

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041516\
 Data File : BF086246.D
 Acq On : 16 Apr 2016 6:04
 Operator : UM/SJ
 Sample : PB89866BL
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89866BL

Quant Time: Apr 18 03:55:02 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 15 15:56:31 2016
 Response via : Initial Calibration

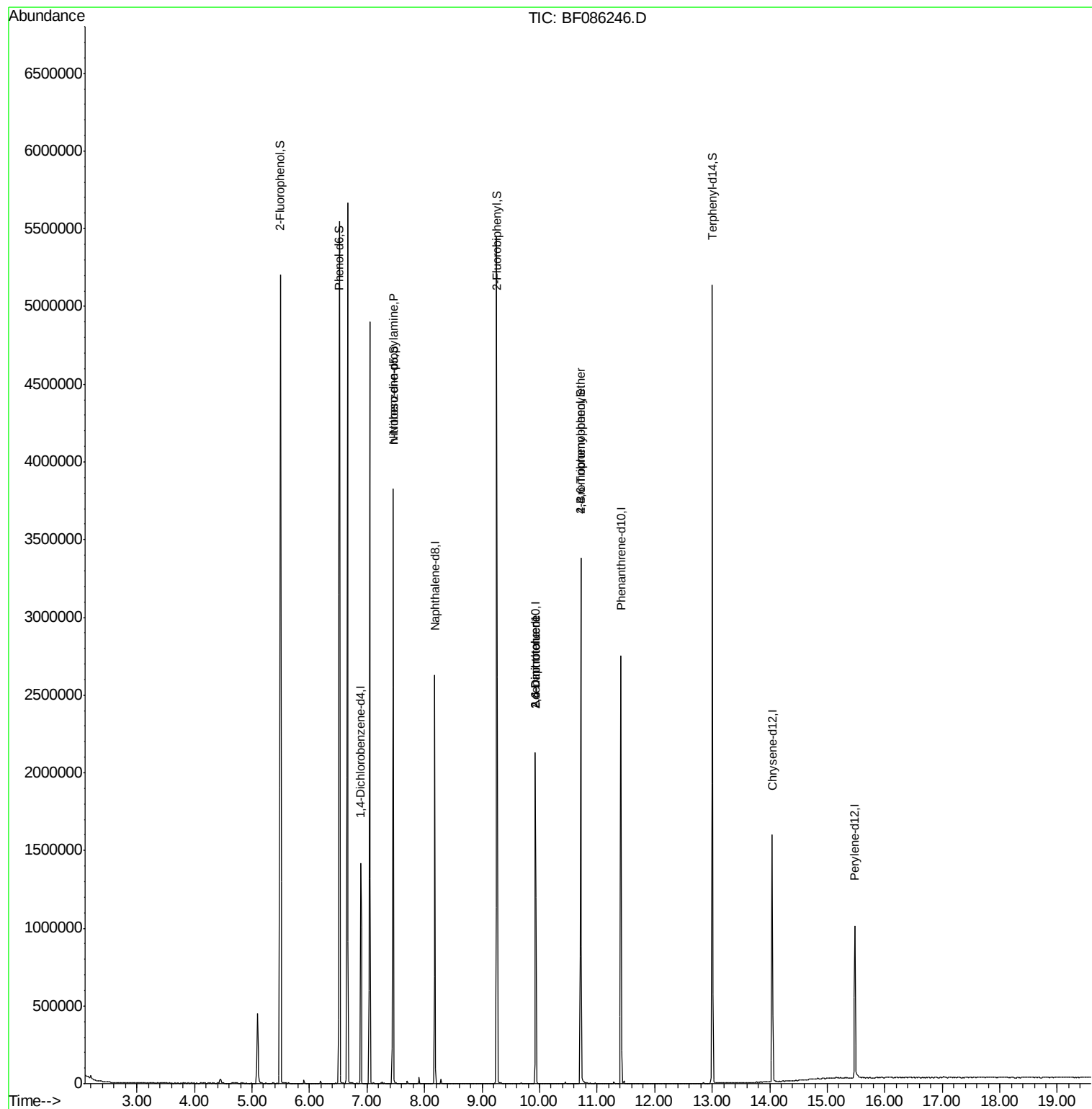
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	276434	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1168346	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	493694	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	892006	20.00	ng	0.00
75) Chrysene-d12	14.04	240	532164	20.00	ng	-0.01
86) Perylene-d12	15.48	264	439128	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1692910	100.34	ng	0.01
7) Phenol-d6	6.52	99	2158743	102.29	ng	0.00
23) Nitrobenzene-d5	7.46	82	1559506	76.99	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	405166	102.20	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	2093468	78.25	ng	-0.01
78) Terphenyl-d14	13.00	244	1605438	75.86	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.46	70	216437	16.03	ng	# 76
22) Acetophenone	7.05	105	252	Below Cal	#	1
50) 2,6-Dinitrotoluene	9.93	165	63471	7.99	ng	# 32
56) 2,4-Dinitrotoluene	9.93	165	63474	6.24	ng	# 31
57) Fluorene	10.72	166	19189	Below Cal	#	82
66) 4-Bromophenyl-phenylether	10.72	248	23438	2.82	ng	# 1
71) Anthracene	11.41	178	962	Below Cal	#	1
74) Fluoranthene	12.61	202	812	Below Cal		61

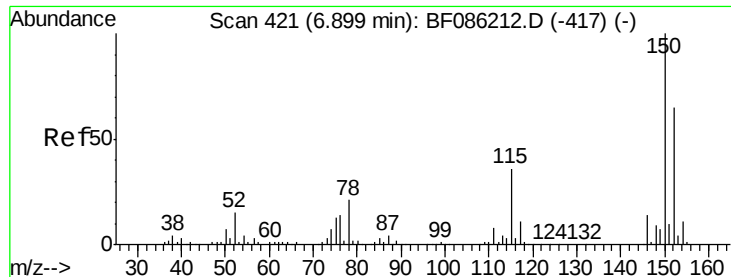
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF086246.D

Acq: 16 Apr 2016 6:04

Instrument :

BNA_F

ClientSampleId :

PB89866BL

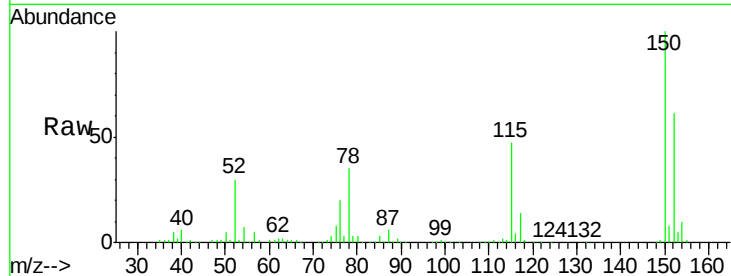
Tgt Ion:152 Resp: 276434

Ion Ratio Lower Upper

152 100

150 163.5 124.1 186.1

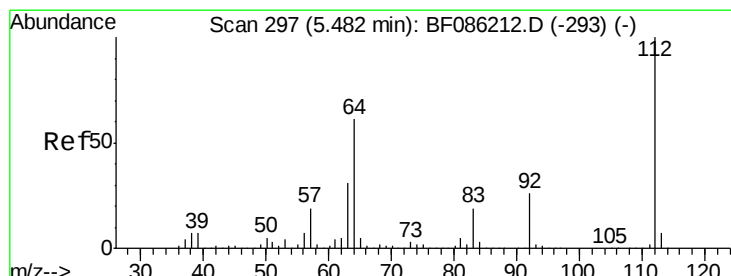
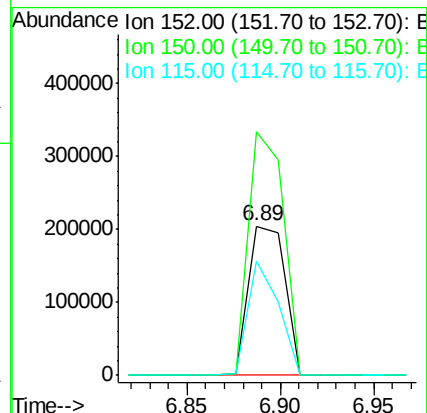
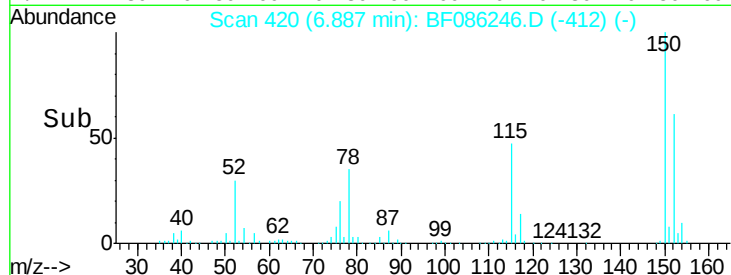
115 76.9 43.9 65.9#



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: 100.34 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.01 min

Lab File: BF086246.D

Acq: 16 Apr 2016 6:04

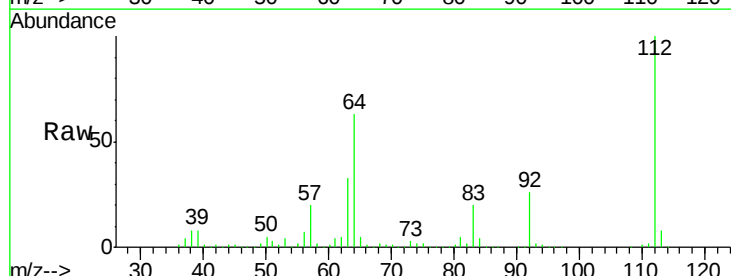
Tgt Ion:112 Resp: 1692910

Ion Ratio Lower Upper

112 100

64 63.3 48.1 72.1

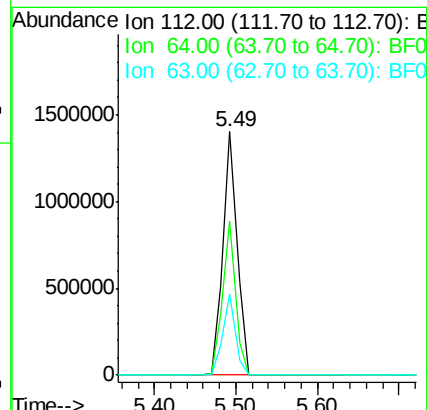
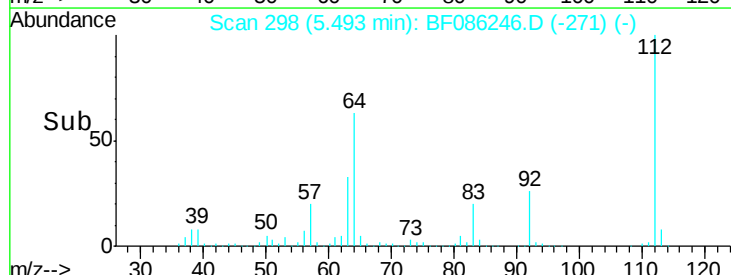
63 33.1 25.5 38.3

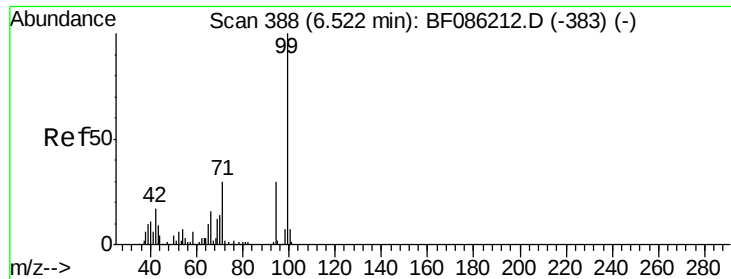


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 102.29 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF086246.D

Acq: 16 Apr 2016 6:04

Instrument :

BNA_F

ClientSampleId :

PB89866BL

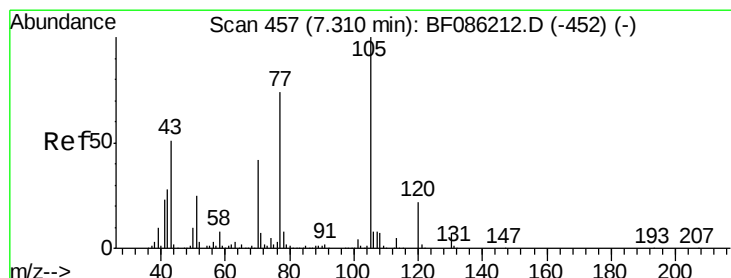
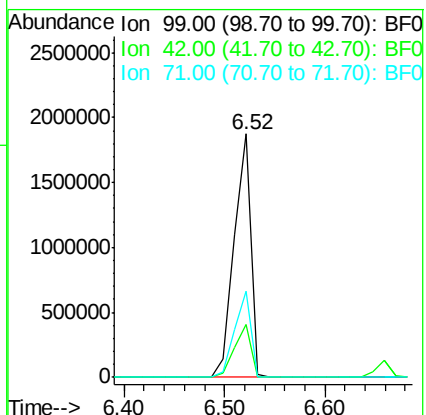
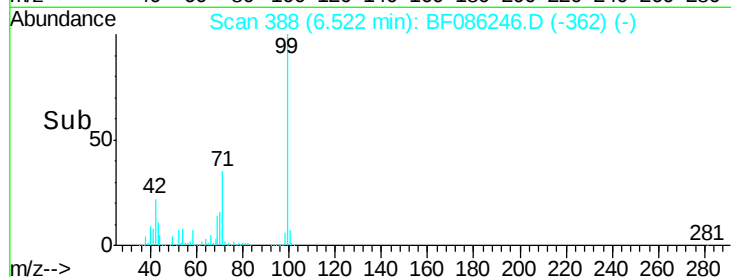
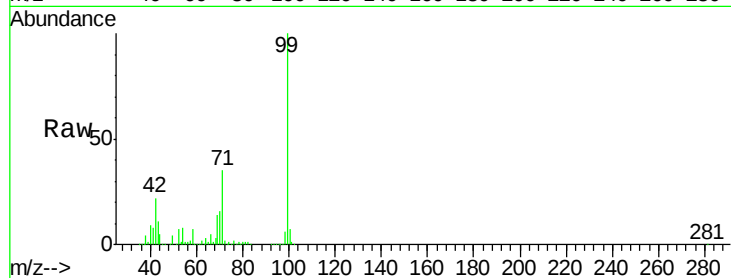
Tgt Ion: 99 Resp: 2158743

Ion Ratio Lower Upper

99 100

42 22.0 15.4 23.2

71 35.2 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 16.03 ng

RT: 7.46 min Scan# 470

Delta R.T. 0.15 min

Lab File: BF086246.D

Acq: 16 Apr 2016 6:04

Tgt Ion: 70 Resp: 216437

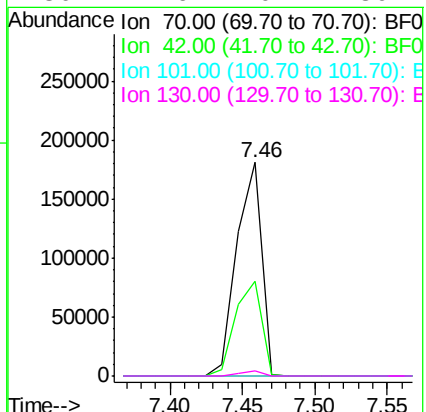
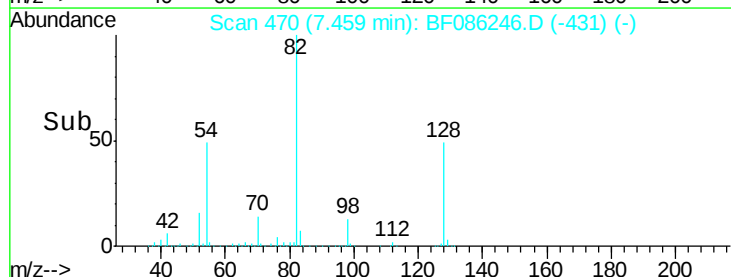
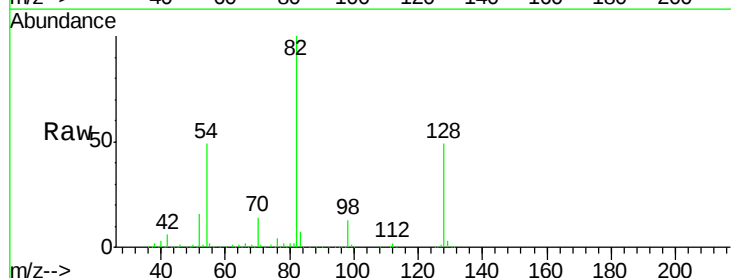
Ion Ratio Lower Upper

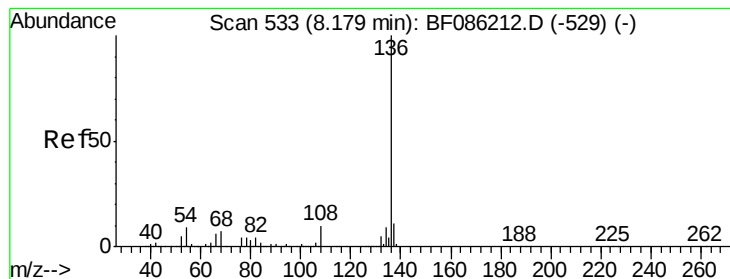
70 100

42 44.4 43.0 64.4

101 0.0 8.1 12.1#

130 2.6 20.1 30.1#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF086246.D

Acq: 16 Apr 2016 6:04

Instrument :

BNA_F

ClientSampleId :

PB89866BL

Tgt Ion:136 Resp: 1168346

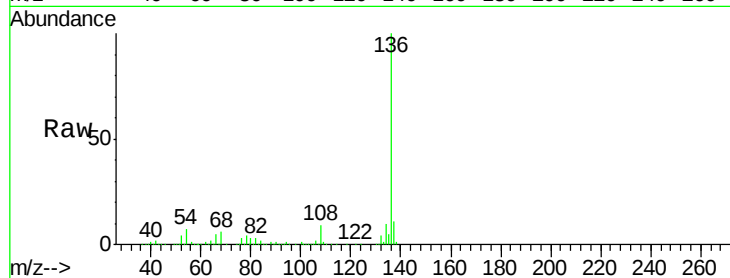
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 7.3 7.3 10.9

68 6.2 5.7 8.5

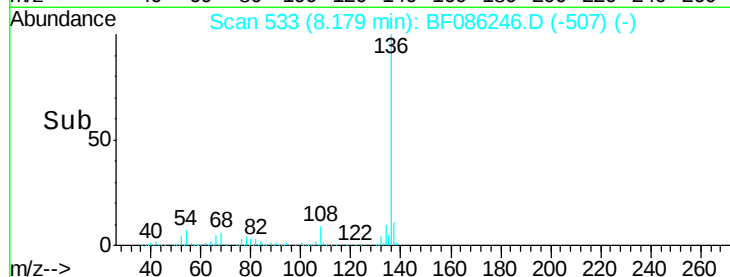


Abundance Ion 136.00 (135.70 to 136.70): E

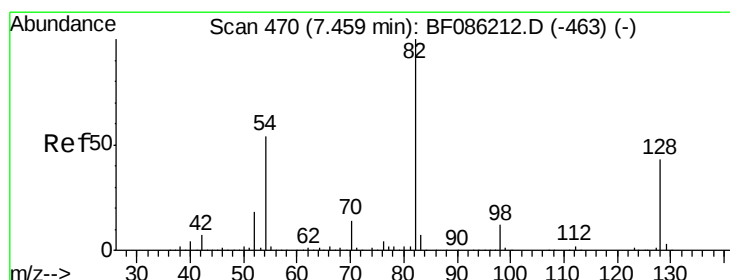
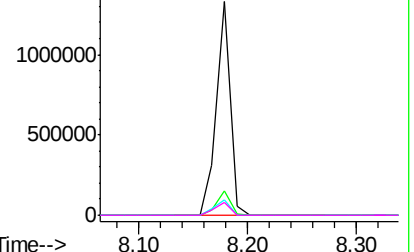
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 76.99 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.00 min

Lab File: BF086246.D

Acq: 16 Apr 2016 6:04

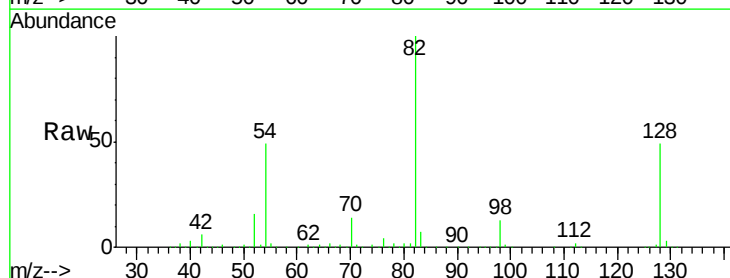
Tgt Ion: 82 Resp: 1559506

Ion Ratio Lower Upper

82 100

128 48.7 35.4 53.2

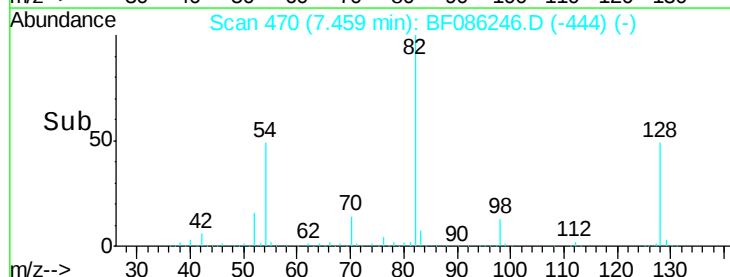
54 48.7 43.4 65.0



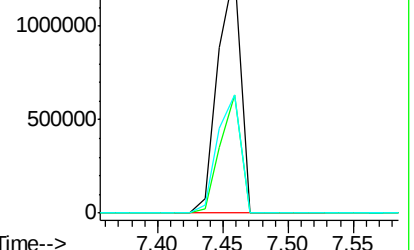
Abundance Ion 82.00 (81.70 to 82.70): BF0

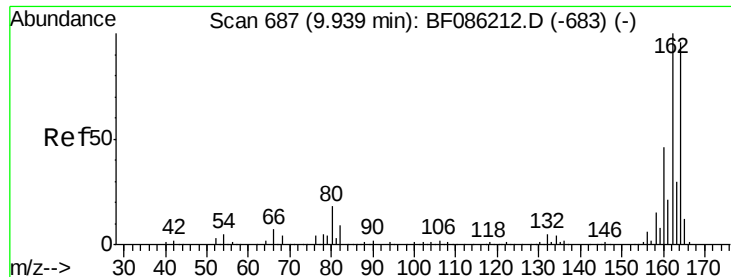
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.01 min

Lab File: BF086246.D

Acq: 16 Apr 2016 6:04

Instrument :

BNA_F

ClientSampleId :

PB89866BL

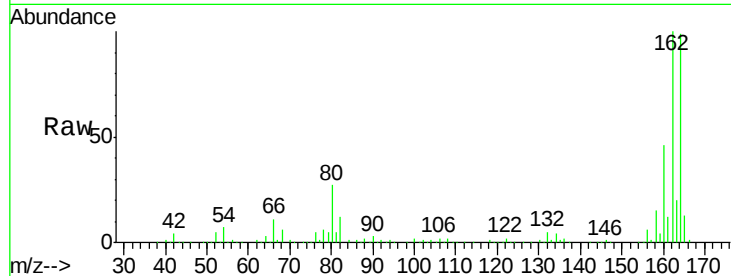
Tgt Ion:164 Resp: 493694

Ion Ratio Lower Upper

164 100

162 101.0 82.8 124.2

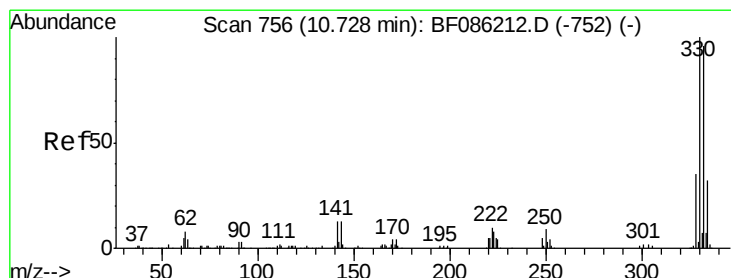
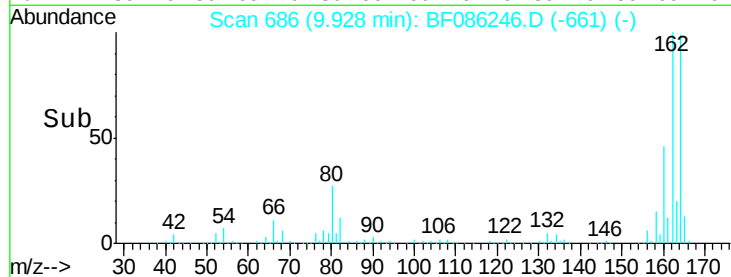
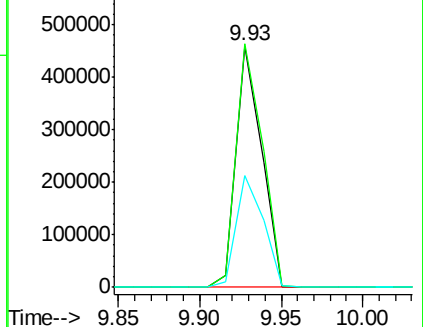
160 46.1 38.9 58.3



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: 102.20 ng

RT: 10.72 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF086246.D

Acq: 16 Apr 2016 6:04

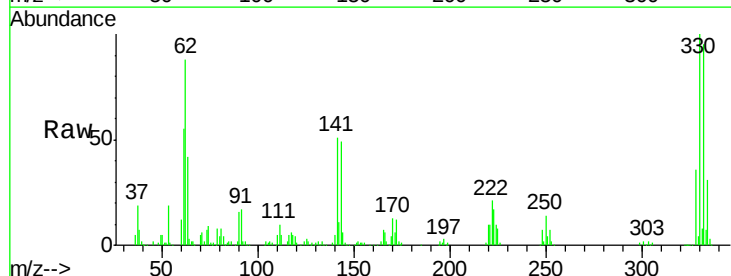
Tgt Ion:330 Resp: 405166

Ion Ratio Lower Upper

330 100

332 95.7 78.7 118.1

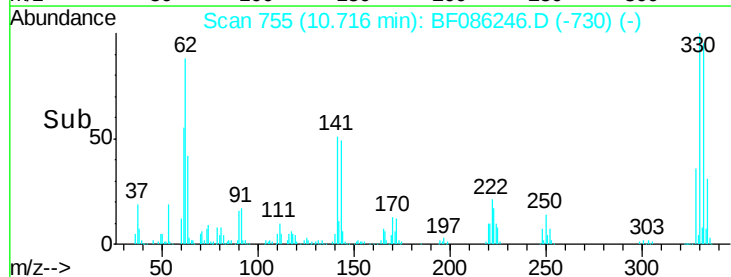
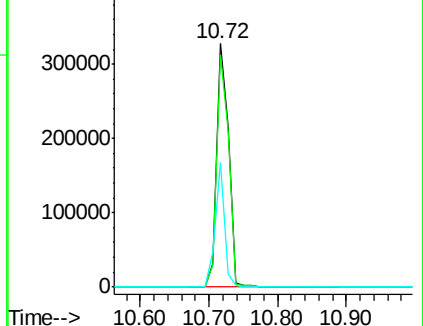
141 40.2 28.6 42.8

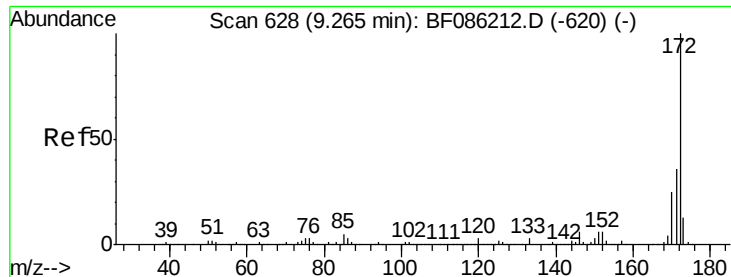


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

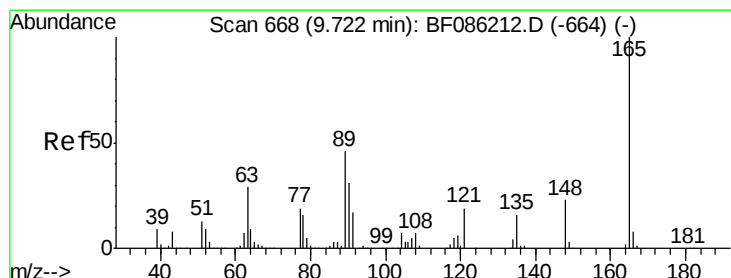
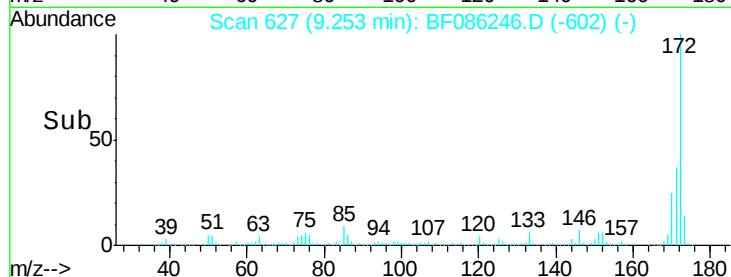
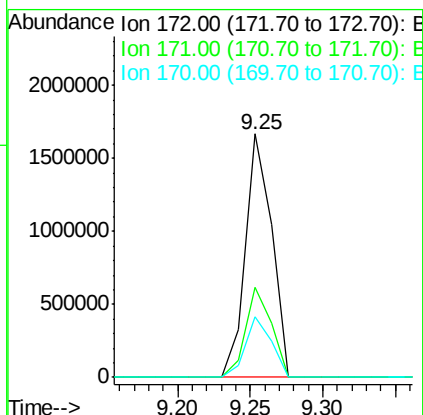
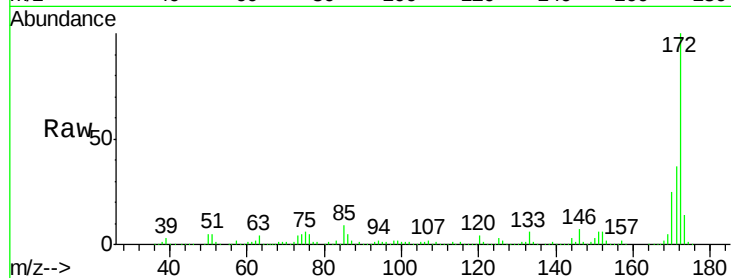




#44
 2-Fluorobiphenyl
 Concen: 78.25 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF086246.D
 Acq: 16 Apr 2016 6:04

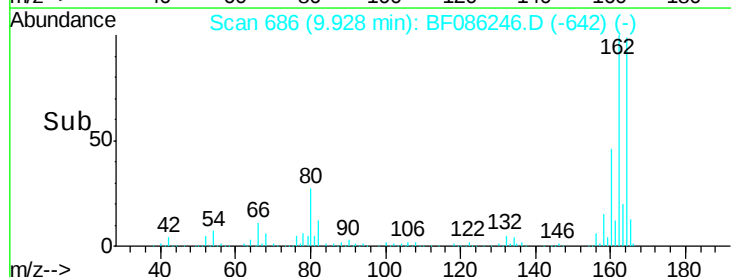
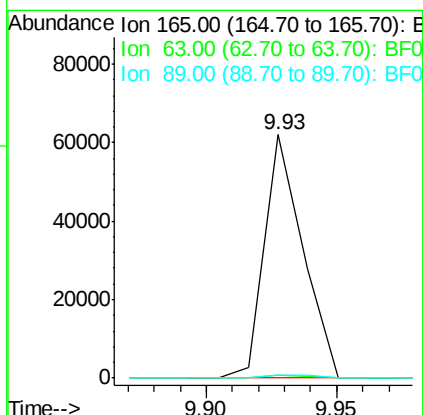
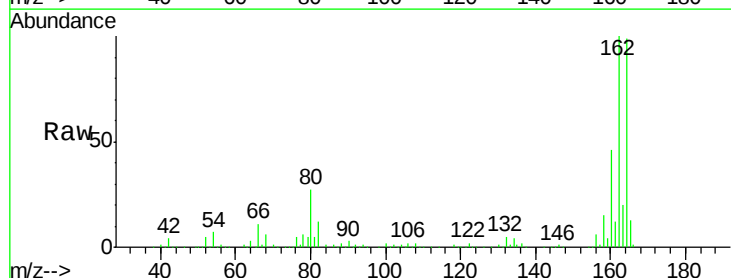
Instrument :
 BNA_F
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 PB89866BL

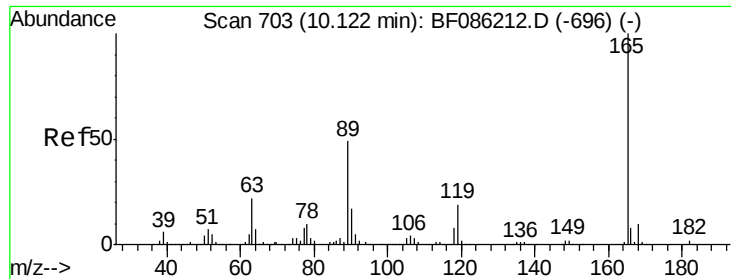
Tgt Ion:172 Resp: 2093468
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.1 43.7
 170 24.9 19.9 29.9



#50
 2,6-Dinitrotoluene
 Concen: 7.99 ng
 RT: 9.93 min Scan# 686
 Delta R.T. 0.21 min
 Lab File: BF086246.D
 Acq: 16 Apr 2016 6:04

Tgt Ion:165 Resp: 63471
 Ion Ratio Lower Upper
 165 100
 63 1.3 35.1 52.7#
 89 1.3 39.8 59.6#

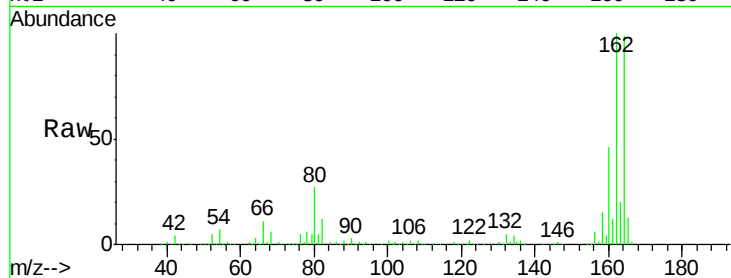




#56
 2,4-Dinitrotoluene
 Concen: 6.24 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.19 min
 Lab File: BF086246.D
 Acq: 16 Apr 2016 6:04

Instrument :
 BNA_F
 ClientSampleId :
 PB89866BL

Tgt Ion:	165	Resp:	63474
Ion Ratio	Lower	Upper	
165	100		
63	1.3	26.6	40.0#
89	1.3	49.5	74.3#
182	0.0	1.9	2.9#

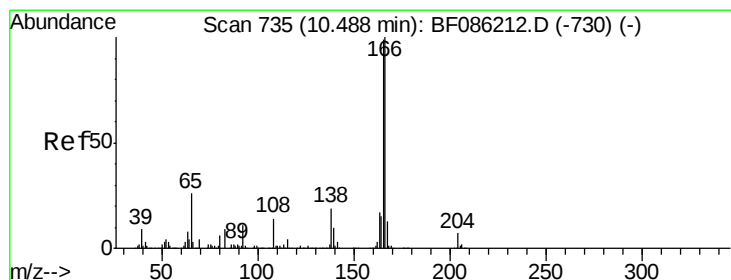
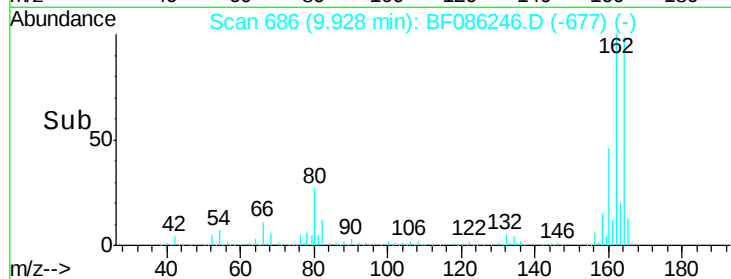
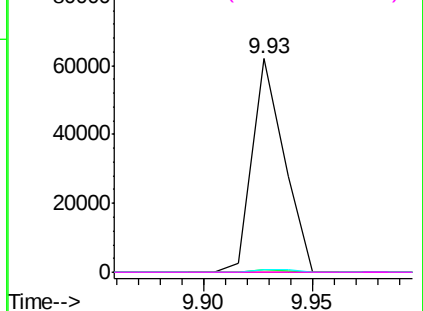


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

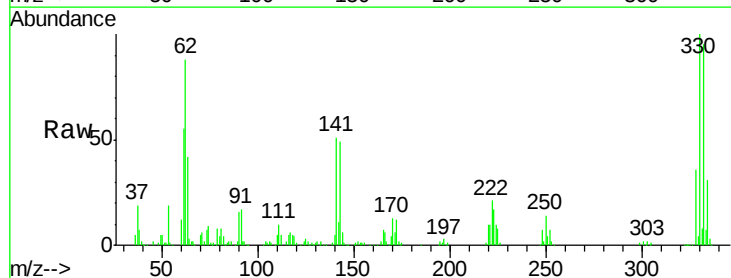
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
 Fluorene
 Concen: Below Cal
 RT: 10.72 min Scan# 755
 Delta R.T. 0.23 min
 Lab File: BF086246.D
 Acq: 16 Apr 2016 6:04

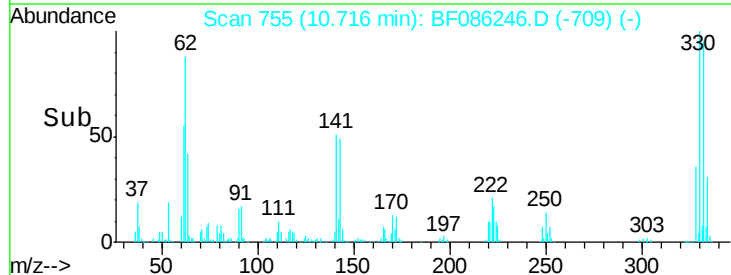
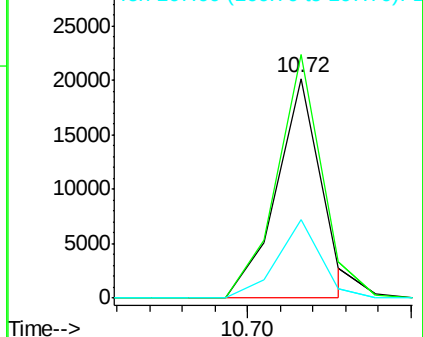
Tgt Ion:	166	Resp:	19189
Ion Ratio	Lower	Upper	
166	100		
165	110.8	78.6	117.8
167	35.5	10.4	15.6#

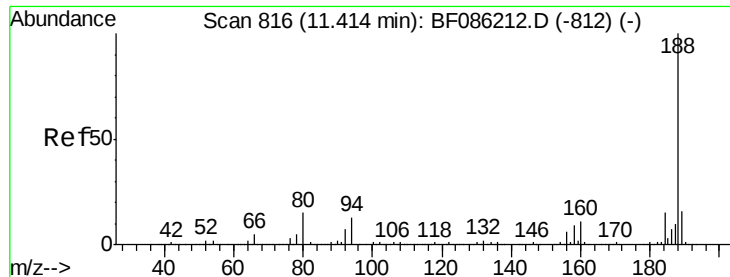


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

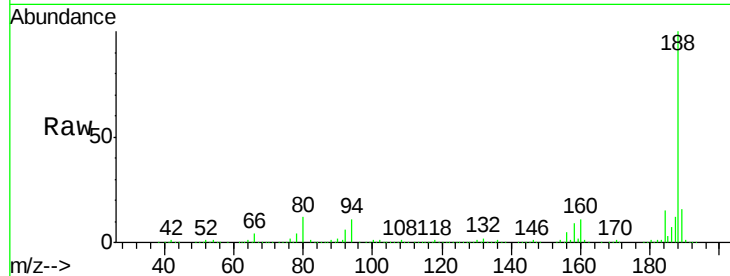




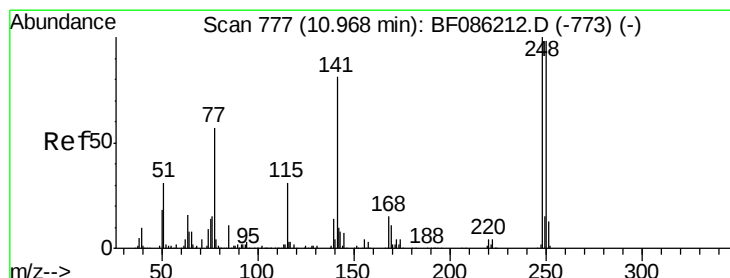
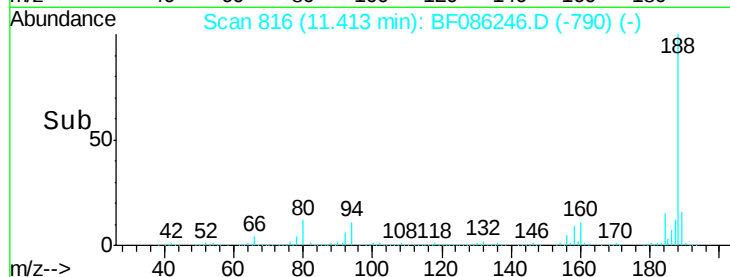
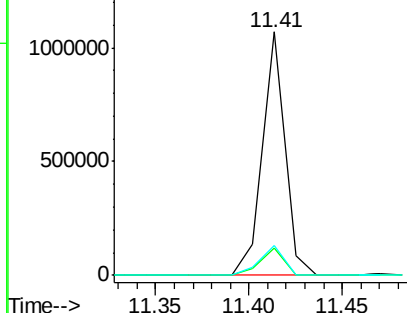
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF086246.D
 Acq: 16 Apr 2016 6:04

Instrument :
 BNA_F
 ClientSampleId :
 PB89866BL

Tgt Ion:188 Resp: 892006
 Ion Ratio Lower Upper
 188 100
 94 11.1 9.8 14.8
 80 12.1 10.5 15.7

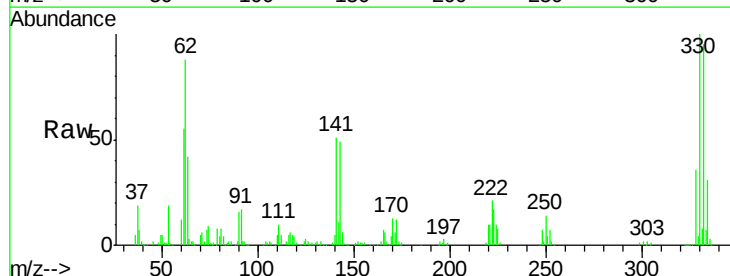


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

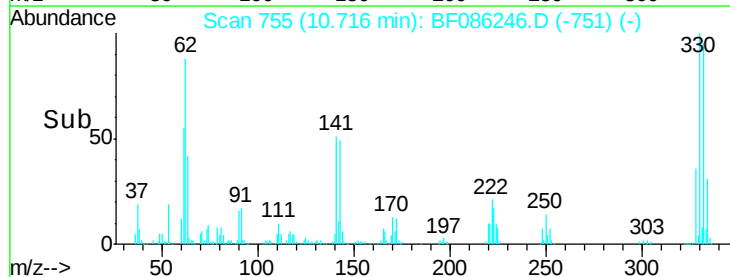
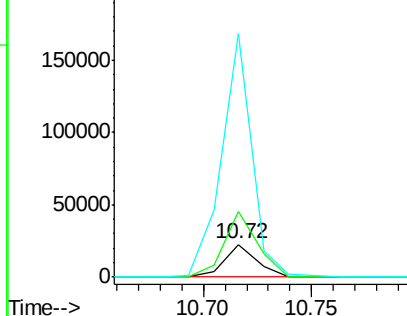


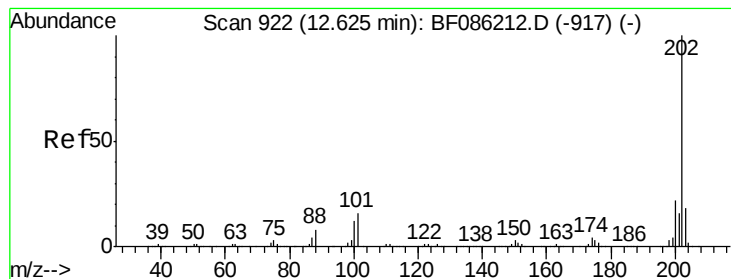
#66
 4-Bromophenyl-phenylether
 Concen: 2.82 ng
 RT: 10.72 min Scan# 755
 Delta R.T. -0.25 min
 Lab File: BF086246.D
 Acq: 16 Apr 2016 6:04

Tgt Ion:248 Resp: 23438
 Ion Ratio Lower Upper
 248 100
 250 199.0 78.6 118.0#
 141 744.6 57.9 86.9#



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: Below Cal

RT: 12.61 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF086246.D

Acq: 16 Apr 2016 6:04

Instrument :

BNA_F

ClientSampleId :

PB89866BL

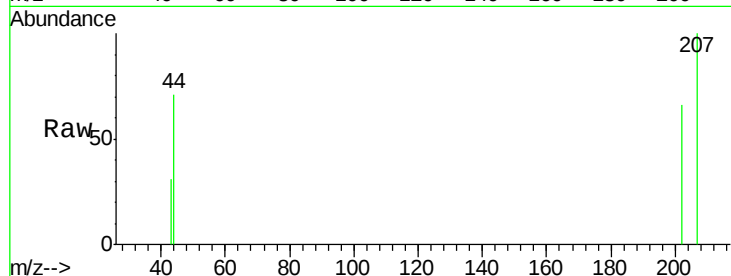
Tgt Ion: 202 Resp: 812

Ion Ratio Lower Upper

202 100

101 0.0 0.0 35.2

203 0.0 0.0 38.2



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

12.61

600

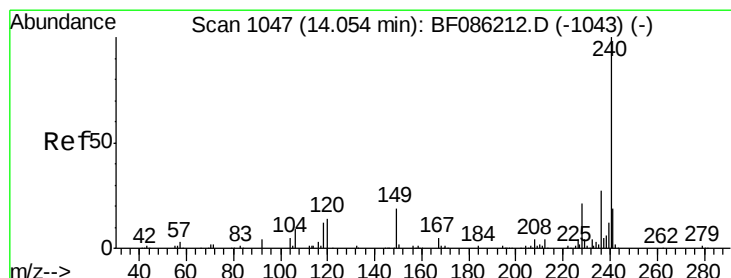
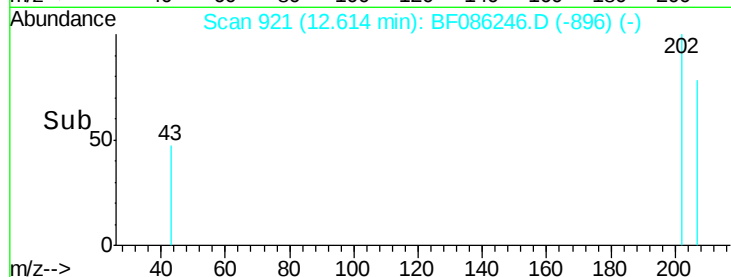
400

200

0

12.60 12.65

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF086246.D

Acq: 16 Apr 2016 6:04

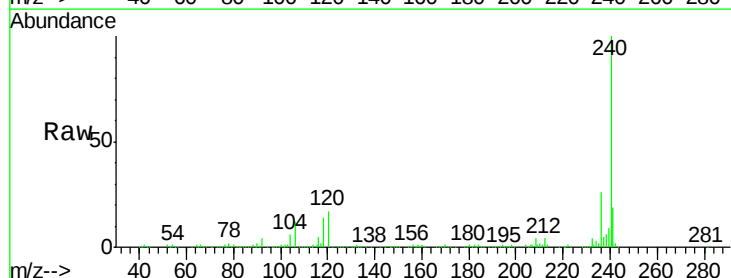
Tgt Ion: 240 Resp: 532164

Ion Ratio Lower Upper

240 100

120 16.9 9.3 13.9#

236 26.2 21.1 31.7



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

14.04

600000

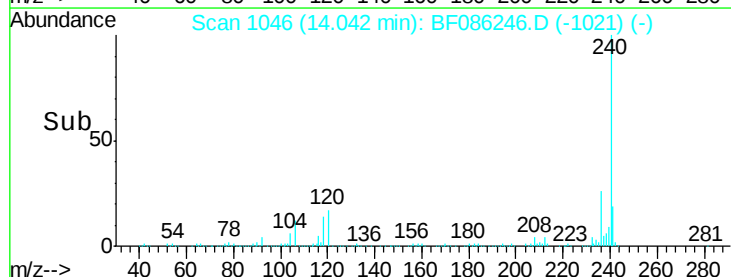
400000

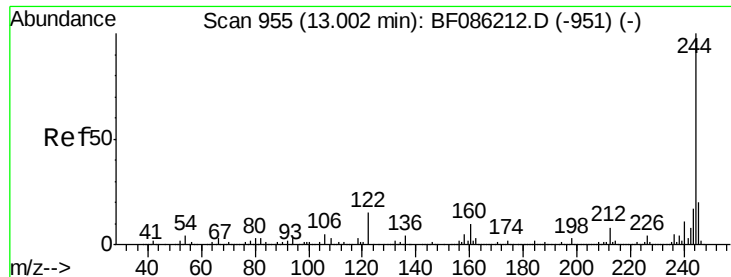
200000

0

14.00 14.20

Time-->

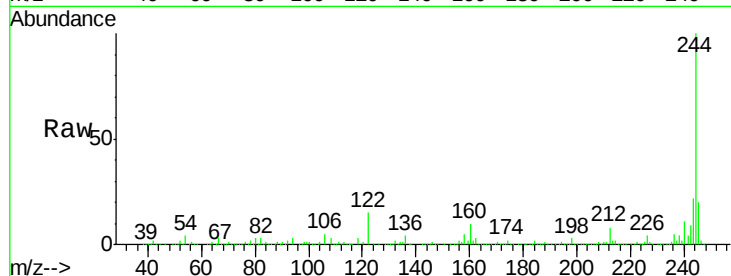




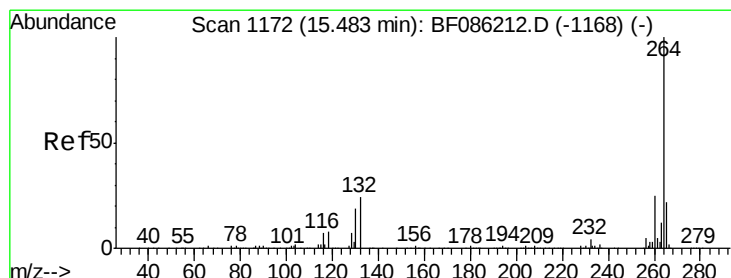
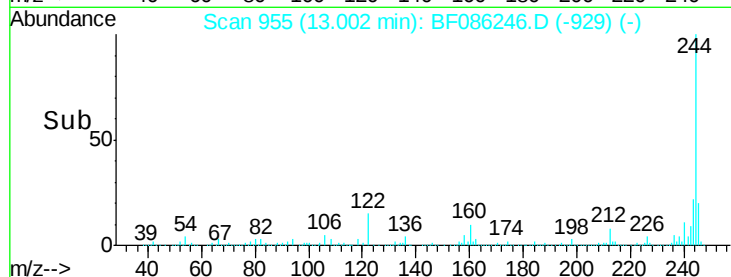
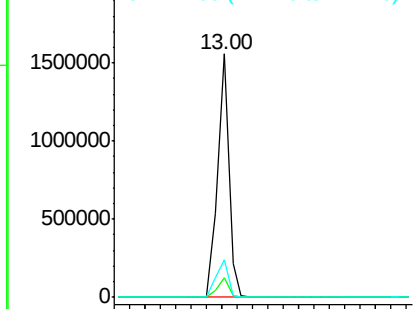
#78
 Terphenyl-d14
 Concen: 75.86 ng
 RT: 13.00 min Scan# 955
 Delta R.T. 0.00 min
 Lab File: BF086246.D
 Acq: 16 Apr 2016 6:04

Instrument :
 BNA_F
 ClientSampleId :
 PB89866BL

Tgt Ion:244 Resp: 1605438
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.4 9.6
 122 15.4 11.7 17.5

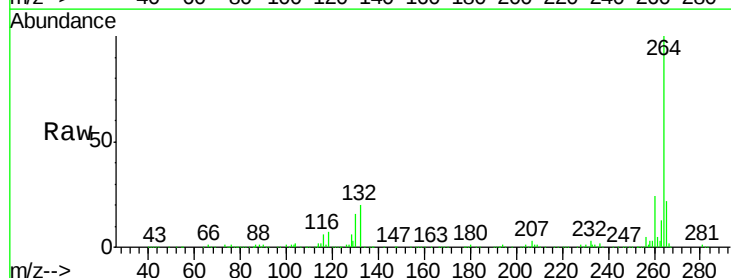


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BF086246.D
 Acq: 16 Apr 2016 6:04

Tgt Ion:264 Resp: 439128
 Ion Ratio Lower Upper
 264 100
 260 24.3 20.0 30.0
 265 21.7 17.4 26.0



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

