

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
 Data File : BF084697.D
 Acq On : 30 Jan 2016 21:44
 Operator : SJ/IZ
 Sample : H1297-01
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-22-ELECTRICAL

Quant Time: Feb 01 03:48:53 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

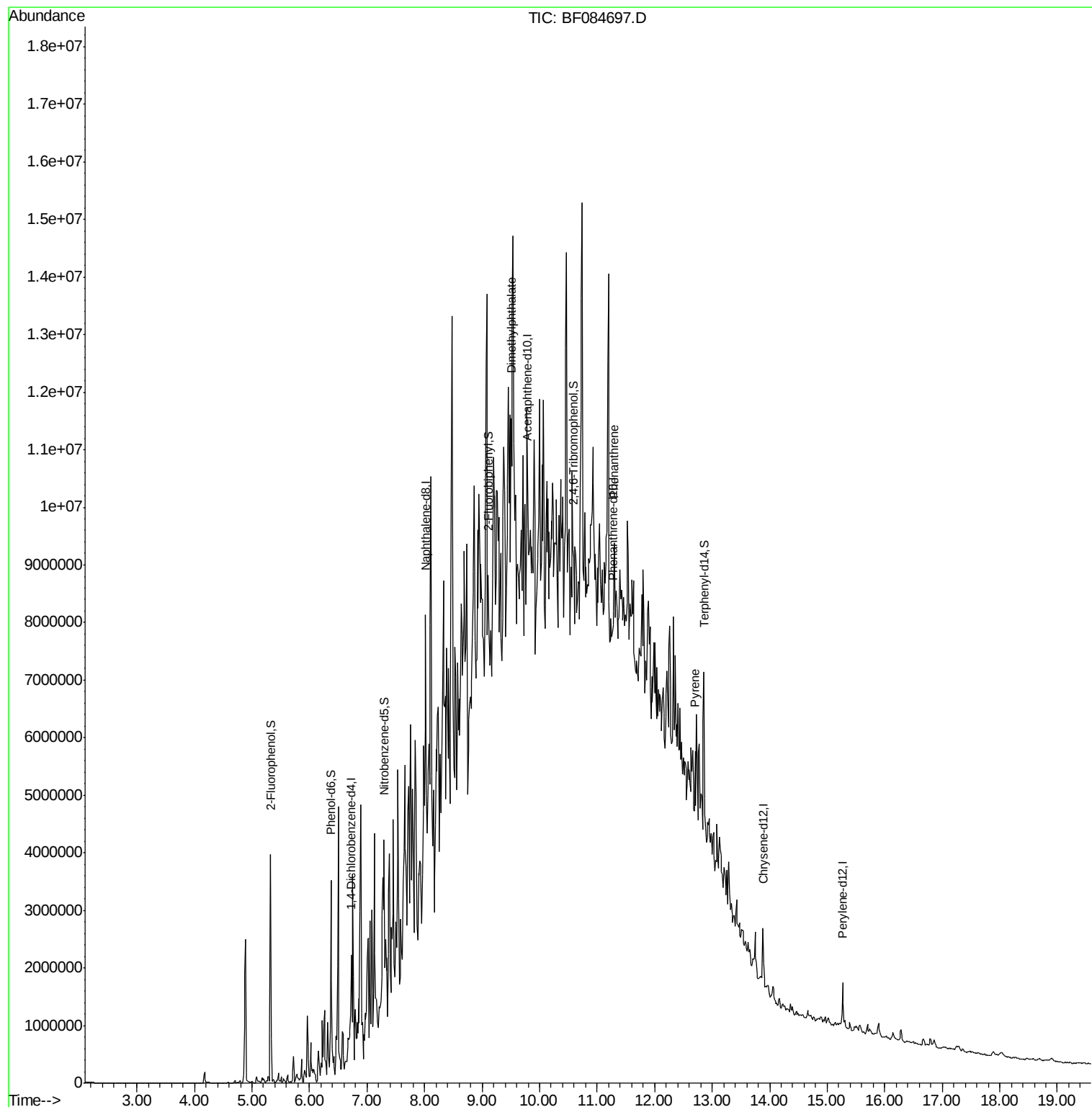
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	150107	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	438283	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	161405	20.00	ng	0.02
63) Phenanthrene-d10	11.28	188	261767	20.00	ng	0.03
75) Chrysene-d12	13.88	240	349272	20.00	ng	0.01
86) Perylene-d12	15.27	264	373381	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1069168	107.52	ng	0.01
7) Phenol-d6	6.37	99	1280225	107.41	ng	0.00
23) Nitrobenzene-d5	7.30	82	946462	120.68	ng	0.00
41) 2,4,6-Tribromophenol	10.58	330	180328	106.60	ng	0.02
44) 2-Fluorobiphenyl	9.10	172	993221	91.47	ng	0.01
78) Terphenyl-d14	12.85	244	926622	59.92	ng	0.02
Target Compounds						
49) Dimethylphthalate	9.50	163	228204	18.84	ng	# 65
70) Phenanthrene	11.30	178	492001	33.99	ng	# 85
77) Pyrene	12.70	202	378257	14.36	ng	# 95

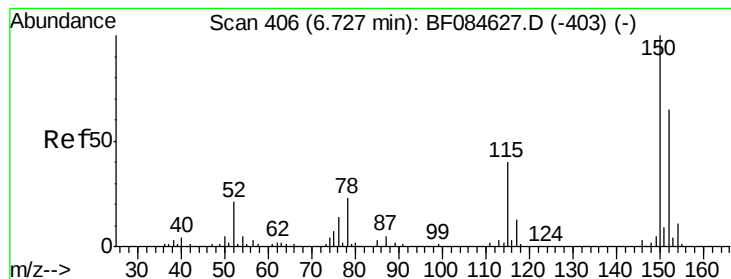
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
Data File : BF084697.D
Acq On : 30 Jan 2016 21:44
Operator : SJ/IZ
Sample : H1297-01
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-22-ELECTRICAL

Quant Time: Feb 01 03:48:53 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

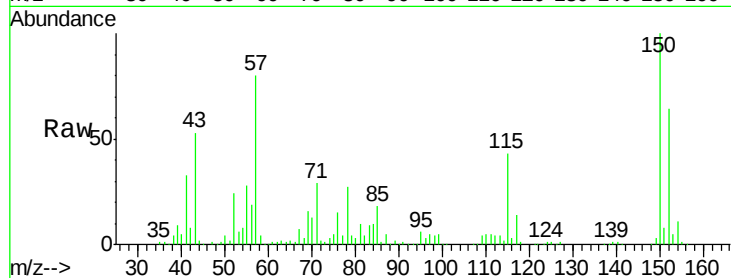




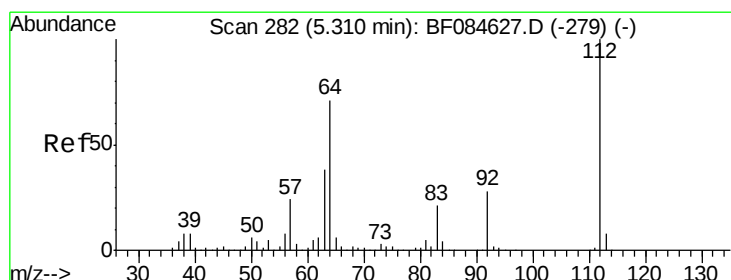
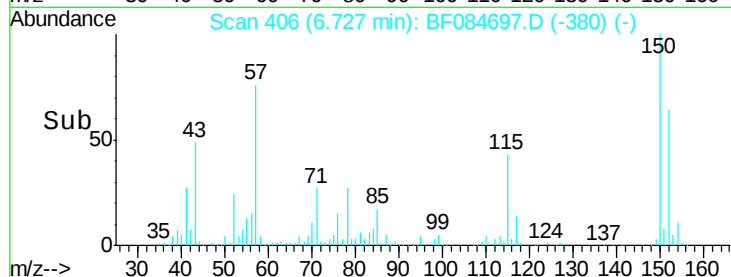
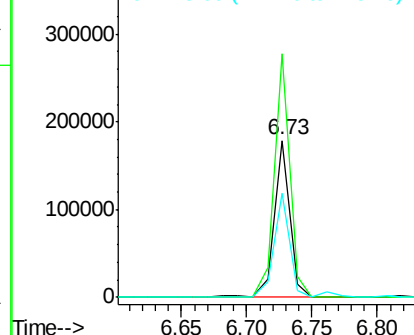
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.73 min Scan# 406
 Delta R.T. -0.00 min
 Lab File: BF084697.D
 Acq: 30 Jan 2016 21:44

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-22-ELECTRICAL

Tot Ion:152 Resp: 150107
 Ion Ratio Lower Upper
 152 100
 150 155.5 123.0 184.4
 115 66.3 51.4 77.2

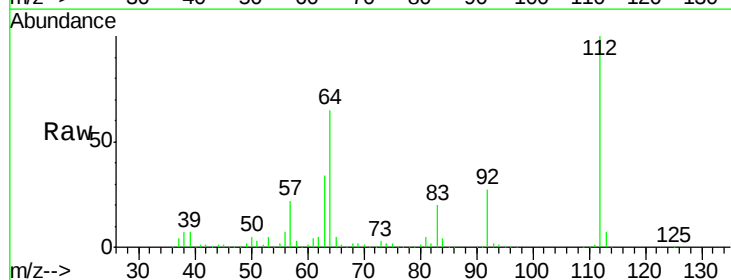


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

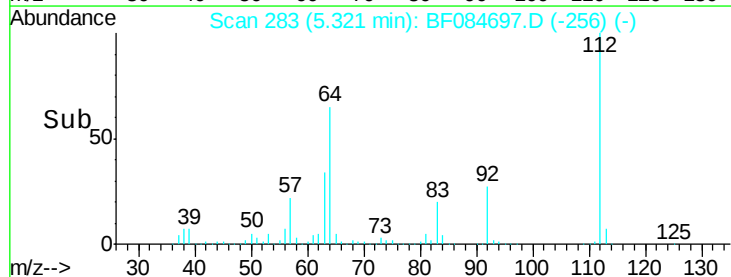
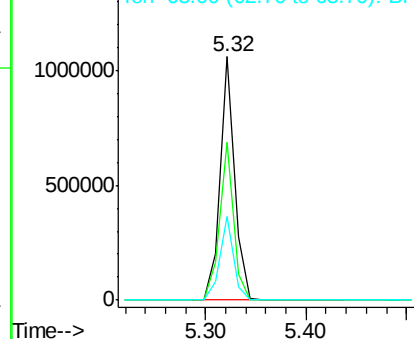


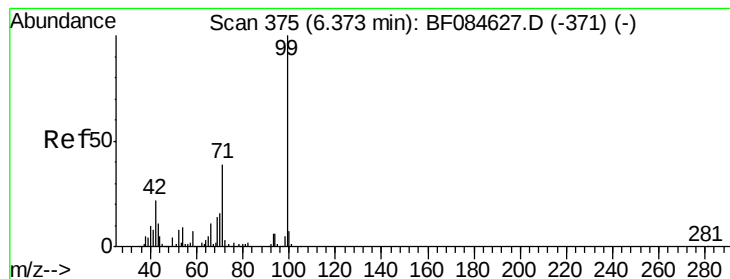
#5
 2-Fluorophenol
 Concen: 107.52 ng
 RT: 5.32 min Scan# 283
 Delta R.T. 0.01 min
 Lab File: BF084697.D
 Acq: 30 Jan 2016 21:44

Tgt Ion:112 Resp: 1069168
 Ion Ratio Lower Upper
 112 100
 64 65.0 36.6 55.0#
 63 34.2 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: 107.41 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF084697.D

Acq: 30 Jan 2016 21:44

Instrument :

BNA_F

ClientSampleId :

SAMPLE-22-ELECTRICAL

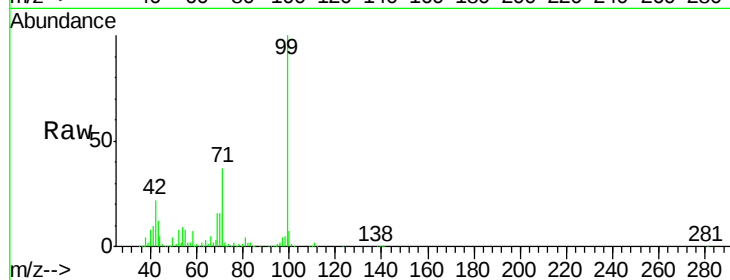
Tot Ion: 99 Resp: 1280225

Ion Ratio Lower Upper

99 100

42 21.6 12.8 19.2#

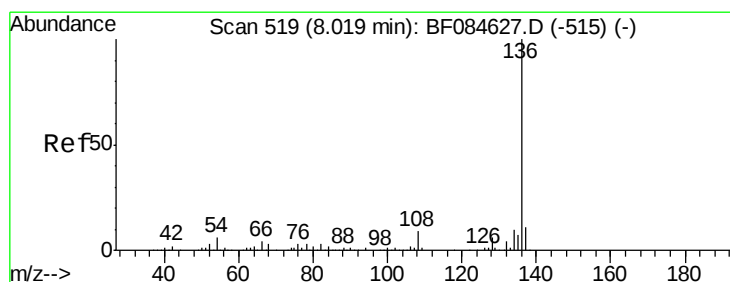
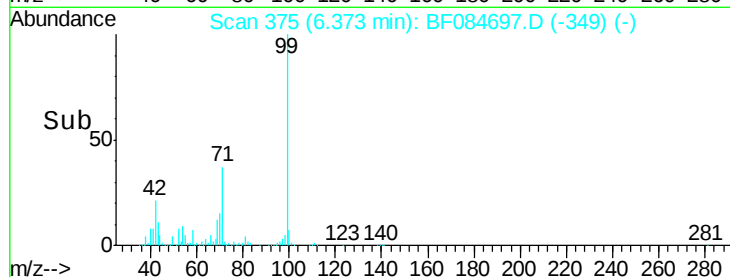
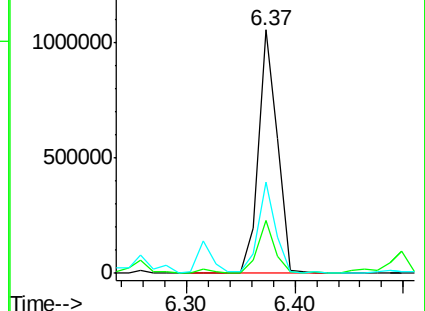
71 37.5 30.9 46.3



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: 8.02 min Scan# 519

Delta R.T. -0.00 min

Lab File: BF084697.D

Acq: 30 Jan 2016 21:44

Tgt Ion: 136 Resp: 438283

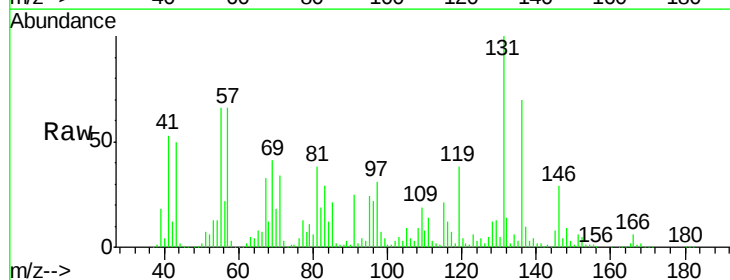
Ion Ratio Lower Upper

136 100

137 14.9 8.7 13.1#

54 19.1 5.8 8.8#

68 17.6 4.2 6.2#

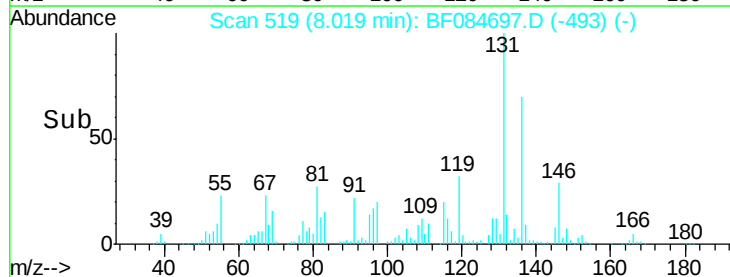
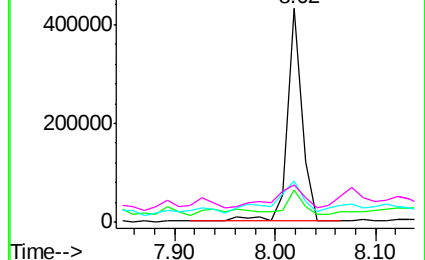


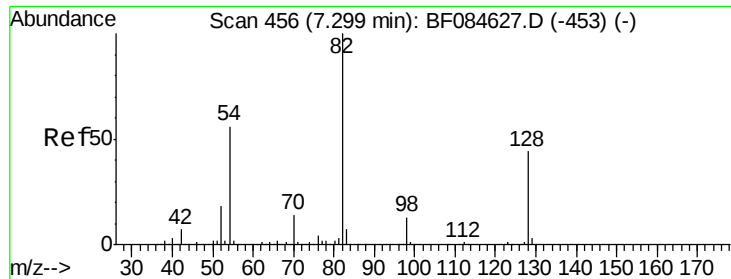
Abundance Ion 136.00 (135.70 to 136.70): E

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

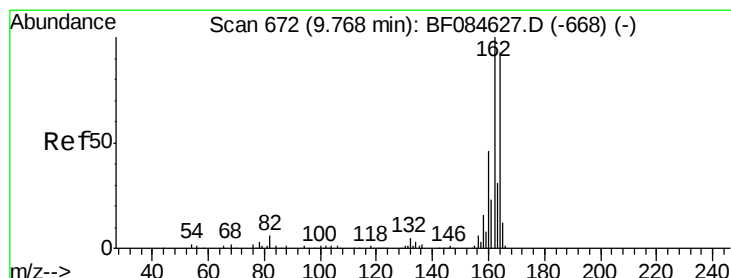
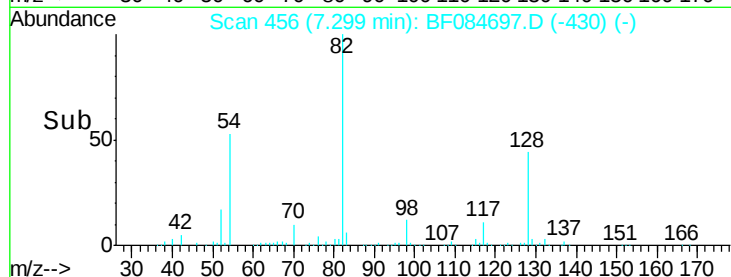
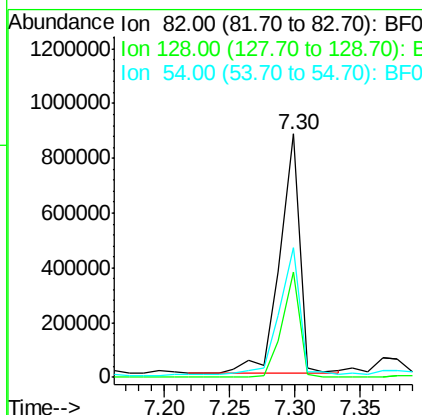
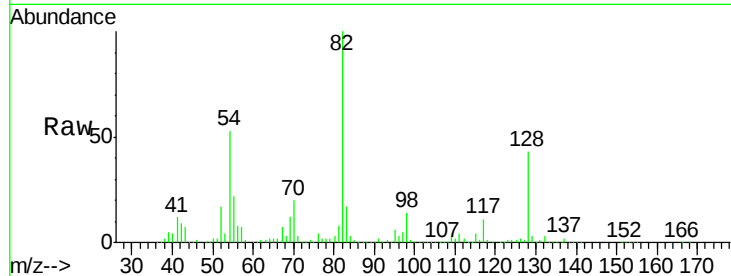




#23
 Nitrobenzene-d5
 Concen: 120.68 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.00 min
 Lab File: BF084697.D
 Acq: 30 Jan 2016 21:44

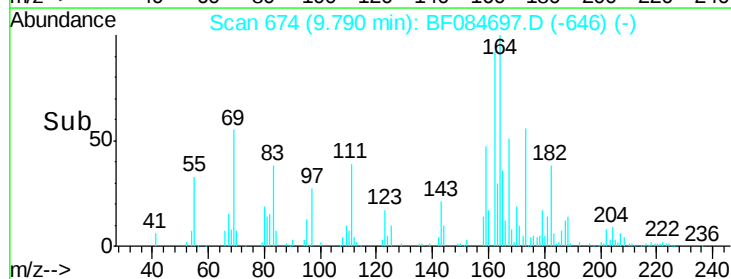
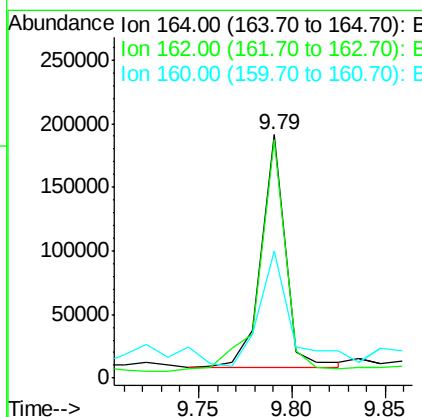
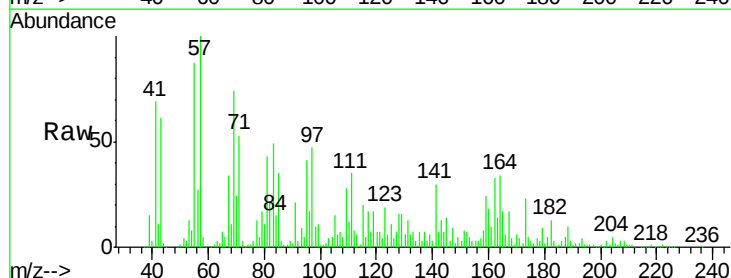
Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-22-ELECTRICAL

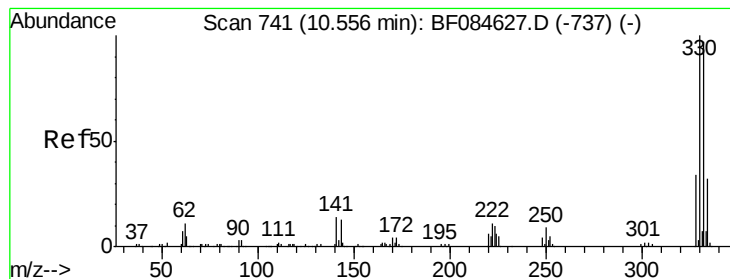
Tot Ion	82	Resp	946462
Ion Ratio	Lower	Upper	
82	100		
128	43.5	34.6	51.8
54	53.5	38.4	57.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 674
 Delta R.T. 0.02 min
 Lab File: BF084697.D
 Acq: 30 Jan 2016 21:44

Tgt Ion	164	Resp	161405
Ion Ratio	Lower	Upper	
164	100		
162	97.9	85.1	127.7
160	52.2	37.5	56.3





#41

2,4,6-Tribromophenol

Concen: 106.60 ng

RT: 10.58 min Scan# 743

Delta R.T. 0.02 min

Lab File: BF084697.D

Acq: 30 Jan 2016 21:44

Instrument :

BNA_F

ClientSampleId :

SAMPLE-22-ELECTRICAL

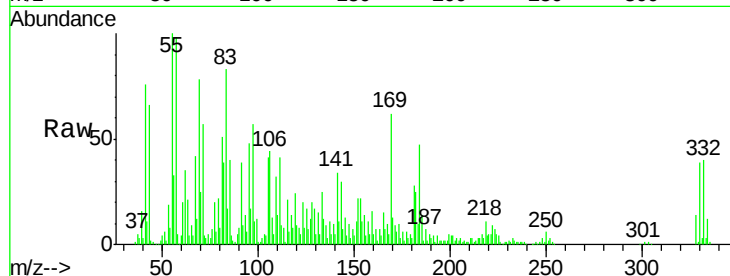
Tot Ion:330 Resp: 180328

Ion Ratio Lower Upper

330 100

332 98.8 76.6 114.8

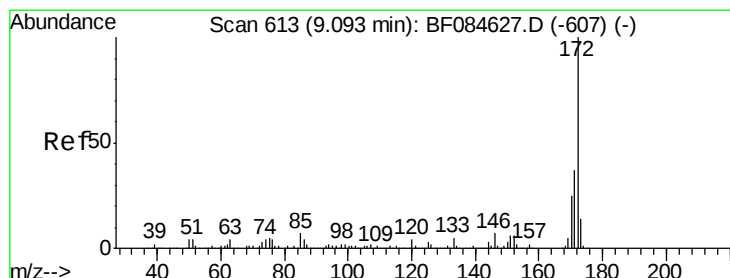
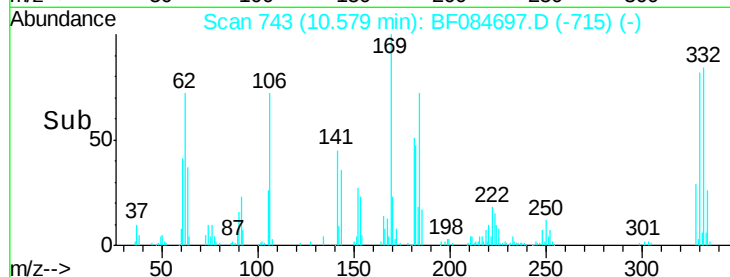
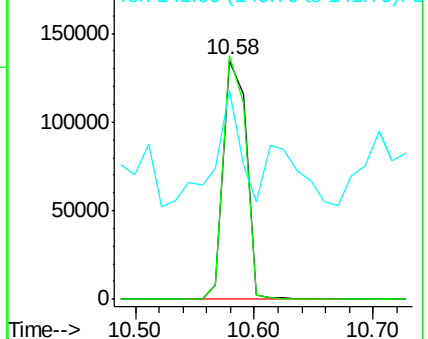
141 47.4 27.8 41.6#



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: 91.47 ng

RT: 9.10 min Scan# 614

Delta R.T. 0.01 min

Lab File: BF084697.D

Acq: 30 Jan 2016 21:44

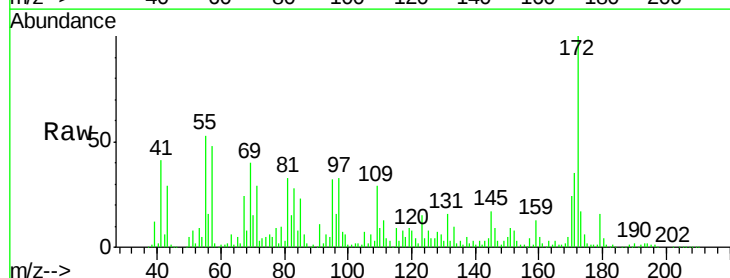
Tgt Ion:172 Resp: 993221

Ion Ratio Lower Upper

172 100

171 35.2 28.9 43.3

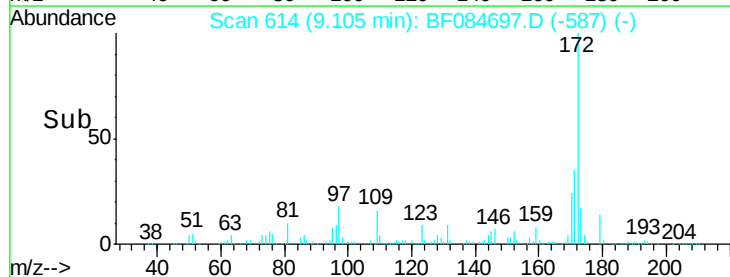
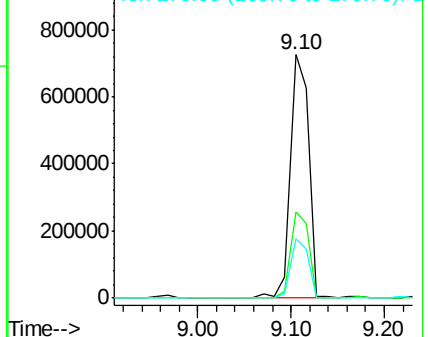
170 24.1 18.6 27.8

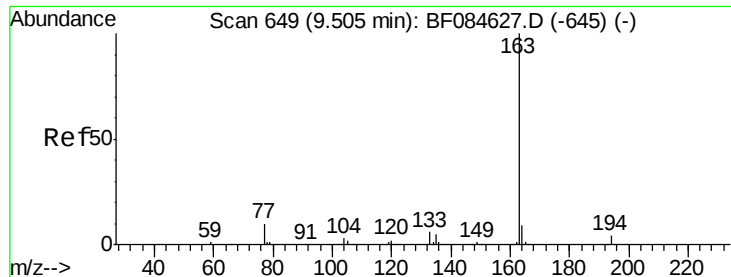


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

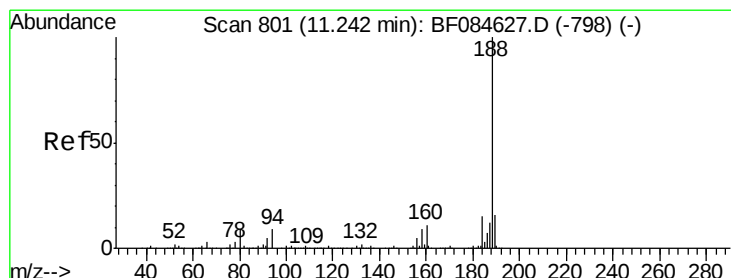
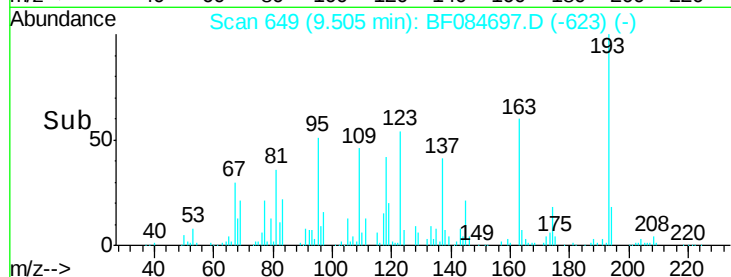
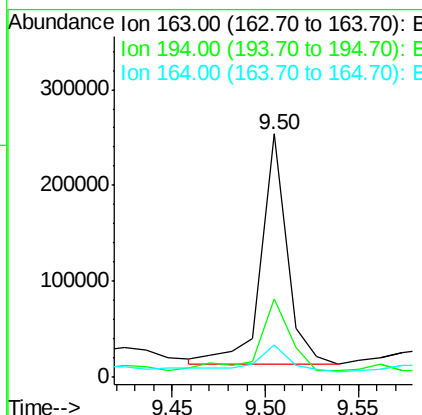
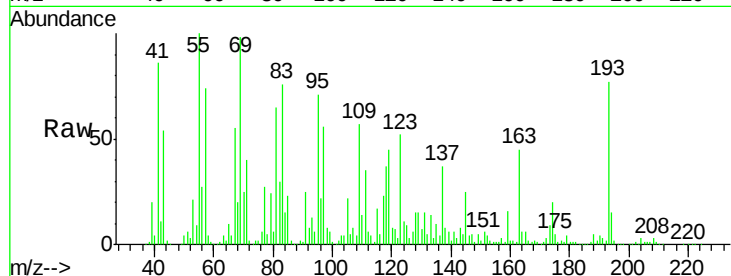




#49
Dimethylphthalate
Concen: 18.84 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.00 min
Lab File: BF084697.D
Acq: 30 Jan 2016 21:44

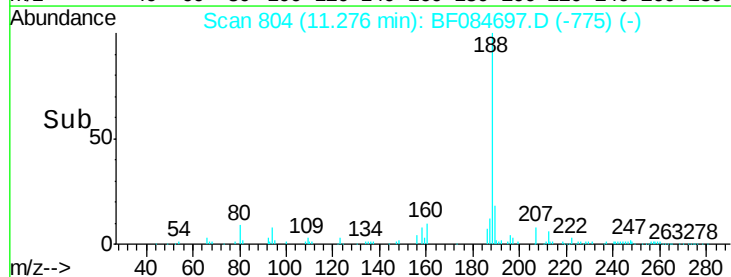
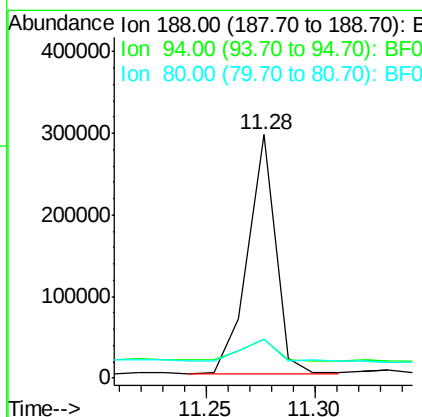
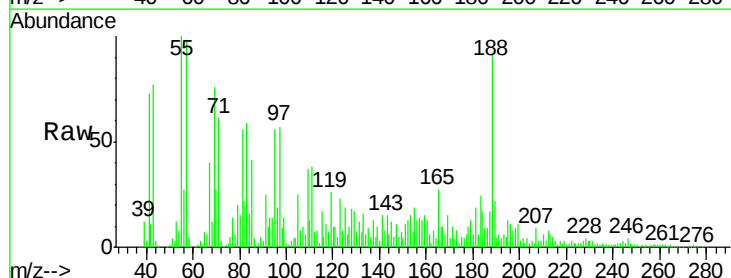
Instrument :
BNA_F
ClientSampleId :
SAMPLE-22-ELECTRICAL

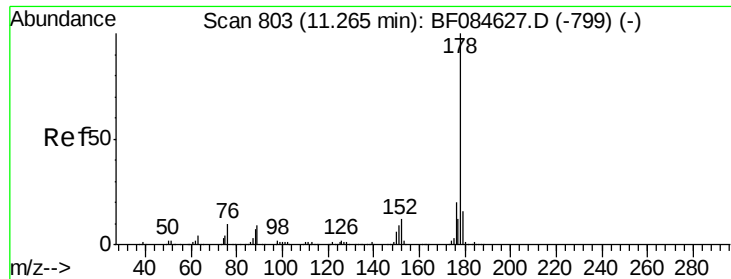
Tot Ion:163 Resp: 228204
Ion Ratio Lower Upper
163 100
194 32.5 8.0 12.0#
164 13.5 8.0 12.0#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. 0.03 min
Lab File: BF084697.D
Acq: 30 Jan 2016 21:44

Tgt Ion:188 Resp: 261767
Ion Ratio Lower Upper
188 100
94 15.7 9.0 13.4#
80 15.9 9.6 14.4#





#70

Phenanthrene

Concen: 33.99 ng

RT: 11.30 min Scan# 806

Delta R.T. 0.03 min

Lab File: BF084697.D

Acq: 30 Jan 2016 21:44

Instrument :

BNA_F

ClientSampleId :

SAMPLE-22-ELECTRICAL

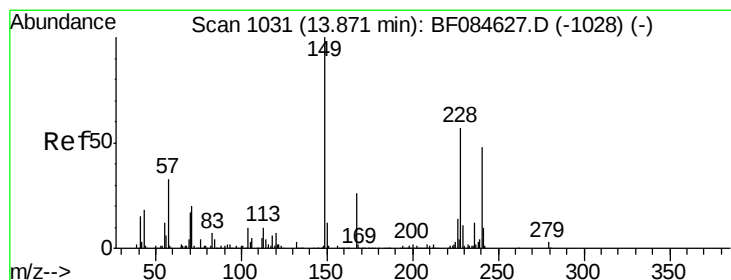
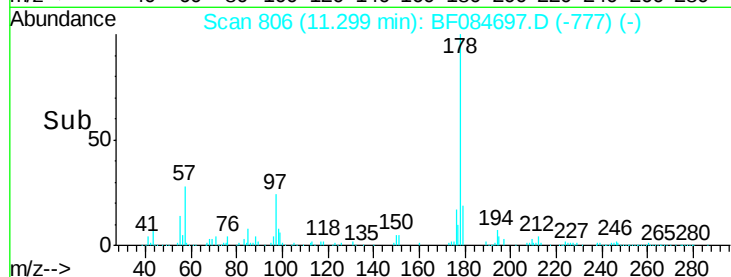
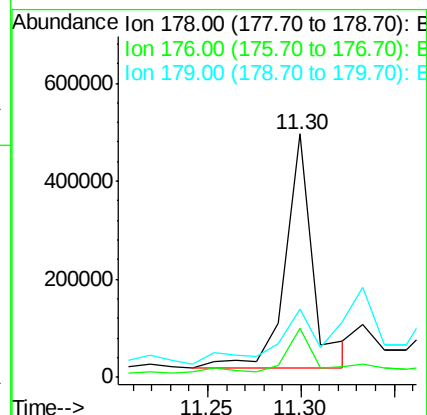
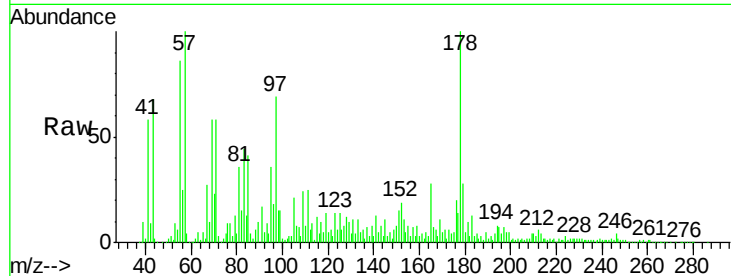
Tot Ion:178 Resp: 492001

Ion Ratio Lower Upper

178 100

176 20.1 15.3 22.9

179 28.0 12.0 18.0#



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.88 min Scan# 1032

Delta R.T. 0.01 min

Lab File: BF084697.D

Acq: 30 Jan 2016 21:44

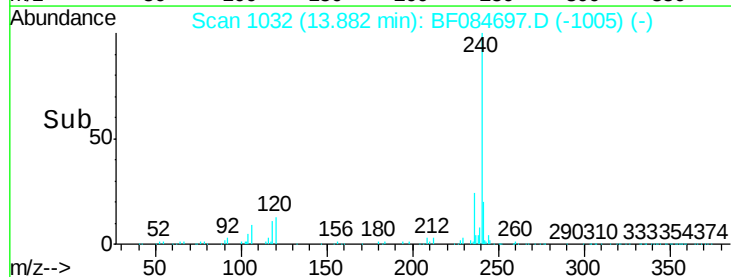
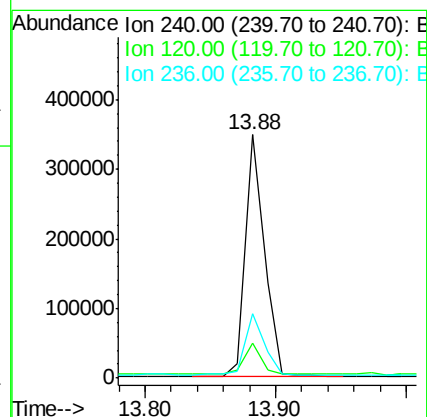
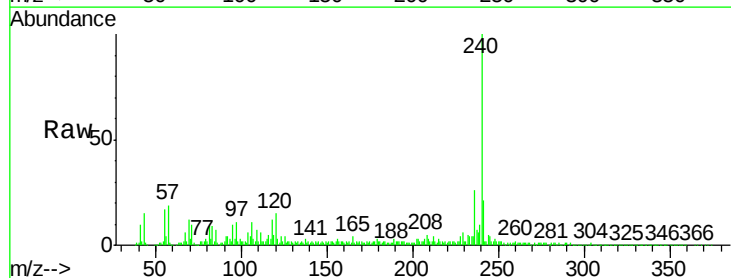
Tgt Ion:240 Resp: 349272

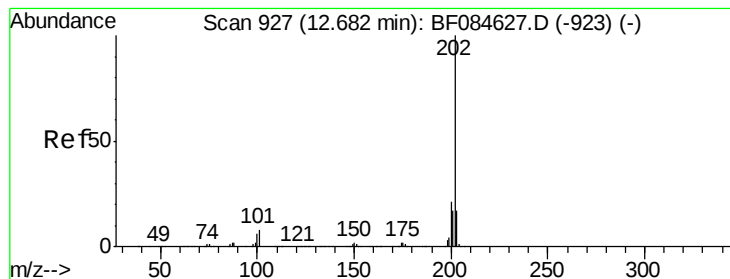
Ion Ratio Lower Upper

240 100

120 14.6 9.5 14.3#

236 26.2 20.6 31.0





#77

Pvrene

Concen: 14.36 ng

RT: 12.70 min Scan# 929

Delta R.T. 0.02 min

Lab File: BF084697.D

Acq: 30 Jan 2016 21:44

Instrument :

BNA_F

ClientSampleId :

SAMPLE-22-ELECTRICAL

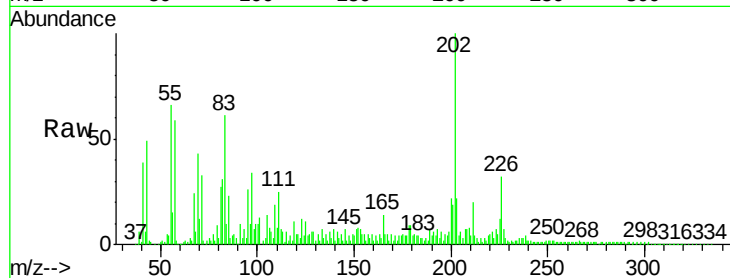
Tot Ion:202 Resp: 378257

Ion Ratio Lower Upper

202 100

200 22.1 17.2 25.8

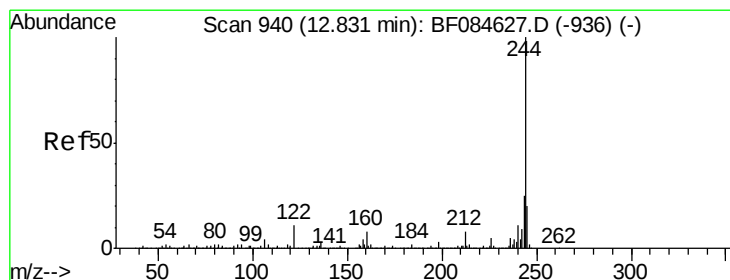
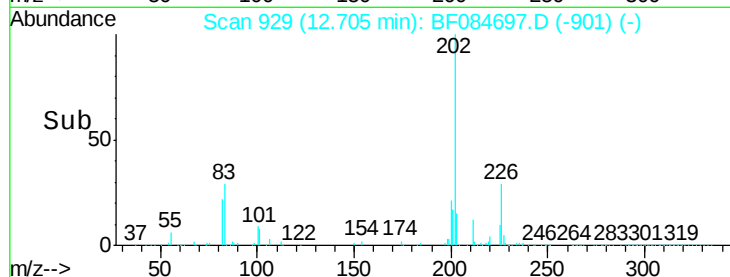
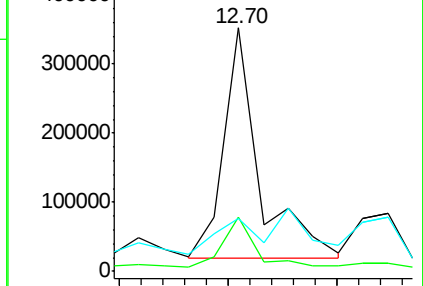
203 22.0 14.3 21.5#



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: 59.92 ng

RT: 12.85 min Scan# 942

Delta R.T. 0.02 min

Lab File: BF084697.D

Acq: 30 Jan 2016 21:44

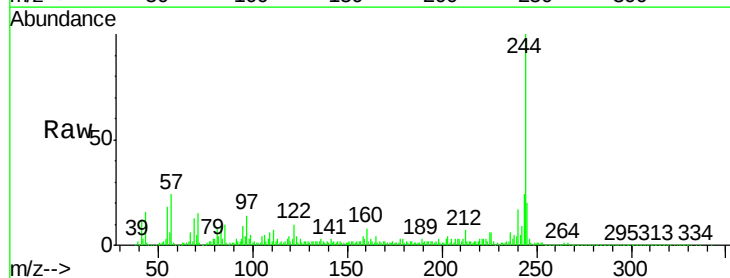
Tgt Ion:244 Resp: 926622

Ion Ratio Lower Upper

244 100

212 7.5 5.7 8.5

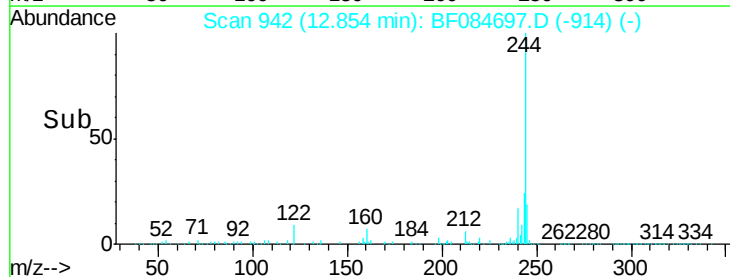
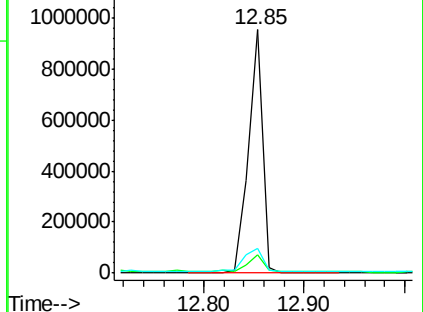
122 10.2 7.4 11.0

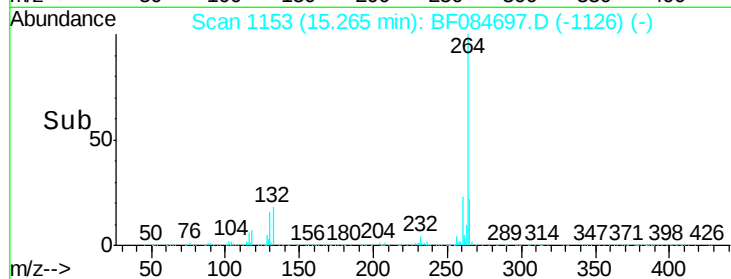
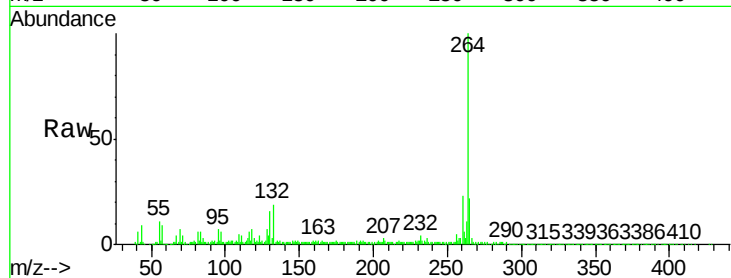
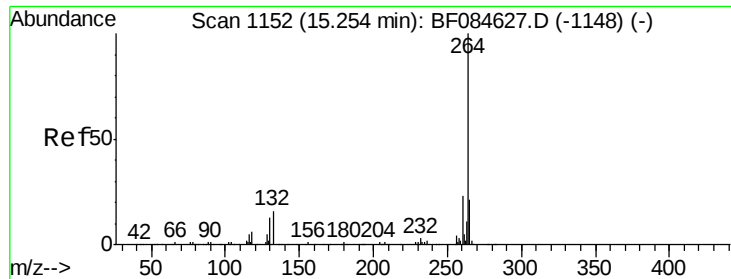


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.27 min Scan# 1153

Delta R.T. 0.01 min

Lab File: BF084697.D

Acq: 30 Jan 2016 21:44

Instrument :

BNA_F

ClientSampleId :

SAMPLE-22-ELECTRICAL

Tot Ion: 264 Resp: 373381

Ion Ratio Lower Upper

264 100

260 23.2 19.4 29.2

265 22.3 17.8 26.6

