

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
 Data File : BF085606.D
 Acq On : 20 Mar 2016 8:58
 Operator : UM/SJ
 Sample : H1815-08
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP

Quant Time: Mar 21 00:20:58 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

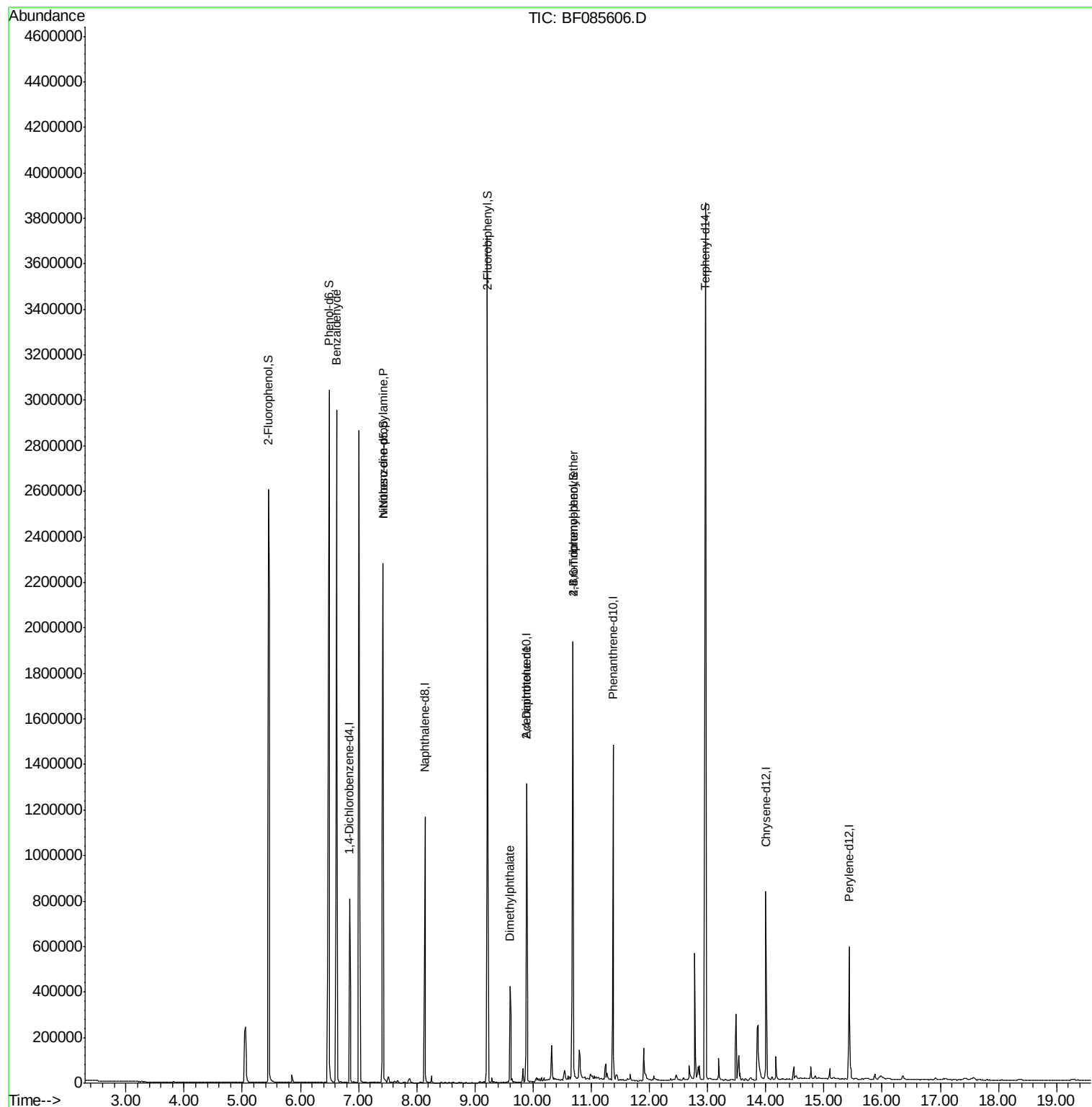
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	143003	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	596463	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	260760	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	504774	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	317340	20.00	ng	-0.01
86) Perylene-d12	15.43	264	265027	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1227295	144.15	ng	0.00
7) Phenol-d6	6.49	99	1505286	137.85	ng	0.00
23) Nitrobenzene-d5	7.42	82	889973	86.61	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	440587	172.49	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1404597	94.54	ng	-0.01
78) Terphenyl-d14	12.96	244	1305603	99.00	ng	0.00
Target Compounds						
9) Benzaldehyde	6.62	77	24888	2.61	ng	Qvalue 82
19) n-Nitroso-di-n-propylamine	7.42	70	119549	18.33	ng	# 77
49) Dimethylphthalate	9.60	163	231359	11.76	ng	99
56) 2,4-Dinitrotoluene	9.89	165	33555	6.17	ng	# 37
66) 4-Bromophenyl-phenylether	10.69	248	27357	5.43	ng	# 1

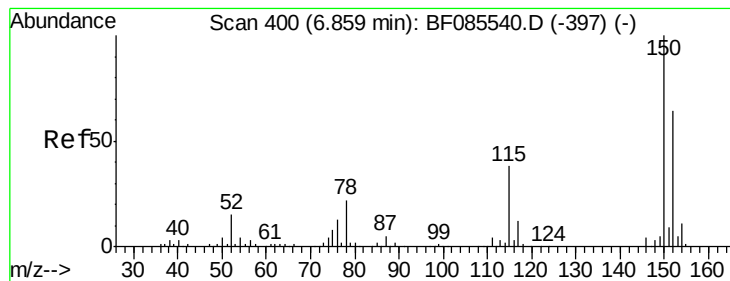
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 18 23:31:39 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 399

Delta R.T. -0.01 min

Lab File: BF085606.D

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BNA_F

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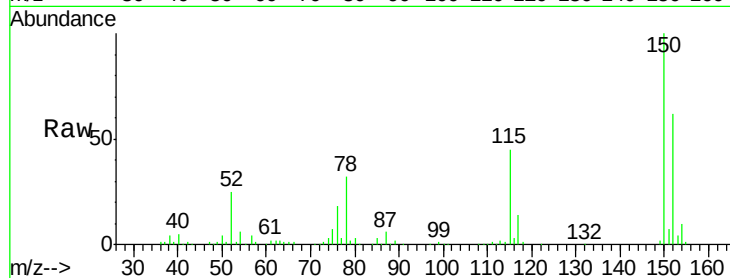
Tgt Ion:152 Resp: 143003

Ion Ratio Lower Upper

152 100

150 161.1 124.2 186.2

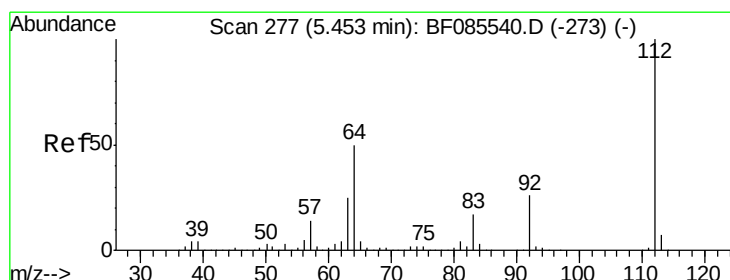
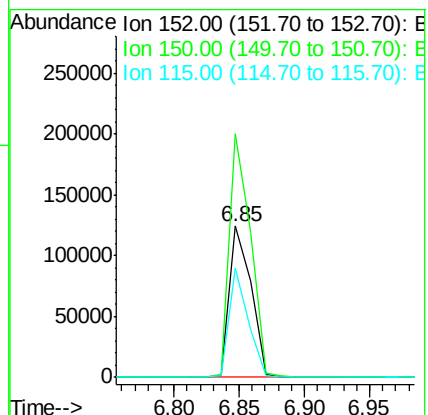
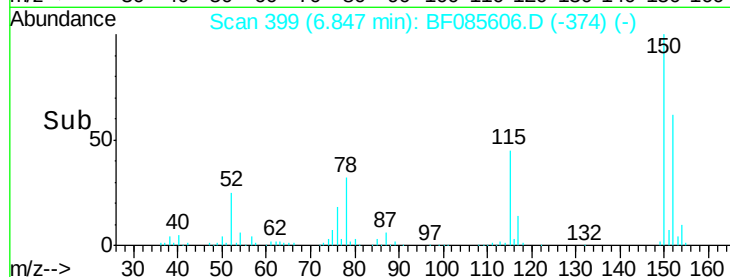
115 72.3 47.0 70.6#



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: 144.15 ng

RT: 5.45 min Scan# 277

Delta R.T. 0.00 min

Lab File: BF085606.D

Acq: 20 Mar 2016 8:58

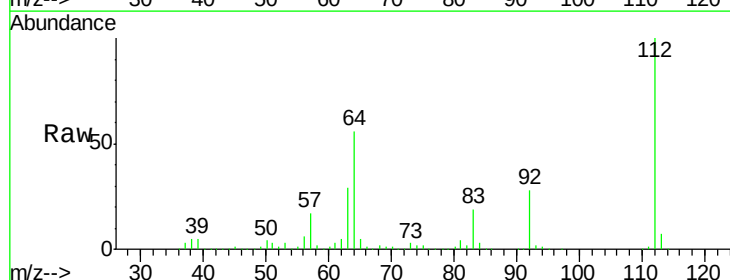
Tgt Ion:112 Resp: 1227295

Ion Ratio Lower Upper

112 100

64 56.4 39.9 59.9

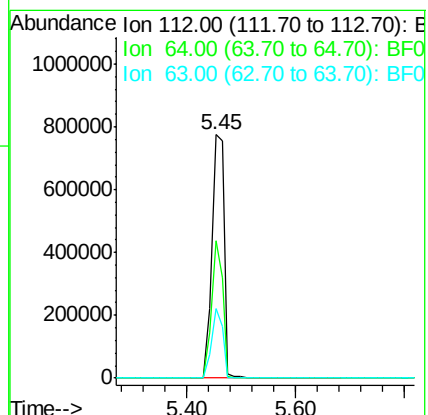
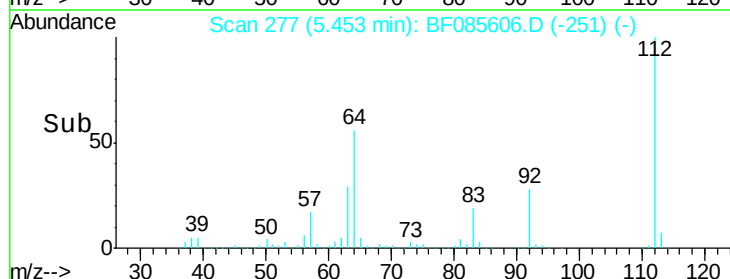
63 28.8 20.2 30.2

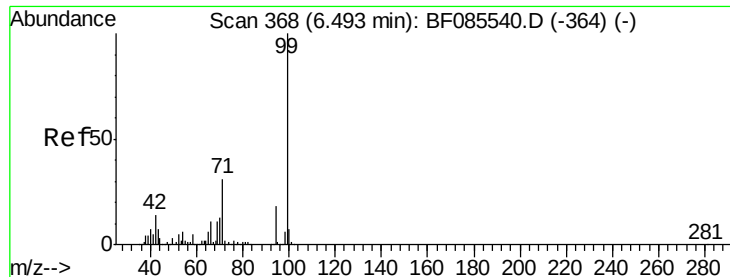


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 137.85 ng

RT: 6.49 min Scan# 368

Delta R.T. 0.00 min

Lab File: BF085606.D

Acq: 20 Mar 2016 8:58

Instrument :

BNA_F

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SB-04-COMP

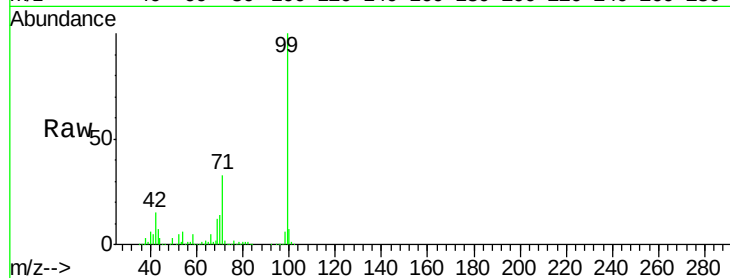
Tgt Ion: 99 Resp: 1505286

Ion Ratio Lower Upper

99 100

42 14.8 11.1 16.7

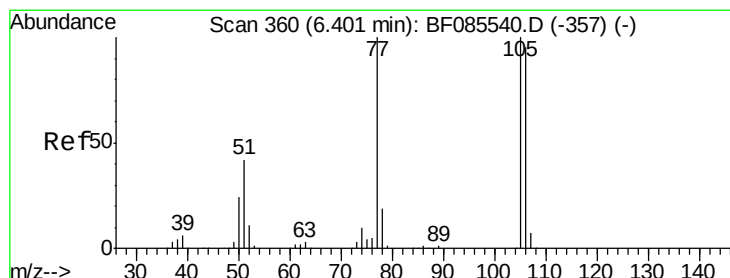
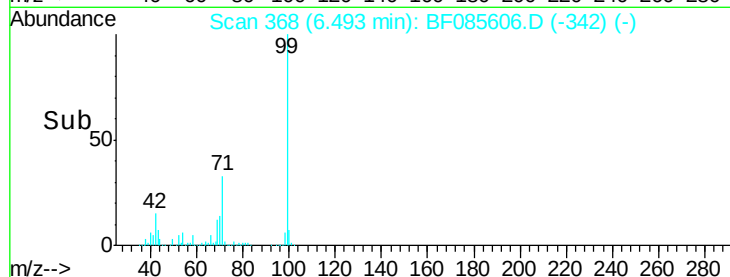
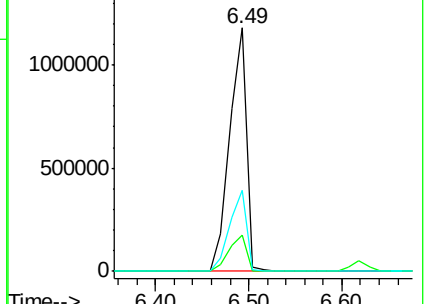
71 33.3 24.9 37.3



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



#9

Benzaldehyde

Concen: 2.61 ng

RT: 6.62 min Scan# 379

Delta R.T. 0.22 min

Lab File: BF085606.D

Acq: 20 Mar 2016 8:58

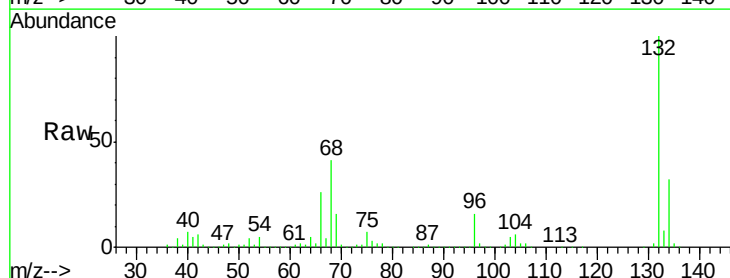
Tgt Ion: 77 Resp: 24888

Ion Ratio Lower Upper

77 100

105 82.7 80.1 120.1

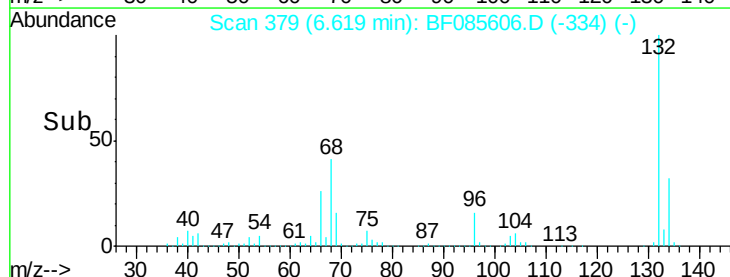
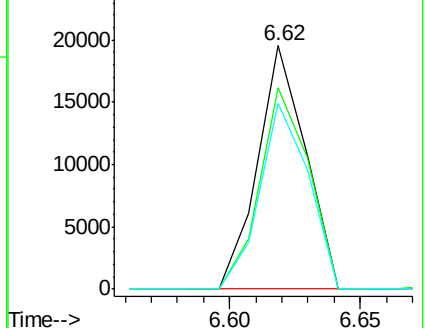
106 76.2 75.0 115.0

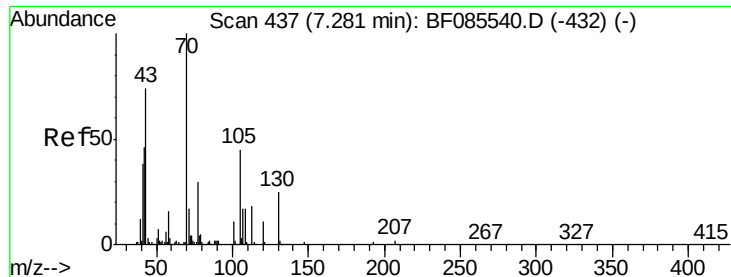


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

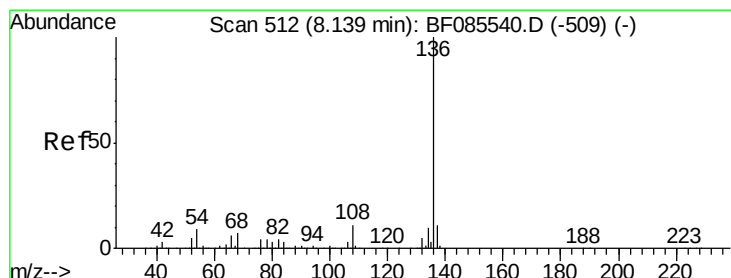
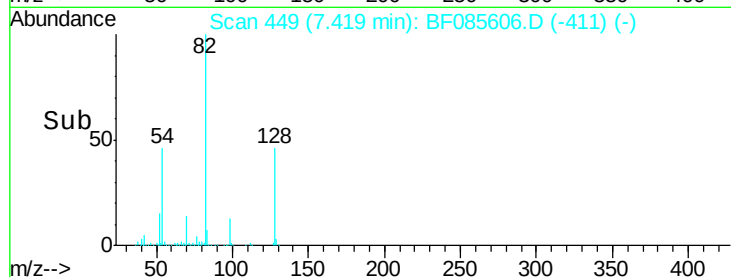
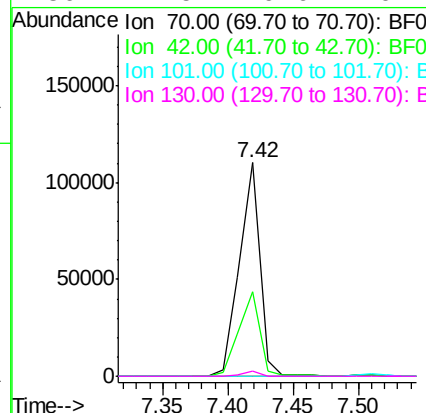
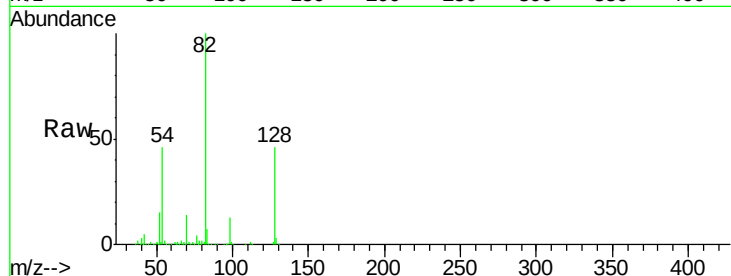




#19
n-Nitroso-di-n-propylamine
Concen: 18.33 ng
RT: 7.42 min Scan# 449
Delta R.T. 0.14 min
Lab File: BF085606.D
Acq: 20 Mar 2016 8:58

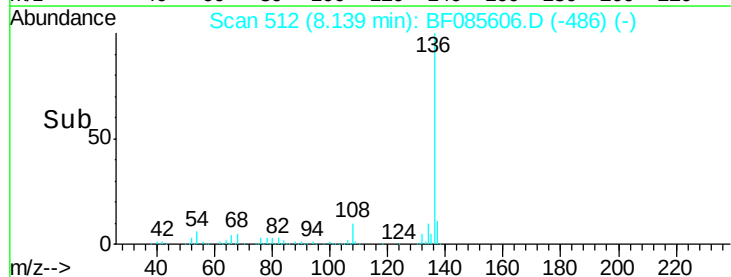
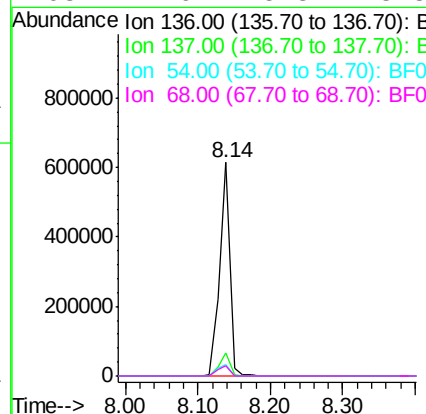
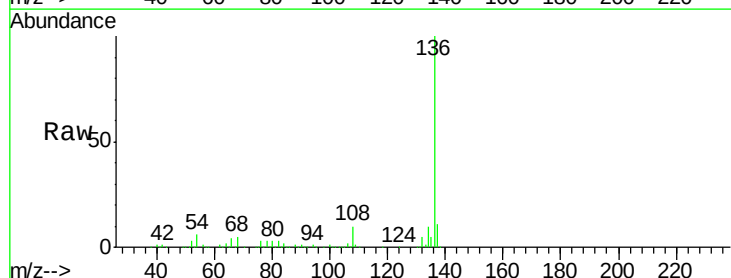
Instrument :
BNA_F
ClientSampleId :
SB-04-COMP

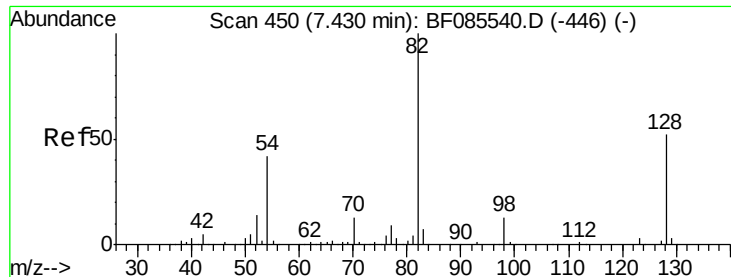
Tgt Ion: 70 Resp: 119549
Ion Ratio Lower Upper
70 100
42 39.7 37.1 55.7
101 0.0 8.6 12.8#
130 2.5 19.6 29.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF085606.D
Acq: 20 Mar 2016 8:58

Tgt Ion: 136 Resp: 596463
Ion Ratio Lower Upper
136 100
137 10.6 9.1 13.7
54 5.6 7.4 11.0#
68 4.9 5.8 8.8#

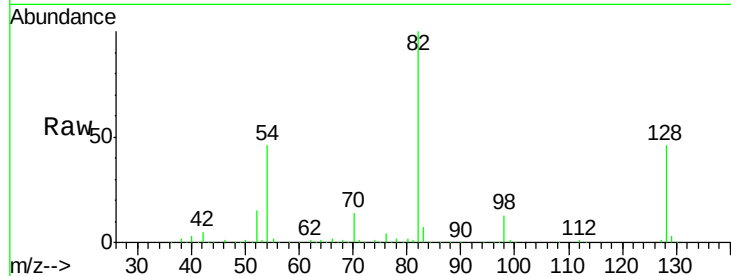




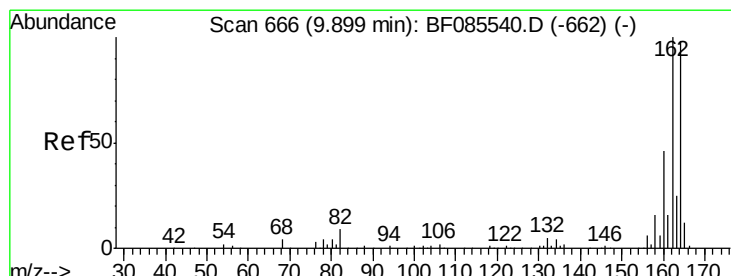
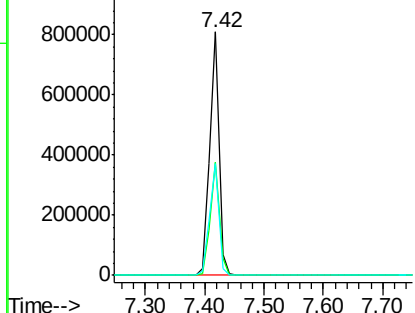
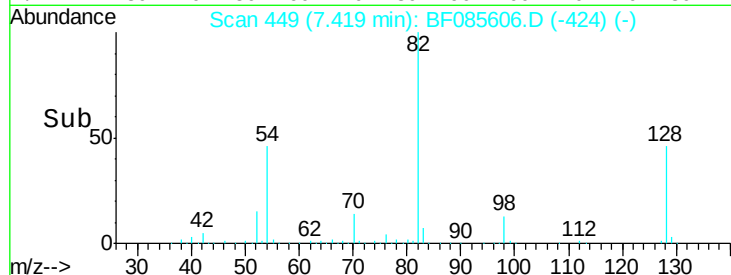
#23
 Nitrobenzene-d5
 Concen: 86.61 ng
 RT: 7.42 min Scan# 449
 Delta R.T. -0.01 min
 Lab File: BF085606.D
 Acq: 20 Mar 2016 8:58

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP

Tgt Ion: 82 Resp: 889973
 Ion Ratio Lower Upper
 82 100
 128 46.2 41.8 62.8
 54 45.8 33.4 50.0

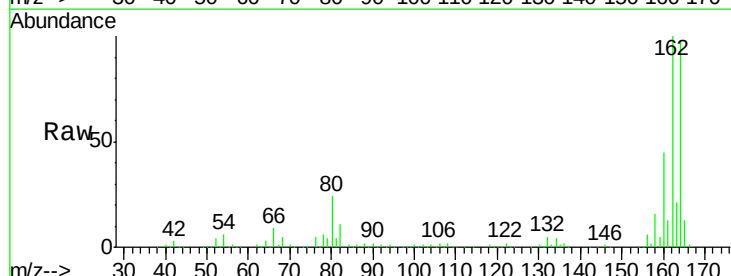


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

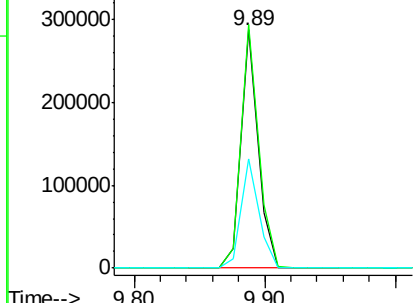
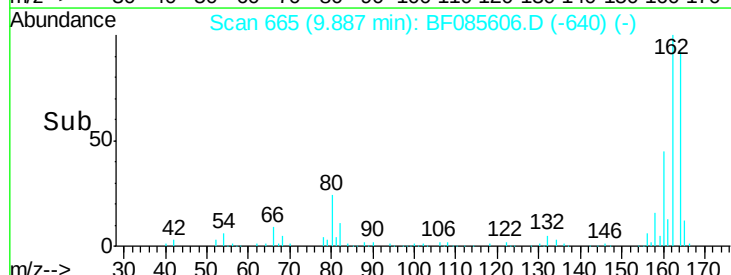


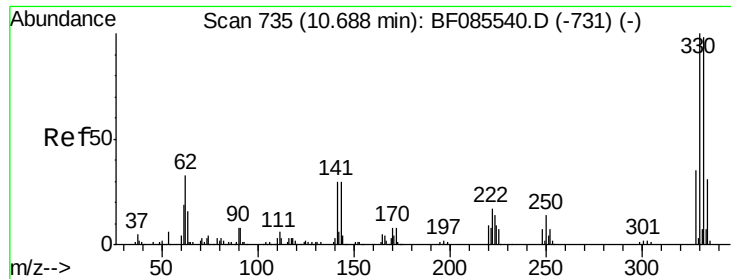
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 665
 Delta R.T. -0.01 min
 Lab File: BF085606.D
 Acq: 20 Mar 2016 8:58

Tgt Ion: 164 Resp: 260760
 Ion Ratio Lower Upper
 164 100
 162 102.1 82.1 123.1
 160 46.0 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

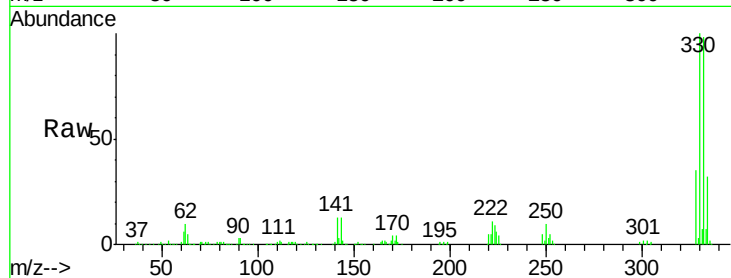




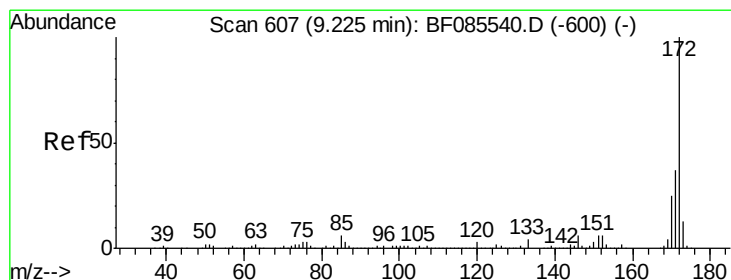
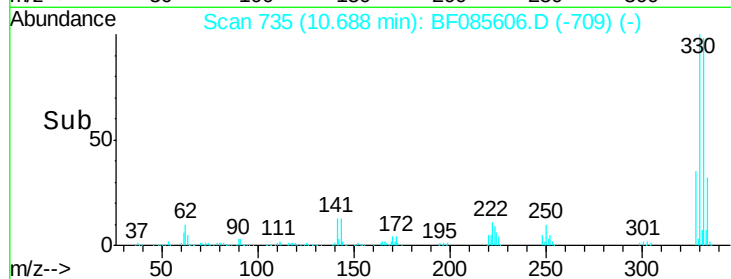
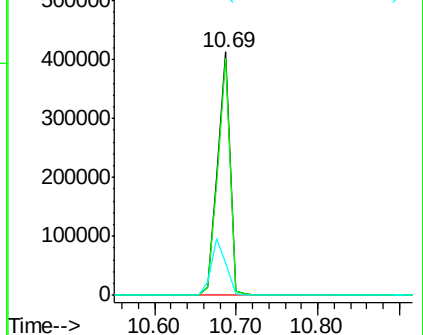
#41
 2,4,6-Tribromophenol
 Concen: 172.49 ng
 RT: 10.69 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF085606.D
 Acq: 20 Mar 2016 8:58

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP

Tgt Ion:330 Resp: 440587
 Ion Ratio Lower Upper
 330 100
 332 96.9 78.2 117.2
 141 28.0 31.5 47.3#

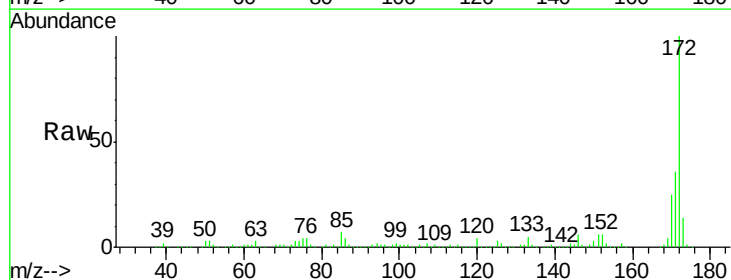


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

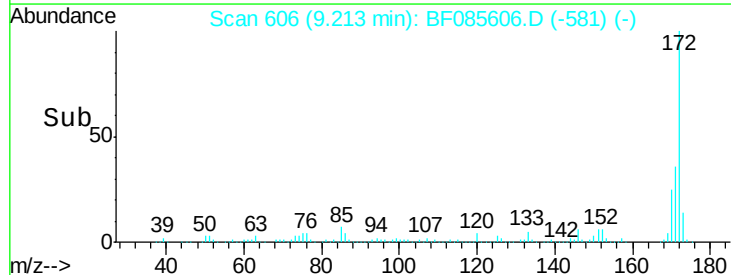
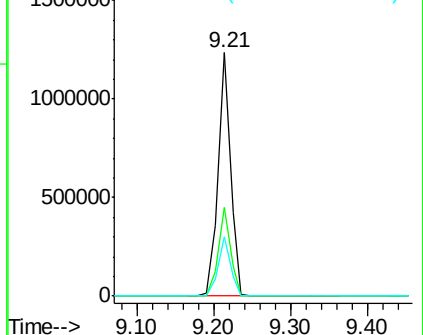


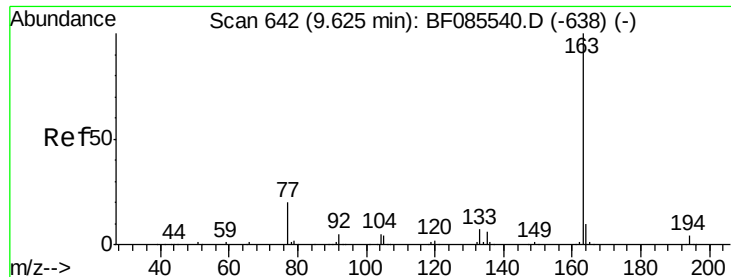
#44
 2-Fluorobiphenyl
 Concen: 94.54 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF085606.D
 Acq: 20 Mar 2016 8:58

Tgt Ion:172 Resp: 1404597
 Ion Ratio Lower Upper
 172 100
 171 36.5 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: 11.76 ng

RT: 9.60 min Scan# 640

Delta R.T. -0.02 min

Lab File: BF085606.D

Acq: 20 Mar 2016 8:58

Instrument :

BNA_F

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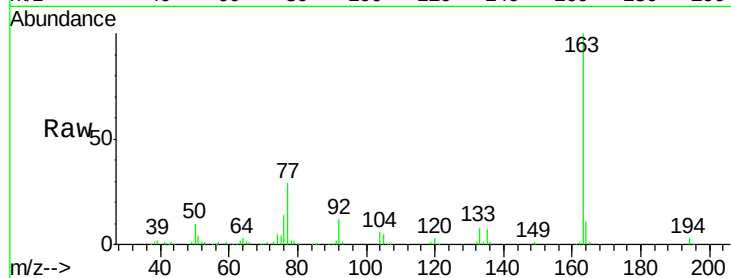
Tgt Ion:163 Resp: 231359

Ion Ratio Lower Upper

163 100

194 3.0 2.9 4.3

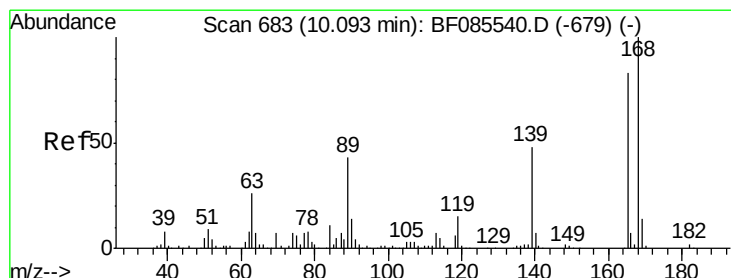
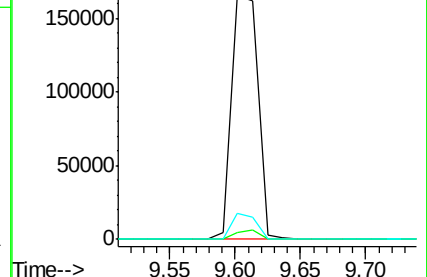
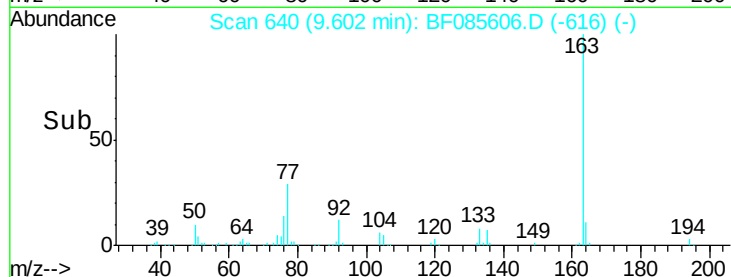
164 10.6 8.3 12.5



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: 6.17 ng

RT: 9.89 min Scan# 665

Delta R.T. -0.21 min

Lab File: BF085606.D

Acq: 20 Mar 2016 8:58

Tgt Ion:165 Resp: 33555

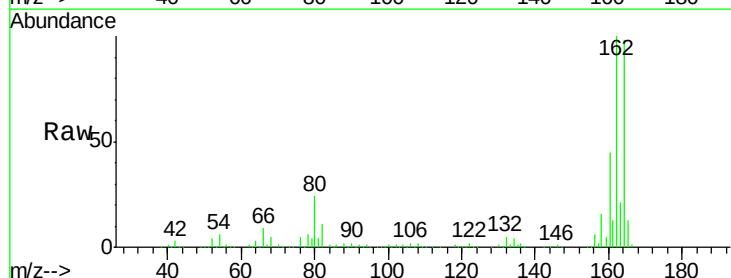
Ion Ratio Lower Upper

165 100

63 1.5 24.9 37.3#

89 1.5 41.0 61.6#

182 0.0 2.1 3.1#

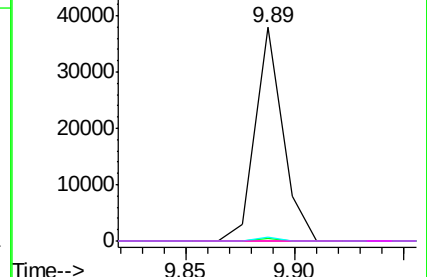
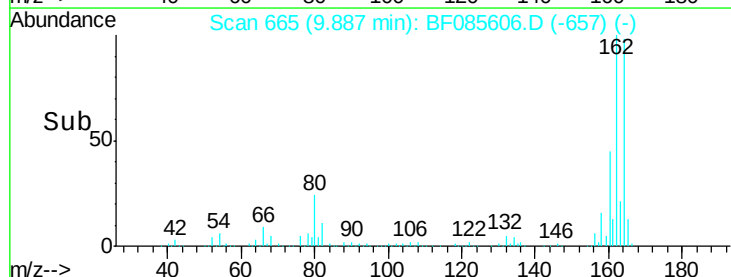


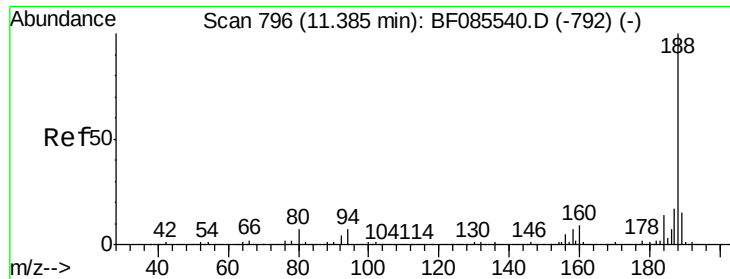
Abundance Ion 165.00 (164.70 to 165.70): E

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

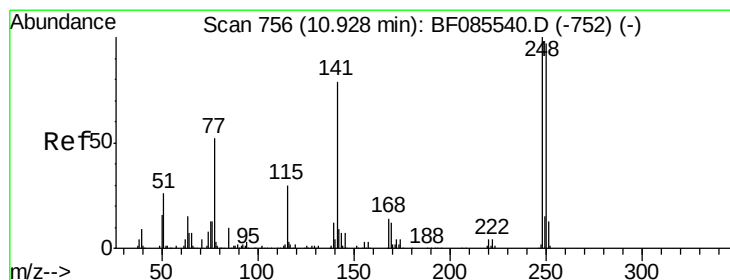
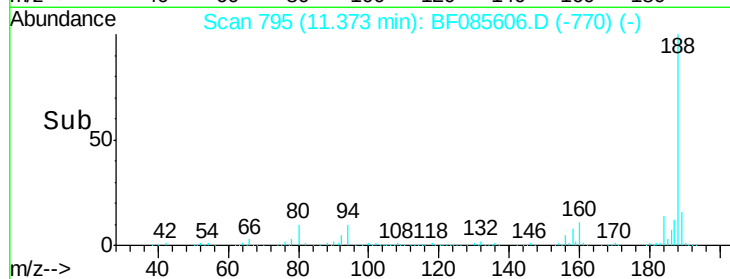
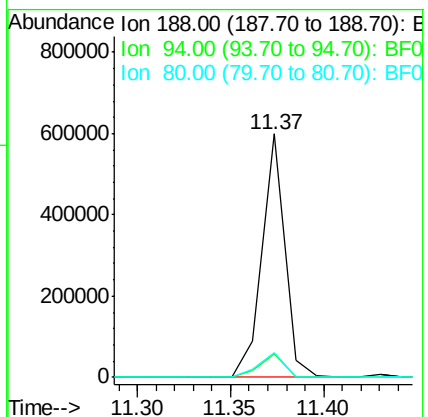
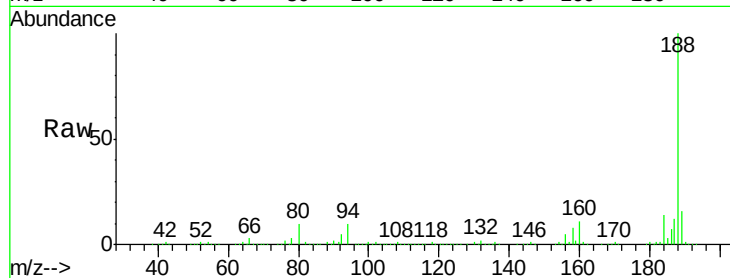




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF085606.D
Acq: 20 Mar 2016 8:58

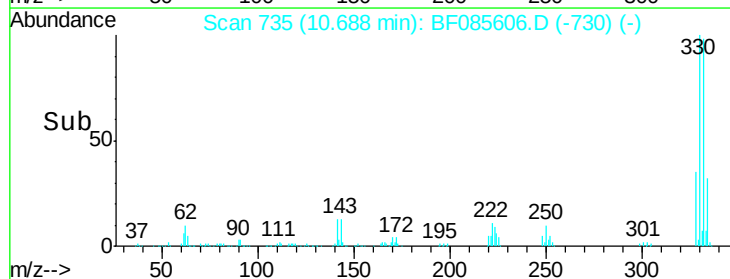
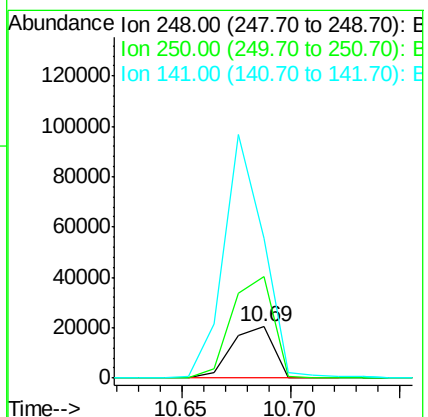
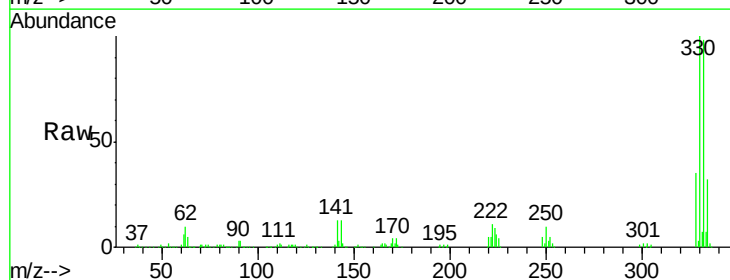
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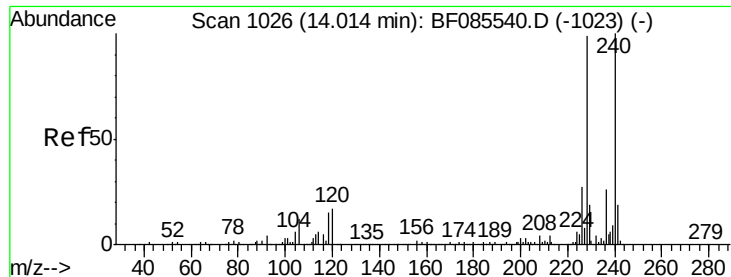
Tgt Ion:188 Resp: 504774
Ion Ratio Lower Upper
188 100
94 9.5 5.4 8.0#
80 10.1 5.5 8.3#



#66
4-Bromophenyl-phenylether
Concen: 5.43 ng
RT: 10.69 min Scan# 735
Delta R.T. -0.24 min
Lab File: BF085606.D
Acq: 20 Mar 2016 8:58

Tgt Ion:248 Resp: 27357
Ion Ratio Lower Upper
248 100
250 197.7 77.4 116.0#
141 272.2 63.6 95.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF085606.D

Acq: 20 Mar 2016 8:58

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP

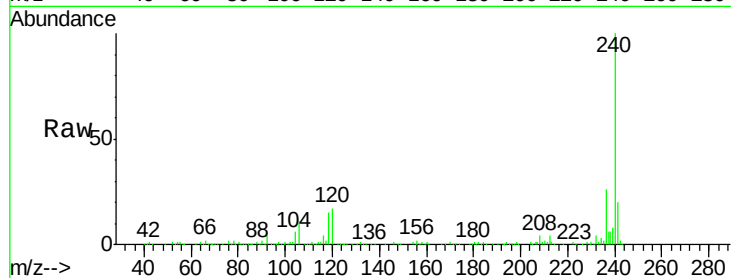
Tgt Ion:240 Resp: 317340

Ion Ratio Lower Upper

240 100

120 17.3 13.8 20.8

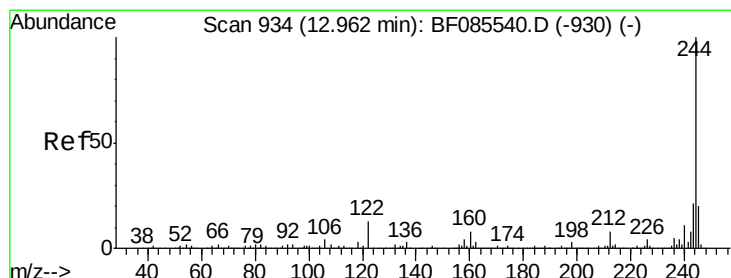
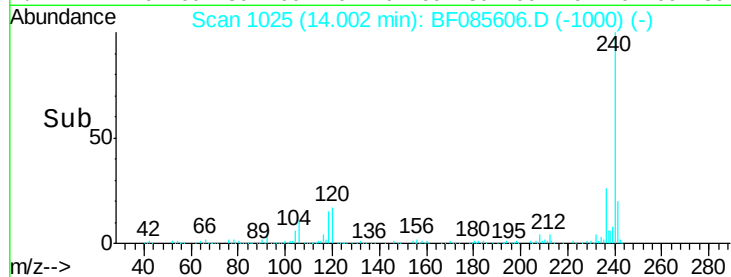
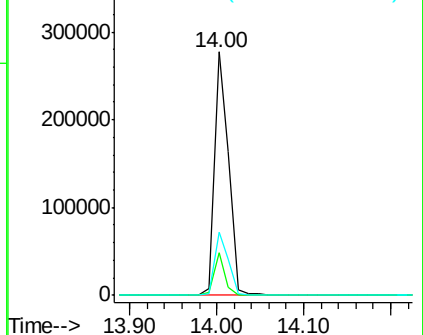
236 26.1 20.6 30.8



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: 99.00 ng

RT: 12.96 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF085606.D

Acq: 20 Mar 2016 8:58

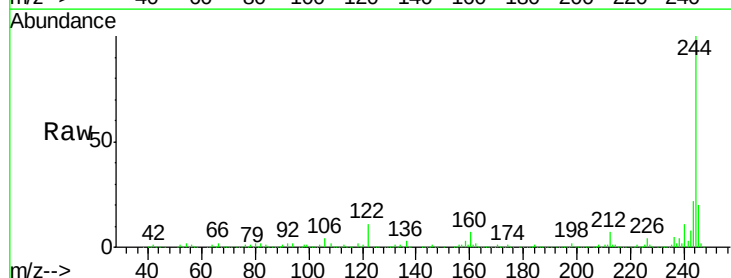
Tgt Ion:244 Resp: 1305603

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

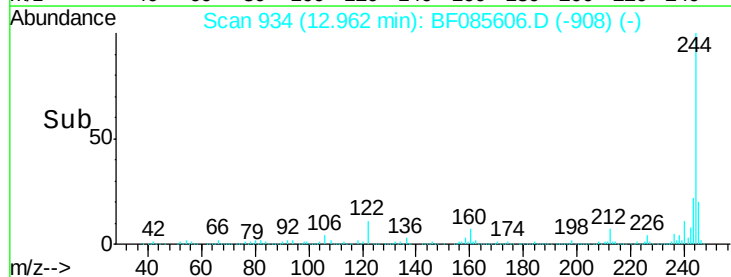
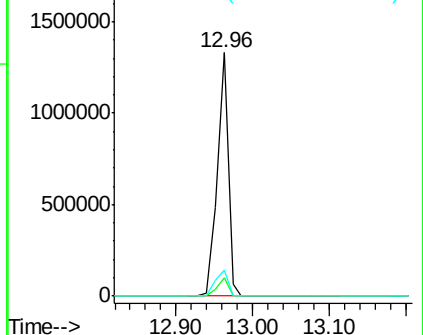
122 10.9 10.2 15.4

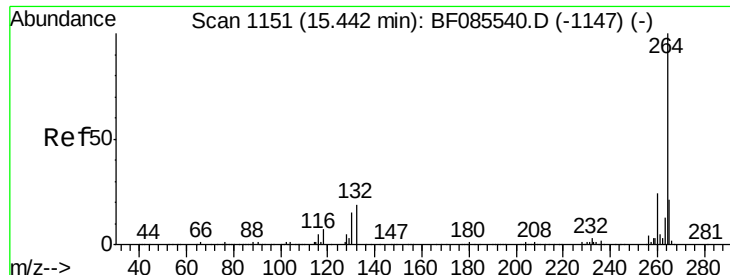


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

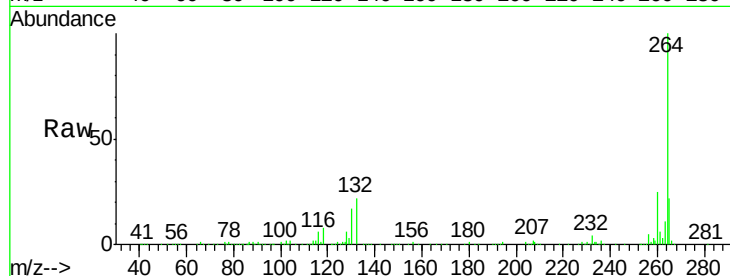




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF085606.D
Acq: 20 Mar 2016 8:58

Instrument :
BNA_F
ClientSampleId :
SB-04-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	22.1	17.2	25.8



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

