

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
 Data File : BF085938.D
 Acq On : 31 Mar 2016 20:19
 Operator : UM/SJ
 Sample : H1976-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-10

Quant Time: Mar 31 21:48:19 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 30 12:31:18 2016
 Response via : Initial Calibration

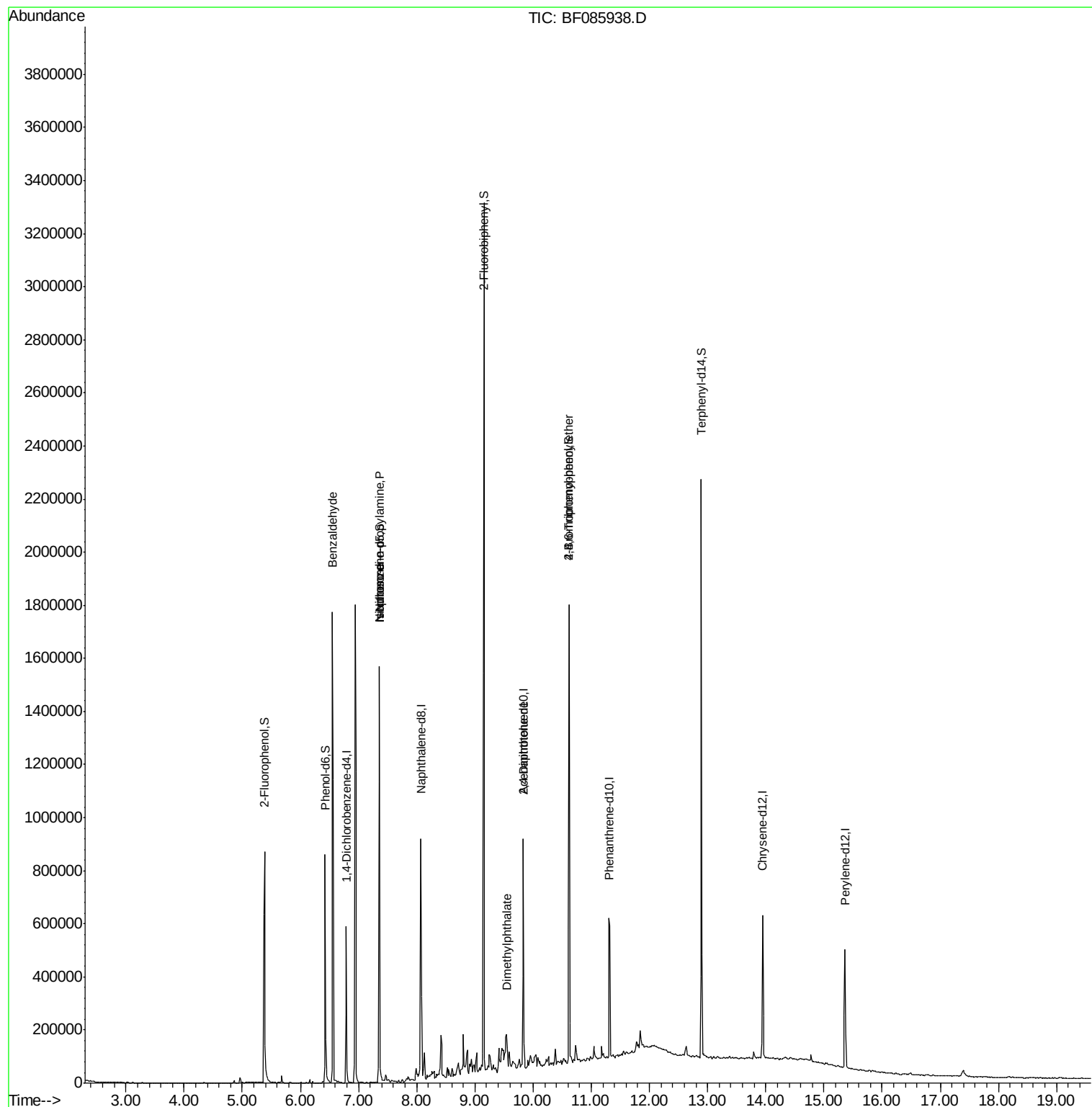
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	104196	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	407534	20.00	ng	-0.02
38) Acenaphthene-d10	9.83	164	182964	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	283385	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	183212	20.00	ng	-0.02
86) Perylene-d12	15.36	264	194675	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	382329	61.11	ng	-0.01
7) Phenol-d6	6.42	99	320449	40.28	ng	-0.02
23) Nitrobenzene-d5	7.36	82	705795	97.53	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	210036	120.82	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	1149777	104.99	ng	-0.01
78) Terphenyl-d14	12.89	244	642578	72.13	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.55	77	13889	2.90	ng	# 76
19) n-Nitroso-di-n-propylamine	7.36	70	91350	19.18	ng	# 74
25) Isophorone	7.36	82	689632	49.47	ng	# 68
37) 2-Methylnaphthalene	8.89	142	573	Below Cal		# 66
49) Dimethylphthalate	9.54	163	38634	2.78	ng	98
56) 2,4-Dinitrotoluene	9.83	165	23160	6.10	ng	# 38
66) 4-Bromophenyl-phenylether	10.62	248	14694	5.07	ng	# 1

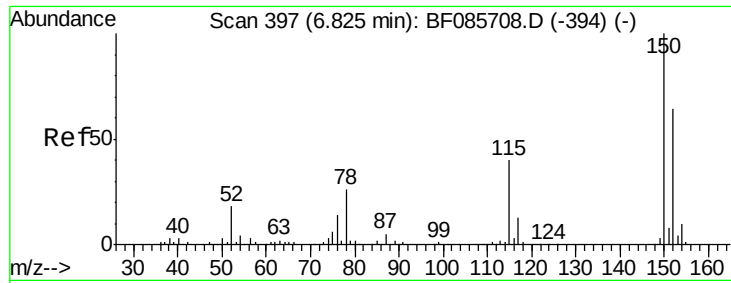
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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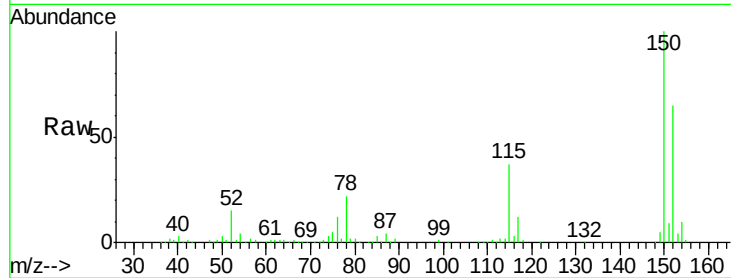




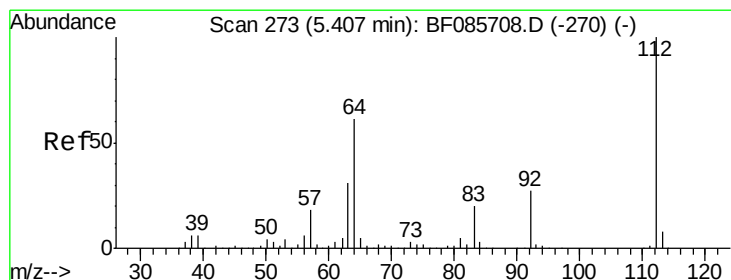
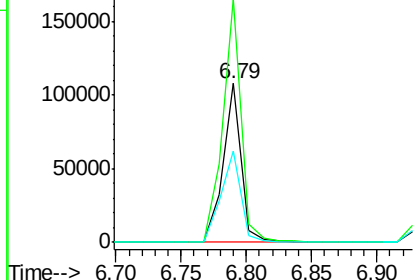
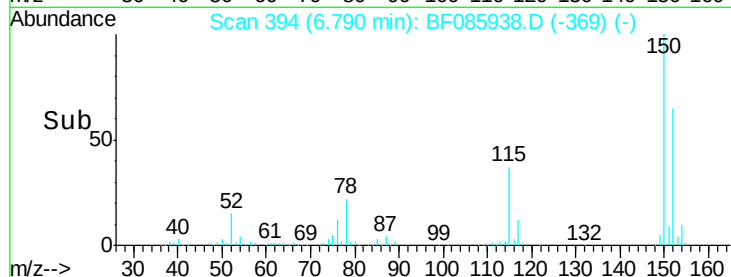
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.79 min Scan# 394
 Delta R.T. -0.01 min
 Lab File: BF085938.D
 Acq: 31 Mar 2016 20:19

Instrument :
 BNA_F
 ClientSampled :
 MW-10

Tgt Ion:152 Resp: 104196
 Ion Ratio Lower Upper
 152 100
 150 153.4 124.2 186.2
 115 57.2 47.0 70.6

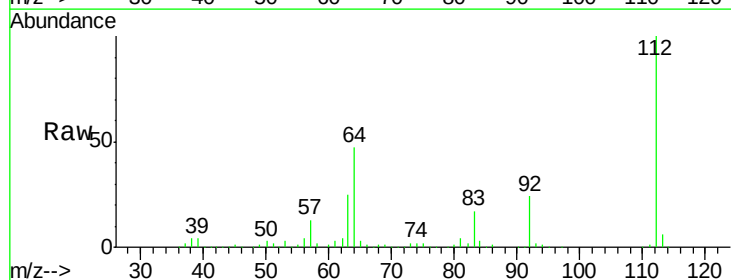


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

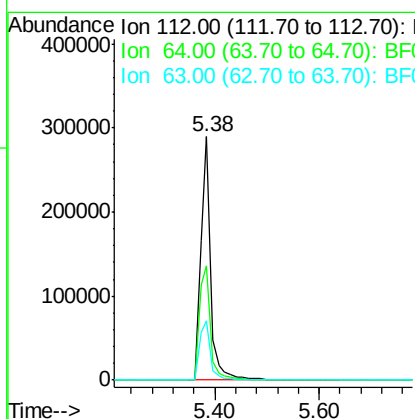
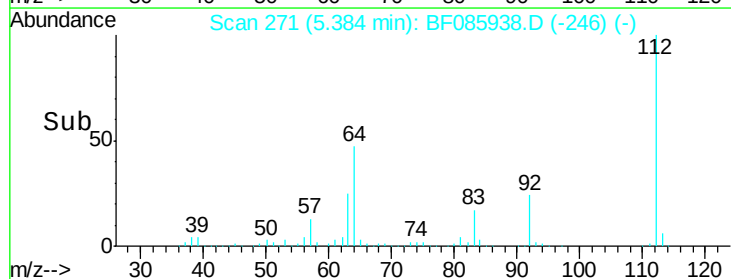


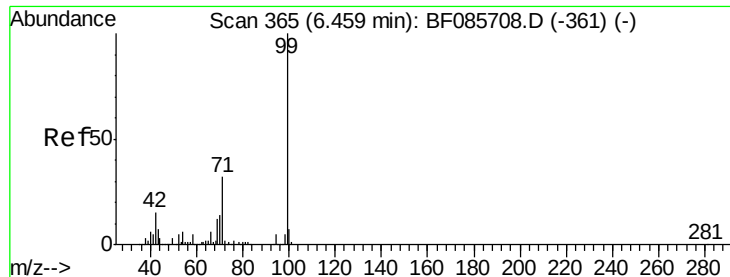
#5
 2-Fluorophenol
 Concen: 61.11 ng
 RT: 5.38 min Scan# 271
 Delta R.T. -0.01 min
 Lab File: BF085938.D
 Acq: 31 Mar 2016 20:19

Tgt Ion:112 Resp: 382329
 Ion Ratio Lower Upper
 112 100
 64 46.9 39.9 59.9
 63 24.5 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: 40.28 ng

RT: 6.42 min Scan# 362

Delta R.T. -0.02 min

Lab File: BF085938.D

Acq: 31 Mar 2016 20:19

Instrument :

BNA_F

ClientSampleId :

MW-10

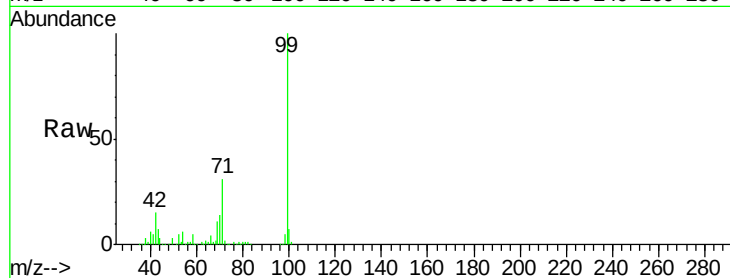
Tgt Ion: 99 Resp: 320449

Ion Ratio Lower Upper

99 100

42 14.5 11.1 16.7

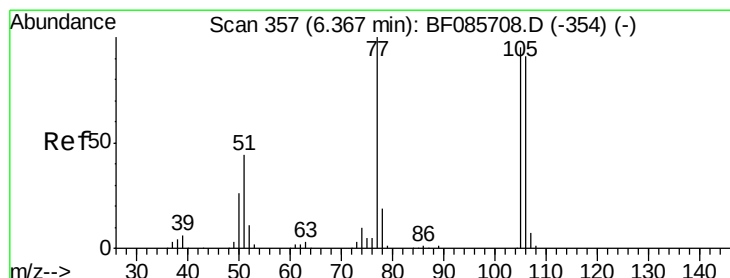
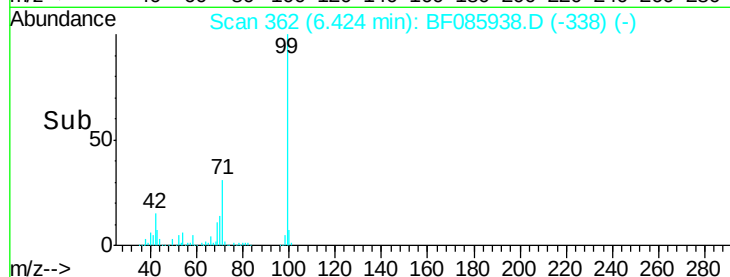
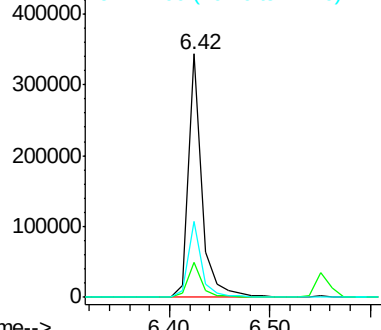
71 31.0 24.9 37.3



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: 2.90 ng

RT: 6.55 min Scan# 373

Delta R.T. 0.21 min

Lab File: BF085938.D

Acq: 31 Mar 2016 20:19

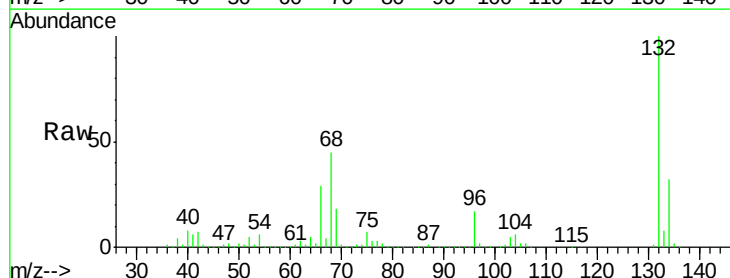
Tgt Ion: 77 Resp: 13889

Ion Ratio Lower Upper

77 100

105 75.7 80.1 120.1#

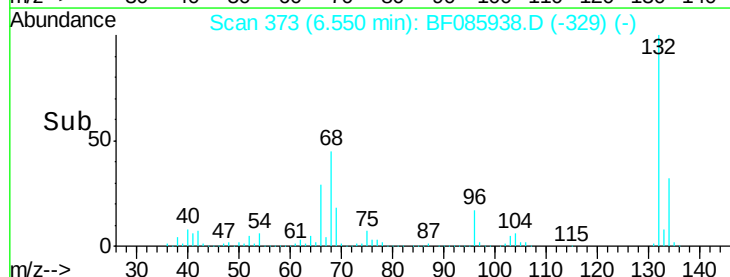
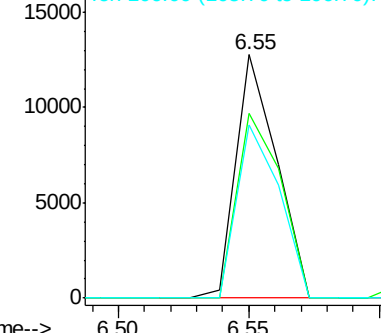
106 71.1 75.0 115.0#

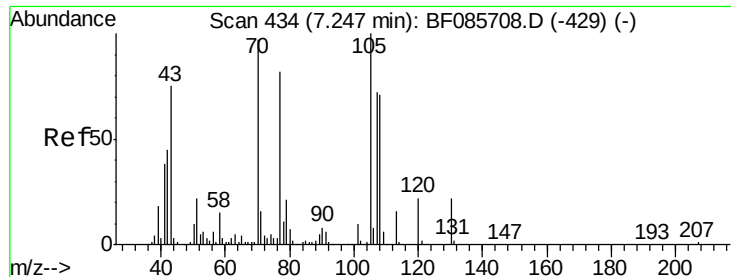


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

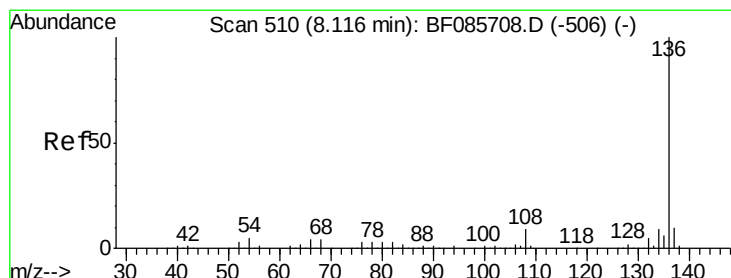
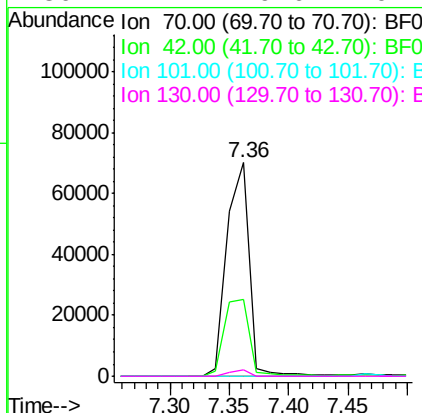
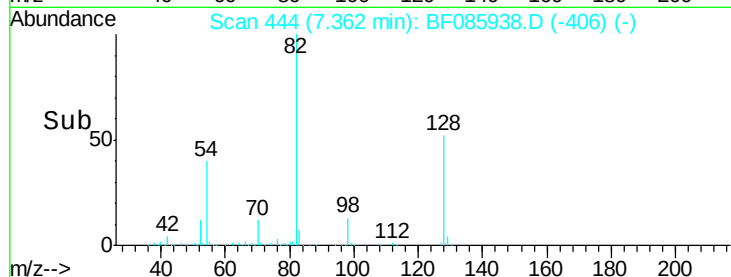
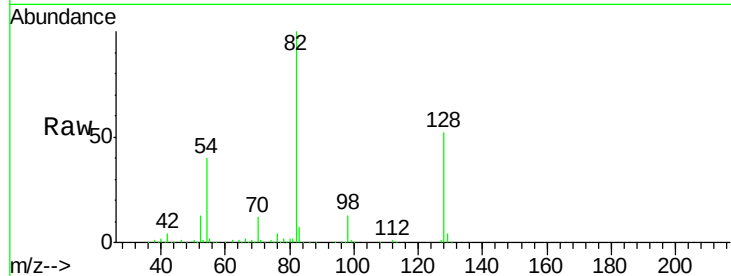




#19
n-Nitroso-di-n-propylamine
Concen: 19.18 ng
RT: 7.36 min Scan# 444
Delta R.T. 0.14 min
Lab File: BF085938.D
Acq: 31 Mar 2016 20:19

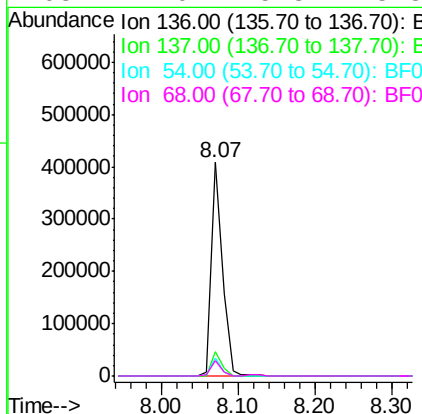
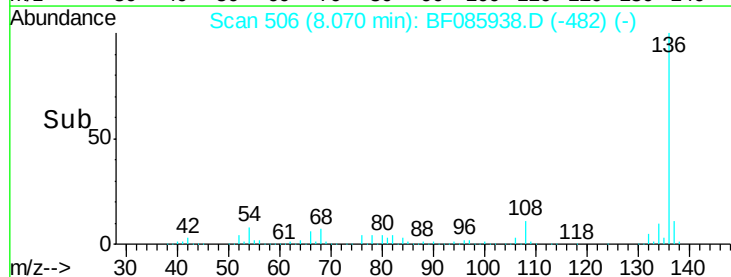
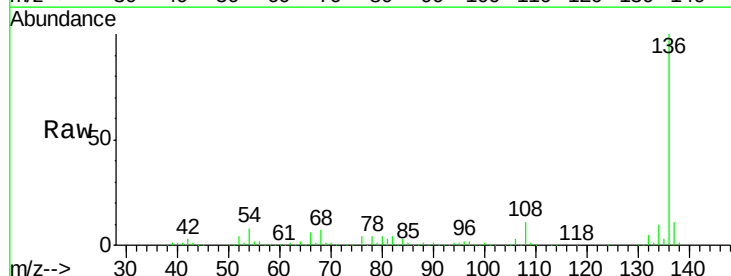
Instrument :
BNA_F
ClientSampleId :
MW-10

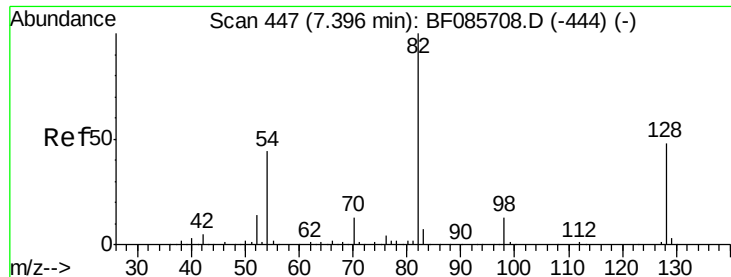
Tgt Ion: 70 Resp: 91350
Ion Ratio Lower Upper
70 100
42 36.2 37.1 55.7#
101 0.0 8.6 12.8#
130 2.7 19.6 29.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 506
Delta R.T. -0.02 min
Lab File: BF085938.D
Acq: 31 Mar 2016 20:19

Tgt Ion: 136 Resp: 407534
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 8.4 7.4 11.0
68 7.0 5.8 8.8

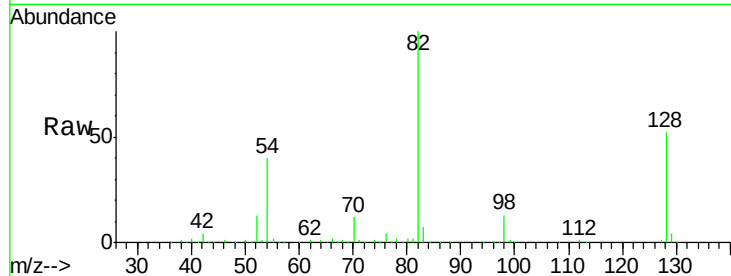




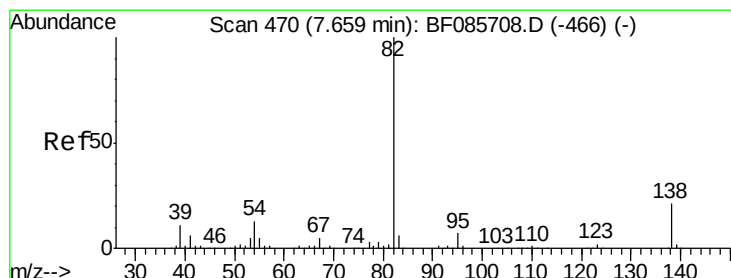
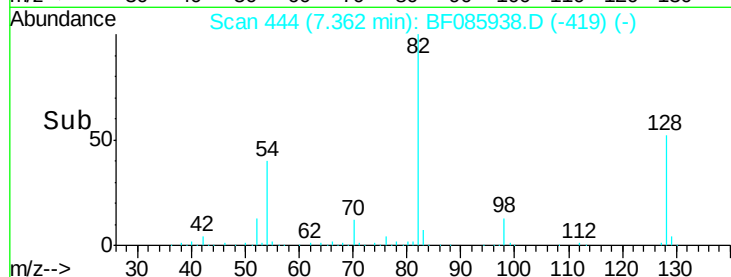
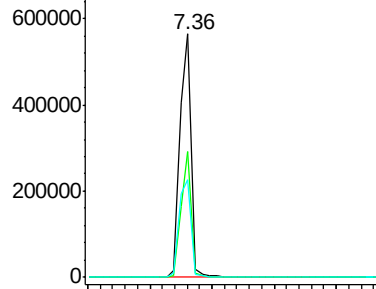
#23
 Nitrobenzene-d5
 Concen: 97.53 ng
 RT: 7.36 min Scan# 444
 Delta R.T. -0.01 min
 Lab File: BF085938.D
 Acq: 31 Mar 2016 20:19

Instrument :
 BNA_F
 ClientSampleId :
 MW-10

Tgt Ion	Ratio	Lower	Upper
82	100		
128	51.9	41.8	62.8
54	40.2	33.4	50.0

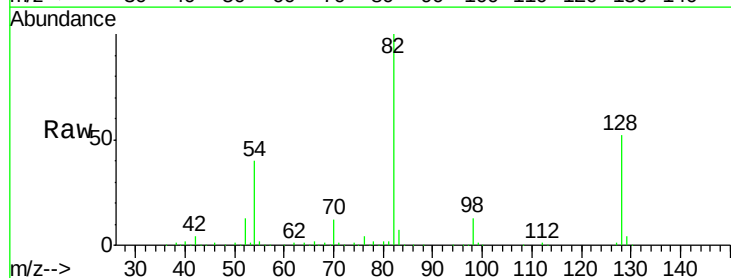


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

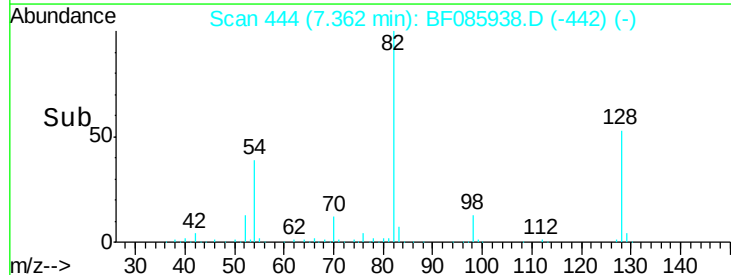
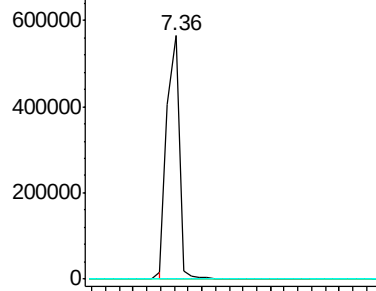


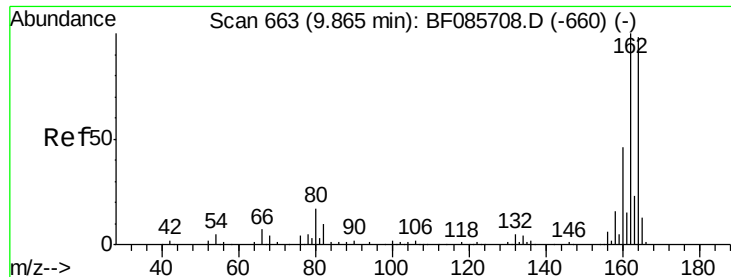
#25
 Isophorone
 Concen: 49.47 ng
 RT: 7.36 min Scan# 444
 Delta R.T. -0.27 min
 Lab File: BF085938.D
 Acq: 31 Mar 2016 20:19

Tgt 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: 9.83 min Scan# 660

Delta R.T. -0.01 min

Lab File: BF085938.D

Acq: 31 Mar 2016 20:19

Instrument :

BNA_F

ClientSampleId :

MW-10

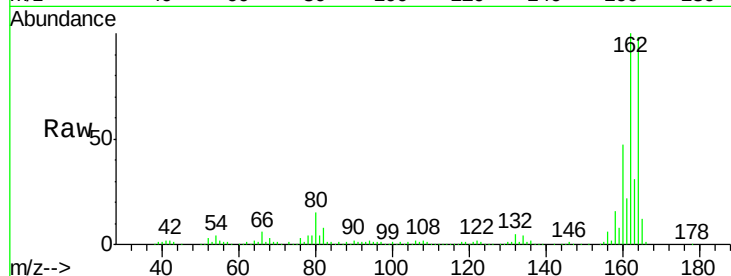
Tgt Ion:164 Resp: 182964

Ion Ratio Lower Upper

164 100

162 102.5 82.1 123.1

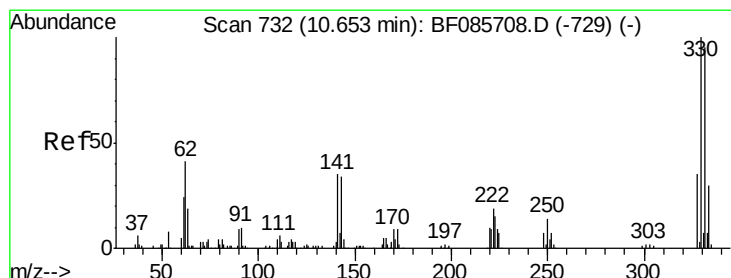
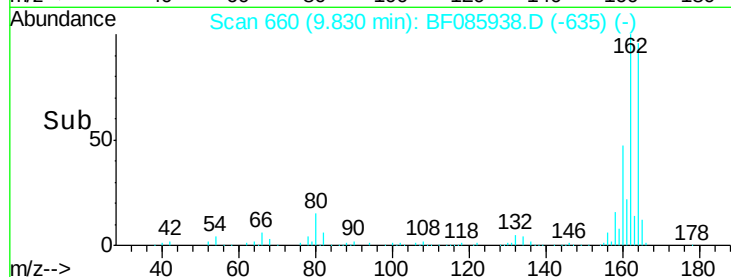
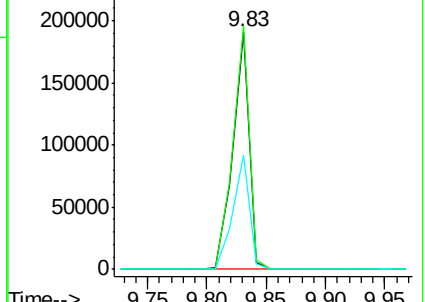
160 47.9 37.4 56.2



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: 120.82 ng

RT: 10.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF085938.D

Acq: 31 Mar 2016 20:19

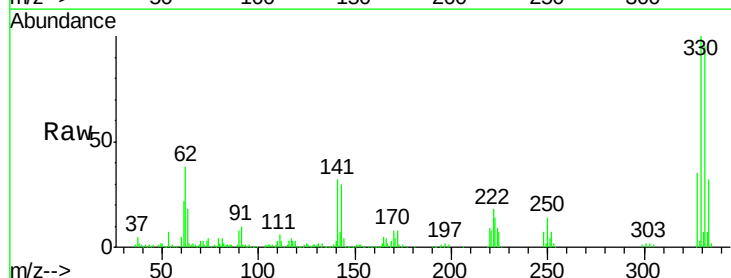
Tgt Ion:330 Resp: 210036

Ion Ratio Lower Upper

330 100

332 95.0 78.2 117.2

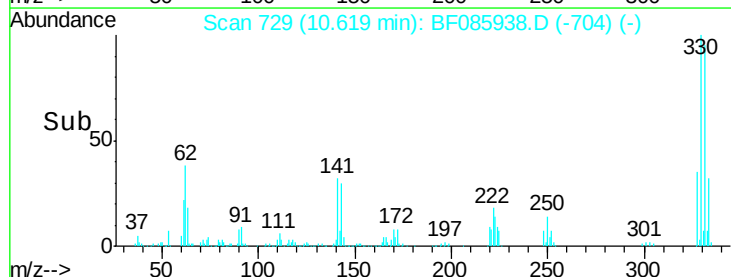
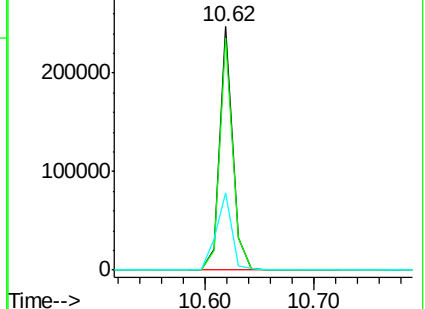
141 37.4 31.5 47.3

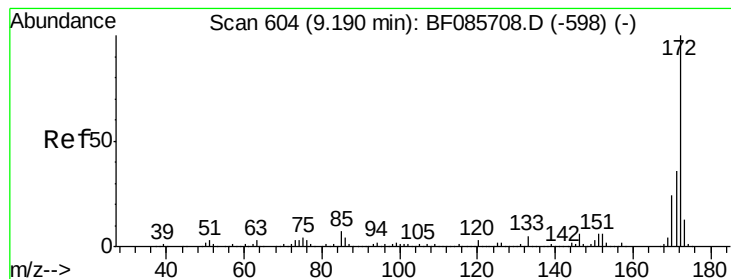


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 104.99 ng

RT: 9.16 min Scan# 601

Delta R.T. -0.01 min

Lab File: BF085938.D

Acq: 31 Mar 2016 20:19

Instrument :

BNA_F

ClientSampleId :

MW-10

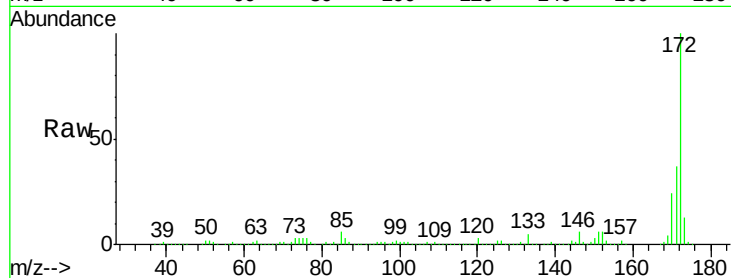
Tgt Ion:172 Resp: 1149777

Ion Ratio Lower Upper

172 100

171 36.6 29.4 44.2

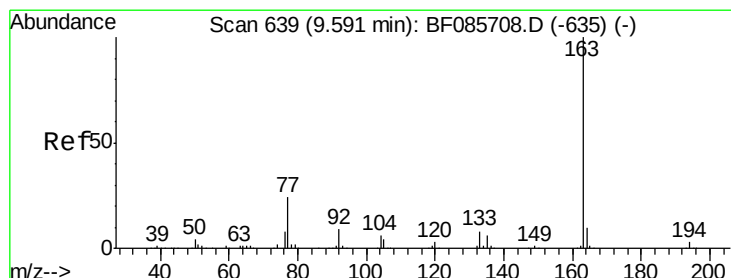
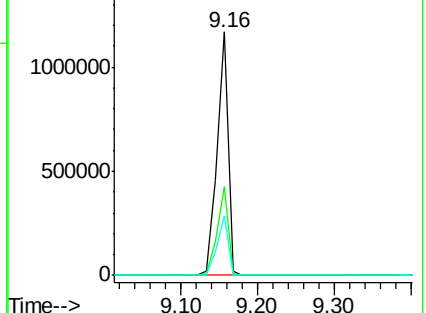
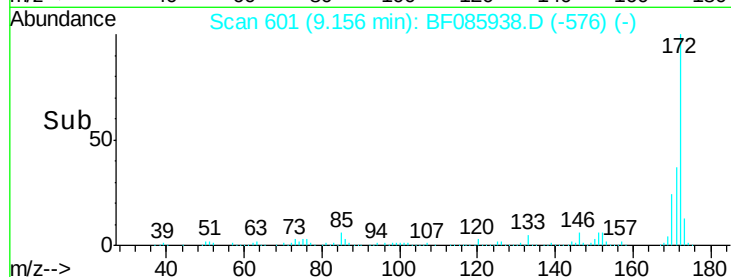
170 24.5 19.8 29.6



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: 2.78 ng

RT: 9.54 min Scan# 635

Delta R.T. -0.02 min

Lab File: BF085938.D

Acq: 31 Mar 2016 20:19

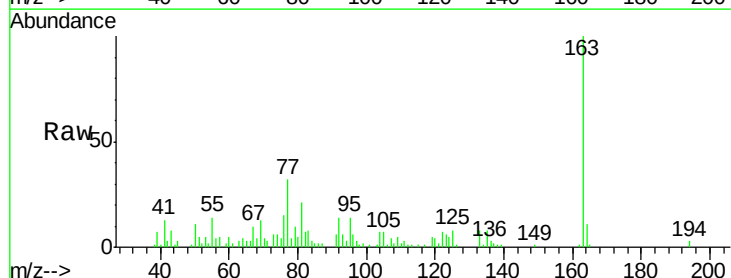
Tgt Ion:163 Resp: 38634

Ion Ratio Lower Upper

163 100

194 3.2 2.9 4.3

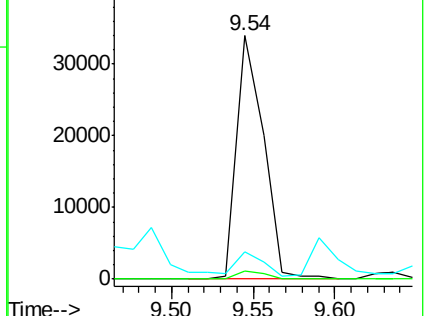
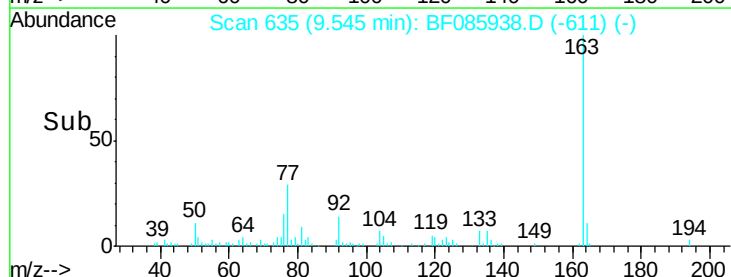
164 11.2 8.3 12.5

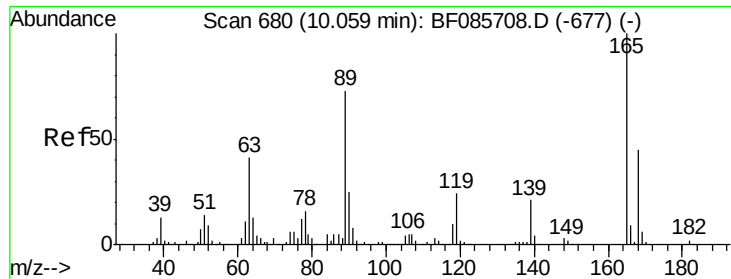


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

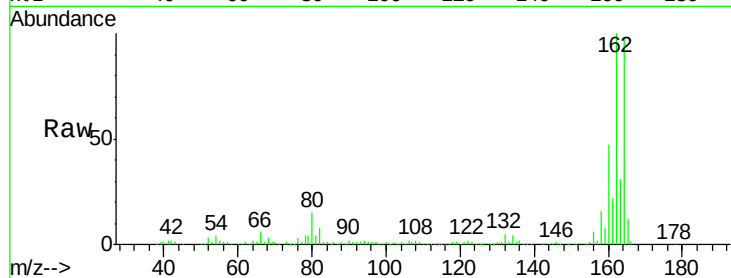




#56
2,4-Dinitrotoluene
Concen: 6.10 ng
RT: 9.83 min Scan# 660
Delta R.T. -0.21 min
Lab File: BF085938.D
Acq: 31 Mar 2016 20:19

Instrument :
BNA_F
ClientSampleId :
MW-10

Tgt Ion:	165	Resp:	23160
Ion Ratio	Lower	Upper	
165	100		
63	2.2	24.9	37.3#
89	2.5	41.0	61.6#
182	0.0	2.1	3.1#

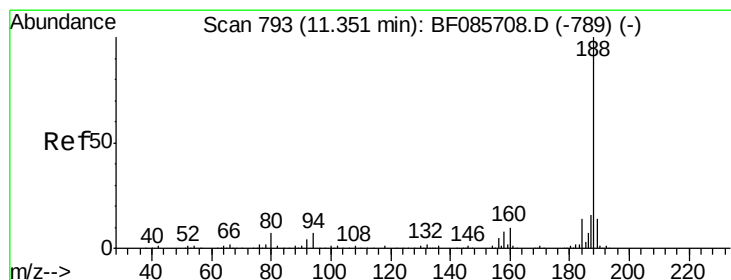
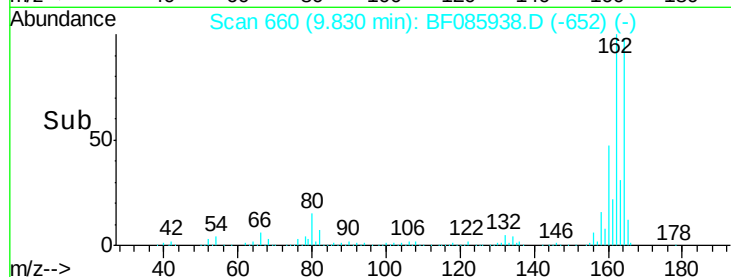
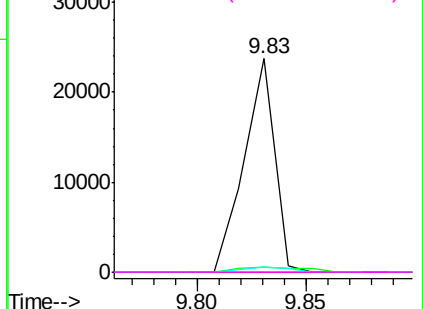


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

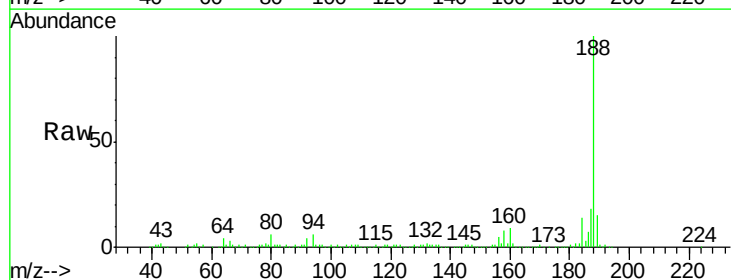
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF085938.D
Acq: 31 Mar 2016 20:19

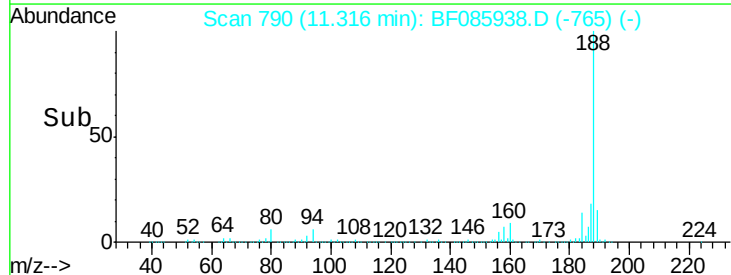
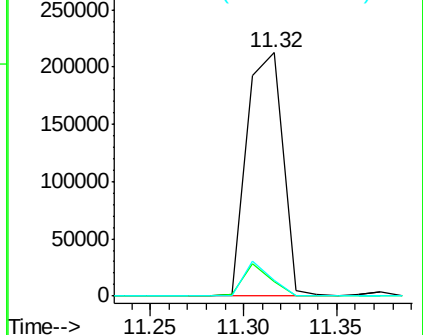
Tgt Ion:	188	Resp:	283385
Ion Ratio	Lower	Upper	
188	100		
94	6.1	5.4	8.0
80	6.4	5.5	8.3

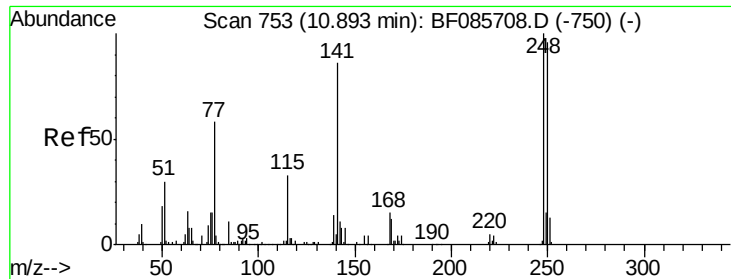


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

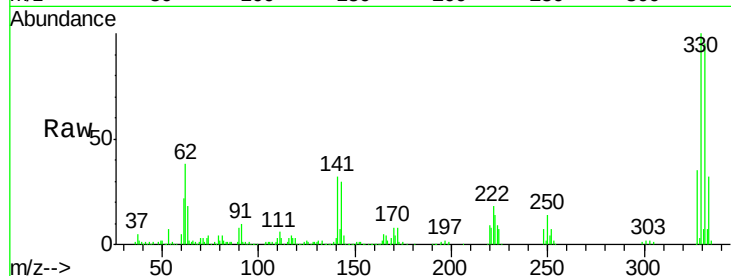




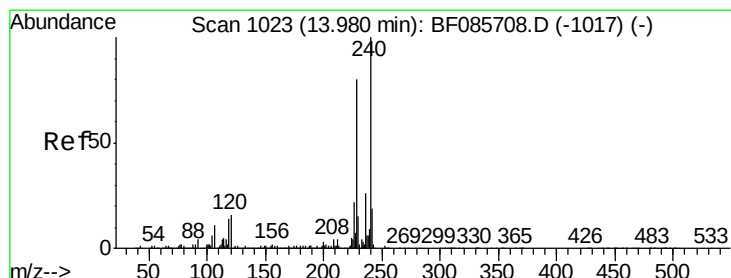
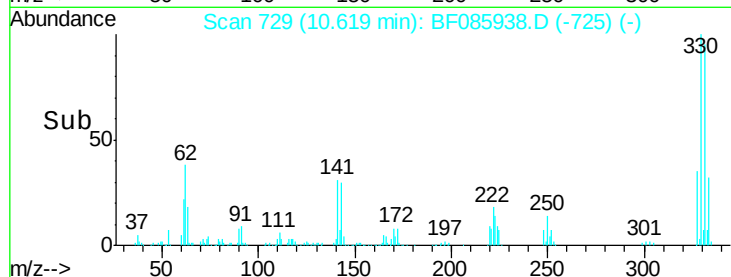
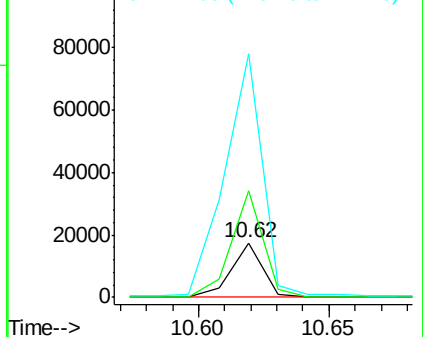
#66
 4-Bromophenyl-phenylether
 Concen: 5.07 ng
 RT: 10.62 min Scan# 729
 Delta R.T. -0.25 min
 Lab File: BF085938.D
 Acq: 31 Mar 2016 20:19

Instrument :
 BNA_F
 ClientSampleId :
 MW-10

Tgt Ion:248 Resp: 14694
 Ion Ratio Lower Upper
 248 100
 250 197.4 77.4 116.0#
 141 449.6 63.6 95.4#

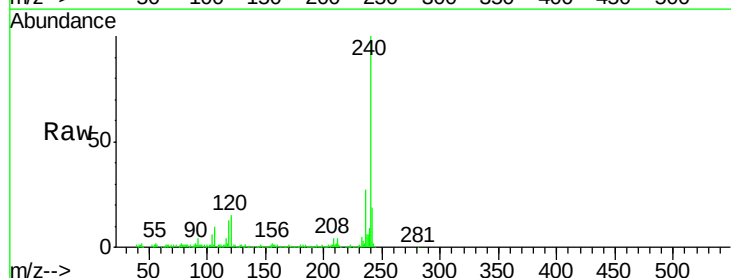


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

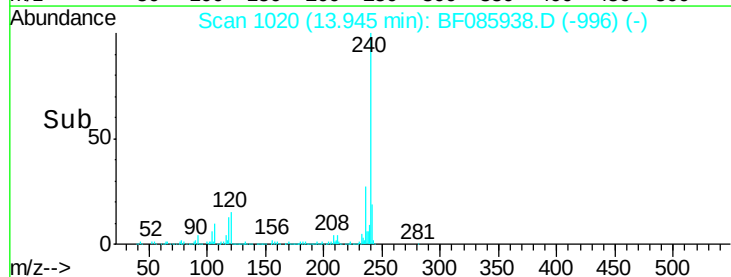
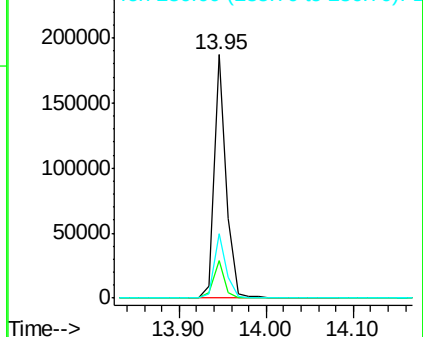


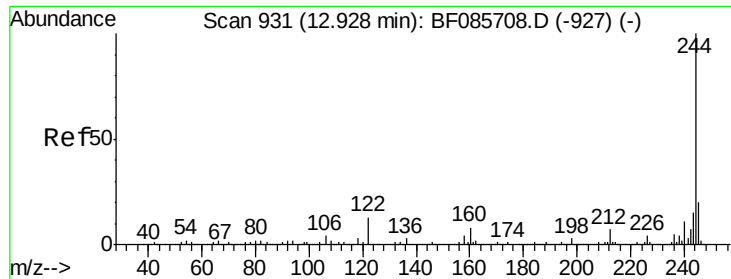
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.95 min Scan# 1020
 Delta R.T. -0.02 min
 Lab File: BF085938.D
 Acq: 31 Mar 2016 20:19

Tgt Ion:240 Resp: 183212
 Ion Ratio Lower Upper
 240 100
 120 15.5 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

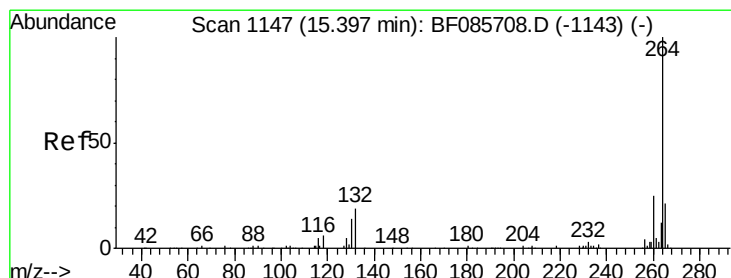
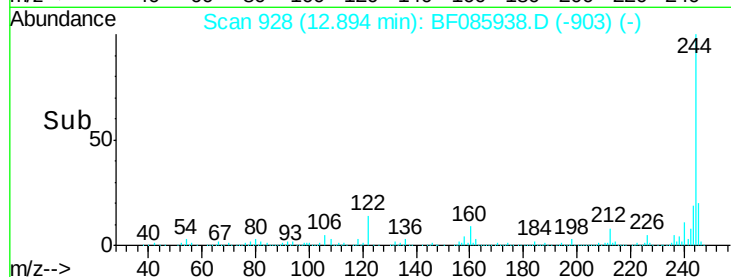
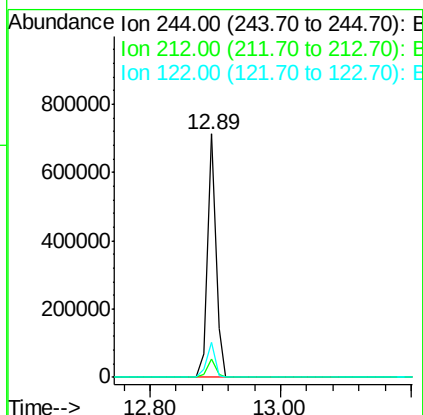
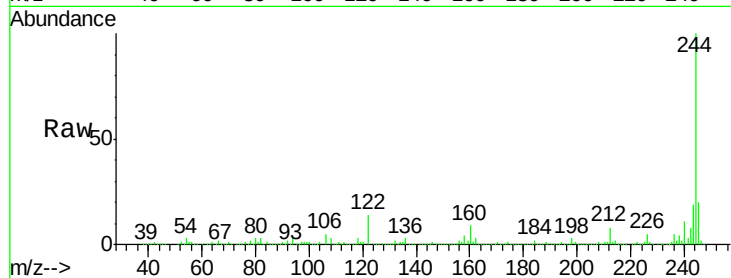




#78
 Terphenyl-d14
 Concen: 72.13 ng
 RT: 12.89 min Scan# 928
 Delta R.T. -0.01 min
 Lab File: BF085938.D
 Acq: 31 Mar 2016 20:19

Instrument :
 BNA_F
 ClientSampleId :
 MW-10

Tgt Ion:244 Resp: 642578
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.1 9.1
 122 14.4 10.2 15.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BF085938.D
 Acq: 31 Mar 2016 20:19

Tgt Ion:264 Resp: 194675
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.2
 265 21.1 17.2 25.8

