

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032216\
 Data File : BF085693.D
 Acq On : 23 Mar 2016 8:19
 Operator : UM/SJ
 Sample : H1857-06
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 23 13:35:51 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

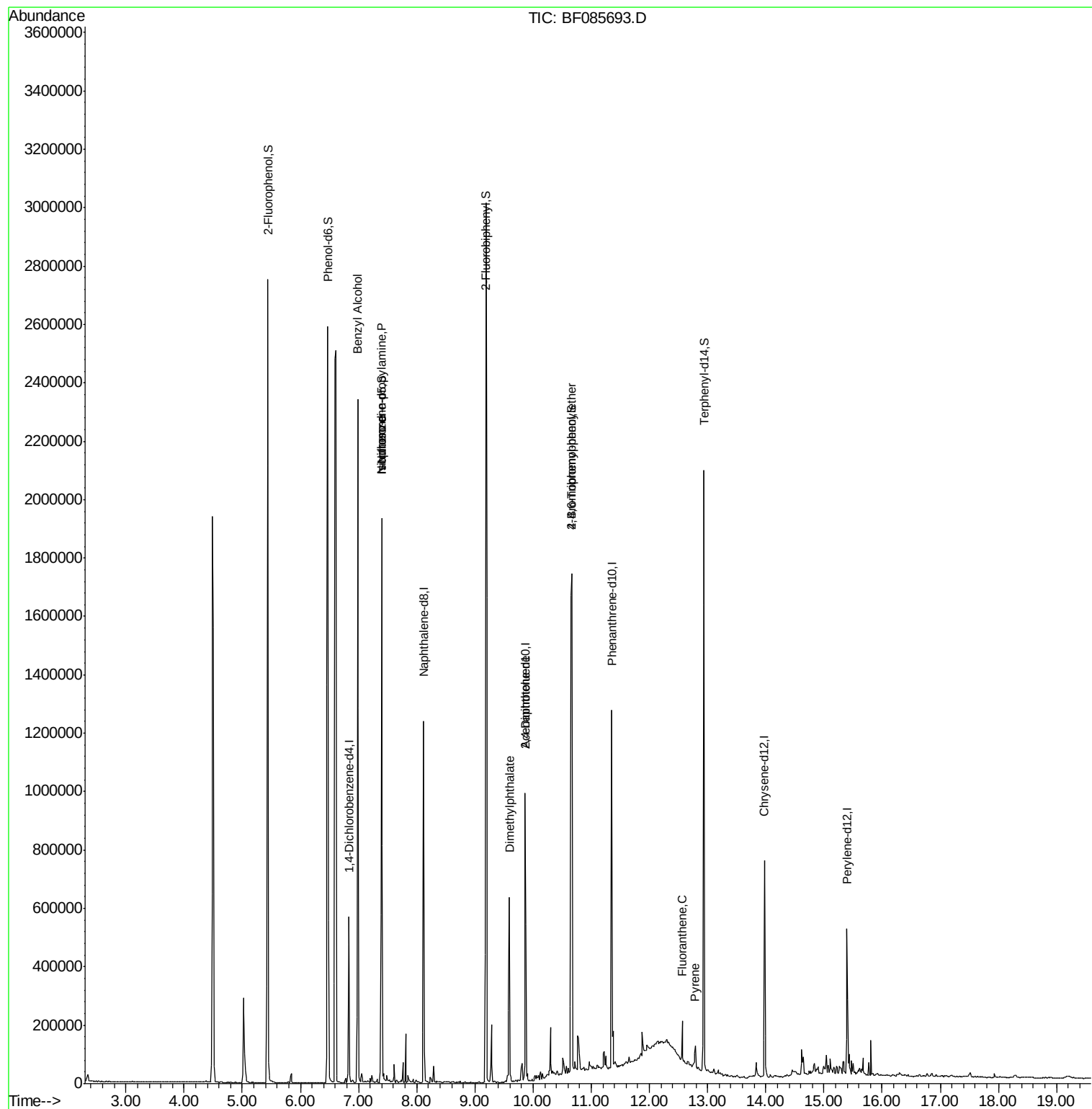
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	123880	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	527493	20.00	ng	-0.02
38) Acenaphthene-d10	9.86	164	226716	20.00	ng	-0.03
63) Phenanthrene-d10	11.35	188	404699	20.00	ng	-0.03
75) Chrysene-d12	13.98	240	232001	20.00	ng	-0.03
86) Perylene-d12	15.40	264	222121	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1122520	152.20	ng	-0.01
7) Phenol-d6	6.47	99	1242532	131.36	ng	-0.02
23) Nitrobenzene-d5	7.40	82	824863	90.77	ng	-0.03
41) 2,4,6-Tribromophenol	10.66	330	371090	167.10	ng	-0.02
44) 2-Fluorobiphenyl	9.19	172	1234416	95.98	ng	-0.03
78) Terphenyl-d14	12.94	244	873430	90.59	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.47	77	1662	Below Cal	#	1
15) Benzyl Alcohol	6.98	79	13063	2.02 ng	#	48
19) n-Nitroso-di-n-propylamine	7.40	70	107093	18.95 ng	#	79
25) Isophorone	7.40	82	676795	37.20 ng	#	68
49) Dimethylphthalate	9.59	163	280876	16.42 ng		99
56) 2,4-Dinitrotoluene	9.86	165	29089	6.15 ng	#	37
66) 4-Bromophenyl-phenylether	10.66	248	22759	5.63 ng	#	1
74) Fluoranthene	12.56	202	46824	2.10 ng		93
77) Pyrene	12.79	202	37955	2.28 ng		99

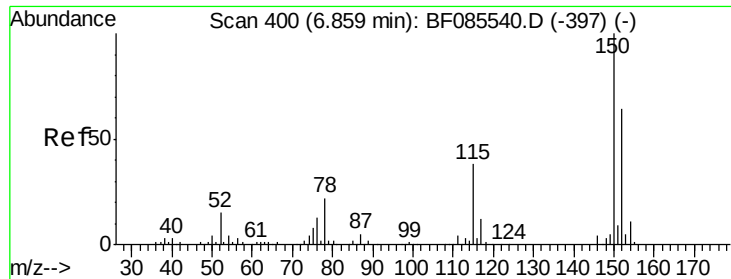
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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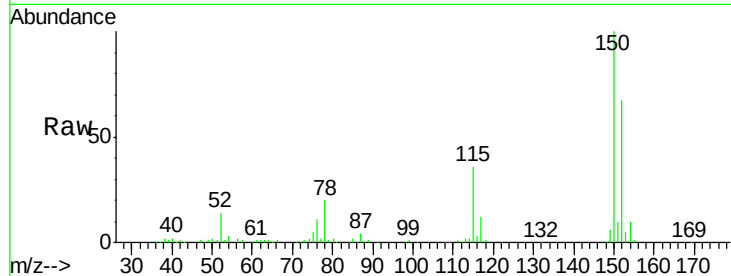


#1

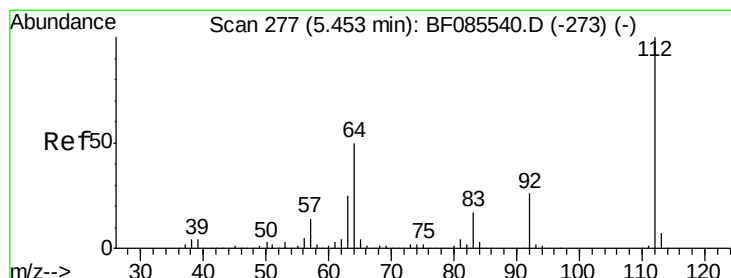
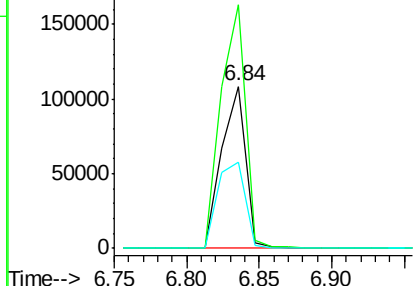
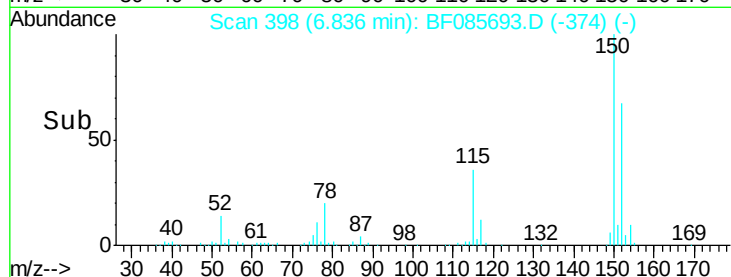
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 398
Delta R.T. -0.02 min
Lab File: BF085693.D
Acq: 23 Mar 2016 8:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 123880
Ion Ratio Lower Upper
152 100
150 150.2 124.2 186.2
115 53.5 47.0 70.6



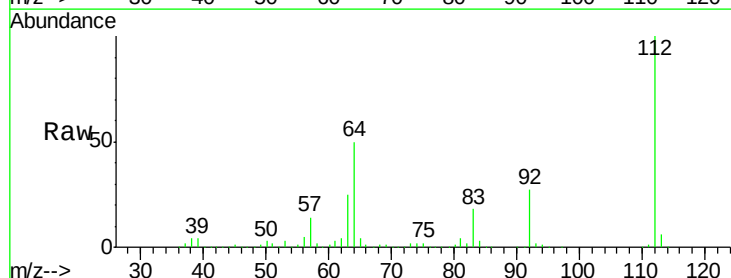
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



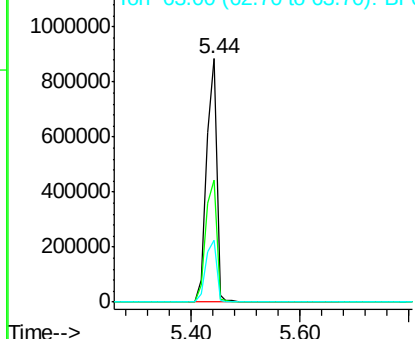
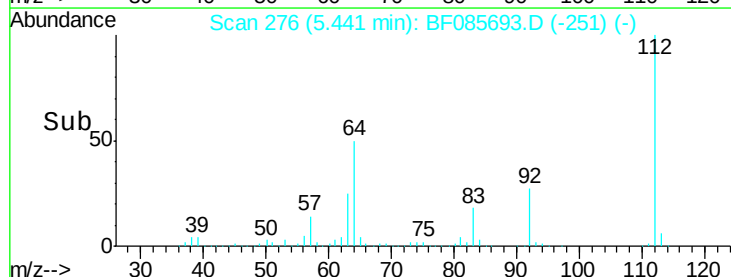
#5

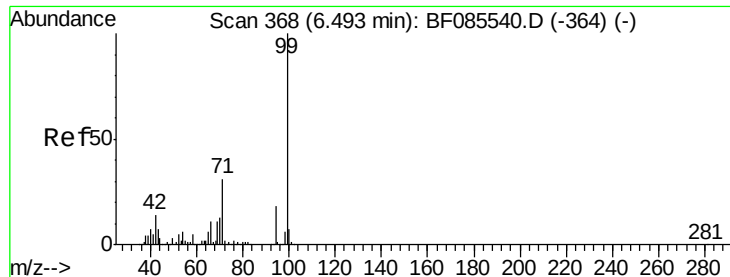
2-Fluorophenol
Concen: 152.20 ng
RT: 5.44 min Scan# 276
Delta R.T. -0.01 min
Lab File: BF085693.D
Acq: 23 Mar 2016 8:19

Tgt Ion:112 Resp: 1122520
Ion Ratio Lower Upper
112 100
64 50.1 39.9 59.9
63 25.4 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: 131.36 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.02 min

Lab File: BF085693.D

Acq: 23 Mar 2016 8:19

Instrument :

BNA_F

ClientSampled :

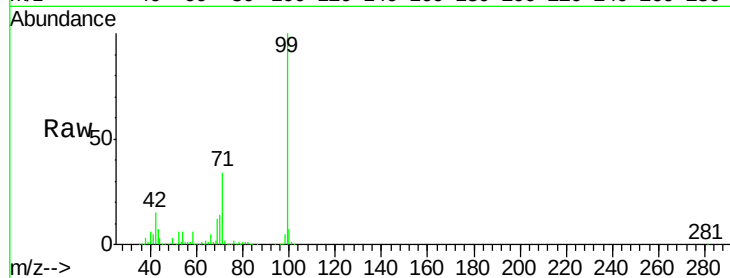
Tot Ion: 99 Resp: 1242532

Ion Ratio Lower Upper

99 100

42 15.2 11.1 16.7

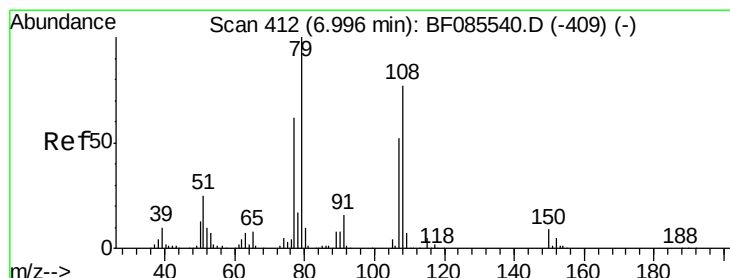
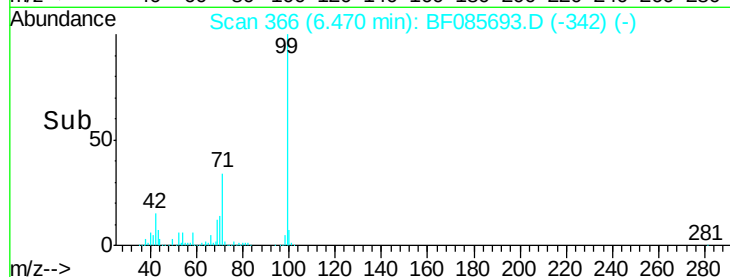
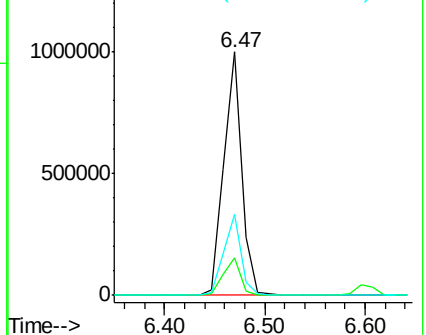
71 33.5 24.9 37.3



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



#15

Benzyl Alcohol

Concen: 2.02 ng

RT: 6.98 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF085693.D

Acq: 23 Mar 2016 8:19

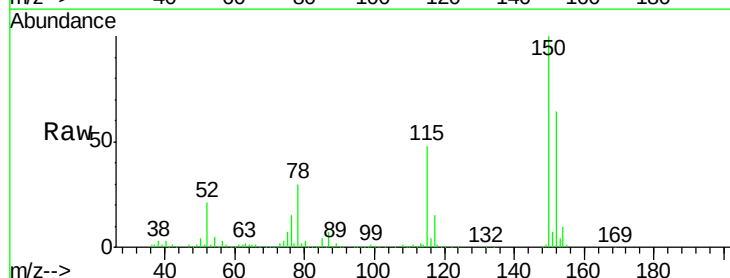
Tgt Ion: 79 Resp: 13063

Ion Ratio Lower Upper

79 100

108 28.3 61.8 92.6#

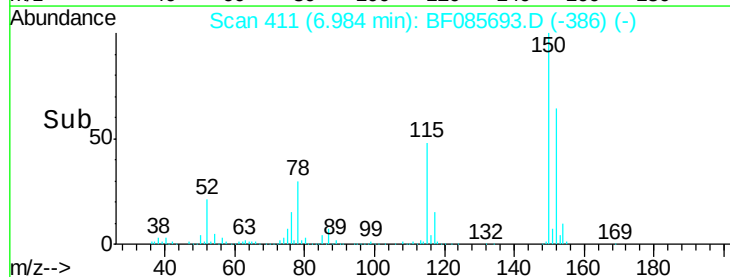
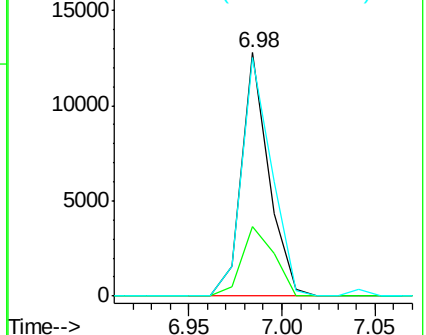
77 98.0 49.6 74.4#

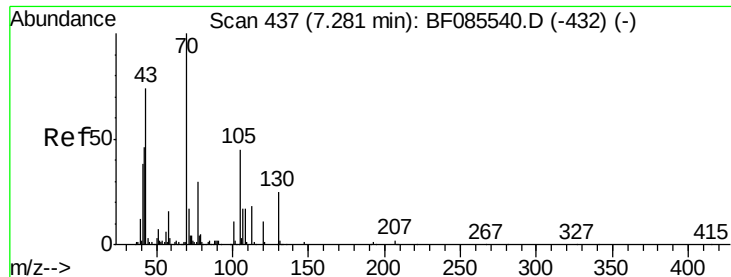


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

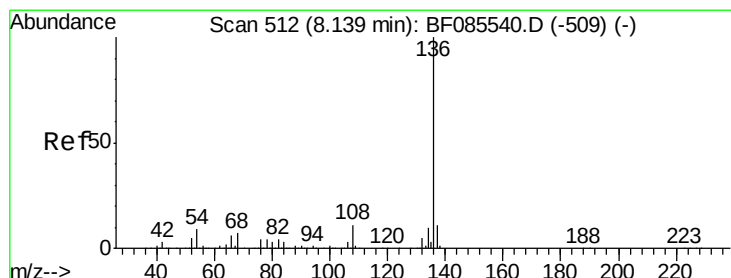
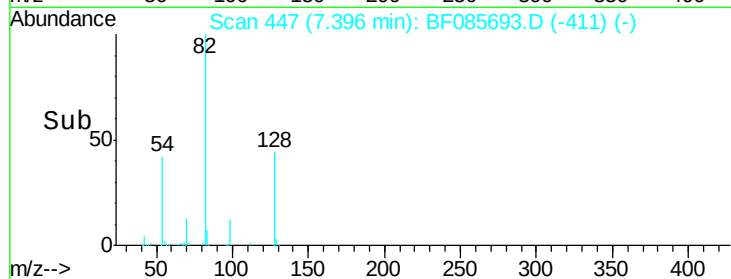
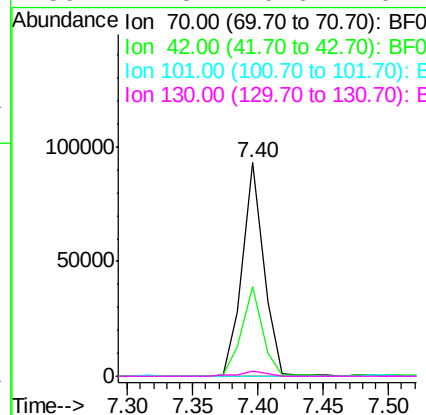
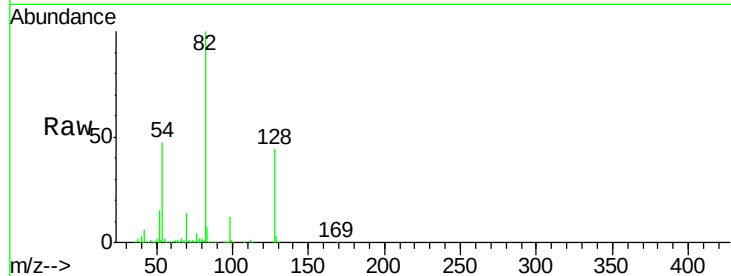




#19
n-Nitroso-di-n-propylamine
Concen: 18.95 ng
RT: 7.40 min Scan# 447
Delta R.T. 0.11 min
Lab File: BF085693.D
Acq: 23 Mar 2016 8:19

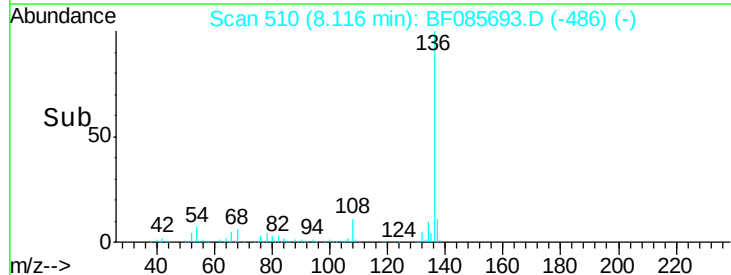
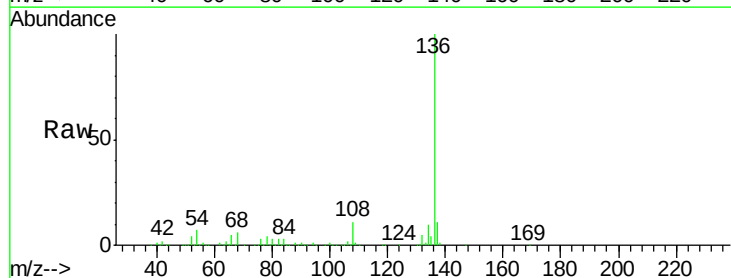
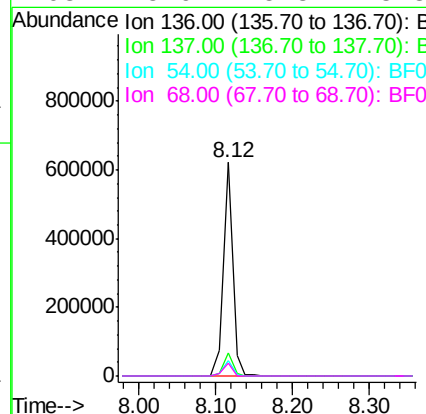
Instrument :
BNA_F
ClientSampled :

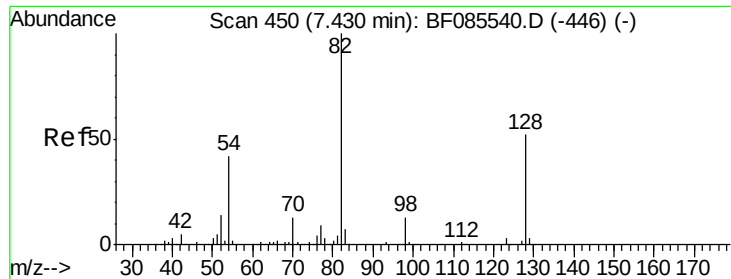
Tot Ion: 70 Resp: 107093
Ion Ratio Lower Upper
70 100
42 41.7 37.1 55.7
101 0.0 8.6 12.8#
130 2.3 19.6 29.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 510
Delta R.T. -0.02 min
Lab File: BF085693.D
Acq: 23 Mar 2016 8:19

Tgt Ion: 136 Resp: 527493
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 7.0 7.4 11.0#
68 5.9 5.8 8.8

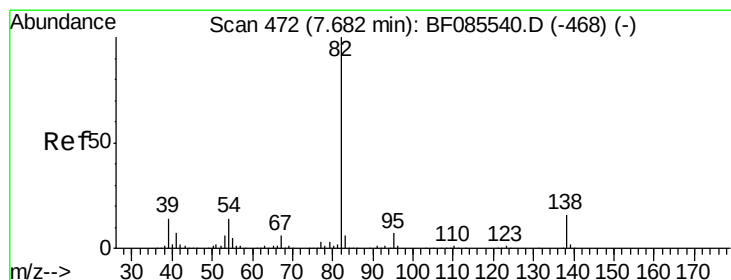
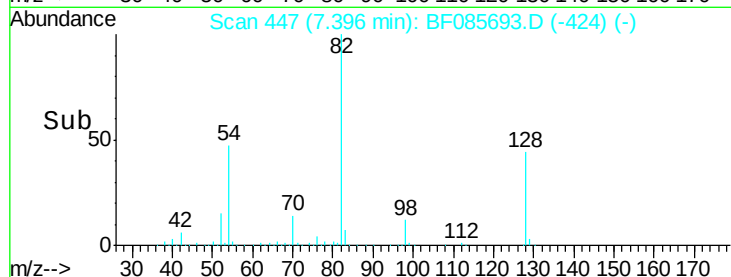
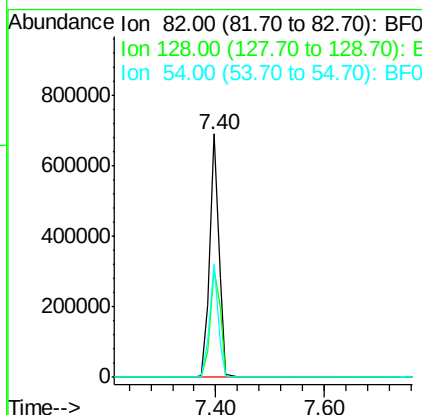
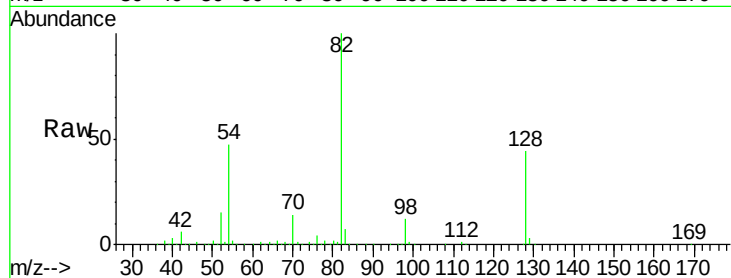




#23
 Nitrobenzene-d5
 Concen: 90.77 ng
 RT: 7.40 min Scan# 447
 Delta R.T. -0.03 min
 Lab File: BF085693.D
 Acq: 23 Mar 2016 8:19

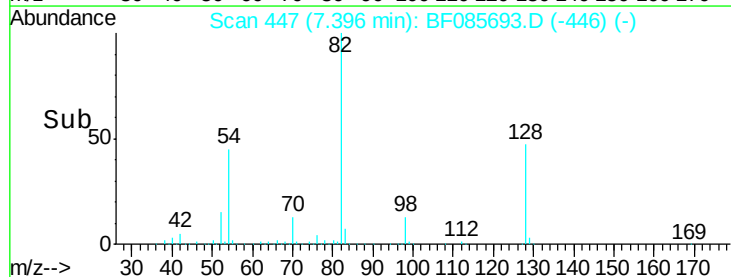
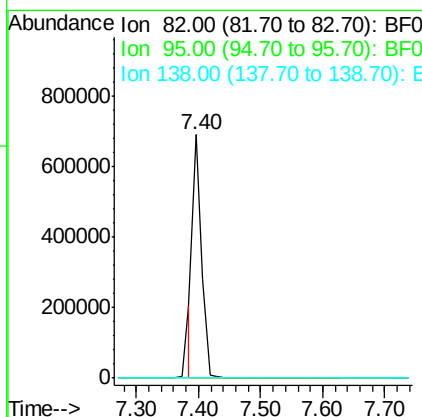
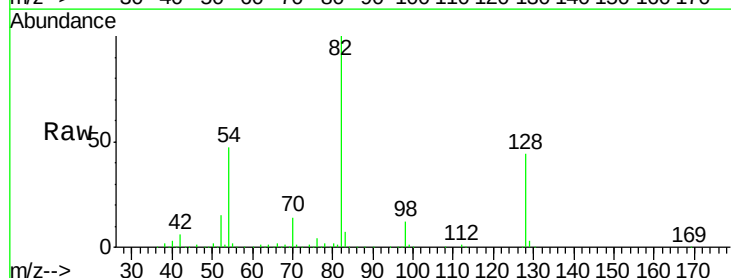
Instrument :
 BNA_F
 ClientSampled :

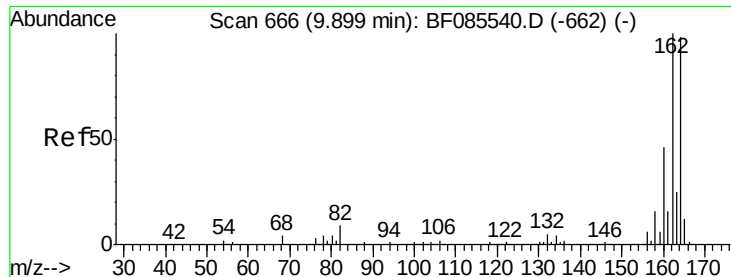
Tot Ion: 82 Resp: 824863
 Ion Ratio Lower Upper
 82 100
 128 44.2 41.8 62.8
 54 46.6 33.4 50.0



#25
 Isophorone
 Concen: 37.20 ng
 RT: 7.40 min Scan# 447
 Delta R.T. -0.29 min
 Lab File: BF085693.D
 Acq: 23 Mar 2016 8:19

Tgt Ion: 82 Resp: 676795
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.2#
 138 0.0 12.9 19.3#

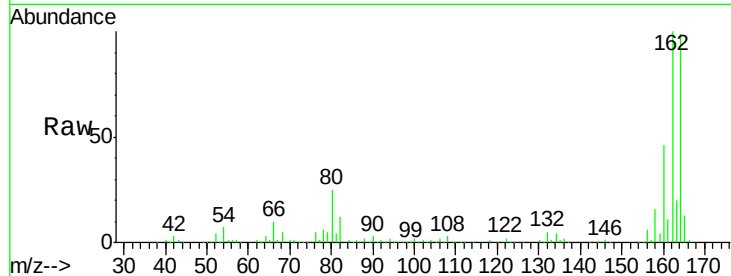




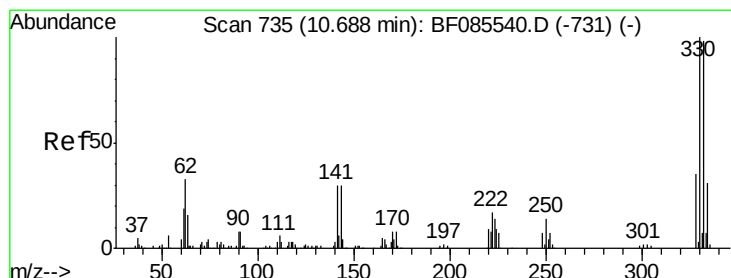
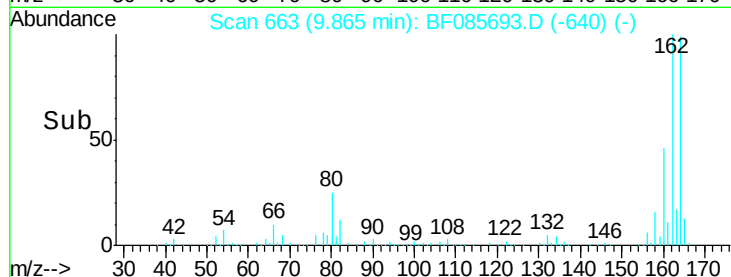
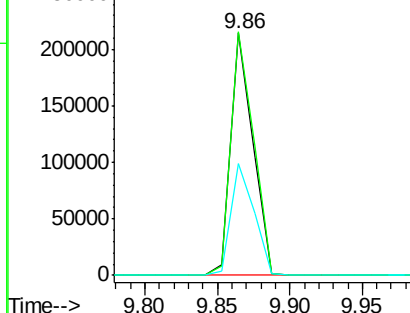
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 663
 Delta R.T. -0.03 min
 Lab File: BF085693.D
 Acq: 23 Mar 2016 8:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:164 Resp: 226716
 Ion Ratio Lower Upper
 164 100
 162 100.7 82.1 123.1
 160 46.1 37.4 56.2

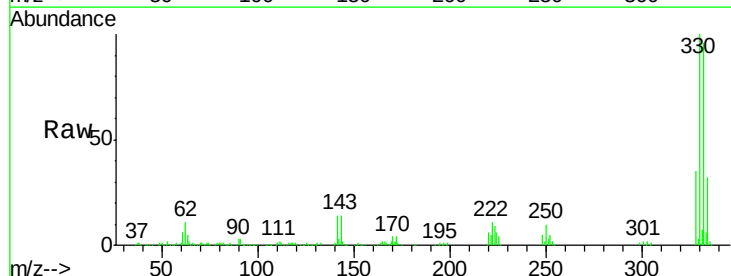


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

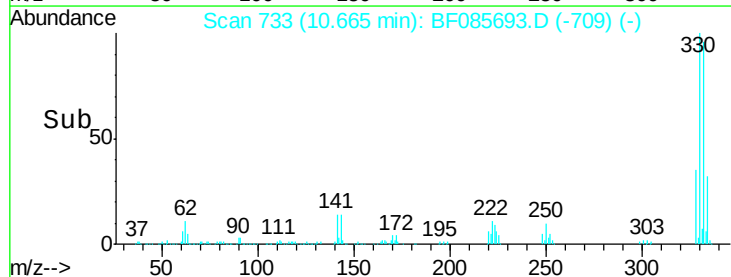
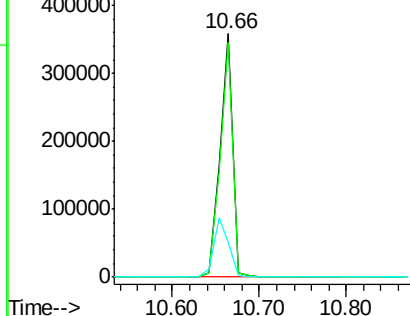


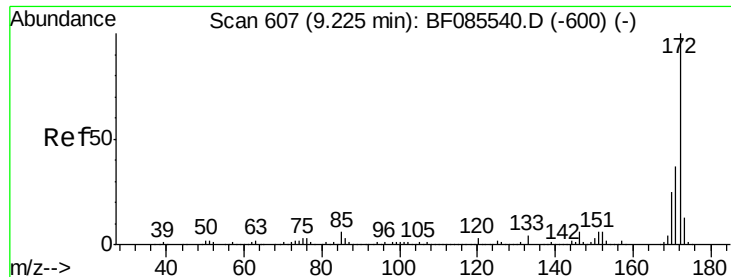
#41
 2,4,6-Tribromophenol
 Concen: 167.10 ng
 RT: 10.66 min Scan# 733
 Delta R.T. -0.02 min
 Lab File: BF085693.D
 Acq: 23 Mar 2016 8:19

Tgt Ion:330 Resp: 371090
 Ion Ratio Lower Upper
 330 100
 332 95.9 78.2 117.2
 141 29.2 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



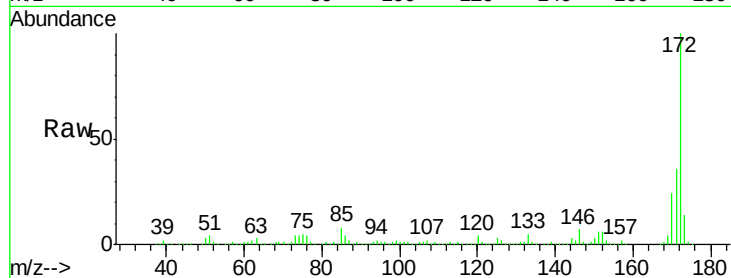


#44
 2-Fluorobiphenyl
 Concen: 95.98 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.03 min
 Lab File: BF085693.D
 Acq: 23 Mar 2016 8:19

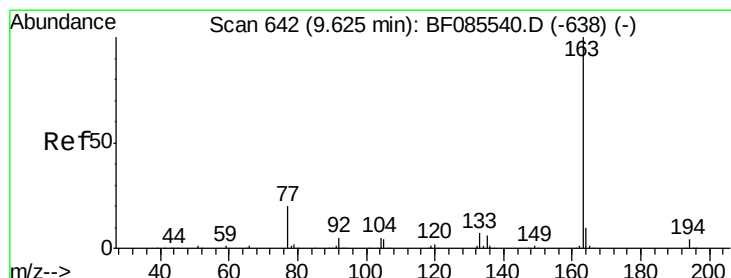
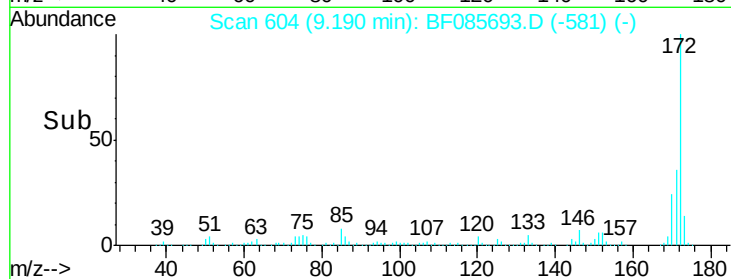
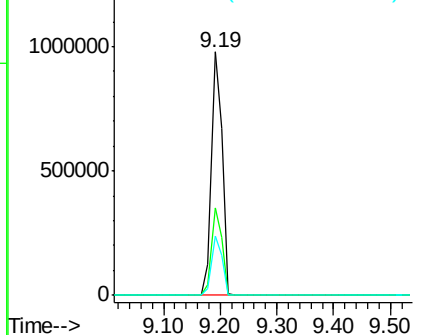
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1234416

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.2
170	24.1	19.8	29.6



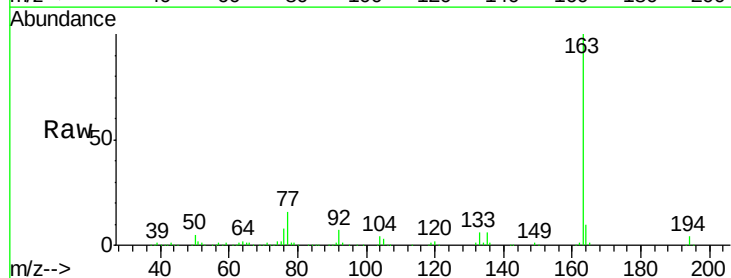
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



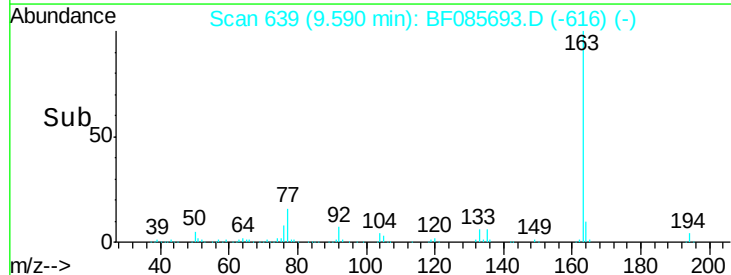
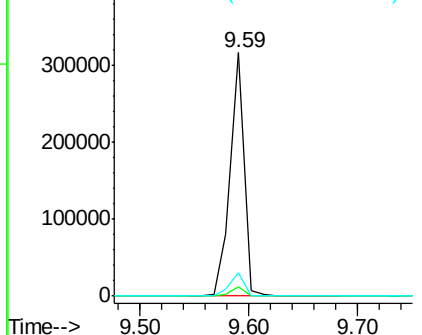
#49
 Dimethylphthalate
 Concen: 16.42 ng
 RT: 9.59 min Scan# 639
 Delta R.T. -0.03 min
 Lab File: BF085693.D
 Acq: 23 Mar 2016 8:19

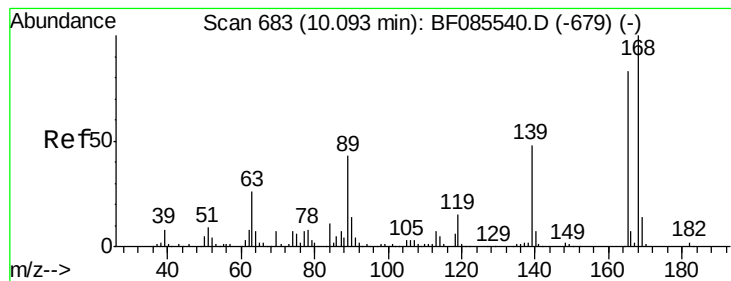
Tgt Ion:163 Resp: 280876

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.9	4.3
164	9.8	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: 6.15 ng

RT: 9.86 min Scan# 663

Delta R.T. -0.23 min

Lab File: BF085693.D

Acq: 23 Mar 2016 8:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 29089

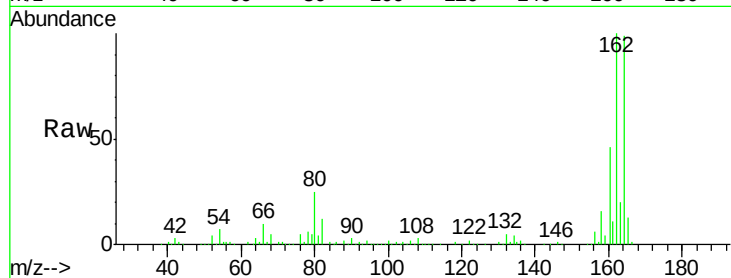
Ion Ratio Lower Upper

165 100

63 1.5 24.9 37.3#

89 1.6 41.0 61.6#

182 0.0 2.1 3.1#

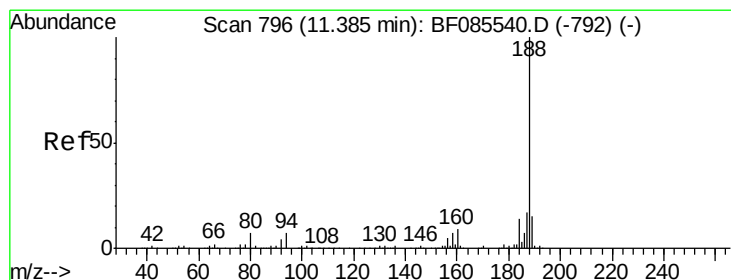
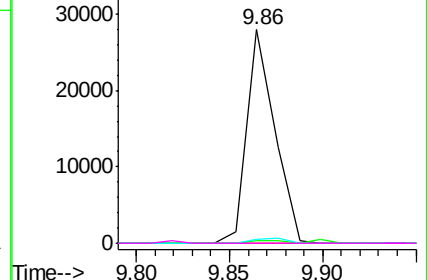
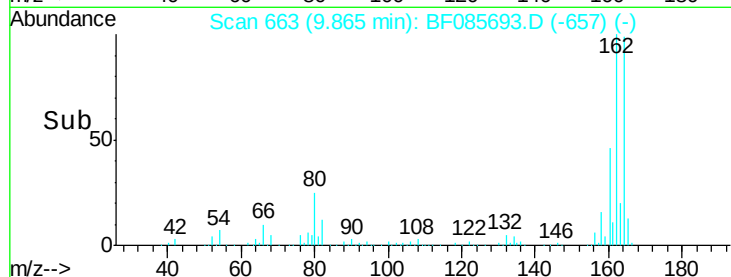


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.35 min Scan# 793

Delta R.T. -0.03 min

Lab File: BF085693.D

Acq: 23 Mar 2016 8:19

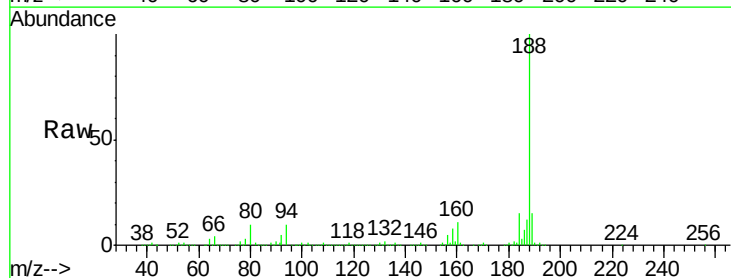
Tgt Ion:188 Resp: 404699

Ion Ratio Lower Upper

188 100

94 10.0 5.4 8.0#

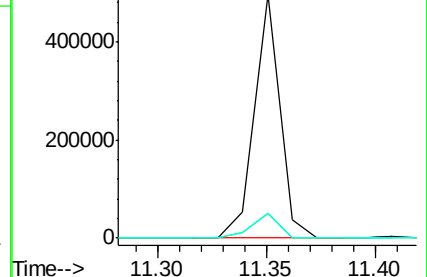
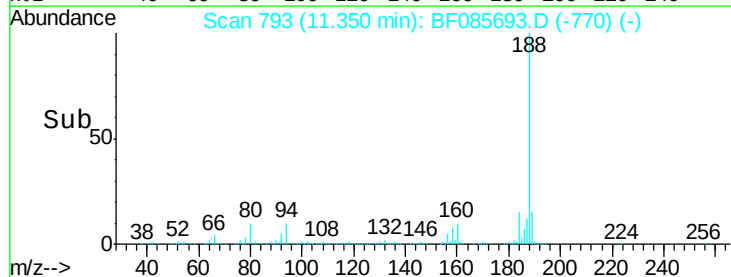
80 10.4 5.5 8.3#

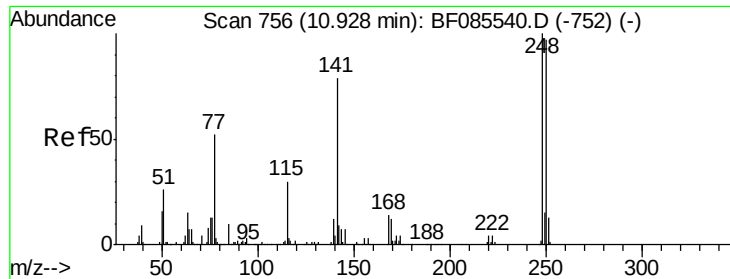


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

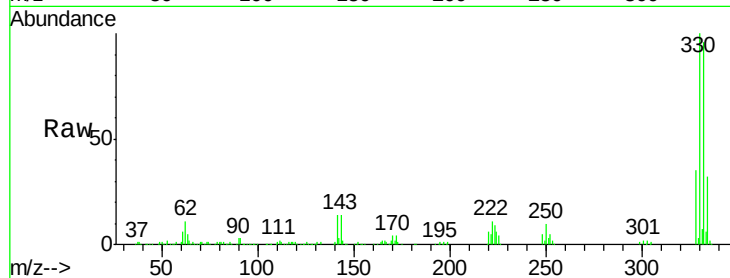




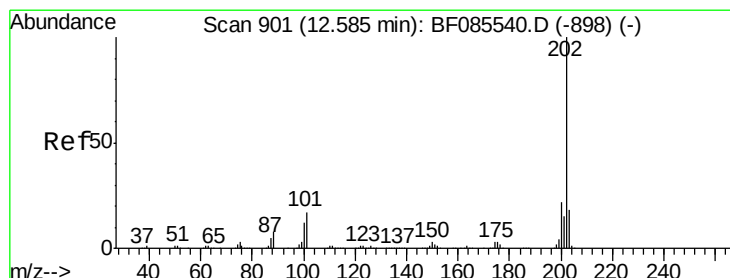
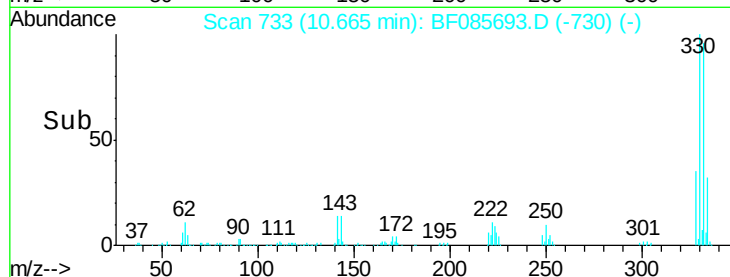
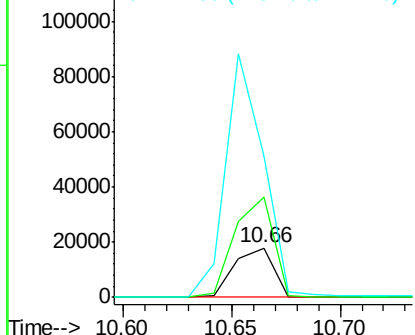
#66
 4-Bromophenyl-phenylether
 Concen: 5.63 ng
 RT: 10.66 min Scan# 733
 Delta R.T. -0.26 min
 Lab File: BF085693.D
 Acq: 23 Mar 2016 8:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 22759
 Ion Ratio Lower Upper
 248 100
 250 204.2 77.4 116.0#
 141 289.1 63.6 95.4#

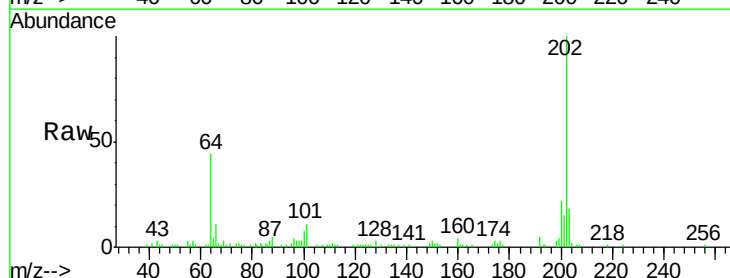


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

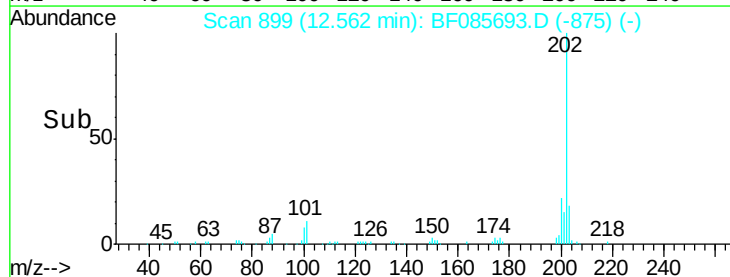
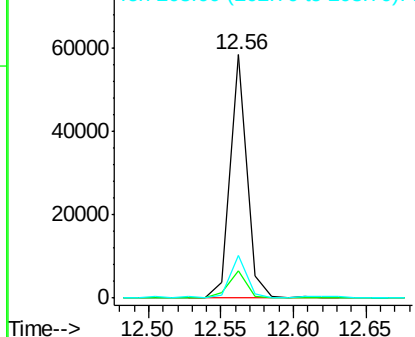


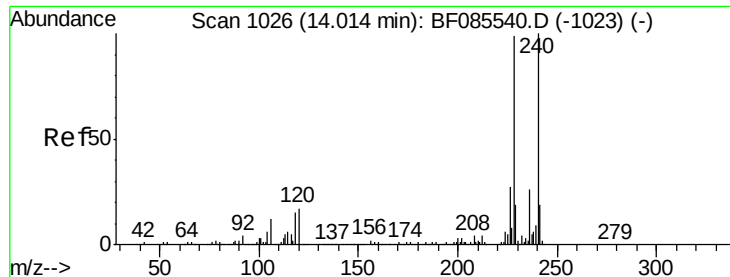
#74
 Fluoranthene
 Concen: 2.10 ng
 RT: 12.56 min Scan# 899
 Delta R.T. -0.02 min
 Lab File: BF085693.D
 Acq: 23 Mar 2016 8:19

Tgt Ion:202 Resp: 46824
 Ion Ratio Lower Upper
 202 100
 101 11.2 0.0 36.6
 203 17.5 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.98 min Scan# 1023

Delta R.T. -0.03 min

Lab File: BF085693.D

Acq: 23 Mar 2016 8:19

Instrument :

BNA_F

ClientSampleId :

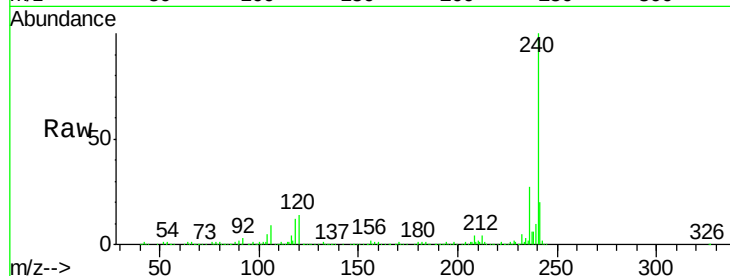
Tot Ion:240 Resp: 232001

Ion Ratio Lower Upper

240 100

120 14.1 13.8 20.8

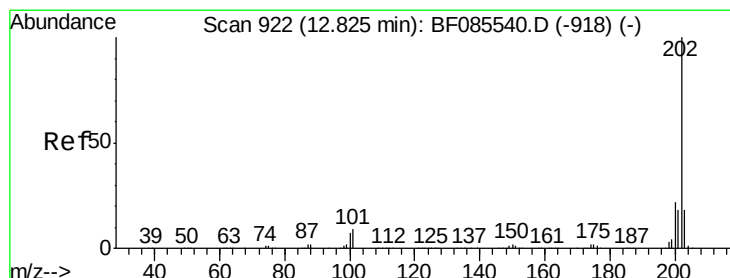
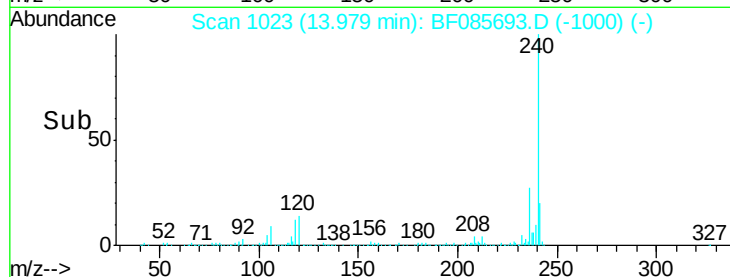
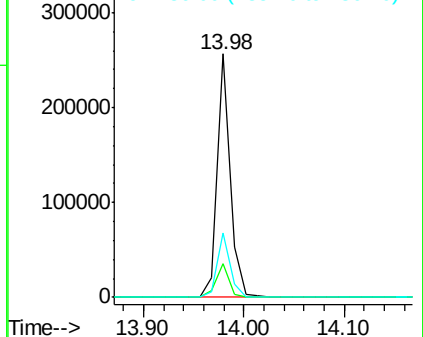
236 26.7 20.6 30.8



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



#77

Pyrene

Concen: 2.28 ng

RT: 12.79 min Scan# 919

Delta R.T. -0.03 min

Lab File: BF085693.D

Acq: 23 Mar 2016 8:19

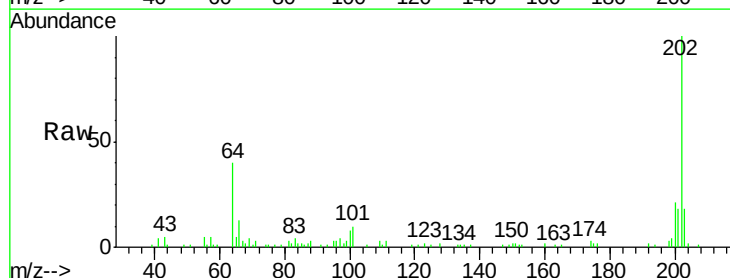
Tgt Ion:202 Resp: 37955

Ion Ratio Lower Upper

202 100

200 21.5 17.6 26.4

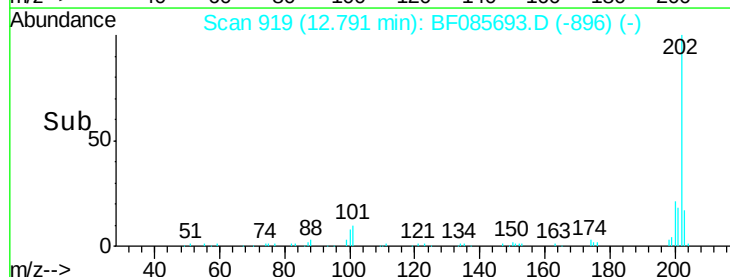
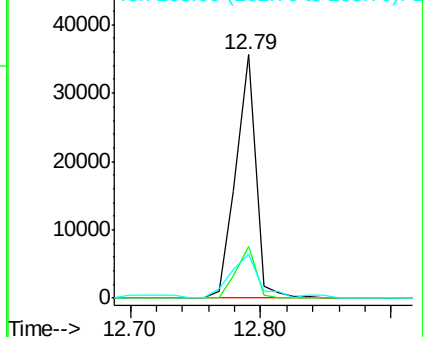
203 18.0 14.0 21.0

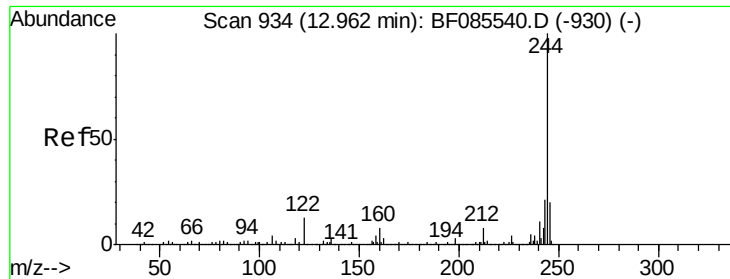


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 90.59 ng

RT: 12.94 min Scan# 932

Delta R.T. -0.02 min

Lab File: BF085693.D

Acq: 23 Mar 2016 8:19

Instrument :

BNA_F

ClientSampled :

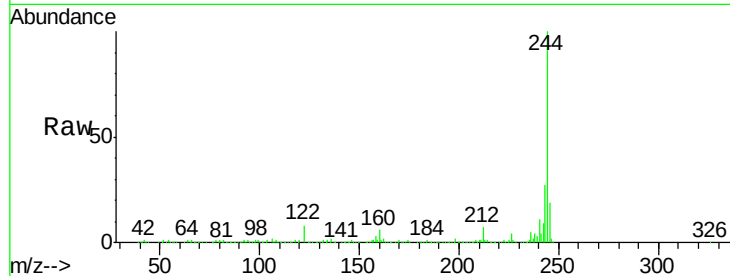
Tot Ion:244 Resp: 873430

Ion Ratio Lower Upper

244 100

212 6.7 6.1 9.1

122 7.6 10.2 15.4#

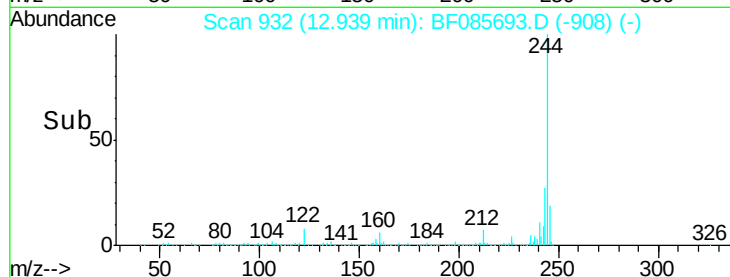


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



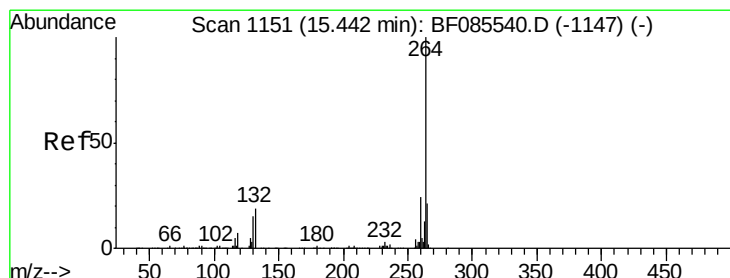
Abundance

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

Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.40 min Scan# 1147

Delta R.T. -0.05 min

Lab File: BF085693.D

Acq: 23 Mar 2016 8:19

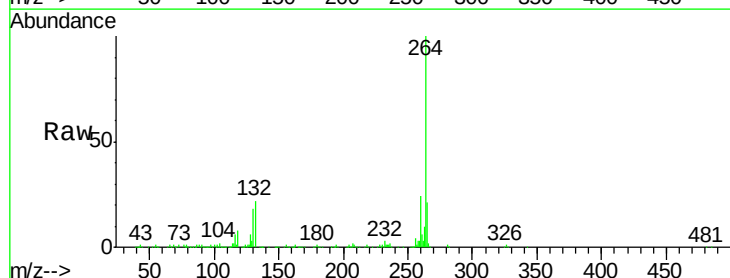
Tgt Ion:264 Resp: 222121

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.2

265 21.2 17.2 25.8

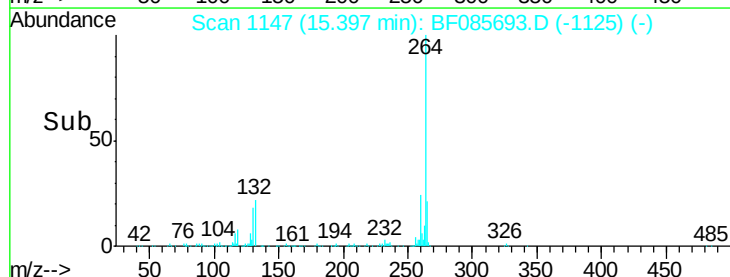


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

Time-->



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

Time-->