

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032216\
 Data File : BF085700.D
 Acq On : 23 Mar 2016 11:47
 Operator : UM/SJ
 Sample : H1857-19
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 23 13:38:16 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

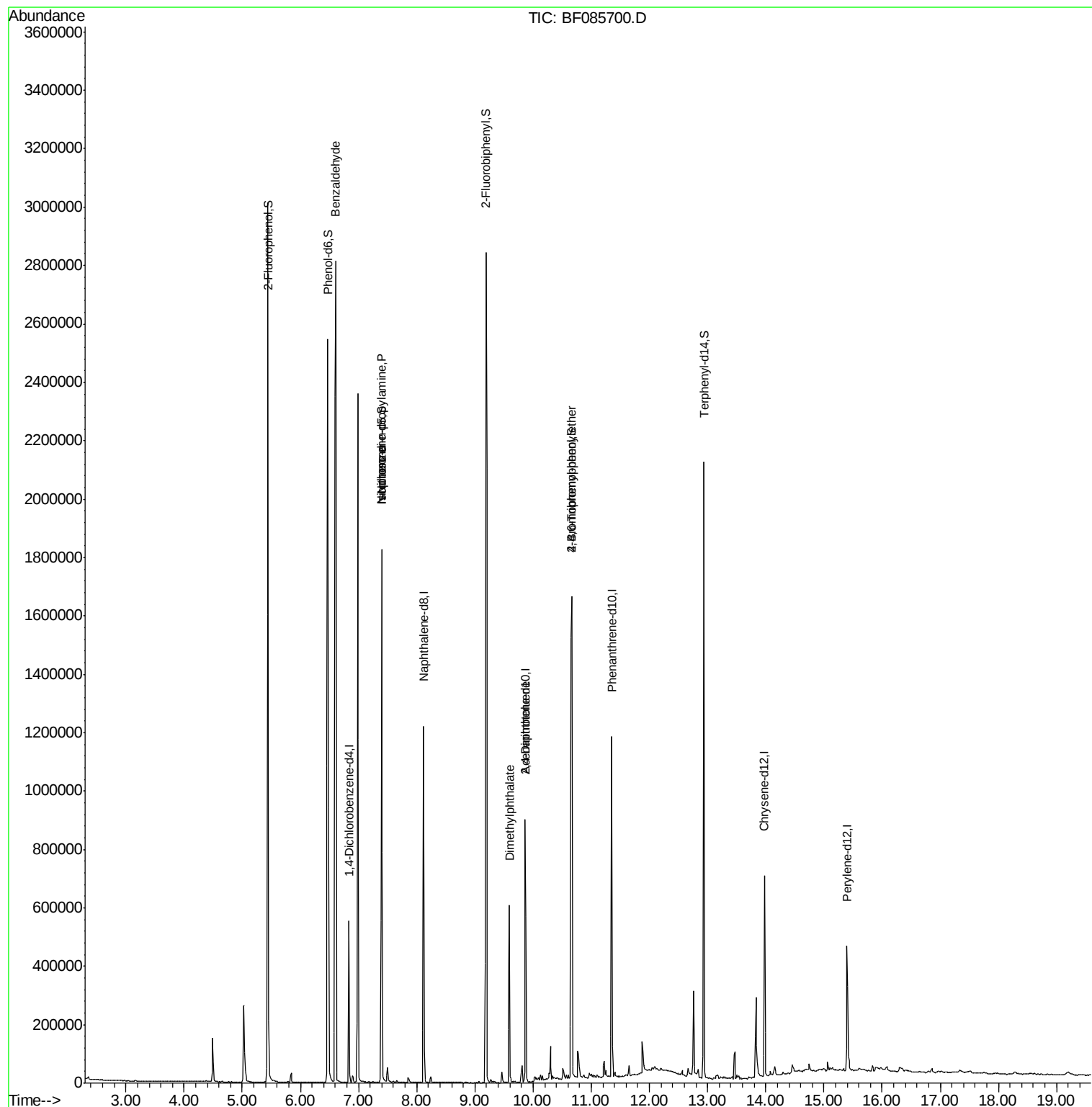
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	121462	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	519324	20.00	ng	-0.02
38) Acenaphthene-d10	9.86	164	216551	20.00	ng	-0.03
63) Phenanthrene-d10	11.35	188	383353	20.00	ng	-0.03
75) Chrysene-d12	13.98	240	219205	20.00	ng	-0.03
86) Perylene-d12	15.40	264	203068	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1037653	143.49	ng	-0.01
7) Phenol-d6	6.47	99	1273905	137.35	ng	-0.02
23) Nitrobenzene-d5	7.40	82	787910	88.07	ng	-0.03
41) 2,4,6-Tribromophenol	10.66	330	336989	158.86	ng	-0.02
44) 2-Fluorobiphenyl	9.19	172	1287869	109.13	ng	-0.03
78) Terphenyl-d14	12.94	244	896359	98.40	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.61	77	24383	3.26	ng	Qvalue 92
19) n-Nitroso-di-n-propylamine	7.40	70	102584	18.52	ng	# 78
25) Isophorone	7.40	82	650997	36.34	ng	# 68
49) Dimethylphthalate	9.59	163	259496	15.88	ng	99
56) 2,4-Dinitrotoluene	9.86	165	27106	6.00	ng	# 37
66) 4-Bromophenyl-phenylether	10.66	248	20943	5.47	ng	# 1

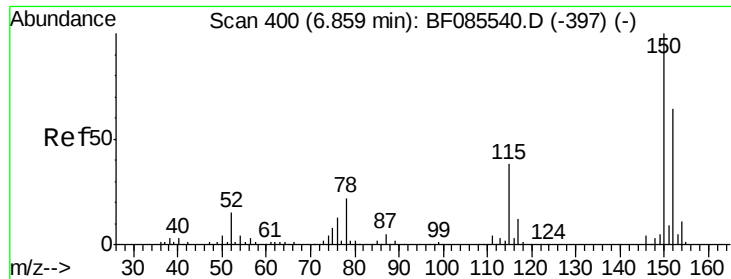
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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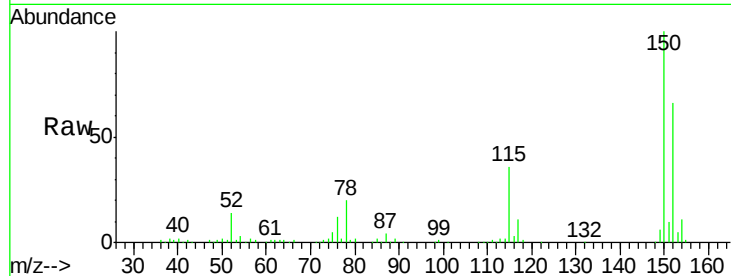


#1

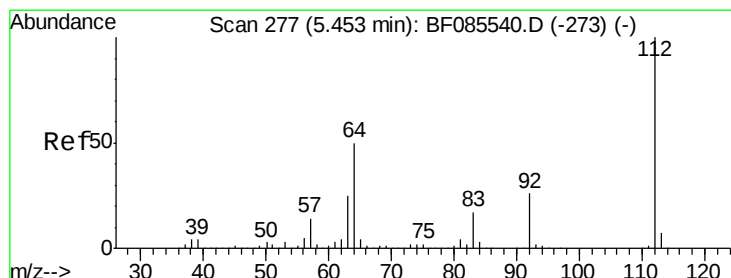
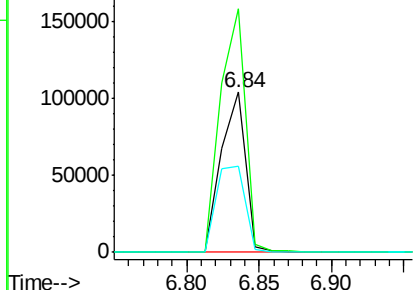
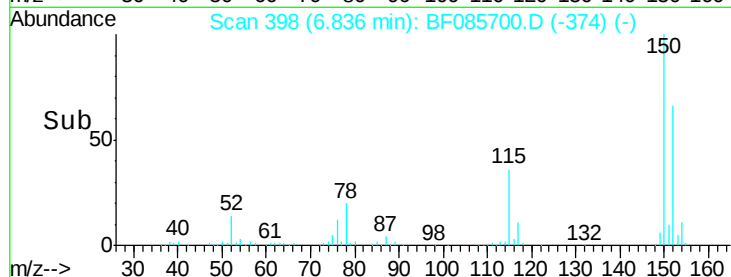
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 398
Delta R.T. -0.02 min
Lab File: BF085700.D
Acq: 23 Mar 2016 11:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 121462
Ion Ratio Lower Upper
152 100
150 152.1 124.2 186.2
115 54.2 47.0 70.6



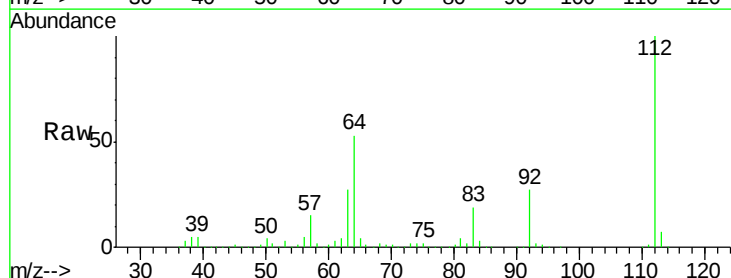
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



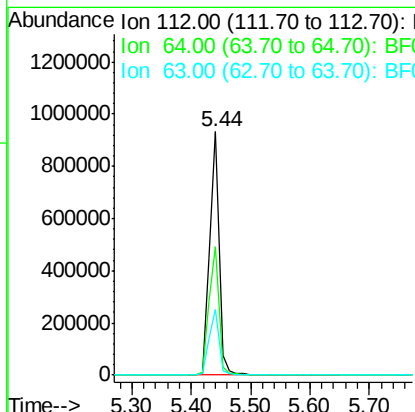
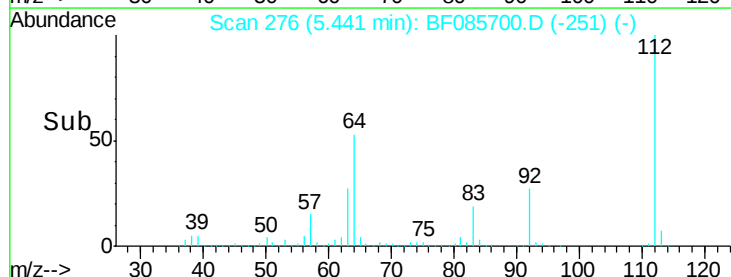
#5

2-Fluorophenol
Concen: 143.49 ng
RT: 5.44 min Scan# 276
Delta R.T. -0.01 min
Lab File: BF085700.D
Acq: 23 Mar 2016 11:47

Tgt Ion:112 Resp: 1037653
Ion Ratio Lower Upper
112 100
64 52.6 39.9 59.9
63 26.8 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: 137.35 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.02 min

Lab File: BF085700.D

Acq: 23 Mar 2016 11:47

Instrument :

BNA_F

ClientSampled :

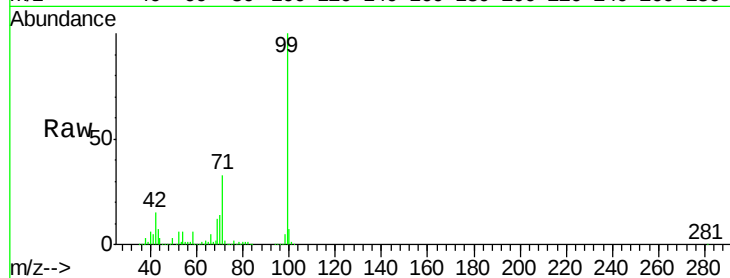
Tot Ion: 99 Resp: 1273905

Ion Ratio Lower Upper

99 100

42 15.1 11.1 16.7

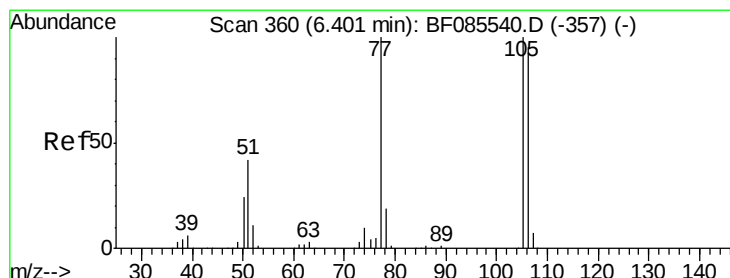
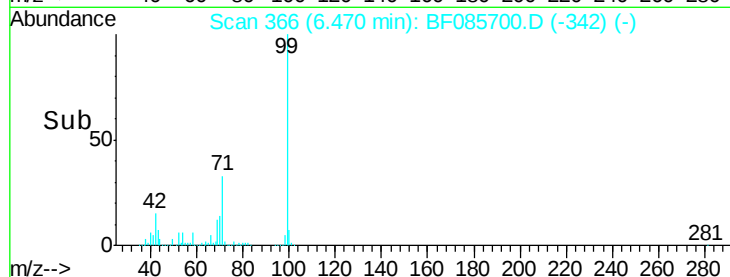
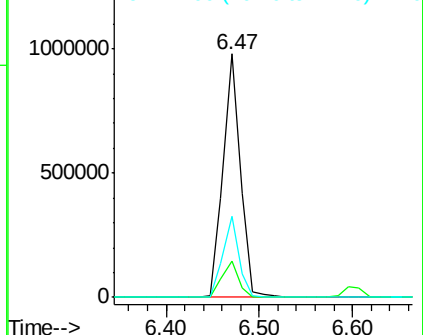
71 33.3 24.9 37.3



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: 3.26 ng

RT: 6.61 min Scan# 378

Delta R.T. 0.21 min

Lab File: BF085700.D

Acq: 23 Mar 2016 11:47

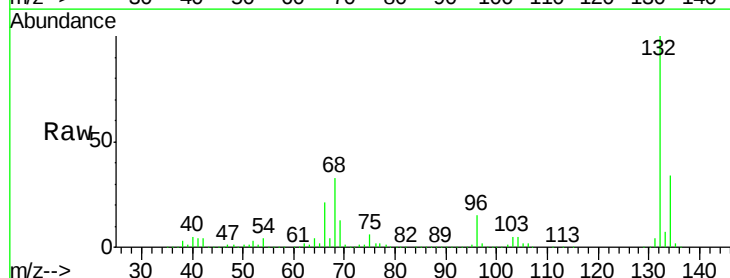
Tgt Ion: 77 Resp: 24383

Ion Ratio Lower Upper

77 100

105 92.8 80.1 120.1

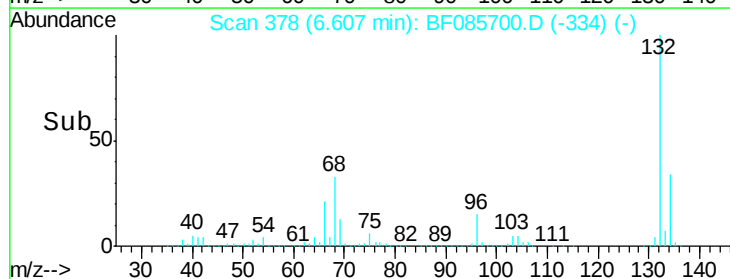
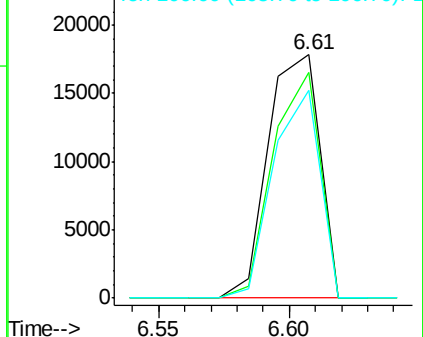
106 85.6 75.0 115.0

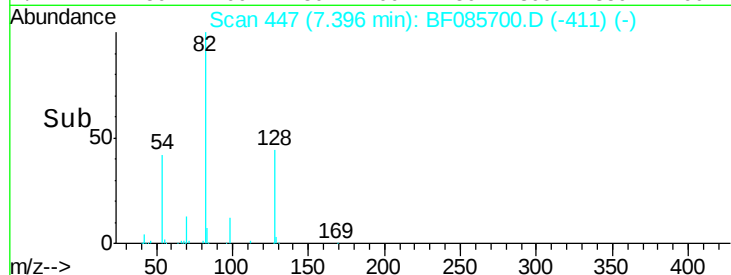
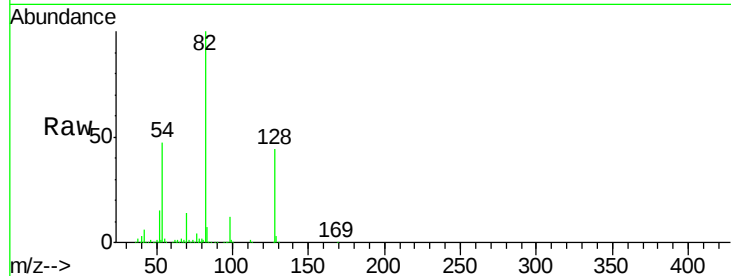
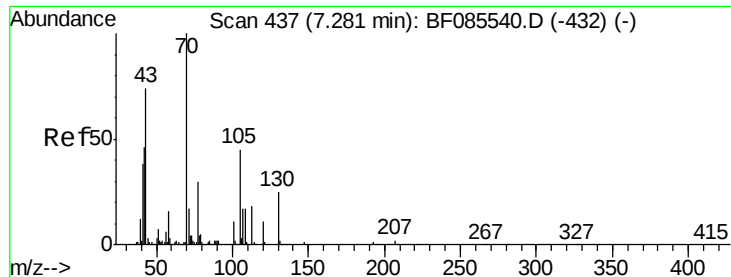


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

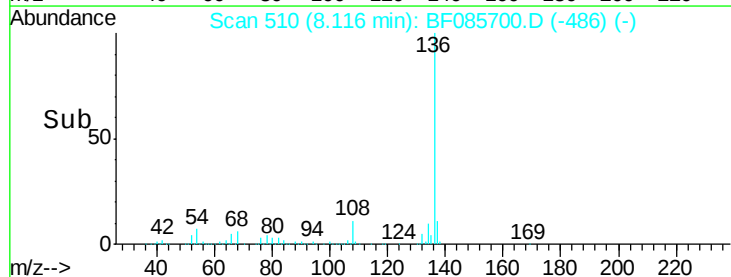
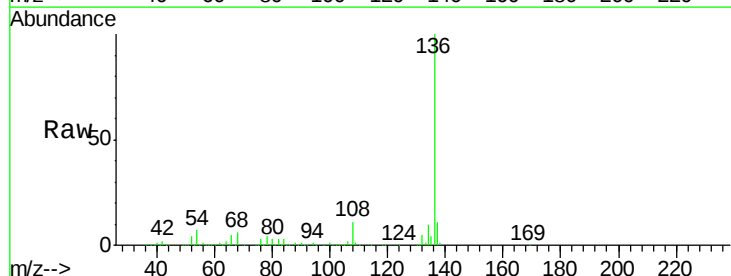
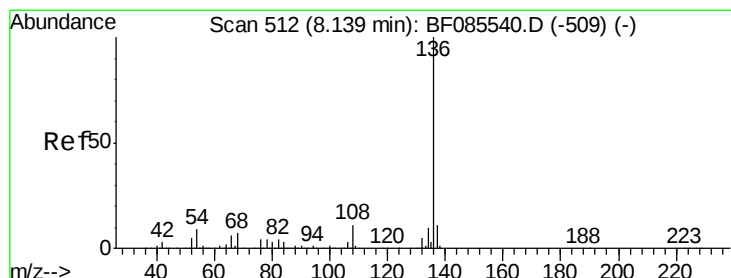
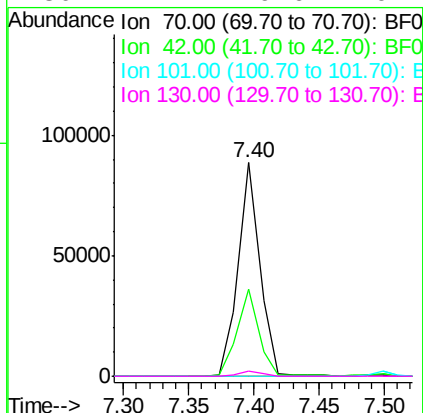




#19
n-Nitroso-di-n-propylamine
Concen: 18.52 ng
RT: 7.40 min Scan# 447
Delta R.T. 0.11 min
Lab File: BF085700.D
Acq: 23 Mar 2016 11:47

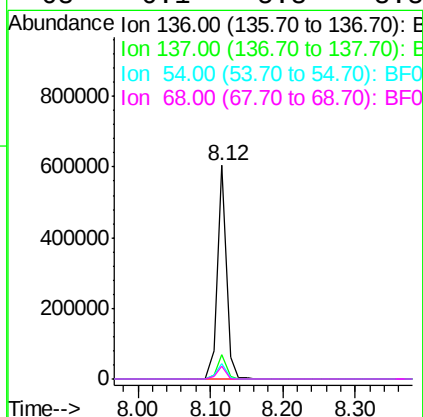
Instrument :
BNA_F
ClientSampleId :

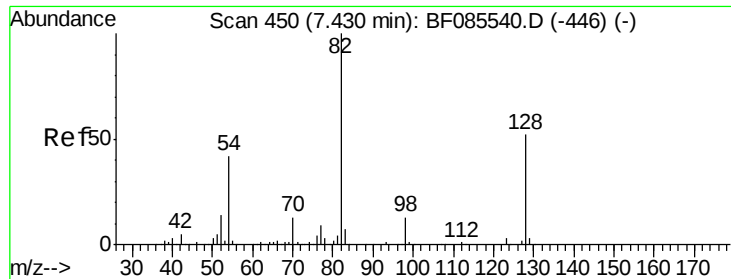
Tot Ion	Ratio	Lower	Upper
70	100		
42	40.7	37.1	55.7
101	0.0	8.6	12.8#
130	2.1	19.6	29.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 510
Delta R.T. -0.02 min
Lab File: BF085700.D
Acq: 23 Mar 2016 11:47

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	7.3	7.4	11.0#
68	6.1	5.8	8.8

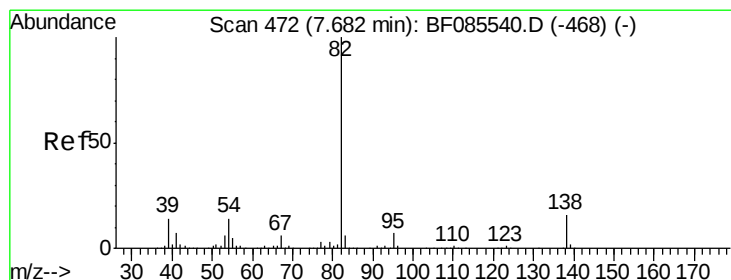
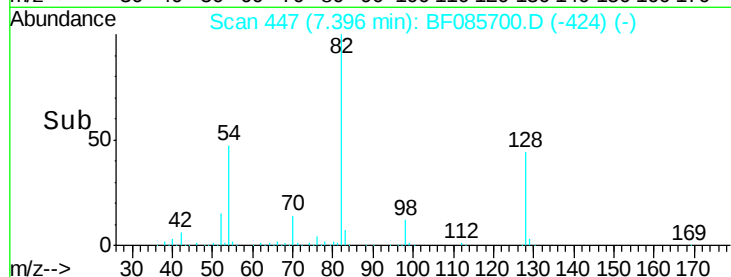
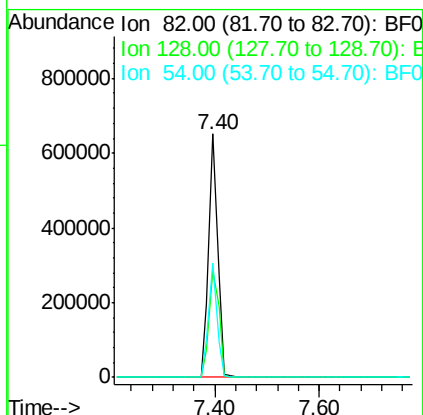
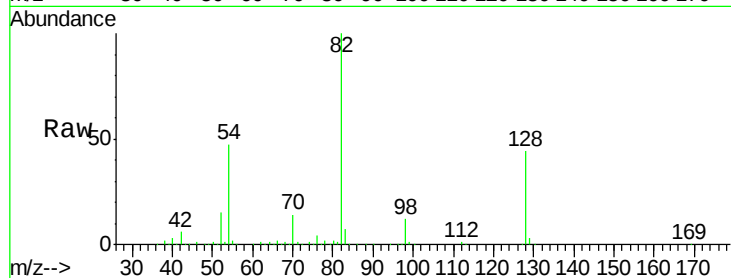




#23
 Nitrobenzene-d5
 Concen: 88.07 ng
 RT: 7.40 min Scan# 447
 Delta R.T. -0.03 min
 Lab File: BF085700.D
 Acq: 23 Mar 2016 11:47

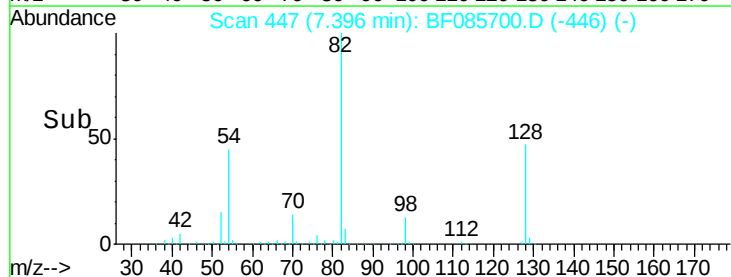
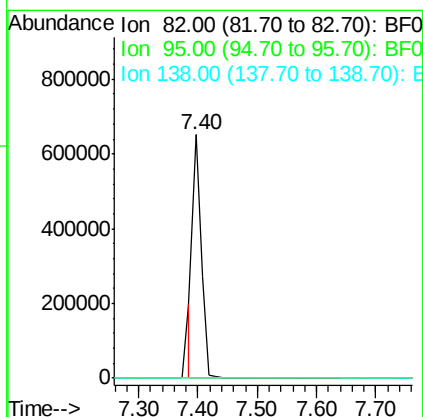
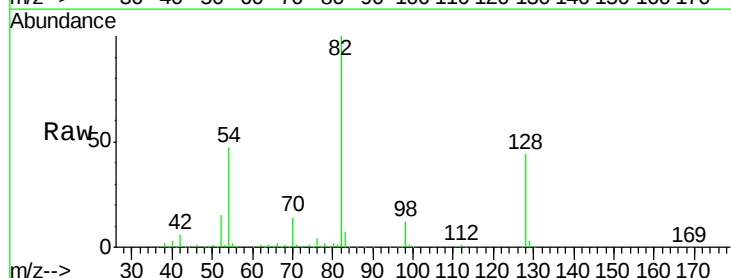
Instrument :
 BNA_F
 ClientSampled :

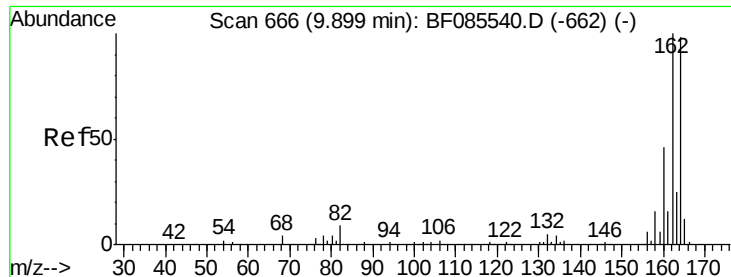
Tot Ion	82	Resp	787910
Ion	Ratio	Lower	Upper
82	100		
128	43.9	41.8	62.8
54	46.9	33.4	50.0



#25
 Isophorone
 Concen: 36.34 ng
 RT: 7.40 min Scan# 447
 Delta R.T. -0.29 min
 Lab File: BF085700.D
 Acq: 23 Mar 2016 11:47

Tgt Ion	82	Resp	650997
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: 9.86 min Scan# 663

Delta R.T. -0.03 min

Lab File: BF085700.D

Acq: 23 Mar 2016 11:47

Instrument :

BNA_F

ClientSampleId :

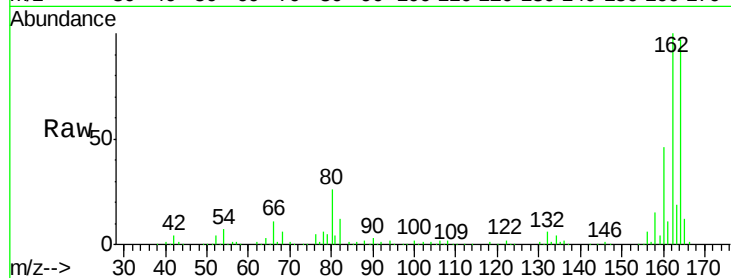
Tot Ion:164 Resp: 216551

Ion Ratio Lower Upper

164 100

162 103.0 82.1 123.1

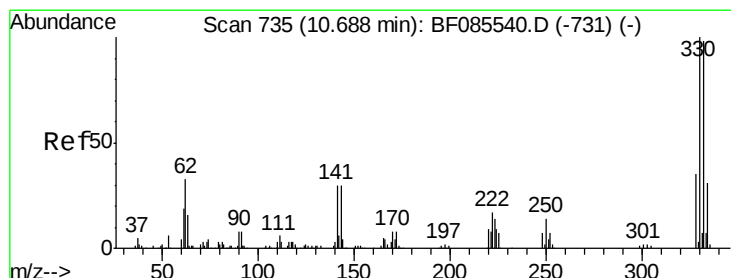
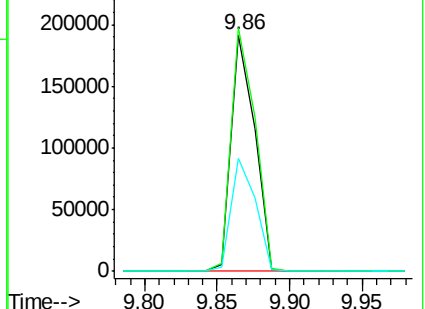
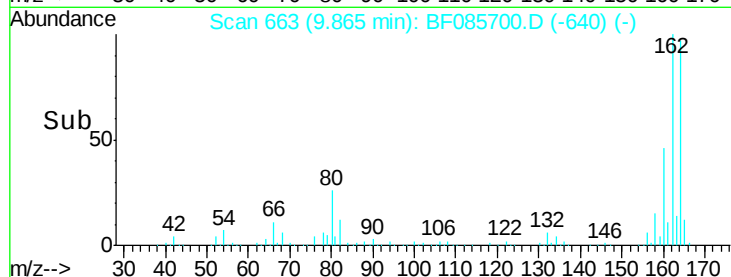
160 47.6 37.4 56.2



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: 158.86 ng

RT: 10.66 min Scan# 733

Delta R.T. -0.02 min

Lab File: BF085700.D

Acq: 23 Mar 2016 11:47

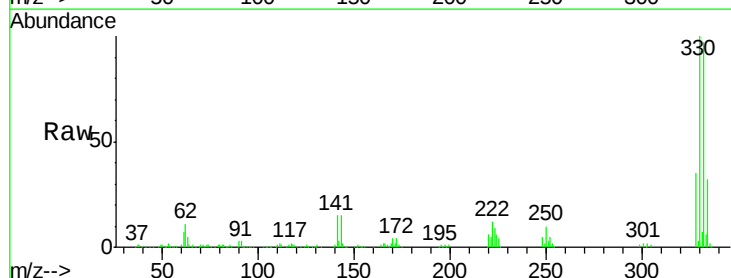
Tgt Ion:330 Resp: 336989

Ion Ratio Lower Upper

330 100

332 96.5 78.2 117.2

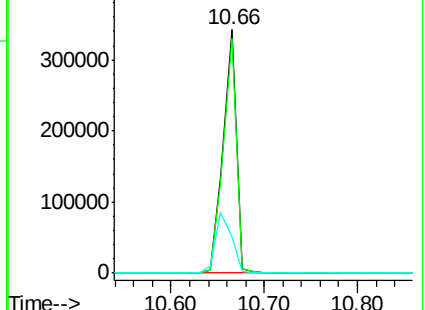
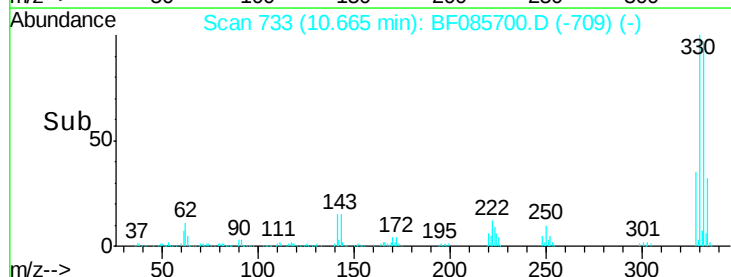
141 30.8 31.5 47.3#

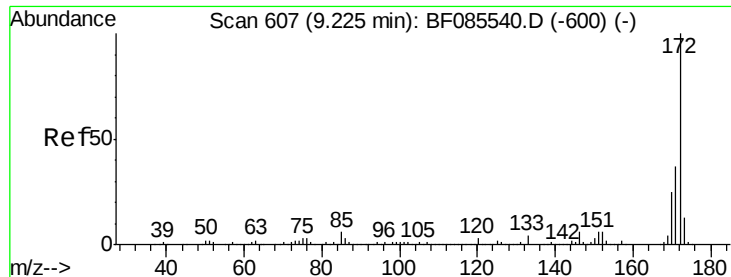


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

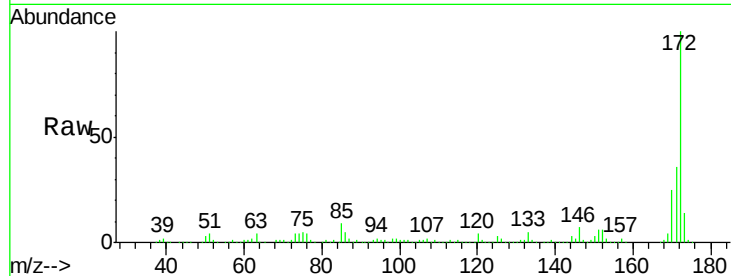




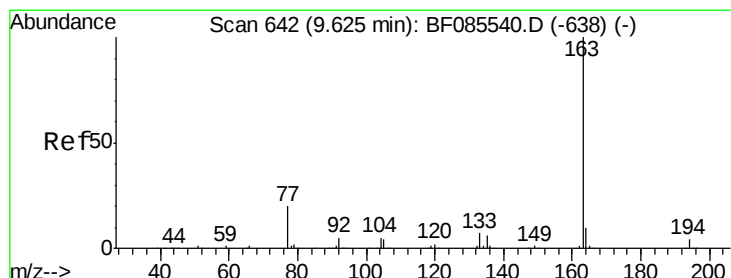
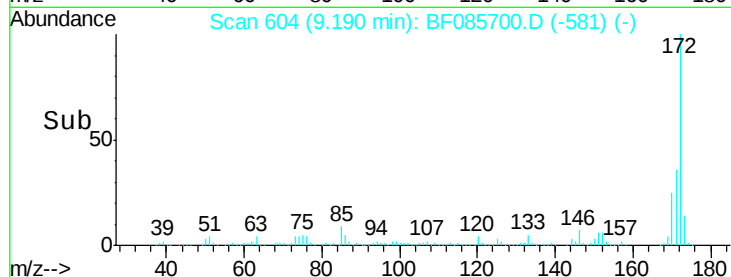
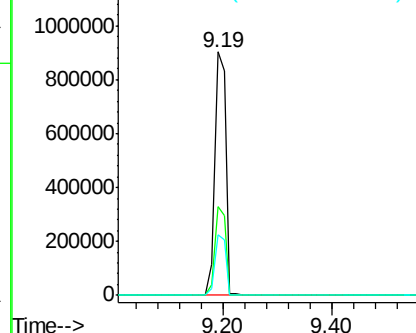
#44
2-Fluorobiphenyl
Concen: 109.13 ng
RT: 9.19 min Scan# 604
Delta R.T. -0.03 min
Lab File: BF085700.D
Acq: 23 Mar 2016 11:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1287869
Ion Ratio Lower Upper
172 100
171 36.5 29.4 44.2
170 24.7 19.8 29.6

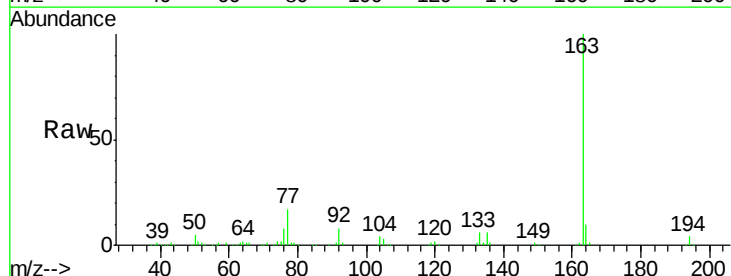


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

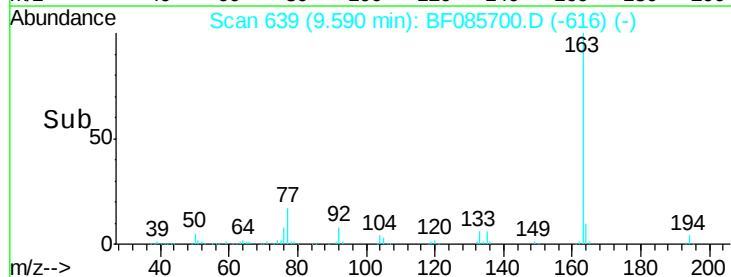
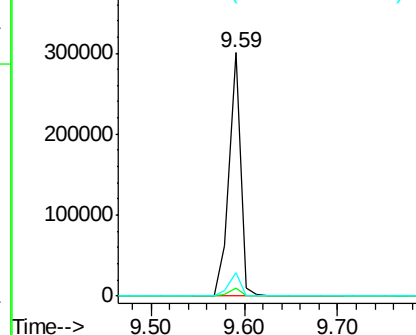


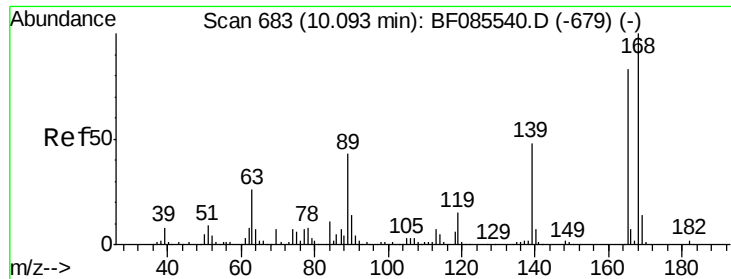
#49
Dimethylphthalate
Concen: 15.88 ng
RT: 9.59 min Scan# 639
Delta R.T. -0.03 min
Lab File: BF085700.D
Acq: 23 Mar 2016 11:47

Tgt Ion:163 Resp: 259496
Ion Ratio Lower Upper
163 100
194 3.6 2.9 4.3
164 9.9 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: 6.00 ng

RT: 9.86 min Scan# 663

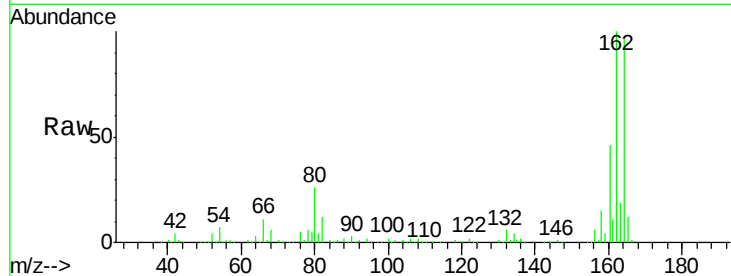
Delta R.T. -0.23 min

Lab File: BF085700.D

Acq: 23 Mar 2016 11:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165	Resp:	27106
Ion Ratio	Lower	Upper
165	100	
63	1.7	24.9 37.3#
89	1.8	41.0 61.6#
182	0.0	2.1 3.1#

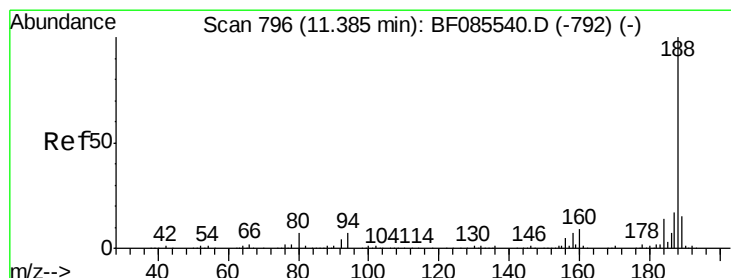
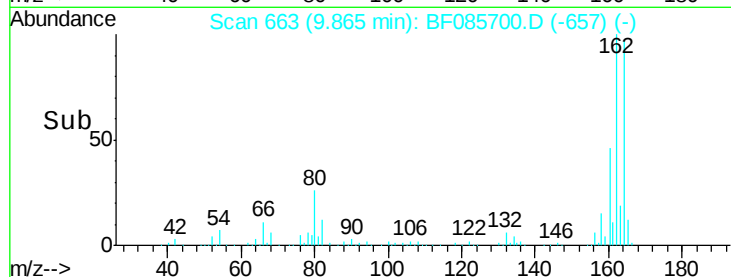
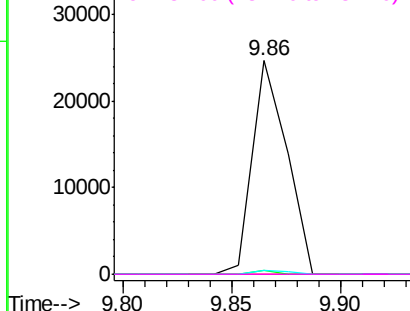


Abundance Ion 165.00 (164.70 to 165.70): E

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

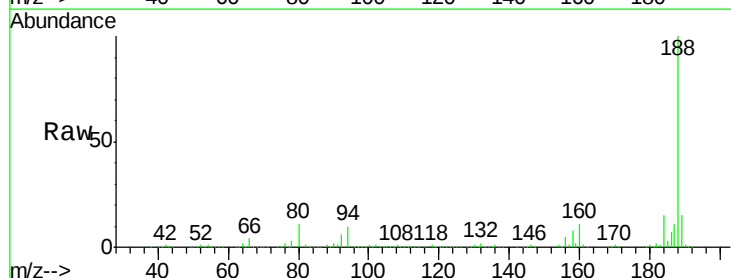
RT: 11.35 min Scan# 793

Delta R.T. -0.03 min

Lab File: BF085700.D

Acq: 23 Mar 2016 11:47

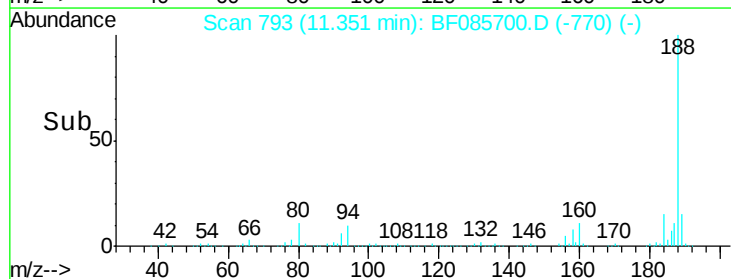
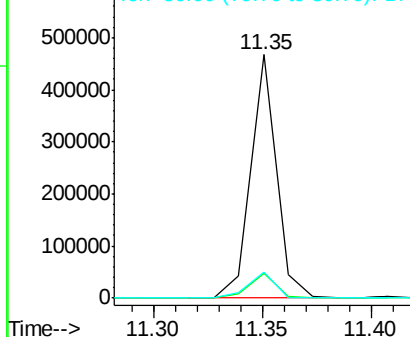
Tgt Ion:188	Resp:	383353
Ion Ratio	Lower	Upper
188	100	
94	10.3	5.4 8.0#
80	10.8	5.5 8.3#

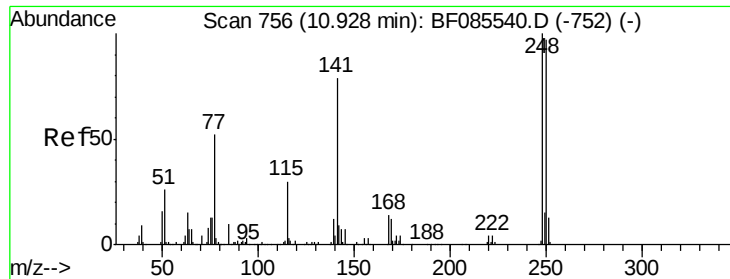


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

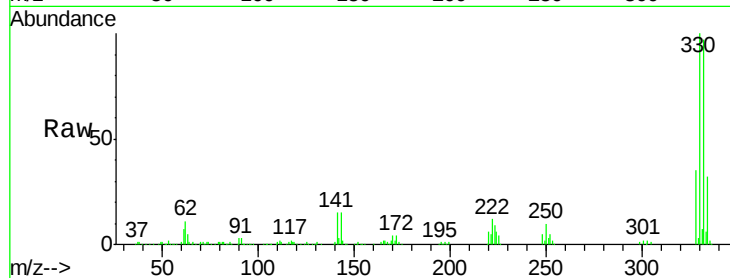




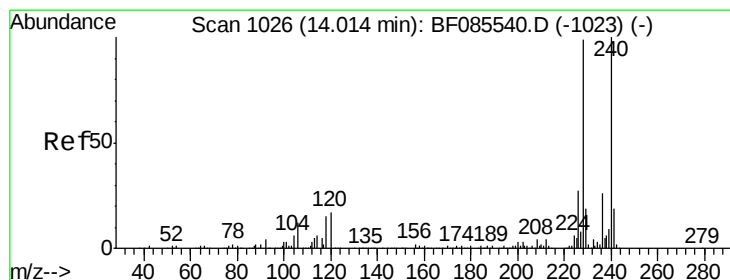
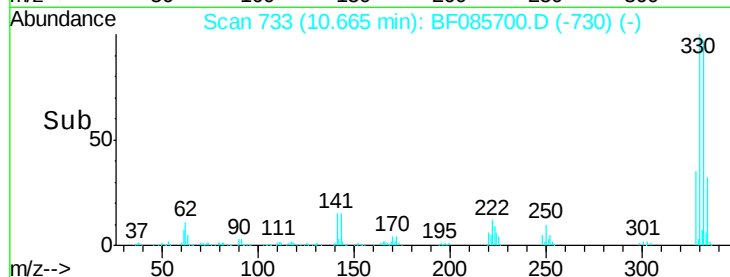
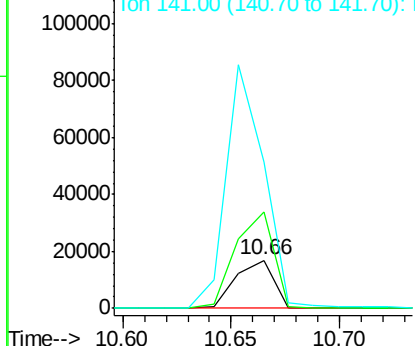
#66
4-Bromophenyl-phenylether
Concen: 5.47 ng
RT: 10.66 min Scan# 733
Delta R.T. -0.26 min
Lab File: BF085700.D
Acq: 23 Mar 2016 11:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 20943
Ion Ratio Lower Upper
248 100
250 199.3 77.4 116.0#
141 301.7 63.6 95.4#

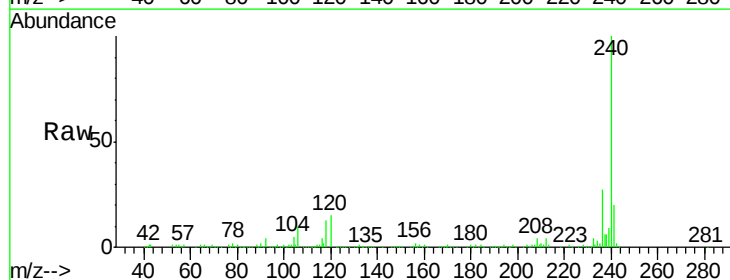


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

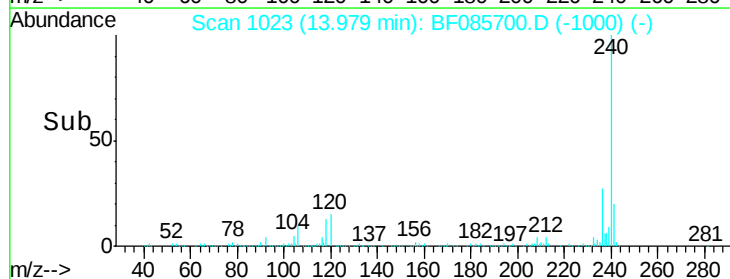
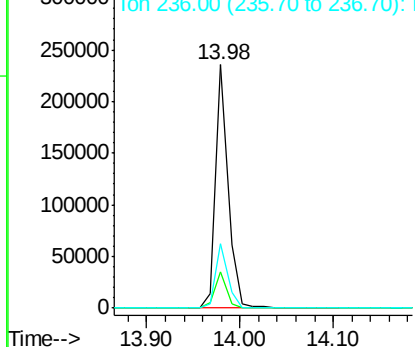


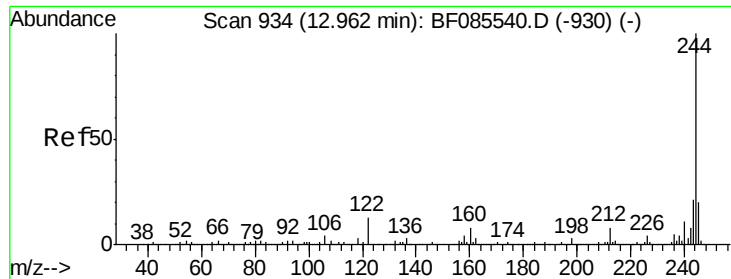
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 1023
Delta R.T. -0.03 min
Lab File: BF085700.D
Acq: 23 Mar 2016 11:47

Tgt Ion:240 Resp: 219205
Ion Ratio Lower Upper
240 100
120 15.1 13.8 20.8
236 26.7 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

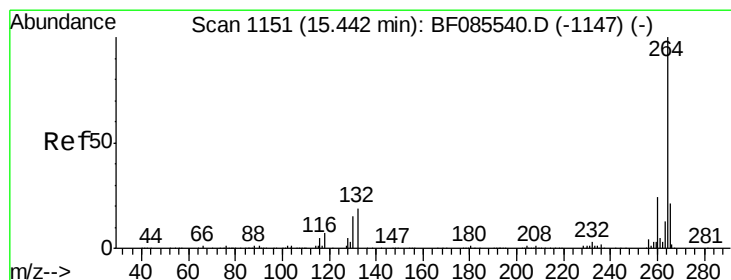
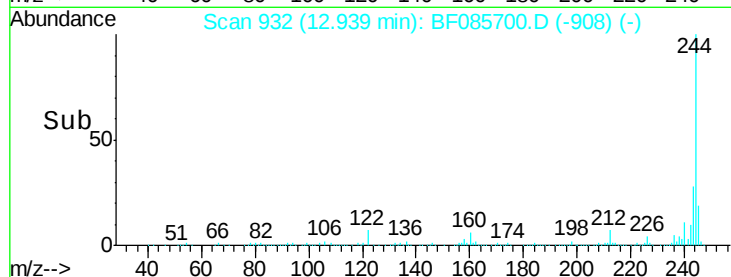
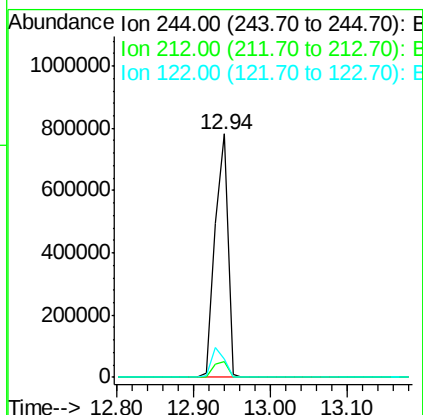
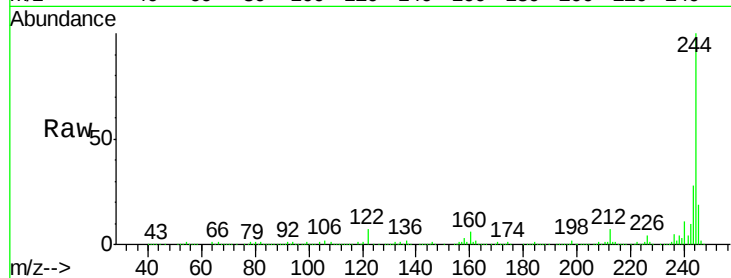




#78
 Terphenyl-d14
 Concen: 98.40 ng
 RT: 12.94 min Scan# 932
 Delta R.T. -0.02 min
 Lab File: BF085700.D
 Acq: 23 Mar 2016 11:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 896359
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.1 9.1
 122 7.3 10.2 15.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1147
 Delta R.T. -0.05 min
 Lab File: BF085700.D
 Acq: 23 Mar 2016 11:47

Tgt Ion:264 Resp: 203068
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.4 29.2
 265 21.5 17.2 25.8

