

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
 Data File : BF084686.D
 Acq On : 30 Jan 2016 15:17
 Operator : SJ/IZ
 Sample : H1273-07 5X
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B010(15-16)

Quant Time: Feb 01 02:53:18 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

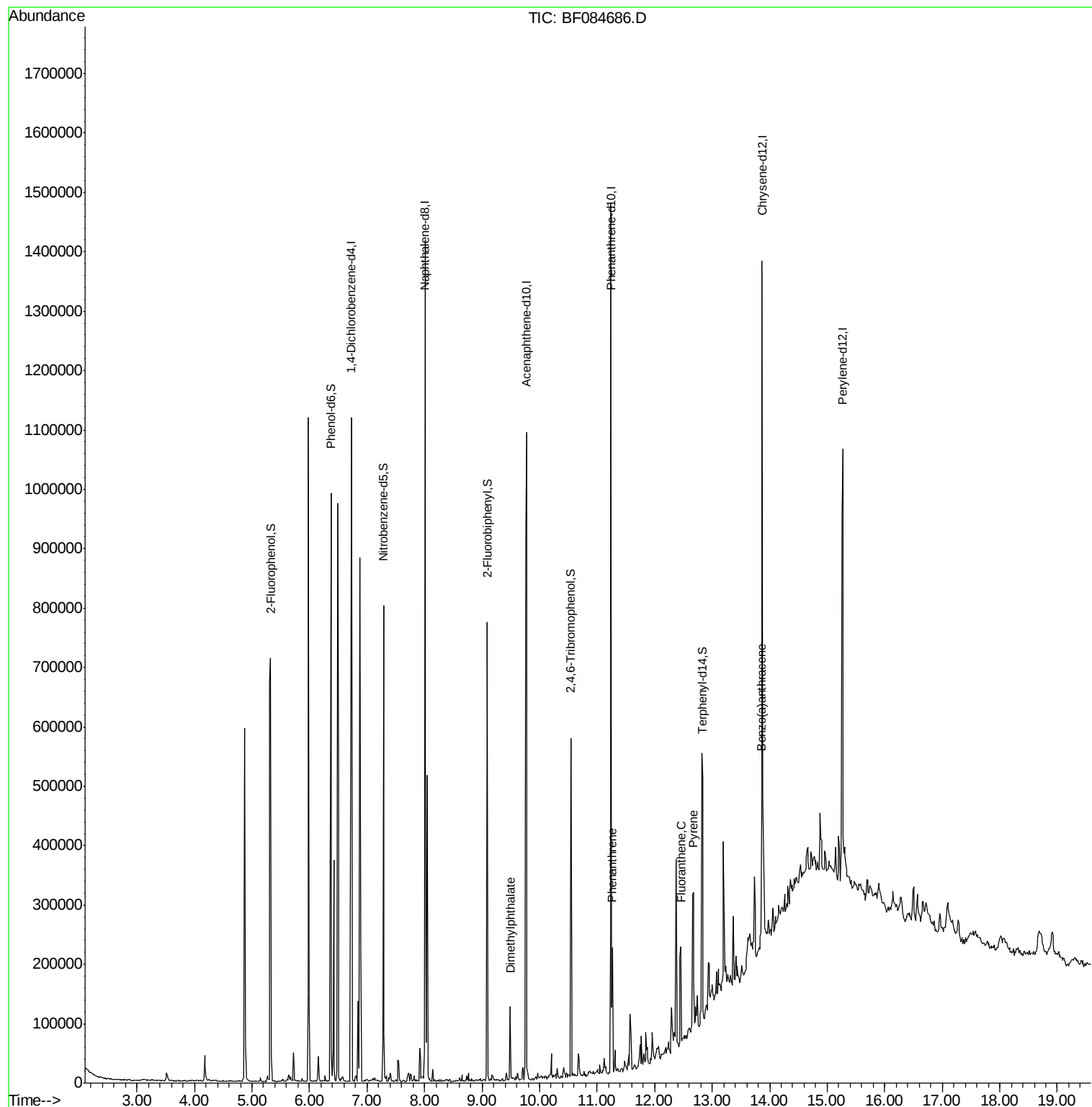
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	185335	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	707173	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	298063	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	490556	20.00	ng	0.00
75) Chrysene-d12	13.87	240	370752	20.00	ng	0.00
86) Perylene-d12	15.27	264	391604	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	284152	23.14	ng	0.01
7) Phenol-d6	6.37	99	367841	25.00	ng	0.00
23) Nitrobenzene-d5	7.29	82	218669	17.28	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	57909	18.54	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	333168	16.61	ng	0.00
78) Terphenyl-d14	12.83	244	200398	12.21	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.49	163	69942	3.13	ng	Qvalue # 91
70) Phenanthrene	11.26	178	74775	2.76	ng	99
74) Fluoranthene	12.45	202	96707	3.61	ng	94
77) Pyrene	12.67	202	90892	3.25	ng	98
80) Benzo(a)anthracene	13.86	228	52935	2.29	ng	98

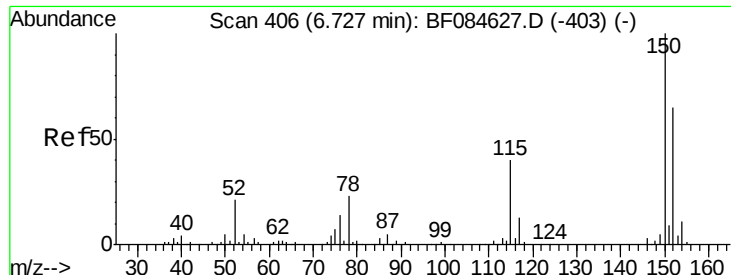
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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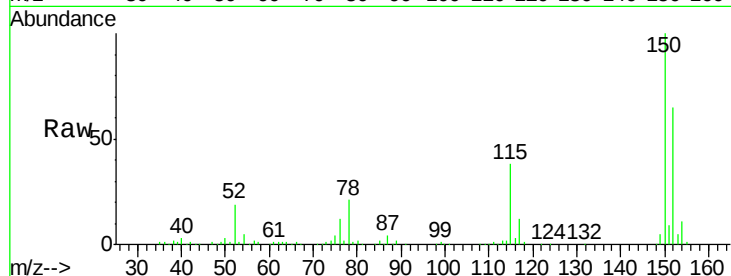


#1

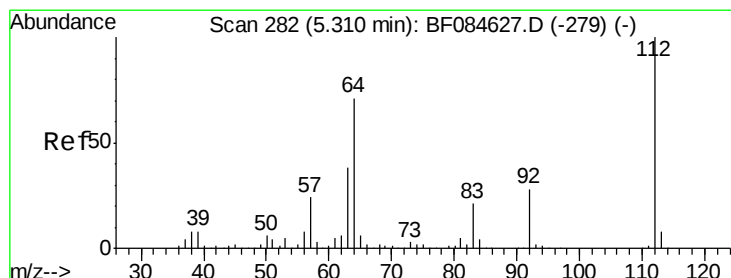
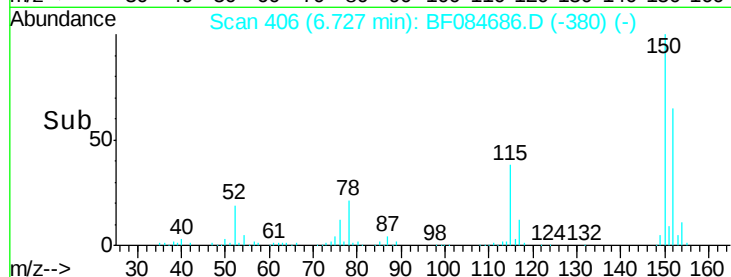
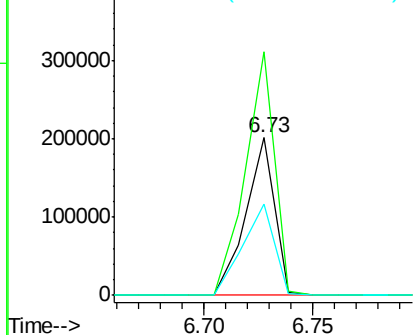
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.00 min
Lab File: BF084686.D
Acq: 30 Jan 2016 15:17

Instrument :
BNA_F
ClientSampleId :
SUP-B010(15-16)

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	123.0	184.4
115	58.2	51.4	77.2



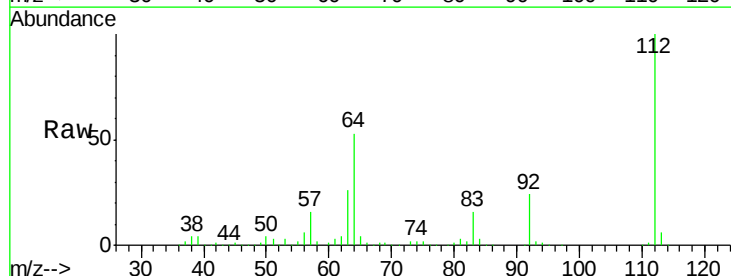
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



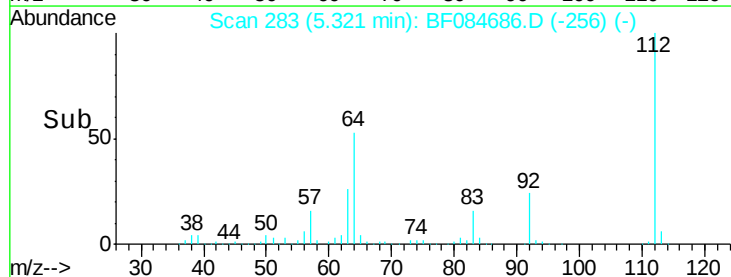
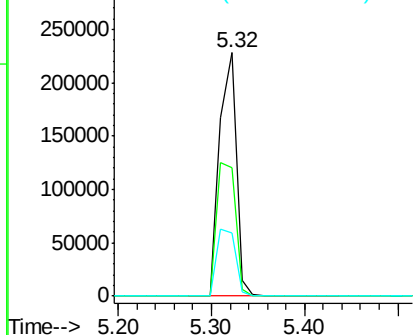
#5

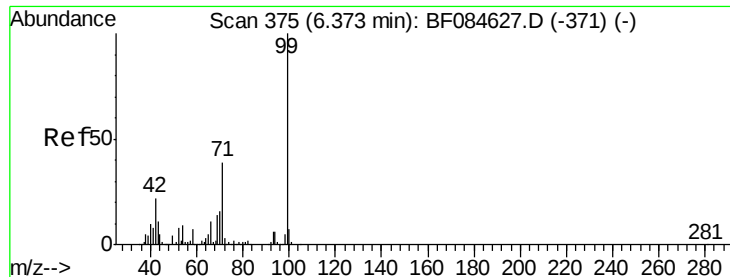
2-Fluorophenol
Concen: 23.14 ng
RT: 5.32 min Scan# 283
Delta R.T. 0.01 min
Lab File: BF084686.D
Acq: 30 Jan 2016 15:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.7	36.6	55.0
63	26.0	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: 25.00 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF084686.D

Acq: 30 Jan 2016 15:17

Instrument :

BNA_F

ClientSampleId :

SUP-B010(15-16)

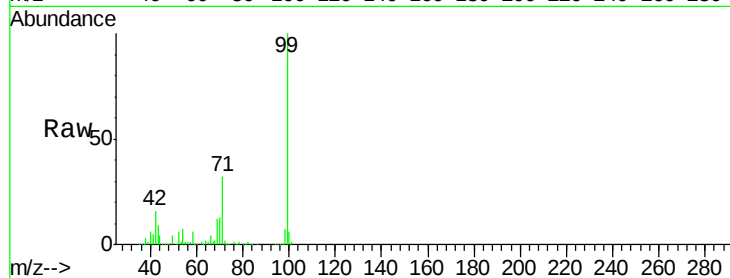
Tot Ion: 99 Resp: 367841

Ion Ratio Lower Upper

99 100

42 15.9 12.8 19.2

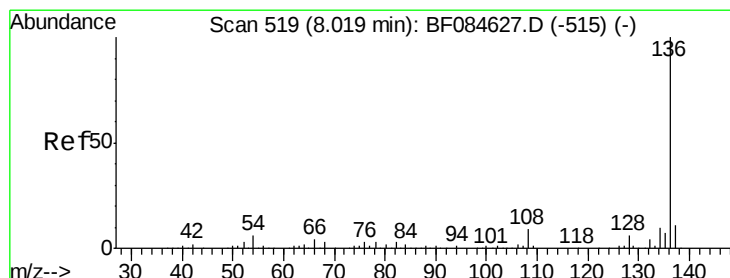
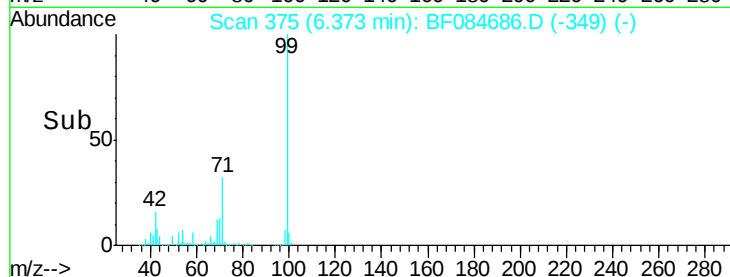
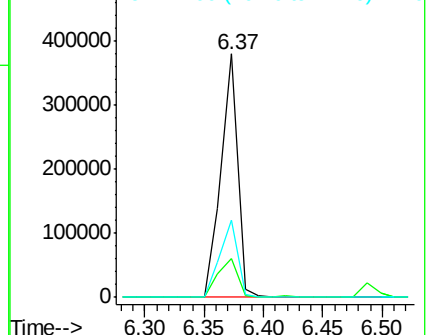
71 31.9 30.9 46.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF084686.D

Acq: 30 Jan 2016 15:17

Tgt Ion: 136 Resp: 707173

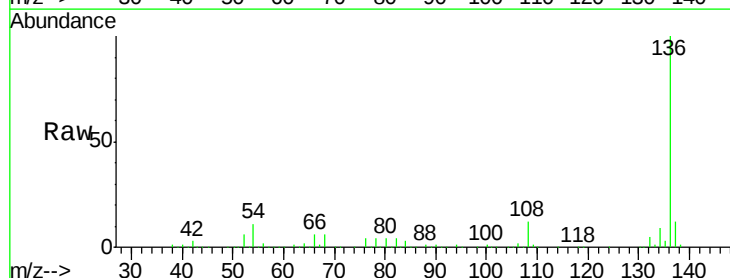
Ion Ratio Lower Upper

136 100

137 11.6 8.7 13.1

54 10.6 5.8 8.8#

68 6.2 4.2 6.2

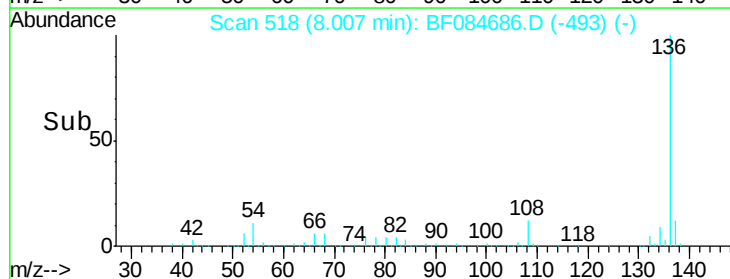
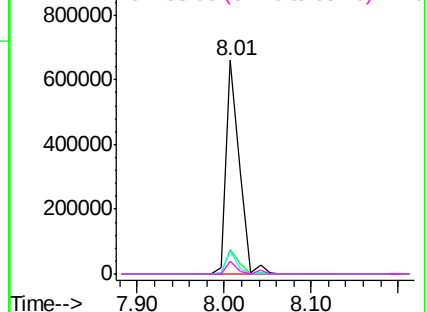


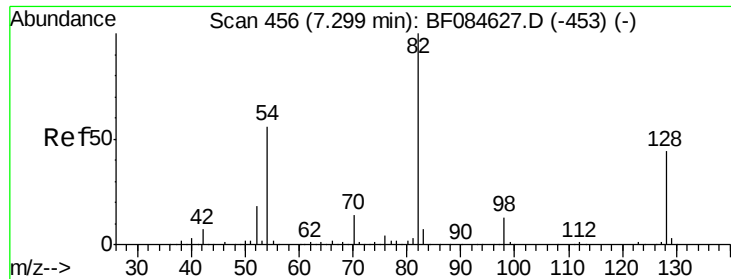
Abundance Ion 136.00 (135.70 to 136.70): E

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

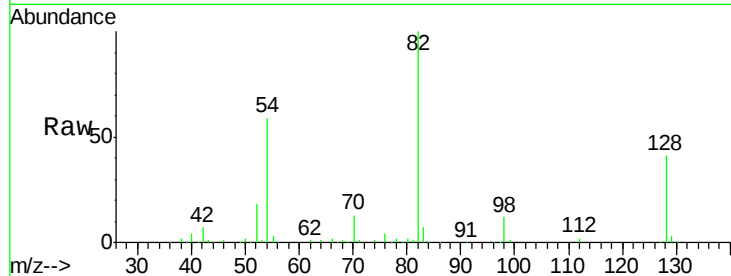




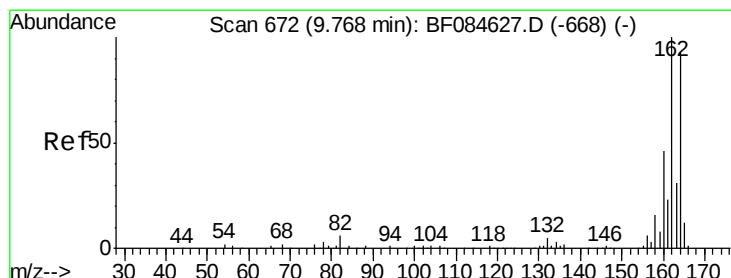
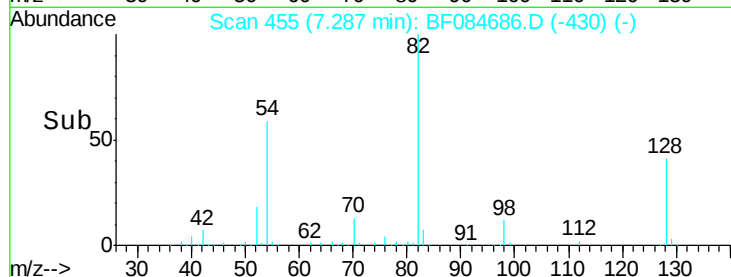
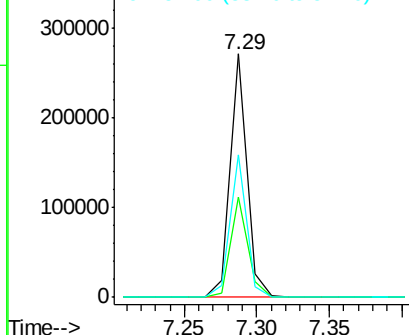
#23
 Nitrobenzene-d5
 Concen: 17.28 ng
 RT: 7.29 min Scan# 455
 Delta R.T. -0.01 min
 Lab File: BF084686.D
 Acq: 30 Jan 2016 15:17

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B010(15-16)

Tot Ion	82	Resp	218669
Ion Ratio	Lower	Upper	
82	100		
128	41.1	34.6	51.8
54	58.6	38.4	57.6

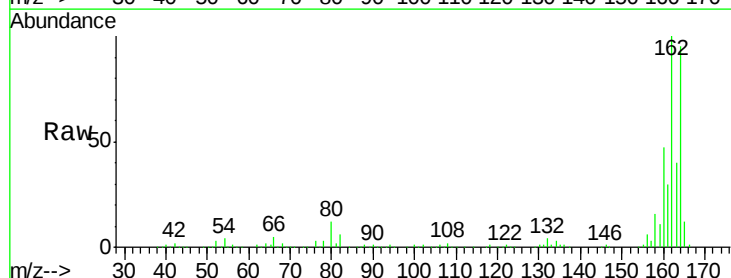


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

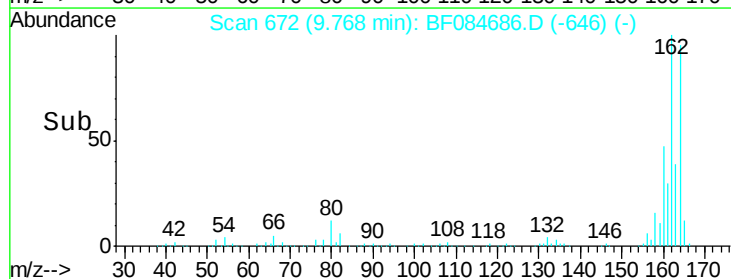
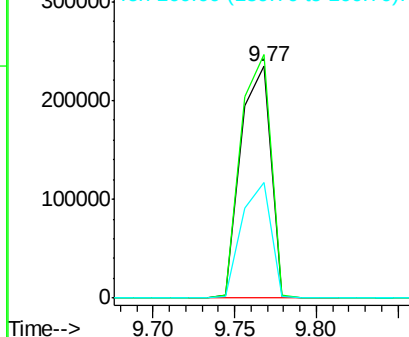


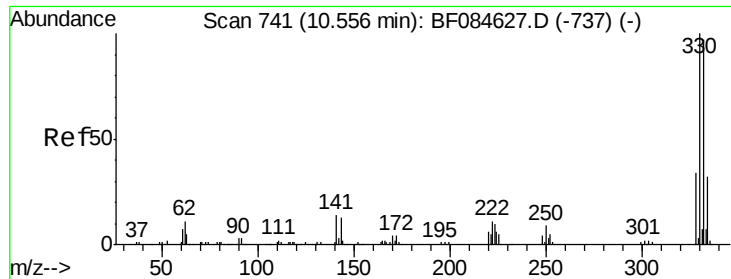
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.00 min
 Lab File: BF084686.D
 Acq: 30 Jan 2016 15:17

Tgt Ion	164	Resp	298063
Ion Ratio	Lower	Upper	
164	100		
162	105.0	85.1	127.7
160	49.7	37.5	56.3



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

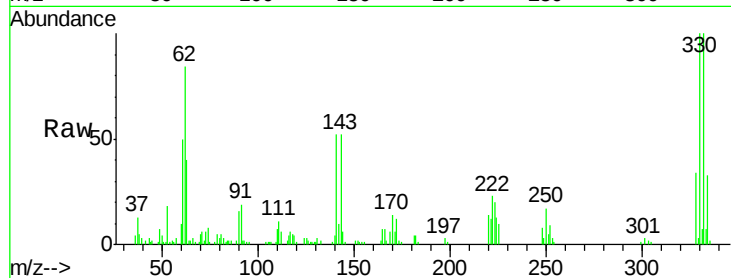




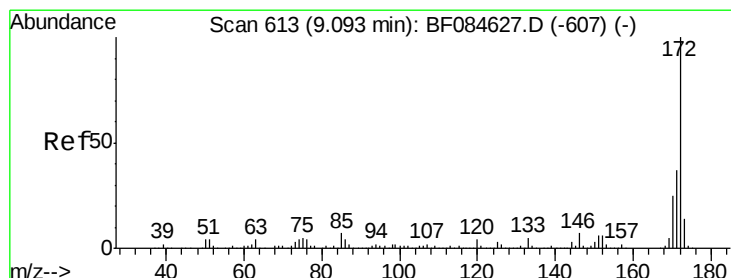
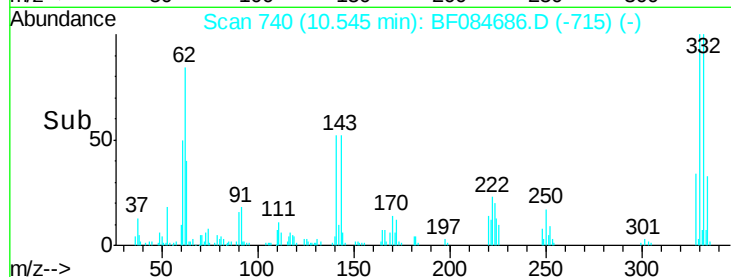
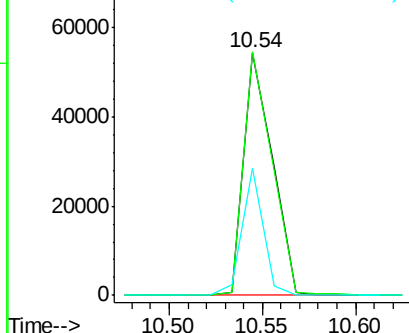
#41
 2,4,6-Tribromophenol
 Concen: 18.54 ng
 RT: 10.54 min Scan# 740
 Delta R.T. -0.01 min
 Lab File: BF084686.D
 Acq: 30 Jan 2016 15:17

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B010(15-16)

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.9	76.6	114.8
141	39.1	27.8	41.6

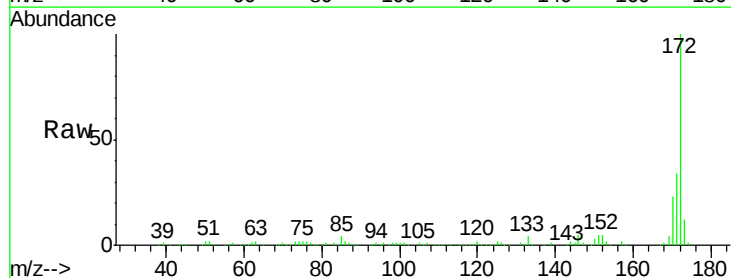


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

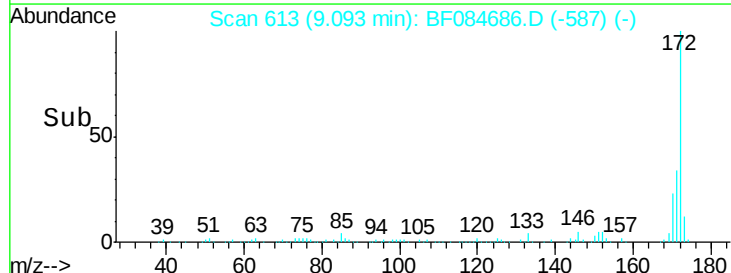
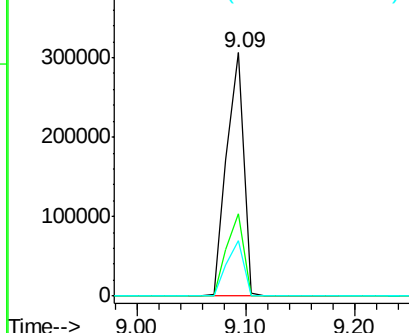


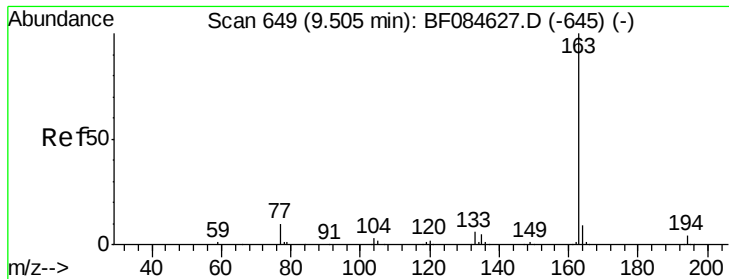
#44
 2-Fluorobiphenyl
 Concen: 16.61 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF084686.D
 Acq: 30 Jan 2016 15:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.6	28.9	43.3
170	23.0	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: 3.13 ng

RT: 9.49 min Scan# 648

Delta R.T. -0.01 min

Lab File: BF084686.D

Acq: 30 Jan 2016 15:17

Instrument :

BNA_F

ClientSampleId :

SUP-B010(15-16)

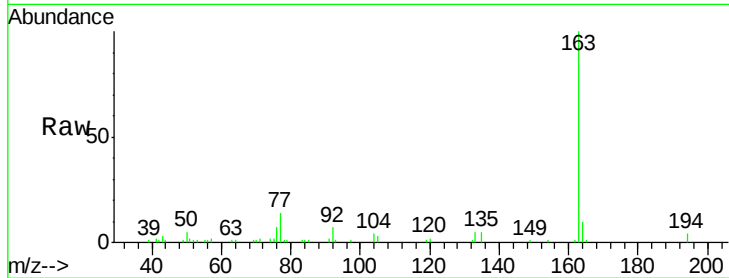
Tot Ion:163 Resp: 69942

Ion Ratio Lower Upper

163 100

194 3.8 8.0 12.0#

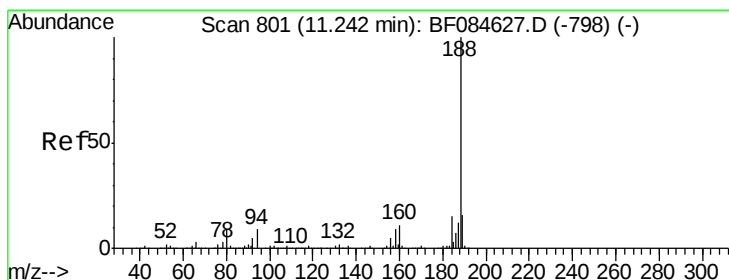
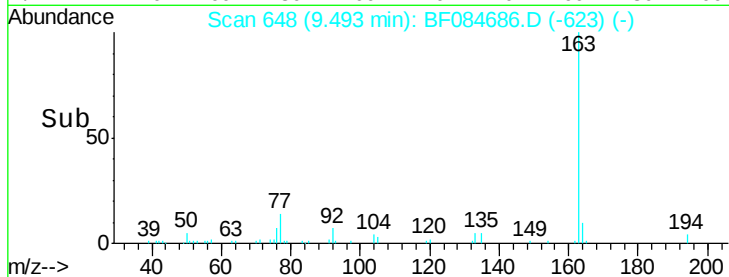
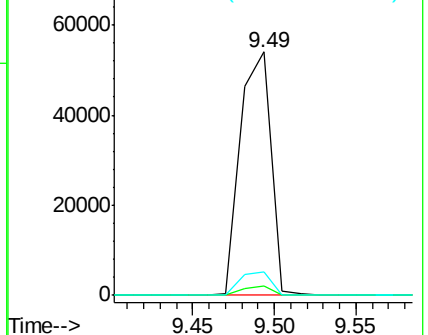
164 9.5 8.0 12.0



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: BF084686.D

Acq: 30 Jan 2016 15:17

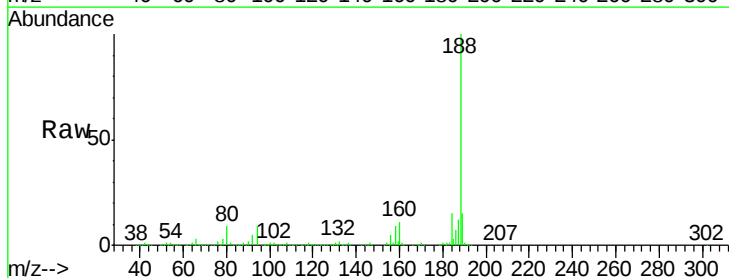
Tgt Ion:188 Resp: 490556

Ion Ratio Lower Upper

188 100

94 8.5 9.0 13.4#

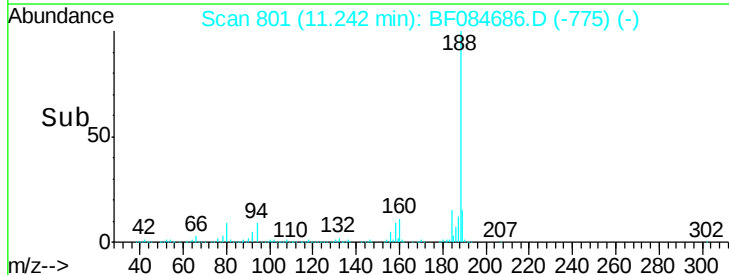
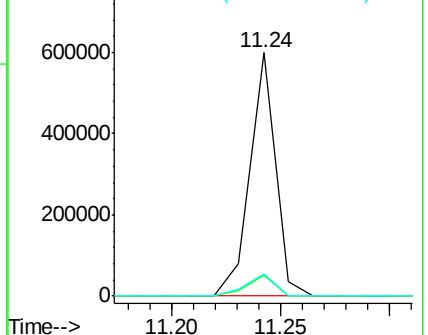
80 9.1 9.6 14.4#

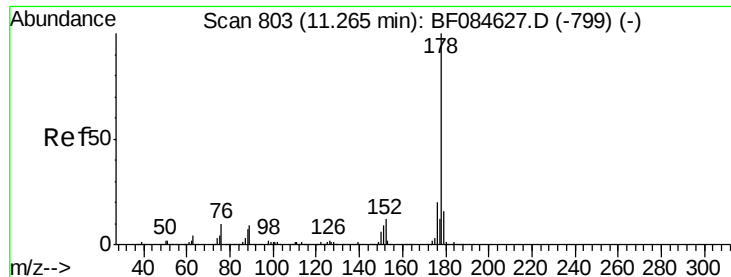


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 2.76 ng

RT: 11.26 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF084686.D

Acq: 30 Jan 2016 15:17

Instrument :

BNA_F

ClientSampleId :

SUP-B010(15-16)

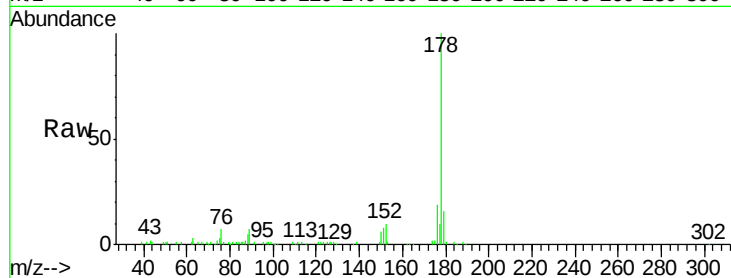
Tot Ion:178 Resp: 74775

Ion Ratio Lower Upper

178 100

176 19.3 15.3 22.9

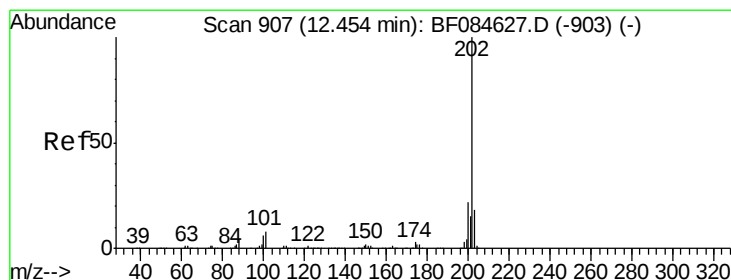
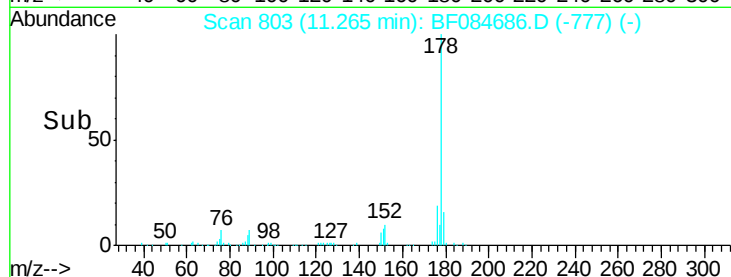
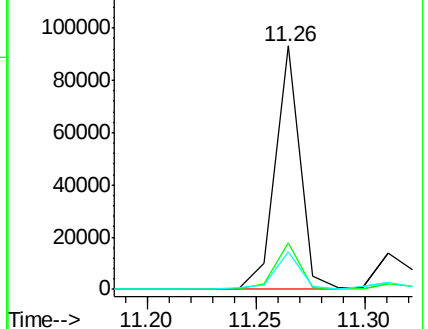
179 15.6 12.0 18.0



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: 3.61 ng

RT: 12.45 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF084686.D

Acq: 30 Jan 2016 15:17

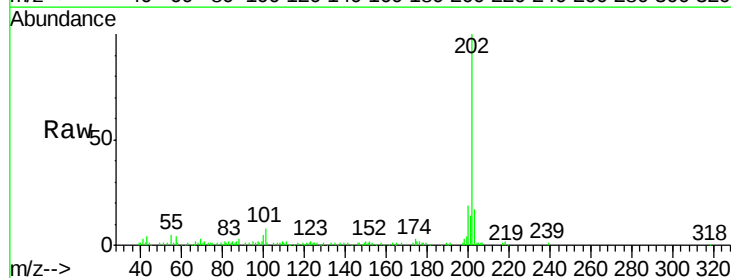
Tgt Ion:202 Resp: 96707

Ion Ratio Lower Upper

202 100

101 7.7 0.0 32.8

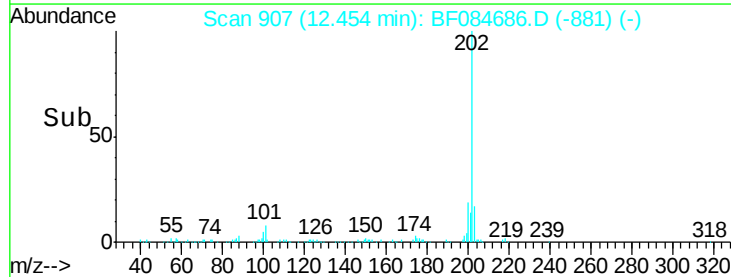
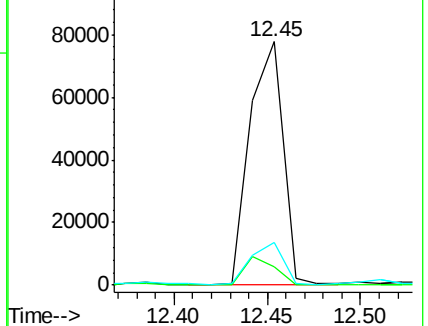
203 17.5 0.0 37.9

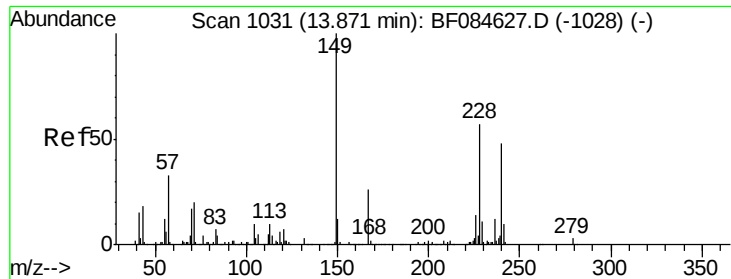


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF084686.D

Acq: 30 Jan 2016 15:17

Instrument :

BNA_F

ClientSampleId :

SUP-B010(15-16)

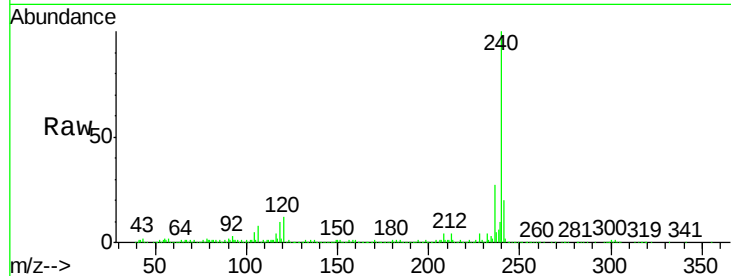
Tot Ion:240 Resp: 370752

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

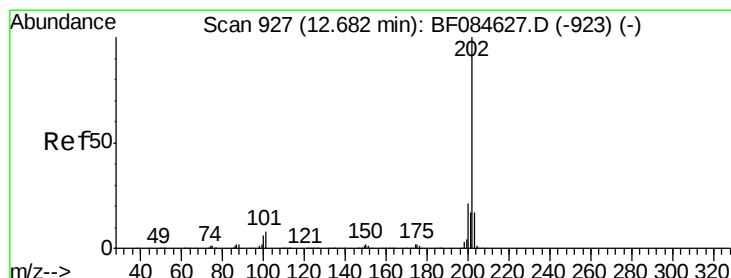
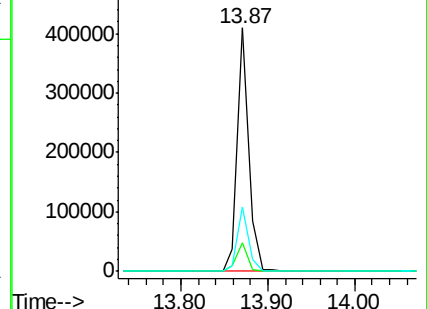
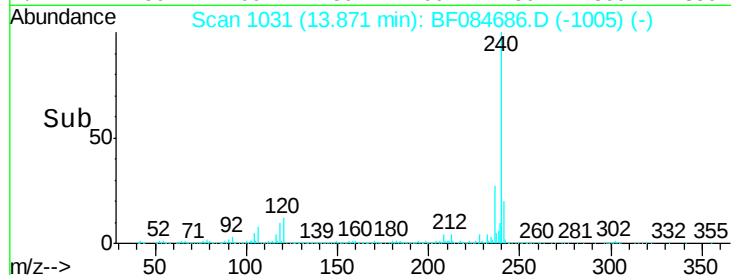
236 26.6 20.6 31.0



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



#77

Pyrene

Concen: 3.25 ng

RT: 12.67 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF084686.D

Acq: 30 Jan 2016 15:17

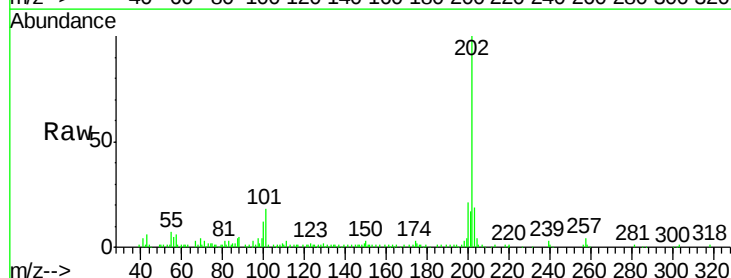
Tgt Ion:202 Resp: 90892

Ion Ratio Lower Upper

202 100

200 20.6 17.2 25.8

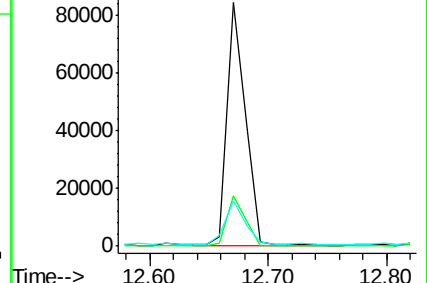
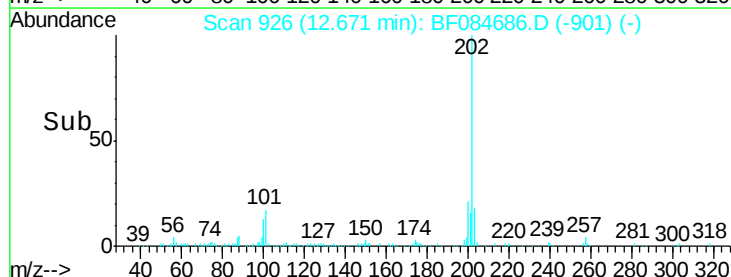
203 18.6 14.3 21.5

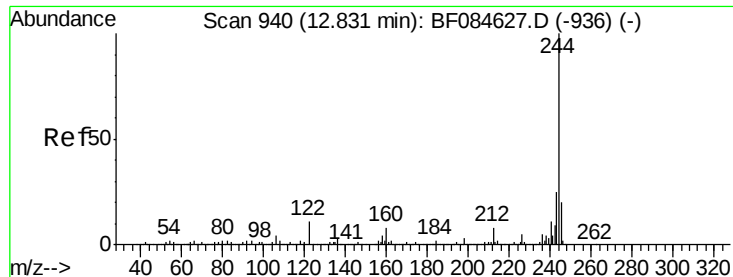


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 12.21 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF084686.D

Acq: 30 Jan 2016 15:17

Instrument :

BNA_F

ClientSampleId :

SUP-B010(15-16)

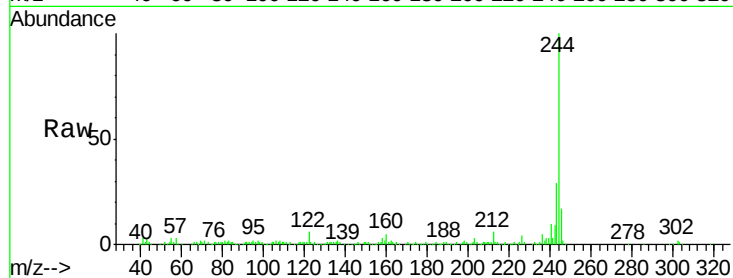
Tot Ion:244 Resp: 200398

Ion Ratio Lower Upper

244 100

212 5.7 5.7 8.5

122 5.8 7.4 11.0#

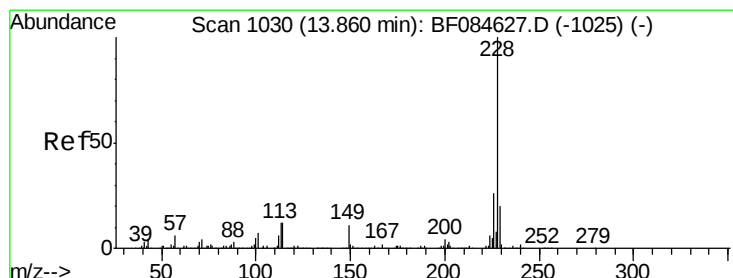
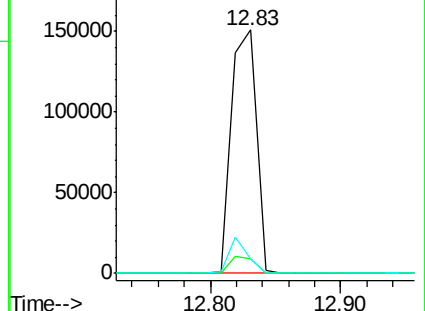
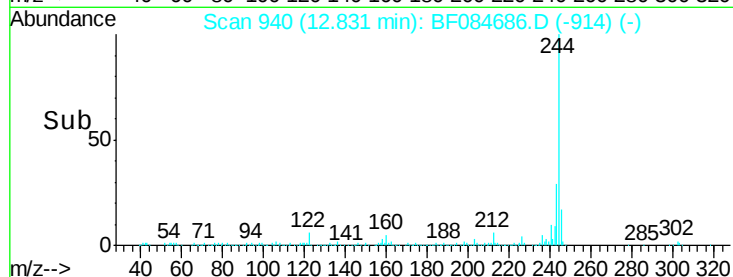


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.83



#80

Benzo(a)anthracene

Concen: 2.29 ng

RT: 13.86 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF084686.D

Acq: 30 Jan 2016 15:17

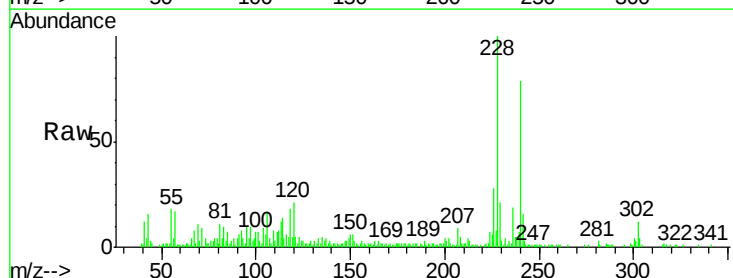
Tgt Ion:228 Resp: 52935

Ion Ratio Lower Upper

228 100

226 27.8 21.8 32.6

229 21.1 15.8 23.8

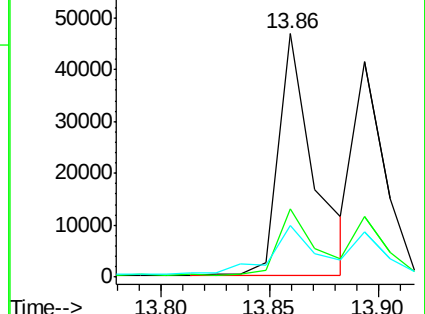
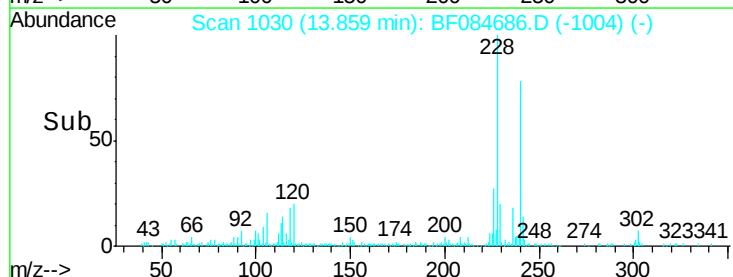


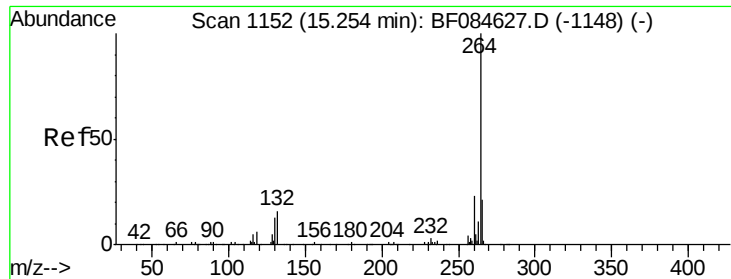
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

13.86

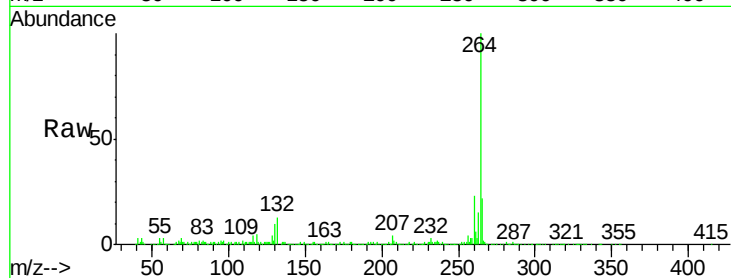




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 1153
Delta R.T. 0.01 min
Lab File: BF084686.D
Acq: 30 Jan 2016 15:17

Instrument :
BNA_F
ClientSampleId :
SUP-B010(15-16)

Tot Ion	Ion	Ratio	Lower	Upper
391604	264	100		
	260	23.5	19.4	29.2
	265	22.0	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

