

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041516\
 Data File : BF086266.D
 Acq On : 16 Apr 2016 15:21
 Operator : UM/SJ
 Sample : H2471-14
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-1

Quant Time: Apr 18 04:11:27 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	269227	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1122726	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	477830	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	858423	20.00	ng	0.00
75) Chrysene-d12	14.04	240	502461	20.00	ng	-0.01
86) Perylene-d12	15.48	264	478926	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	987031	60.07	ng	0.00
7) Phenol-d6	6.51	99	820983	39.94	ng	-0.01
23) Nitrobenzene-d5	7.46	82	1746598	89.73	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	487678	127.10	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	2559292	98.83	ng	-0.01
78) Terphenyl-d14	13.00	244	1736386	86.90	ng	0.00

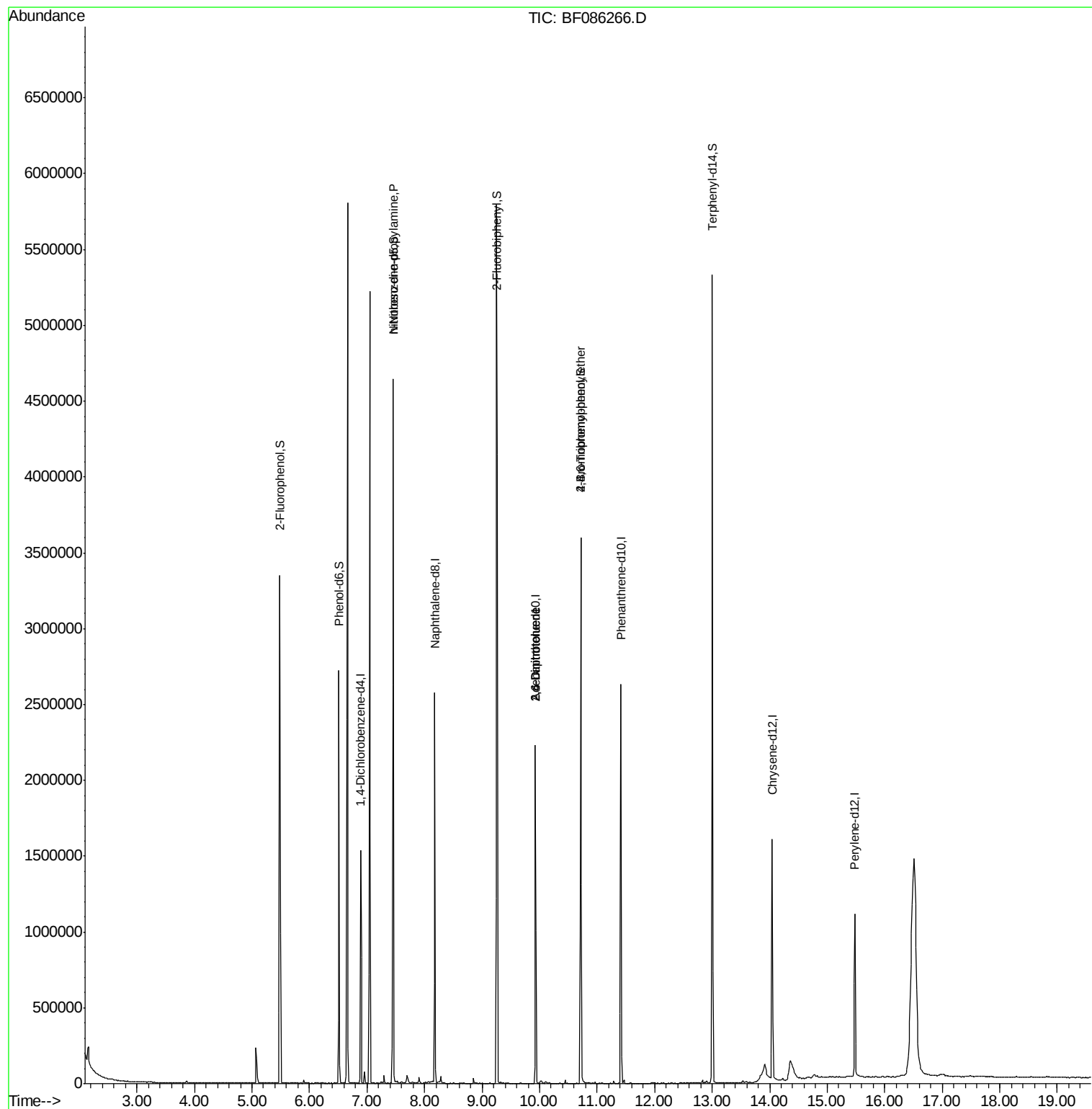
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.46	70	246371	18.73	ng	# 80
22) Acetophenone	7.30	105	13570	Below	Cal	# 93
50) 2,6-Dinitrotoluene	9.93	165	63014	8.20	ng	# 32
56) 2,4-Dinitrotoluene	9.93	165	63017	6.40	ng	# 31
57) Fluorene	10.72	166	22684	Below	Cal	# 91
66) 4-Bromophenyl-phenylether	10.72	248	29021	3.63	ng	# 1
71) Anthracene	11.44	178	904	Below	Cal	# 59
74) Fluoranthene	12.61	202	678	Below	Cal	# 61

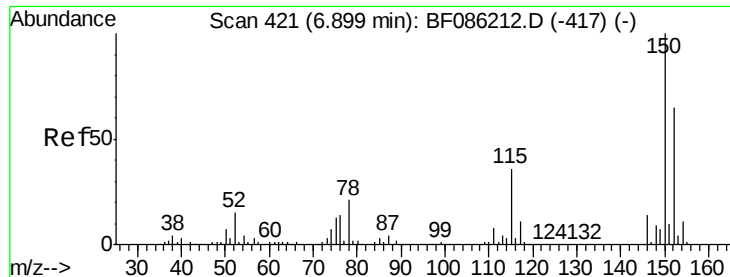
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF086266.D

Acq: 16 Apr 2016 15:21

Instrument :

BNA_F

ClientSampleId :

FB-1

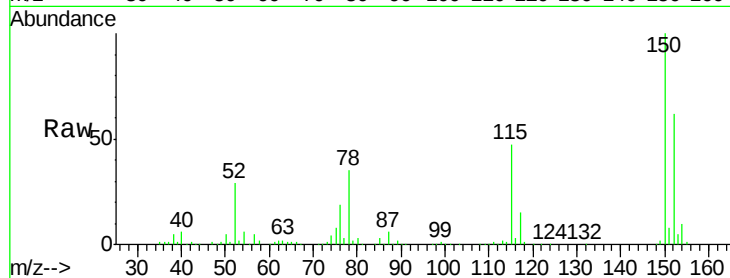
Tgt Ion:152 Resp: 269227

Ion Ratio Lower Upper

152 100

150 160.5 124.1 186.1

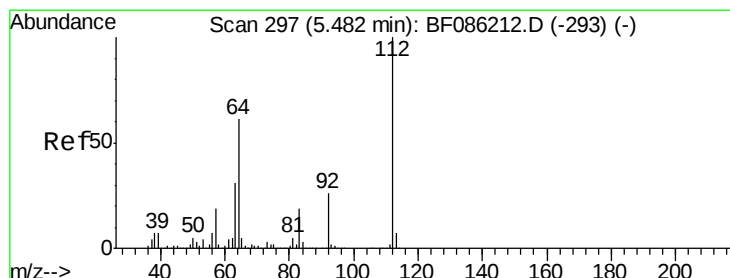
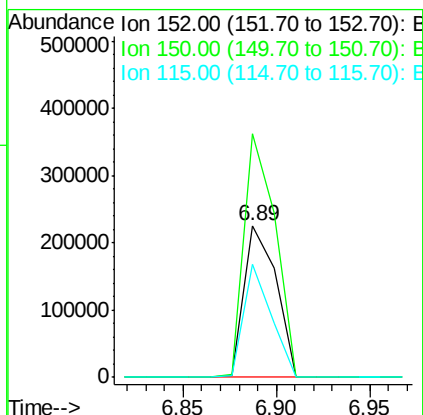
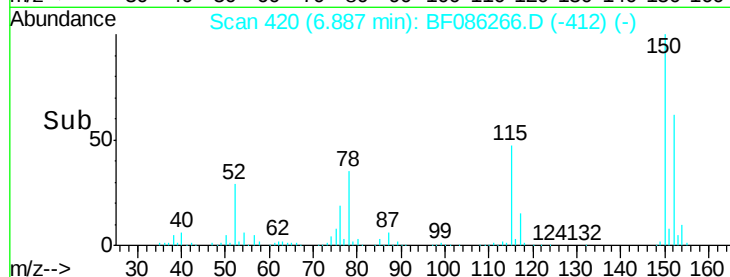
115 74.8 43.9 65.9#



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: 60.07 ng

RT: 5.48 min Scan# 297

Delta R.T. 0.00 min

Lab File: BF086266.D

Acq: 16 Apr 2016 15:21

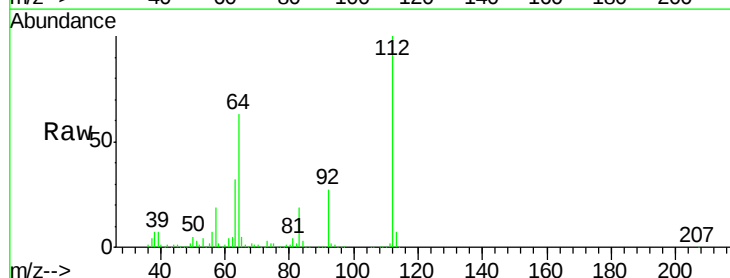
Tgt Ion:112 Resp: 987031

Ion Ratio Lower Upper

112 100

64 63.1 48.1 72.1

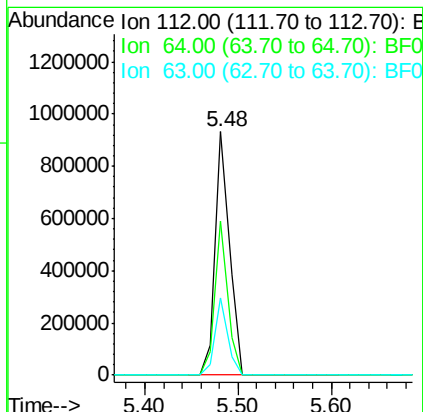
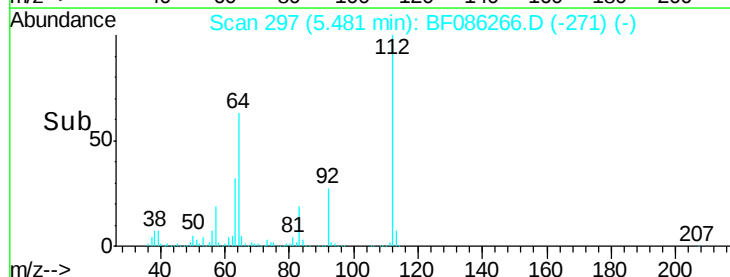
63 31.9 25.5 38.3

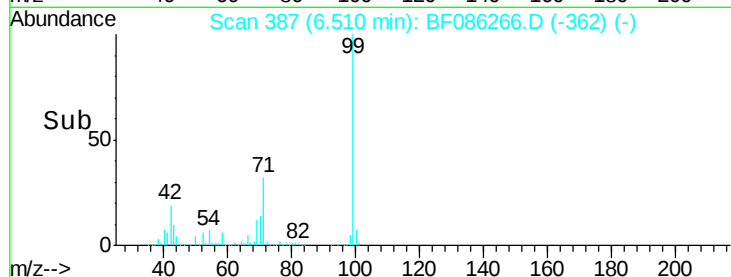
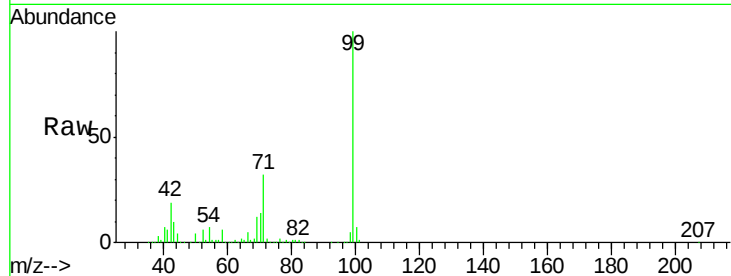
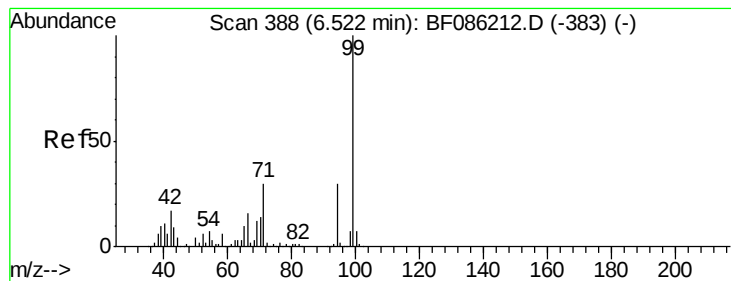


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 39.94 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF086266.D

Acq: 16 Apr 2016 15:21

Instrument :

BNA_F

ClientSampleId :

FB-1

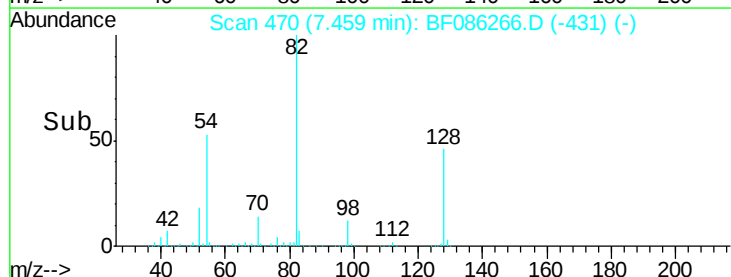
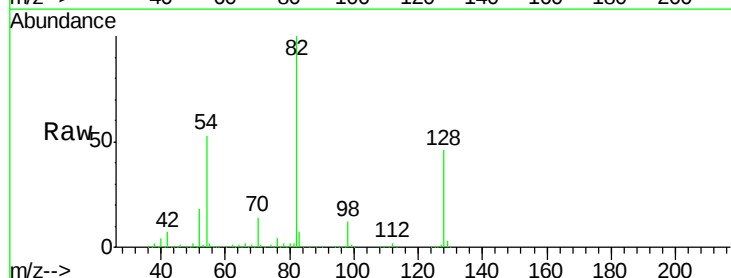
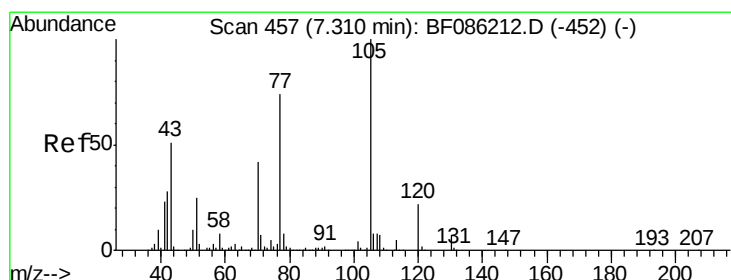
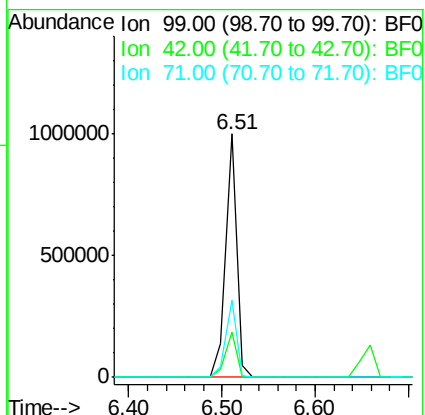
Tgt Ion: 99 Resp: 820983

Ion Ratio Lower Upper

99 100

42 18.7 15.4 23.2

71 31.6 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 18.73 ng

RT: 7.46 min Scan# 470

Delta R.T. 0.15 min

Lab File: BF086266.D

Acq: 16 Apr 2016 15:21

Tgt Ion: 70 Resp: 246371

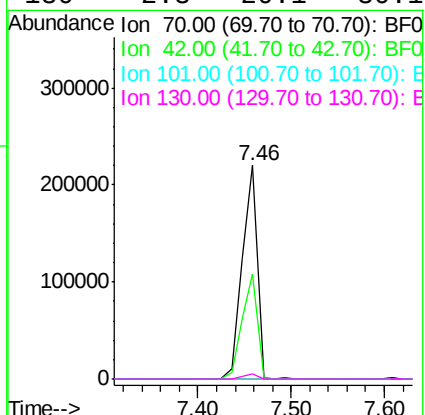
Ion Ratio Lower Upper

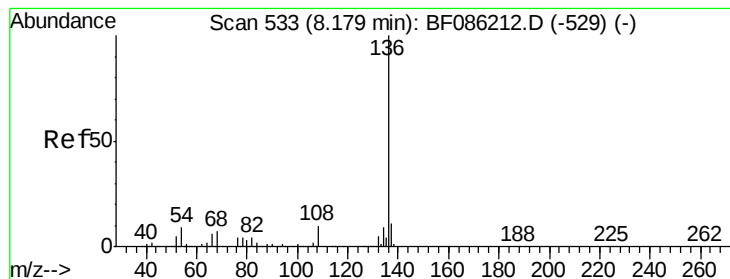
70 100

42 49.4 43.0 64.4

101 0.0 8.1 12.1#

130 2.3 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: BF086266.D

Acq: 16 Apr 2016 15:21

Instrument :

BNA_F

ClientSampleId :

FB-1

Tgt Ion: 136 Resp: 1122726

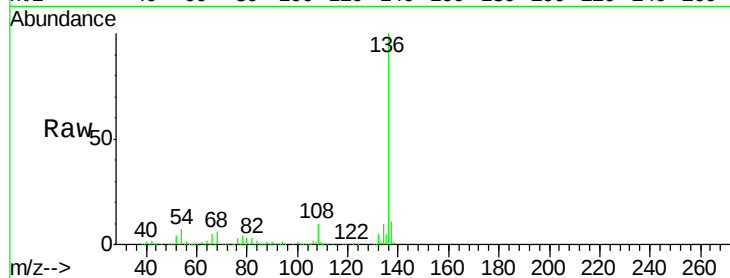
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 7.4 7.3 10.9

68 6.3 5.7 8.5

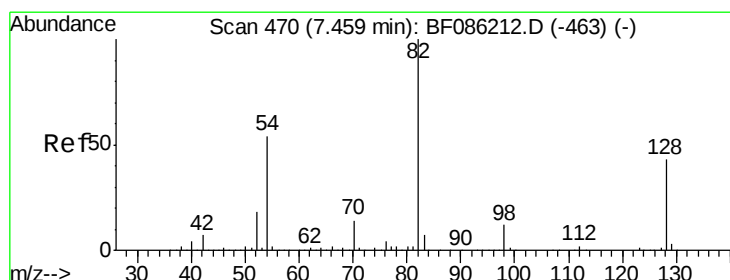
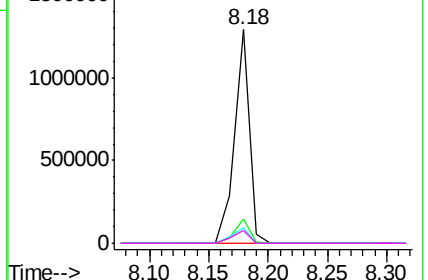
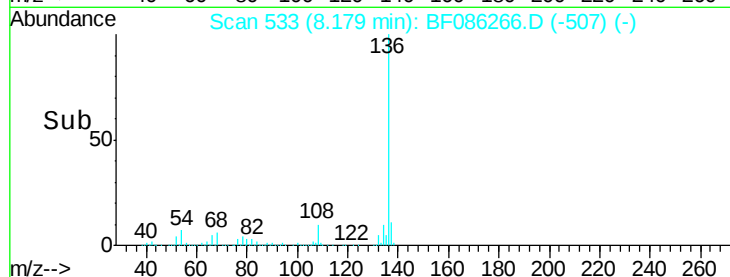


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 89.73 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.00 min

Lab File: BF086266.D

Acq: 16 Apr 2016 15:21

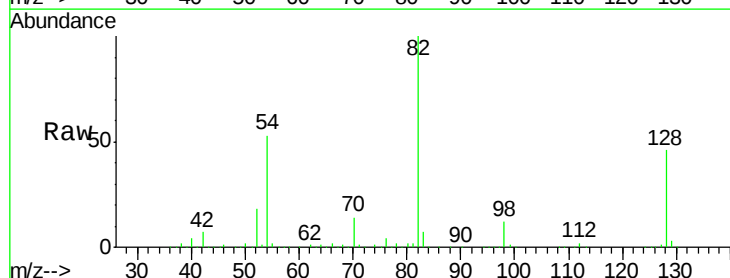
Tgt Ion: 82 Resp: 1746598

Ion Ratio Lower Upper

82 100

128 46.2 35.4 53.2

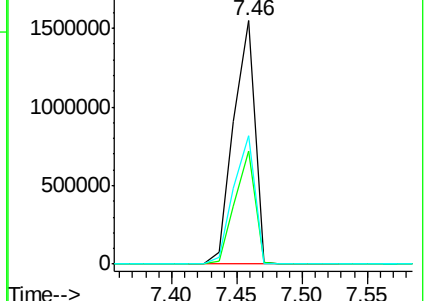
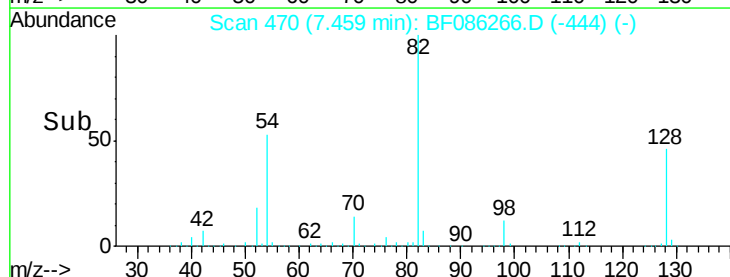
54 52.5 43.4 65.0

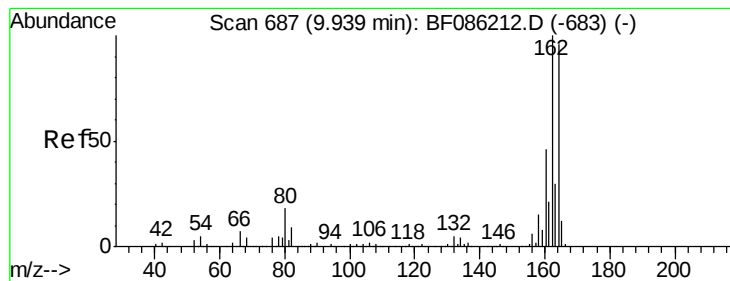


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.01 min

Lab File: BF086266.D

Acq: 16 Apr 2016 15:21

Instrument :

BNA_F

ClientSampleId :

FB-1

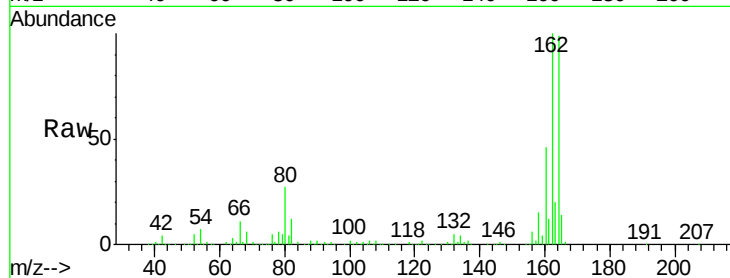
Tgt Ion:164 Resp: 477830

Ion Ratio Lower Upper

164 100

162 101.1 82.8 124.2

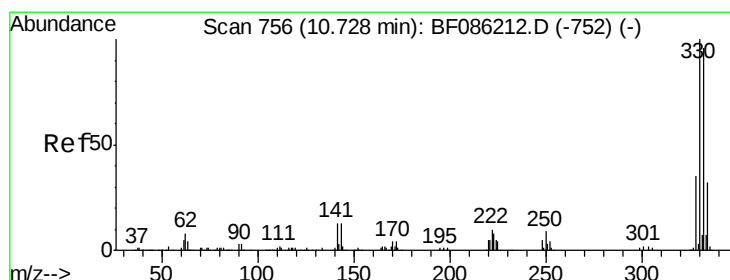
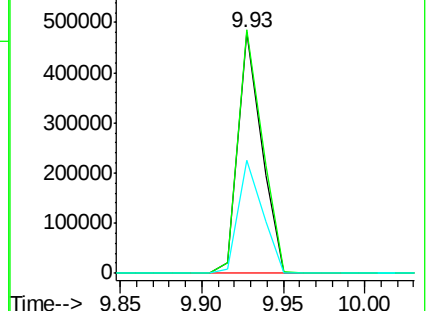
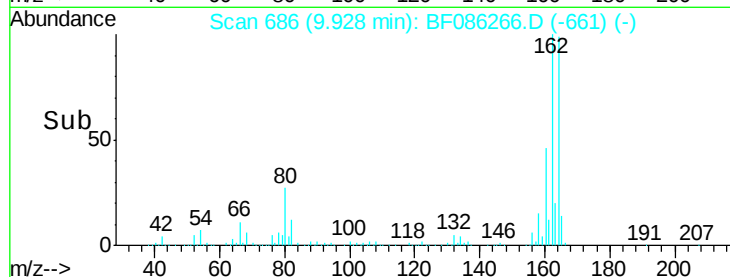
160 46.8 38.9 58.3



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: 127.10 ng

RT: 10.72 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF086266.D

Acq: 16 Apr 2016 15:21

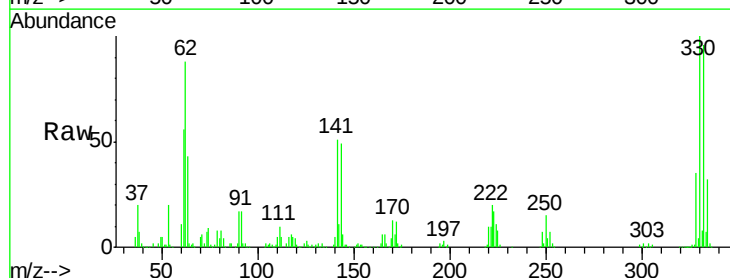
Tgt Ion:330 Resp: 487678

Ion Ratio Lower Upper

330 100

332 96.3 78.7 118.1

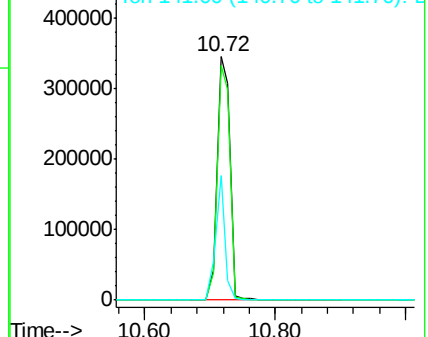
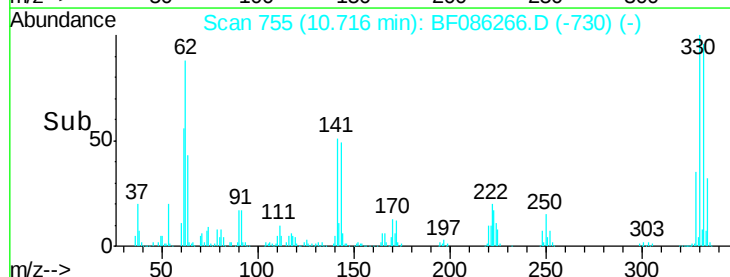
141 37.6 28.6 42.8

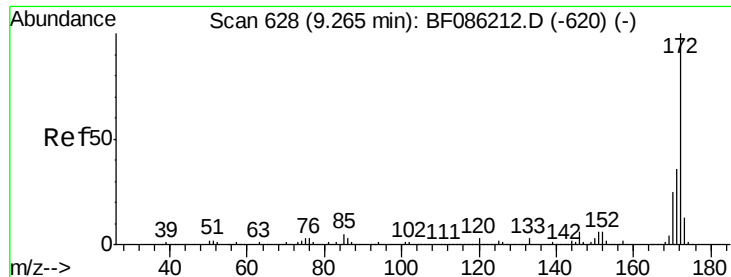


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

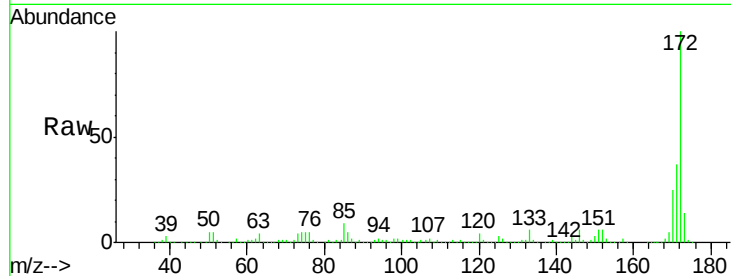




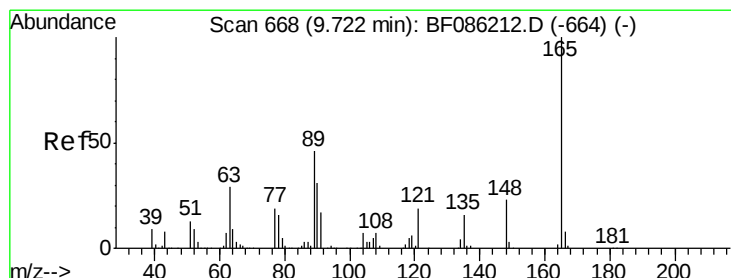
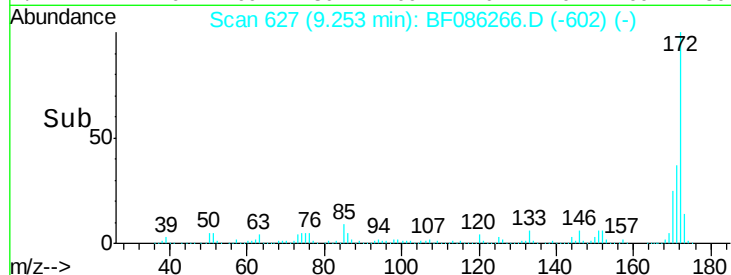
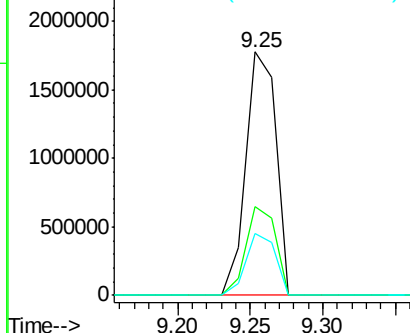
#44
 2-Fluorobiphenyl
 Concen: 98.83 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF086266.D
 Acq: 16 Apr 2016 15:21

Instrument :
 BNA_F
 ClientSampleId :
 FB-1

Tgt Ion:172 Resp: 2559292
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.1 43.7
 170 25.4 19.9 29.9

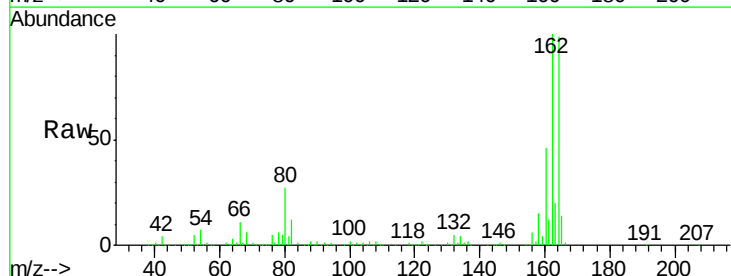


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

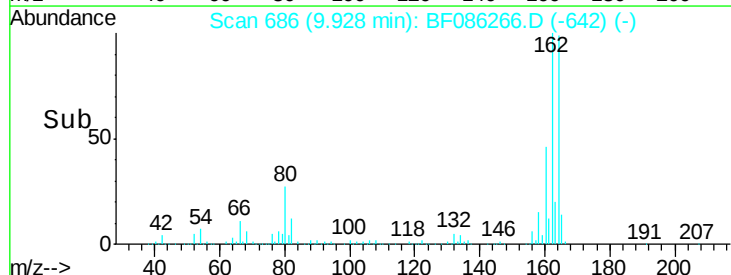
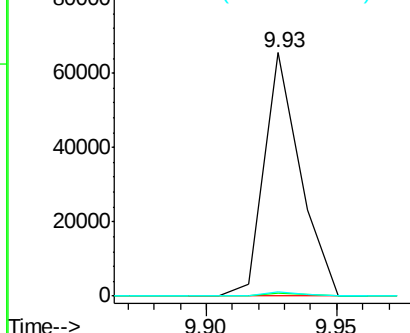


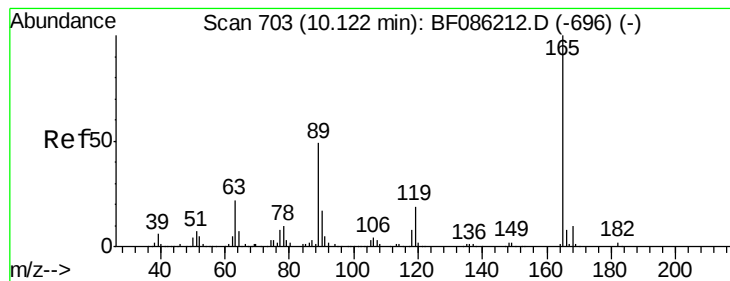
#50
 2,6-Dinitrotoluene
 Concen: 8.20 ng
 RT: 9.93 min Scan# 686
 Delta R.T. 0.21 min
 Lab File: BF086266.D
 Acq: 16 Apr 2016 15:21

Tgt Ion:165 Resp: 63014
 Ion Ratio Lower Upper
 165 100
 63 1.5 35.1 52.7#
 89 1.6 39.8 59.6#



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





#56

2,4-Dinitrotoluene

Concen: 6.40 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.19 min

Lab File: BF086266.D

Acq: 16 Apr 2016 15:21

Instrument :

BNA_F

ClientSampleId :

FB-1

Tgt Ion:165 Resp: 63017

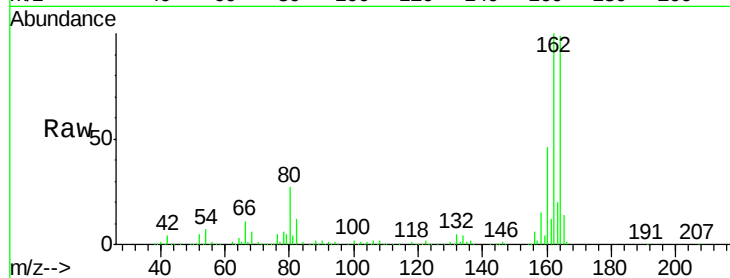
Ion Ratio Lower Upper

165 100

63 1.5 26.6 40.0#

89 1.6 49.5 74.3#

182 0.0 1.9 2.9#

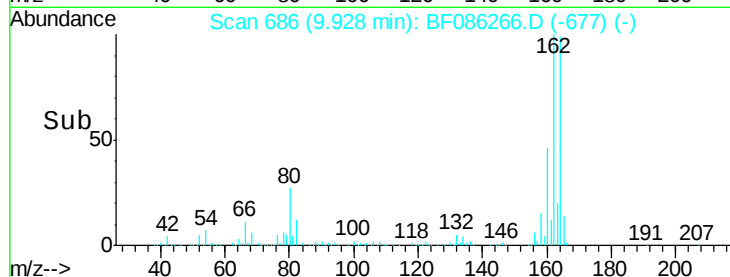


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

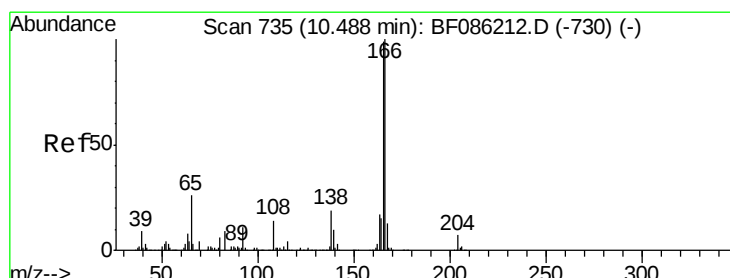
Ion 182.00 (181.70 to 182.70): E



Time-->

9.93

9.90 9.95



#57

Fluorene

Concen: Below Cal

RT: 10.72 min Scan# 755

Delta R.T. 0.23 min

Lab File: BF086266.D

Acq: 16 Apr 2016 15:21

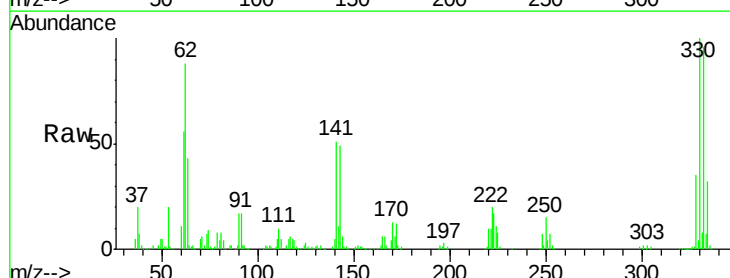
Tgt Ion:166 Resp: 22684

Ion Ratio Lower Upper

166 100

165 100.3 78.6 117.8

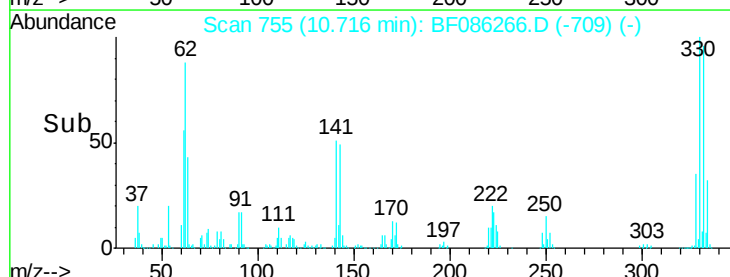
167 36.1 10.4 15.6#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

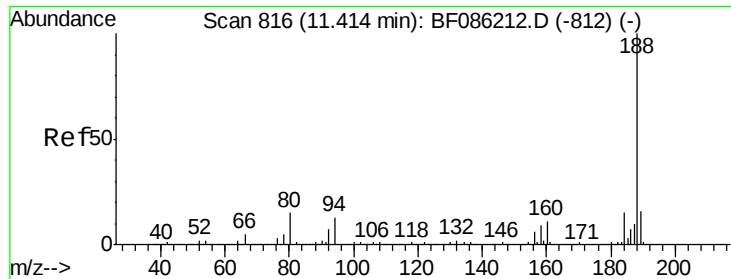
Ion 167.00 (166.70 to 167.70): E



Time-->

10.72

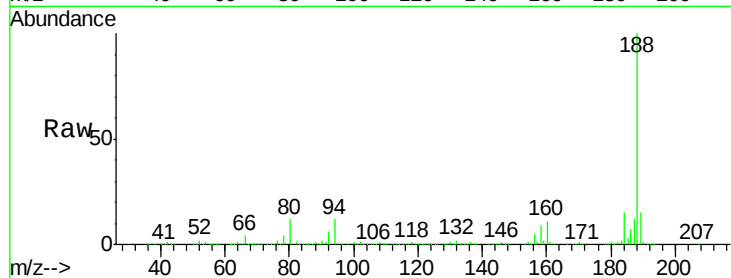
10.70 10.75



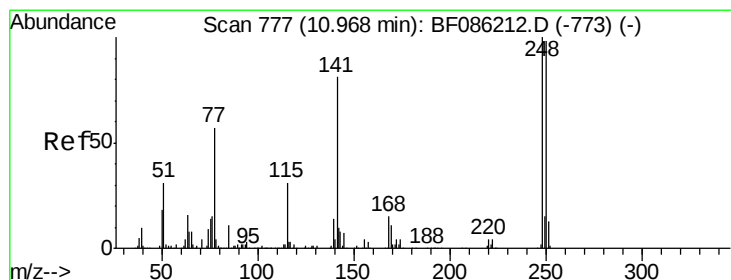
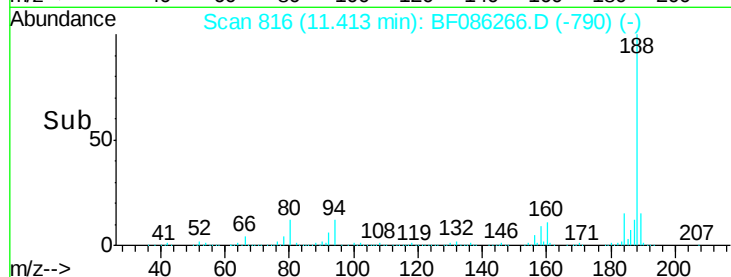
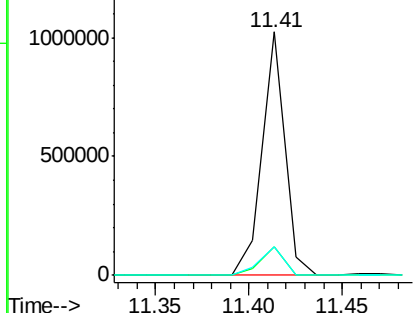
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF086266.D
Acq: 16 Apr 2016 15:21

Instrument :
BNA_F
ClientSampleId :
FB-1

Tgt Ion:188 Resp: 858423
Ion Ratio Lower Upper
188 100
94 11.6 9.8 14.8
80 11.8 10.5 15.7

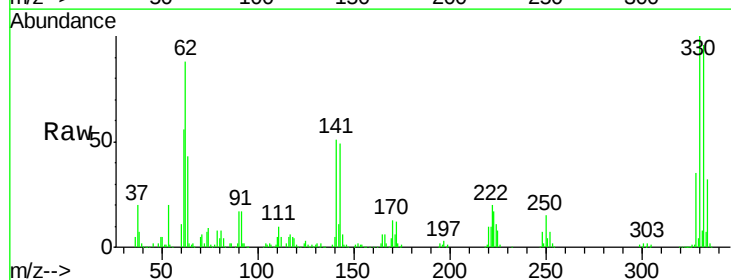


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

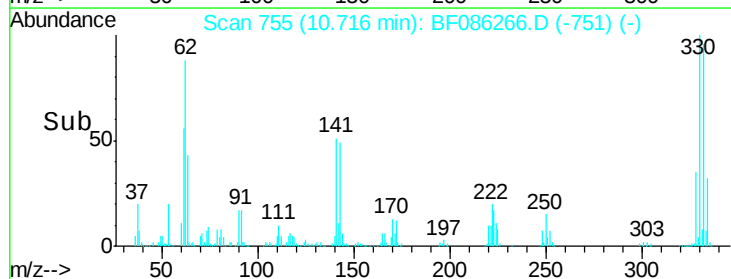
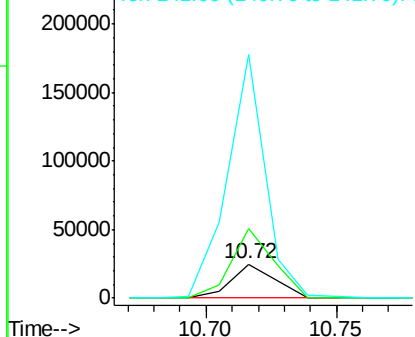


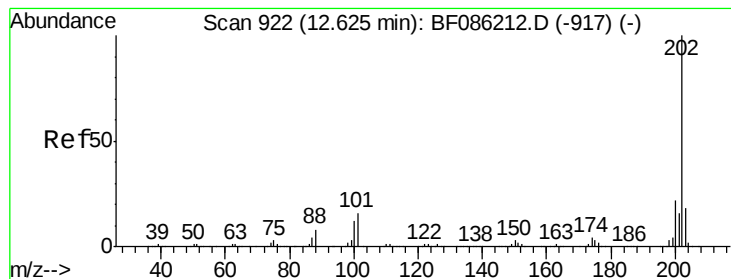
#66
4-Bromophenyl-phenylether
Concen: 3.63 ng
RT: 10.72 min Scan# 755
Delta R.T. -0.25 min
Lab File: BF086266.D
Acq: 16 Apr 2016 15:21

Tgt Ion:248 Resp: 29021
Ion Ratio Lower Upper
248 100
250 205.4 78.6 118.0#
141 718.2 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: BF086266.D

Acq: 16 Apr 2016 15:21

Instrument :

BNA_F

ClientSampleId :

FB-1

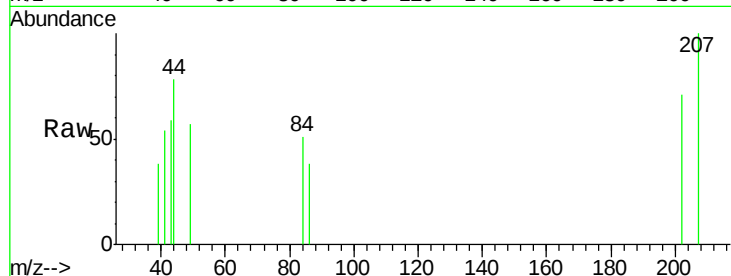
Tgt Ion:202 Resp: 678

Ion Ratio Lower Upper

202 100

101 0.0 0.0 35.2

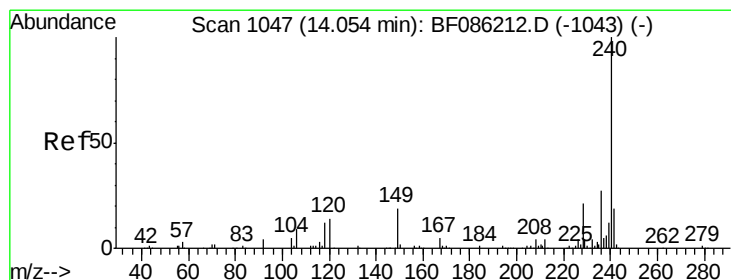
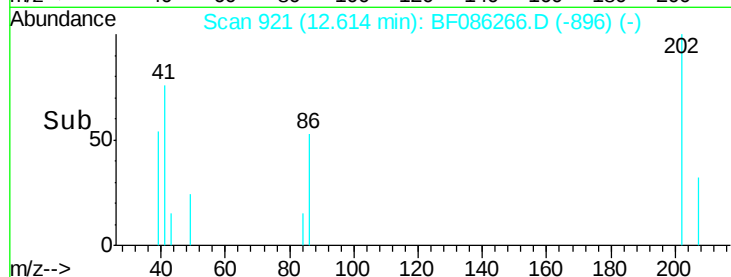
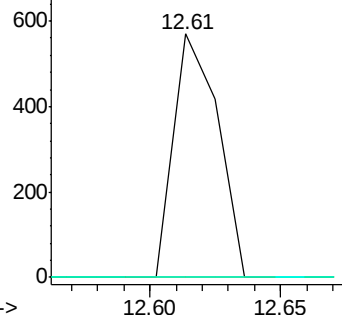
203 0.0 0.0 38.2



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF086266.D

Acq: 16 Apr 2016 15:21

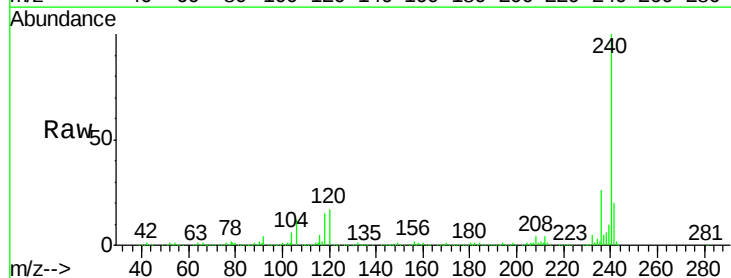
Tgt Ion:240 Resp: 502461

Ion Ratio Lower Upper

240 100

120 16.9 9.3 13.9#

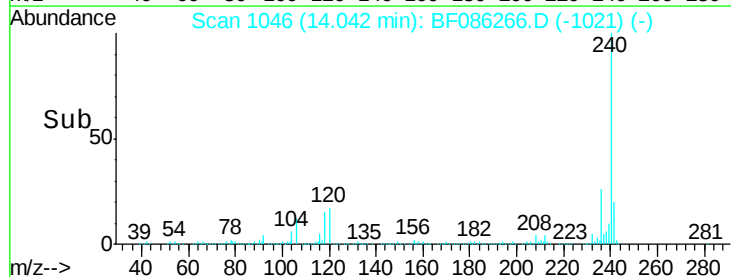
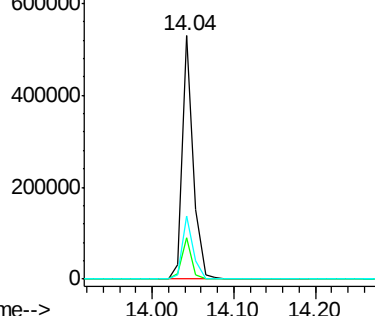
236 26.2 21.1 31.7

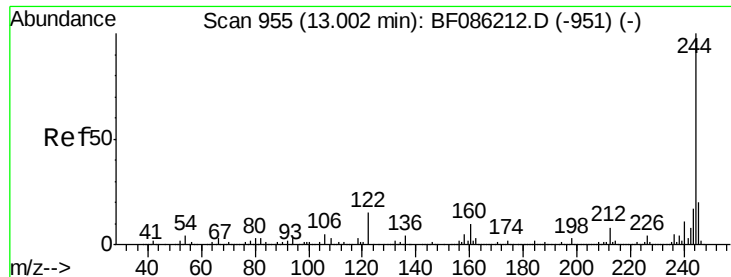


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

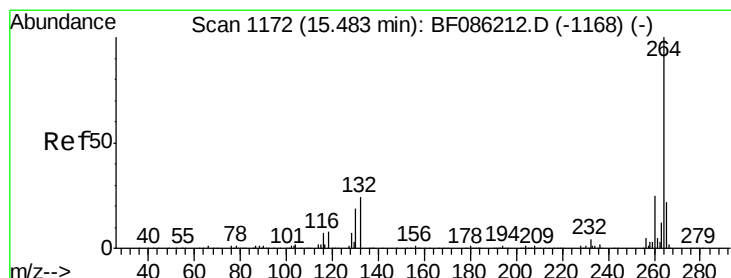
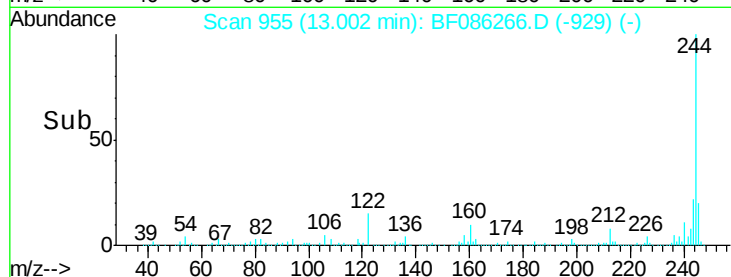
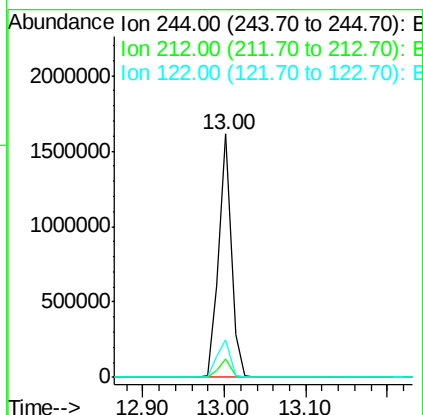
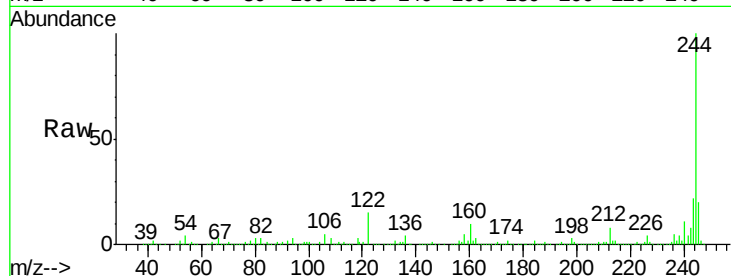




#78
 Terphenyl-d14
 Concen: 86.90 ng
 RT: 13.00 min Scan# 955
 Delta R.T. 0.00 min
 Lab File: BF086266.D
 Acq: 16 Apr 2016 15:21

Instrument :
 BNA_F
 ClientSampleId :
 FB-1

Tgt Ion:244 Resp: 1736386
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.4 9.6
 122 15.3 11.7 17.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BF086266.D
 Acq: 16 Apr 2016 15:21

Tgt Ion:264 Resp: 478926
 Ion Ratio Lower Upper
 264 100
 260 24.5 20.0 30.0
 265 22.0 17.4 26.0

