

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
 Data File : BF085942.D
 Acq On : 31 Mar 2016 22:14
 Operator : UM/SJ
 Sample : H1976-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Quant Time: Mar 31 21:49:23 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

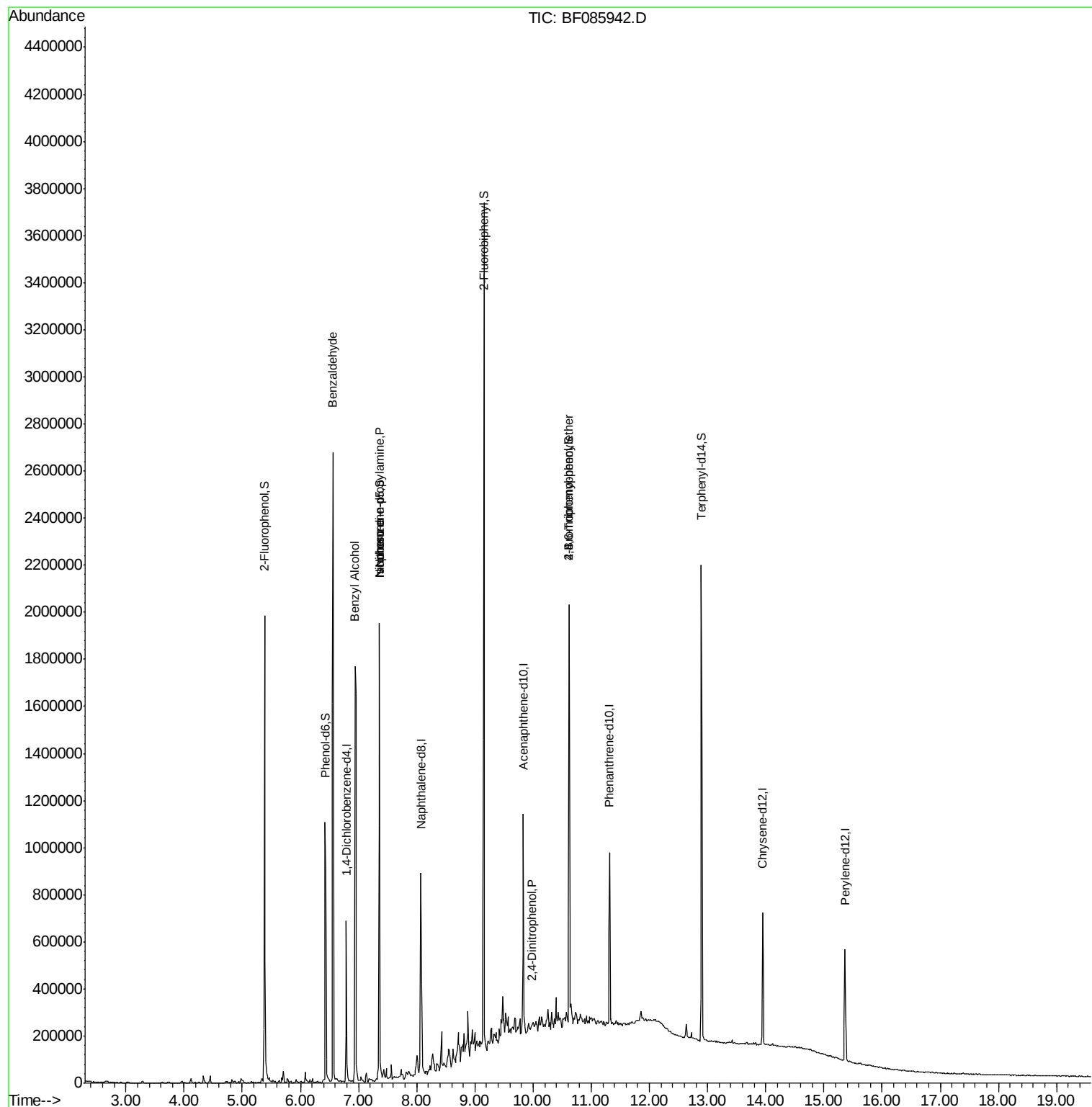
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	111899	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	427149	20.00	ng	-0.02
38) Acenaphthene-d10	9.83	164	188257	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	317501	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	201417	20.00	ng	-0.02
86) Perylene-d12	15.36	264	203153	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	626775	93.28	ng	-0.01
7) Phenol-d6	6.42	99	597313	69.92	ng	-0.02
23) Nitrobenzene-d5	7.36	82	779724	102.80	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	243301	136.02	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	1176244	104.39	ng	-0.01
78) Terphenyl-d14	12.89	244	839990	85.77	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.56	77	20518	3.99	ng	Qvalue 87
15) Benzyl Alcohol	6.94	79	12083	2.12	ng	# 50
19) n-Nitroso-di-n-propylamine	7.36	70	106880	20.90	ng	# 74
25) Isophorone	7.36	82	765034	52.36	ng	# 68
37) 2-Methylnaphthalene	8.77	142	288	Below Cal		# 1
53) 2,4-Dinitrophenol	9.98	184	265	6.20	ng	# 1
66) 4-Bromophenyl-phenylether	10.62	248	16018	4.93	ng	# 1

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

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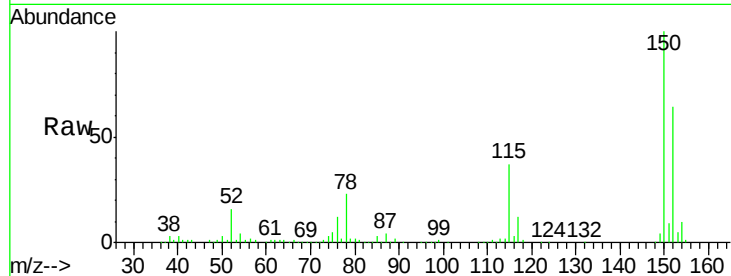


#1

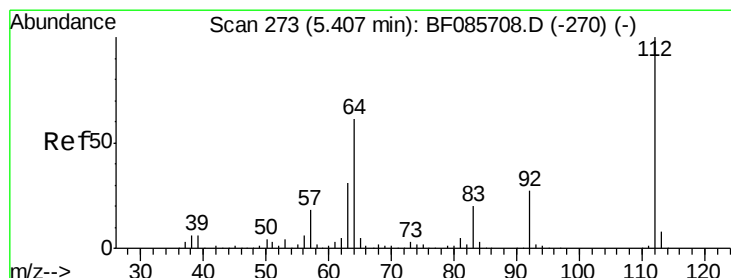
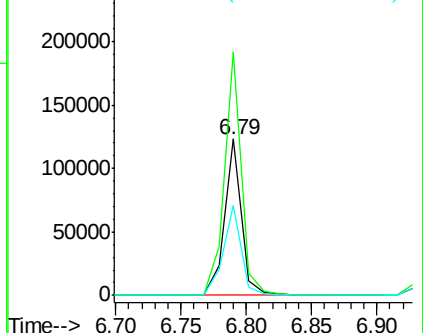
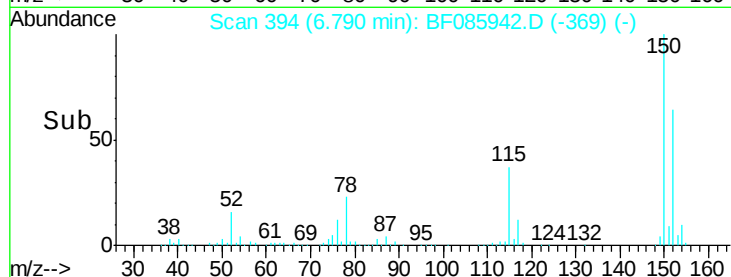
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.79 min Scan# 394
 Delta R.T. -0.01 min
 Lab File: BF085942.D
 Acq: 31 Mar 2016 22:14

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Tgt Ion:152 Resp: 111899
 Ion Ratio Lower Upper
 152 100
 150 155.9 124.2 186.2
 115 57.8 47.0 70.6



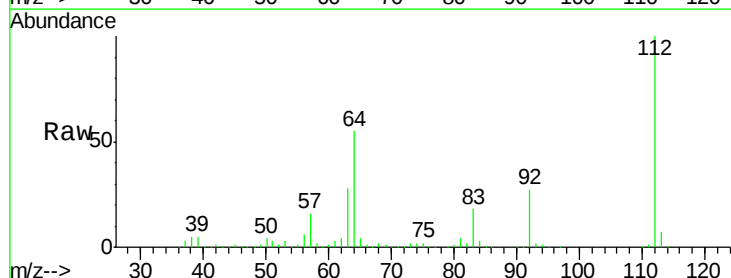
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



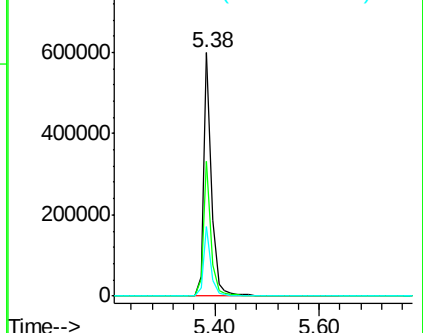
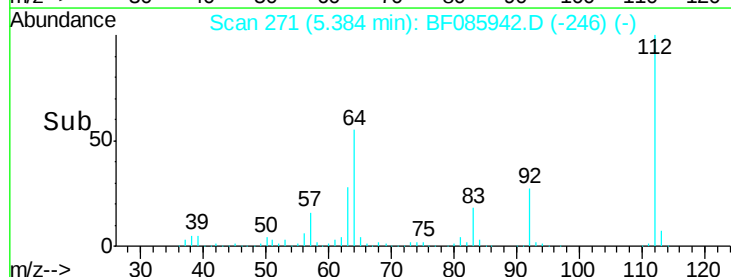
#5

2-Fluorophenol
 Concen: 93.28 ng
 RT: 5.38 min Scan# 271
 Delta R.T. -0.01 min
 Lab File: BF085942.D
 Acq: 31 Mar 2016 22:14

Tgt Ion:112 Resp: 626775
 Ion Ratio Lower Upper
 112 100
 64 55.4 39.9 59.9
 63 28.4 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: 69.92 ng

RT: 6.42 min Scan# 362

Delta R.T. -0.02 min

Lab File: BF085942.D

Acq: 31 Mar 2016 22:14

Instrument :

BNA_F

ClientSampled :

MW-2

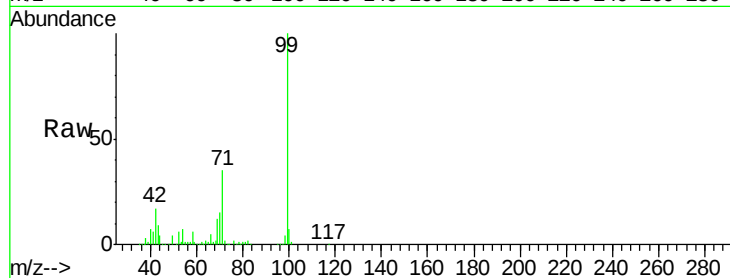
Tgt Ion: 99 Resp: 597313

Ion Ratio Lower Upper

99 100

42 17.4 11.1 16.7#

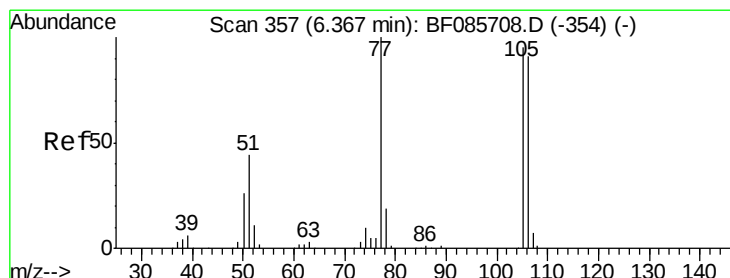
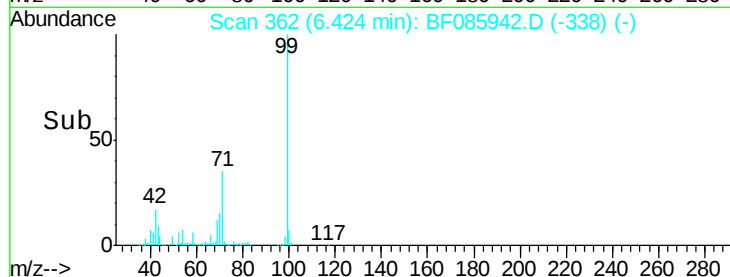
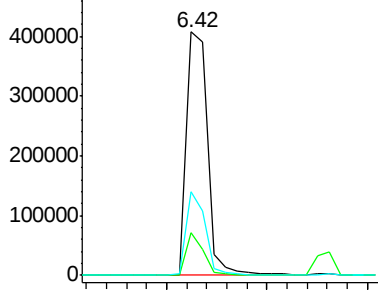
71 34.6 24.9 37.3



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: 3.99 ng

RT: 6.56 min Scan# 374

Delta R.T. 0.22 min

Lab File: BF085942.D

Acq: 31 Mar 2016 22:14

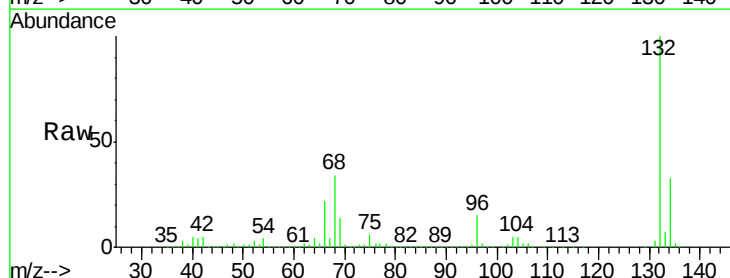
Tgt Ion: 77 Resp: 20518

Ion Ratio Lower Upper

77 100

105 87.0 80.1 120.1

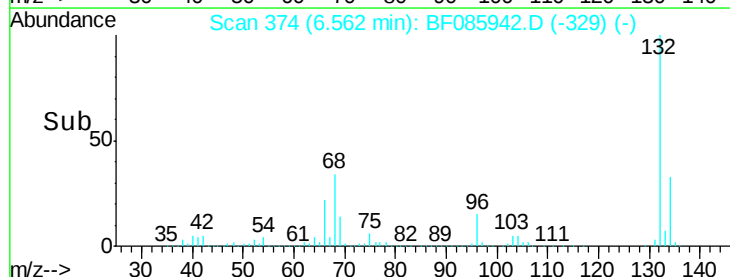
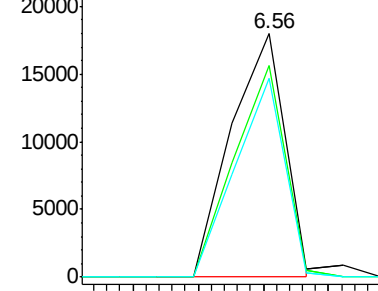
106 81.7 75.0 115.0

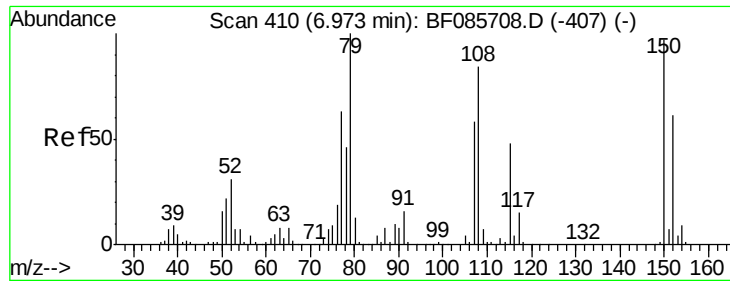


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.12 ng

RT: 6.94 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF085942.D

Acq: 31 Mar 2016 22:14

Instrument :

BNA_F

ClientSampled :

MW-2

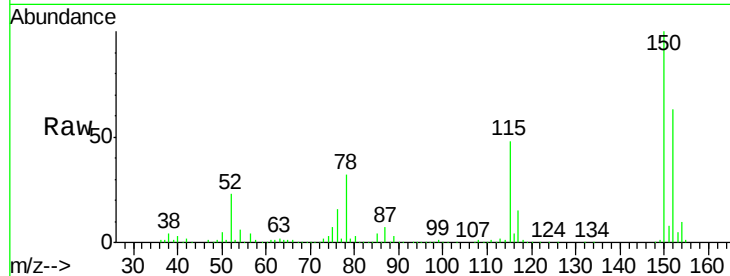
Tgt Ion: 79 Resp: 12083

Ion Ratio Lower Upper

79 100

108 30.2 61.8 92.6#

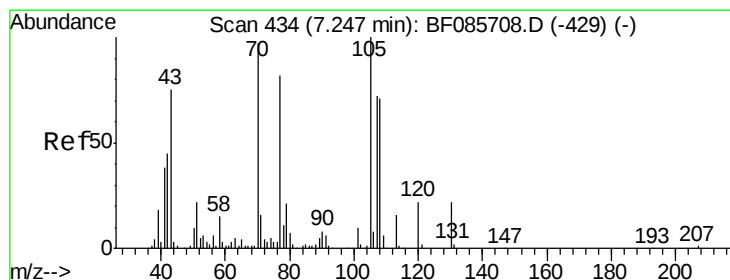
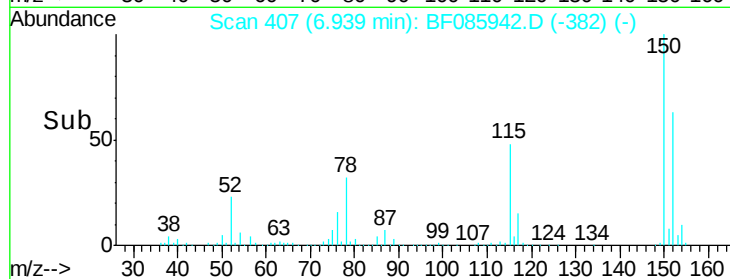
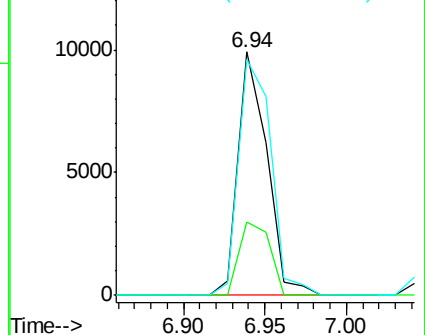
77 97.0 49.6 74.4#



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: 20.90 ng

RT: 7.36 min Scan# 444

Delta R.T. 0.14 min

Lab File: BF085942.D

Acq: 31 Mar 2016 22:14

Tgt Ion: 70 Resp: 106880

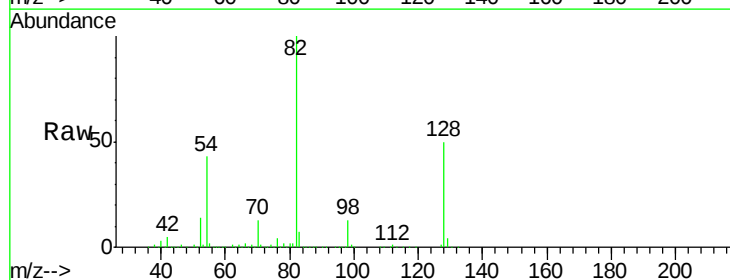
Ion Ratio Lower Upper

70 100

42 35.9 37.1 55.7#

101 0.0 8.6 12.8#

130 2.4 19.6 29.4#

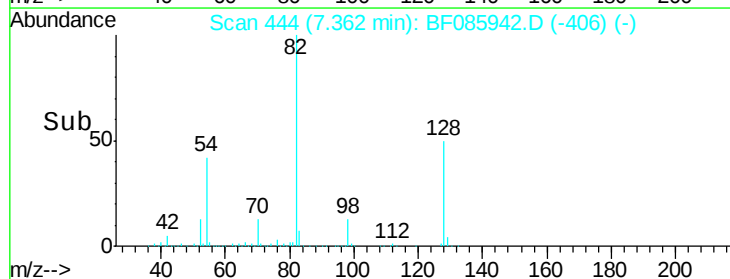
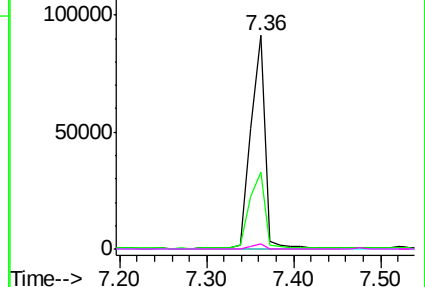


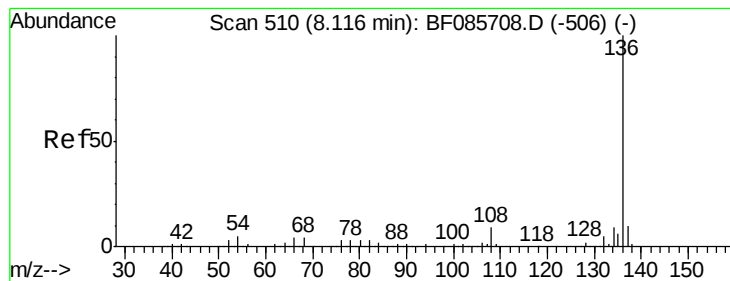
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.07 min Scan# 506

Delta R.T. -0.02 min

Lab File: BF085942.D

Acq: 31 Mar 2016 22:14

Instrument :

BNA_F

ClientSampleId :

MW-2

Tgt Ion:136 Resp: 427149

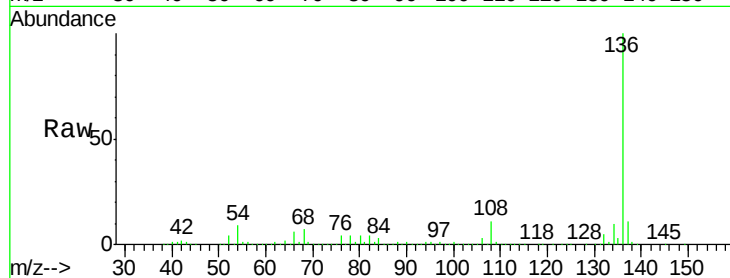
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 8.5 7.4 11.0

68 7.1 5.8 8.8

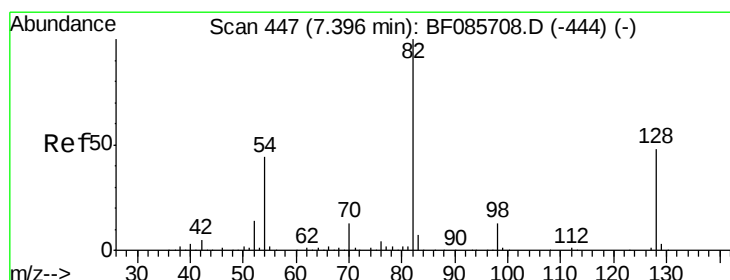
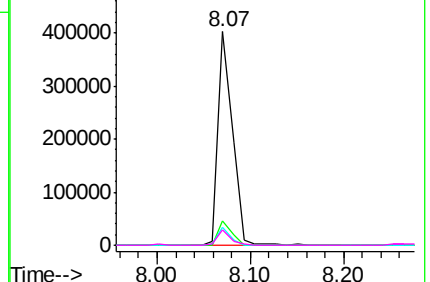
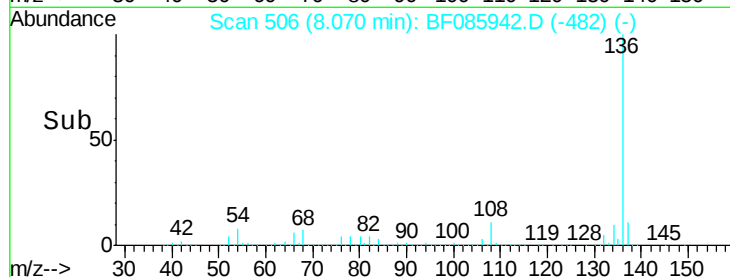


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 102.80 ng

RT: 7.36 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF085942.D

Acq: 31 Mar 2016 22:14

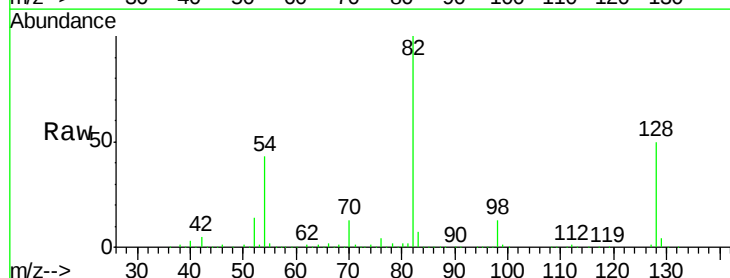
Tgt Ion: 82 Resp: 779724

Ion Ratio Lower Upper

82 100

128 49.5 41.8 62.8

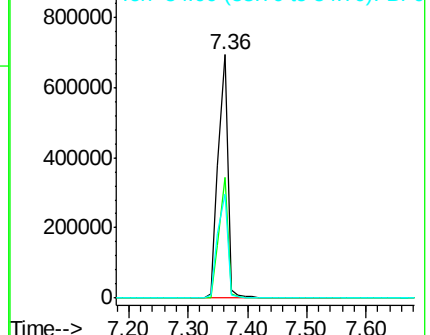
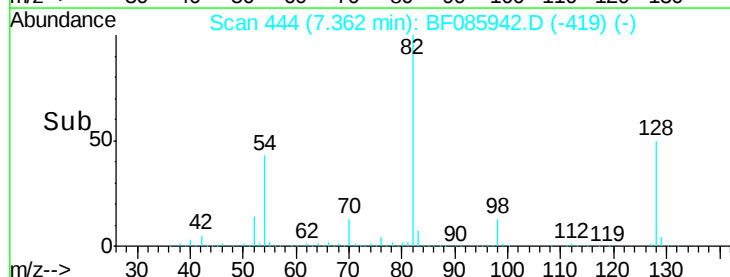
54 42.6 33.4 50.0

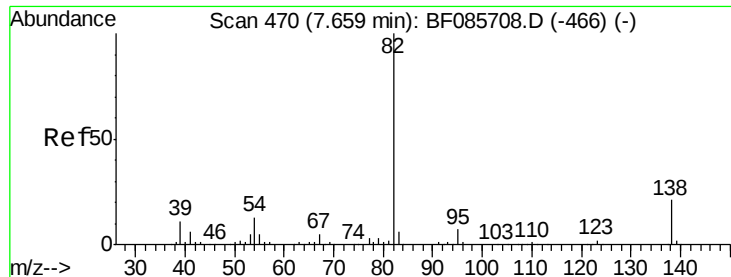


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 52.36 ng

RT: 7.36 min Scan# 444

Delta R.T. -0.27 min

Lab File: BF085942.D

Acq: 31 Mar 2016 22:14

Instrument :

BNA_F

ClientSampleId :

MW-2

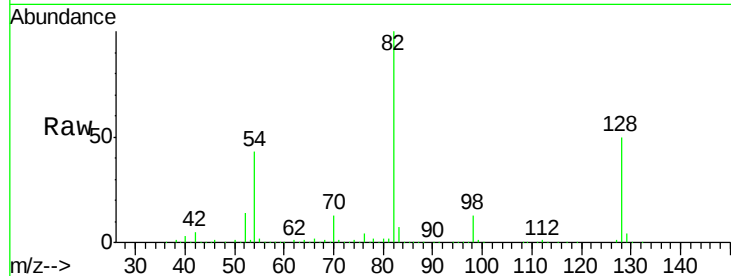
Tgt Ion: 82 Resp: 765034

Ion Ratio Lower Upper

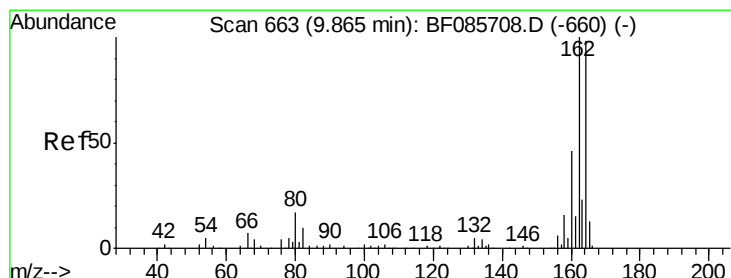
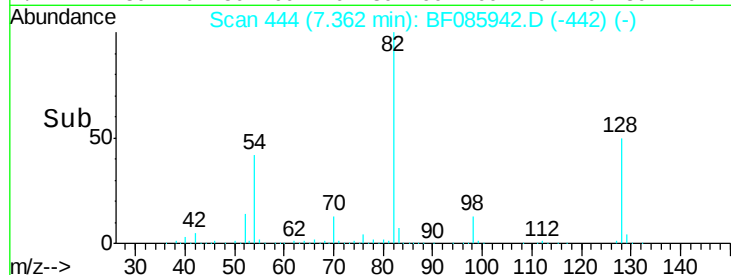
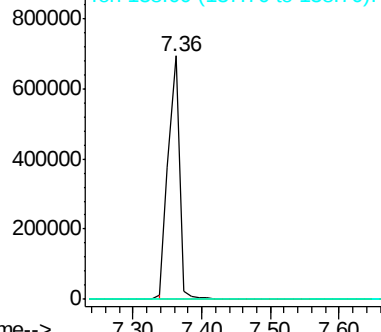
82 100

95 0.1 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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.83 min Scan# 660

Delta R.T. -0.01 min

Lab File: BF085942.D

Acq: 31 Mar 2016 22:14

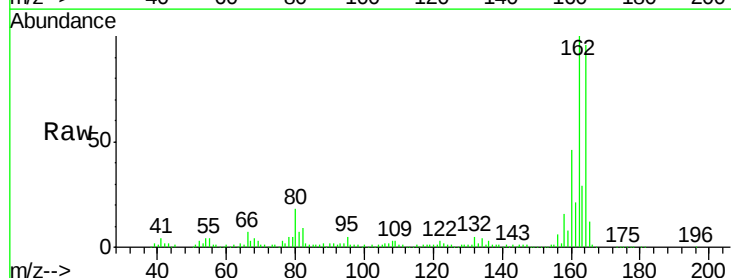
Tgt Ion:164 Resp: 188257

Ion Ratio Lower Upper

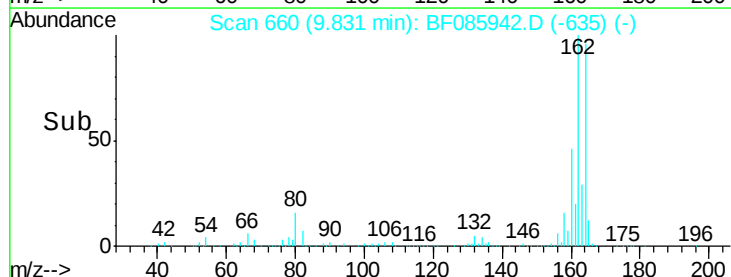
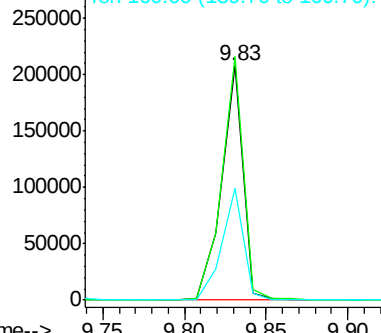
164 100

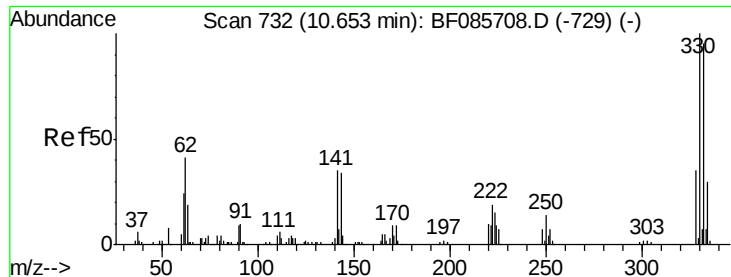
162 104.0 82.1 123.1

160 47.5 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

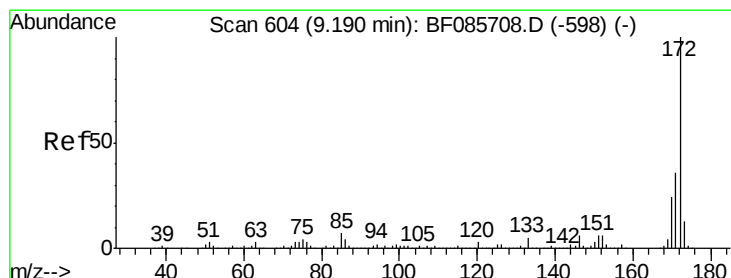
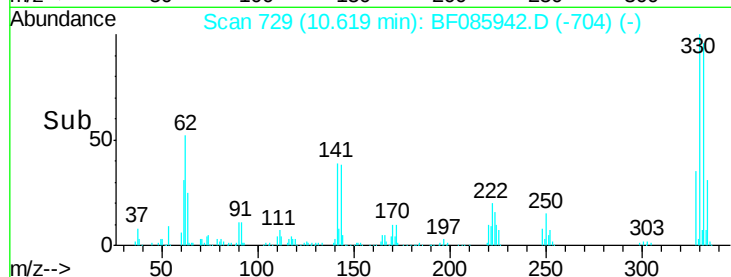
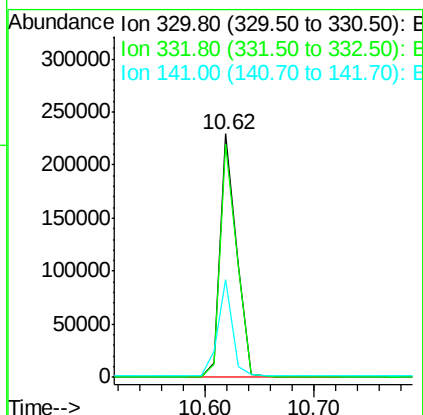
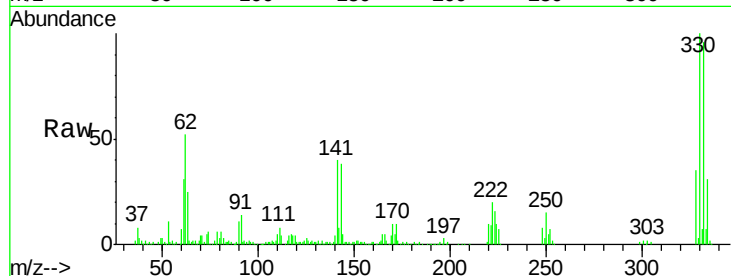




#41
 2,4,6-Tribromophenol
 Concen: 136.02 ng
 RT: 10.62 min Scan# 729
 Delta R.T. -0.01 min
 Lab File: BF085942.D
 Acq: 31 Mar 2016 22:14

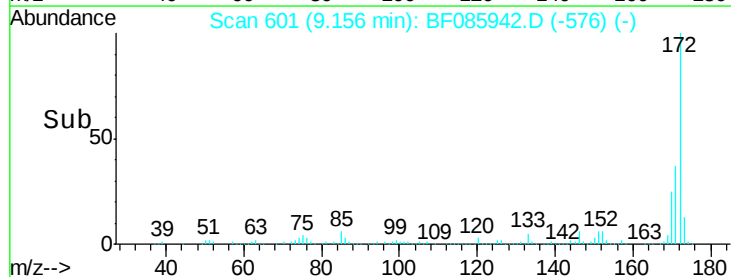
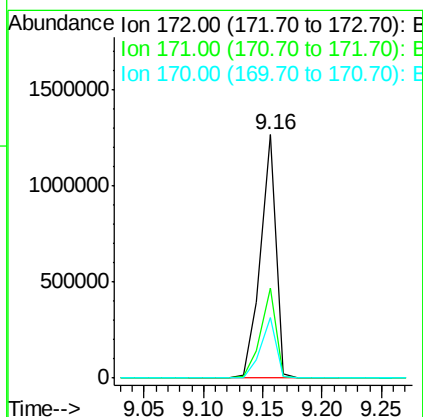
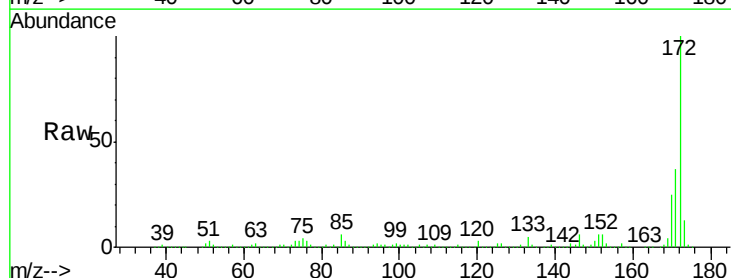
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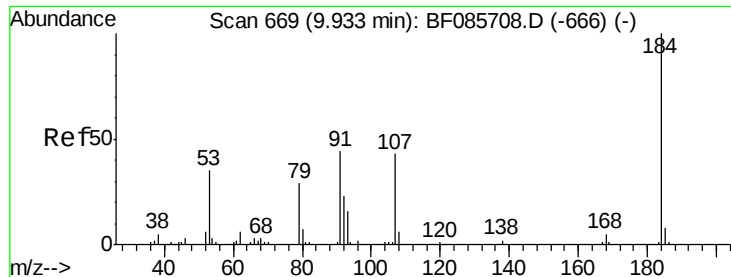
Tgt Ion:330 Resp: 243301
 Ion Ratio Lower Upper
 330 100
 332 96.6 78.2 117.2
 141 35.3 31.5 47.3



#44
 2-Fluorobiphenyl
 Concen: 104.39 ng
 RT: 9.16 min Scan# 601
 Delta R.T. -0.01 min
 Lab File: BF085942.D
 Acq: 31 Mar 2016 22:14

Tgt Ion:172 Resp: 1176244
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.4 44.2
 170 24.7 19.8 29.6

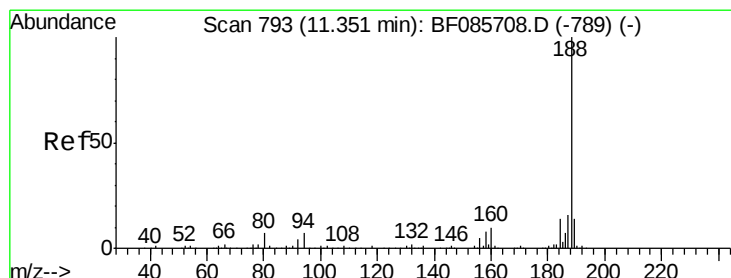
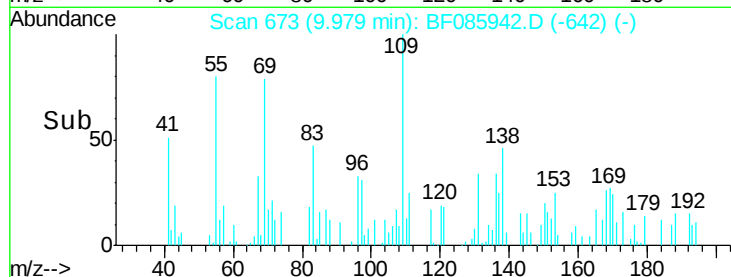
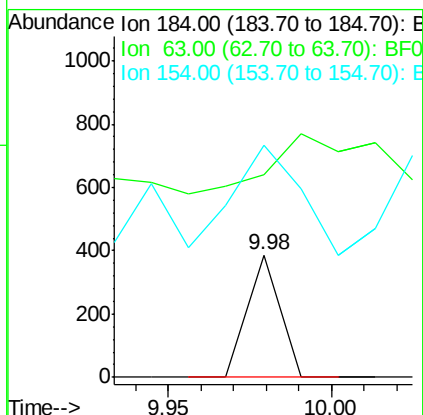
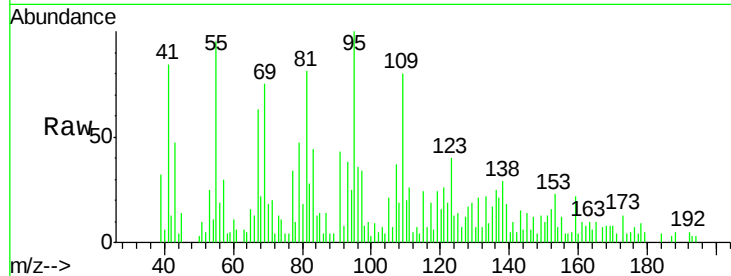




#53
2,4-Dinitrophenol
Concen: 6.20 ng
RT: 9.98 min Scan# 673
Delta R.T. 0.06 min
Lab File: BF085942.D
Acq: 31 Mar 2016 22:14

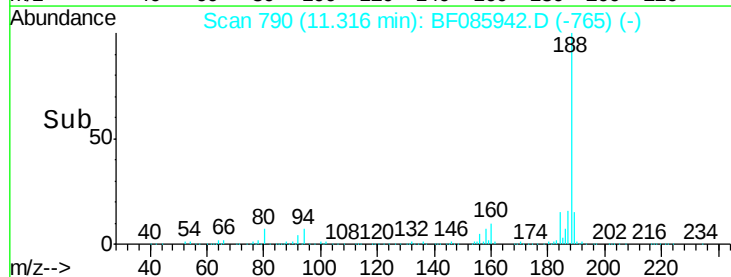
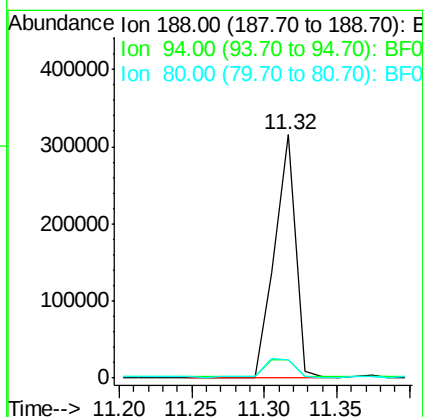
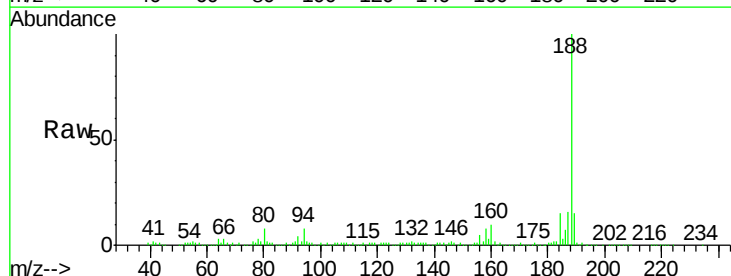
Instrument :
BNA_F
ClientSampleId :
MW-2

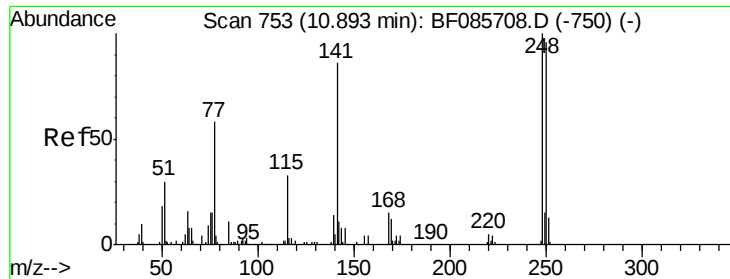
Tgt Ion:184 Resp: 265
Ion Ratio Lower Upper
184 100
63 166.1 69.5 104.3#
154 189.6 58.3 87.5#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF085942.D
Acq: 31 Mar 2016 22:14

Tgt Ion:188 Resp: 317501
Ion Ratio Lower Upper
188 100
94 7.5 5.4 8.0
80 7.6 5.5 8.3

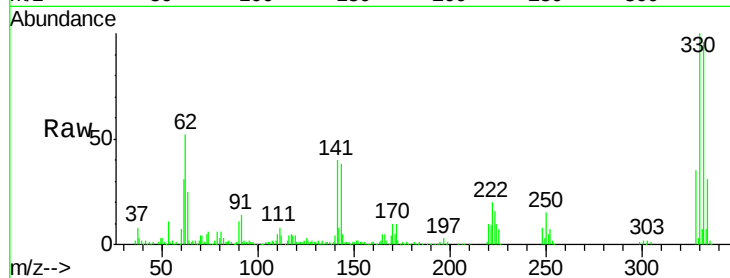




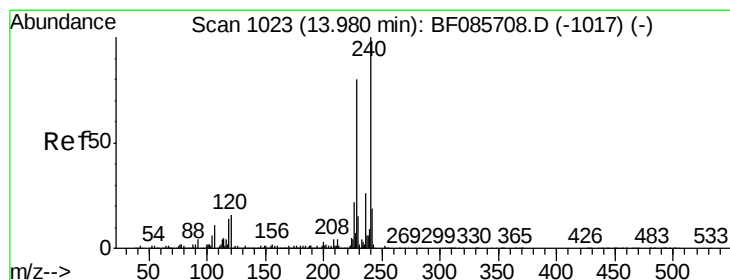
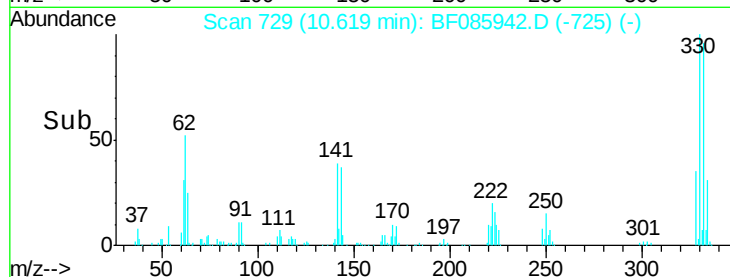
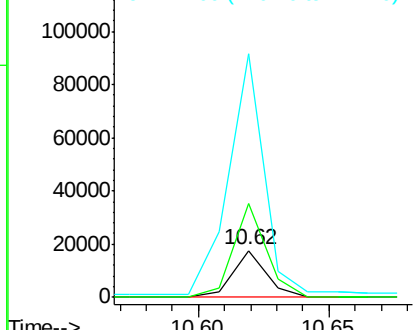
#66
4-Bromophenyl-phenylether
Concen: 4.93 ng
RT: 10.62 min Scan# 729
Delta R.T. -0.25 min
Lab File: BF085942.D
Acq: 31 Mar 2016 22:14

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion:248 Resp: 16018
Ion Ratio Lower Upper
248 100
250 199.3 77.4 116.0#
141 520.2 63.6 95.4#

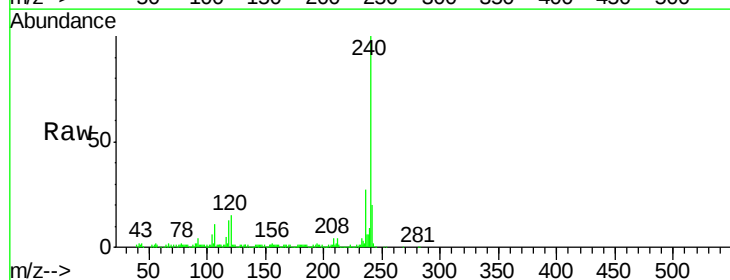


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

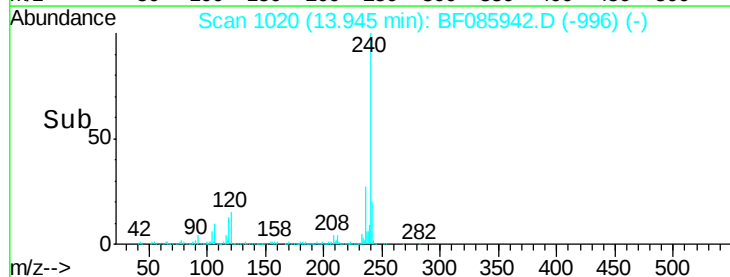
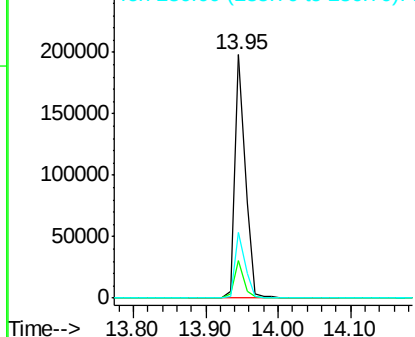


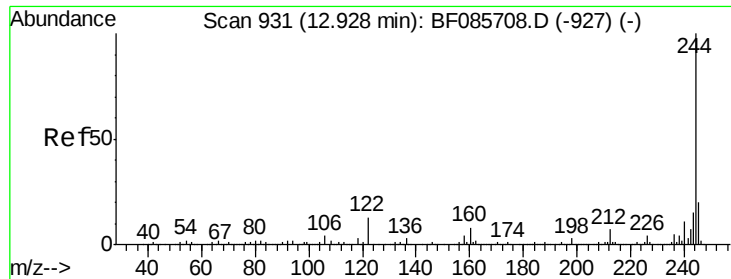
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF085942.D
Acq: 31 Mar 2016 22:14

Tgt Ion:240 Resp: 201417
Ion Ratio Lower Upper
240 100
120 15.3 13.8 20.8
236 26.8 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

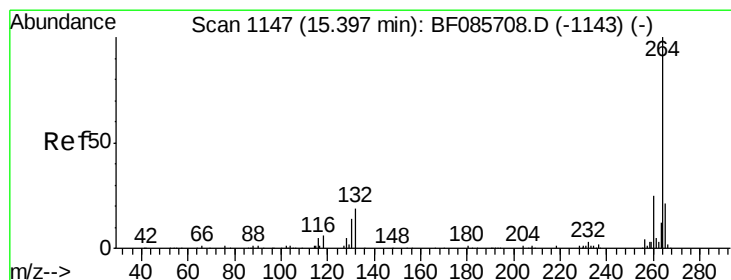
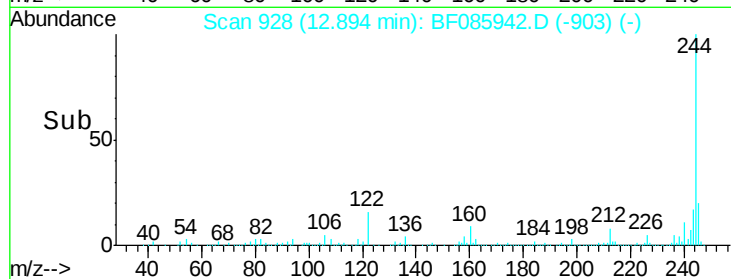
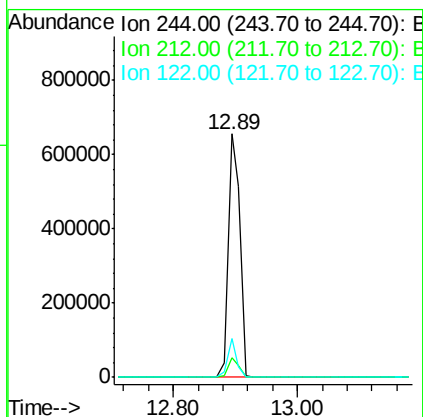
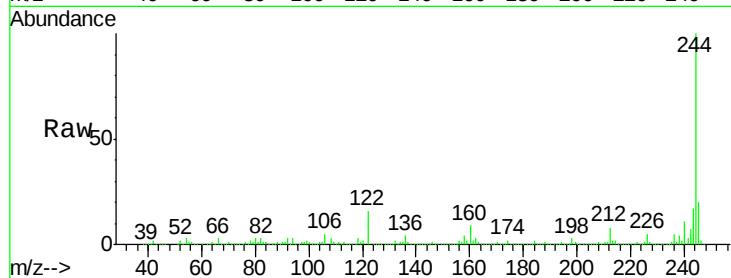




#78
 Terphenyl-d14
 Concen: 85.77 ng
 RT: 12.89 min Scan# 928
 Delta R.T. -0.01 min
 Lab File: BF085942.D
 Acq: 31 Mar 2016 22:14

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Tgt Ion:244 Resp: 839990
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.1 9.1
 122 16.1 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: BF085942.D
 Acq: 31 Mar 2016 22:14

Tgt Ion:264 Resp: 203153
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.4 29.2
 265 21.4 17.2 25.8

