

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
 Data File : BF085638.D
 Acq On : 21 Mar 2016 22:46
 Operator : UM/SJ
 Sample : H1841-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WEST-WALL(3-5)

Quant Time: Mar 22 00:14:21 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

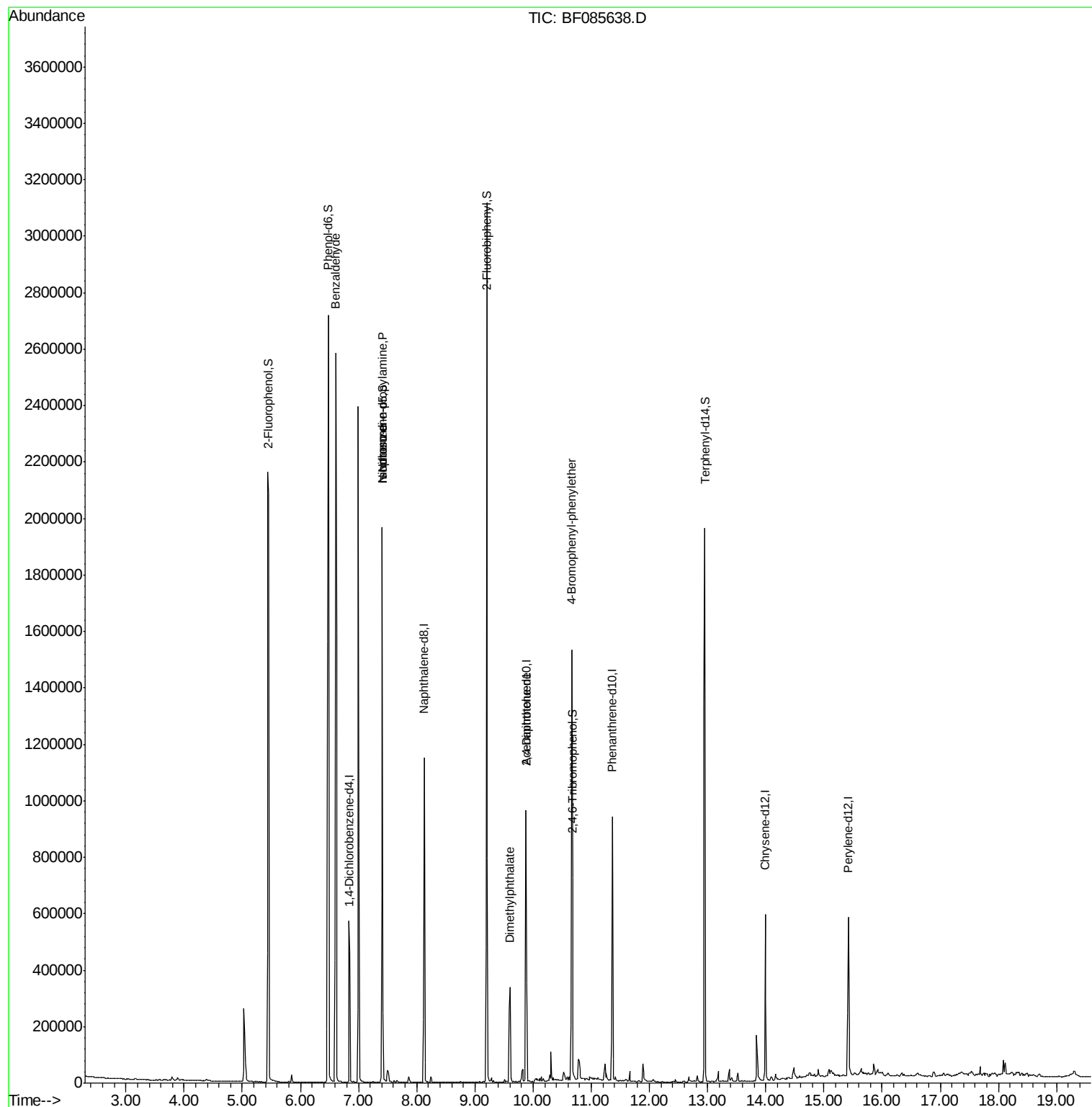
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	121333	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	506503	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	196225	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	319909	20.00	ng	-0.02
75) Chrysene-d12	13.99	240	227470	20.00	ng	-0.02
86) Perylene-d12	15.42	264	241691	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1042550	144.32	ng	0.00
7) Phenol-d6	6.48	99	1204648	130.02	ng	-0.01
23) Nitrobenzene-d5	7.41	82	719841	82.49	ng	-0.02
41) 2,4,6-Tribromophenol	10.68	330	230866	120.11	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	1049533	93.61	ng	-0.02
78) Terphenyl-d14	12.95	244	788417	83.41	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.61	77	20647	2.51	ng	83
19) n-Nitroso-di-n-propylamine	7.41	70	94550	17.08	ng	# 78
25) Isophorone	7.41	82	546643	31.29	ng	# 68
49) Dimethylphthalate	9.60	163	193946	13.10	ng	98
56) 2,4-Dinitrotoluene	9.88	165	24950	6.10	ng	# 37
66) 4-Bromophenyl-phenylether	10.66	248	14134	4.42	ng	# 1

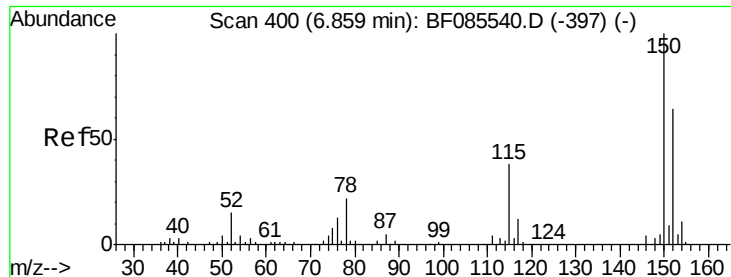
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF085638.D

Acq: 21 Mar 2016 22:46

Instrument :

BNA_F

ClientSampleId :

WEST-WALL(3-5)

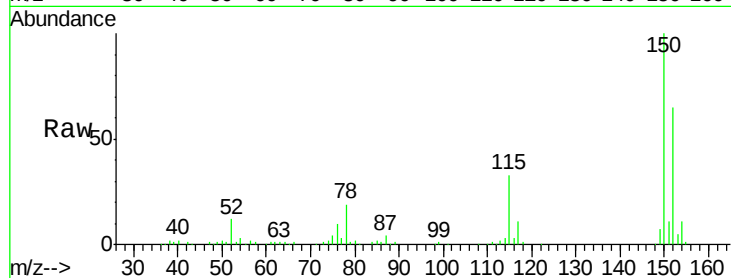
Tgt Ion:152 Resp: 121333

Ion Ratio Lower Upper

152 100

150 153.9 124.2 186.2

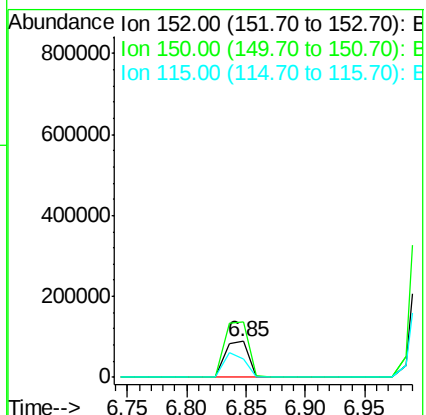
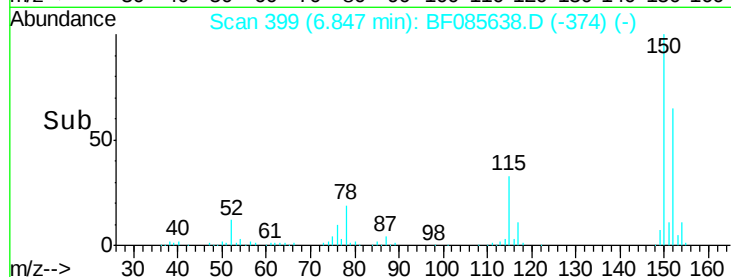
115 50.7 47.0 70.6



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: 144.32 ng

RT: 5.45 min Scan# 277

Delta R.T. 0.00 min

Lab File: BF085638.D

Acq: 21 Mar 2016 22:46

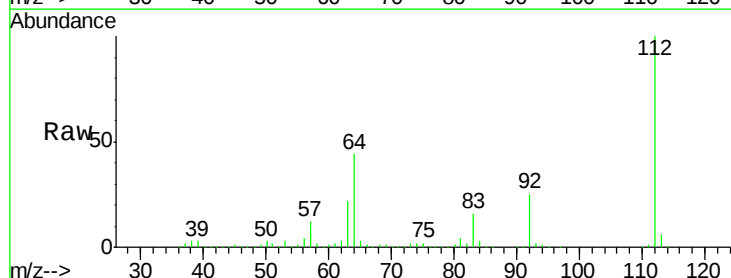
Tgt Ion:112 Resp: 1042550

Ion Ratio Lower Upper

112 100

64 44.0 39.9 59.9

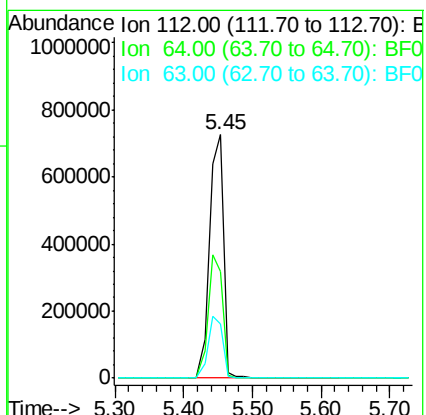
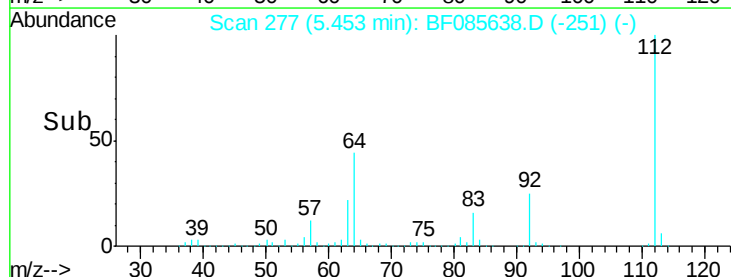
63 22.4 20.2 30.2



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: 130.02 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF085638.D

Acq: 21 Mar 2016 22:46

Instrument :

BNA_F

ClientSampleId :

WEST-WALL(3-5)

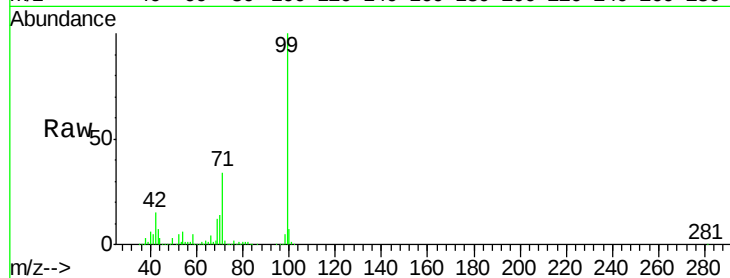
Tgt Ion: 99 Resp: 1204648

Ion Ratio Lower Upper

99 100

42 15.0 11.1 16.7

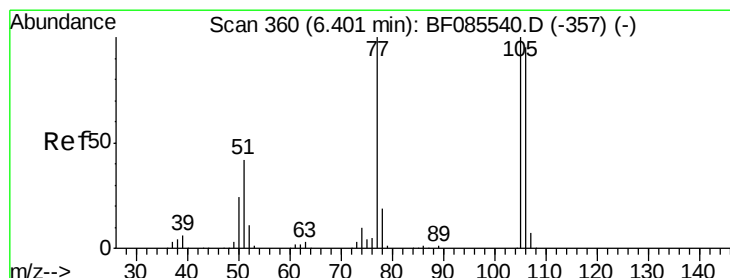
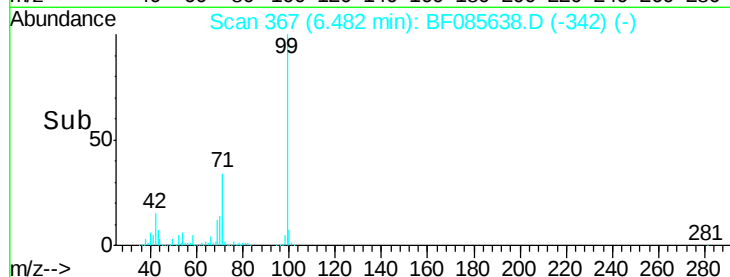
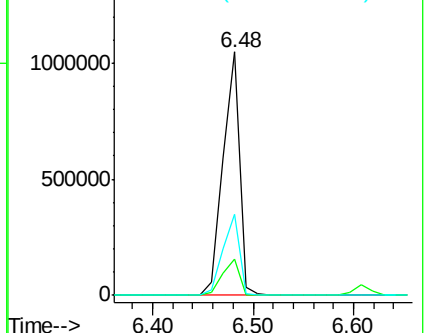
71 33.5 24.9 37.3



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: 2.51 ng

RT: 6.61 min Scan# 378

Delta R.T. 0.21 min

Lab File: BF085638.D

Acq: 21 Mar 2016 22:46

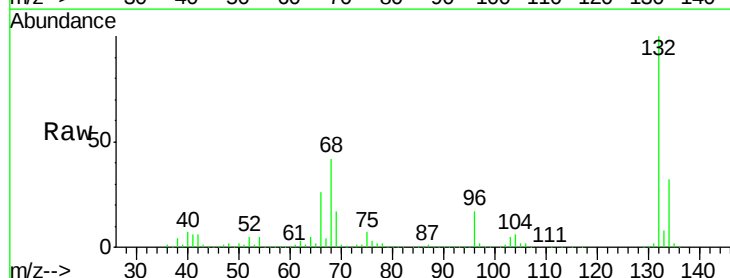
Tgt Ion: 77 Resp: 20647

Ion Ratio Lower Upper

77 100

105 83.9 80.1 120.1

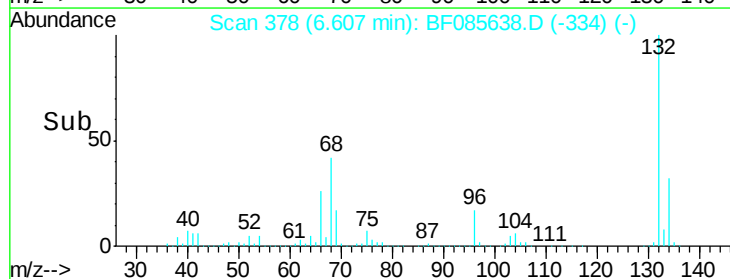
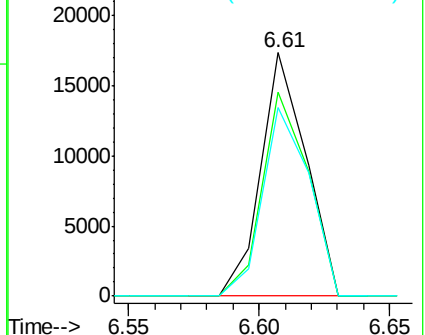
106 77.5 75.0 115.0

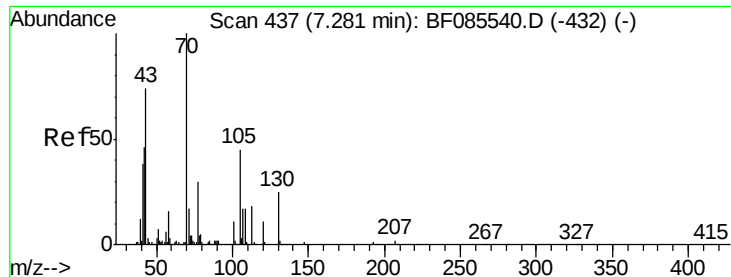


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

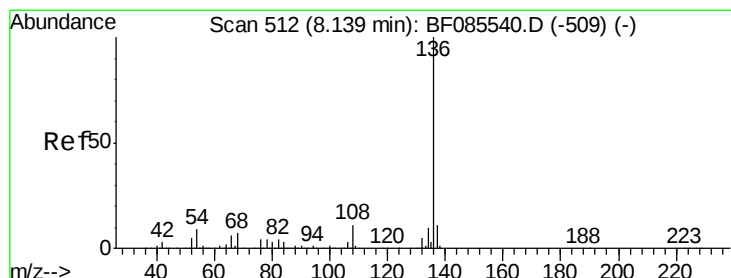
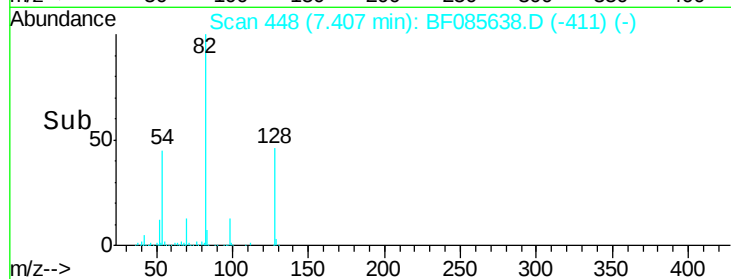
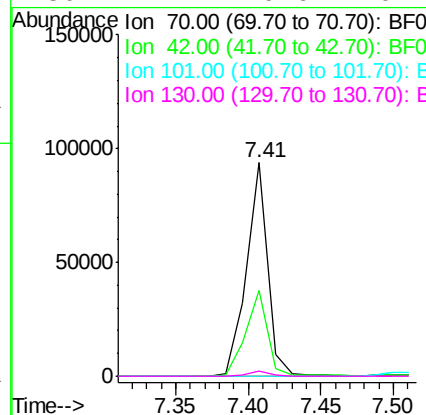
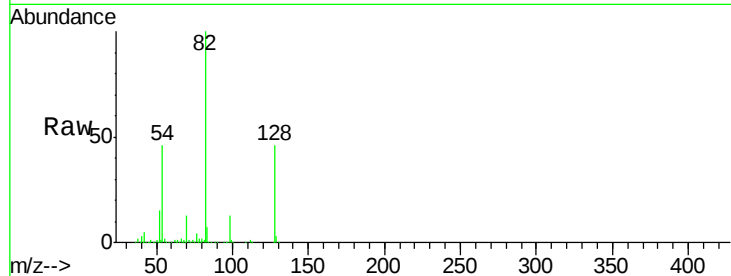




#19
n-Nitroso-di-n-propylamine
Concen: 17.08 ng
RT: 7.41 min Scan# 448
Delta R.T. 0.13 min
Lab File: BF085638.D
Acq: 21 Mar 2016 22:46

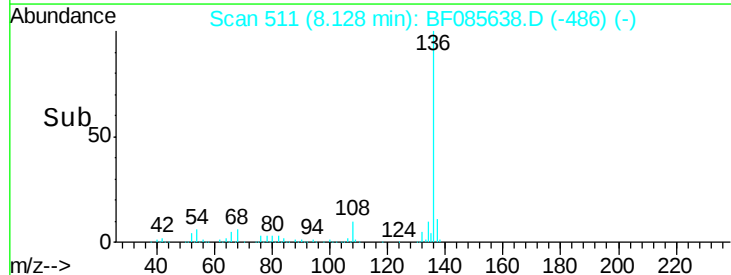
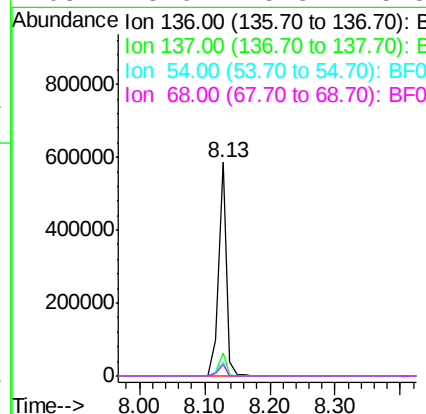
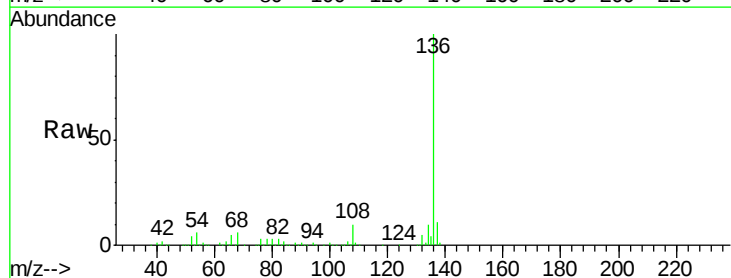
Instrument :
BNA_F
ClientSampleId :
WEST-WALL(3-5)

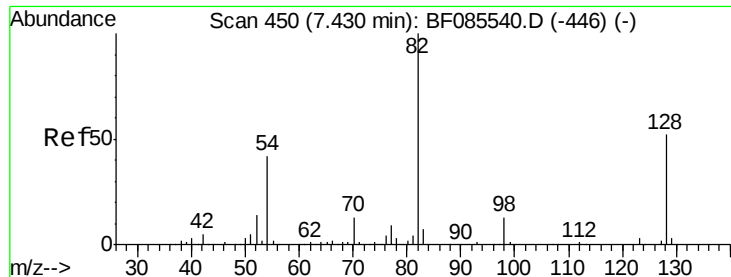
Tgt Ion: 70 Resp: 94550
Ion Ratio Lower Upper
70 100
42 40.2 37.1 55.7
101 0.0 8.6 12.8#
130 2.4 19.6 29.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF085638.D
Acq: 21 Mar 2016 22:46

Tgt Ion: 136 Resp: 506503
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 6.5 7.4 11.0#
68 5.6 5.8 8.8#





#23

Nitrobenzene-d5

Concen: 82.49 ng

RT: 7.41 min Scan# 448

Delta R.T. -0.02 min

Lab File: BF085638.D

Acq: 21 Mar 2016 22:46

Instrument :

BNA_F

ClientSampleId :

WEST-WALL(3-5)

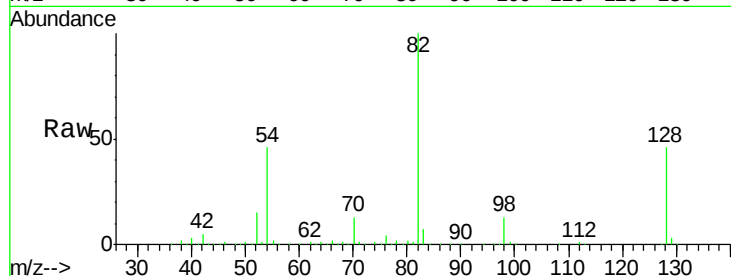
Tgt Ion: 82 Resp: 719841

Ion Ratio Lower Upper

82 100

128 45.8 41.8 62.8

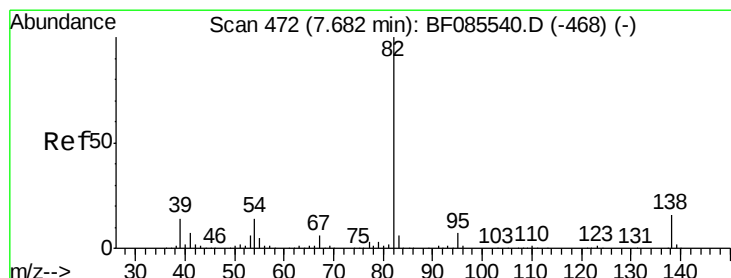
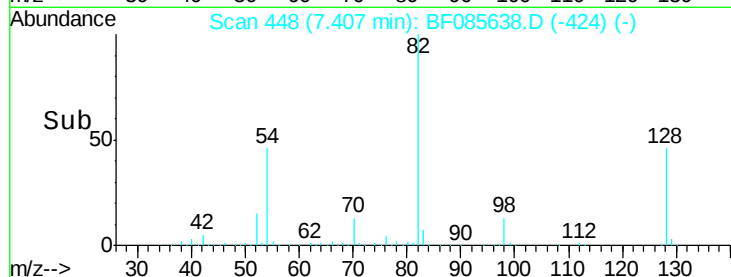
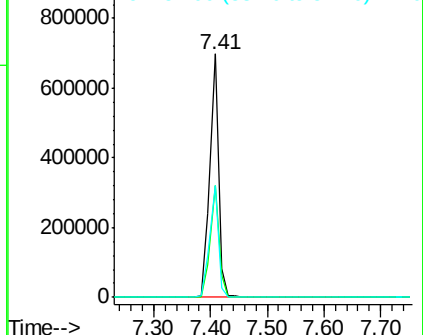
54 45.8 33.4 50.0



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



#25

Isophorone

Concen: 31.29 ng

RT: 7.41 min Scan# 448

Delta R.T. -0.27 min

Lab File: BF085638.D

Acq: 21 Mar 2016 22:46

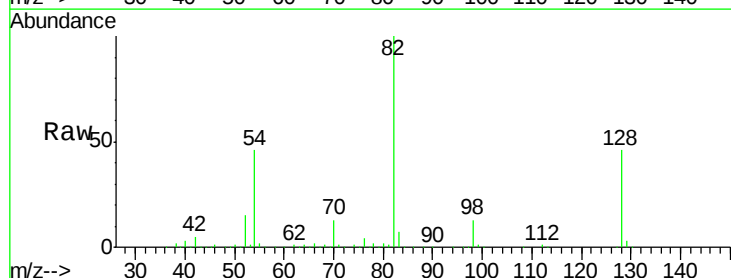
Tgt Ion: 82 Resp: 546643

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

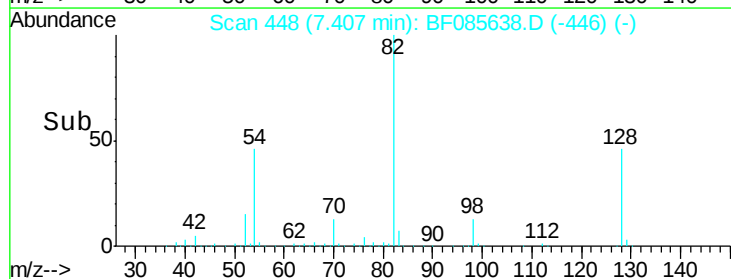
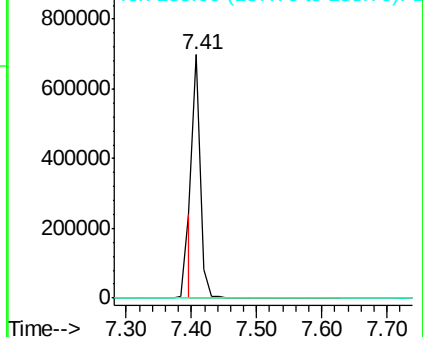
138 0.0 12.9 19.3#

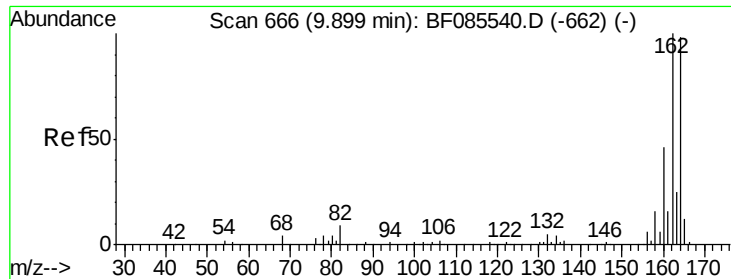


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

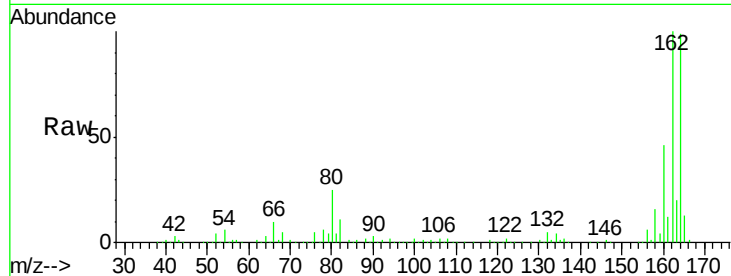




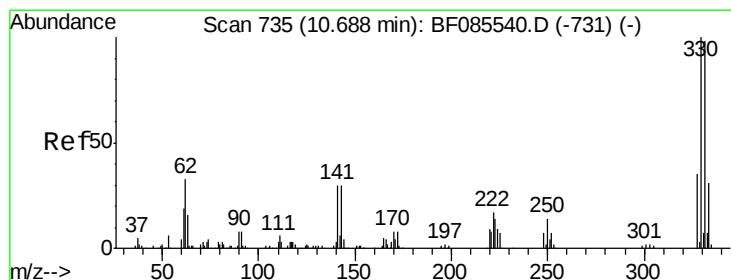
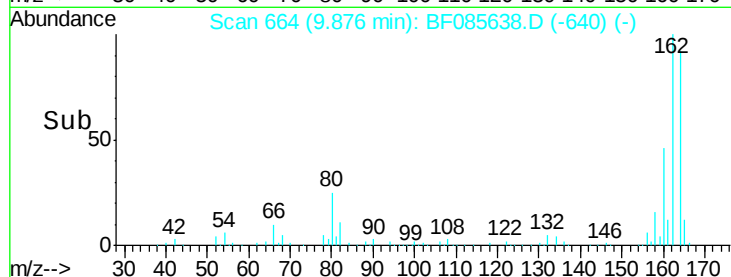
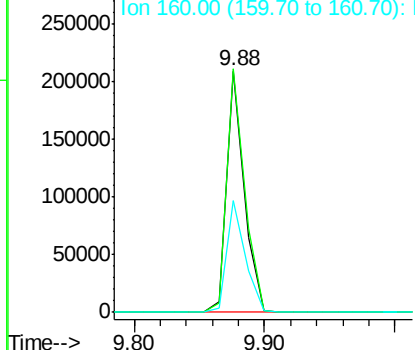
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 664
 Delta R.T. -0.02 min
 Lab File: BF085638.D
 Acq: 21 Mar 2016 22:46

Instrument :
 BNA_F
 ClientSampleId :
 WEST-WALL(3-5)

Tgt Ion:164 Resp: 196225
 Ion Ratio Lower Upper
 164 100
 162 100.9 82.1 123.1
 160 46.3 37.4 56.2

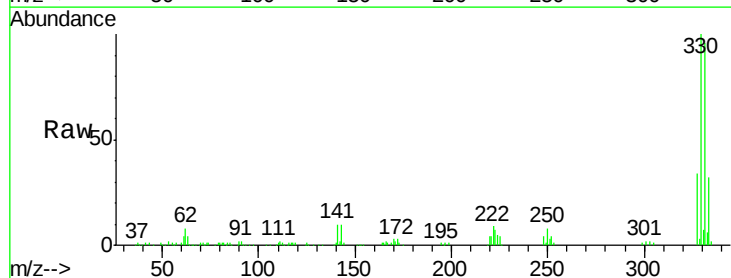


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

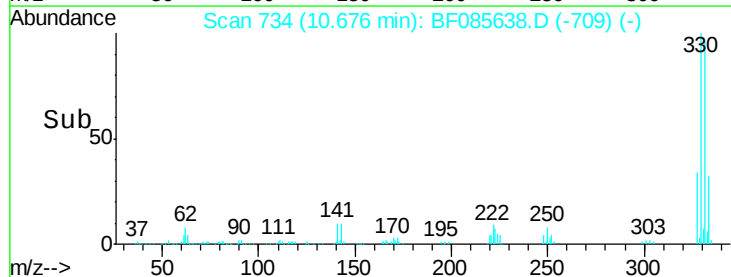
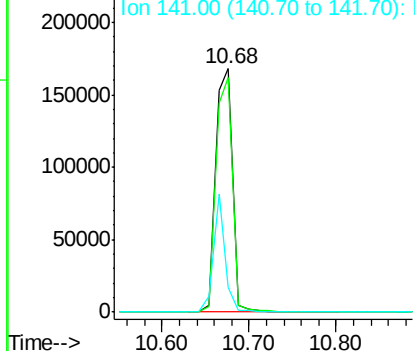


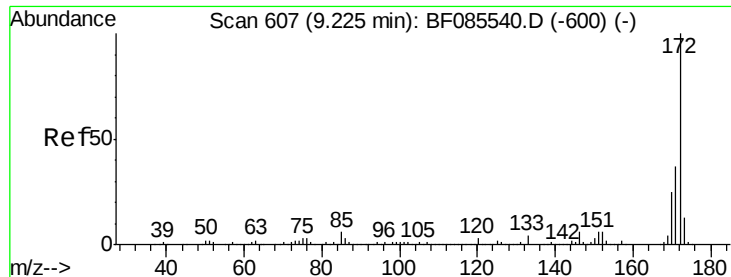
#41
 2,4,6-Tribromophenol
 Concen: 120.11 ng
 RT: 10.68 min Scan# 734
 Delta R.T. -0.01 min
 Lab File: BF085638.D
 Acq: 21 Mar 2016 22:46

Tgt Ion:330 Resp: 230866
 Ion Ratio Lower Upper
 330 100
 332 95.0 78.2 117.2
 141 33.6 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

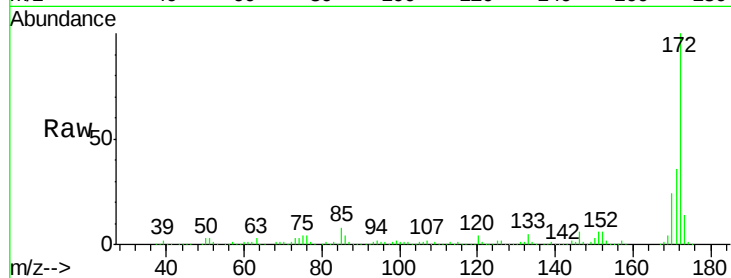




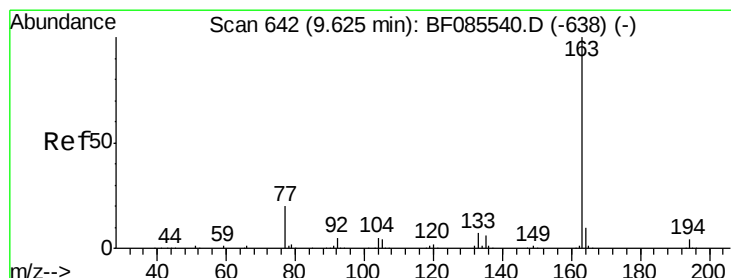
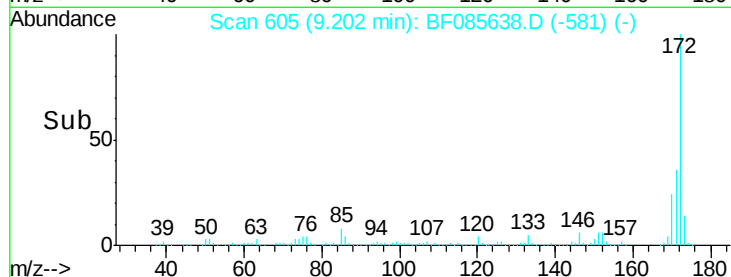
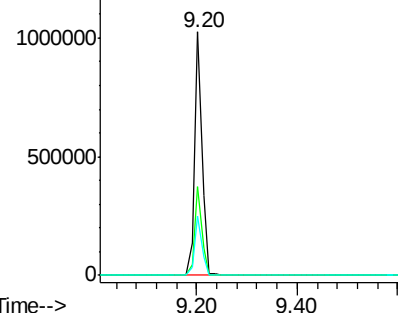
#44
2-Fluorobiphenyl
Concen: 93.61 ng
RT: 9.20 min Scan# 605
Delta R.T. -0.02 min
Lab File: BF085638.D
Acq: 21 Mar 2016 22:46

Instrument :
BNA_F
ClientSampleId :
WEST-WALL(3-5)

Tgt Ion:172 Resp: 1049533
Ion Ratio Lower Upper
172 100
171 36.4 29.4 44.2
170 24.3 19.8 29.6

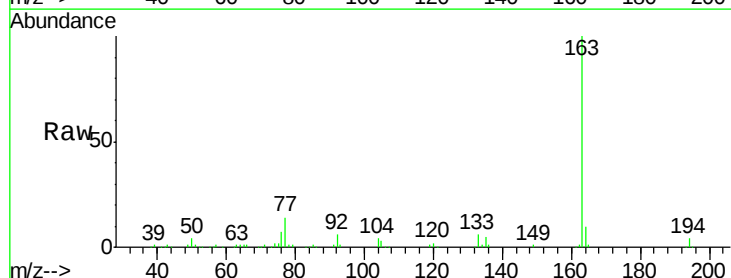


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

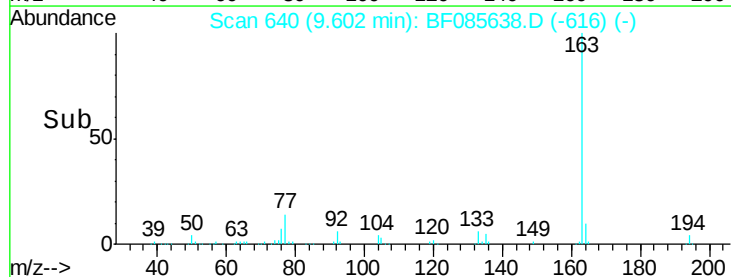
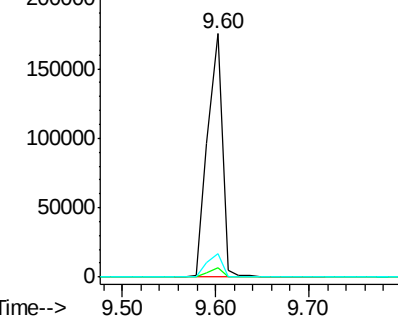


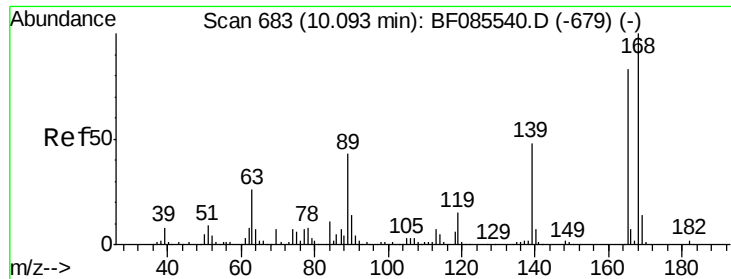
#49
Dimethylphthalate
Concen: 13.10 ng
RT: 9.60 min Scan# 640
Delta R.T. -0.02 min
Lab File: BF085638.D
Acq: 21 Mar 2016 22:46

Tgt Ion:163 Resp: 193946
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

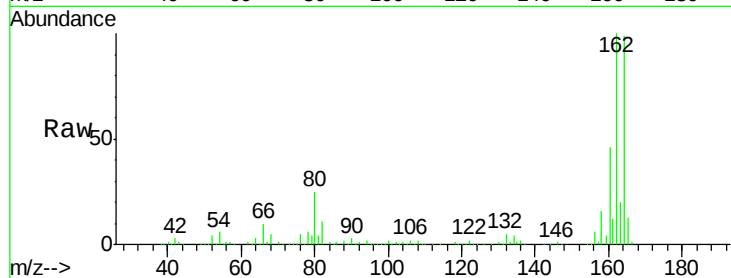




#56
 2,4-Dinitrotoluene
 Concen: 6.10 ng
 RT: 9.88 min Scan# 664
 Delta R.T. -0.22 min
 Lab File: BF085638.D
 Acq: 21 Mar 2016 22:46

Instrument :
 BNA_F
 ClientSampleId :
 WEST-WALL(3-5)

Tgt Ion:	165	Resp:	24950
Ion	Ratio	Lower	Upper
165	100		
63	1.7	24.9	37.3#
89	1.6	41.0	61.6#
182	0.0	2.1	3.1#

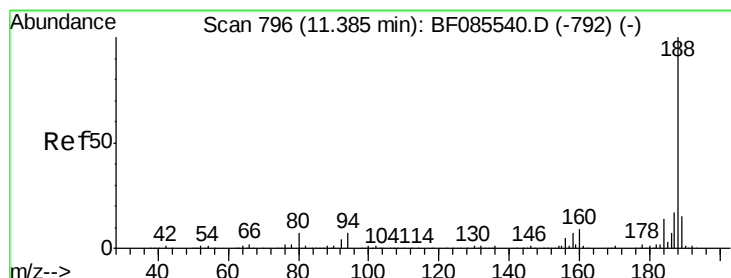
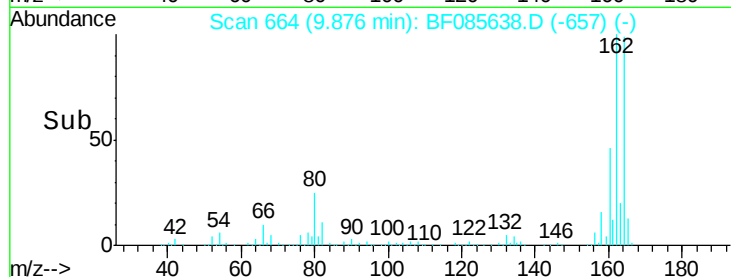
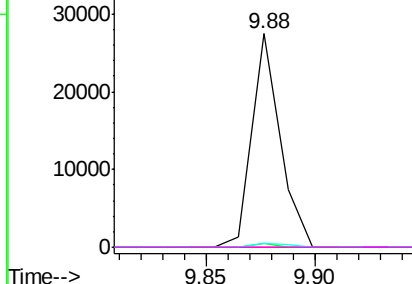


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

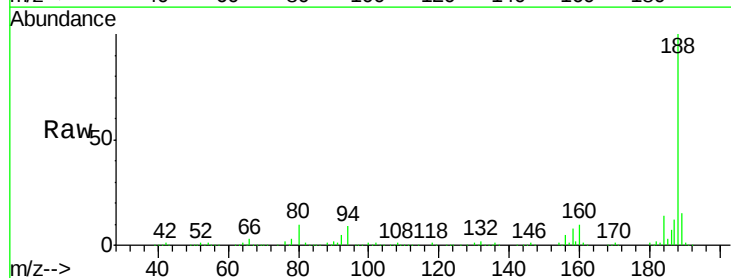
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 794
 Delta R.T. -0.02 min
 Lab File: BF085638.D
 Acq: 21 Mar 2016 22:46

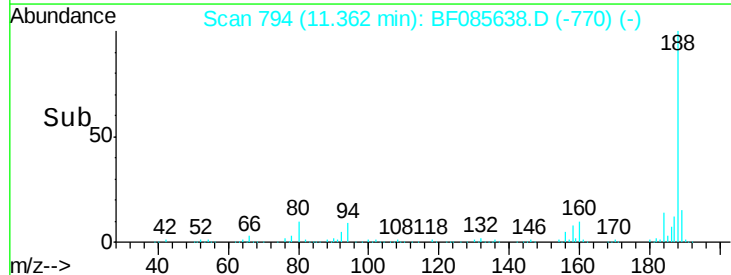
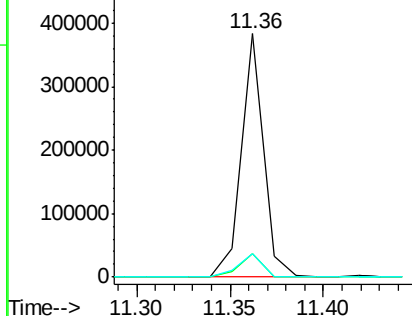
Tgt Ion:	188	Resp:	319909
Ion	Ratio	Lower	Upper
188	100		
94	9.5	5.4	8.0#
80	9.7	5.5	8.3#

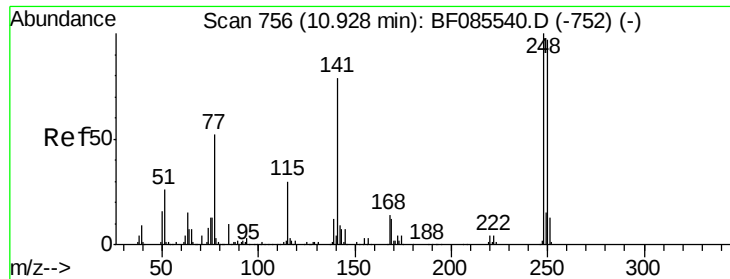


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

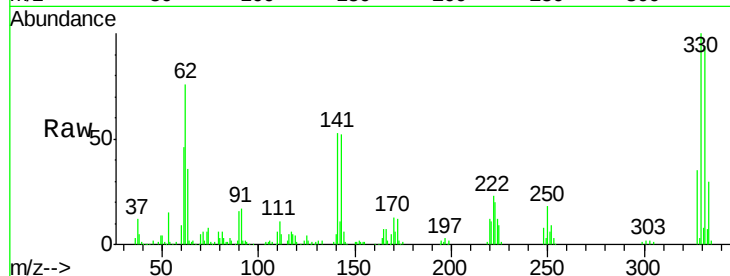




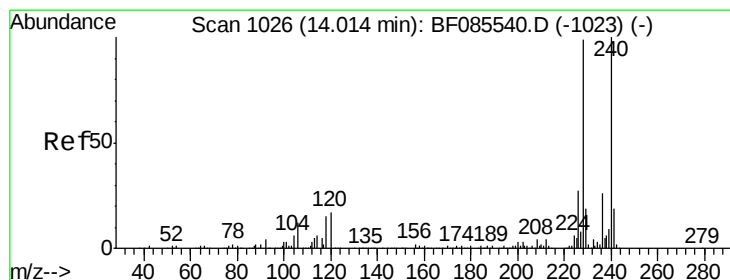
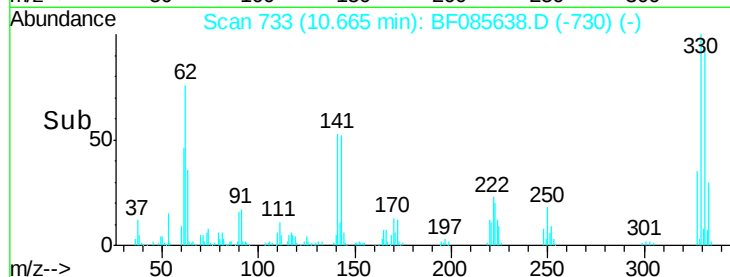
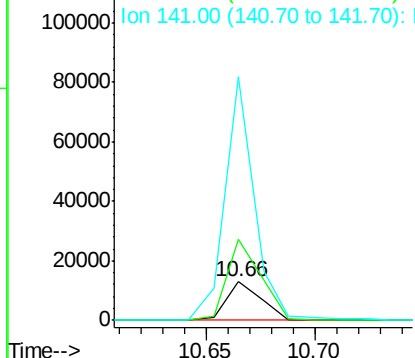
#66
4-Bromophenyl-phenylether
Concen: 4.42 ng
RT: 10.66 min Scan# 733
Delta R.T. -0.26 min
Lab File: BF085638.D
Acq: 21 Mar 2016 22:46

Instrument :
BNA_F
ClientSampleId :
WEST-WALL(3-5)

Tgt Ion:248 Resp: 14134
Ion Ratio Lower Upper
248 100
250 210.0 77.4 116.0#
141 632.3 63.6 95.4#

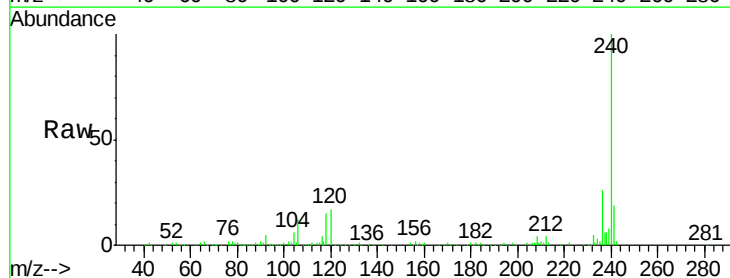


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

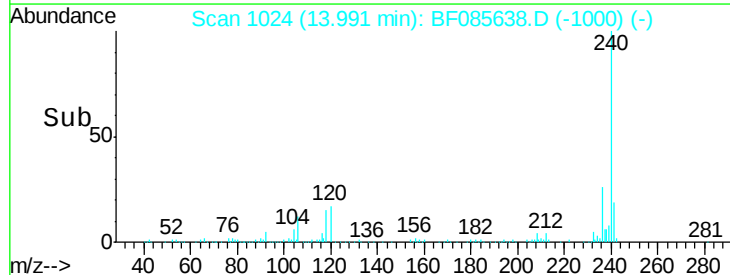
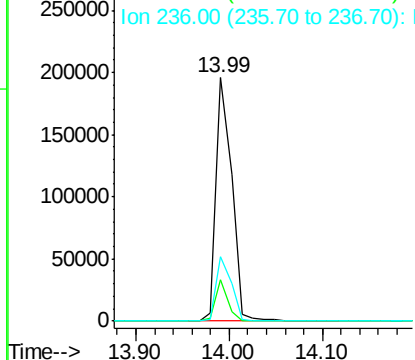


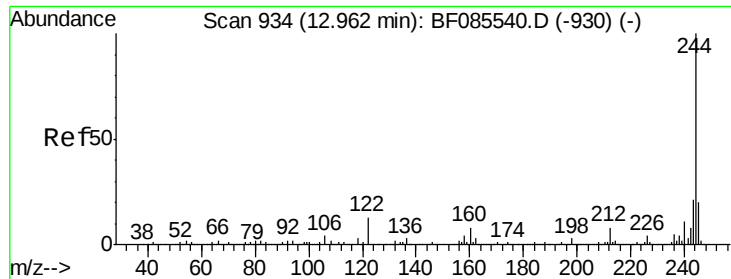
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF085638.D
Acq: 21 Mar 2016 22:46

Tgt Ion:240 Resp: 227470
Ion Ratio Lower Upper
240 100
120 16.9 13.8 20.8
236 26.4 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

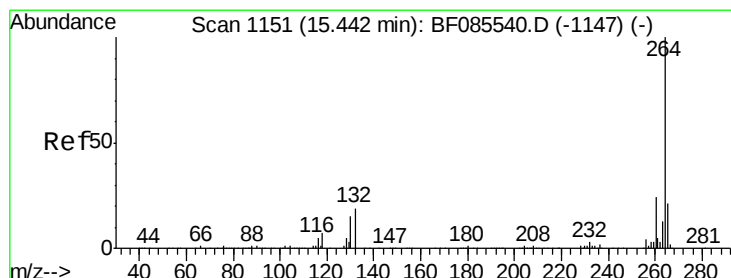
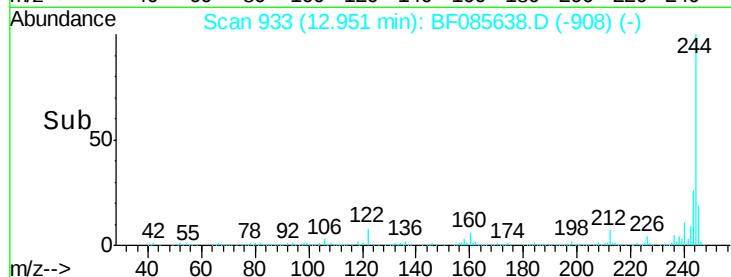
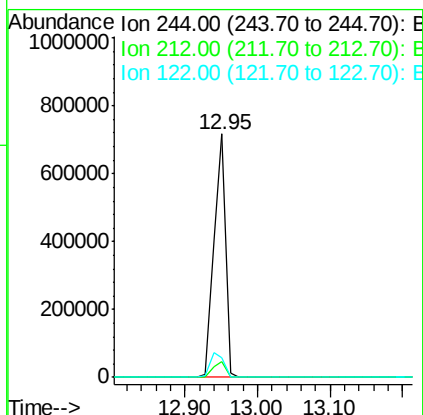
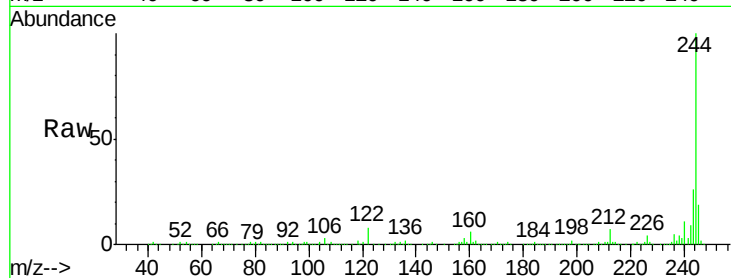




#78
 Terphenyl-d14
 Concen: 83.41 ng
 RT: 12.95 min Scan# 933
 Delta R.T. -0.01 min
 Lab File: BF085638.D
 Acq: 21 Mar 2016 22:46

Instrument :
 BNA_F
 ClientSampleId :
 WEST-WALL(3-5)

Tgt Ion:244 Resp: 788417
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.1 9.1
 122 8.0 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: BF085638.D
 Acq: 21 Mar 2016 22:46

Tgt Ion:264 Resp: 241691
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.4 29.2
 265 21.2 17.2 25.8

