

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
 Data File : BF085639.D
 Acq On : 21 Mar 2016 23:14
 Operator : UM/SJ
 Sample : H1841-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM(7)

Quant Time: Mar 22 00:14:40 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

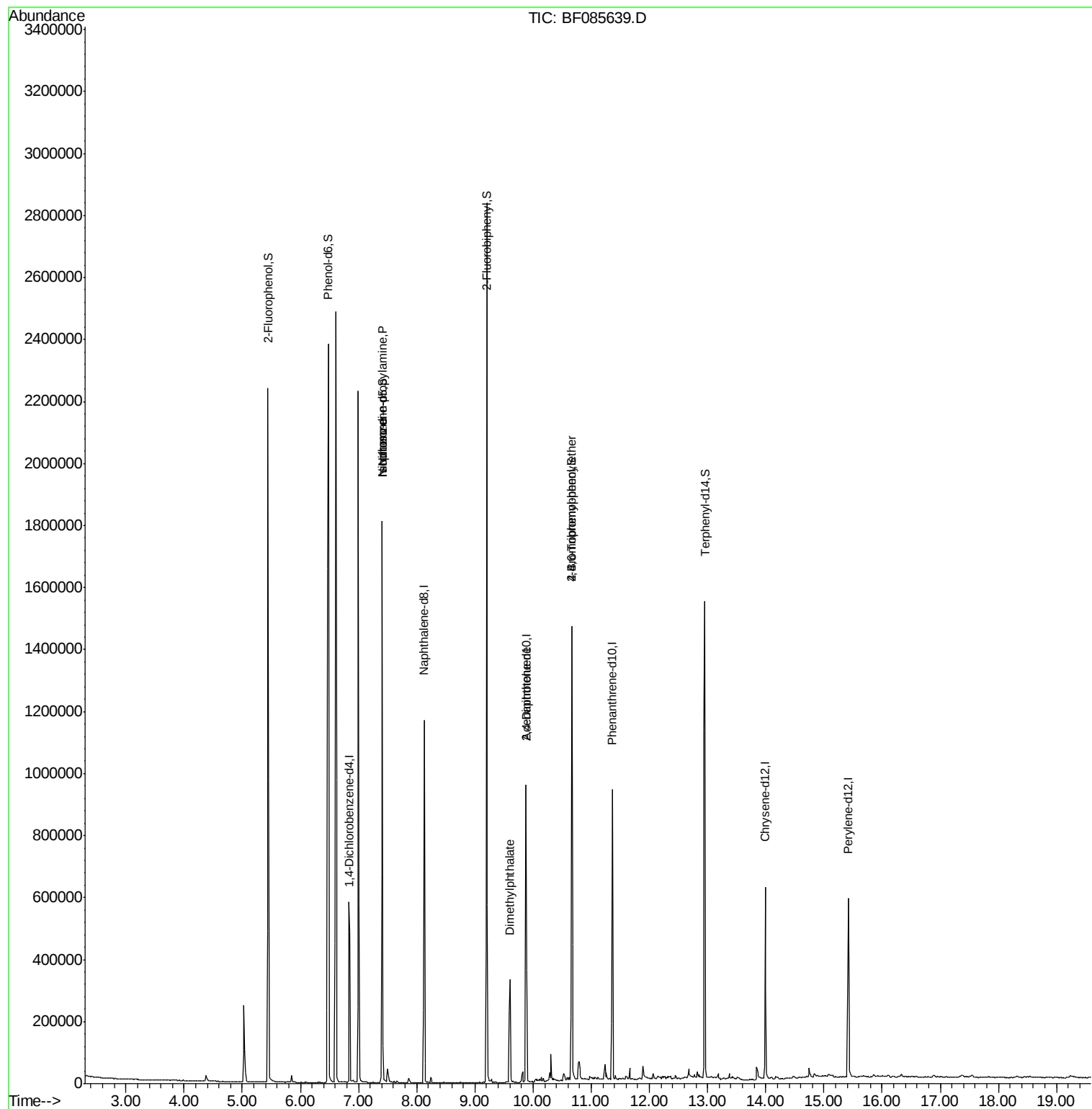
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	127042	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	516170	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	199645	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	329463	20.00	ng	-0.02
75) Chrysene-d12	13.99	240	236707	20.00	ng	-0.02
86) Perylene-d12	15.42	264	251851	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	822055	108.69	ng	-0.01
7) Phenol-d6	6.48	99	1173179	120.94	ng	-0.01
23) Nitrobenzene-d5	7.41	82	651969	73.32	ng	-0.02
41) 2,4,6-Tribromophenol	10.66	330	186044	95.13	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	910541	75.68	ng	-0.02
78) Terphenyl-d14	12.95	244	620697	63.10	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	85993	14.84	ng	# 78
25) Isophorone	7.41	82	479291	26.92	ng	# 68
49) Dimethylphthalate	9.60	163	185099	12.29	ng	98
56) 2,4-Dinitrotoluene	9.88	165	25422	6.11	ng	# 37
66) 4-Bromophenyl-phenylether	10.66	248	11996	3.64	ng	# 1

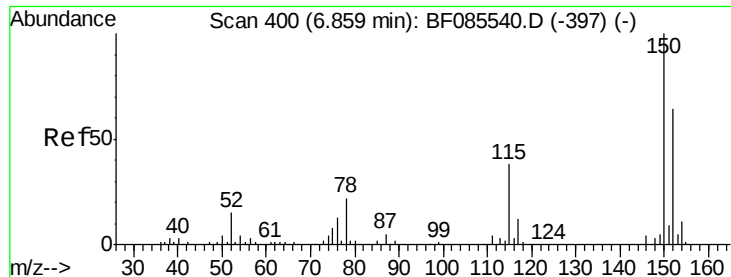
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 399

Delta R.T. -0.01 min

Lab File: BF085639.D

Acq: 21 Mar 2016 23:14

Instrument :

BNA_F

ClientSampleId :

BOTTOM(7)

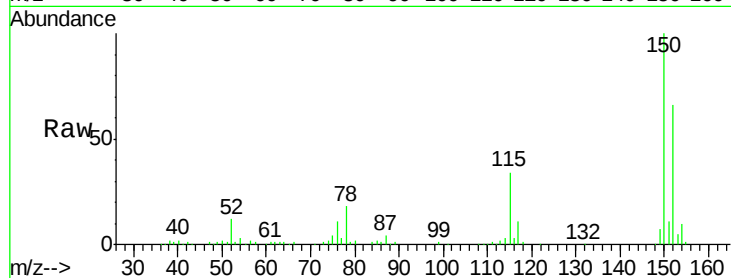
Tgt Ion:152 Resp: 127042

Ion Ratio Lower Upper

152 100

150 151.0 124.2 186.2

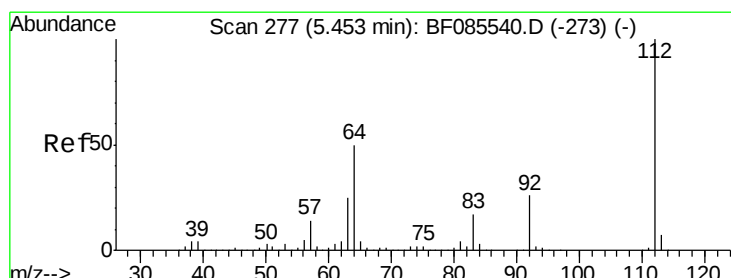
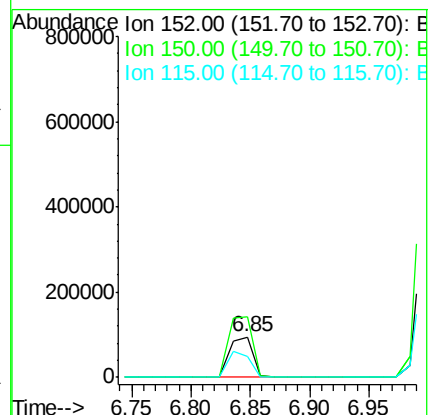
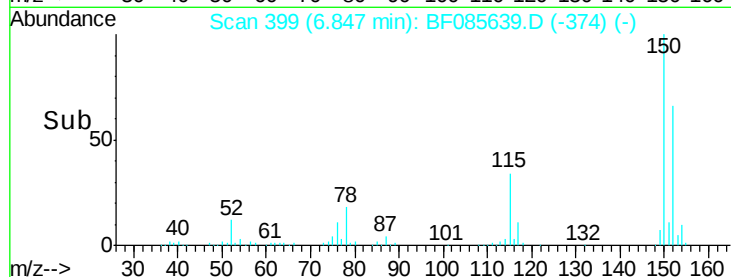
115 51.8 47.0 70.6



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: 108.69 ng

RT: 5.44 min Scan# 276

Delta R.T. -0.01 min

Lab File: BF085639.D

Acq: 21 Mar 2016 23:14

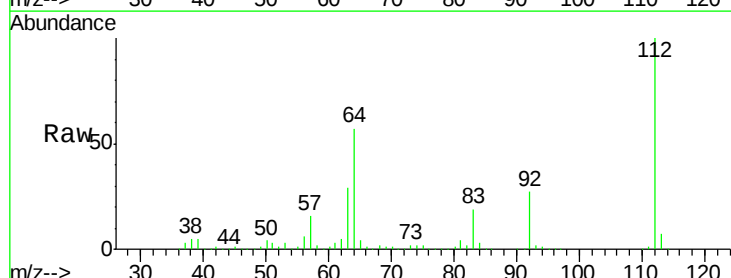
Tgt Ion:112 Resp: 822055

Ion Ratio Lower Upper

112 100

64 57.1 39.9 59.9

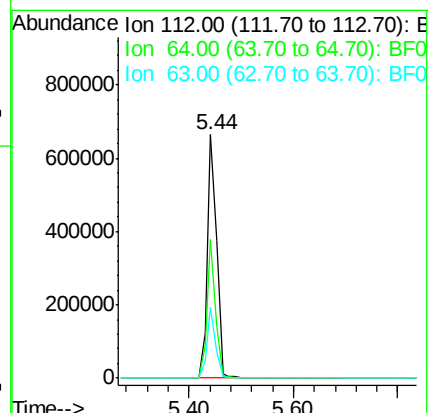
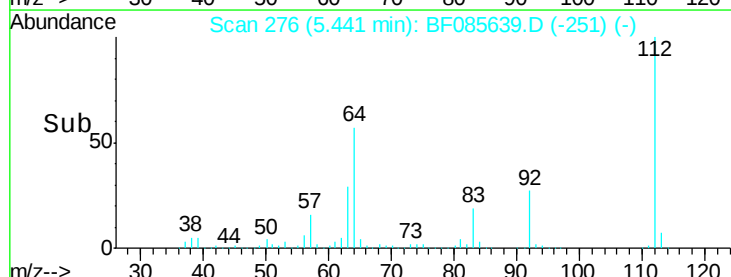
63 29.3 20.2 30.2



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: 120.94 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF085639.D

Acq: 21 Mar 2016 23:14

Instrument :

BNA_F

ClientSampleId :

BOTTOM(7)

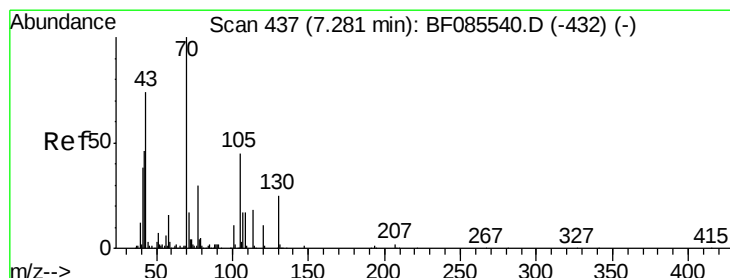
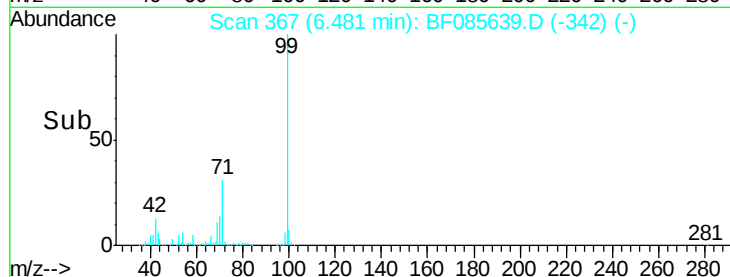
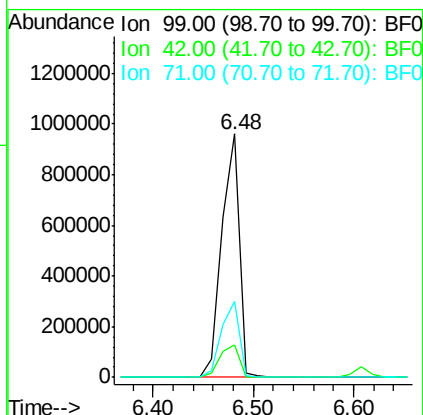
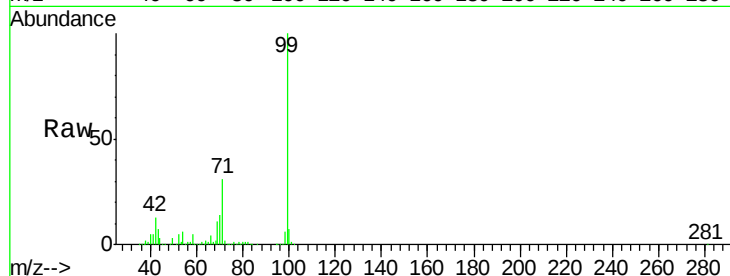
Tgt Ion: 99 Resp: 1173179

Ion Ratio Lower Upper

99 100

42 13.1 11.1 16.7

71 31.2 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 14.84 ng

RT: 7.41 min Scan# 448

Delta R.T. 0.13 min

Lab File: BF085639.D

Acq: 21 Mar 2016 23:14

Tgt Ion: 70 Resp: 85993

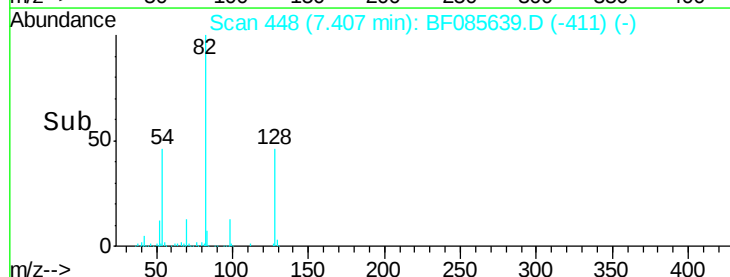
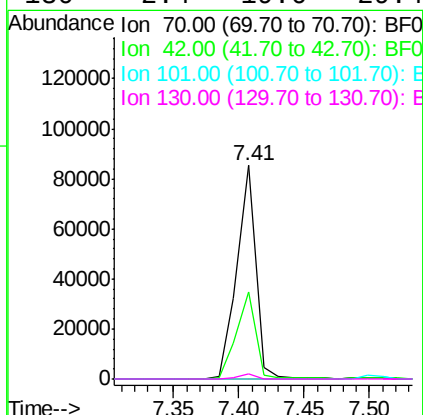
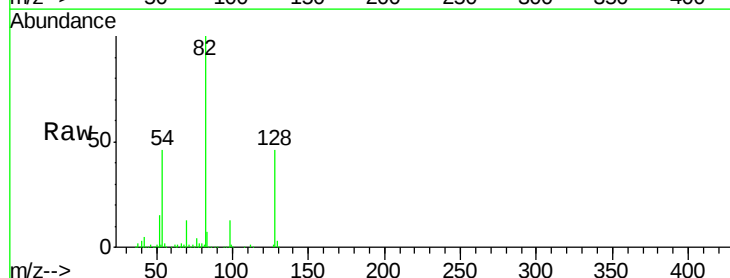
Ion Ratio Lower Upper

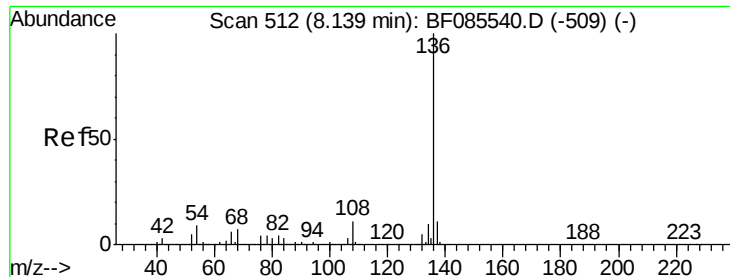
70 100

42 40.8 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: BF085639.D

Acq: 21 Mar 2016 23:14

Instrument :

BNA_F

ClientSampleId :

BOTTOM(7)

Tgt Ion:136 Resp: 516170

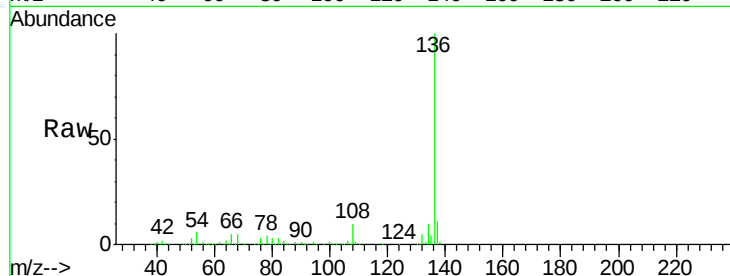
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 6.3 7.4 11.0#

68 5.4 5.8 8.8#

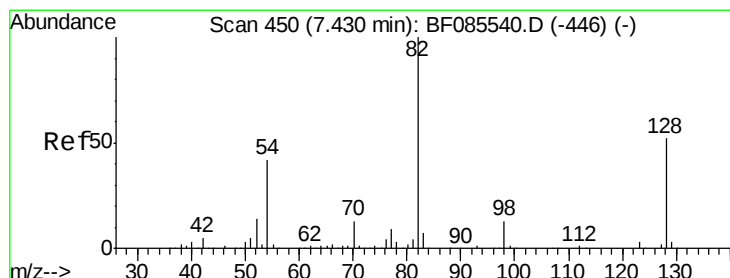
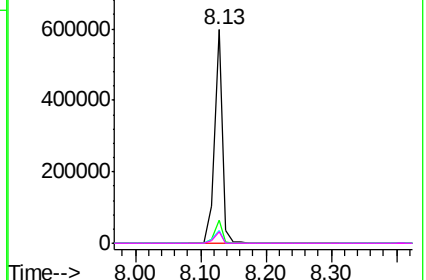
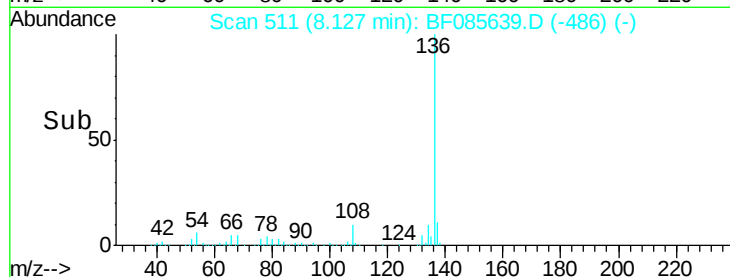


Abundance Ion 136.00 (135.70 to 136.70): E

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: 73.32 ng

RT: 7.41 min Scan# 448

Delta R.T. -0.02 min

Lab File: BF085639.D

Acq: 21 Mar 2016 23:14

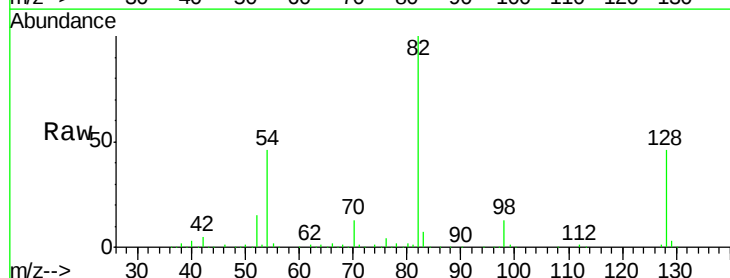
Tgt Ion: 82 Resp: 651969

Ion Ratio Lower Upper

82 100

128 45.9 41.8 62.8

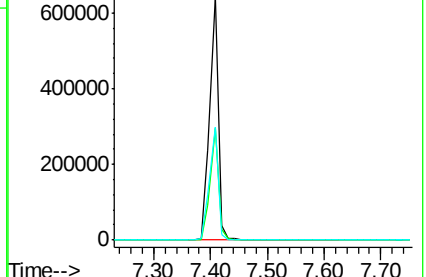
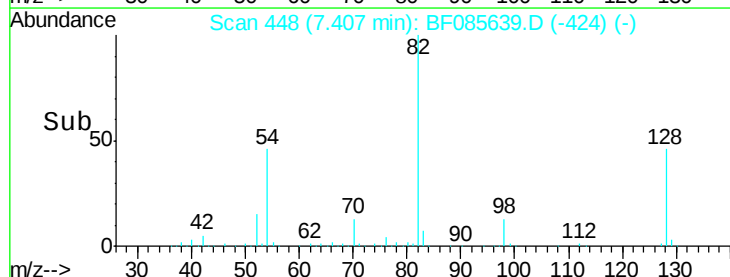
54 46.2 33.4 50.0

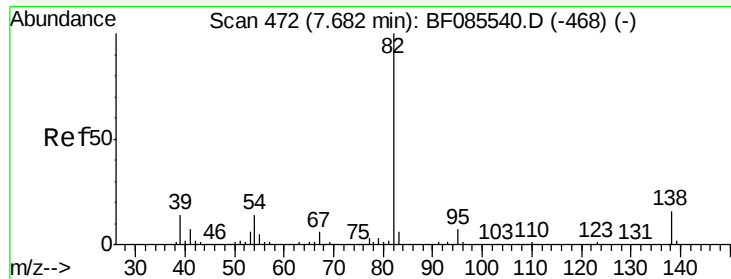


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 26.92 ng

RT: 7.41 min Scan# 448

Delta R.T. -0.27 min

Lab File: BF085639.D

Acq: 21 Mar 2016 23:14

Instrument :

BNA_F

ClientSampleId :

BOTTOM(7)

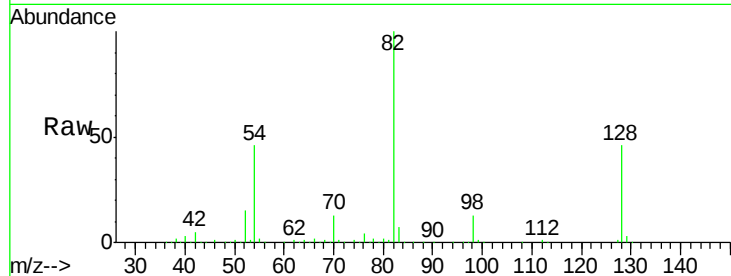
Tgt Ion: 82 Resp: 479291

Ion Ratio Lower Upper

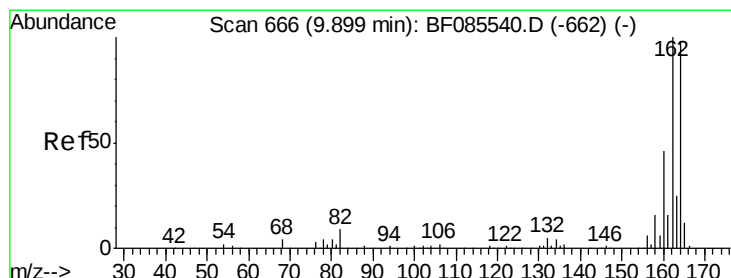
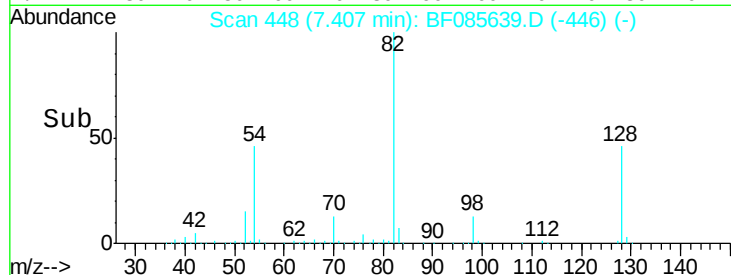
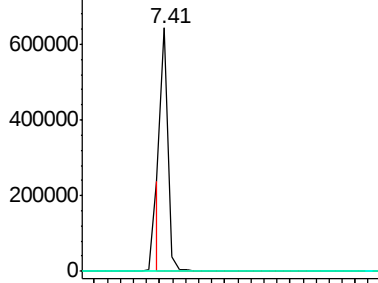
82 100

95 0.0 5.4 8.2#

138 0.0 12.9 19.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 664

Delta R.T. -0.02 min

Lab File: BF085639.D

Acq: 21 Mar 2016 23:14

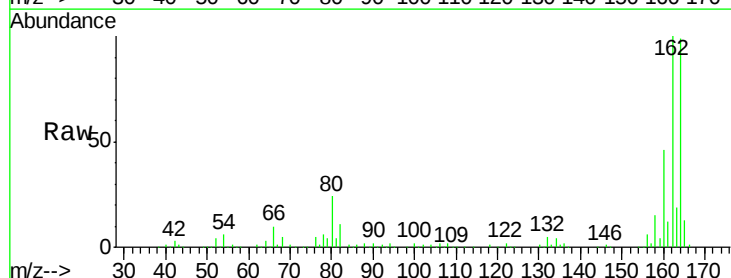
Tgt Ion: 164 Resp: 199645

Ion Ratio Lower Upper

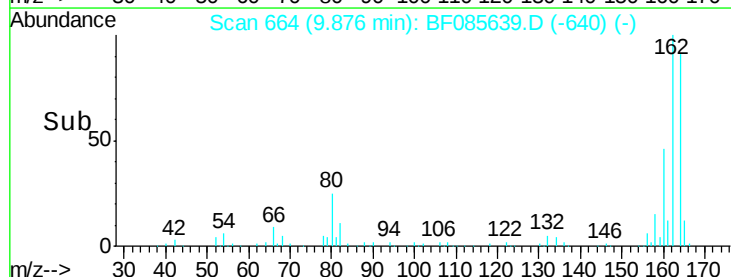
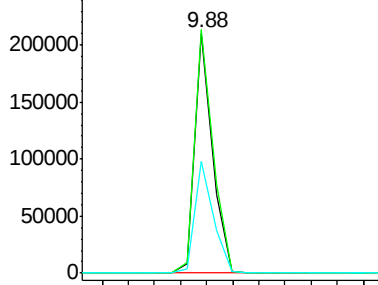
164 100

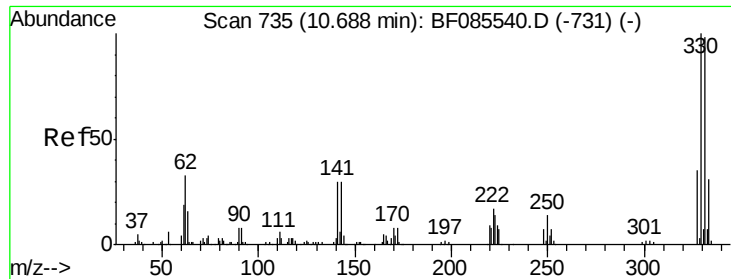
162 101.3 82.1 123.1

160 46.6 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

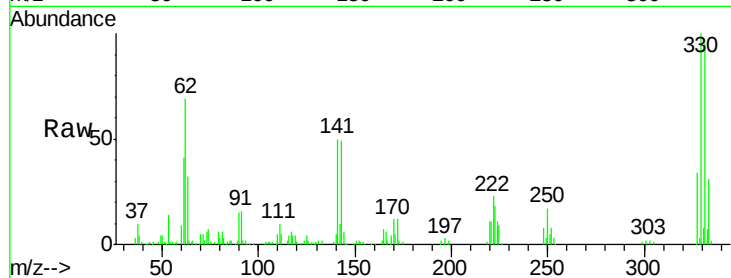




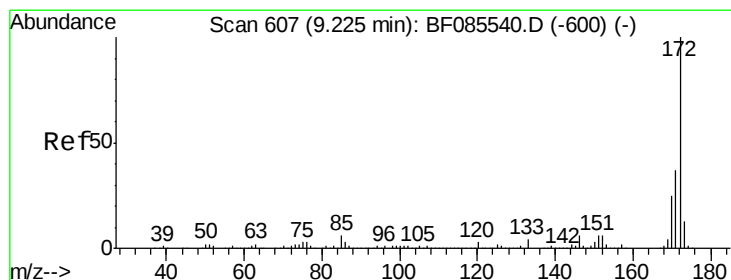
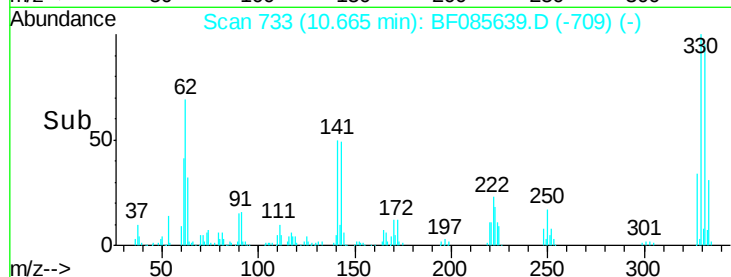
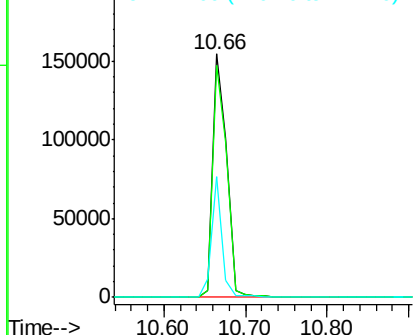
#41
 2,4,6-Tribromophenol
 Concen: 95.13 ng
 RT: 10.66 min Scan# 733
 Delta R.T. -0.02 min
 Lab File: BF085639.D
 Acq: 21 Mar 2016 23:14

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM(7)

Tgt Ion:330 Resp: 186044
 Ion Ratio Lower Upper
 330 100
 332 95.8 78.2 117.2
 141 38.1 31.5 47.3

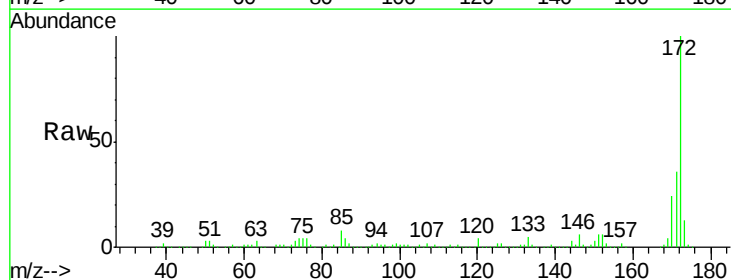


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

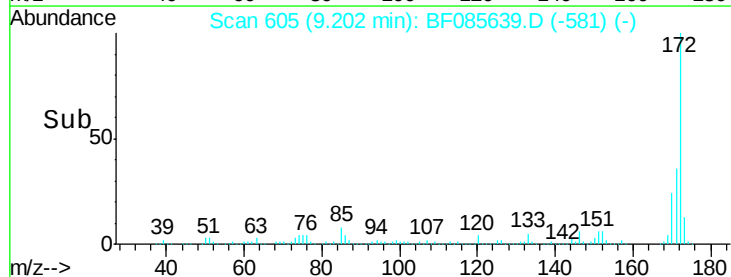
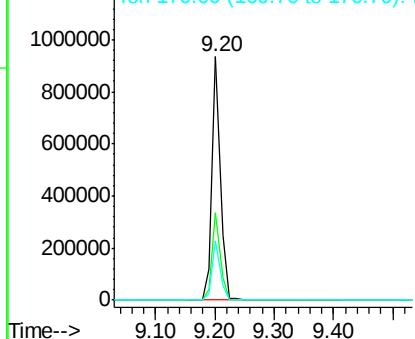


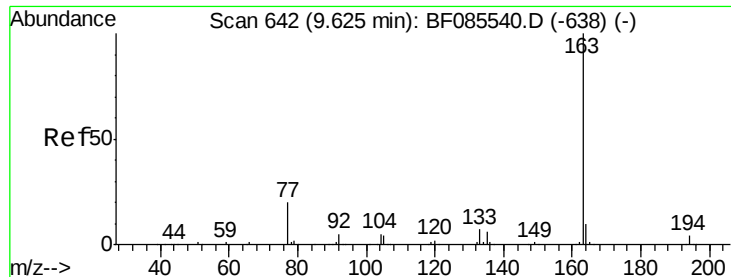
#44
 2-Fluorobiphenyl
 Concen: 75.68 ng
 RT: 9.20 min Scan# 605
 Delta R.T. -0.02 min
 Lab File: BF085639.D
 Acq: 21 Mar 2016 23:14

Tgt Ion:172 Resp: 910541
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.2
 170 24.4 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

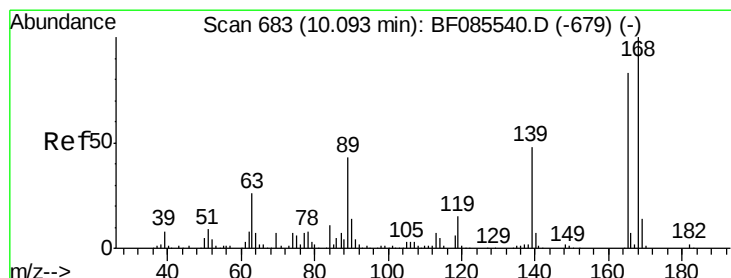
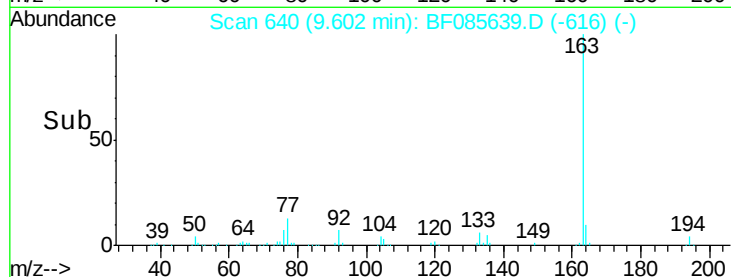
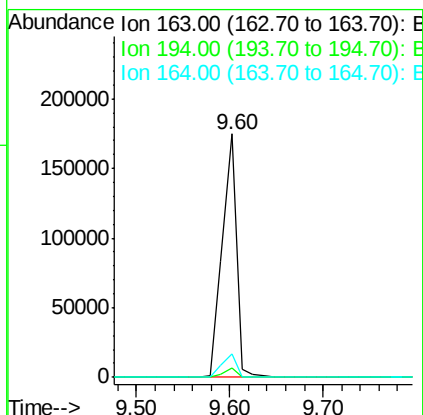
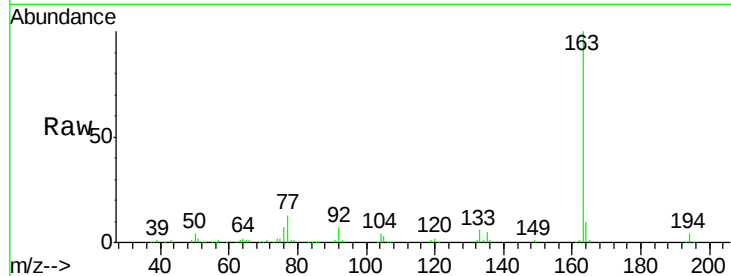




#49
Dimethylphthalate
Concen: 12.29 ng
RT: 9.60 min Scan# 640
Delta R.T. -0.02 min
Lab File: BF085639.D
Acq: 21 Mar 2016 23:14

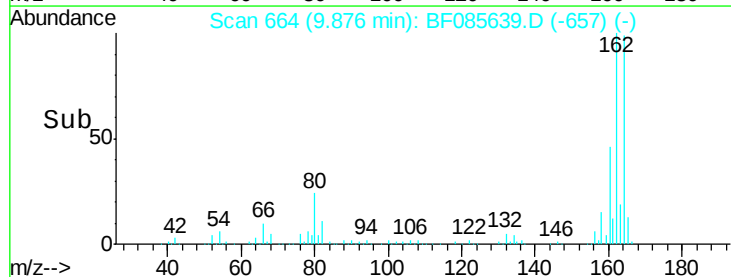
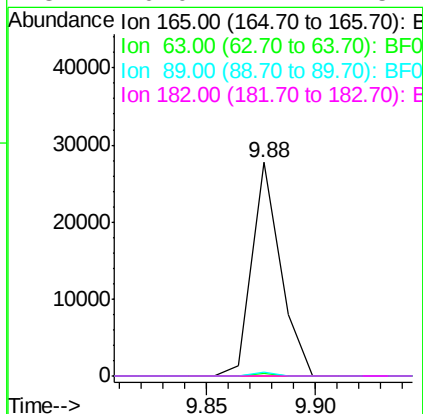
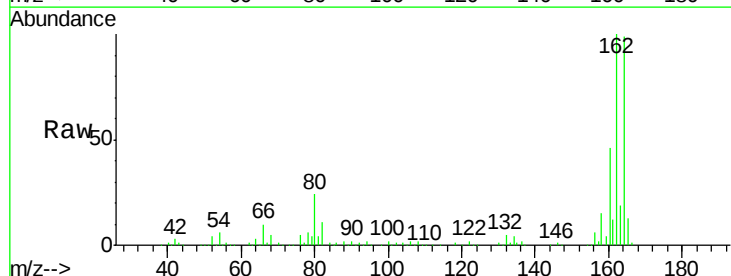
Instrument :
BNA_F
ClientSampleId :
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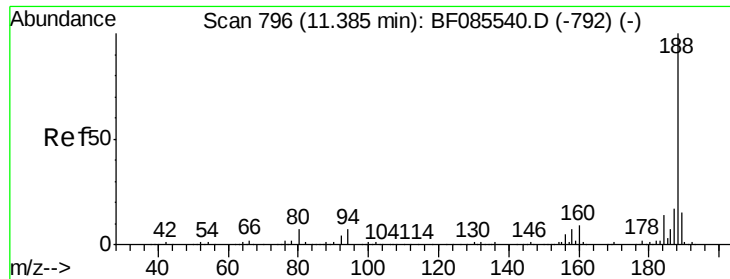
Tgt Ion:163 Resp: 185099
Ion Ratio Lower Upper
163 100
194 3.9 2.9 4.3
164 9.8 8.3 12.5



#56
2,4-Dinitrotoluene
Concen: 6.11 ng
RT: 9.88 min Scan# 664
Delta R.T. -0.22 min
Lab File: BF085639.D
Acq: 21 Mar 2016 23:14

Tgt Ion:165 Resp: 25422
Ion Ratio Lower Upper
165 100
63 1.2 24.9 37.3#
89 1.7 41.0 61.6#
182 0.0 2.1 3.1#

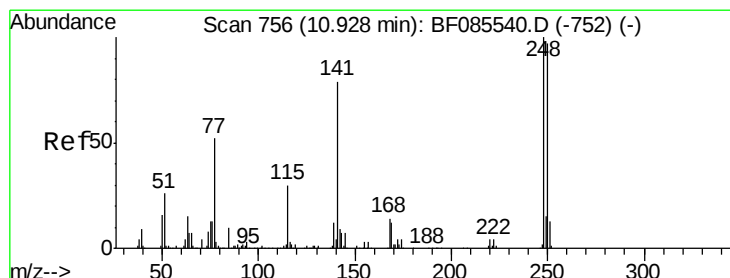
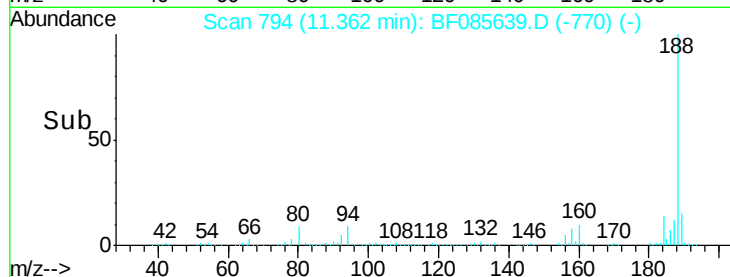
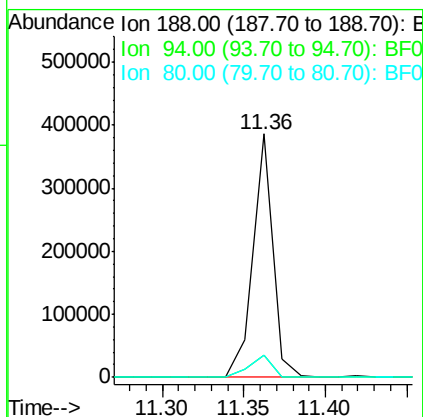
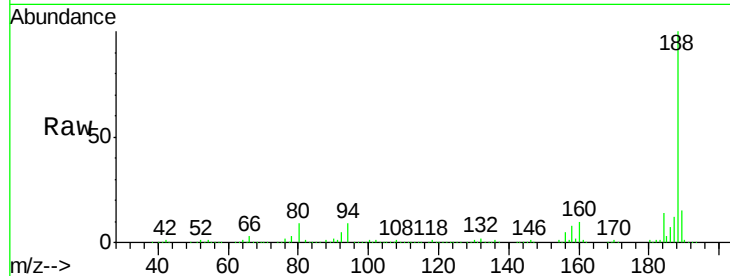




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 794
Delta R.T. -0.02 min
Lab File: BF085639.D
Acq: 21 Mar 2016 23:14

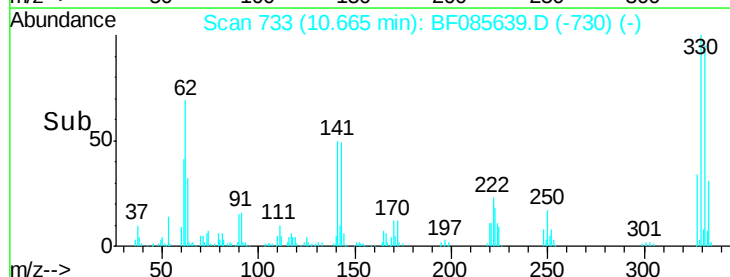
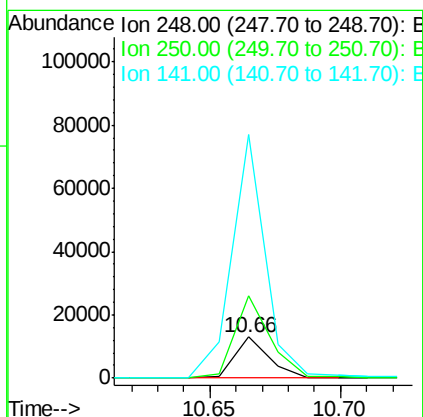
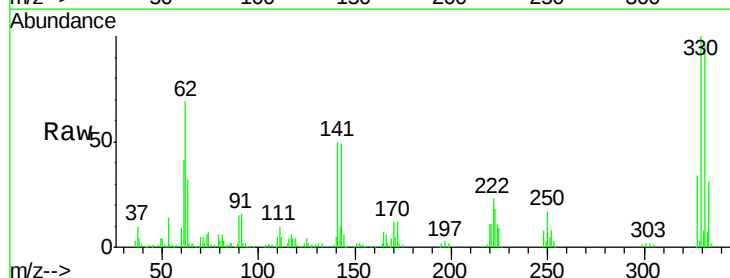
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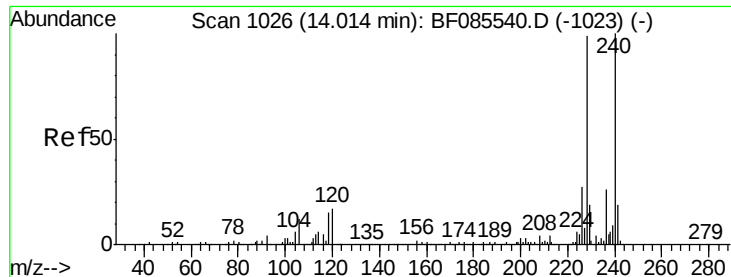
Tgt Ion:188 Resp: 329463
Ion Ratio Lower Upper
188 100
94 9.1 5.4 8.0#
80 9.2 5.5 8.3#



#66
4-Bromophenyl-phenylether
Concen: 3.64 ng
RT: 10.66 min Scan# 733
Delta R.T. -0.26 min
Lab File: BF085639.D
Acq: 21 Mar 2016 23:14

Tgt Ion:248 Resp: 11996
Ion Ratio Lower Upper
248 100
250 198.4 77.4 116.0#
141 589.7 63.6 95.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1024

Delta R.T. -0.02 min

Lab File: BF085639.D

Acq: 21 Mar 2016 23:14

Instrument :

BNA_F

ClientSampleId :

BOTTOM(7)

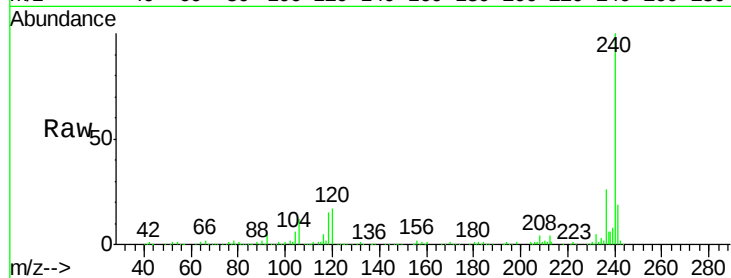
Tgt Ion:240 Resp: 236707

Ion Ratio Lower Upper

240 100

120 17.3 13.8 20.8

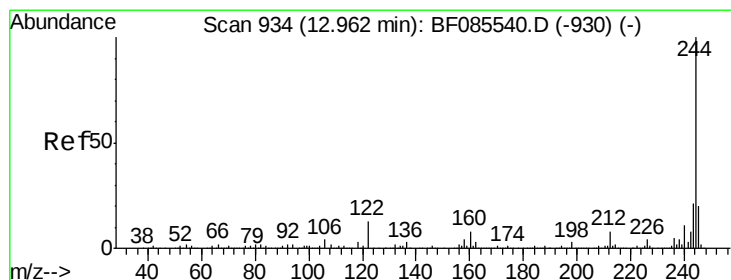
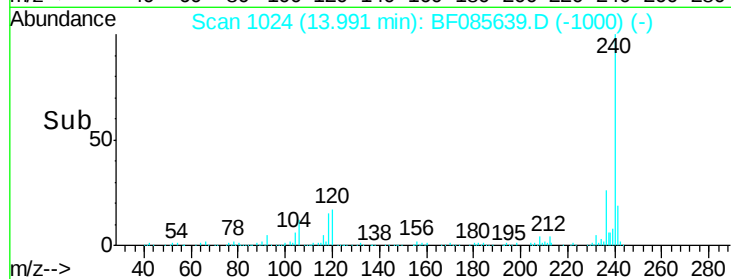
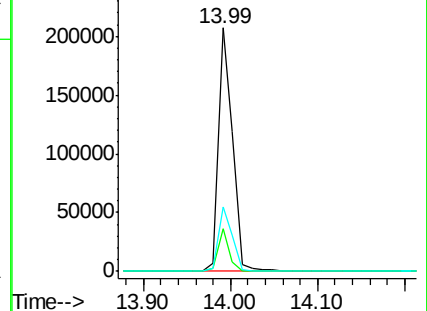
236 26.3 20.6 30.8



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: 63.10 ng

RT: 12.95 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF085639.D

Acq: 21 Mar 2016 23:14

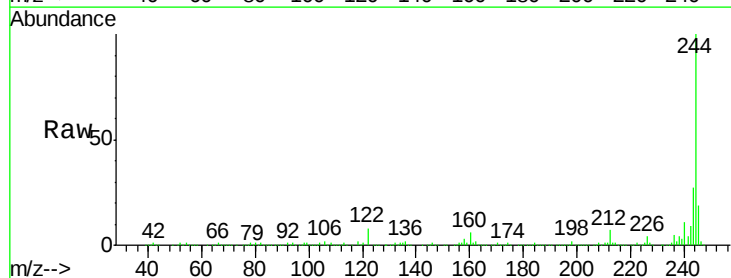
Tgt Ion:244 Resp: 620697

Ion Ratio Lower Upper

244 100

212 6.7 6.1 9.1

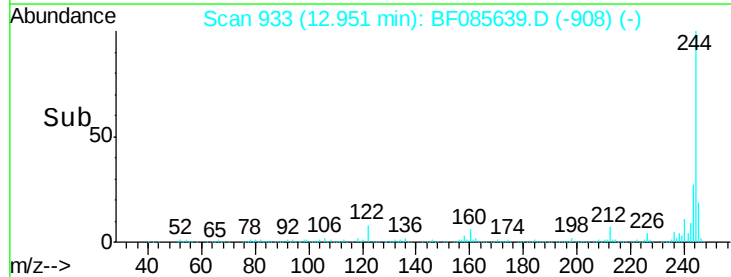
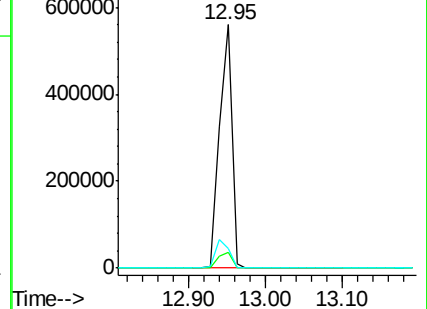
122 7.9 10.2 15.4#

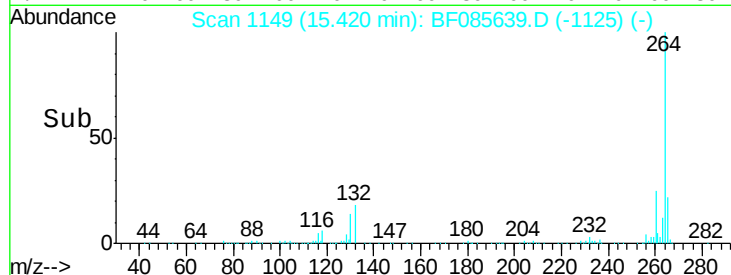
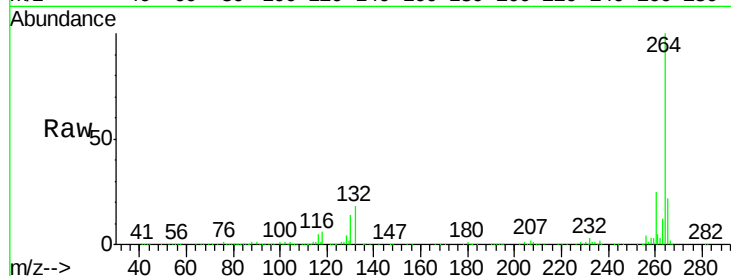
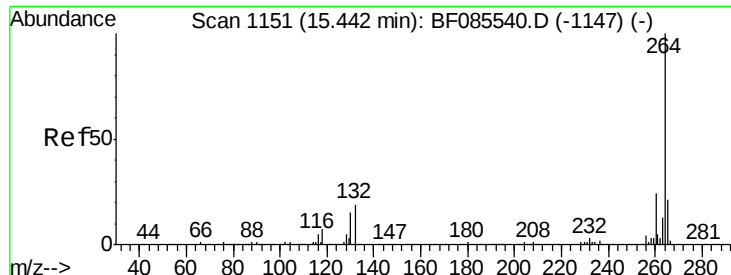


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.42 min Scan# 1149
Delta R.T. -0.02 min
Lab File: BF085639.D
Acq: 21 Mar 2016 23:14

Instrument :
BNA_F
ClientSampleId :
BOTTOM(7)

Tgt Ion:	264	Resp:	251851
Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.4	29.2
265	21.9	17.2	25.8

