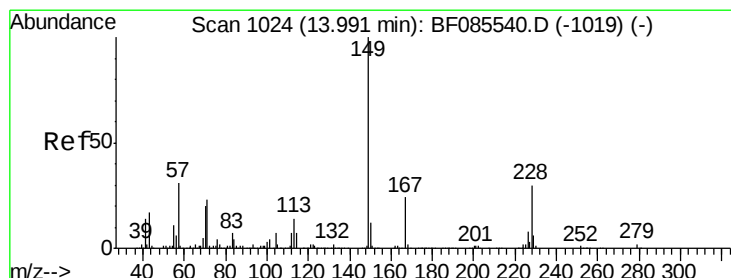
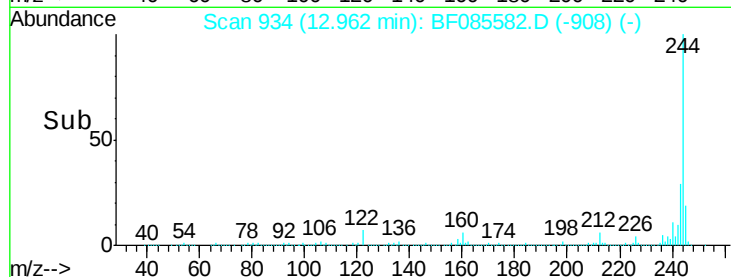
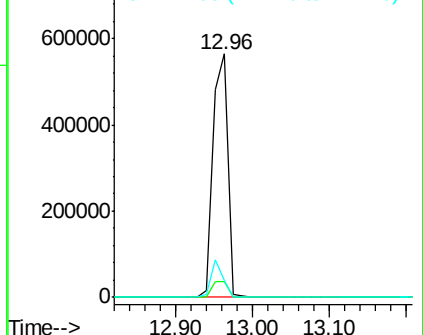
122 6.9 10.2 15.4#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 4.72 ng

RT: 13.99 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF085582.D

Acq: 19 Mar 2016 19:32

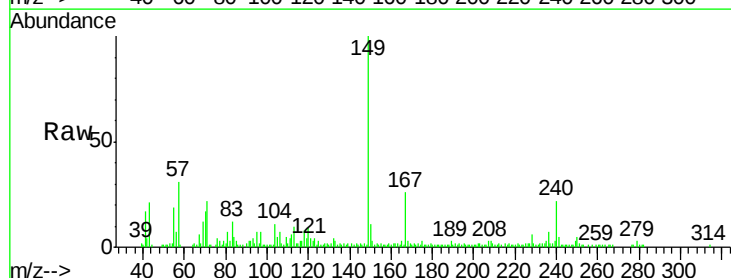
Tgt Ion:149 Resp: 46926

Ion Ratio Lower Upper

149 100

167 26.3 19.4 29.2

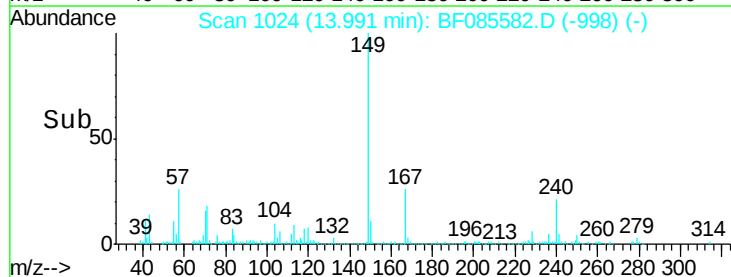
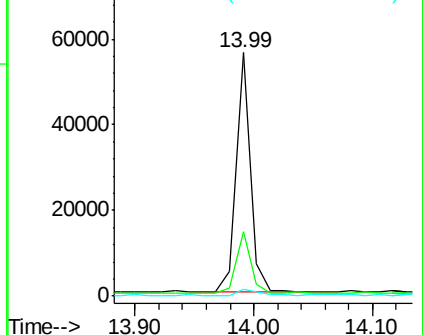
279 3.1 1.5 2.3#

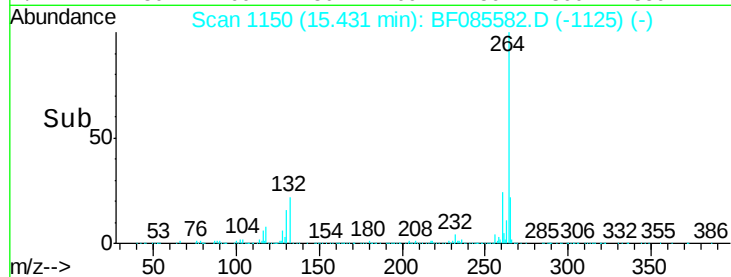
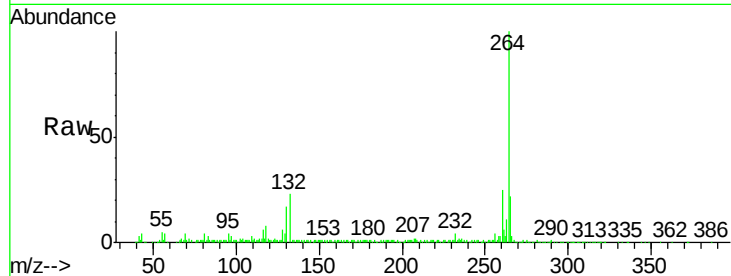
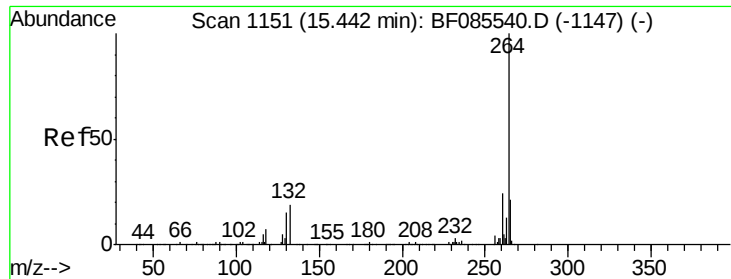


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86

Perylene-d12

Concen: 20.00 ng

RT: 15.43 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF085582.D

Acq: 19 Mar 2016 19:32

Instrument :

BNA_F

ClientSampleId :

SB-5(9-10)

Tgt Ion:264 Resp: 232701

Ion Ratio Lower Upper

264 100

260 24.5 19.4 29.2

265 22.0 17.2 25.8

