

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041917\
 Data File : BF094527.D
 Acq On : 19 Apr 2017 20:31
 Operator : SJ/MA
 Sample : I2749-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-V6-NSW-01

Quant Time: Apr 20 04:50:46 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

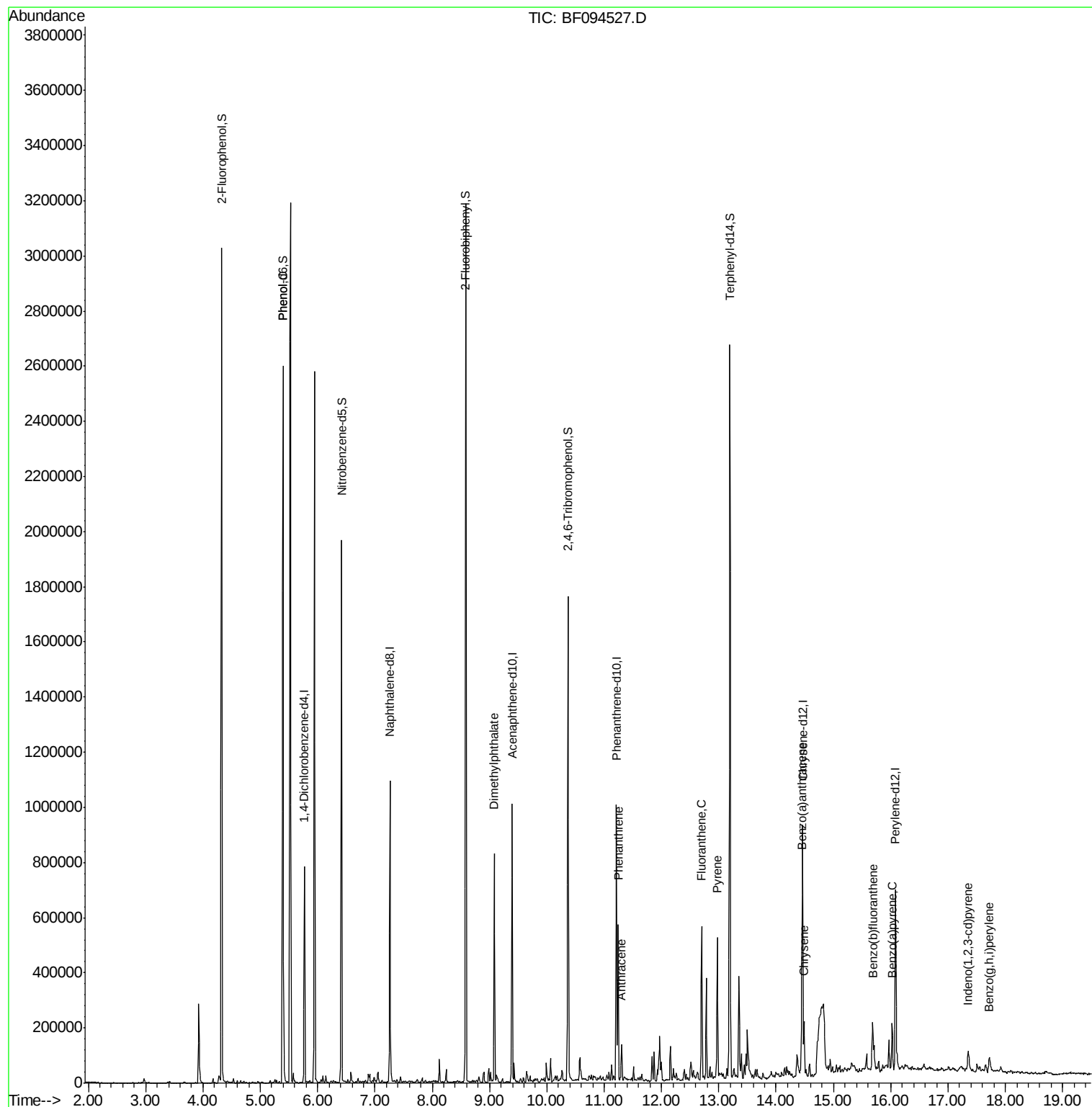
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	132827	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	505093	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	205167	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	397844	20.00	ng	0.00
75) Chrysene-d12	14.46	240	301307	20.00	ng	0.00
86) Perylene-d12	16.08	264	259205	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	883130	110.31	ng	0.02
7) Phenol-d6	5.40	99	1130719	119.80	ng	0.00
23) Nitrobenzene-d5	6.42	82	695910	85.08	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	216111	134.67	ng	0.00
44) 2-Fluorobiphenyl	8.59	172	1202714	86.25	ng	0.00
78) Terphenyl-d14	13.20	244	962441	85.38	ng	0.00
Target Compounds						Qvalue
10) Phenol	5.41	94	27850	2.40	ng	98
49) Dimethylphthalate	9.08	163	351490	22.99	ng	99
70) Phenanthrene	11.24	178	211927	9.46	ng	97
71) Anthracene	11.31	178	56609	2.44	ng	97
74) Fluoranthene	12.70	202	236081	10.17	ng	97
77) Pyrene	12.98	202	212851	10.11	ng	98
80) Benzo(a)anthracene	14.45	228	83890	4.79	ng	98
82) Chrysene	14.49	228	84306	5.27	ng	95
85) Indeno(1,2,3-cd)pyrene	17.35	276	43539	2.86	ng	94
87) Benzo(b)fluoranthene	15.68	252	87767m	5.54	ng	
89) Benzo(a)pyrene	16.02	252	65052	4.41	ng	98
91) Benzo(g,h,i)perylene	17.72	276	39480	3.17	ng	98

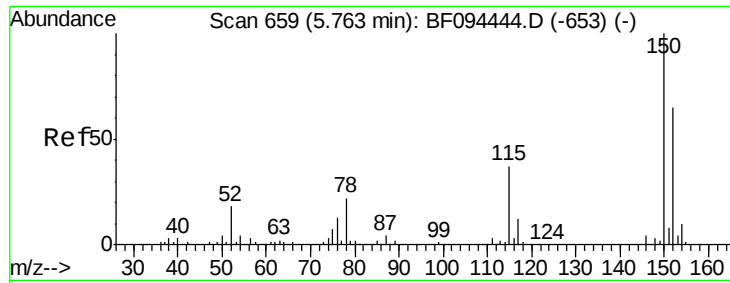
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041917\
Data File : BF094527.D
Acq On : 19 Apr 2017 20:31
Operator : SJ/MA
Sample : I2749-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-V6-NSW-01

Quant Time: Apr 20 04:50:46 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.77 min Scan# 652

Delta R.T. 0.01 min

Lab File: BF094527.D

Acq: 19 Apr 2017 20:31

Instrument :

BNA_F

ClientSampleId :

E2-V6-NSW-01

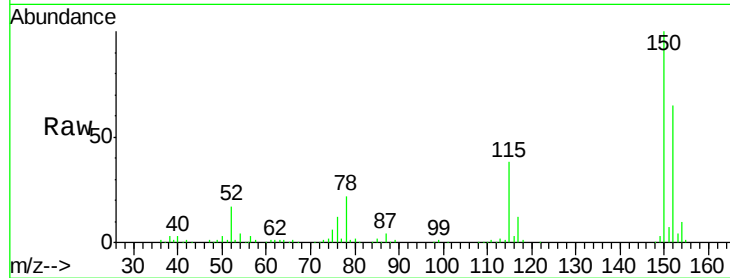
Tgt Ion:152 Resp: 132827

Ion Ratio Lower Upper

152 100

150 155.0 126.2 189.2

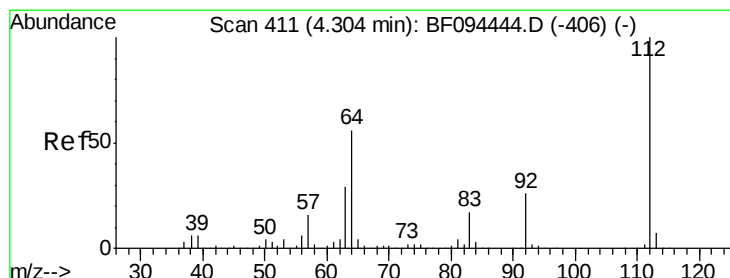
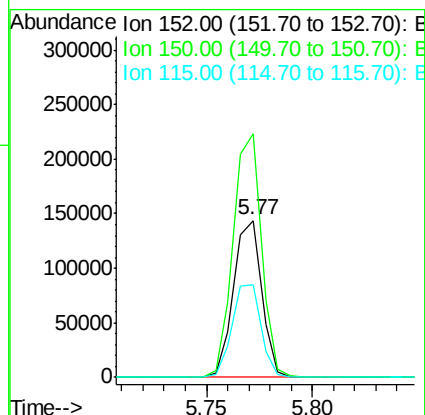
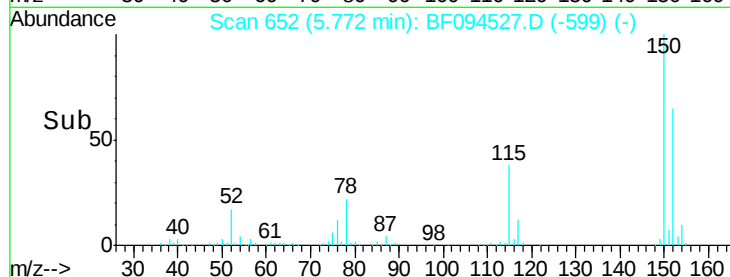
115 58.5 52.2 78.2



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: 110.31 ng

RT: 4.33 min Scan# 406

Delta R.T. 0.02 min

Lab File: BF094527.D

Acq: 19 Apr 2017 20:31

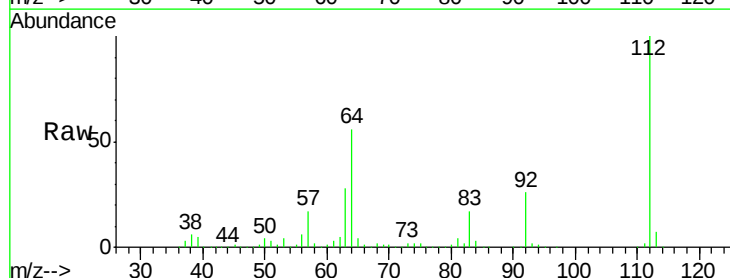
Tgt Ion:112 Resp: 883130

Ion Ratio Lower Upper

112 100

64 56.4 46.0 69.0

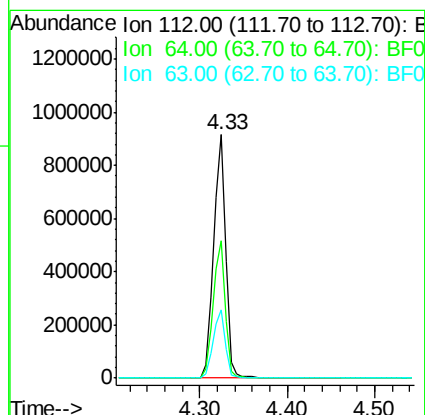
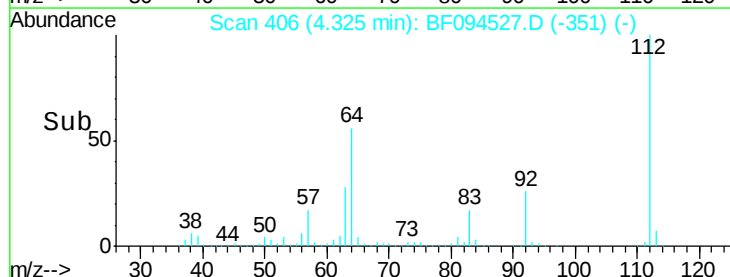
63 28.3 23.4 35.0

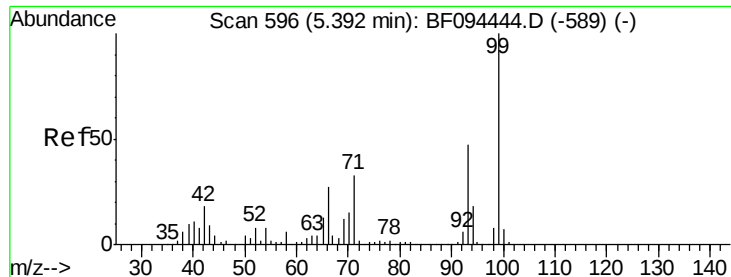


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 119.80 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094527.D

Acq: 19 Apr 2017 20:31

Instrument :

BNA_F

ClientSampleId :

E2-V6-NSW-01

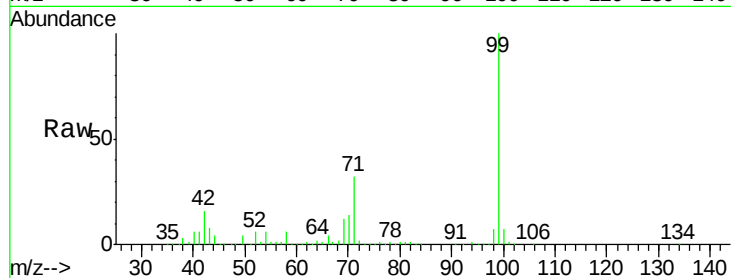
Tgt Ion: 99 Resp: 1130719

Ion Ratio Lower Upper

99 100

42 16.2 13.5 20.3

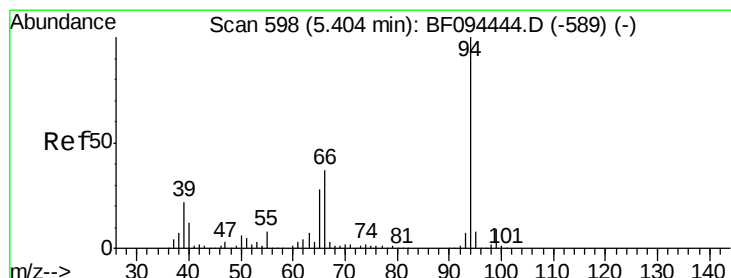
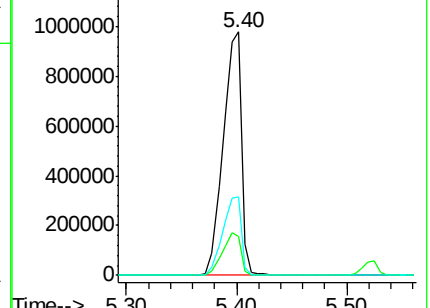
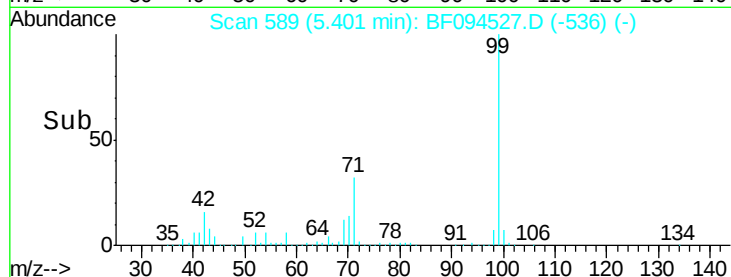
71 32.2 24.5 36.7



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: 2.40 ng

RT: 5.41 min Scan# 590

Delta R.T. 0.00 min

Lab File: BF094527.D

Acq: 19 Apr 2017 20:31

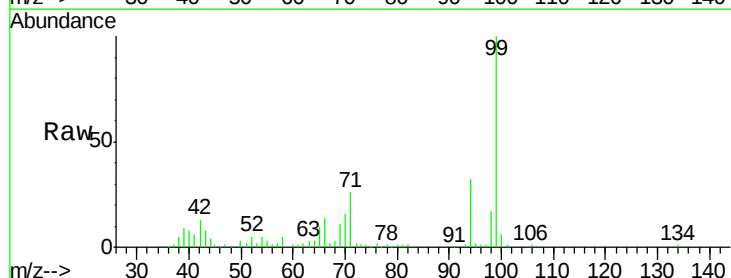
Tgt Ion: 94 Resp: 27850

Ion Ratio Lower Upper

94 100

65 30.6 9.9 49.9

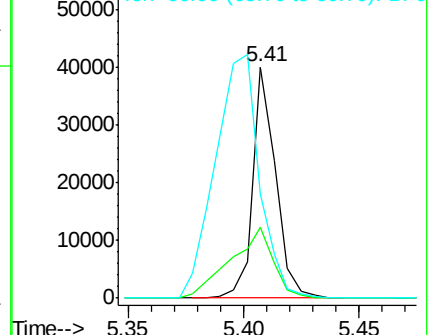
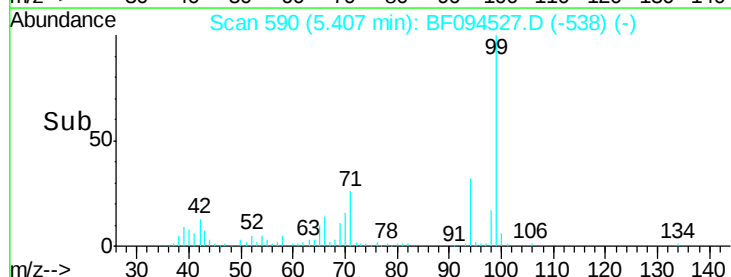
66 44.9 23.1 63.1

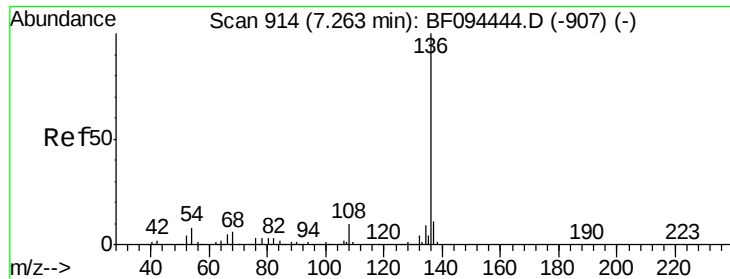


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 7.26 min Scan# 905

Delta R.T. -0.00 min

Lab File: BF094527.D

Acq: 19 Apr 2017 20:31

Instrument :

BNA_F

ClientSampleId :

E2-V6-NSW-01

Tgt Ion:136 Resp: 505093

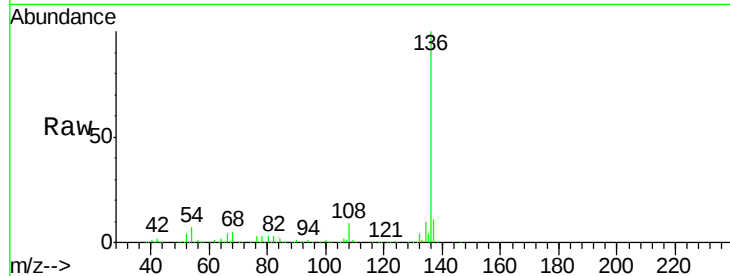
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 7.4 4.9 7.3#

68 5.4 4.1 6.1

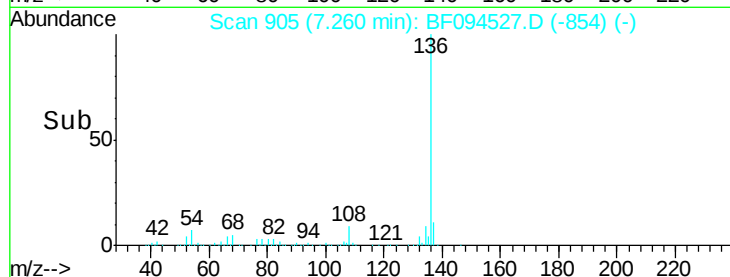


Abundance Ion 136.00 (135.70 to 136.70): E

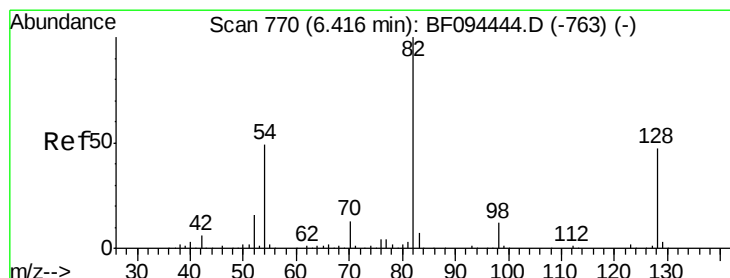
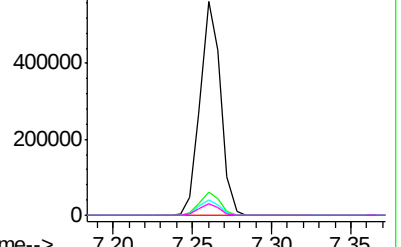
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 85.08 ng

RT: 6.42 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF094527.D

Acq: 19 Apr 2017 20:31

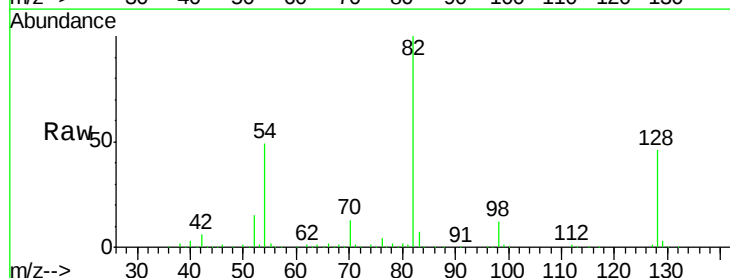
Tgt Ion: 82 Resp: 695910

Ion Ratio Lower Upper

82 100

128 46.0 34.0 51.0

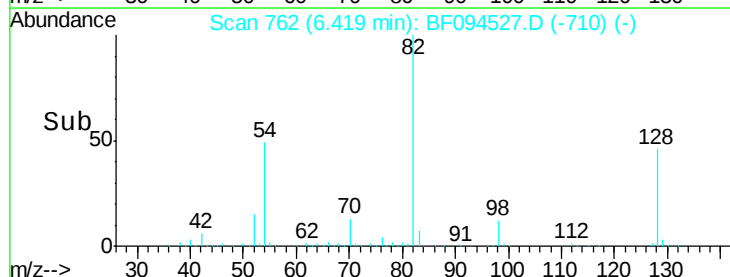
54 49.0 42.2 63.2



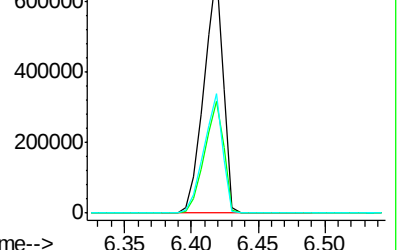
Abundance Ion 82.00 (81.70 to 82.70): BF0

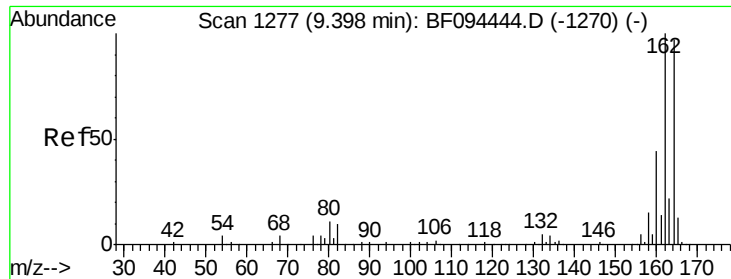
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->

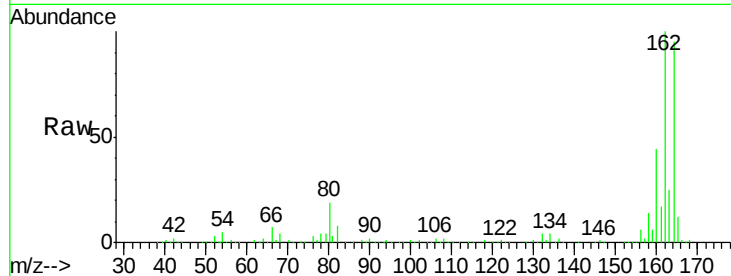




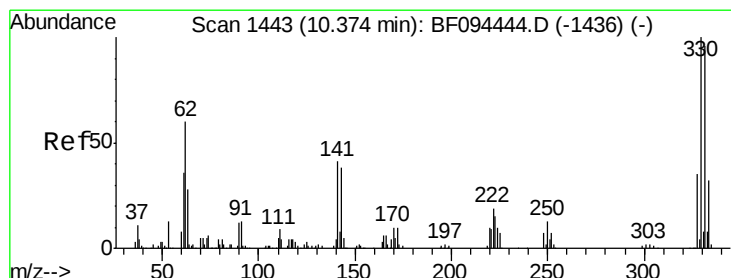
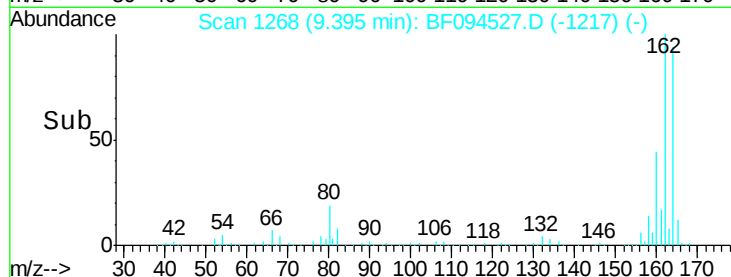
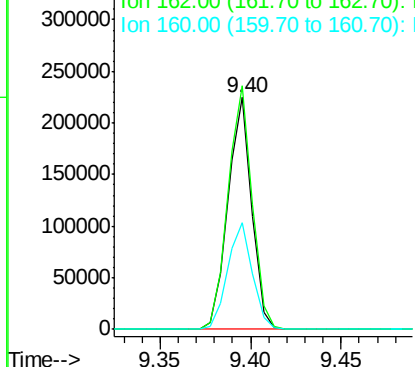
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.40 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BF094527.D
 Acq: 19 Apr 2017 20:31

Instrument :
 BNA_F
 ClientSampleId :
 E2-V6-NSW-01

Tgt Ion:164 Resp: 205167
 Ion Ratio Lower Upper
 164 100
 162 104.9 82.6 123.8
 160 45.9 36.2 54.2

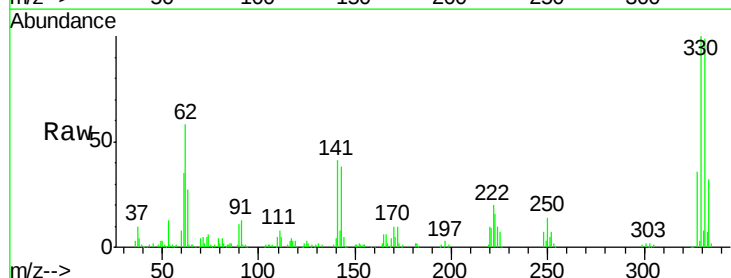


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

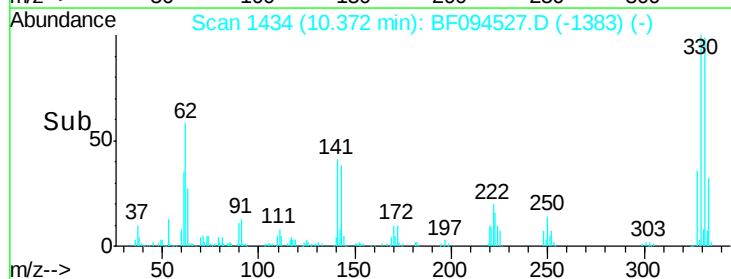
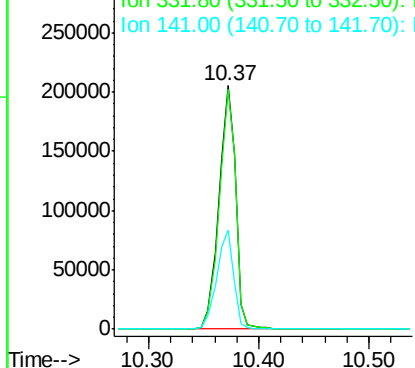


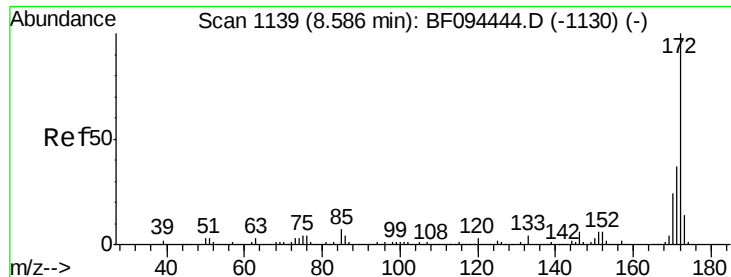
#41
 2,4,6-Tribromophenol
 Concen: 134.67 ng
 RT: 10.37 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BF094527.D
 Acq: 19 Apr 2017 20:31

Tgt Ion:330 Resp: 216111
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.6 115.0
 141 40.3 31.4 47.2



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: 86.25 ng

RT: 8.59 min Scan# 1131

Delta R.T. 0.00 min

Lab File: BF094527.D

Acq: 19 Apr 2017 20:31

Instrument :

BNA_F

ClientSampleId :

E2-V6-NSW-01

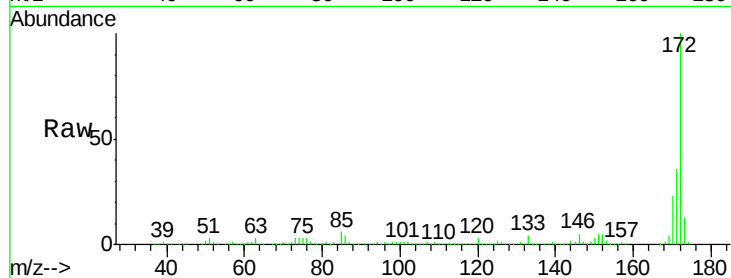
Tgt Ion:172 Resp: 1202714

Ion Ratio Lower Upper

172 100

171 35.9 29.6 44.4

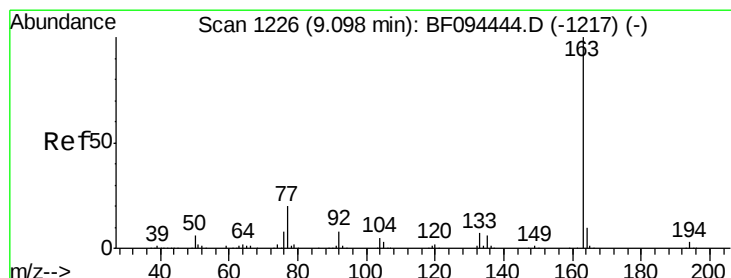
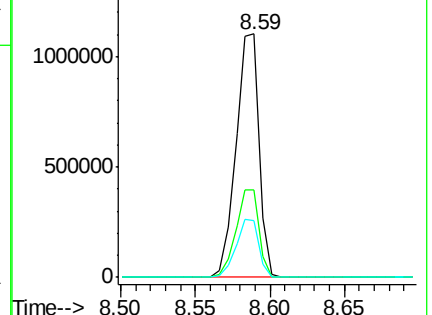
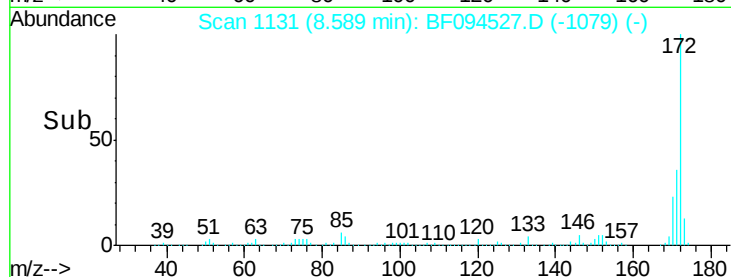
170 23.5 19.8 29.8



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: 22.99 ng

RT: 9.08 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF094527.D

Acq: 19 Apr 2017 20:31

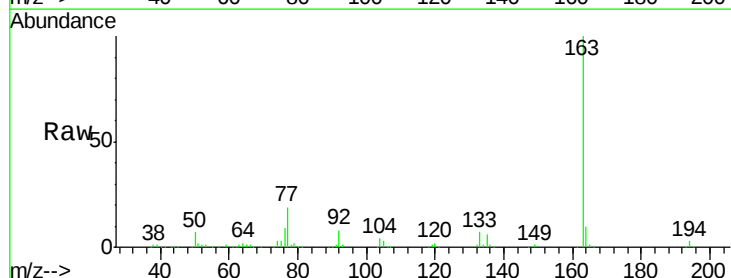
Tgt Ion:163 Resp: 351490

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

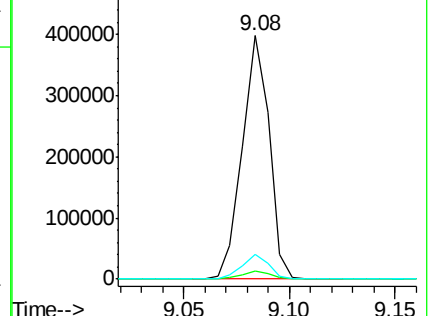
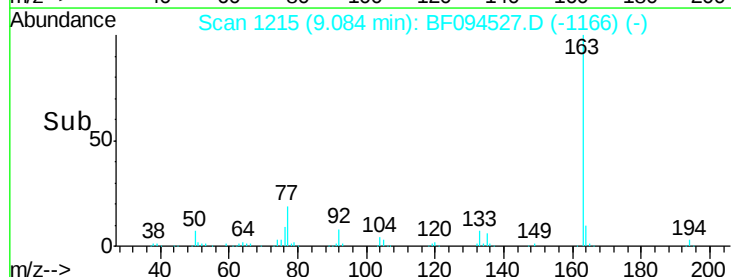
164 10.0 8.4 12.6

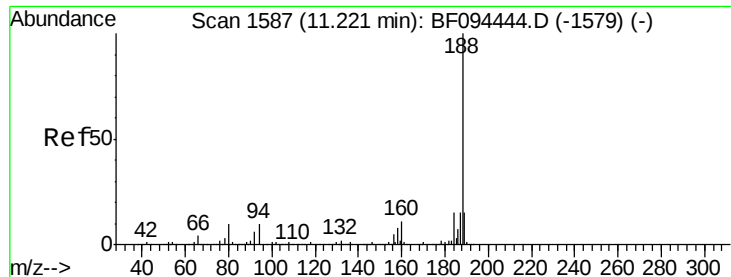


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

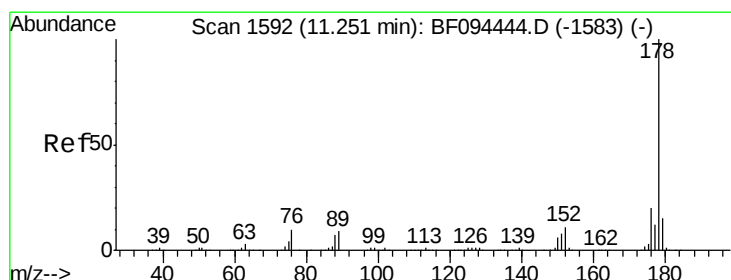
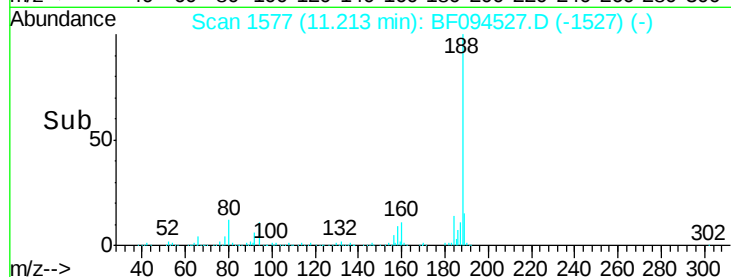
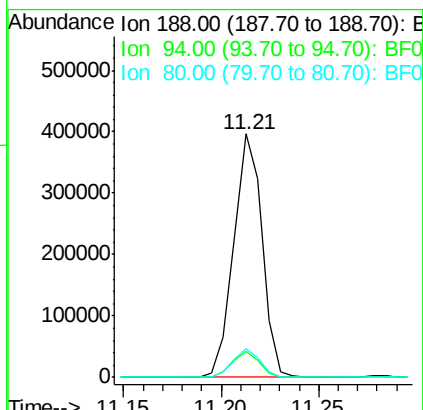
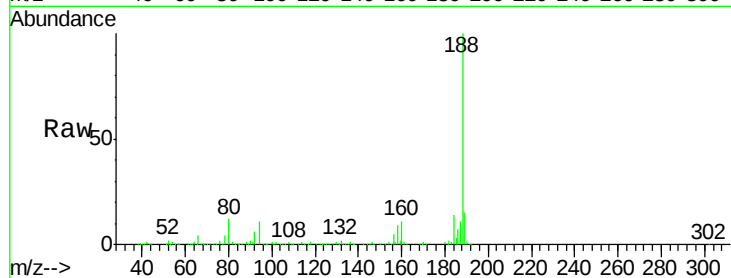




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF094527.D
Acq: 19 Apr 2017 20:31

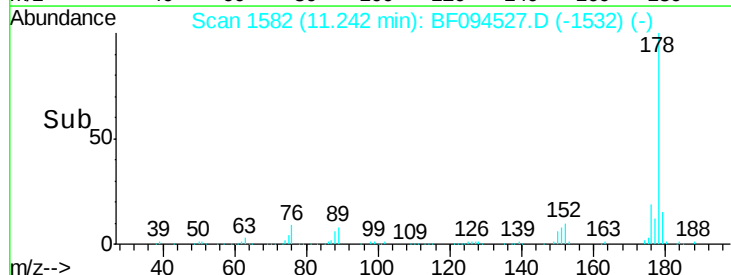
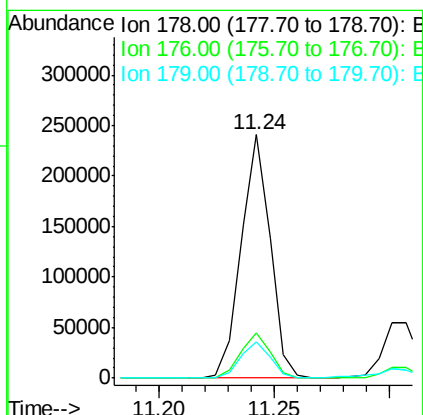
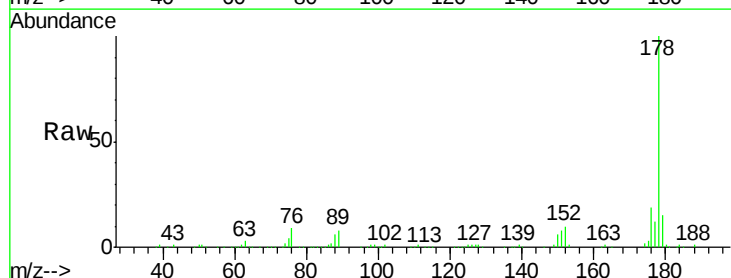
Instrument :
BNA_F
ClientSampleId :
E2-V6-NSW-01

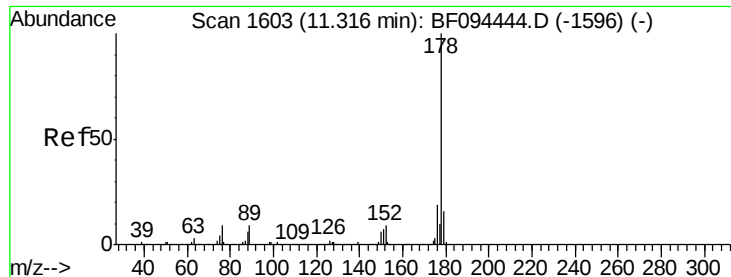
Tgt Ion:188 Resp: 397844
Ion Ratio Lower Upper
188 100
94 10.9 9.4 14.2
80 11.6 10.2 15.2



#70
Phenanthrene
Concen: 9.46 ng
RT: 11.24 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF094527.D
Acq: 19 Apr 2017 20:31

Tgt Ion:178 Resp: 211927
Ion Ratio Lower Upper
178 100
176 18.7 16.2 24.4
179 15.1 12.6 19.0

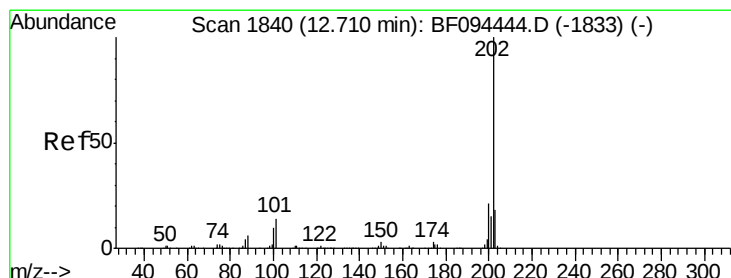
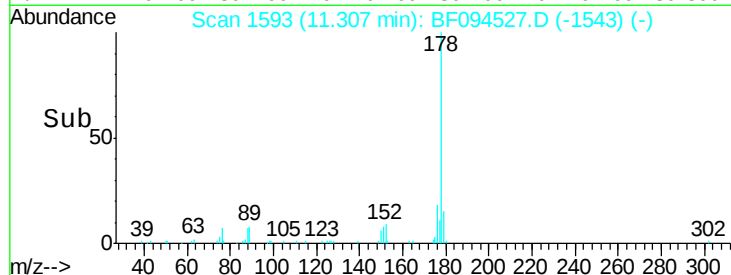
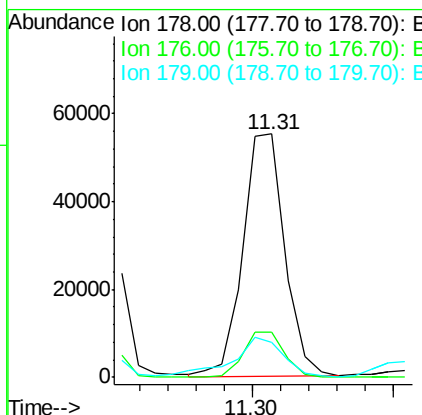
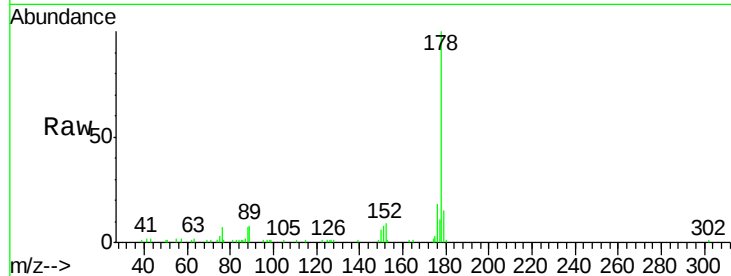




#71
 Anthracene
 Concen: 2.44 ng
 RT: 11.31 min Scan# 1593
 Delta R.T. -0.01 min
 Lab File: BF094527.D
 Acq: 19 Apr 2017 20:31

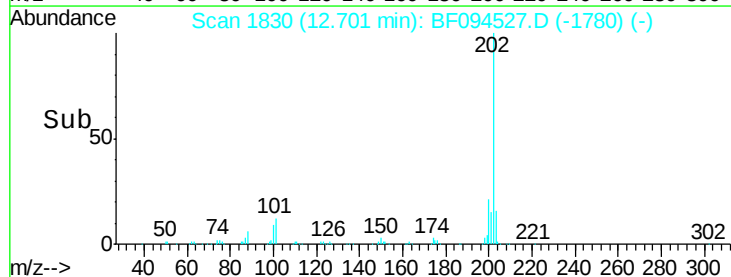
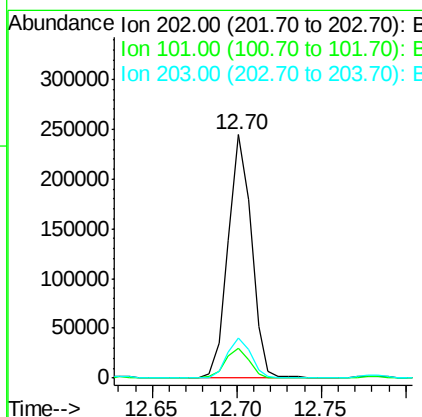
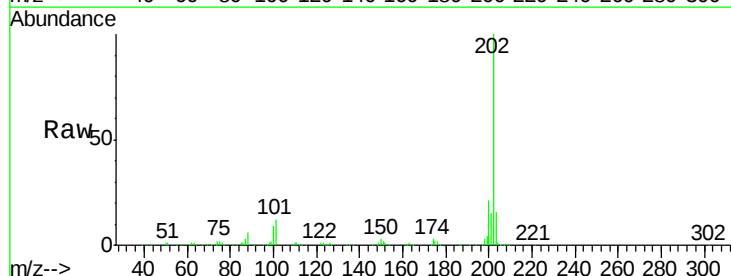
Instrument :
 BNA_F
 ClientSampleId :
 E2-V6-NSW-01

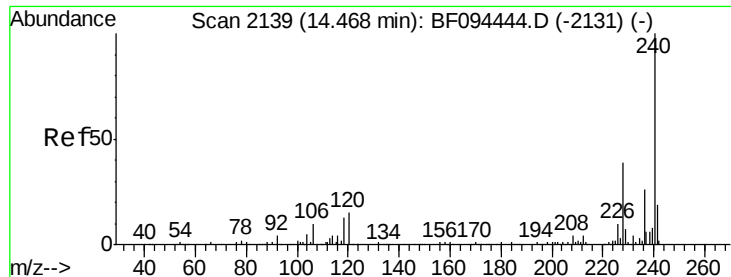
Tgt Ion:178 Resp: 56609
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.8 23.8
 179 14.6 12.7 19.1



#74
 Fluoranthene
 Concen: 10.17 ng
 RT: 12.70 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BF094527.D
 Acq: 19 Apr 2017 20:31

Tgt Ion:202 Resp: 236081
 Ion Ratio Lower Upper
 202 100
 101 12.4 0.0 33.2
 203 16.3 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.46 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BF094527.D

Acq: 19 Apr 2017 20:31

Instrument :

BNA_F

ClientSampleId :

E2-V6-NSW-01

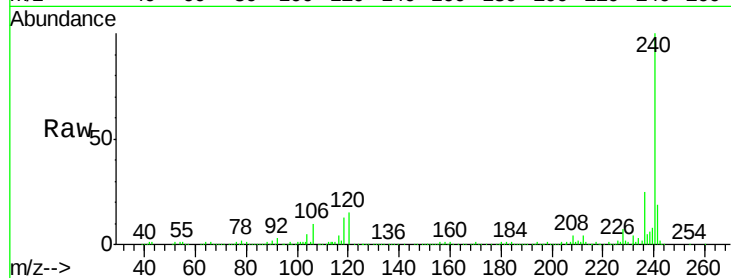
Tgt Ion:240 Resp: 301307

Ion Ratio Lower Upper

240 100

120 14.9 5.8 8.8#

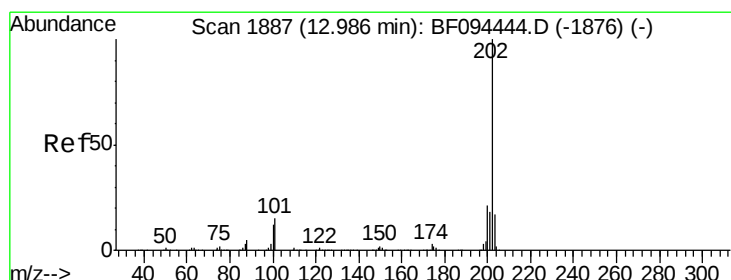
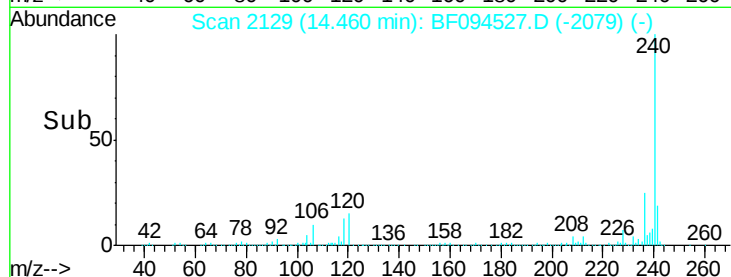
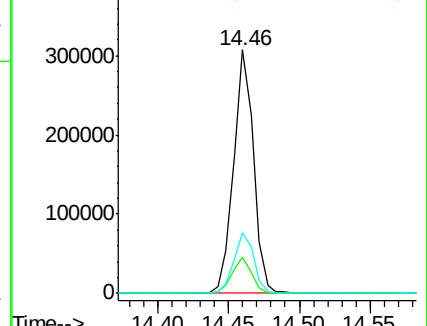
236 25.1 20.5 30.7



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: 10.11 ng

RT: 12.98 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BF094527.D

Acq: 19 Apr 2017 20:31

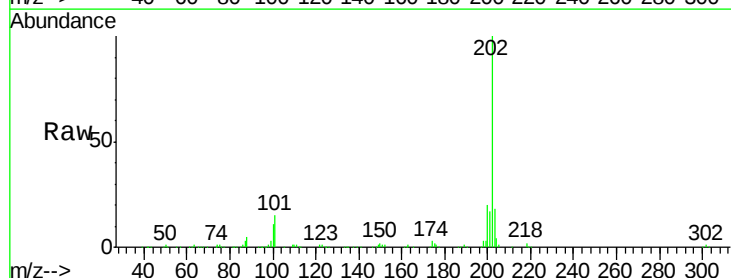
Tgt Ion:202 Resp: 212851

Ion Ratio Lower Upper

202 100

200 20.4 17.6 26.4

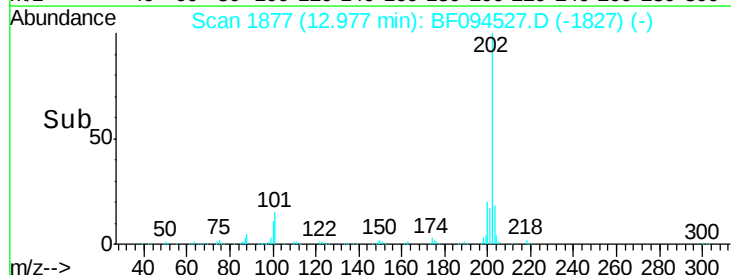
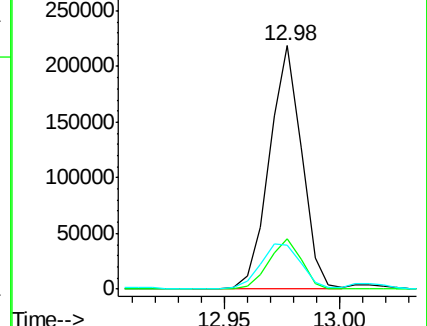
203 18.3 14.4 21.6

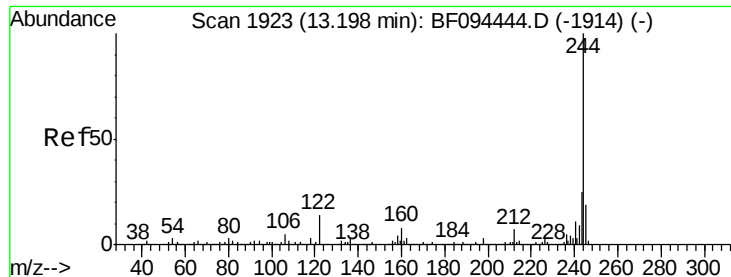


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 85.38 ng

RT: 13.20 min Scan# 1914

Delta R.T. -0.00 min

Lab File: BF094527.D

Acq: 19 Apr 2017 20:31

Instrument :

BNA_F

ClientSampleId :

E2-V6-NSW-01

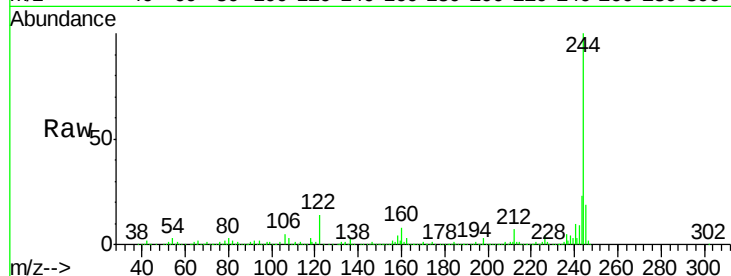
Tgt Ion:244 Resp: 962441

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

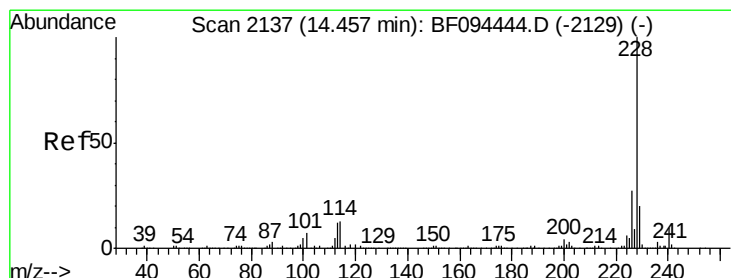
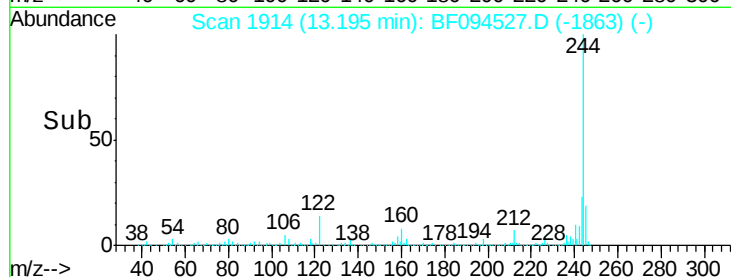
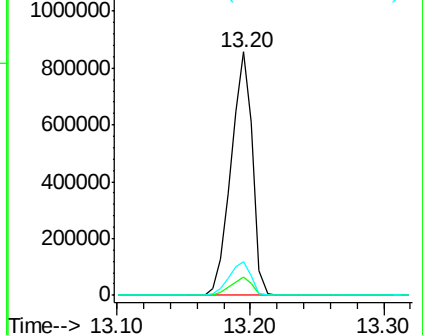
122 13.9 10.3 15.5



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



#80

Benzo(a)anthracene

Concen: 4.79 ng

RT: 14.45 min Scan# 2127

Delta R.T. -0.01 min

Lab File: BF094527.D

Acq: 19 Apr 2017 20:31

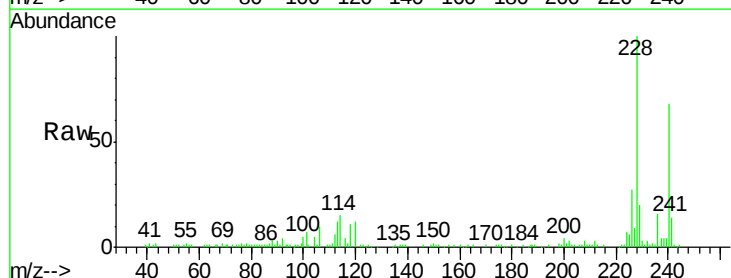
Tgt Ion:228 Resp: 83890

Ion Ratio Lower Upper

228 100

226 26.7 22.6 33.8

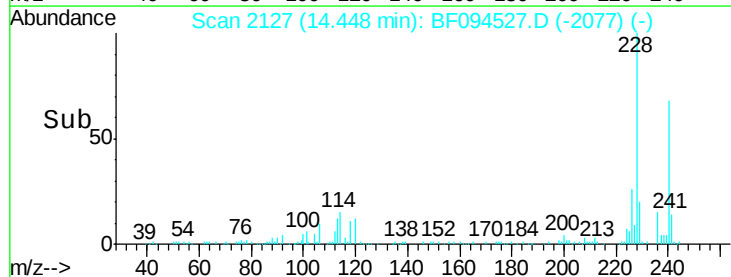
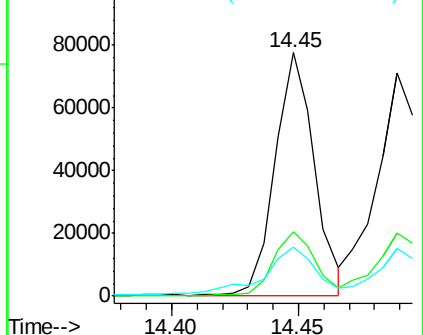
229 20.4 16.3 24.5

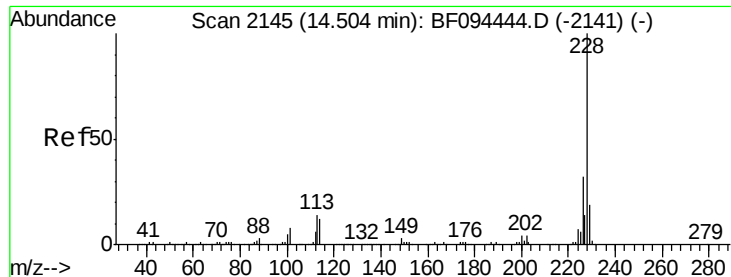


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

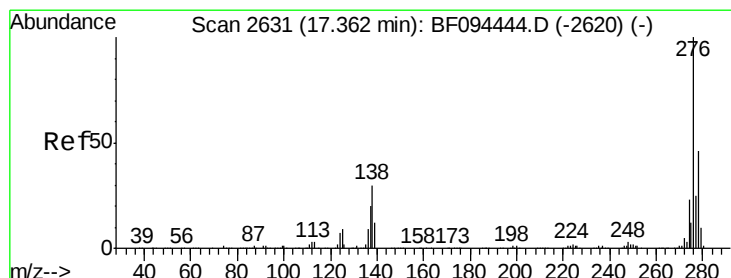
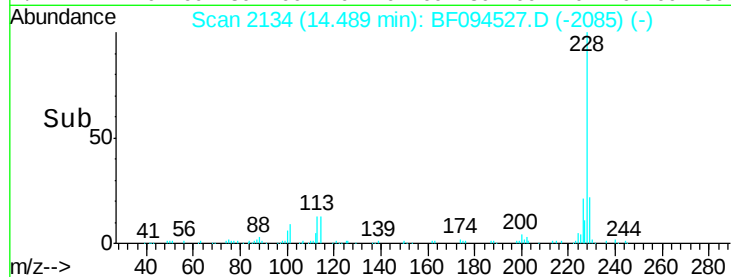
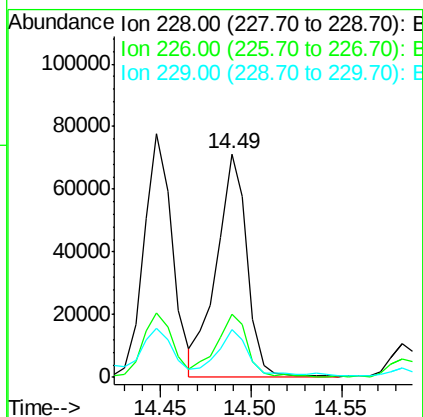
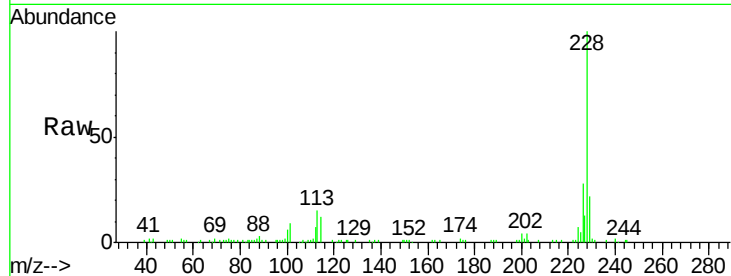




#82
Chrysene
Concen: 5.27 ng
RT: 14.49 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BF094527.D
Acq: 19 Apr 2017 20:31

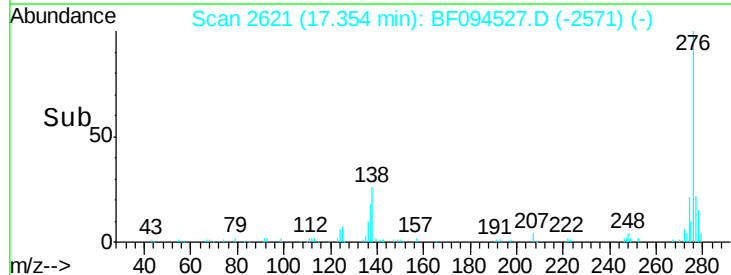
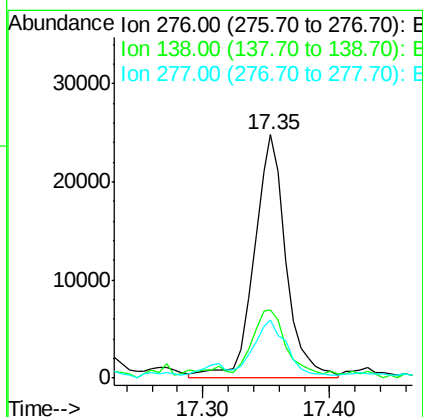
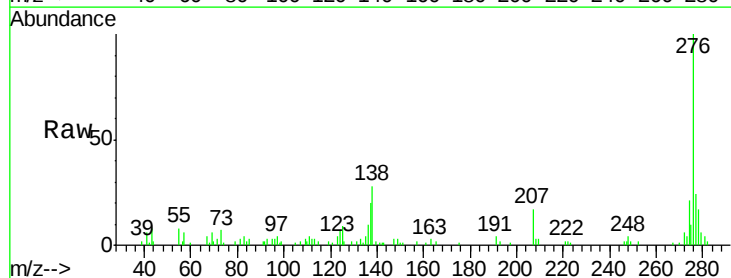
Instrument :
BNA_F
ClientSampleId :
E2-V6-NSW-01

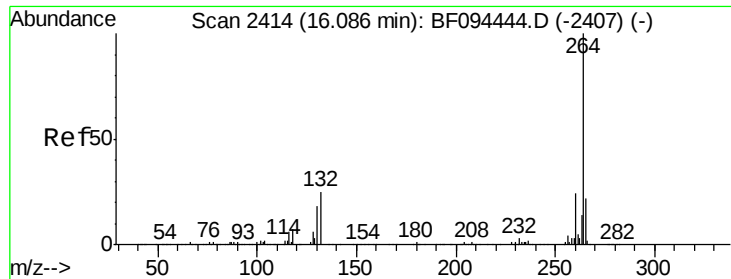
Tgt Ion:228 Resp: 84306
Ion Ratio Lower Upper
228 100
226 28.3 24.9 37.3
229 21.6 15.8 23.6



#85
Indeno(1,2,3-cd)pyrene
Concen: 2.86 ng
RT: 17.35 min Scan# 2621
Delta R.T. -0.01 min
Lab File: BF094527.D
Acq: 19 Apr 2017 20:31

Tgt Ion:276 Resp: 43539
Ion Ratio Lower Upper
276 100
138 31.6 27.8 41.6
277 22.4 20.2 30.4



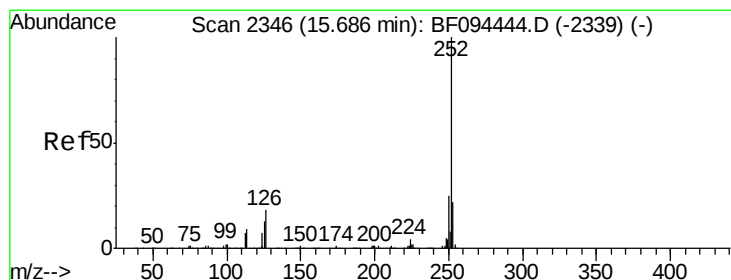
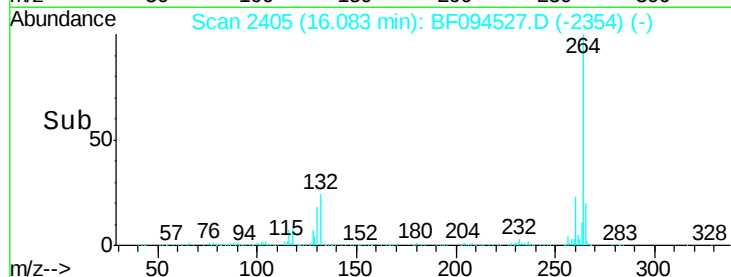
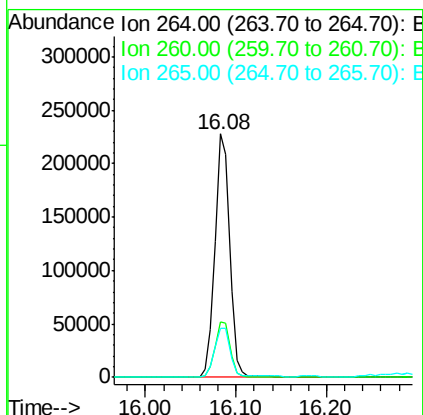
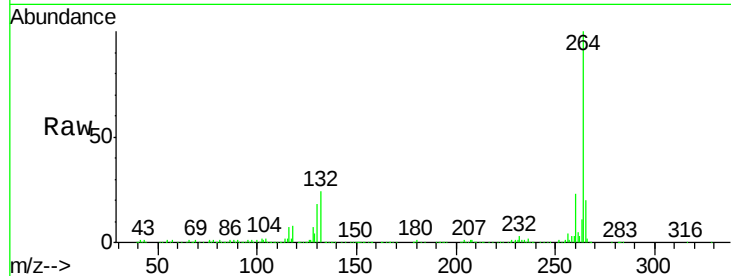


#86
Perylene-d12
Concen: 20.00 ng
RT: 16.08 min Scan# 2405
Delta R.T. -0.00 min
Lab File: BF094527.D
Acq: 19 Apr 2017 20:31

Instrument :
BNA_F
ClientSampleId :
E2-V6-NSW-01

Tgt Ion: 264 Resp: 259205

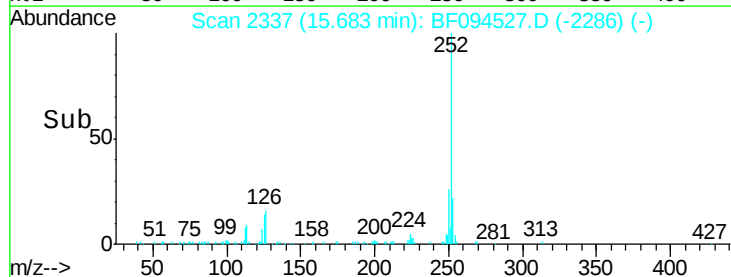
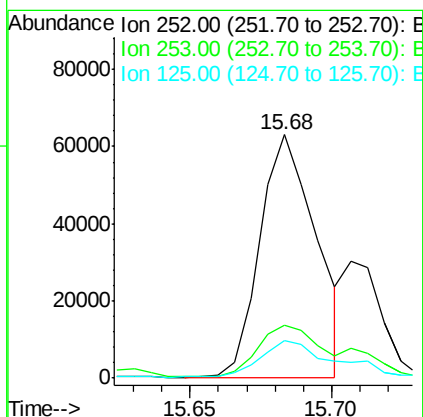
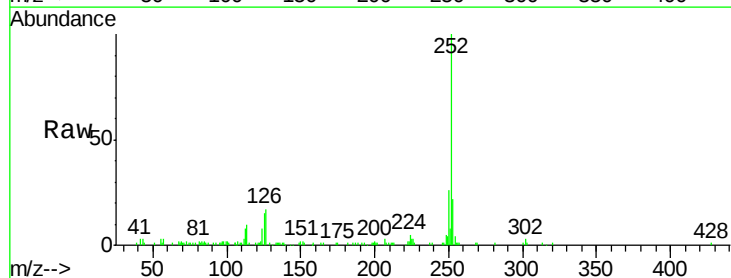
Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.5	29.3
265	20.3	17.2	25.8

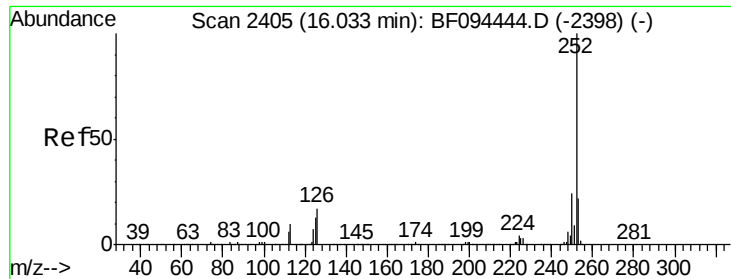


#87
Benzo(b)fluoranthene
Concen: 5.54 ng m
RT: 15.68 min Scan# 2337
Delta R.T. -0.00 min
Lab File: BF094527.D
Acq: 19 Apr 2017 20:31

Tgt Ion: 252 Resp: 87767

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	15.2	9.8	14.8





#89

Benzo(a)pyrene

Concen: 4.41 ng

RT: 16.02 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BF094527.D

Acq: 19 Apr 2017 20:31

Instrument :

BNA_F

ClientSampleId :

E2-V6-NSW-01

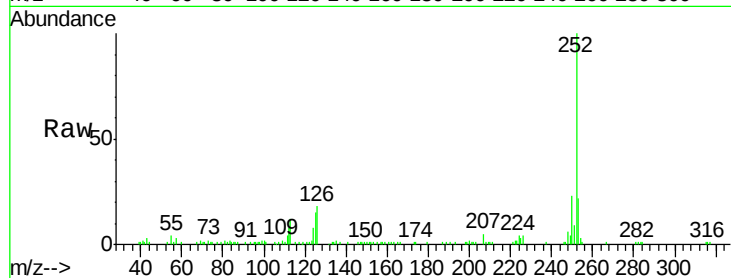
Tgt Ion:252 Resp: 65052

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

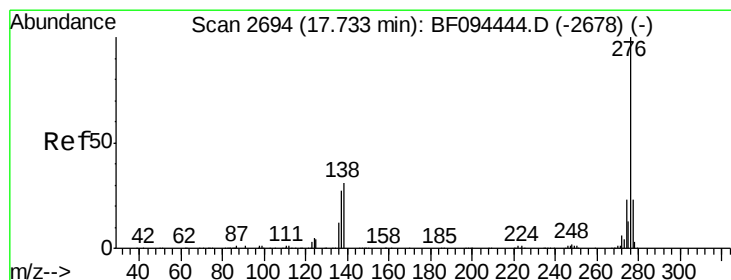
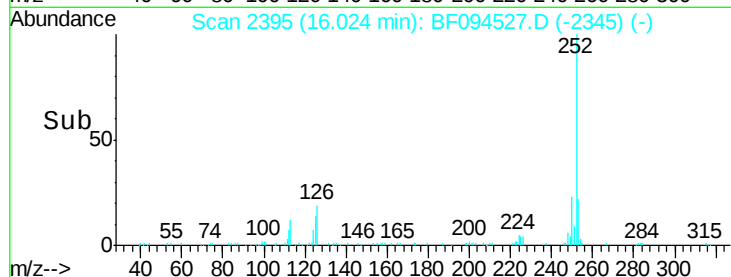
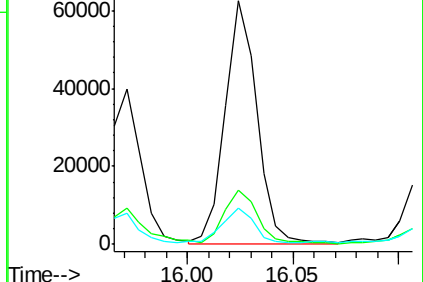
125 15.1 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Benzo(g,h,i)perylene

Concen: 3.17 ng

RT: 17.72 min Scan# 2684

Delta R.T. -0.01 min

Lab File: BF094527.D

Acq: 19 Apr 2017 20:31

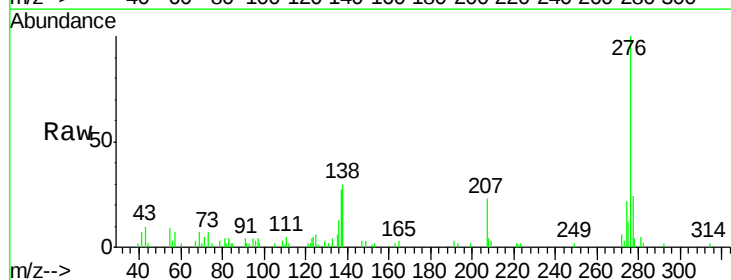
Tgt Ion:276 Resp: 39480

Ion Ratio Lower Upper

276 100

277 23.5 18.6 28.0

138 29.9 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

