

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022017\
 Data File : BF093065.D
 Acq On : 21 Feb 2017 9:57
 Operator : SJ/MA
 Sample : I1897-03
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 021417-PRRT-F-U-M

Quant Time: Feb 21 13:27:36 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

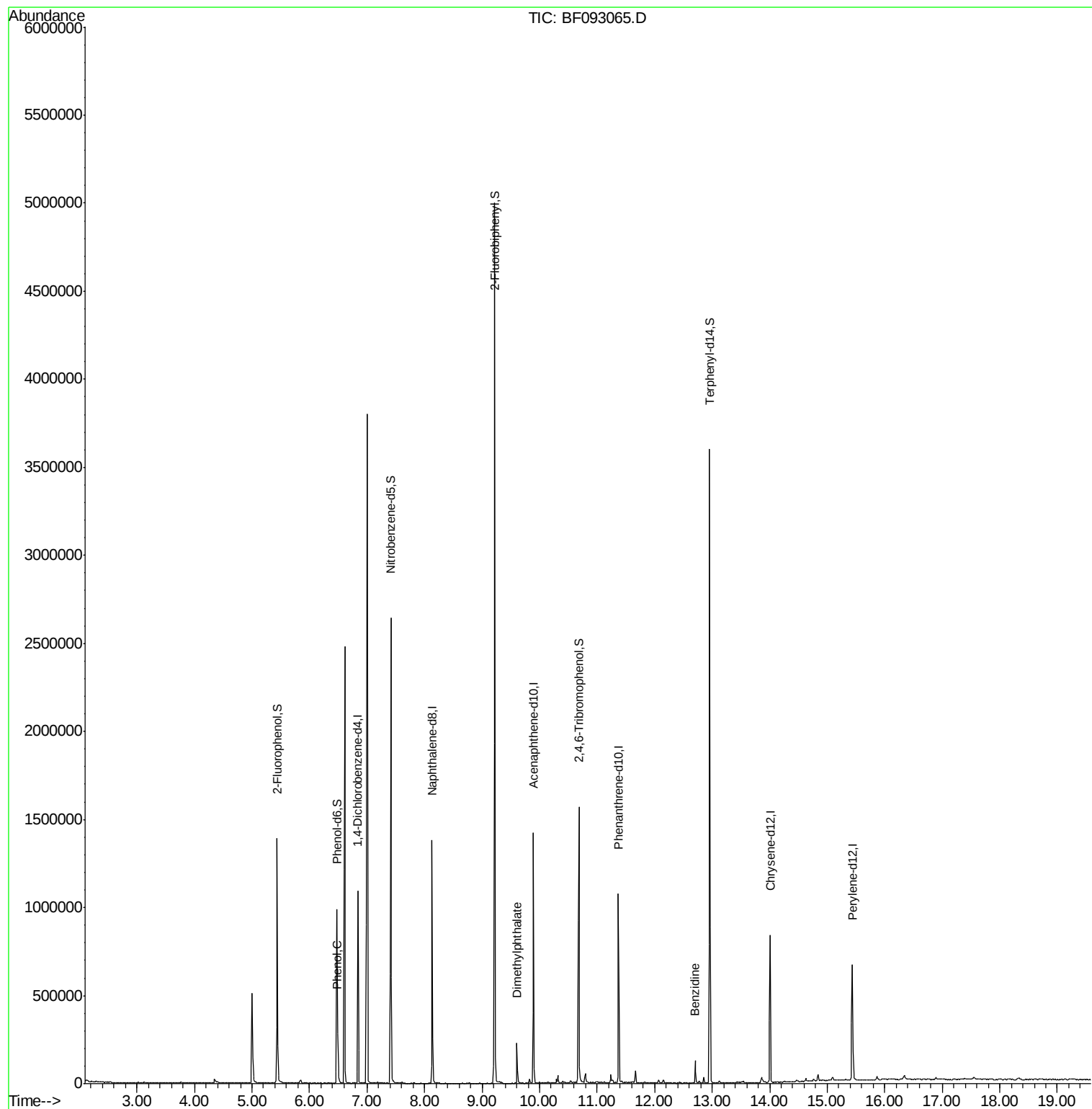
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	152989	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	598012	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	280802	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	466416	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	324783	20.00	ng	-0.01
86) Perylene-d12	15.44	264	289472	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	392522	44.02	ng	-0.01
7) Phenol-d6	6.48	99	309217	26.95	ng	-0.01
23) Nitrobenzene-d5	7.41	82	914057	85.12	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	215653	106.18	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1671090	107.82	ng	0.00
78) Terphenyl-d14	12.96	244	1186307	85.82	ng	-0.01
Target Compounds						
10) Phenol	6.49	94	51590	3.84	ng	Qvalue # 74
49) Dimethylphthalate	9.61	163	99261	5.25	ng	97
76) Benzidine	12.71	184	63353	4.58	ng	96

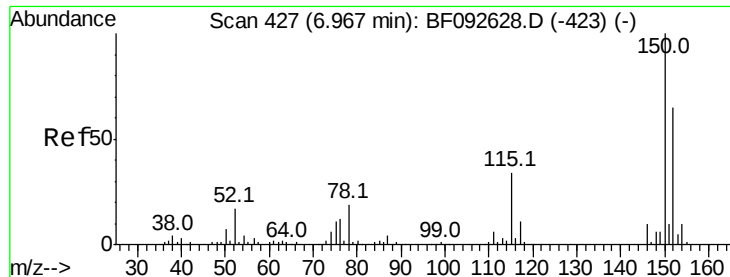
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF093065.D

Acq: 21 Feb 2017 9:57

Instrument :

BNA_F

ClientSampleId :

021417-PRRT-F-U-M

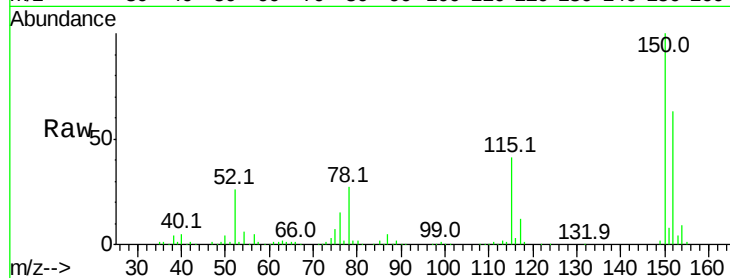
Tot Ion:152 Resp: 152989

Ion Ratio Lower Upper

152 100

150 159.1 124.9 187.3

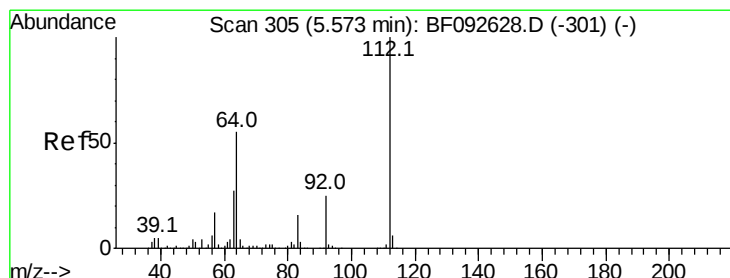
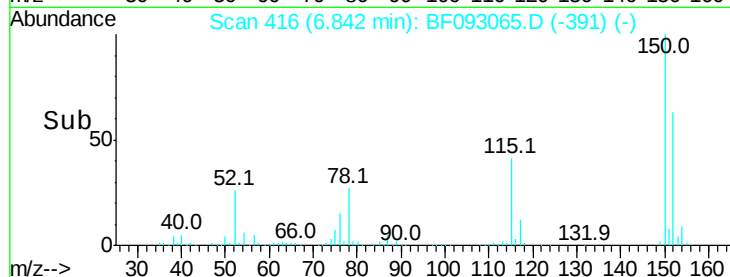
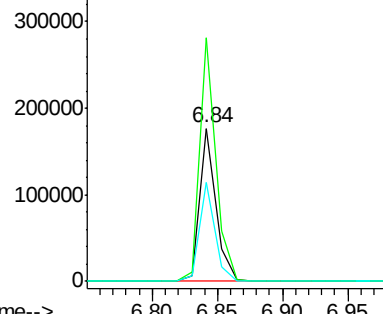
115 64.6 46.0 69.0



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: 44.02 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF093065.D

Acq: 21 Feb 2017 9:57

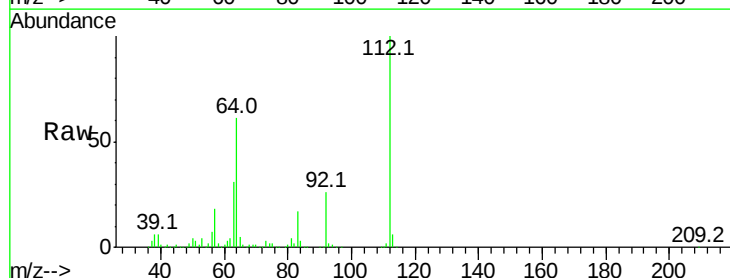
Tgt Ion:112 Resp: 392522

Ion Ratio Lower Upper

112 100

64 61.5 46.1 69.1

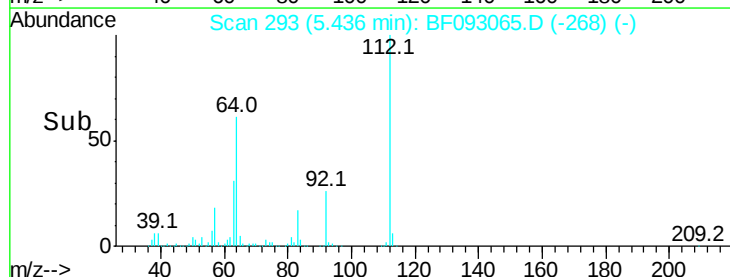
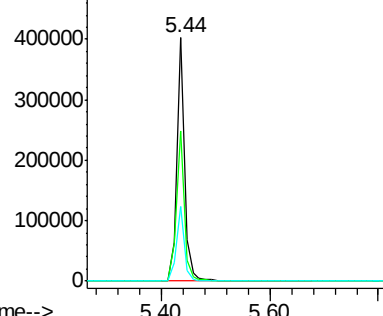
63 30.6 23.8 35.6

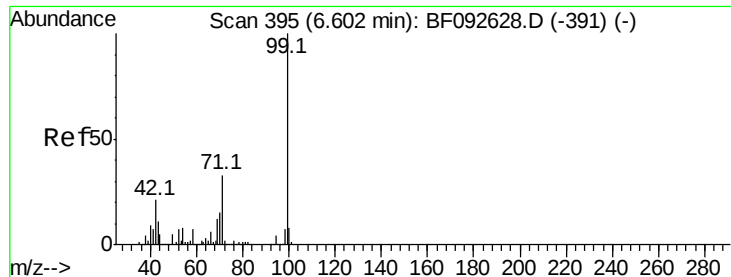


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 26.95 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093065.D

Acq: 21 Feb 2017 9:57

Instrument :

BNA_F

ClientSampleId :

021417-PRRT-F-U-M

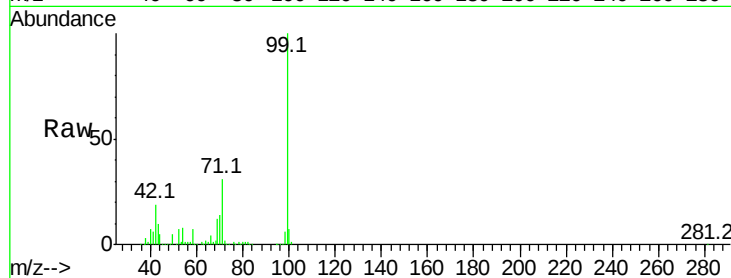
Tot Ion: 99 Resp: 309217

Ion Ratio Lower Upper

99 100

42 19.5 15.6 23.4

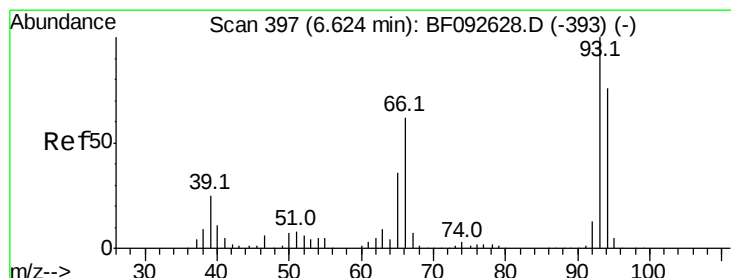
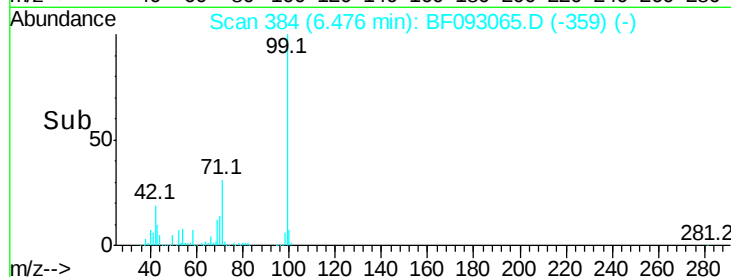
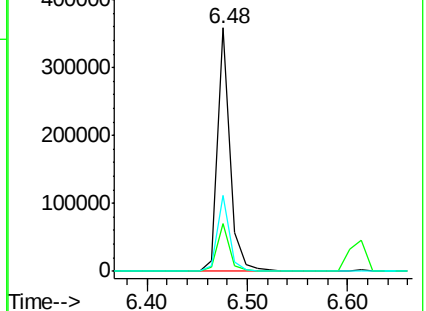
71 31.2 27.5 41.3



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



#10

Phenol

Concen: 3.84 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF093065.D

Acq: 21 Feb 2017 9:57

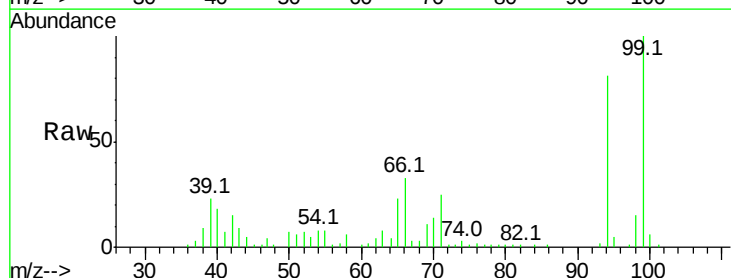
Tgt Ion: 94 Resp: 51590

Ion Ratio Lower Upper

94 100

65 28.8 21.4 61.4

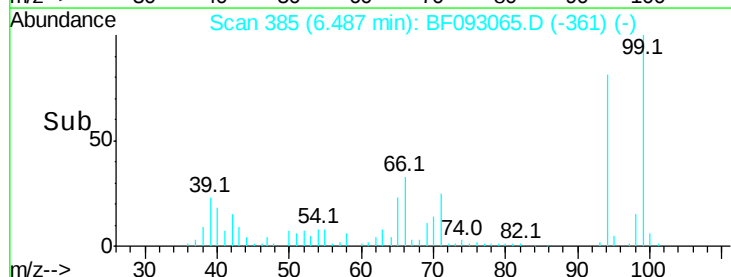
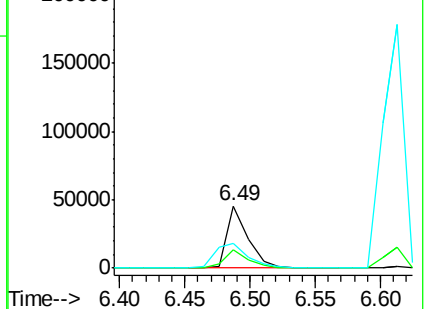
66 40.4 44.0 84.0#

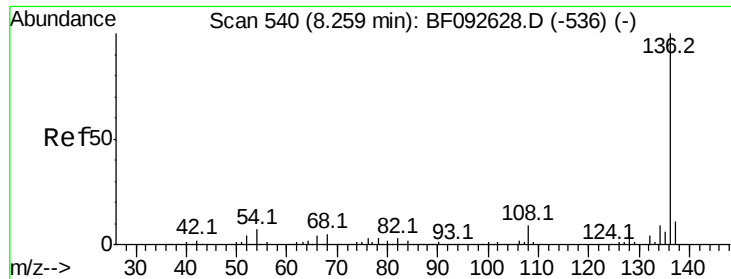


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

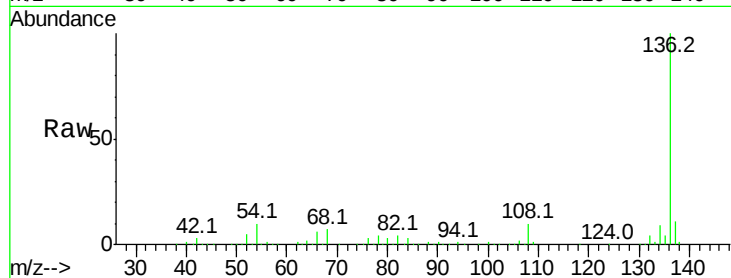




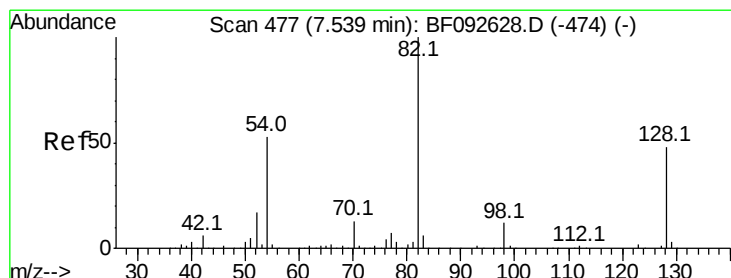
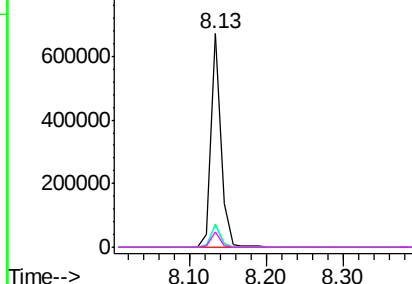
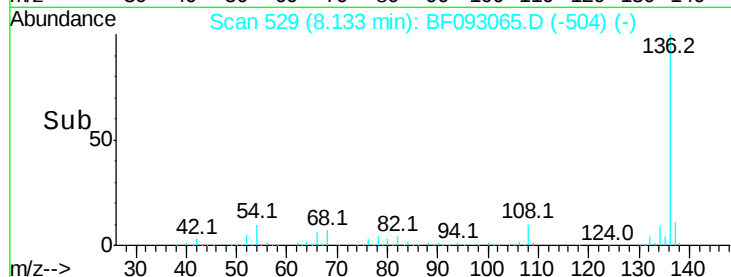
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF093065.D
Acq: 21 Feb 2017 9:57

Instrument :
BNA_F
ClientSampleId :
021417-PRRT-F-U-M

Tot Ion:	136	Resp:	598012
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	10.5	4.5	6.7#
68	7.3	3.6	5.4#

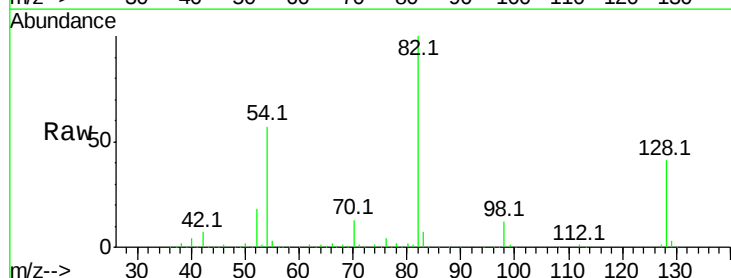


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

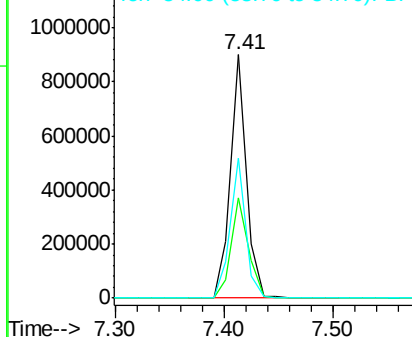
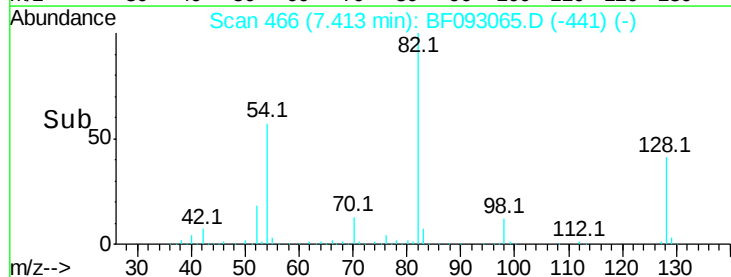


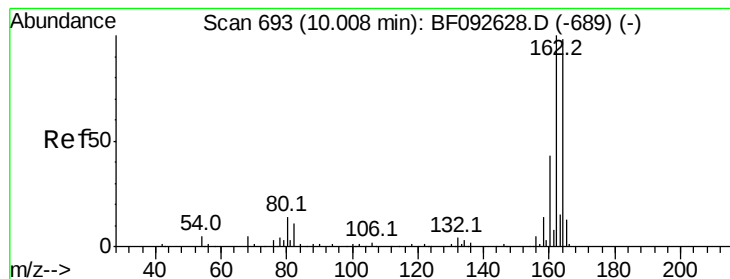
#23
Nitrobenzene-d5
Concen: 85.12 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF093065.D
Acq: 21 Feb 2017 9:57

Tgt Ion:	82	Resp:	914057
Ion	Ratio	Lower	Upper
82	100		
128	41.2	34.6	52.0
54	57.4	39.5	59.3



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: 9.89 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF093065.D

Acq: 21 Feb 2017 9:57

Instrument :

BNA_F

ClientSampleId :

021417-PRRT-F-U-M

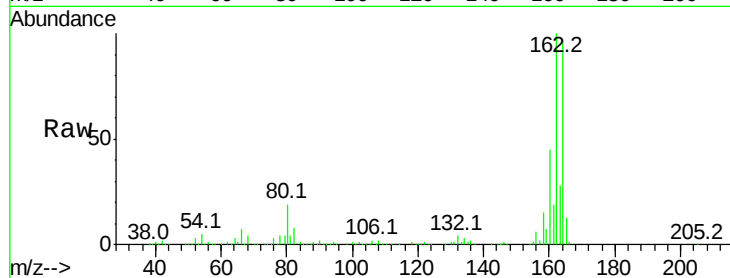
Tot Ion:164 Resp: 280802

Ion Ratio Lower Upper

164 100

162 103.0 80.2 120.2

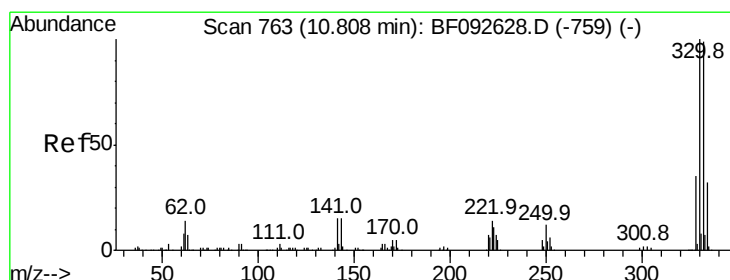
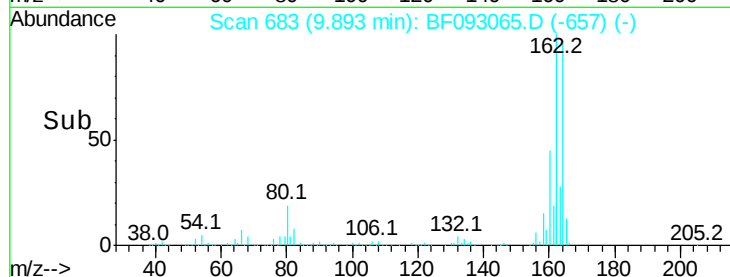
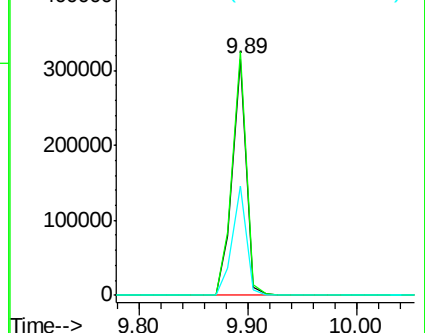
160 46.1 36.9 55.3



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



#41

2,4,6-Tribromophenol

Concen: 106.18 ng

RT: 10.68 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF093065.D

Acq: 21 Feb 2017 9:57

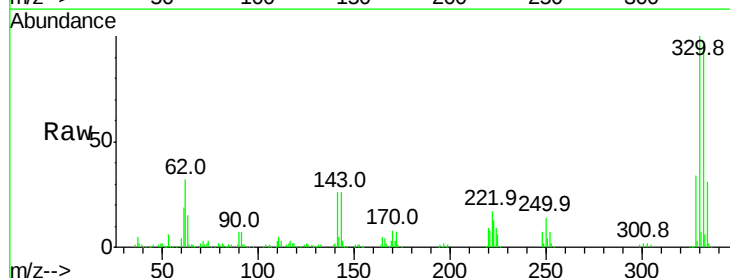
Tgt Ion:330 Resp: 215653

Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.2

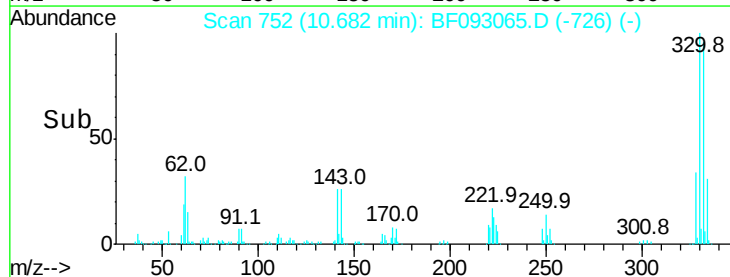
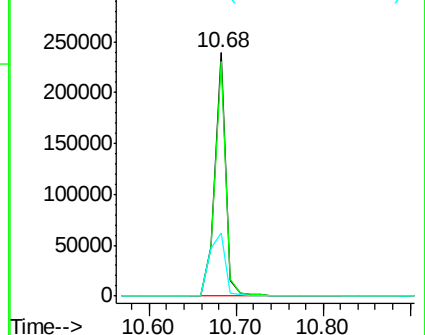
141 36.9 34.1 51.1

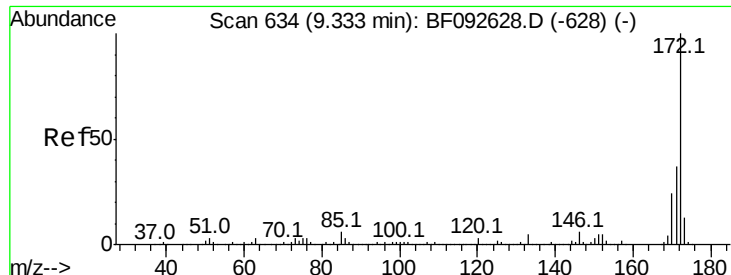


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



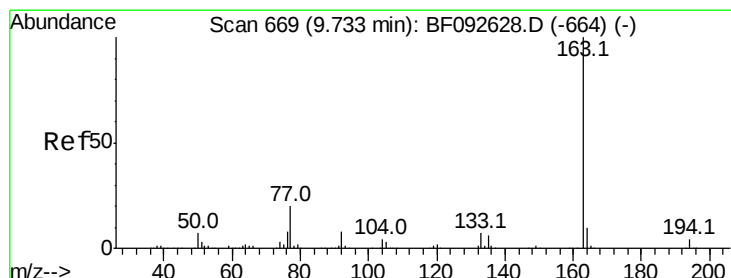
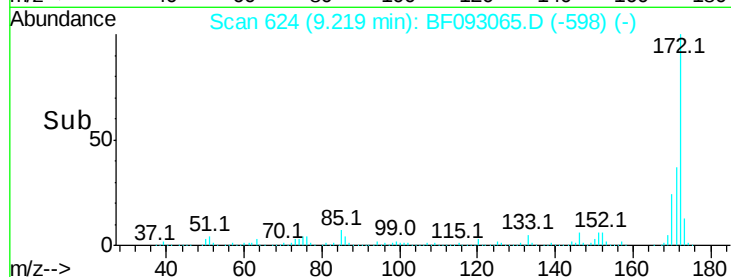
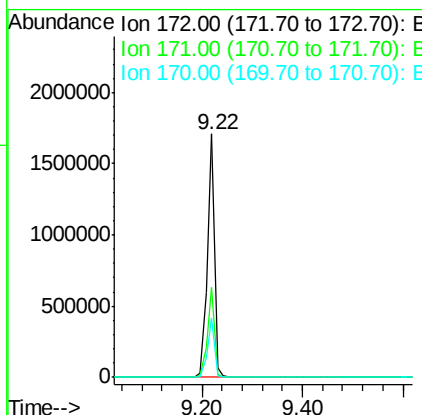
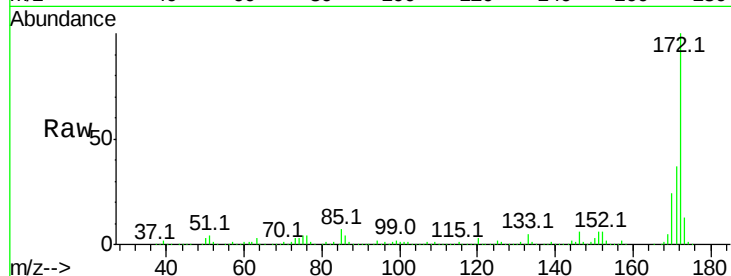


#44
 2-Fluorobiphenyl
 Concen: 107.82 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF093065.D
 Acq: 21 Feb 2017 9:57

Instrument :
 BNA_F
 ClientSampleId :
 021417-PRRT-F-U-M

Tot Ion:172 Resp: 1671090

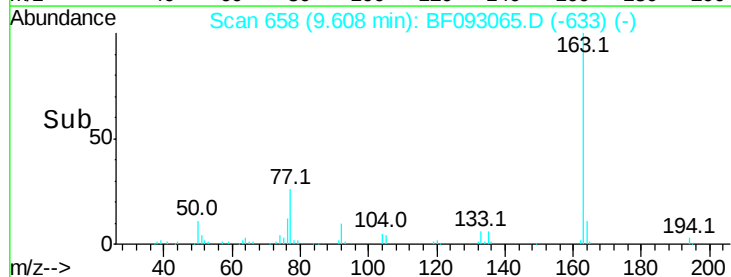
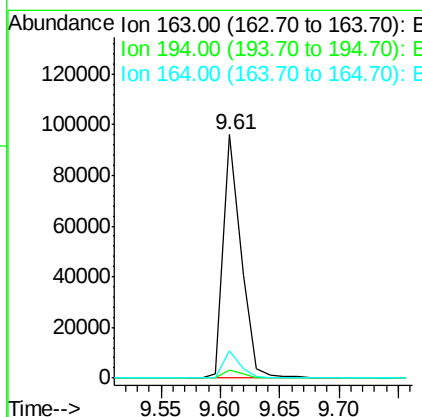
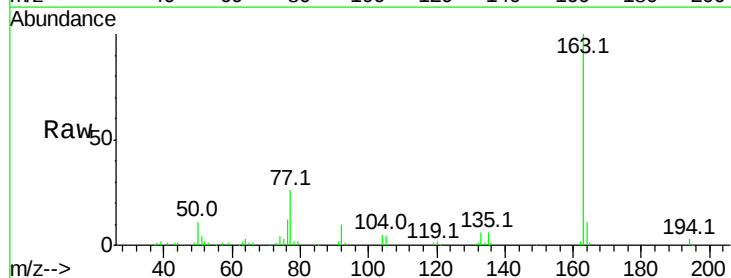
Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.4	44.0
170	24.5	20.2	30.4

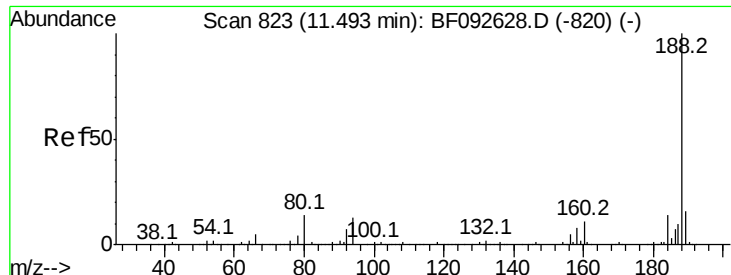


#49
 Dimethylphthalate
 Concen: 5.25 ng
 RT: 9.61 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF093065.D
 Acq: 21 Feb 2017 9:57

Tgt Ion:163 Resp: 99261

Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.0	4.4
164	11.3	8.0	12.0

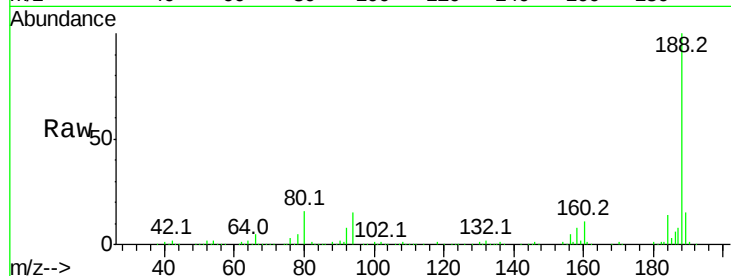




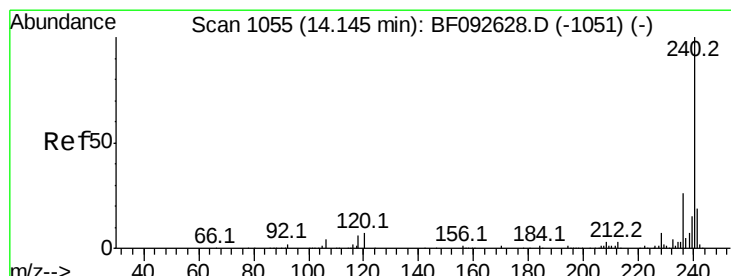
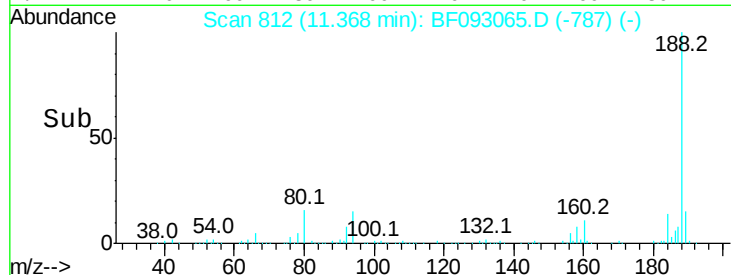
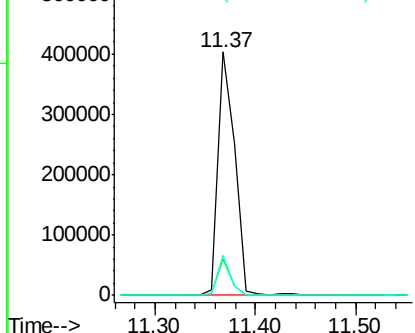
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF093065.D
Acq: 21 Feb 2017 9:57

Instrument :
BNA_F
ClientSampleId :
021417-PRRT-F-U-M

Tot Ion:188 Resp: 466416
Ion Ratio Lower Upper
188 100
94 14.8 10.0 15.0
80 16.4 11.2 16.8

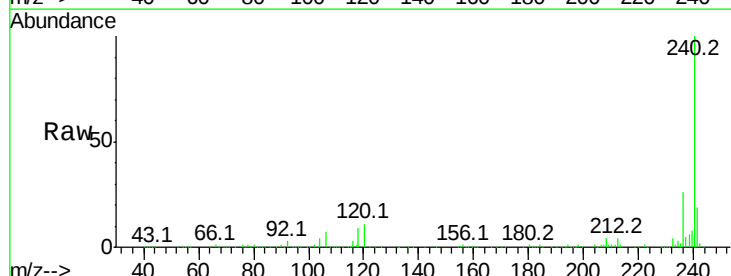


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

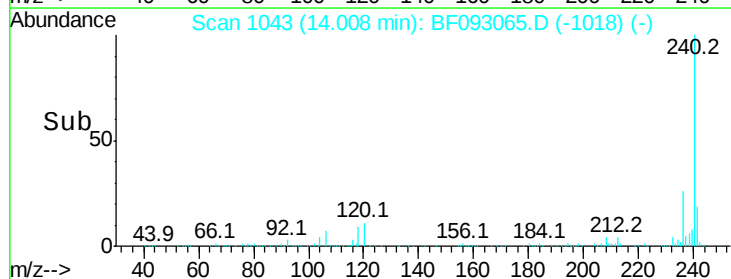
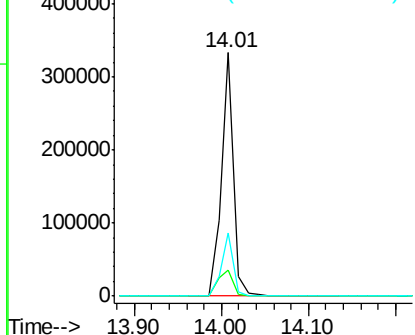


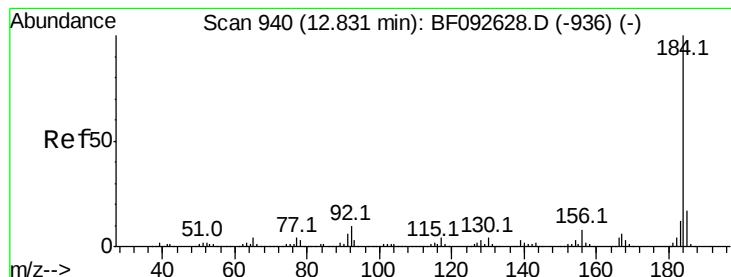
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF093065.D
Acq: 21 Feb 2017 9:57

Tgt Ion:240 Resp: 324783
Ion Ratio Lower Upper
240 100
120 10.6 12.9 19.3#
236 26.1 20.9 31.3



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





#76

Benzidine

Concen: 4.58 ng

RT: 12.71 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF093065.D

Acq: 21 Feb 2017 9:57

Instrument :

BNA_F

ClientSampleId :

021417-PRRT-F-U-M

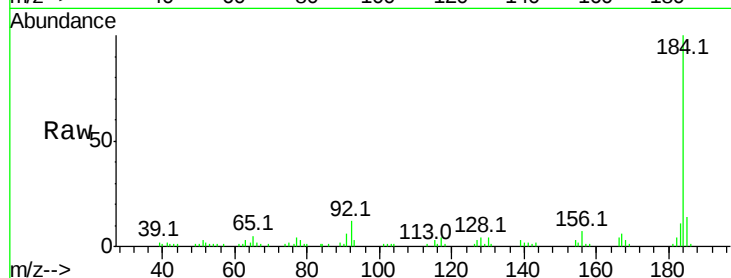
Tot Ion:184 Resp: 63353

Ion Ratio Lower Upper

184 100

185 14.2 13.4 20.0

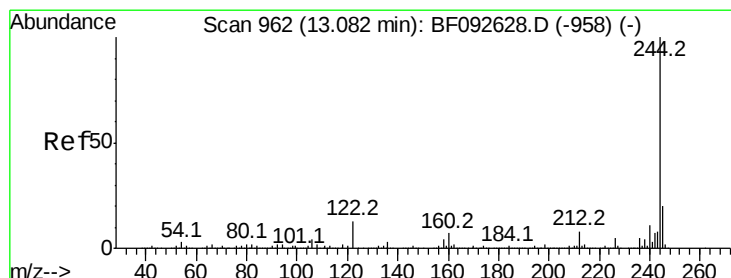
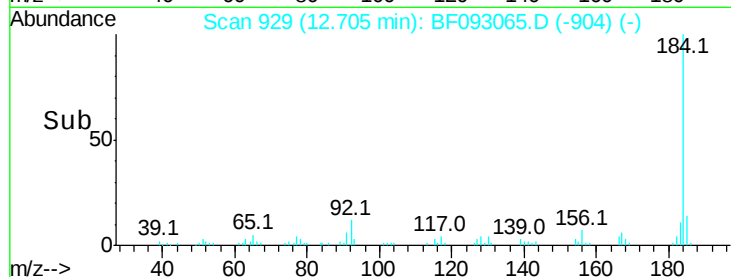
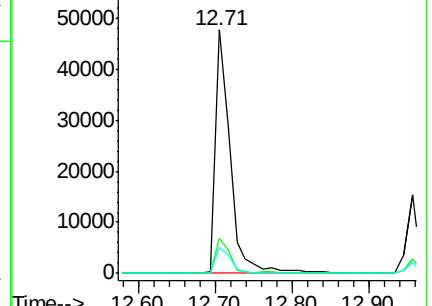
183 10.8 9.2 13.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 85.82 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF093065.D

Acq: 21 Feb 2017 9:57

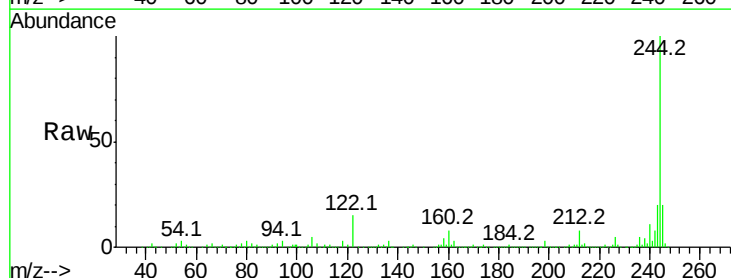
Tgt Ion:244 Resp: 1186307

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

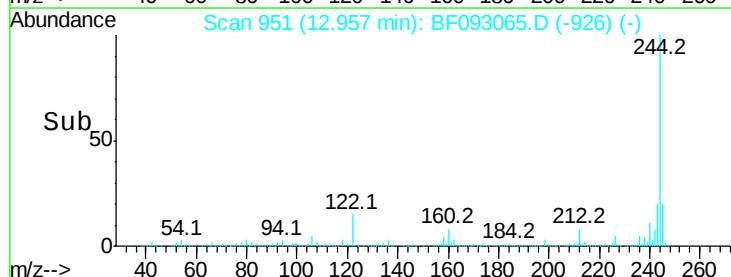
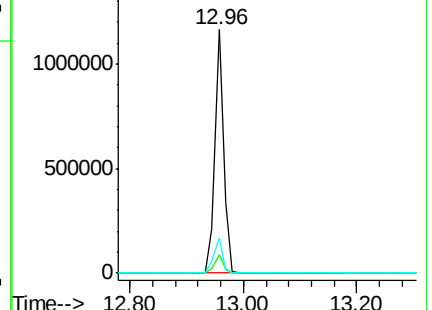
122 14.5 11.4 17.2

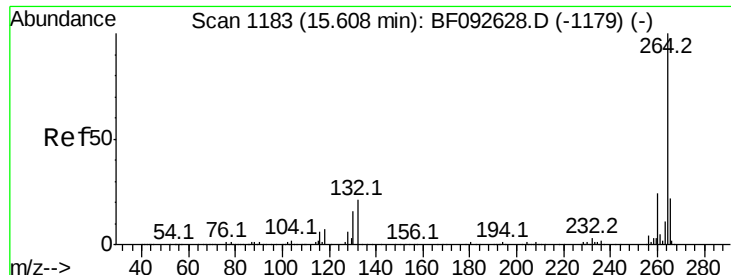


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

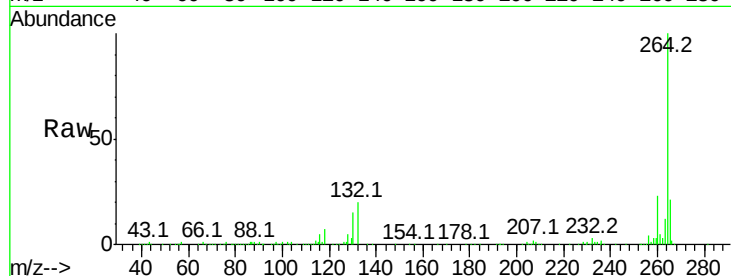




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BF093065.D
 Acq: 21 Feb 2017 9:57

Instrument :
 BNA_F
 ClientSampleId :
 021417-PRRT-F-U-M

Tot Ion: 264 Resp: 289472
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.1 17.4 26.0



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

