

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032216\
 Data File : BF085703.D
 Acq On : 23 Mar 2016 13:12
 Operator : UM/SJ
 Sample : H1857-22
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 23 14:01:29 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

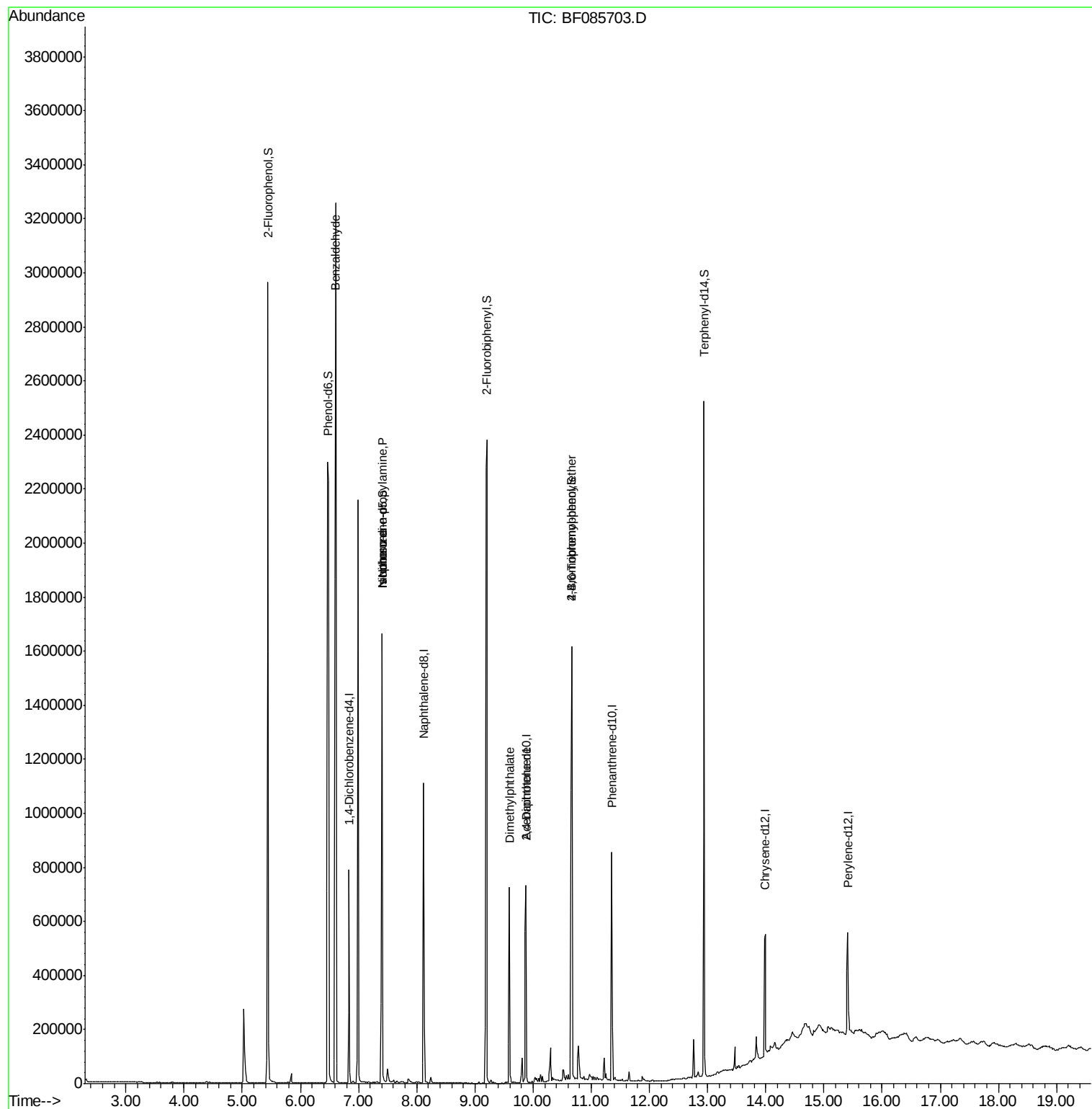
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	128839	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	481839	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	192892	20.00	ng	-0.02
63) Phenanthrene-d10	11.35	188	299698	20.00	ng	-0.03
75) Chrysene-d12	13.99	240	231134	20.00	ng	-0.02
86) Perylene-d12	15.41	264	180078	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1009570	131.62	ng	-0.01
7) Phenol-d6	6.48	99	1448016	147.19	ng	-0.01
23) Nitrobenzene-d5	7.41	82	864799	104.18	ng	-0.02
41) 2,4,6-Tribromophenol	10.66	330	261149	138.21	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	1175499	113.28	ng	-0.02
78) Terphenyl-d14	12.94	244	788685	82.11	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.61	77	24223	2.95	ng	Qvalue 88
19) n-Nitroso-di-n-propylamine	7.41	70	112330	19.11	ng	# 73
25) Isophorone	7.41	82	788261	47.43	ng	# 68
49) Dimethylphthalate	9.59	163	286711	19.70	ng	99
56) 2,4-Dinitrotoluene	9.88	165	24283	6.04	ng	# 37
66) 4-Bromophenyl-phenylether	10.66	248	17452	5.83	ng	# 1

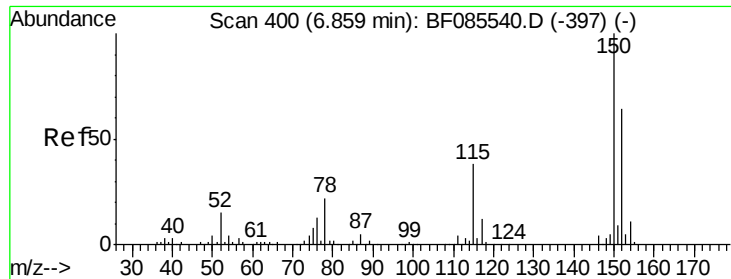
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 6.84 min Scan# 398

Delta R.T. -0.02 min

Lab File: BF085703.D

Acq: 23 Mar 2016 13:12

Instrument :

BNA_F

ClientSampleId :

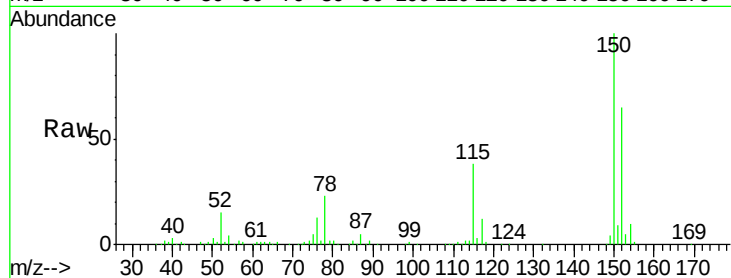
Tot Ion:152 Resp: 128839

Ion Ratio Lower Upper

152 100

150 152.7 124.2 186.2

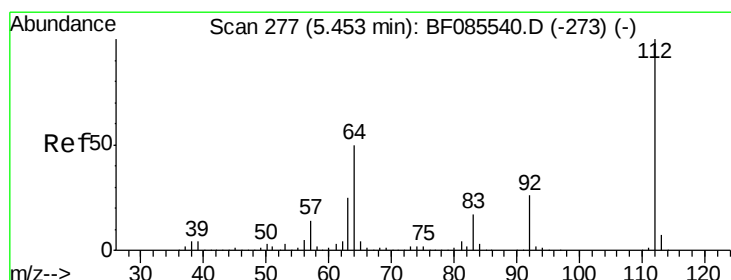
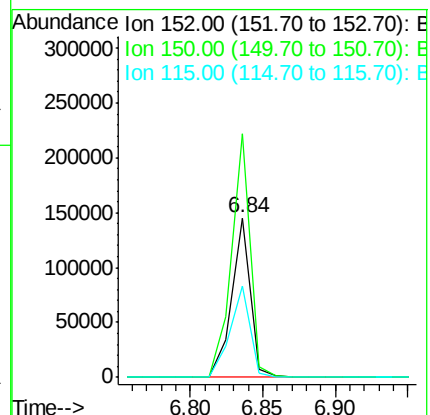
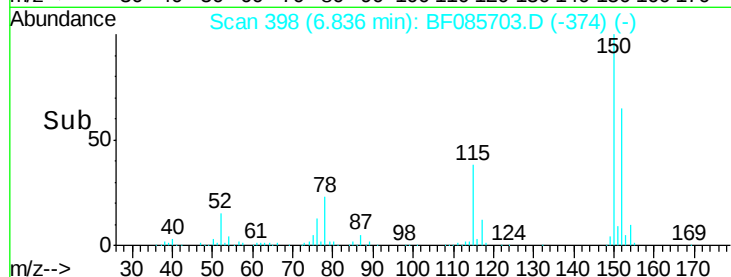
115 57.4 47.0 70.6



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: 131.62 ng

RT: 5.44 min Scan# 276

Delta R.T. -0.01 min

Lab File: BF085703.D

Acq: 23 Mar 2016 13:12

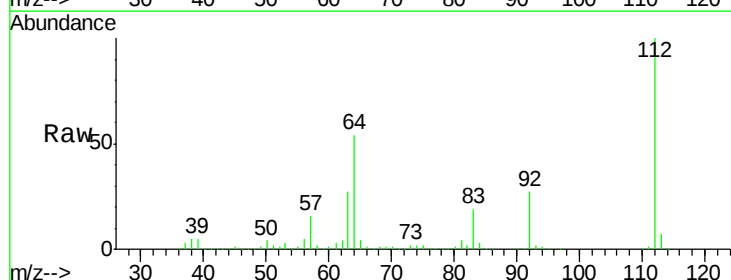
Tgt Ion:112 Resp: 1009570

Ion Ratio Lower Upper

112 100

64 53.9 39.9 59.9

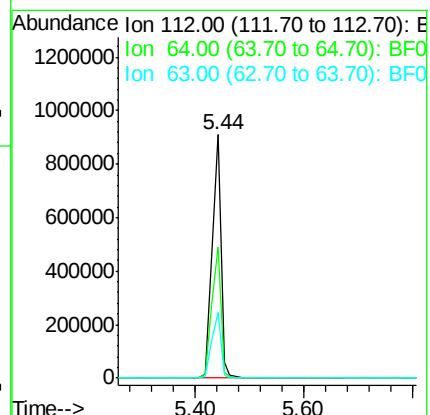
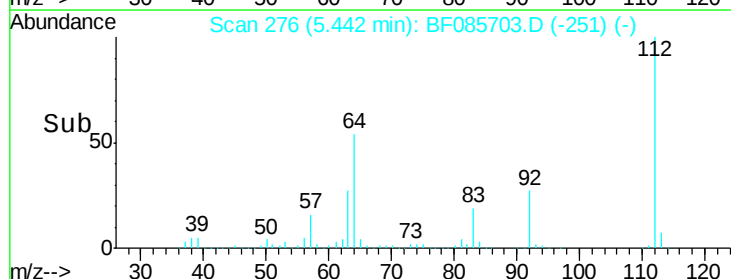
63 27.1 20.2 30.2



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: 147.19 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF085703.D

Acq: 23 Mar 2016 13:12

Instrument :

BNA_F

ClientSampleId :

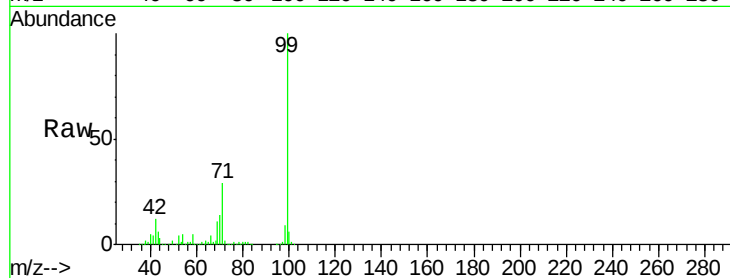
Tot Ion: 99 Resp: 1448016

Ion Ratio Lower Upper

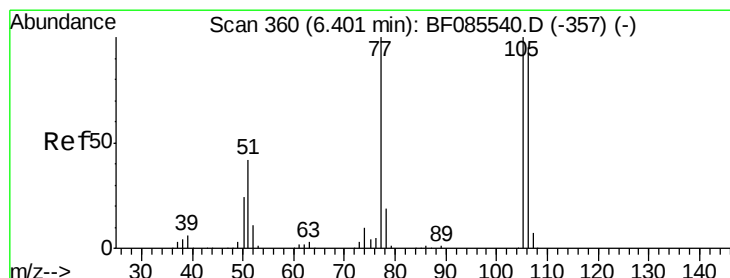
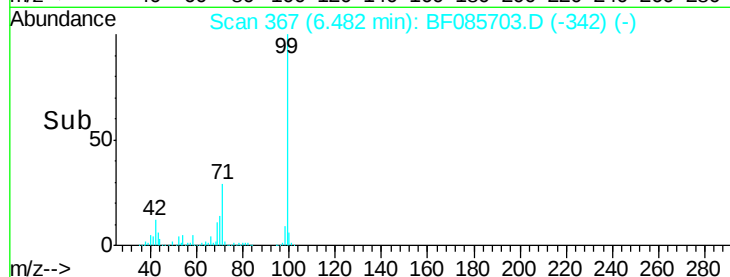
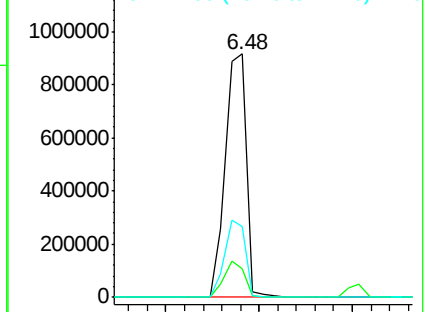
99 100

42 11.7 11.1 16.7

71 29.3 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: 2.95 ng

RT: 6.61 min Scan# 378

Delta R.T. 0.21 min

Lab File: BF085703.D

Acq: 23 Mar 2016 13:12

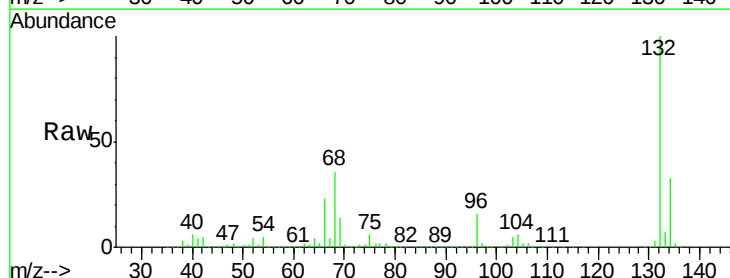
Tgt Ion: 77 Resp: 24223

Ion Ratio Lower Upper

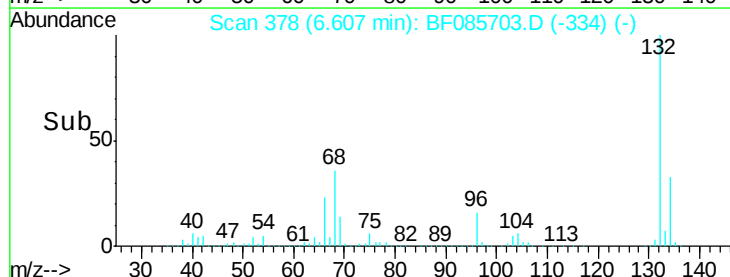
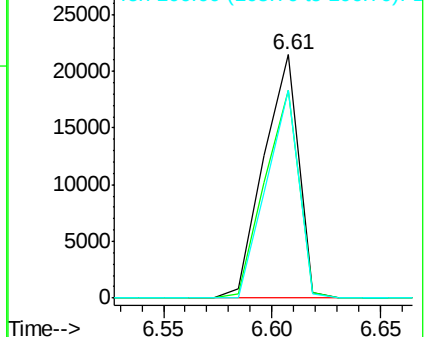
77 100

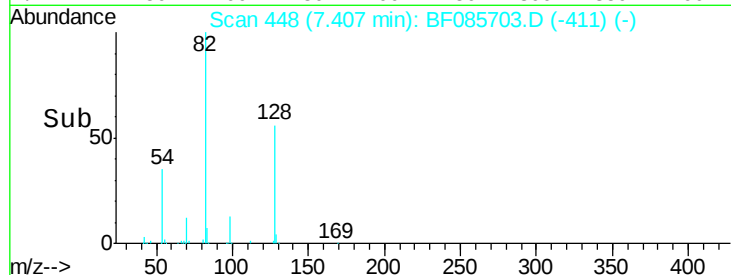
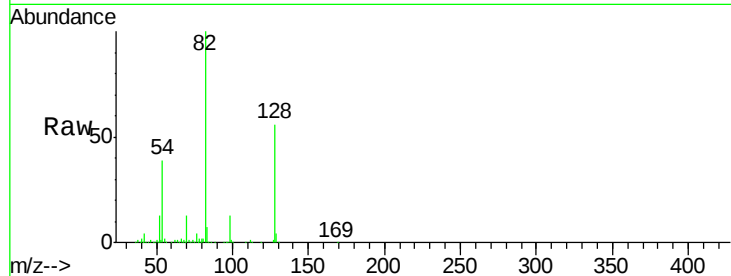
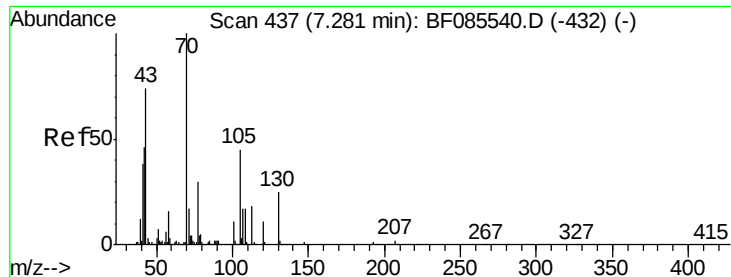
105 85.2 80.1 120.1

106 85.5 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

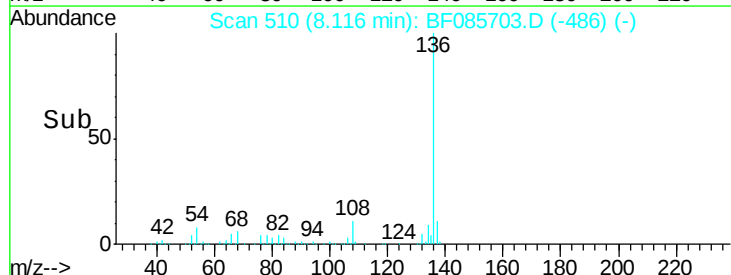
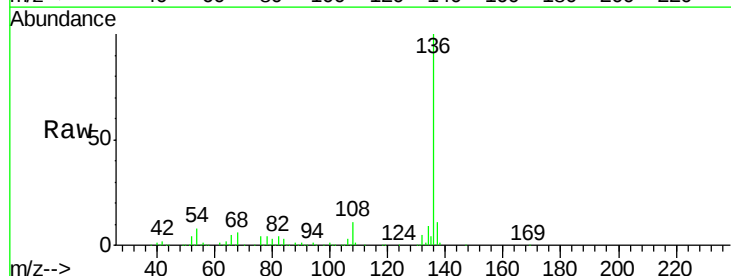
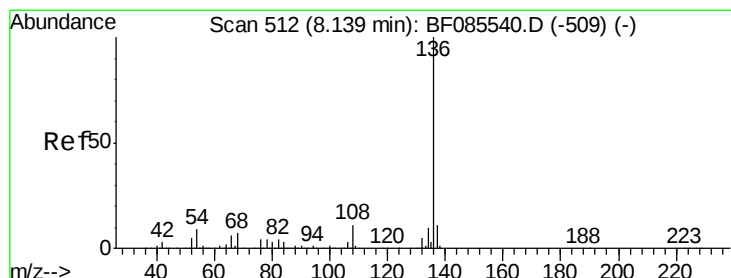
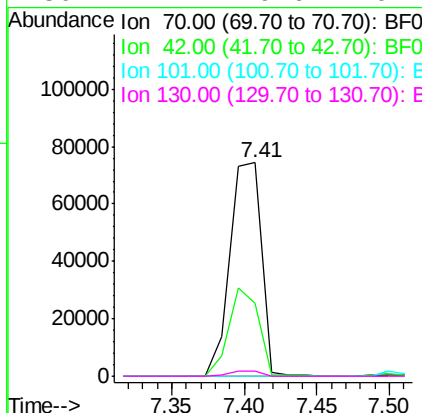




#19
n-Nitroso-di-n-propylamine
Concen: 19.11 ng
RT: 7.41 min Scan# 448
Delta R.T. 0.13 min
Lab File: BF085703.D
Acq: 23 Mar 2016 13:12

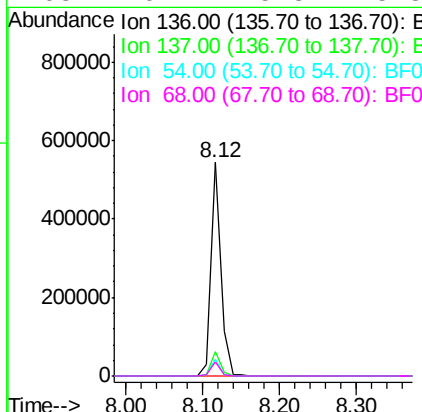
Instrument :
BNA_F
ClientSampleId :

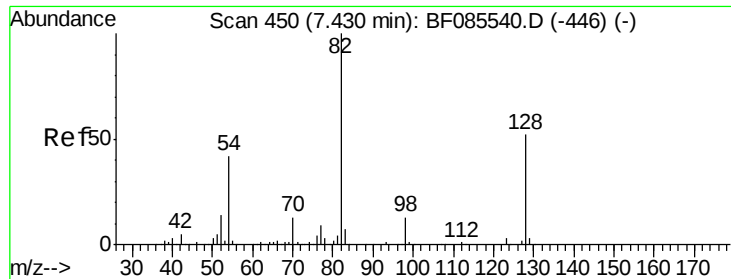
Tot Ion: 70 Resp: 112330
Ion Ratio Lower Upper
70 100
42 34.4 37.1 55.7#
101 0.0 8.6 12.8#
130 2.7 19.6 29.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 510
Delta R.T. -0.02 min
Lab File: BF085703.D
Acq: 23 Mar 2016 13:12

Tgt Ion: 136 Resp: 481839
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 7.8 7.4 11.0
68 6.4 5.8 8.8

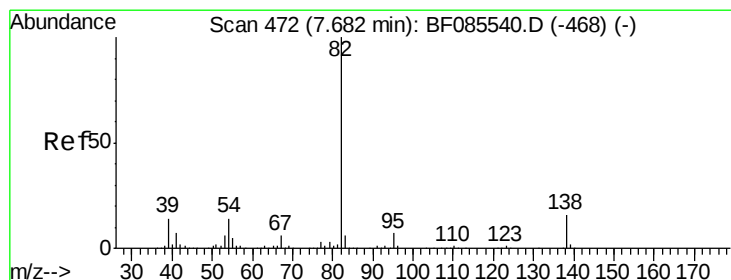
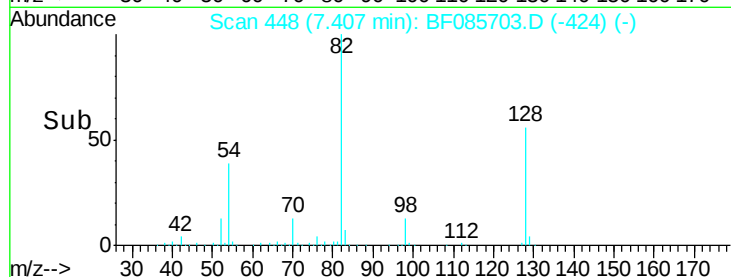
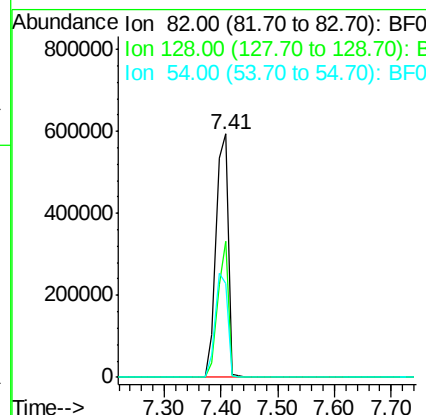
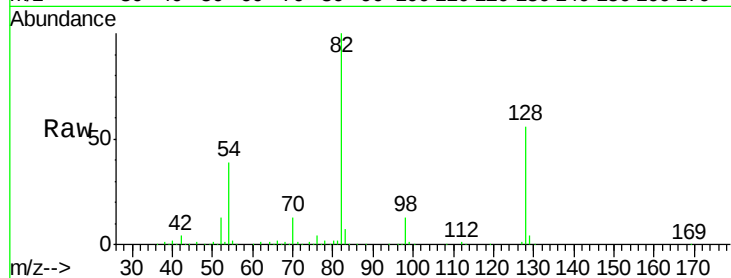




#23
 Nitrobenzene-d5
 Concen: 104.18 ng
 RT: 7.41 min Scan# 448
 Delta R.T. -0.02 min
 Lab File: BF085703.D
 Acq: 23 Mar 2016 13:12

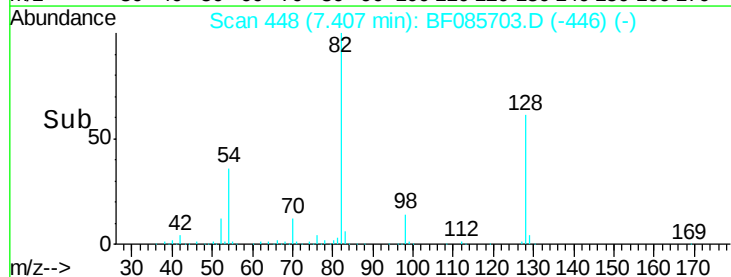
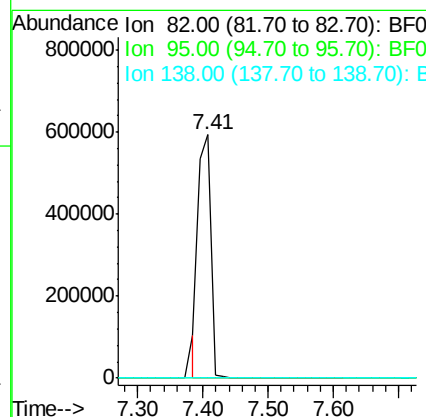
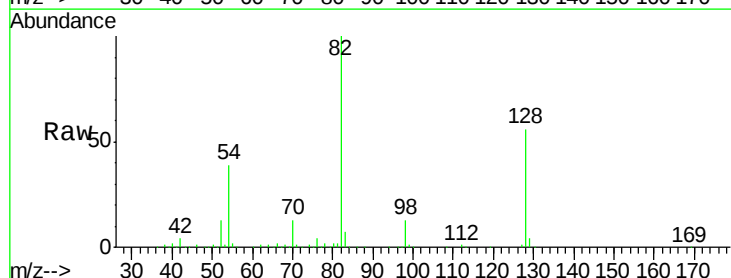
Instrument :
 BNA_F
 ClientSampleId :

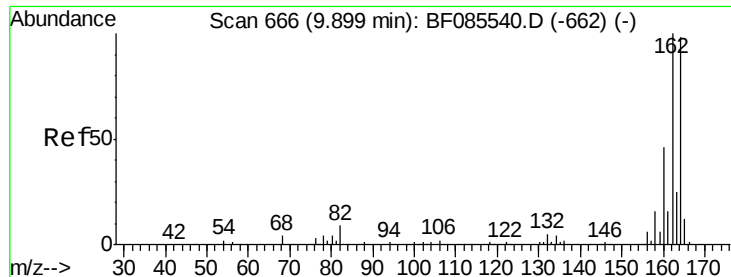
Tot Ion	82	Resp	864799
Ion Ratio	Lower	Upper	
82	100		
128	55.9	41.8	62.8
54	38.7	33.4	50.0



#25
 Isophorone
 Concen: 47.43 ng
 RT: 7.41 min Scan# 448
 Delta R.T. -0.27 min
 Lab File: BF085703.D
 Acq: 23 Mar 2016 13:12

Tgt Ion	82	Resp	788261
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: BF085703.D

Acq: 23 Mar 2016 13:12

Instrument :

BNA_F

ClientSampled :

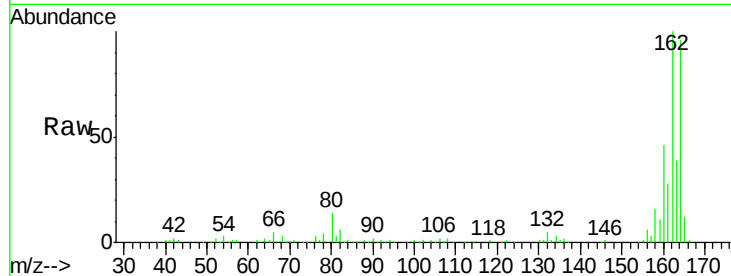
Tot Ion:164 Resp: 192892

Ion Ratio Lower Upper

164 100

162 104.2 82.1 123.1

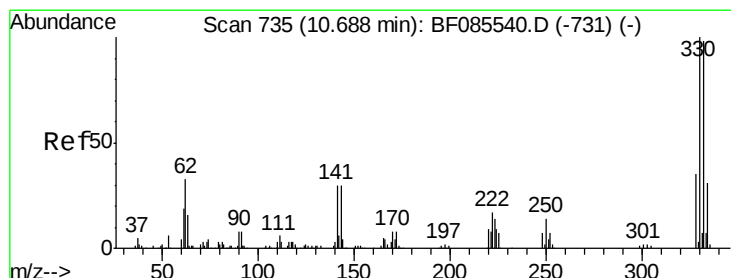
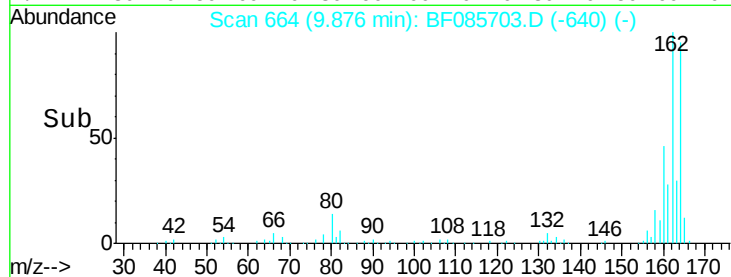
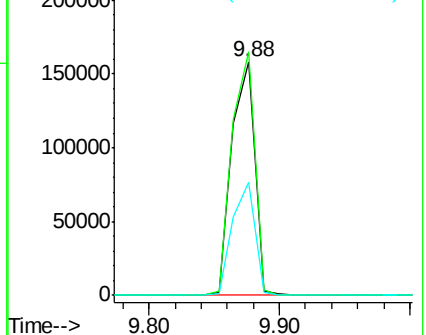
160 48.4 37.4 56.2



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: 138.21 ng

RT: 10.66 min Scan# 733

Delta R.T. -0.02 min

Lab File: BF085703.D

Acq: 23 Mar 2016 13:12

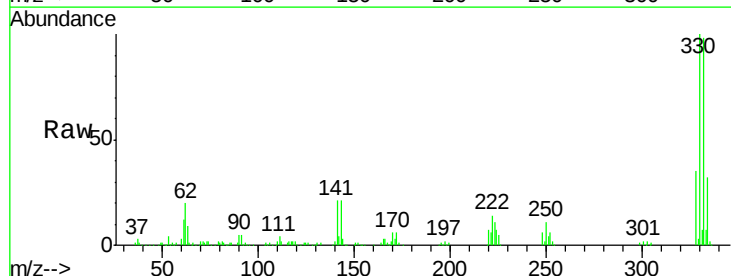
Tgt Ion:330 Resp: 261149

Ion Ratio Lower Upper

330 100

332 97.5 78.2 117.2

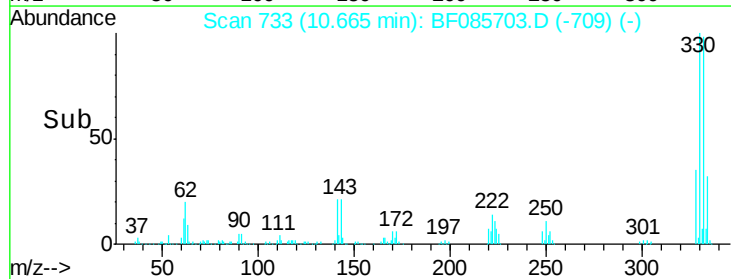
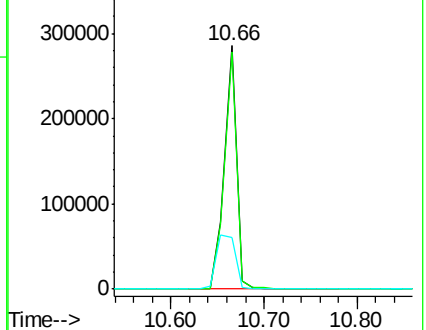
141 34.5 31.5 47.3

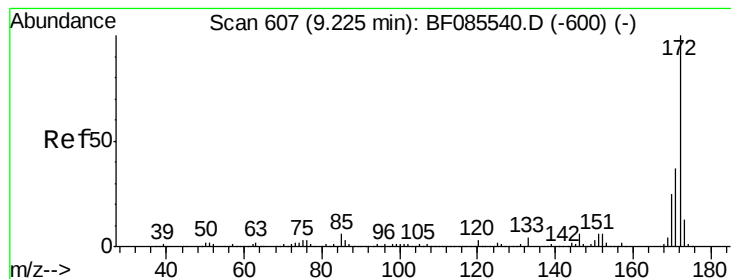


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



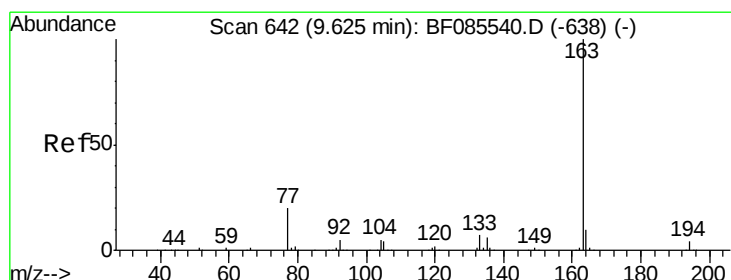
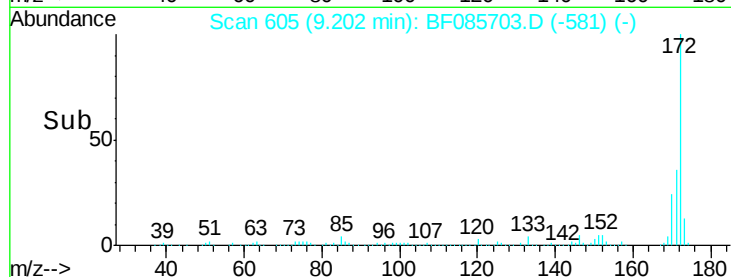
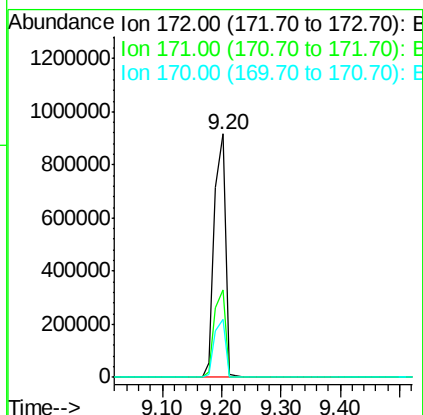
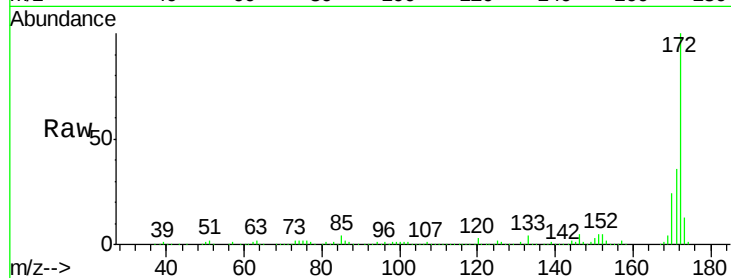


#44
 2-Fluorobiphenyl
 Concen: 113.28 ng
 RT: 9.20 min Scan# 605
 Delta R.T. -0.02 min
 Lab File: BF085703.D
 Acq: 23 Mar 2016 13:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1175499

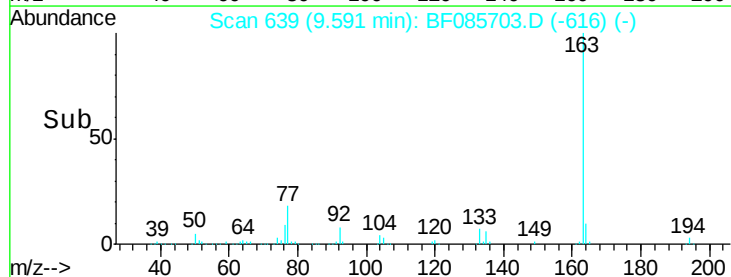
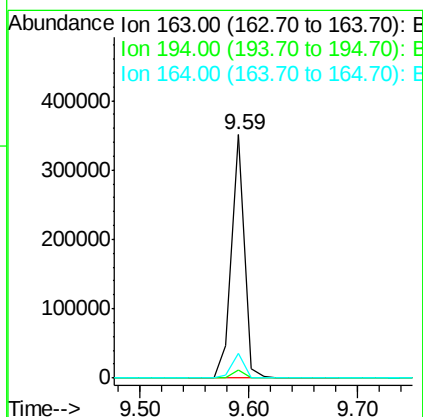
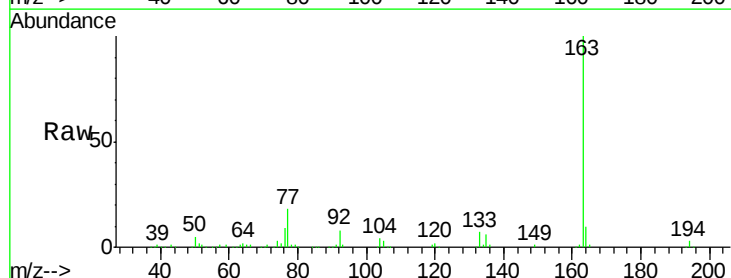
Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.4	44.2
170	24.0	19.8	29.6

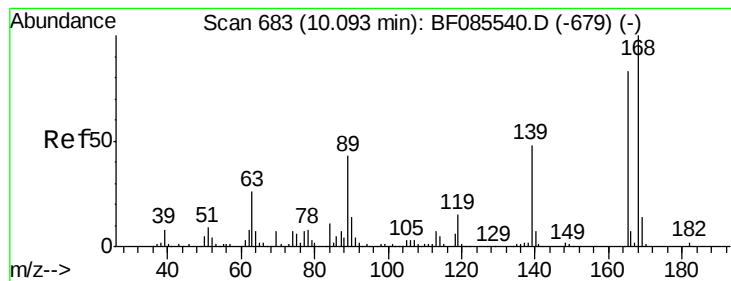


#49
 Dimethylphthalate
 Concen: 19.70 ng
 RT: 9.59 min Scan# 639
 Delta R.T. -0.03 min
 Lab File: BF085703.D
 Acq: 23 Mar 2016 13:12

Tgt Ion:163 Resp: 286711

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.9	4.3
164	10.1	8.3	12.5

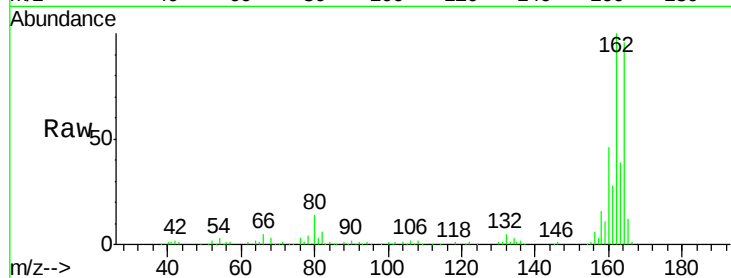




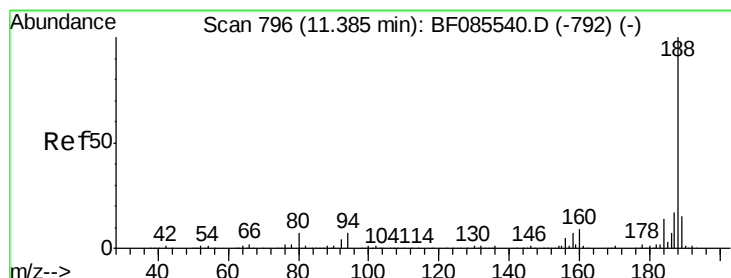
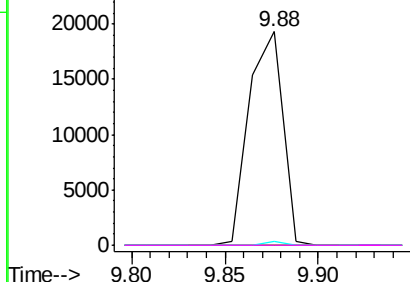
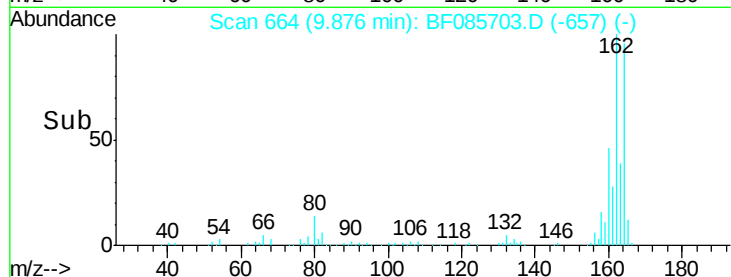
#56
 2,4-Dinitrotoluene
 Concen: 6.04 ng
 RT: 9.88 min Scan# 664
 Delta R.T. -0.22 min
 Lab File: BF085703.D
 Acq: 23 Mar 2016 13:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 24283
 Ion Ratio Lower Upper
 165 100
 63 0.0 24.9 37.3#
 89 2.1 41.0 61.6#
 182 0.0 2.1 3.1#

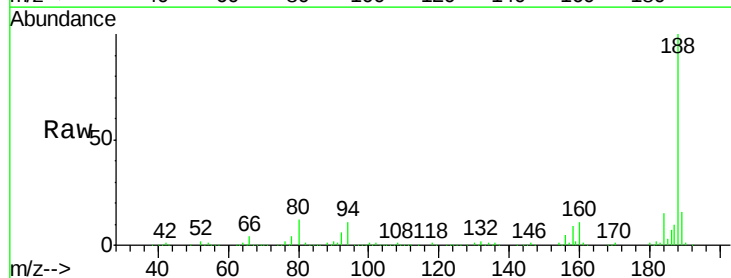


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

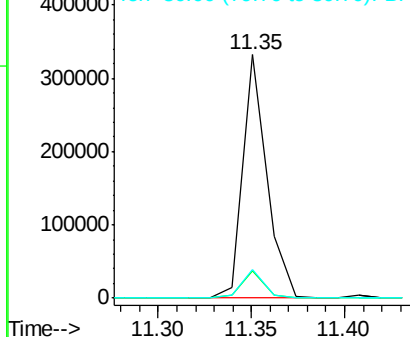
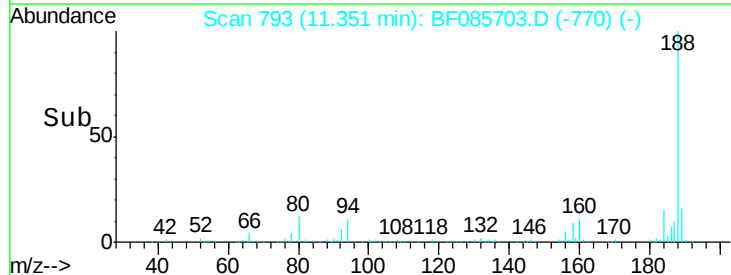


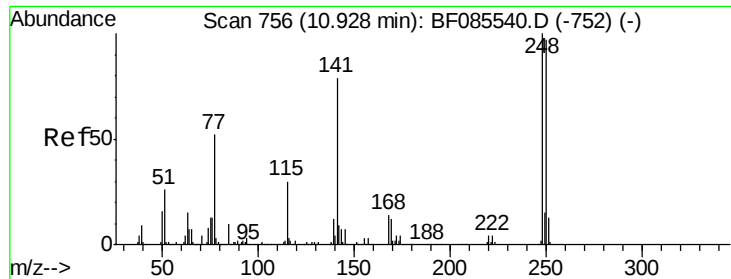
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.35 min Scan# 793
 Delta R.T. -0.03 min
 Lab File: BF085703.D
 Acq: 23 Mar 2016 13:12

Tgt Ion:188 Resp: 299698
 Ion Ratio Lower Upper
 188 100
 94 11.4 5.4 8.0#
 80 11.8 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

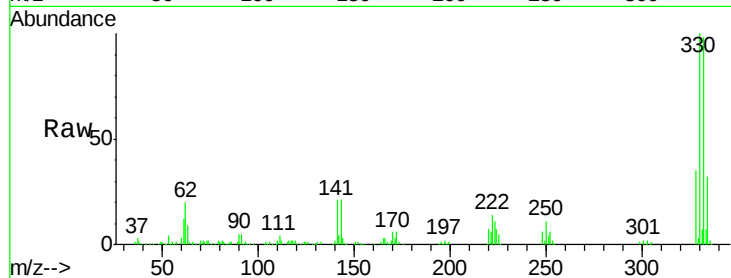




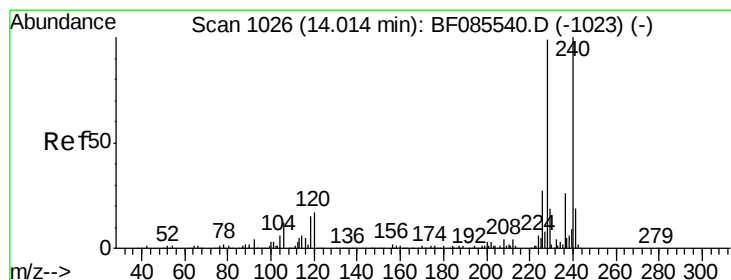
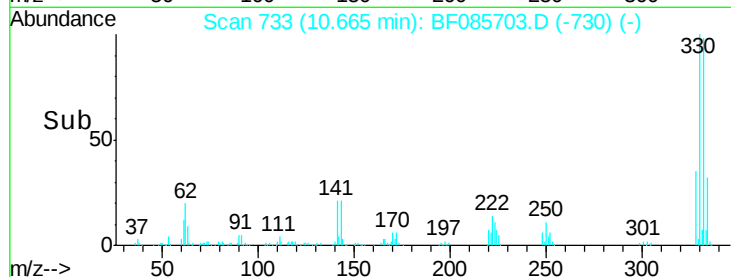
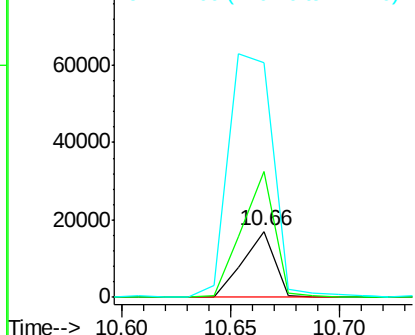
#66
4-Bromophenyl-phenylether
Concen: 5.83 ng
RT: 10.66 min Scan# 733
Delta R.T. -0.26 min
Lab File: BF085703.D
Acq: 23 Mar 2016 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 17452
Ion Ratio Lower Upper
248 100
250 190.3 77.4 116.0#
141 355.4 63.6 95.4#

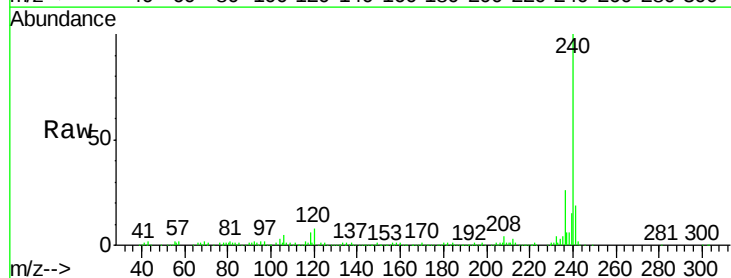


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

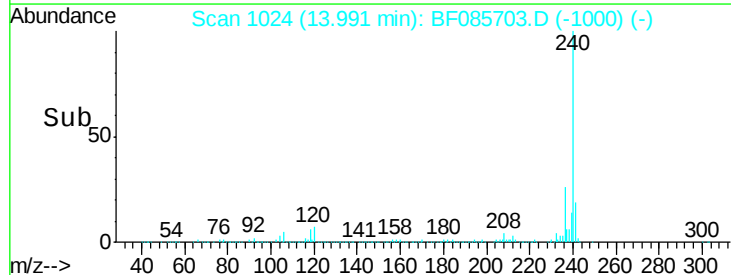
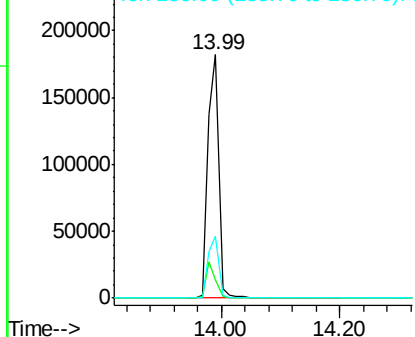


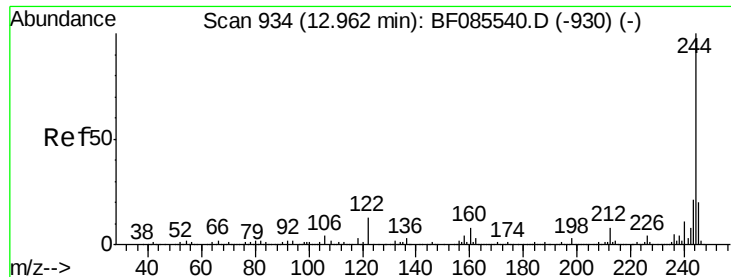
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF085703.D
Acq: 23 Mar 2016 13:12

Tgt Ion:240 Resp: 231134
Ion Ratio Lower Upper
240 100
120 7.5 13.8 20.8#
236 25.6 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

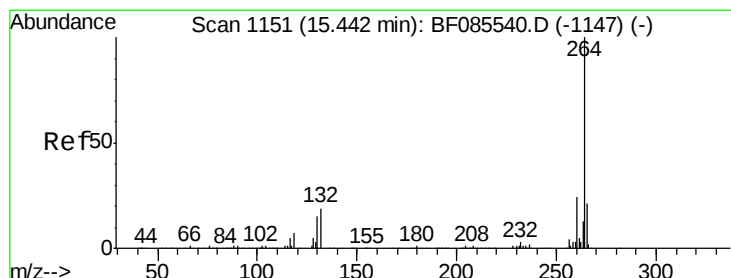
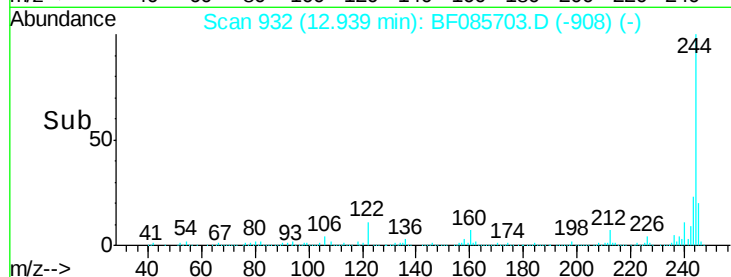
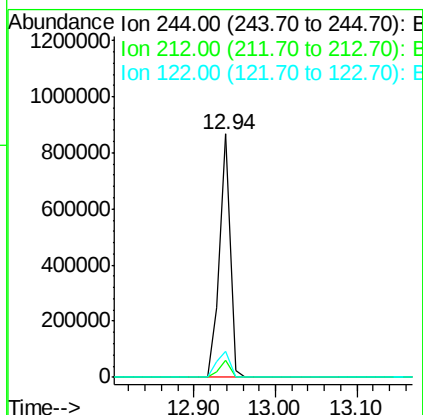
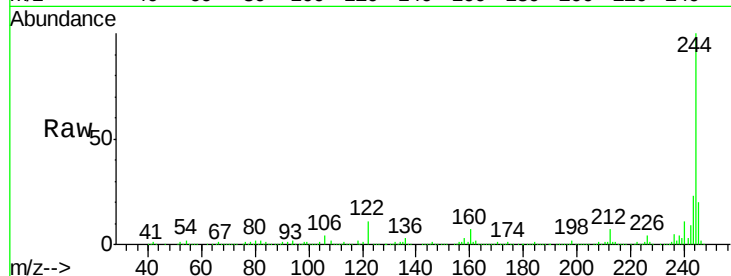




#78
 Terphenyl-d14
 Concen: 82.11 ng
 RT: 12.94 min Scan# 932
 Delta R.T. -0.02 min
 Lab File: BF085703.D
 Acq: 23 Mar 2016 13:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 788685
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.1 9.1
 122 10.8 10.2 15.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1148
 Delta R.T. -0.03 min
 Lab File: BF085703.D
 Acq: 23 Mar 2016 13:12

Tgt Ion:264 Resp: 180078
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.4 29.2
 265 21.6 17.2 25.8

