

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
 Data File : BF085646.D
 Acq On : 22 Mar 2016 4:49
 Operator : UM/SJ
 Sample : H1840-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-11-18.0-19.0

Quant Time: Mar 22 04:13:26 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

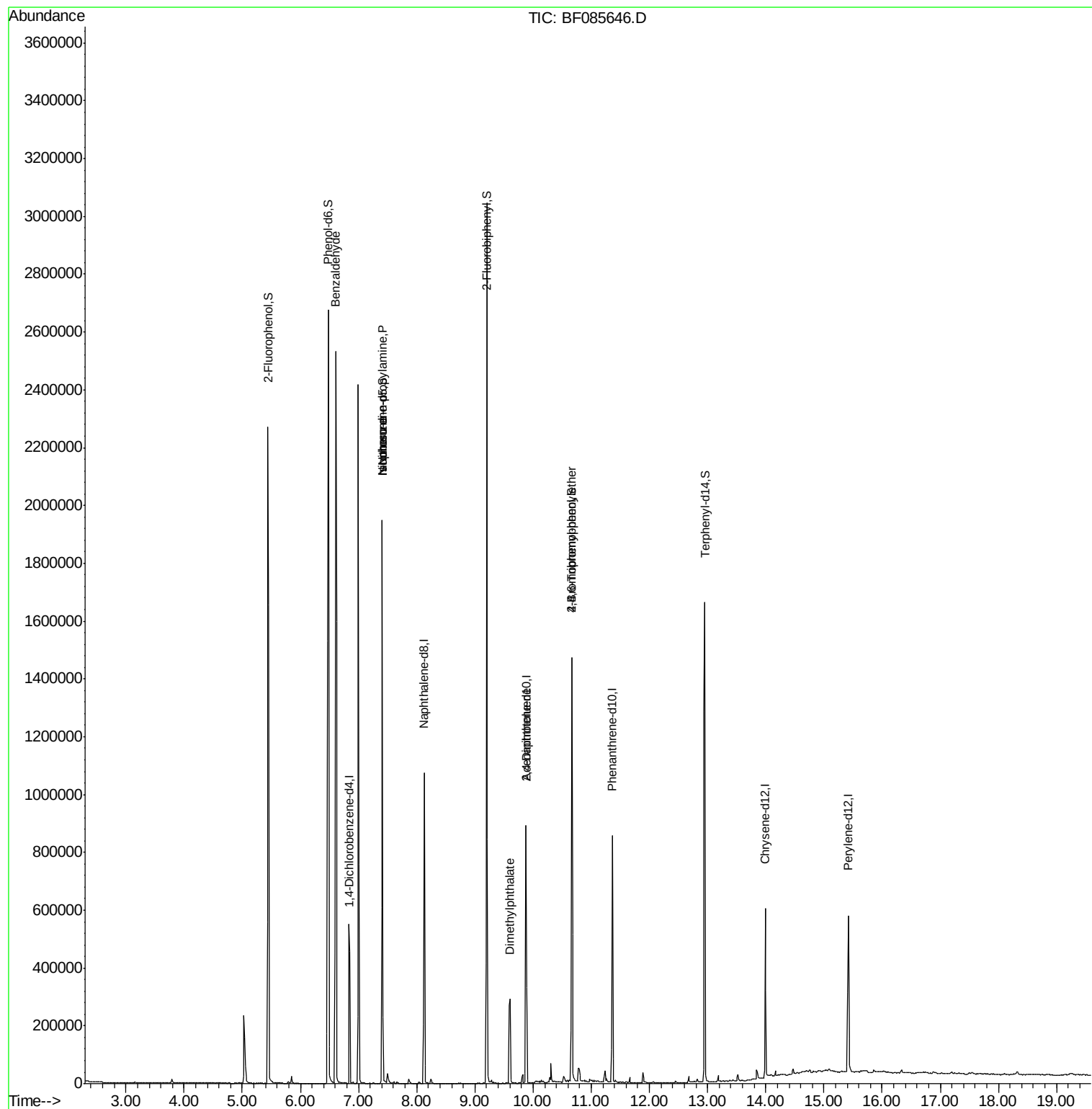
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	118330	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	472802	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	184311	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	294115	20.00	ng	-0.02
75) Chrysene-d12	13.99	240	231729	20.00	ng	-0.02
86) Perylene-d12	15.42	264	239945	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1004182	142.54	ng	-0.01
7) Phenol-d6	6.48	99	1191457	131.86	ng	-0.01
23) Nitrobenzene-d5	7.41	82	696152	85.47	ng	-0.02
41) 2,4,6-Tribromophenol	10.66	330	193971	107.44	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	1030089	99.61	ng	-0.02
78) Terphenyl-d14	12.95	244	702542	72.95	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.61	77	20905	2.67	ng	Qvalue 81
19) n-Nitroso-di-n-propylamine	7.41	70	92438	17.13	ng	# 79
25) Isophorone	7.41	82	544197	33.37	ng	# 68
49) Dimethylphthalate	9.60	163	183746	13.21	ng	98
56) 2,4-Dinitrotoluene	9.88	165	23165	6.03	ng	# 36
66) 4-Bromophenyl-phenylether	10.66	248	12727	4.33	ng	# 1

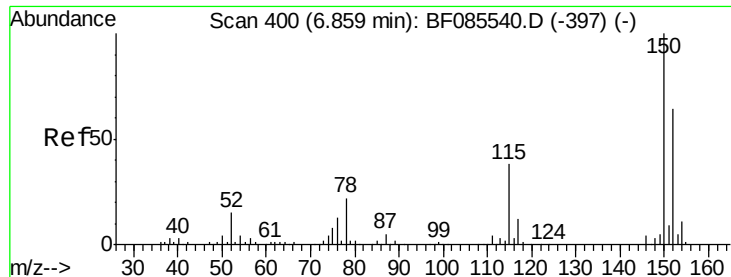
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF085646.D

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Instrument :

BNA_F

ClientSampleId :

PJ-SB-11-18.0-19.0

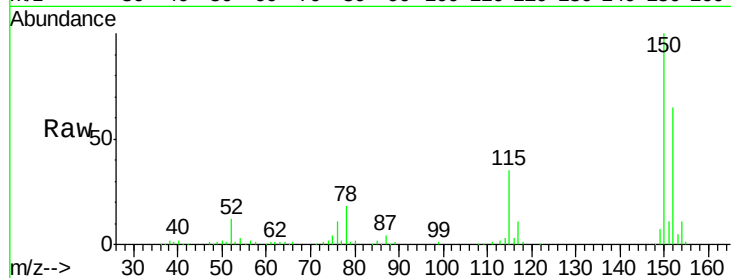
Tgt Ion:152 Resp: 118330

Ion Ratio Lower Upper

152 100

150 154.2 124.2 186.2

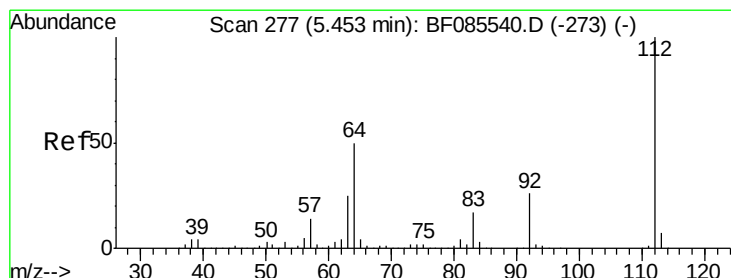
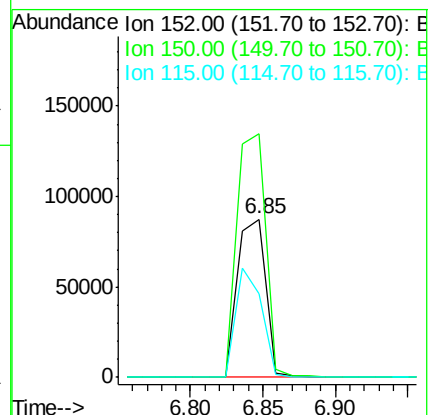
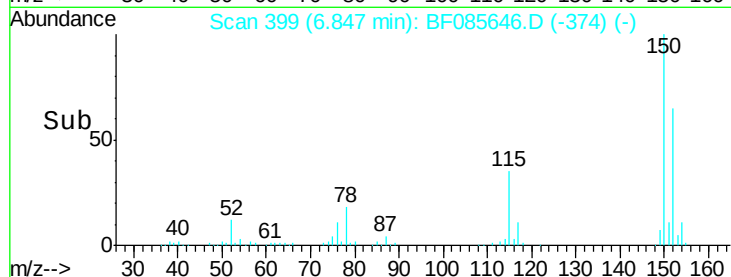
115 53.3 47.0 70.6



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: 142.54 ng

RT: 5.44 min Scan# 276

Delta R.T. -0.01 min

Lab File: BF085646.D

Acq: 22 Mar 2016 4:49

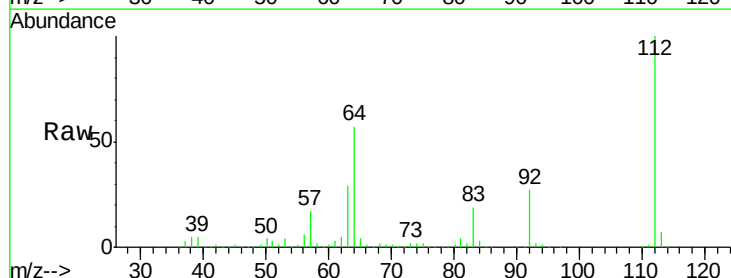
Tgt Ion:112 Resp: 1004182

Ion Ratio Lower Upper

112 100

64 57.0 39.9 59.9

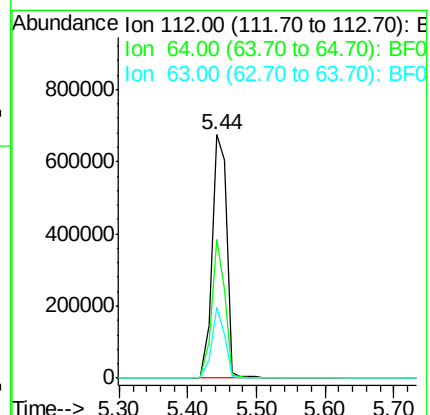
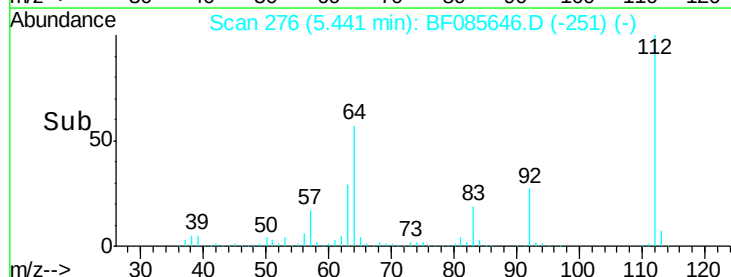
63 28.9 20.2 30.2

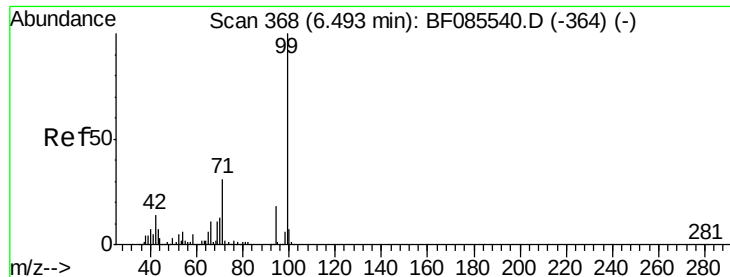


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 131.86 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF085646.D

Acq: 22 Mar 2016 4:49

Instrument :

BNA_F

ClientSampleId :

PJ-SB-11-18.0-19.0

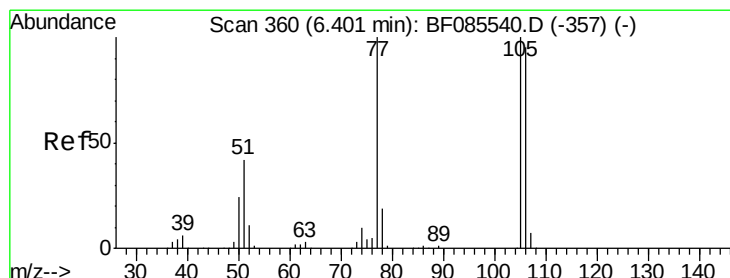
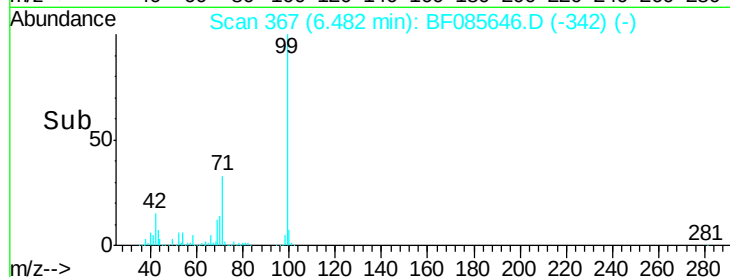
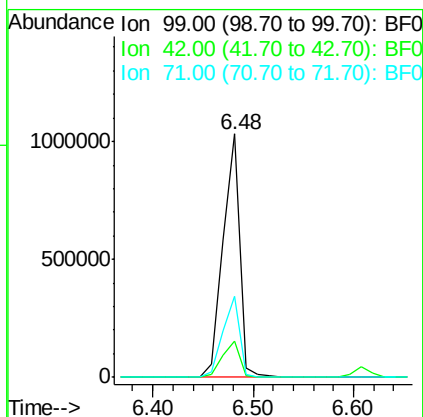
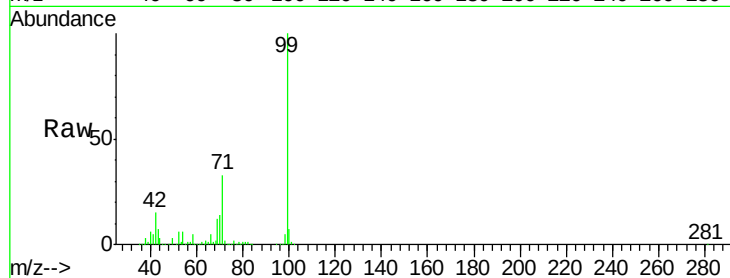
Tgt Ion: 99 Resp: 1191457

Ion Ratio Lower Upper

99 100

42 15.1 11.1 16.7

71 33.3 24.9 37.3



#9

Benzaldehyde

Concen: 2.67 ng

RT: 6.61 min Scan# 378

Delta R.T. 0.21 min

Lab File: BF085646.D

Acq: 22 Mar 2016 4:49

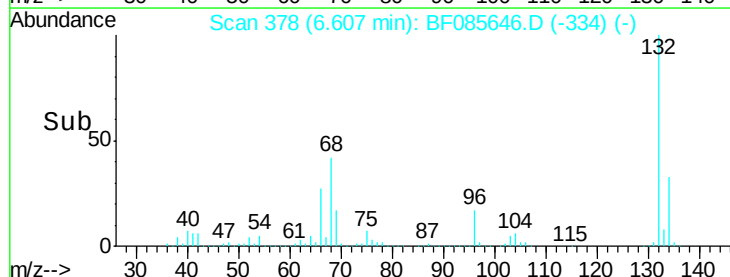
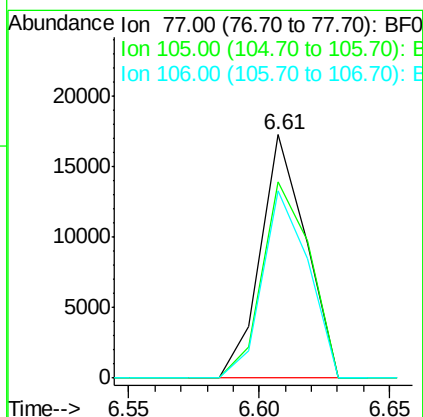
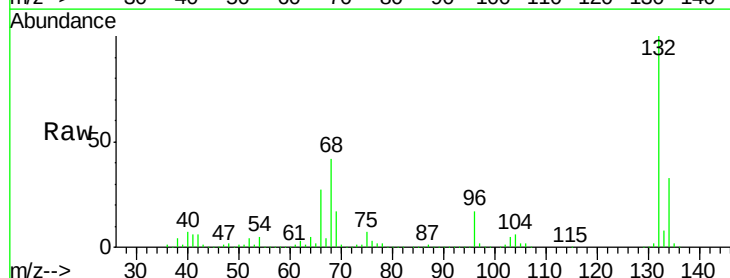
Tgt Ion: 77 Resp: 20905

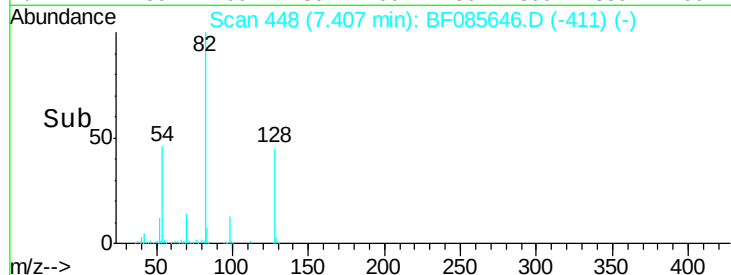
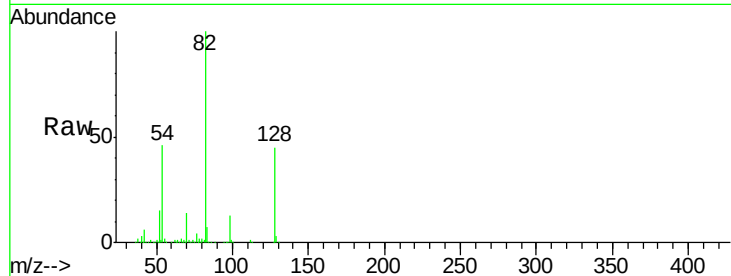
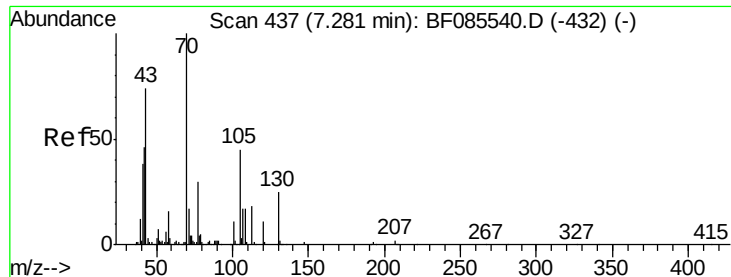
Ion Ratio Lower Upper

77 100

105 80.6 80.1 120.1

106 77.1 75.0 115.0

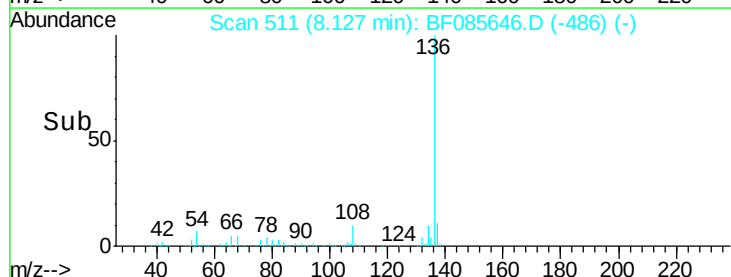
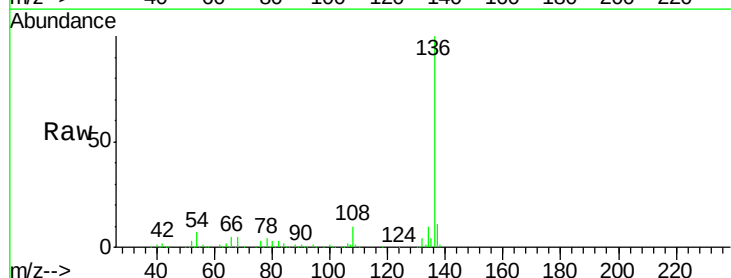
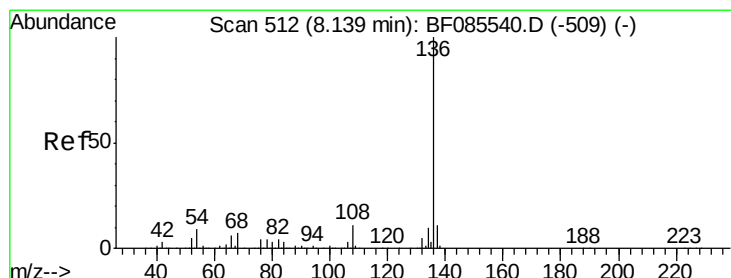
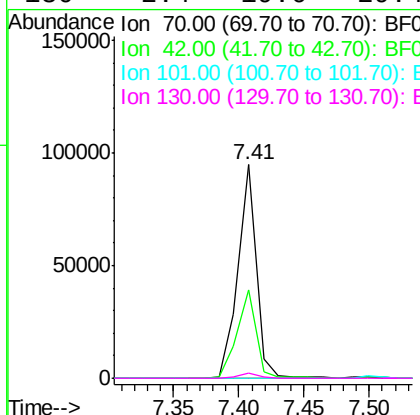




#19
n-Nitroso-di-n-propylamine
Concen: 17.13 ng
RT: 7.41 min Scan# 448
Delta R.T. 0.13 min
Lab File: BF085646.D
Acq: 22 Mar 2016 4:49

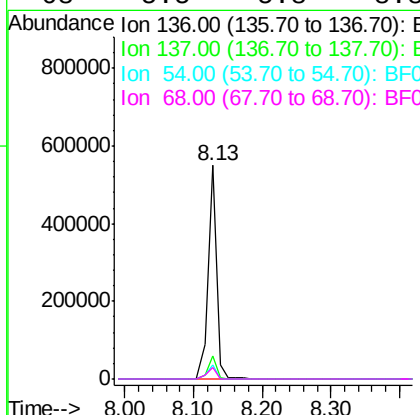
Instrument :
BNA_F
ClientSampleId :
PJ-SB-11-18.0-19.0

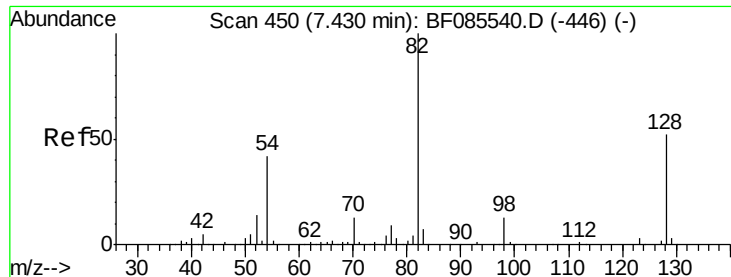
Tgt Ion: 70 Resp: 92438
Ion Ratio Lower Upper
70 100
42 41.4 37.1 55.7
101 0.0 8.6 12.8#
130 2.4 19.6 29.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF085646.D
Acq: 22 Mar 2016 4:49

Tgt Ion: 136 Resp: 472802
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 6.6 7.4 11.0#
68 5.5 5.8 8.8#

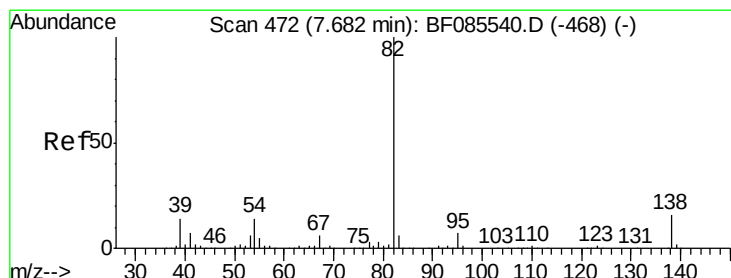
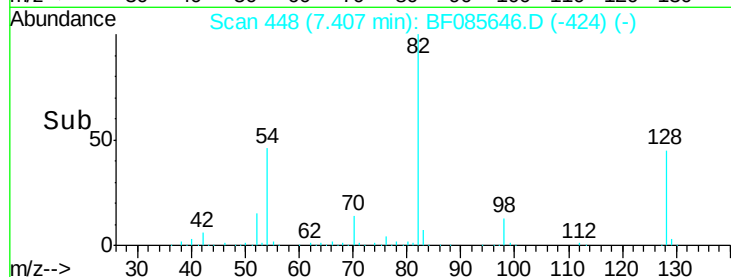
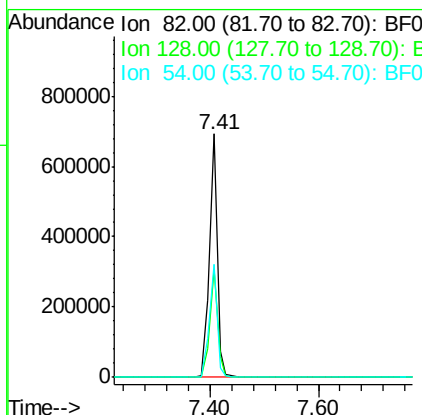
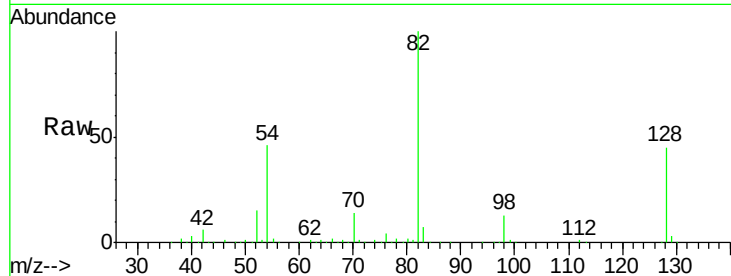




#23
 Nitrobenzene-d5
 Concen: 85.47 ng
 RT: 7.41 min Scan# 448
 Delta R.T. -0.02 min
 Lab File: BF085646.D
 Acq: 22 Mar 2016 4:49

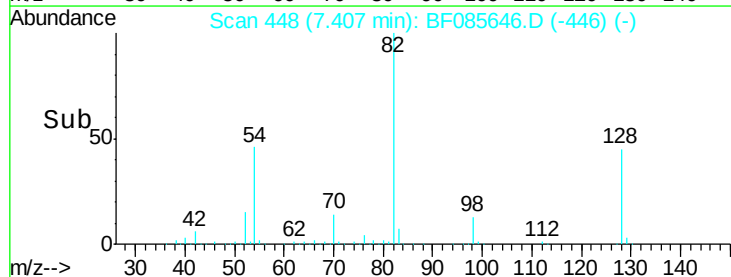
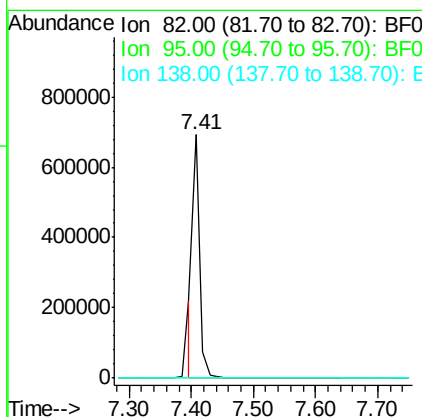
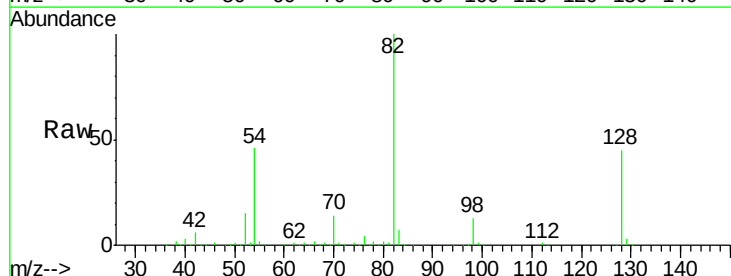
Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-11-18.0-19.0

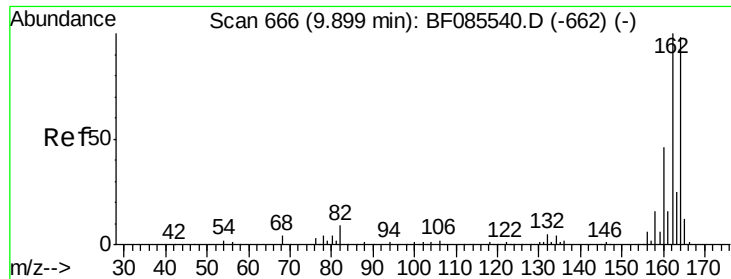
Tgt Ion: 82 Resp: 696152
 Ion Ratio Lower Upper
 82 100
 128 44.5 41.8 62.8
 54 46.3 33.4 50.0



#25
 Isophorone
 Concen: 33.37 ng
 RT: 7.41 min Scan# 448
 Delta R.T. -0.27 min
 Lab File: BF085646.D
 Acq: 22 Mar 2016 4:49

Tgt Ion: 82 Resp: 544197
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.2#
 138 0.0 12.9 19.3#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 664

Delta R.T. -0.02 min

Lab File: BF085646.D

Acq: 22 Mar 2016 4:49

Instrument :

BNA_F

ClientSampleId :

PJ-SB-11-18.0-19.0

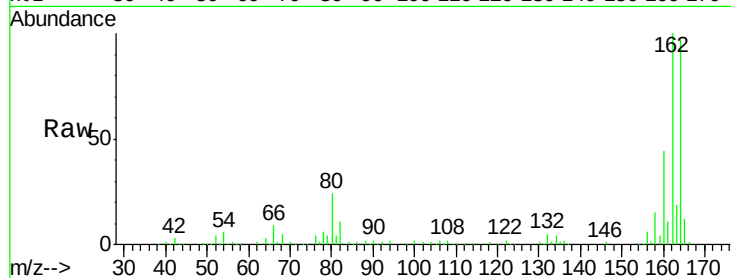
Tgt Ion:164 Resp: 184311

Ion Ratio Lower Upper

164 100

162 103.1 82.1 123.1

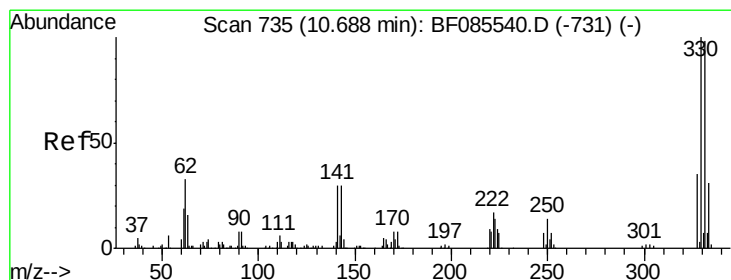
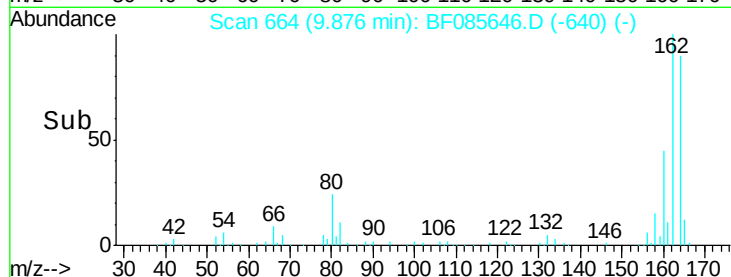
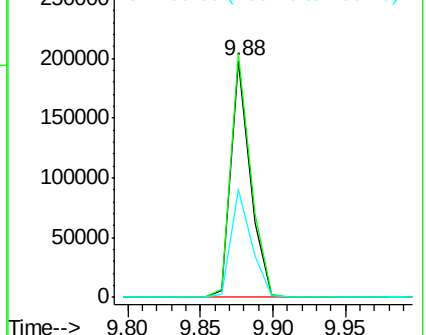
160 45.8 37.4 56.2



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: 107.44 ng

RT: 10.66 min Scan# 733

Delta R.T. -0.02 min

Lab File: BF085646.D

Acq: 22 Mar 2016 4:49

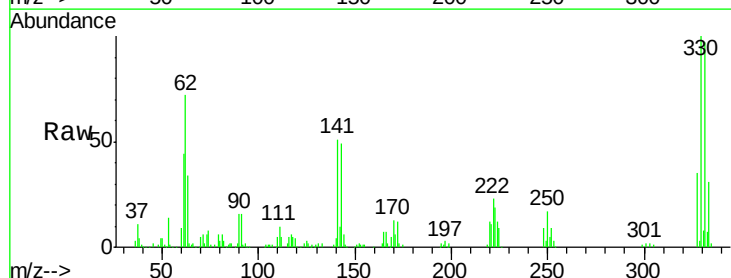
Tgt Ion:330 Resp: 193971

Ion Ratio Lower Upper

330 100

332 97.2 78.2 117.2

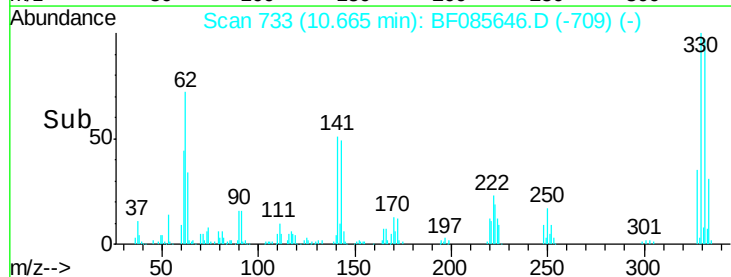
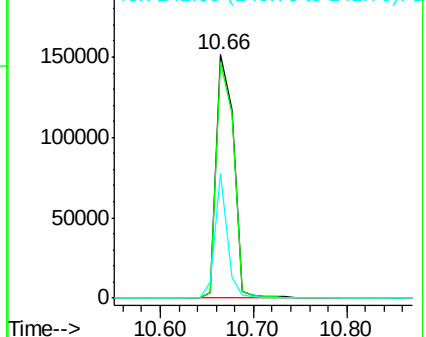
141 36.5 31.5 47.3

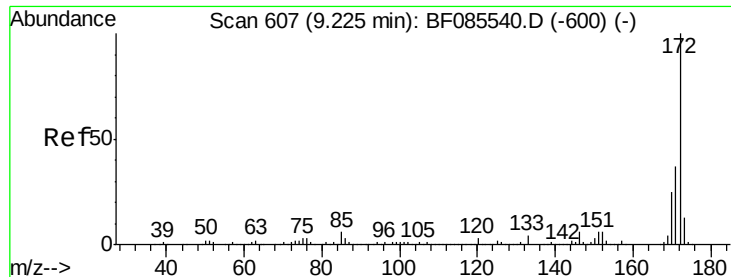


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

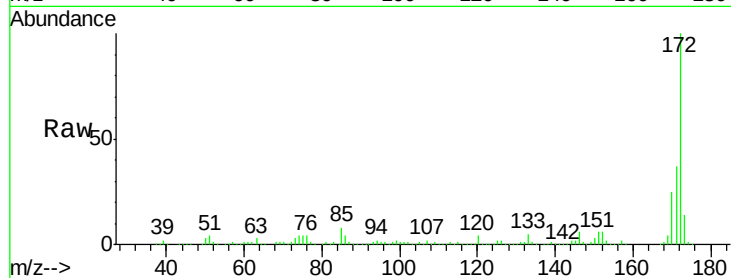




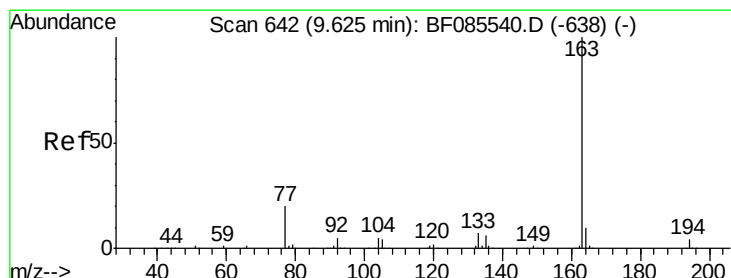
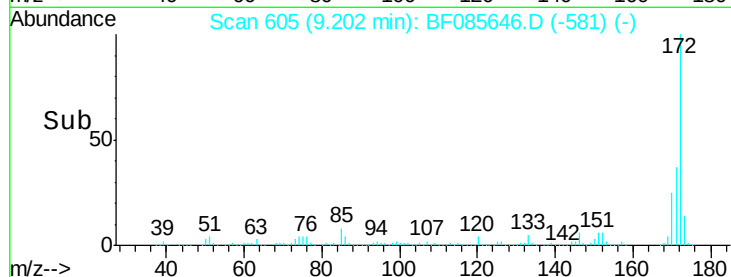
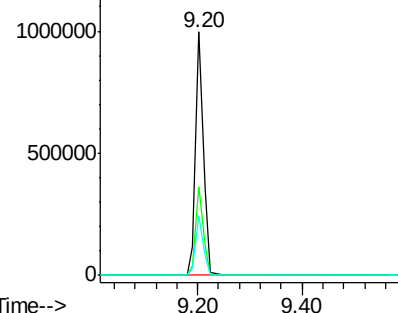
#44
 2-Fluorobiphenyl
 Concen: 99.61 ng
 RT: 9.20 min Scan# 605
 Delta R.T. -0.02 min
 Lab File: BF085646.D
 Acq: 22 Mar 2016 4:49

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-11-18.0-19.0

Tgt Ion:172 Resp: 1030089
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.2
 170 24.5 19.8 29.6

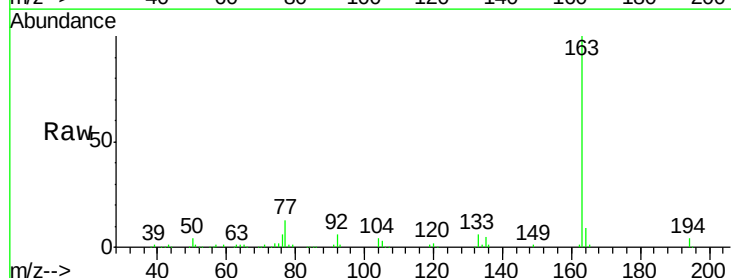


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

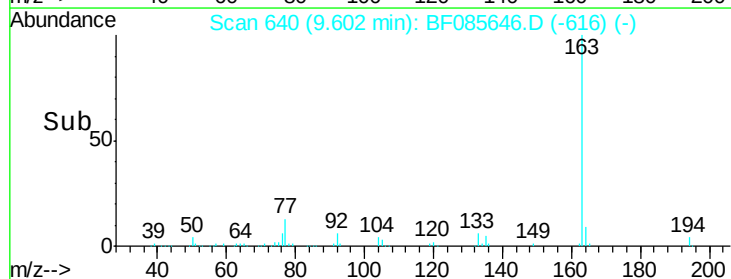
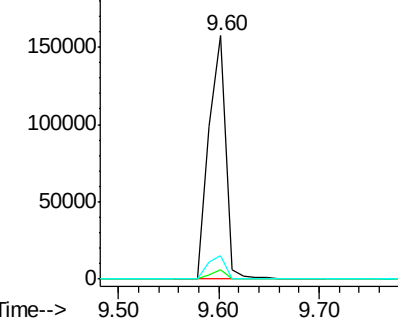


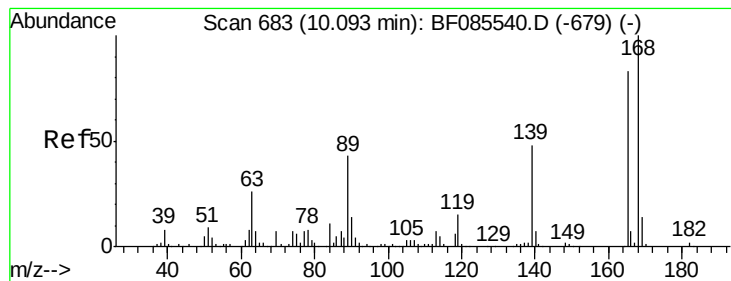
#49
 Dimethylphthalate
 Concen: 13.21 ng
 RT: 9.60 min Scan# 640
 Delta R.T. -0.02 min
 Lab File: BF085646.D
 Acq: 22 Mar 2016 4:49

Tgt Ion:163 Resp: 183746
 Ion Ratio Lower Upper
 163 100
 194 3.8 2.9 4.3
 164 9.5 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

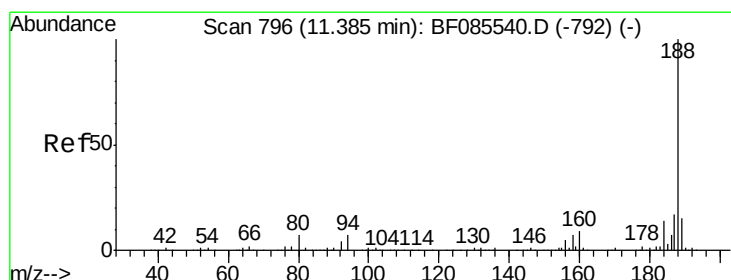
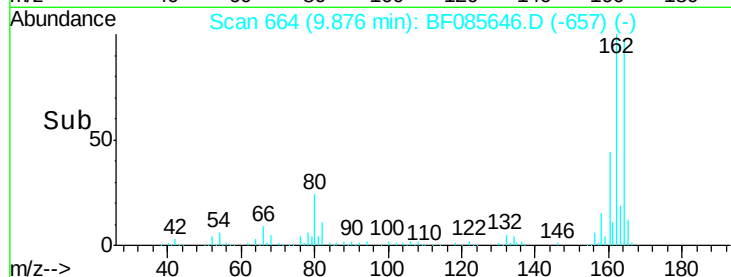
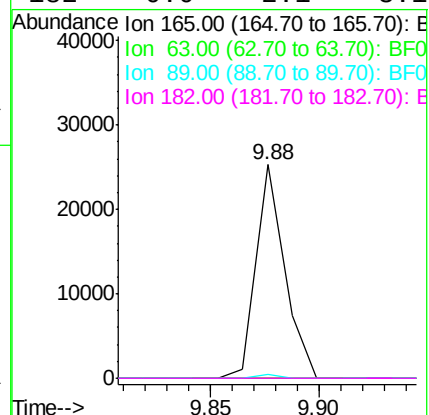
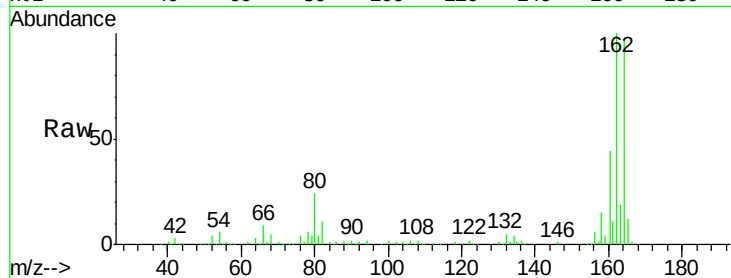




#56
 2,4-Dinitrotoluene
 Concen: 6.03 ng
 RT: 9.88 min Scan# 664
 Delta R.T. -0.22 min
 Lab File: BF085646.D
 Acq: 22 Mar 2016 4:49

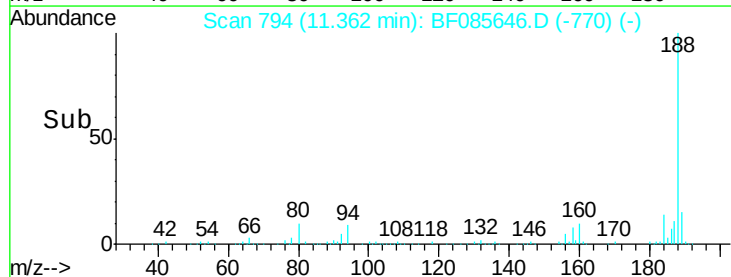
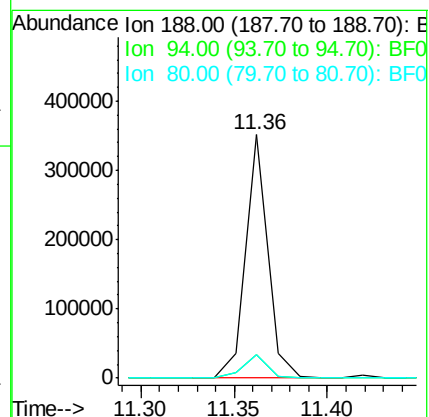
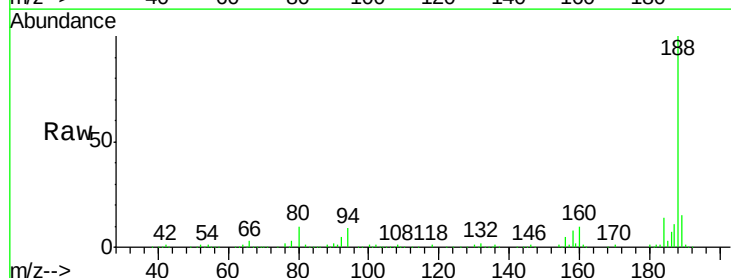
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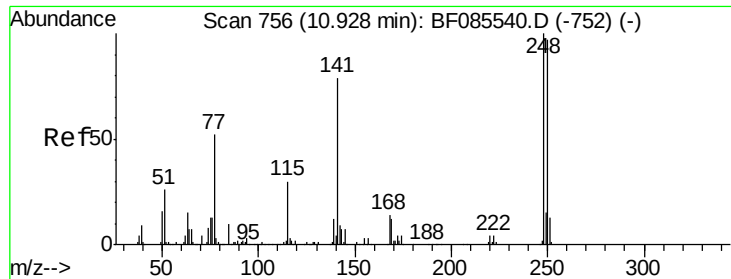
Tgt Ion:	165	Resp:	23165
Ion Ratio	Lower	Upper	
165	100		
63	0.0	24.9	37.3#
89	1.7	41.0	61.6#
182	0.0	2.1	3.1#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 794
 Delta R.T. -0.02 min
 Lab File: BF085646.D
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Tgt Ion:	188	Resp:	294115
Ion Ratio	Lower	Upper	
188	100		
94	9.4	5.4	8.0#
80	9.8	5.5	8.3#

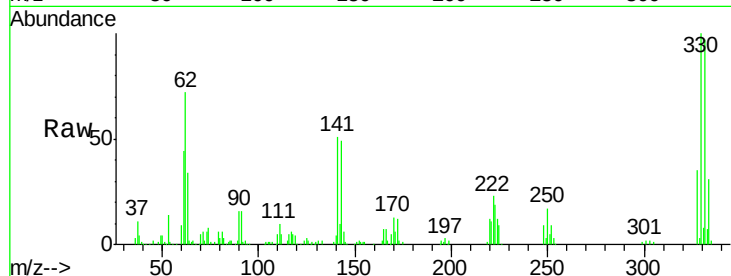




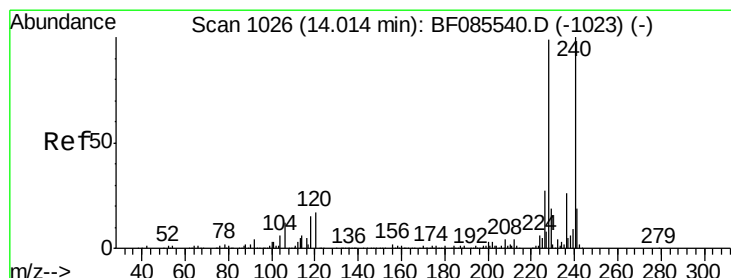
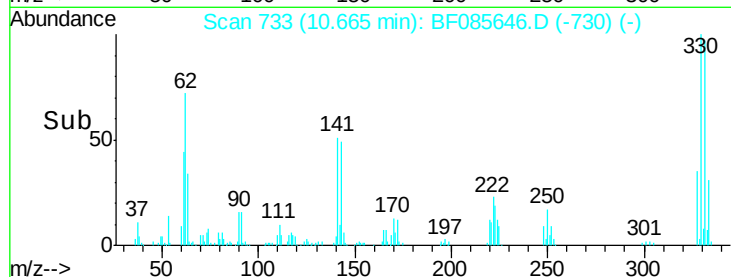
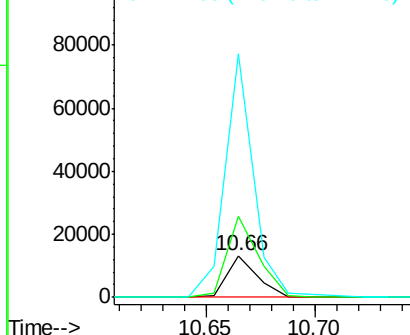
#66
 4-Bromophenyl-phenylether
 Concen: 4.33 ng
 RT: 10.66 min Scan# 733
 Delta R.T. -0.26 min
 Lab File: BF085646.D
 Acq: 22 Mar 2016 4:49

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-11-18.0-19.0

Tgt Ion:248 Resp: 12727
 Ion Ratio Lower Upper
 248 100
 250 193.8 77.4 116.0#
 141 581.5 63.6 95.4#

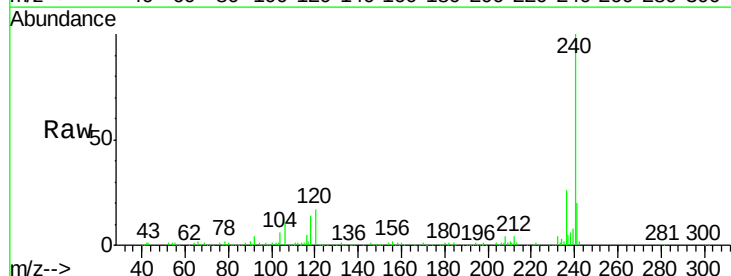


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

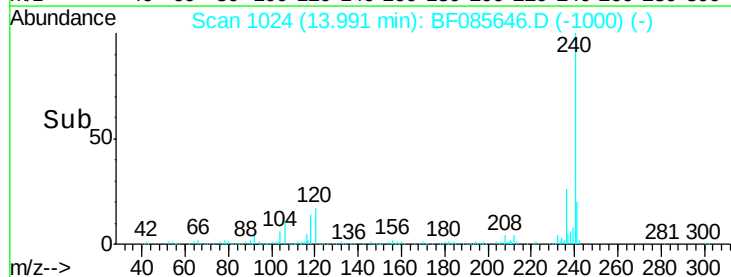
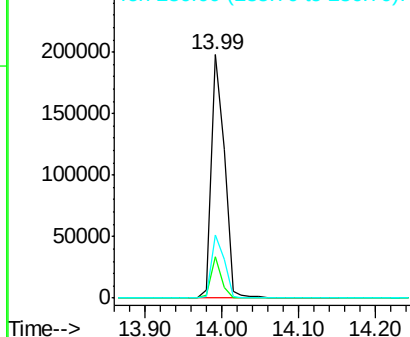


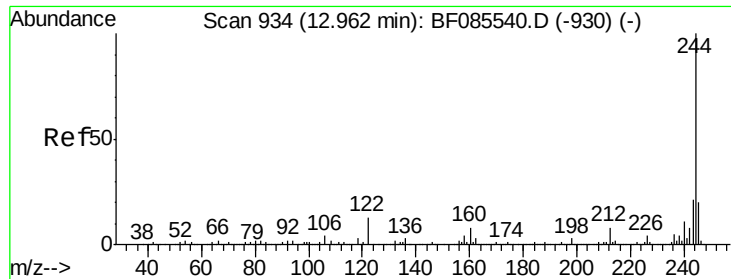
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.99 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BF085646.D
 Acq: 22 Mar 2016 4:49

Tgt Ion:240 Resp: 231729
 Ion Ratio Lower Upper
 240 100
 120 16.8 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

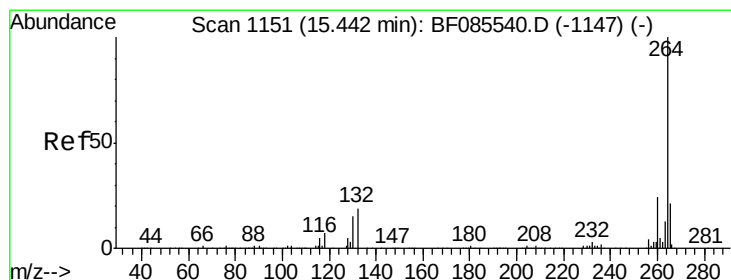
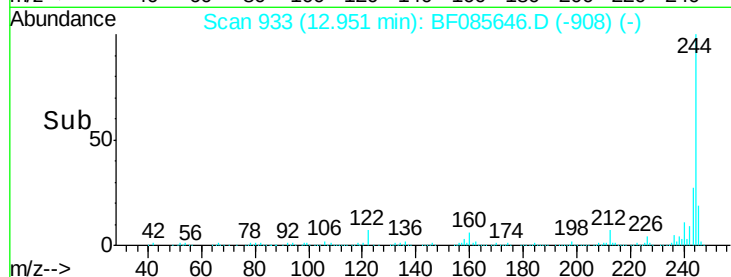
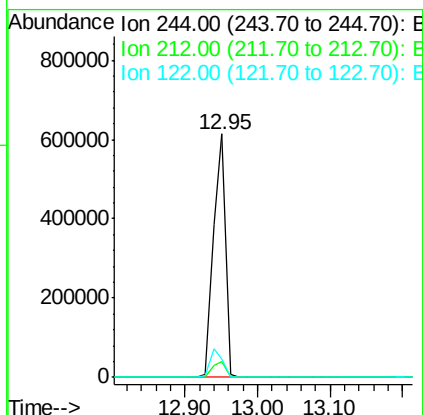
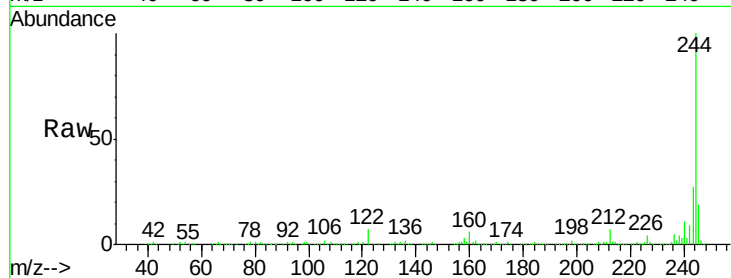




#78
 Terphenyl-d14
 Concen: 72.95 ng
 RT: 12.95 min Scan# 933
 Delta R.T. -0.01 min
 Lab File: BF085646.D
 Acq: 22 Mar 2016 4:49

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-11-18.0-19.0

Tgt Ion: 244 Resp: 702542
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.1 9.1
 122 7.4 10.2 15.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.42 min Scan# 1149
 Delta R.T. -0.02 min
 Lab File: BF085646.D
 Acq: 22 Mar 2016 4:49

Tgt Ion: 264 Resp: 239945
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.4 29.2
 265 21.4 17.2 25.8

