

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012916\
 Data File : BF084654.D
 Acq On : 30 Jan 2016 00:05
 Operator : SJ/IZ
 Sample : H1273-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B009(25-27)

Quant Time: Jan 30 00:57:35 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:54:53 2016
 Response via : Initial Calibration

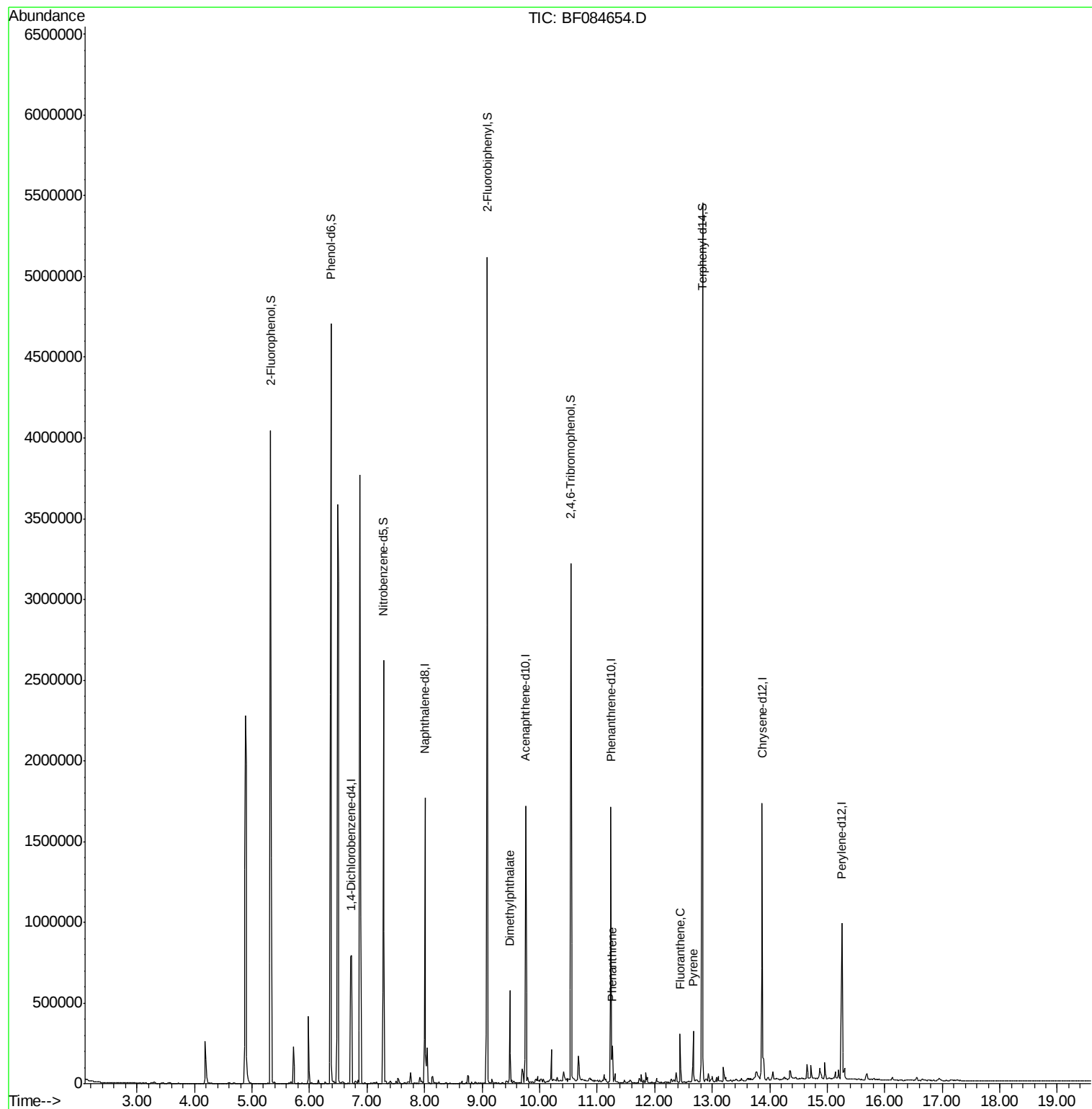
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	178380	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	763747	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	347403	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	688402	20.00	ng	0.00
75) Chrysene-d12	13.87	240	590384	20.00	ng	0.00
86) Perylene-d12	15.25	264	424918	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1216763	102.97	ng	0.01
7) Phenol-d6	6.37	99	1701863	120.16	ng	0.00
23) Nitrobenzene-d5	7.29	82	949274	69.46	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	396379	108.86	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	1893237	81.00	ng	0.00
78) Terphenyl-d14	12.83	244	1796540	68.73	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.48	163	231463	8.88	ng	Qvalue # 89
70) Phenanthrene	11.26	178	103049	2.71	ng	97
74) Fluoranthene	12.44	202	121000	3.22	ng	99
77) Pyrene	12.67	202	127397	2.86	ng	99

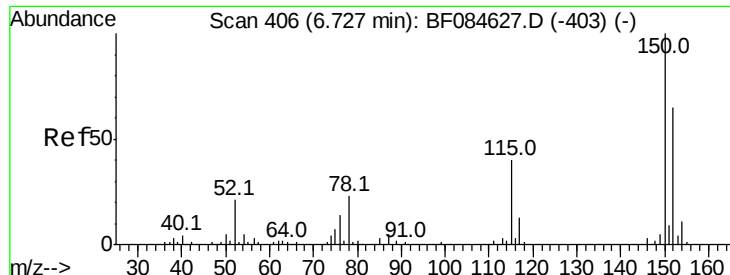
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF084654.D

Acq: 30 Jan 2016 00:05

Instrument :

BNA_F

ClientSampleId :

SUP-B009(25-27)

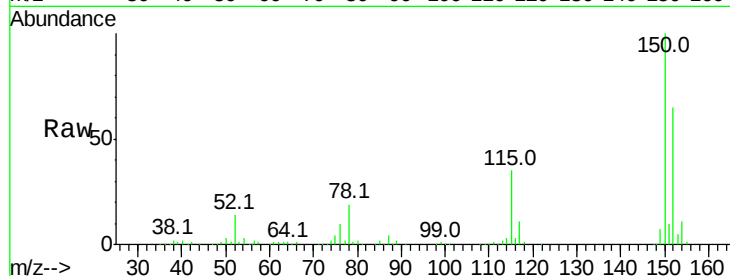
Tot Ion:152 Resp: 178380

Ion Ratio Lower Upper

152 100

150 153.8 123.0 184.4

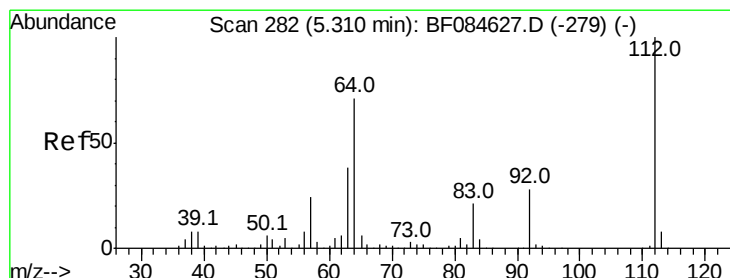
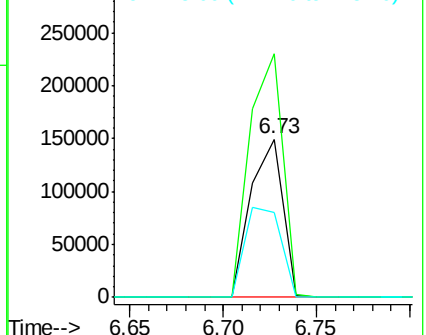
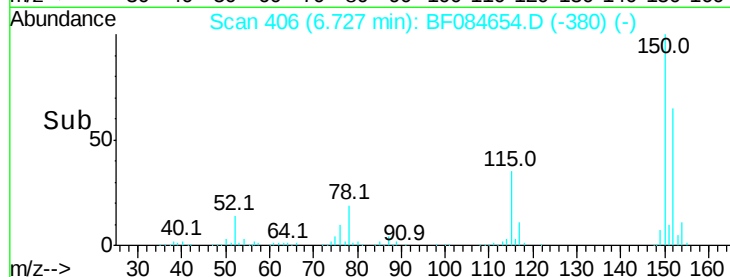
115 53.4 51.4 77.2



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: 102.97 ng

RT: 5.32 min Scan# 283

Delta R.T. 0.01 min

Lab File: BF084654.D

Acq: 30 Jan 2016 00:05

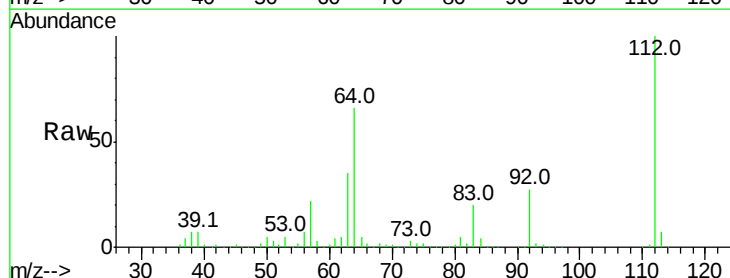
Tgt Ion:112 Resp: 1216763

Ion Ratio Lower Upper

112 100

64 66.0 36.6 55.0#

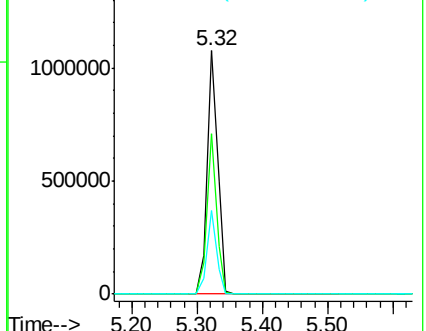
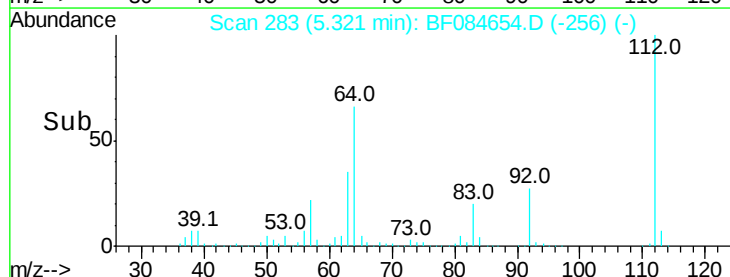
63 34.5 19.4 29.0#

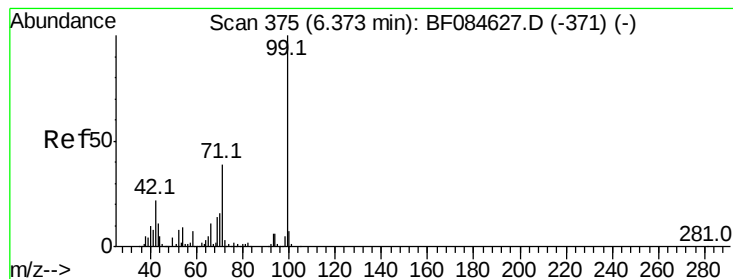


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 120.16 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF084654.D

Acq: 30 Jan 2016 00:05

Instrument :

BNA_F

ClientSampleId :

SUP-B009(25-27)

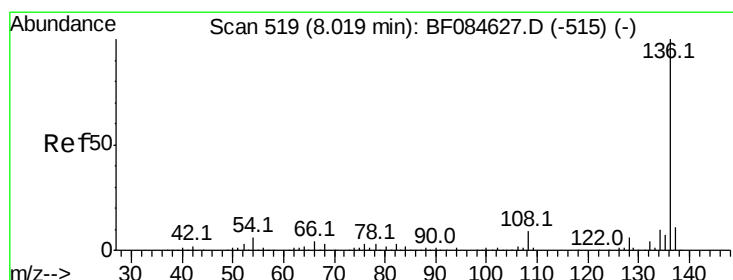
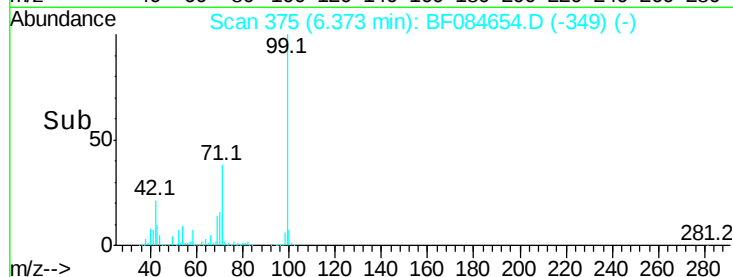
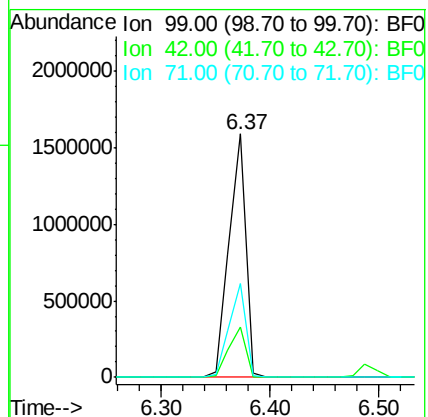
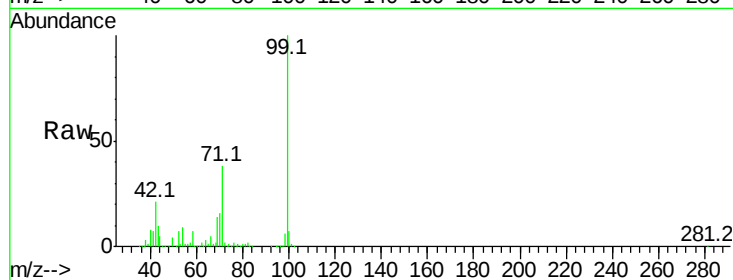
Tot Ion: 99 Resp: 1701863

Ion Ratio Lower Upper

99 100

42 20.7 12.8 19.2#

71 38.5 30.9 46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF084654.D

Acq: 30 Jan 2016 00:05

Tgt Ion: 136 Resp: 763747

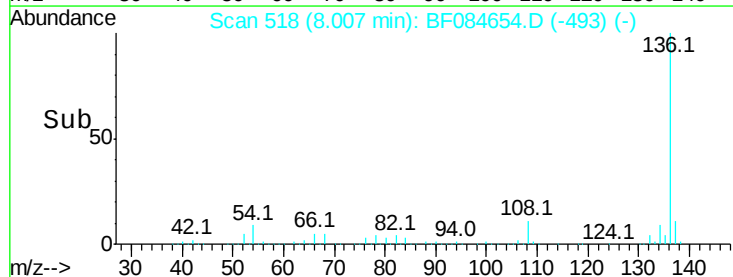
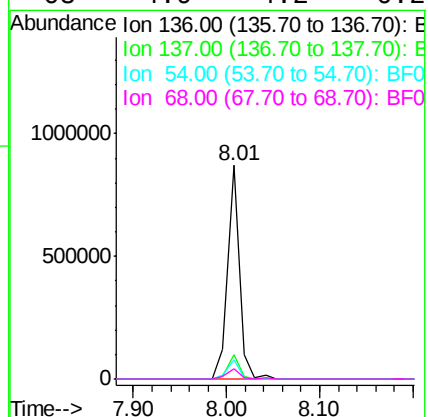
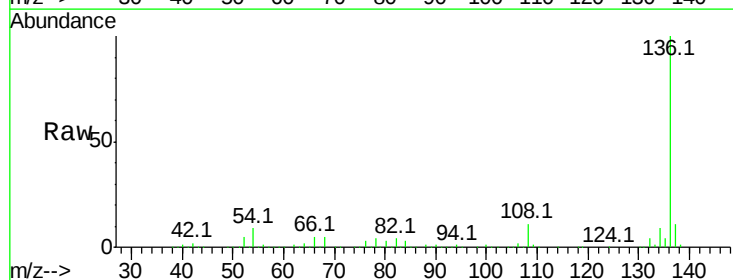
Ion Ratio Lower Upper

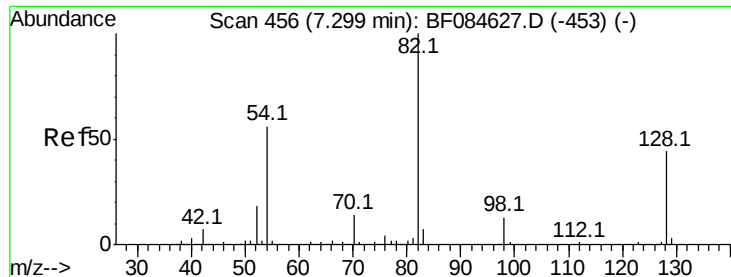
136 100

137 11.3 8.7 13.1

54 9.1 5.8 8.8#

68 4.9 4.2 6.2





#23

Nitrobenzene-d5

Concen: 69.46 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF084654.D

Acq: 30 Jan 2016 00:05

Instrument :

BNA_F

ClientSampleId :

SUP-B009(25-27)

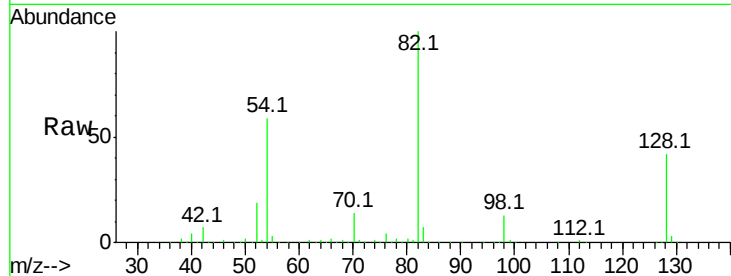
Tot Ion: 82 Resp: 949274

Ion Ratio Lower Upper

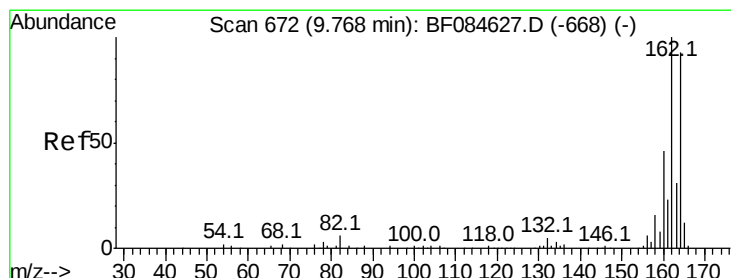
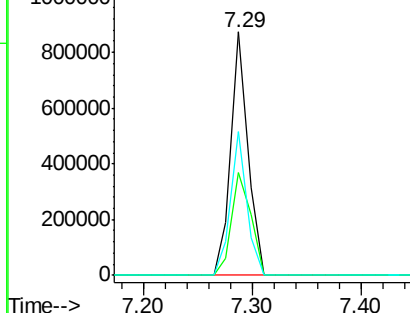
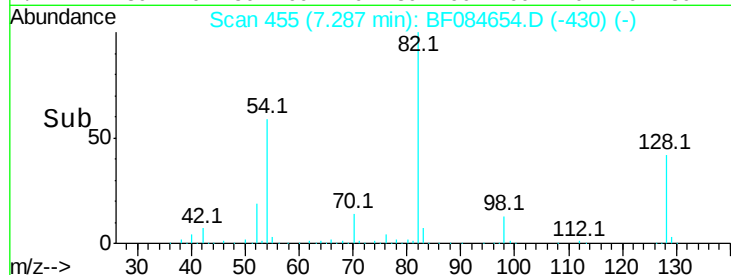
82 100

128 42.1 34.6 51.8

54 58.9 38.4 57.6#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF084654.D

Acq: 30 Jan 2016 00:05

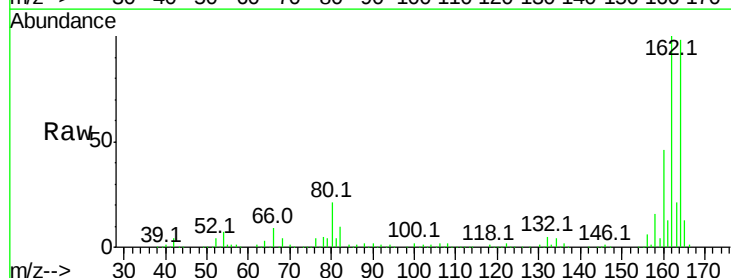
Tgt Ion: 164 Resp: 347403

Ion Ratio Lower Upper

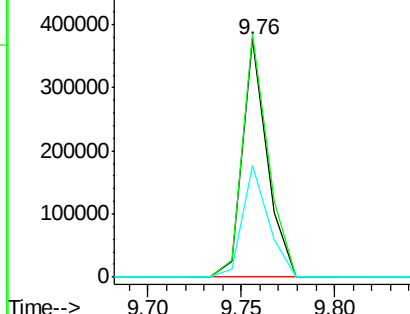
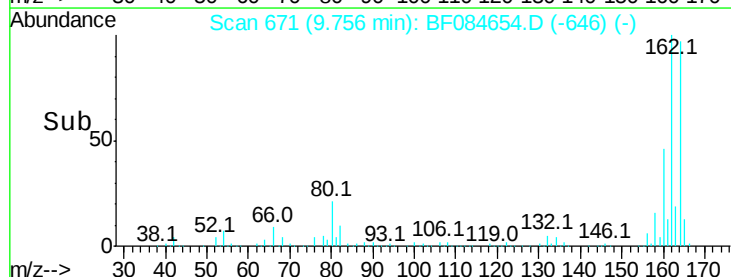
164 100

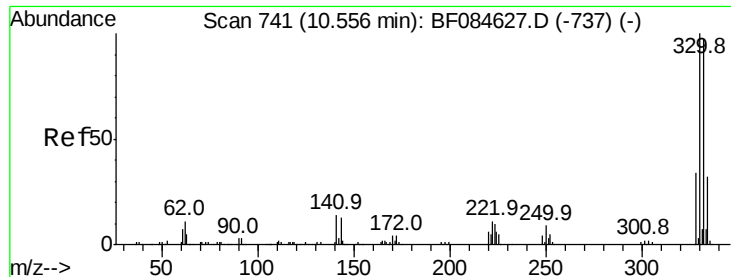
162 102.3 85.1 127.7

160 47.0 37.5 56.3



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

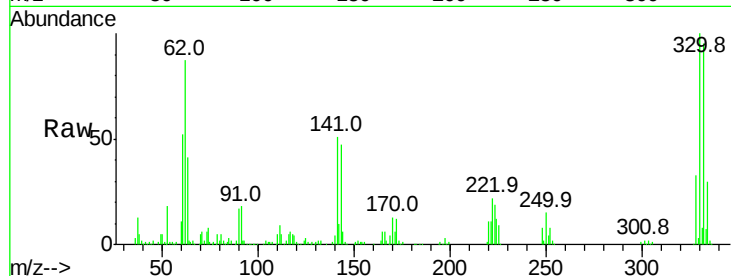




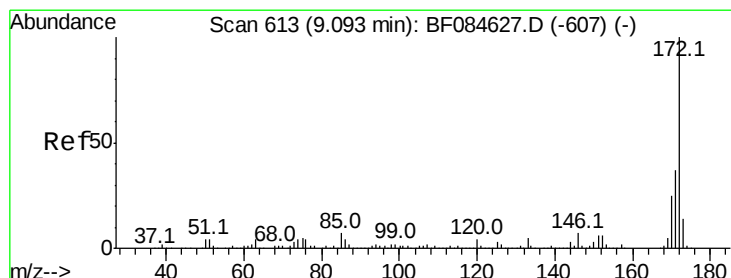
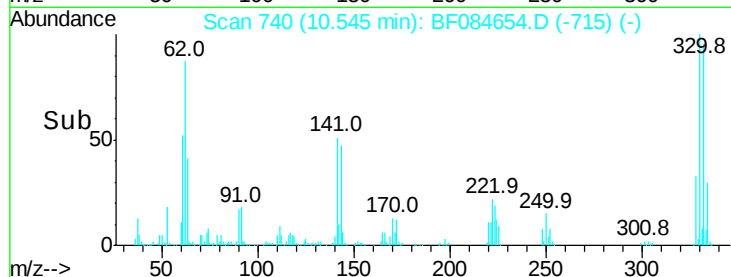
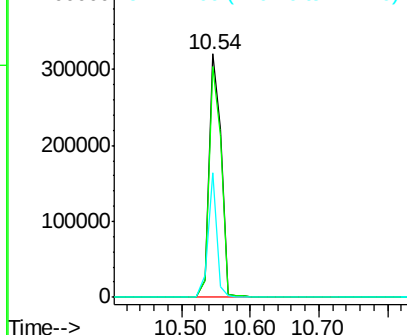
#41
 2,4,6-Tribromophenol
 Concen: 108.86 ng
 RT: 10.54 min Scan# 740
 Delta R.T. -0.01 min
 Lab File: BF084654.D
 Acq: 30 Jan 2016 00:05

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B009(25-27)

Tot Ion:330 Resp: 396379
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.6 114.8
 141 36.7 27.8 41.6

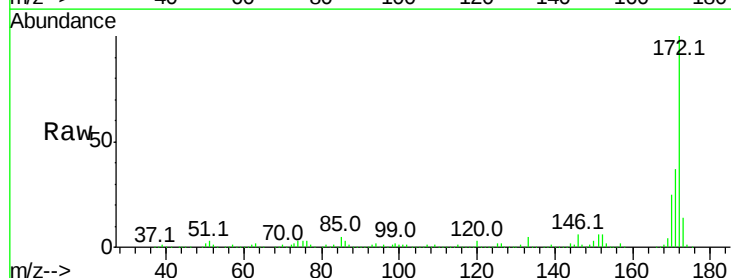


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

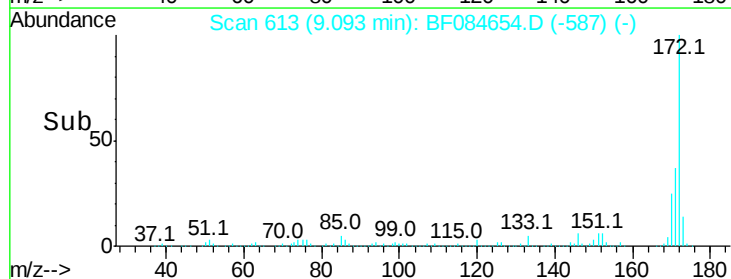
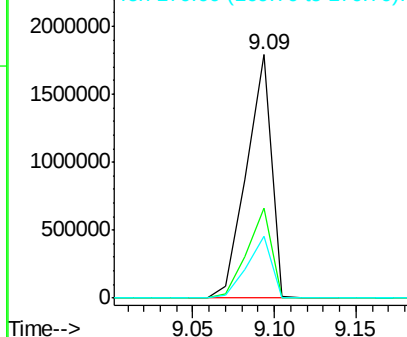


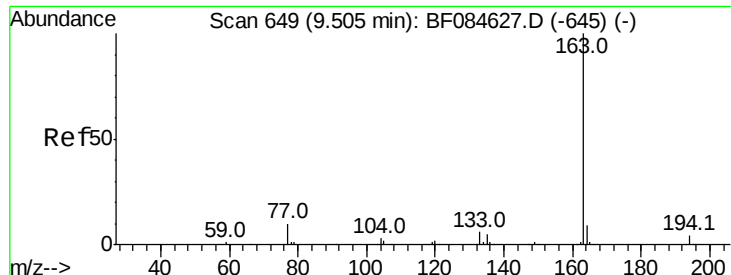
#44
 2-Fluorobiphenyl
 Concen: 81.00 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF084654.D
 Acq: 30 Jan 2016 00:05

Tgt Ion:172 Resp: 1893237
 Ion Ratio Lower Upper
 172 100
 171 36.7 28.9 43.3
 170 25.2 18.6 27.8



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: 8.88 ng

RT: 9.48 min Scan# 647

Delta R.T. -0.02 min

Lab File: BF084654.D

Acq: 30 Jan 2016 00:05

Instrument :

BNA_F

ClientSampleId :

SUP-B009(25-27)

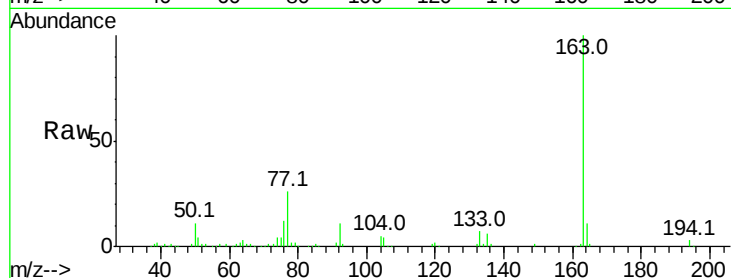
Tot Ion:163 Resp: 231463

Ion Ratio Lower Upper

163 100

194 2.5 8.0 12.0#

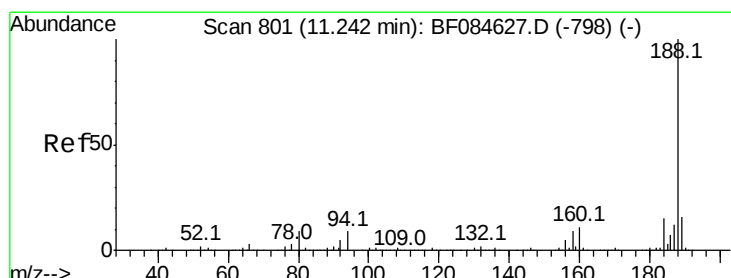
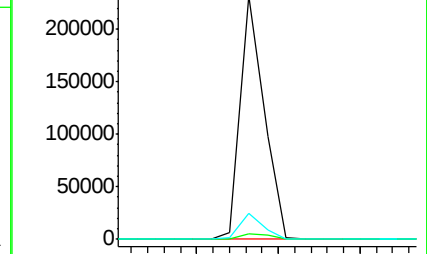
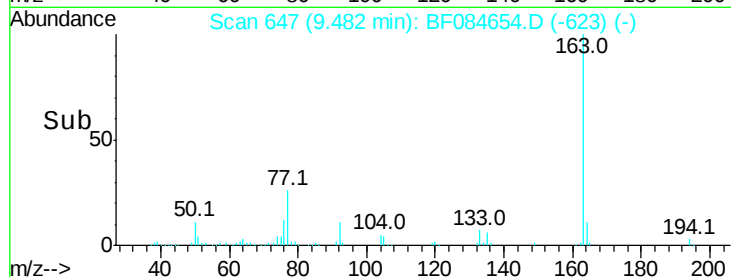
164 10.6 8.0 12.0



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.24 min Scan# 801

Delta R.T. -0.00 min

Lab File: BF084654.D

Acq: 30 Jan 2016 00:05

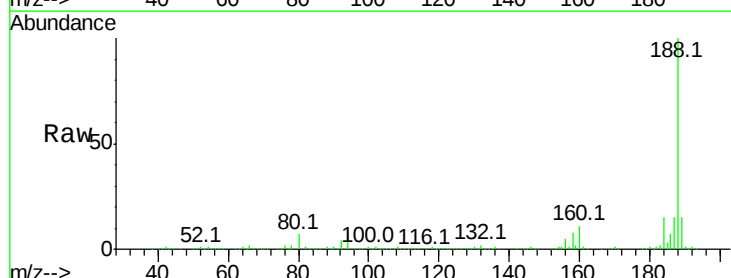
Tgt Ion:188 Resp: 688402

Ion Ratio Lower Upper

188 100

94 6.7 9.0 13.4#

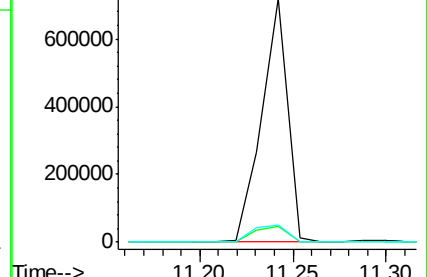
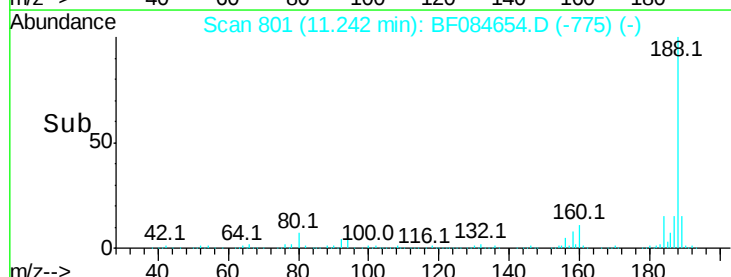
80 6.9 9.6 14.4#

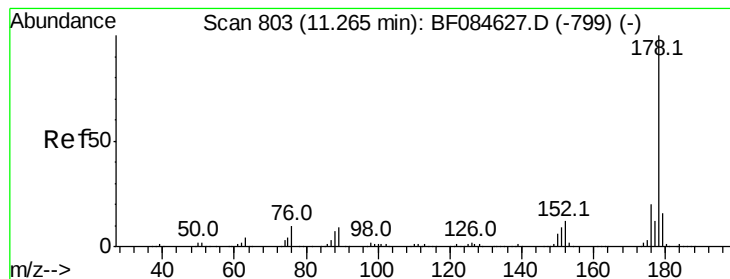


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 2.71 ng

RT: 11.26 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF084654.D

Acq: 30 Jan 2016 00:05

Instrument :

BNA_F

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SUP-B009(25-27)

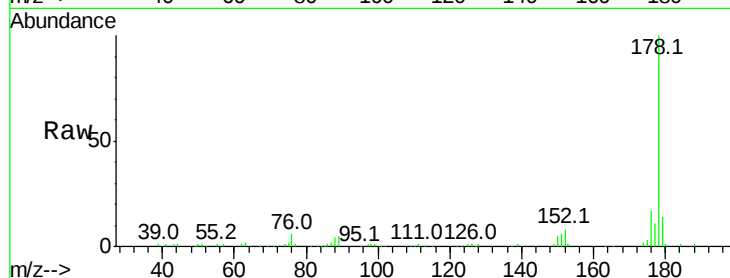
Tot Ion:178 Resp: 103049

Ion Ratio Lower Upper

178 100

176 17.5 15.3 22.9

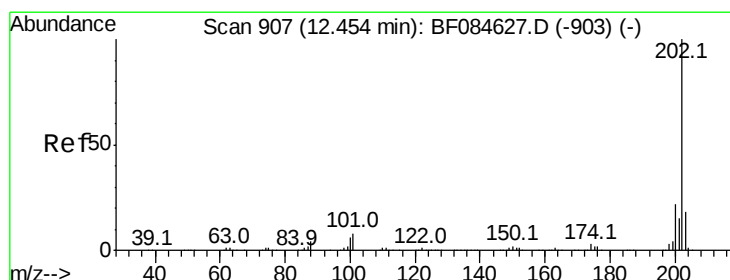
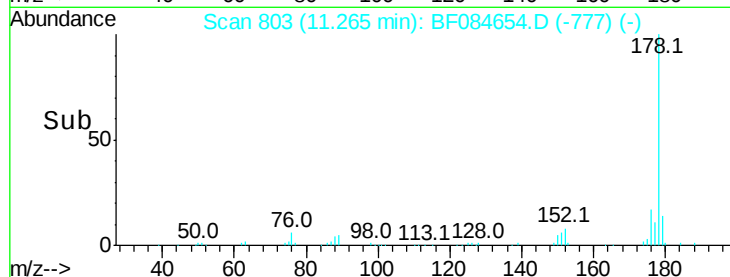
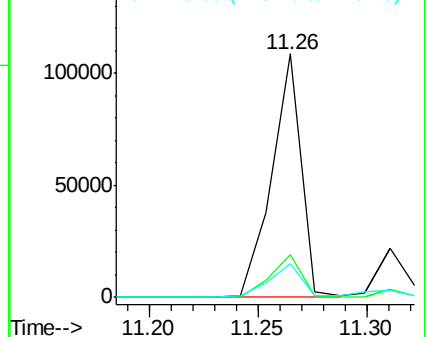
179 13.8 12.0 18.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 3.22 ng

RT: 12.44 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF084654.D

Acq: 30 Jan 2016 00:05

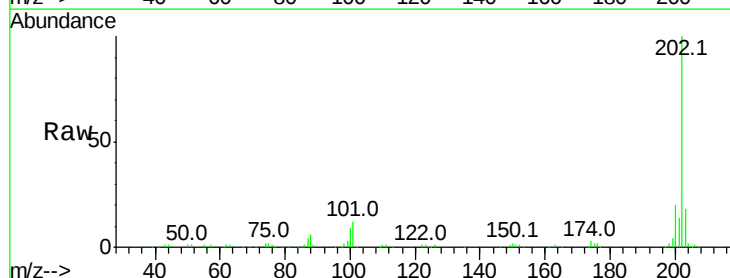
Tgt Ion:202 Resp: 121000

Ion Ratio Lower Upper

202 100

101 12.3 0.0 32.8

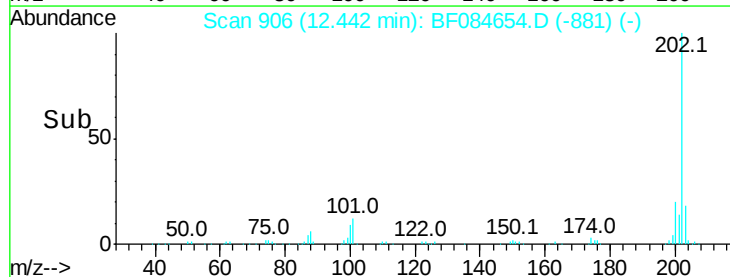
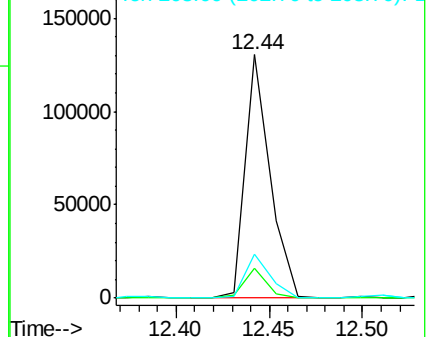
203 18.1 0.0 37.9

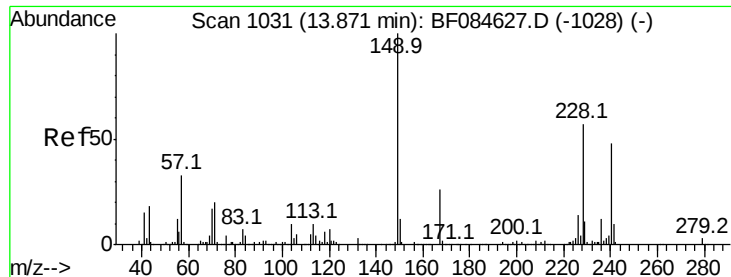


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF084654.D

Acq: 30 Jan 2016 00:05

Instrument :

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SUP-B009(25-27)

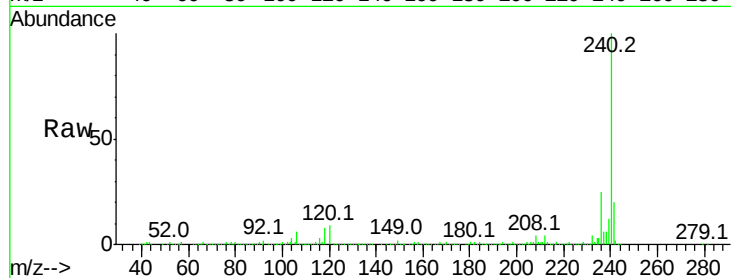
Tot Ion:240 Resp: 590384

Ion Ratio Lower Upper

240 100

120 9.1 9.5 14.3#

236 25.4 20.6 31.0



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

13.87

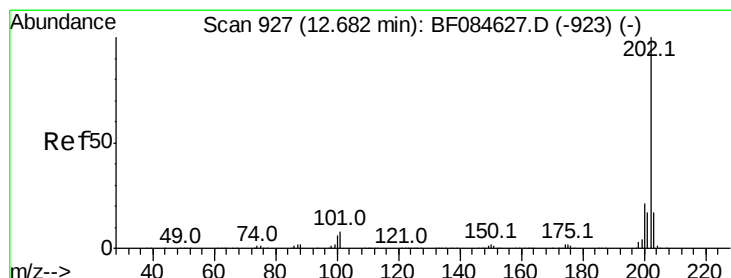
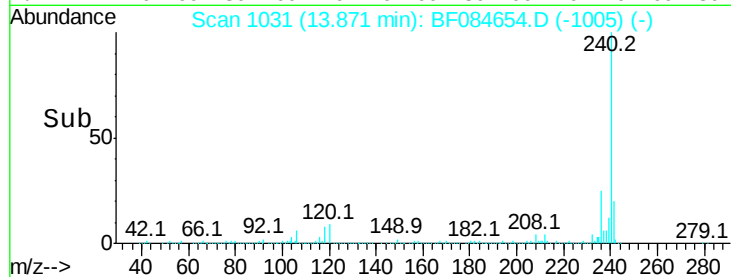
600000

400000

200000

0

Time-->



#77

Pyrene

Concen: 2.86 ng

RT: 12.67 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF084654.D

Acq: 30 Jan 2016 00:05

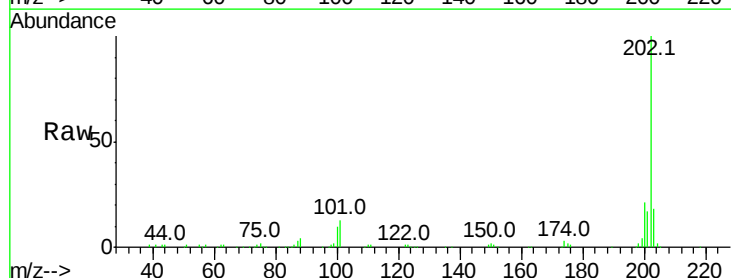
Tgt Ion:202 Resp: 127397

Ion Ratio Lower Upper

202 100

200 20.6 17.2 25.8

203 17.7 14.3 21.5



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

12.67

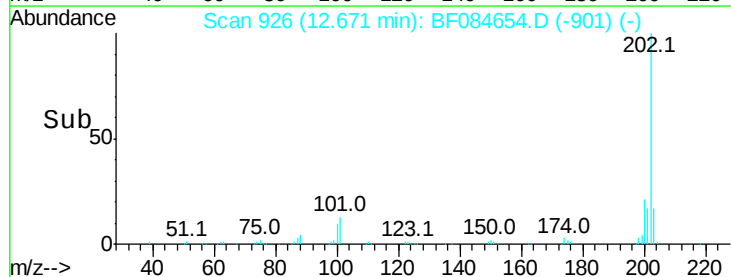
150000

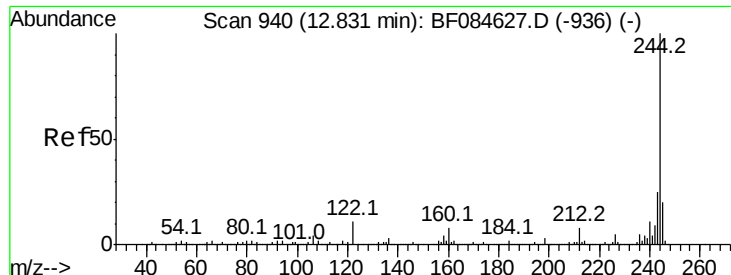
100000

50000

0

Time-->





#78

Terphenyl-d14

Concen: 68.73 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF084654.D

Acq: 30 Jan 2016 00:05

Instrument :

BNA_F

ClientSampleId :

SUP-B009(25-27)

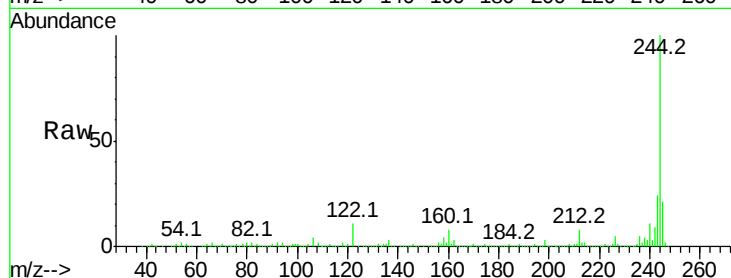
Tot Ion:244 Resp: 1796540

Ion Ratio Lower Upper

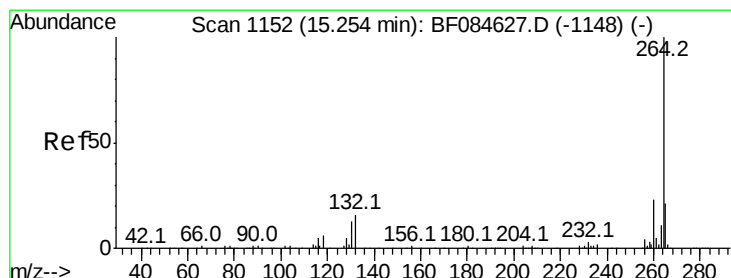
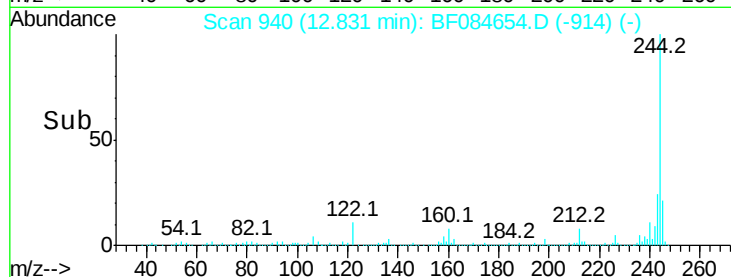
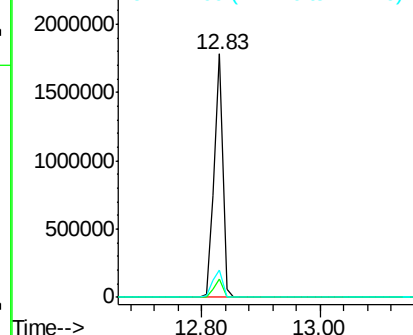
244 100

212 7.6 5.7 8.5

122 11.4 7.4 11.0#



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: 15.25 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BF084654.D

Acq: 30 Jan 2016 00:05

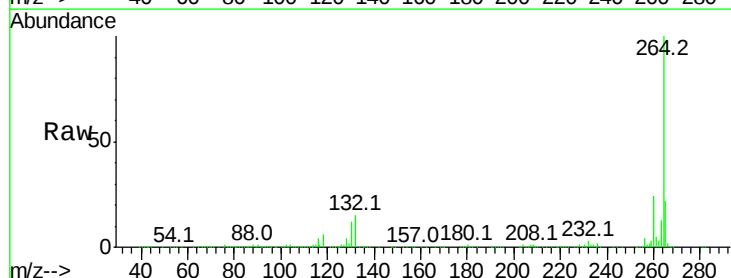
Tgt Ion:264 Resp: 424918

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.2

265 21.6 17.8 26.6



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

