

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050216\
 Data File : BF086630.D
 Acq On : 2 May 2016 21:18
 Operator : UM/SJ
 Sample : H2716-17
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2-CS-3(0-10FTBGS)

Quant Time: May 03 01:18:52 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

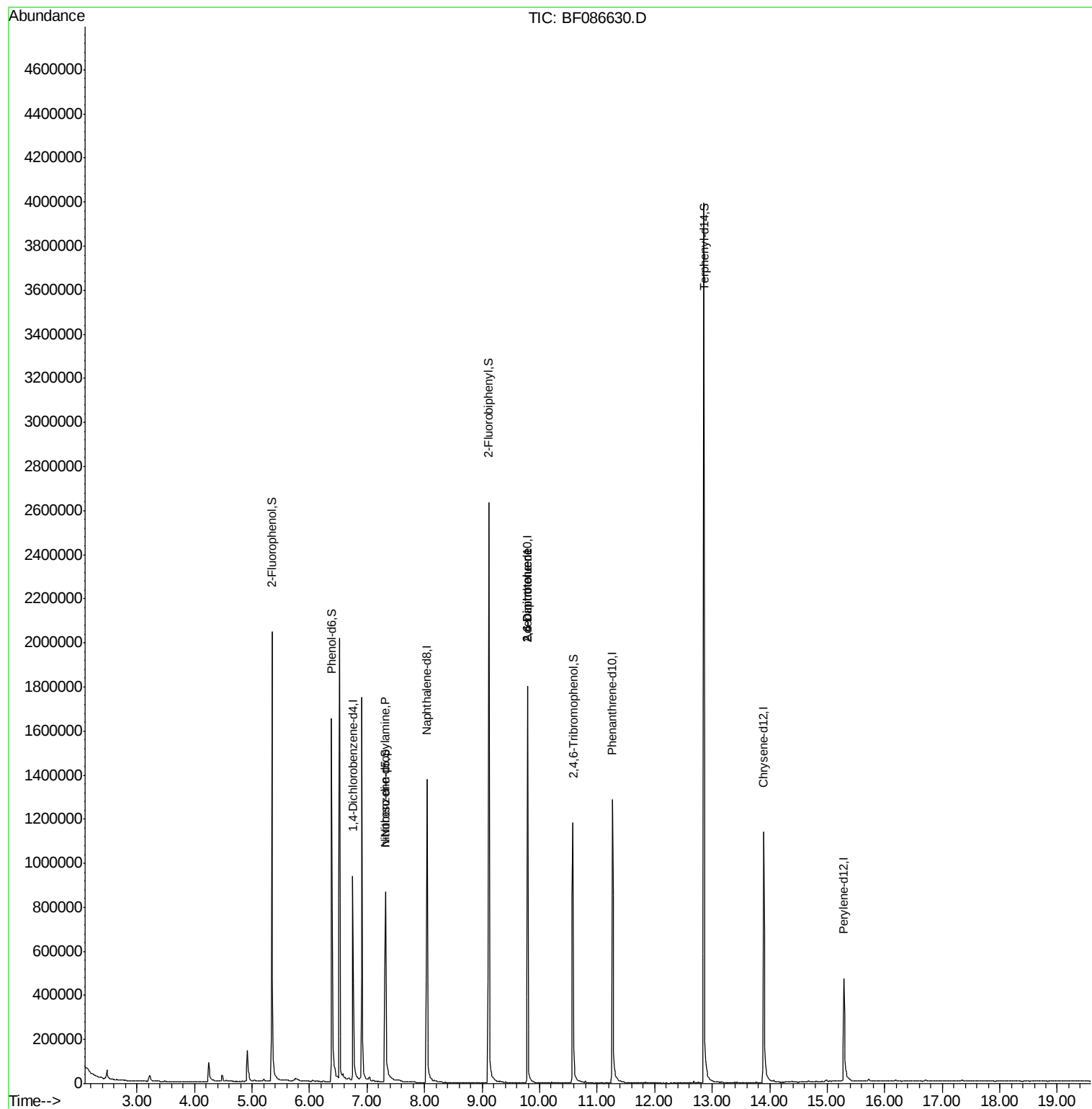
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	169717	20.00	ng	-0.06
21) Naphthalene-d8	8.04	136	744388	20.00	ng	-0.06
38) Acenaphthene-d10	9.79	164	364328	20.00	ng	-0.06
63) Phenanthrene-d10	11.26	188	696048	20.00	ng	-0.06
75) Chrysene-d12	13.89	240	576996	20.00	ng	-0.07
86) Perylene-d12	15.29	264	169479	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	528292	53.69	ng	-0.04
7) Phenol-d6	6.38	99	692600	50.43	ng	-0.06
23) Nitrobenzene-d5	7.32	82	432894	31.35	ng	-0.06
41) 2,4,6-Tribromophenol	10.58	330	197972	51.53	ng	-0.06
44) 2-Fluorobiphenyl	9.12	172	881938	35.43	ng	-0.06
78) Terphenyl-d14	12.85	244	1431060	54.64	ng	-0.06
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.32	70	56117	6.18	ng	# 79
50) 2,6-Dinitrotoluene	9.79	165	44701	7.89	ng	# 21
56) 2,4-Dinitrotoluene	9.79	165	44931	6.22	ng	# 16

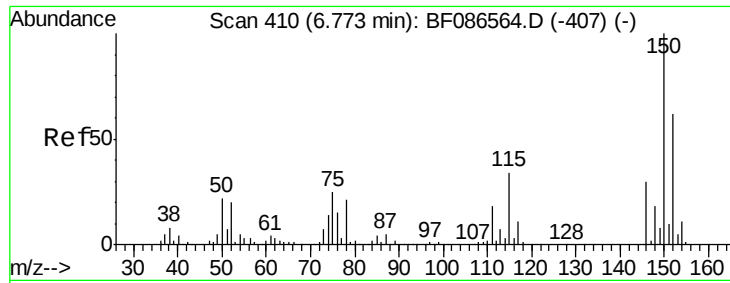
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.06 min

Lab File: BF086630.D

Acq: 2 May 2016 21:18

Instrument :

BNA_F

ClientSampleId :

26WARD-2-CS-3(0-10FTBGS)

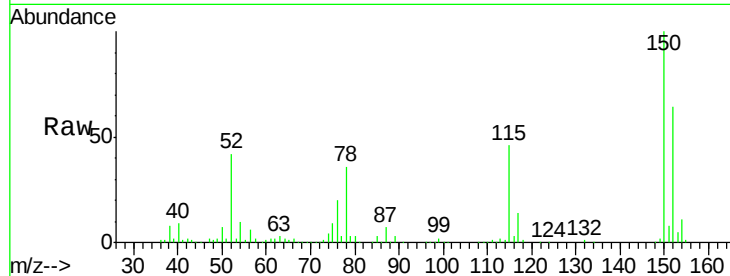
Tgt Ion:152 Resp: 169717

Ion Ratio Lower Upper

152 100

150 156.3 125.8 188.6

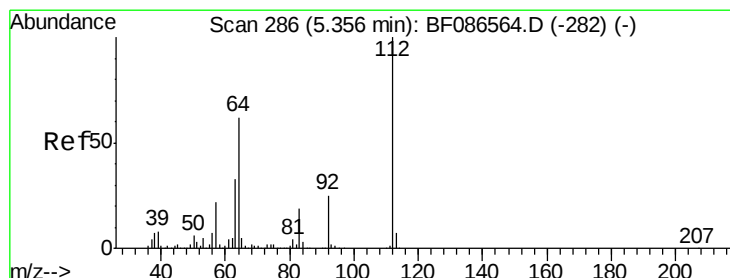
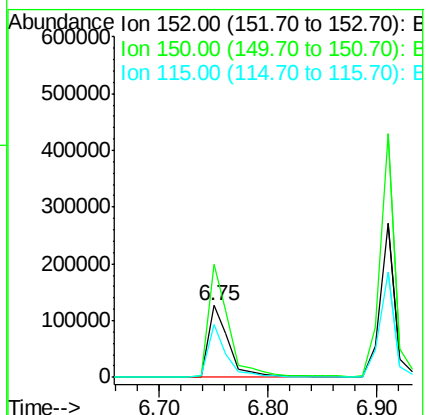
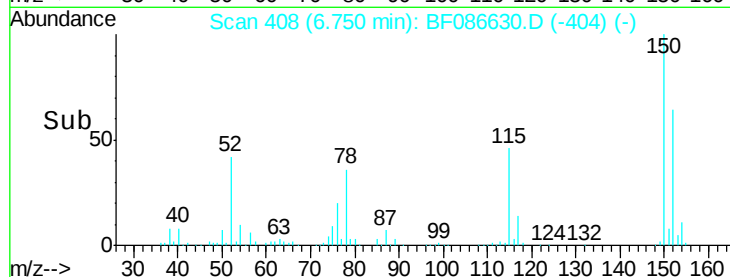
115 72.7 51.5 77.3



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: 53.69 ng

RT: 5.34 min Scan# 285

Delta R.T. -0.04 min

Lab File: BF086630.D

Acq: 2 May 2016 21:18

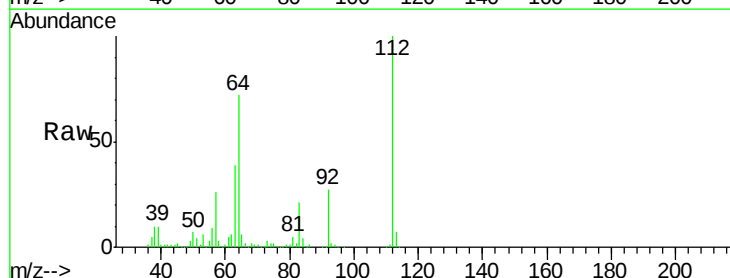
Tgt Ion:112 Resp: 528292

Ion Ratio Lower Upper

112 100

64 72.4 52.1 78.1

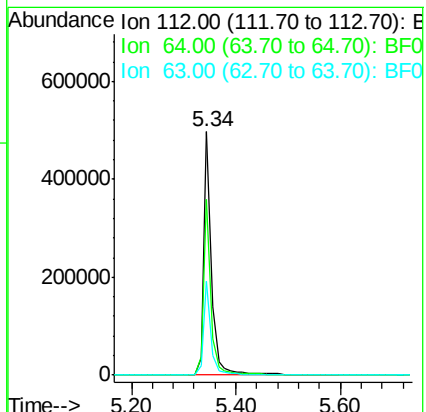
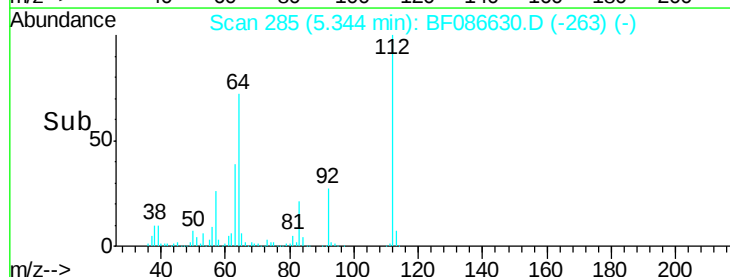
63 38.6 25.7 38.5#

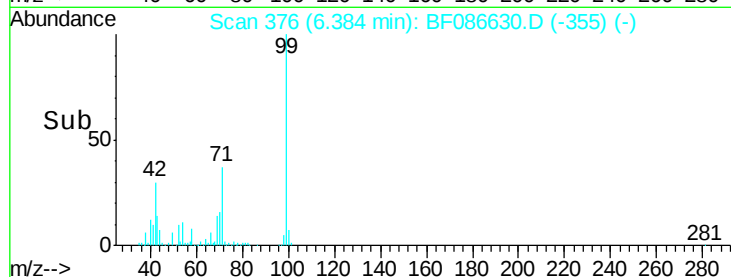
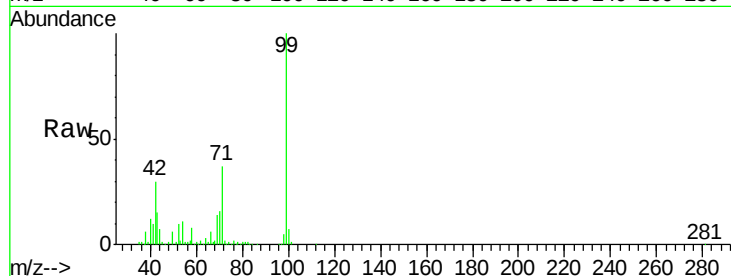
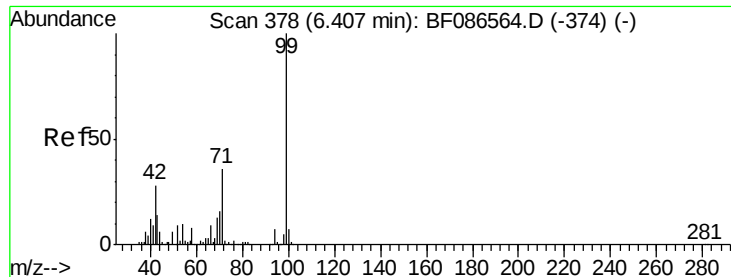


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 50.43 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.06 min

Lab File: BF086630.D

Acq: 2 May 2016 21:18

Instrument :

BNA_F

ClientSampleId :

26WARD-2-CS-3(0-10FTBGS)

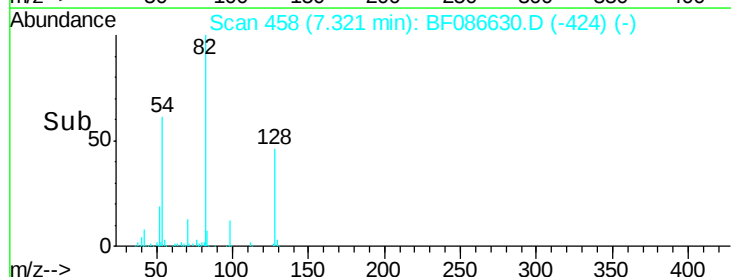
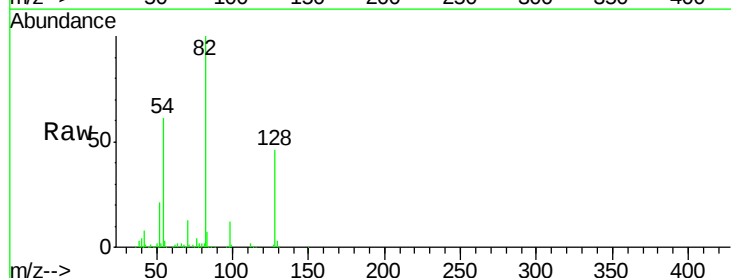
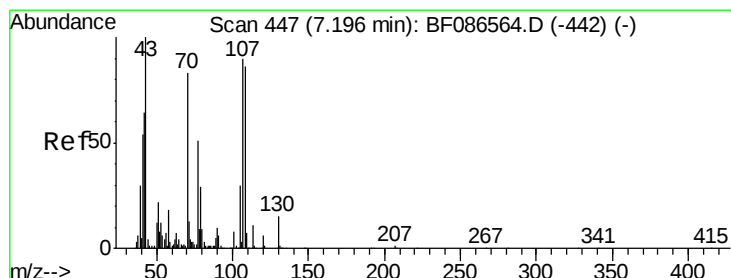
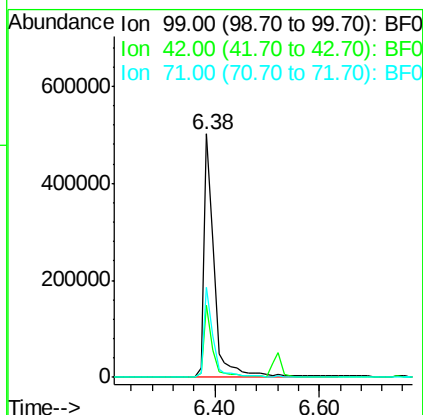
Tgt Ion: 99 Resp: 692600

Ion Ratio Lower Upper

99 100

42 29.8 13.6 20.4#

71 37.2 24.6 36.8#



#19

n-Nitroso-di-n-propylamine

Concen: 6.18 ng

RT: 7.32 min Scan# 458

Delta R.T. 0.09 min

Lab File: BF086630.D

Acq: 2 May 2016 21:18

Tgt Ion: 70 Resp: 56117

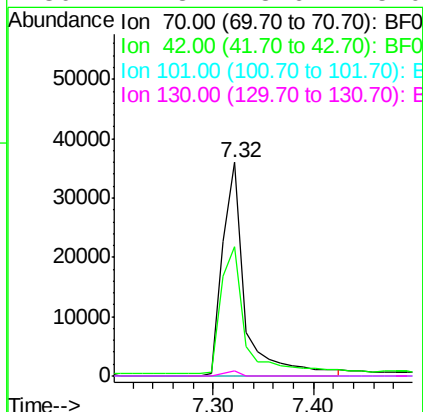
Ion Ratio Lower Upper

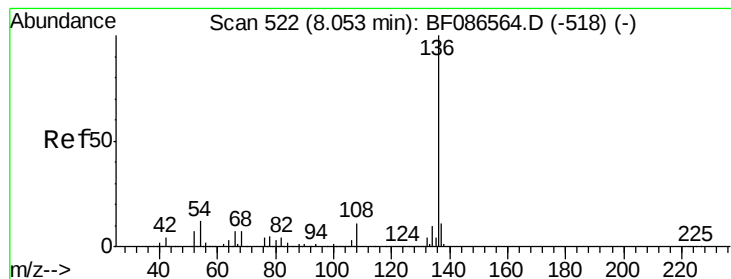
70 100

42 60.8 43.1 64.7

101 0.0 8.1 12.1#

130 2.3 18.6 28.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.06 min

Lab File: BF086630.D

Acq: 2 May 2016 21:18

Instrument :

BNA_F

ClientSampleId :

26WARD-2-CS-3(0-10FTBGS)

Tgt Ion:136 Resp: 744388

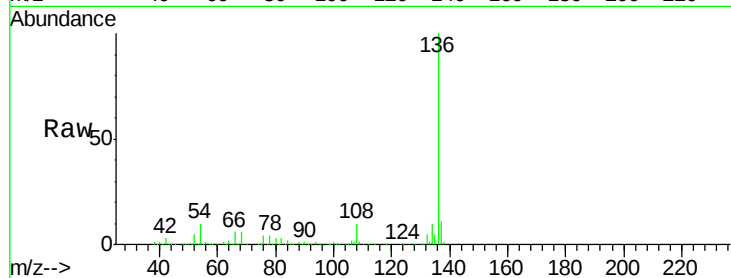
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 10.1 5.0 7.4#

68 6.1 4.4 6.6

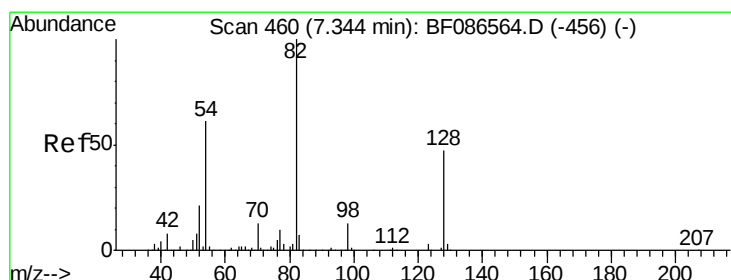
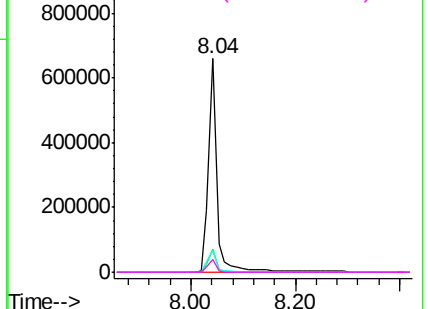
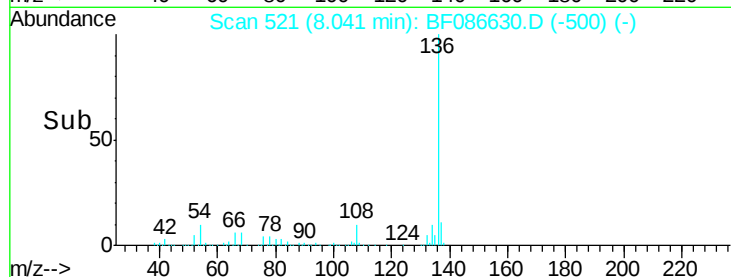


Abundance Ion 136.00 (135.70 to 136.70): E

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: 31.35 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.06 min

Lab File: BF086630.D

Acq: 2 May 2016 21:18

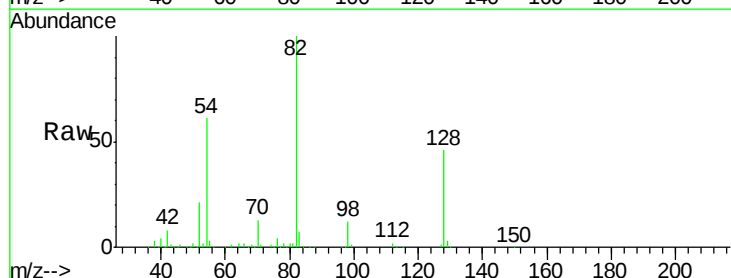
Tgt Ion: 82 Resp: 432894

Ion Ratio Lower Upper

82 100

128 45.8 40.6 61.0

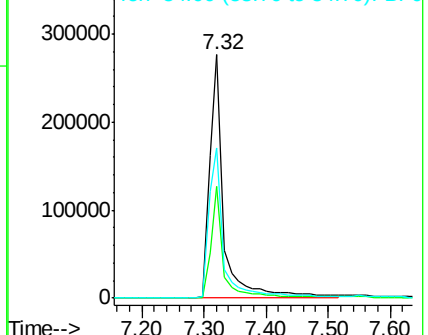
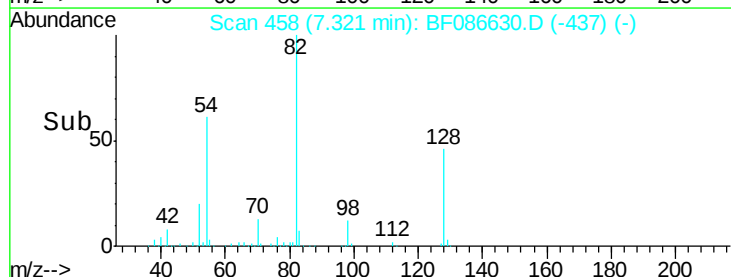
54 61.5 38.1 57.1#

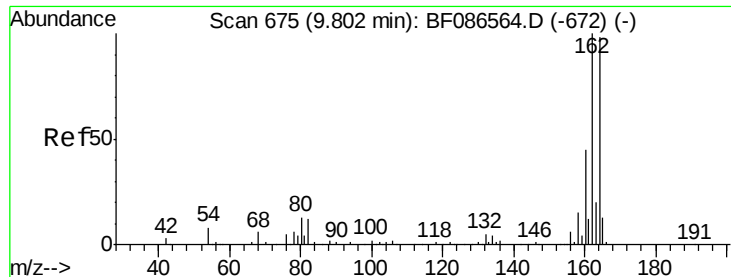


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.79 min Scan# 674

Delta R.T. -0.06 min

Lab File: BF086630.D

Acq: 2 May 2016 21:18

Instrument :

BNA_F

ClientSampleId :

26WARD-2-CS-3(0-10FTBGS)

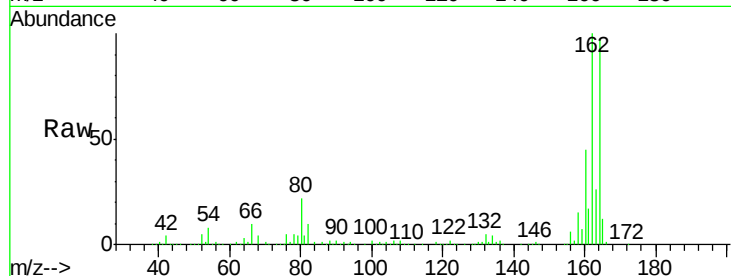
Tgt Ion:164 Resp: 364328

Ion Ratio Lower Upper

164 100

162 103.2 82.8 124.2

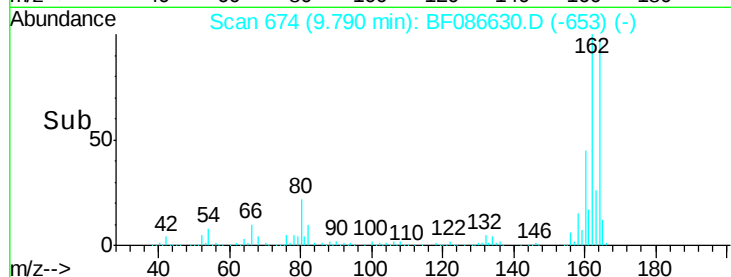
160 46.8 36.9 55.3



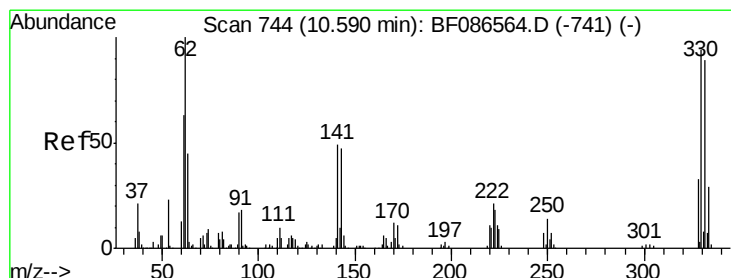
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->



#41

2,4,6-Tribromophenol

Concen: 51.53 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.06 min

Lab File: BF086630.D

Acq: 2 May 2016 21:18

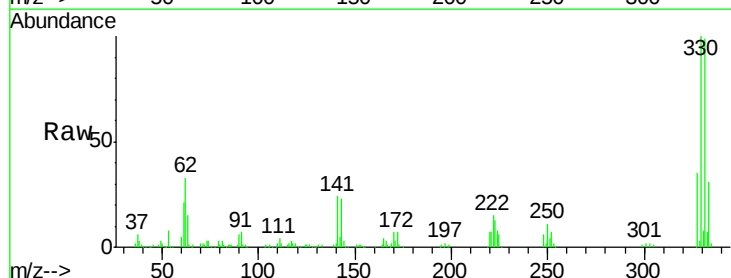
Tgt Ion:330 Resp: 197972

Ion Ratio Lower Upper

330 100

332 97.8 79.0 118.4

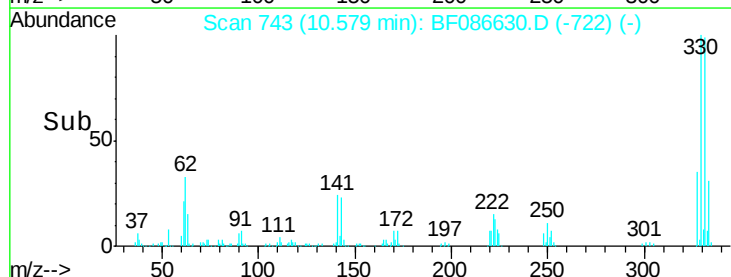
141 36.2 31.2 46.8



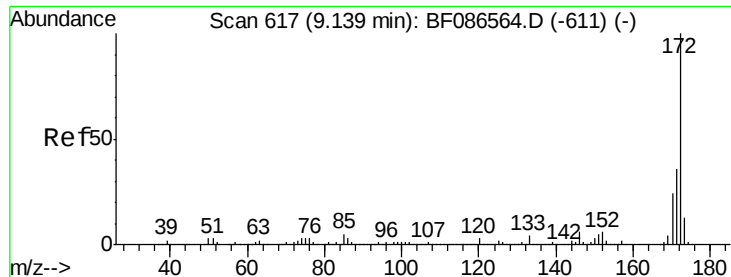
Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



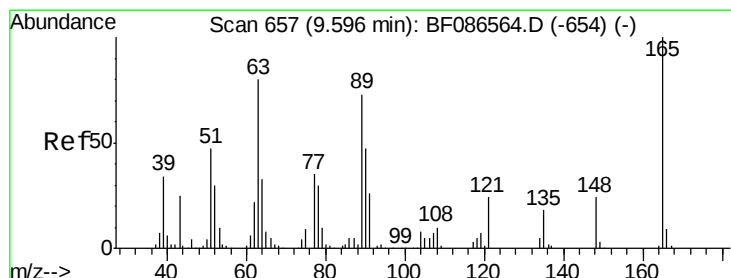
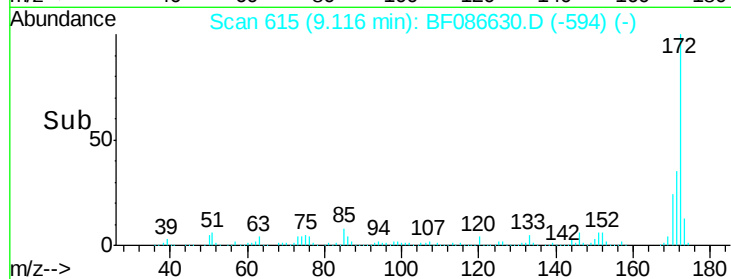
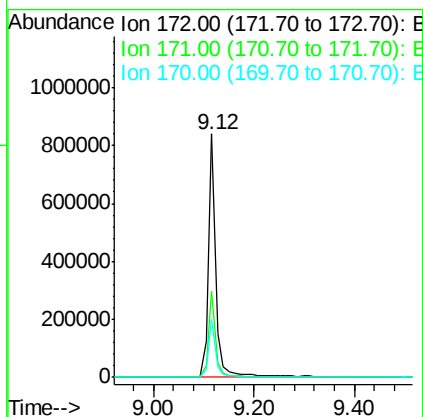
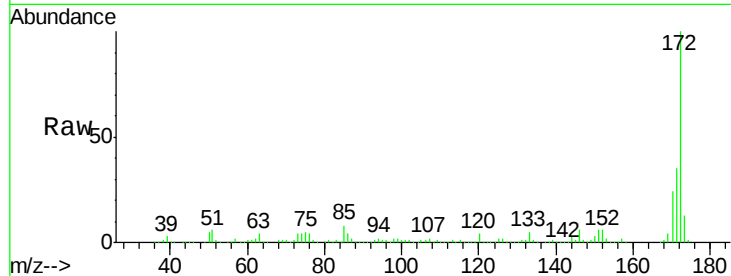
Time-->



#44
 2-Fluorobiphenyl
 Concen: 35.43 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.06 min
 Lab File: BF086630.D
 Acq: 2 May 2016 21:18

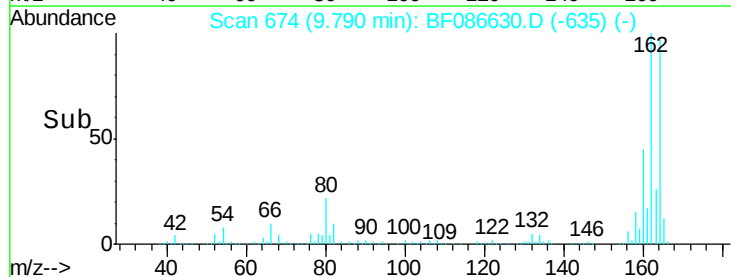
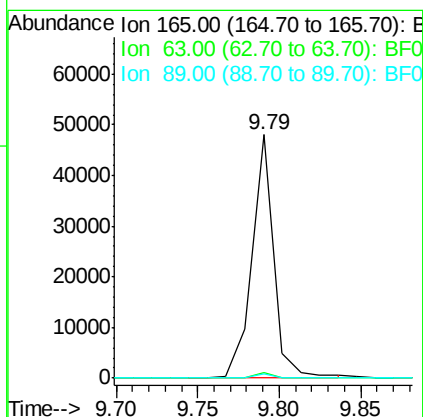
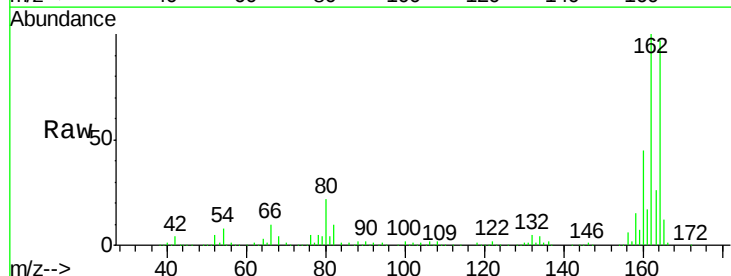
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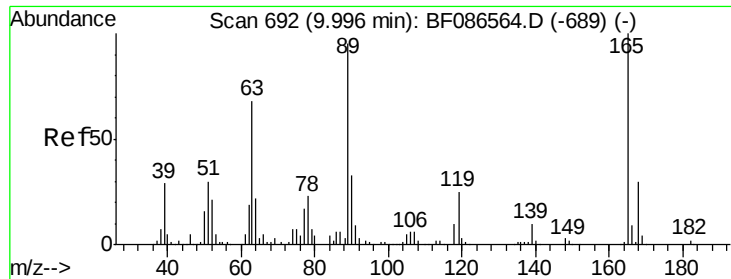
Tgt Ion:172 Resp: 881938
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.0 43.6
 170 24.0 19.8 29.8



#50
 2,6-Dinitrotoluene
 Concen: 7.89 ng
 RT: 9.79 min Scan# 674
 Delta R.T. 0.15 min
 Lab File: BF086630.D
 Acq: 2 May 2016 21:18

Tgt Ion:165 Resp: 44701
 Ion Ratio Lower Upper
 165 100
 63 2.4 51.8 77.8#
 89 1.8 50.7 76.1#

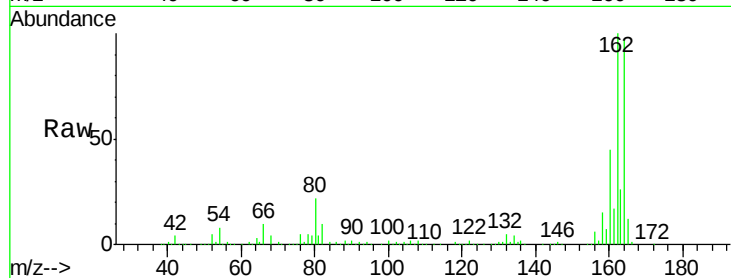




#56
 2,4-Dinitrotoluene
 Concen: 6.22 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.25 min
 Lab File: BF086630.D
 Acq: 2 May 2016 21:18

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2-CS-3(0-10FTBGS)

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.4	44.3	66.5#
89	1.8	70.0	105.0#
182	0.0	1.8	2.6#

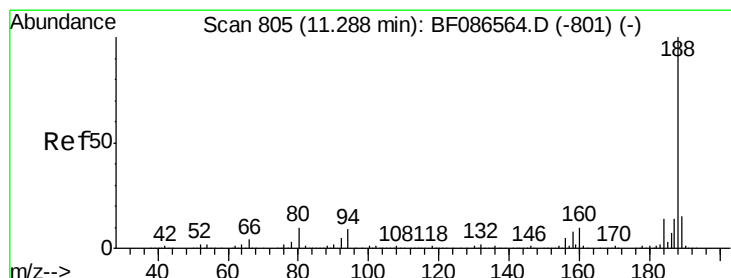
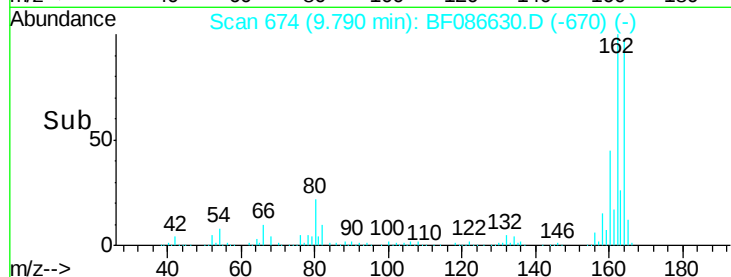
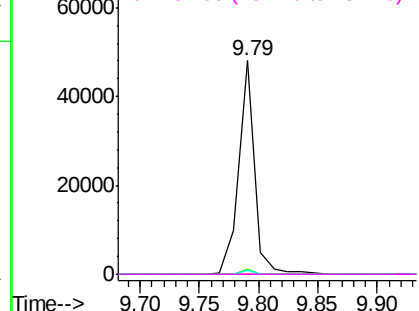


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

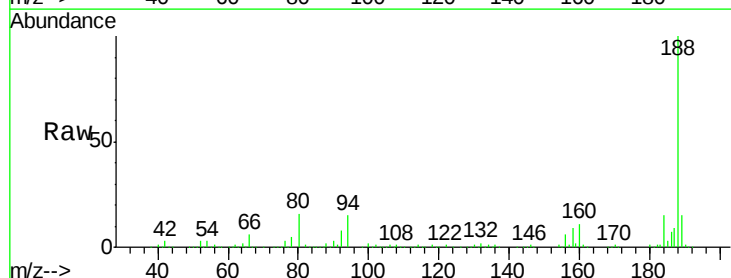
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 803
 Delta R.T. -0.06 min
 Lab File: BF086630.D
 Acq: 2 May 2016 21:18

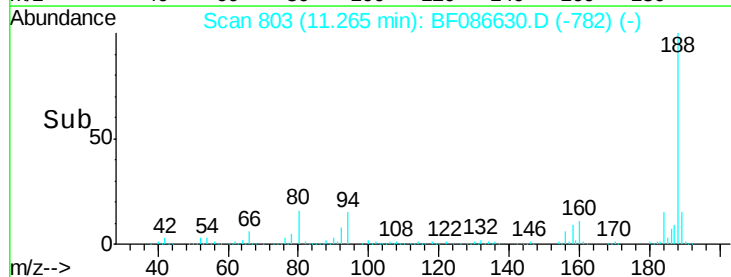
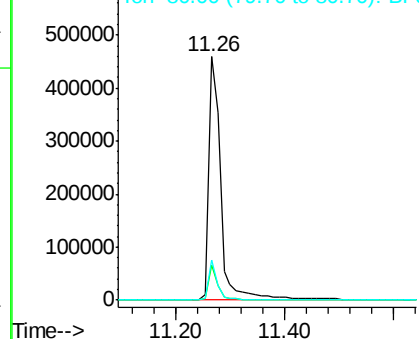
Tgt Ion	Ratio	Lower	Upper
188	100		
94	14.6	6.8	10.2#
80	16.3	7.1	10.7#

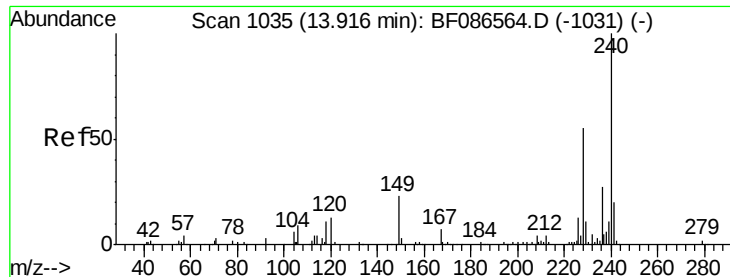


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.07 min

Lab File: BF086630.D

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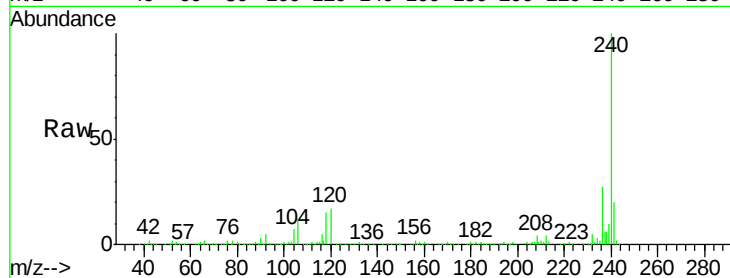
Tgt Ion:240 Resp: 576996

Ion Ratio Lower Upper

240 100

120 16.7 11.2 16.8

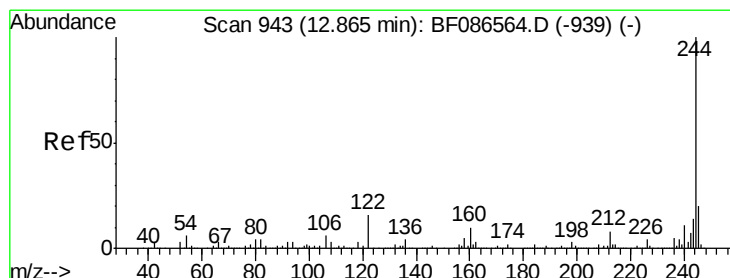
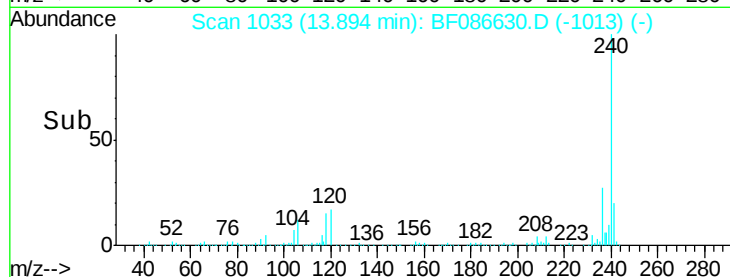
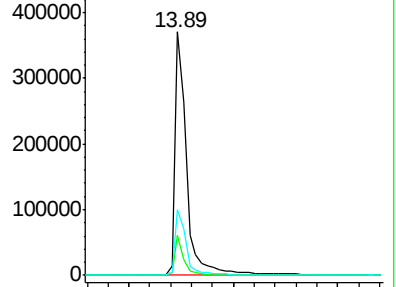
236 26.8 21.2 31.8



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: 54.64 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.06 min

Lab File: BF086630.D

Acq: 2 May 2016 21:18

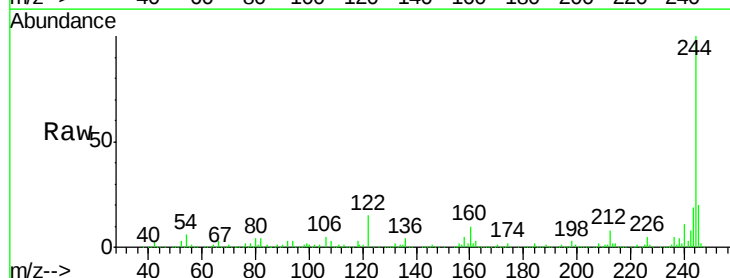
Tgt Ion:244 Resp: 1431060

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

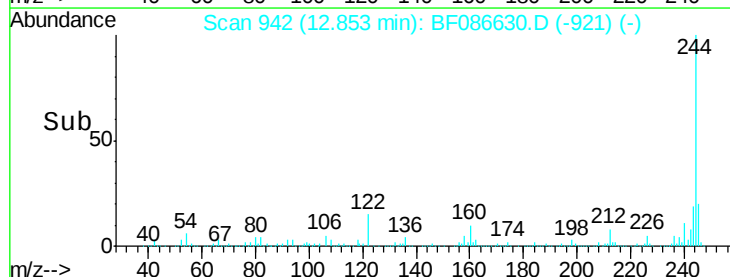
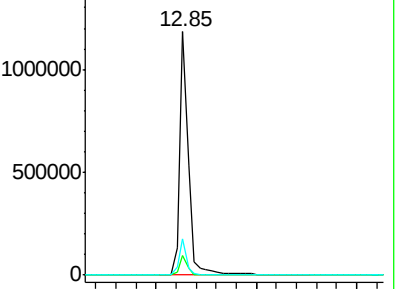
122 15.1 12.0 18.0

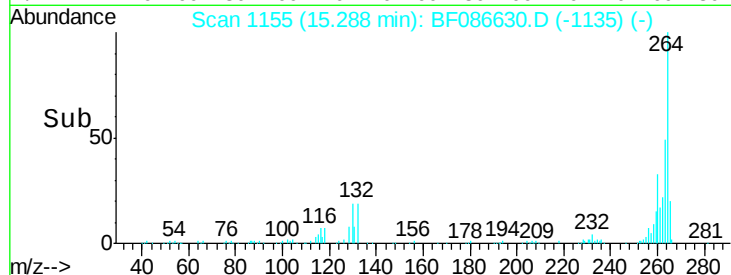
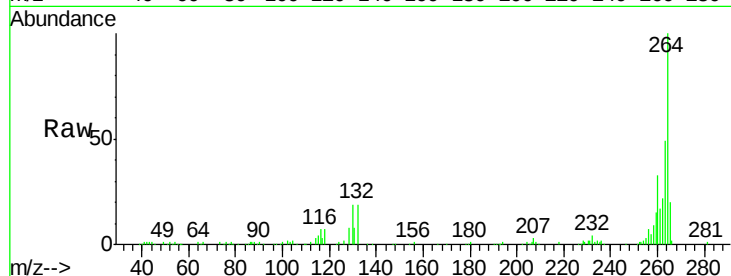
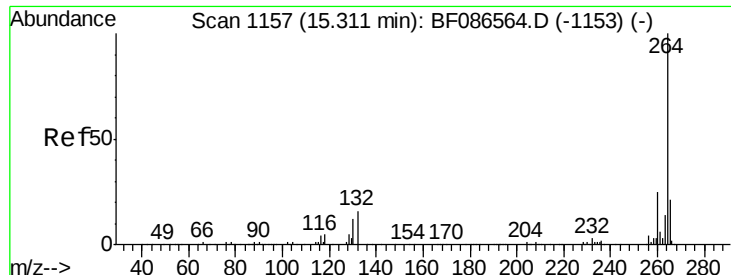


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.29 min Scan# 1155
Delta R.T. -0.07 min
Lab File: BF086630.D
Acq: 2 May 2016 21:18

Instrument :
BNA_F
ClientSampleId :
26WARD-2-CS-3(0-10FTBGS)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	33.2	19.5	29.3
265	20.4	17.3	25.9

