

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051917\
 Data File : BF095269.D
 Acq On : 19 May 2017 18:25
 Operator : SJ/MA
 Sample : I3202-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-8COMP

Quant Time: May 20 01:35:49 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

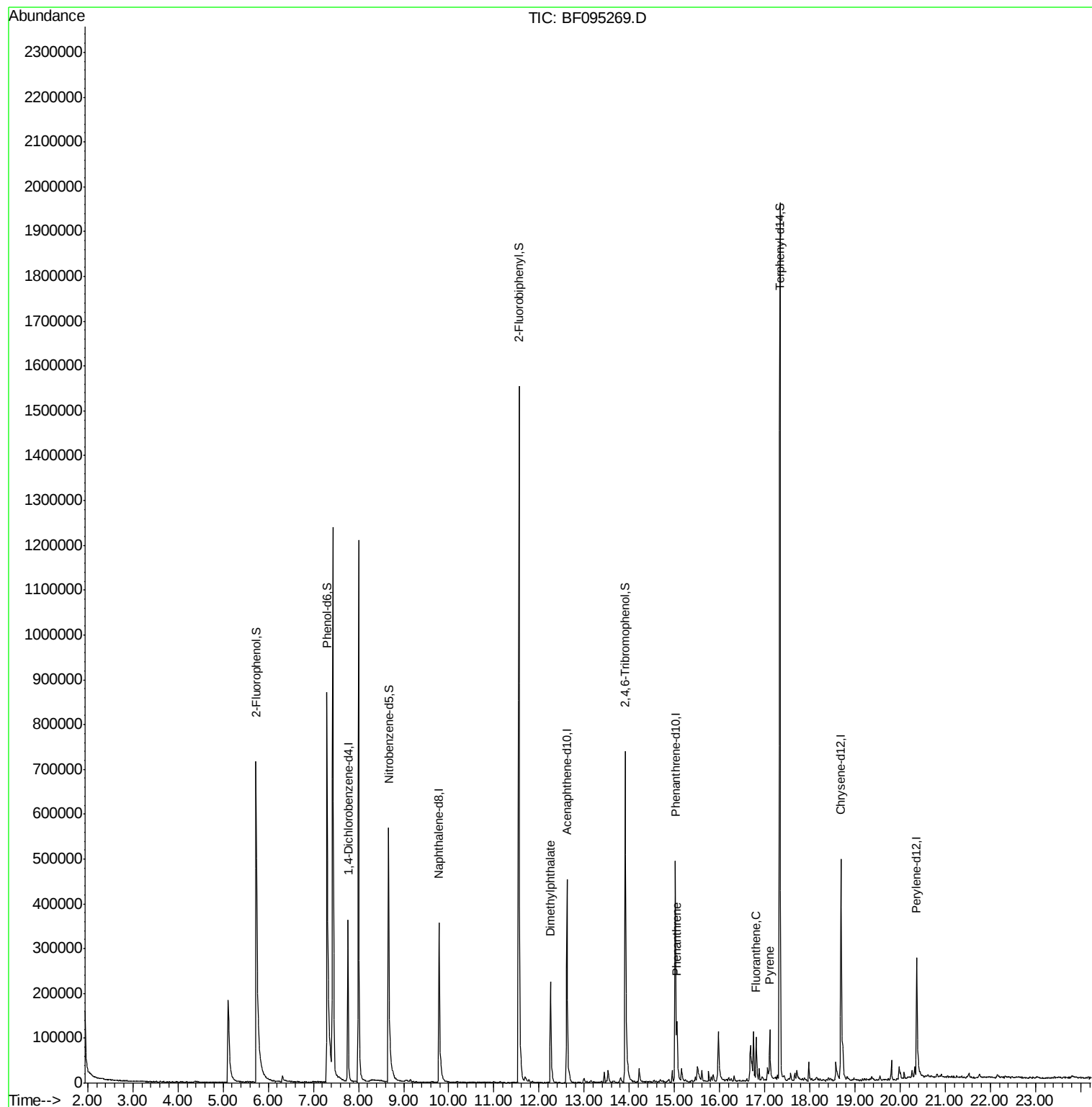
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	82234	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	336600	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	156590	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	302541	20.00	ng	0.00
75) Chrysene-d12	18.69	240	260966	20.00	ng	0.00
86) Perylene-d12	20.36	264	171347	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.73	112	574037	116.38	ng	0.00
7) Phenol-d6	7.30	99	705740	119.25	ng	-0.01
23) Nitrobenzene-d5	8.67	82	405576	75.98	ng	0.00
41) 2,4,6-Tribromophenol	13.91	330	160573	125.21	ng	0.00
44) 2-Fluorobiphenyl	11.55	172	812776	74.71	ng	0.00
78) Terphenyl-d14	17.34	244	770854	65.06	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	12.25	163	189793	14.76	ng	98
70) Phenanthrene	15.06	178	84687	4.87	ng	96
74) Fluoranthene	16.81	202	74330	4.17	ng	99
77) Pyrene	17.11	202	61205	3.14	ng	# 95

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

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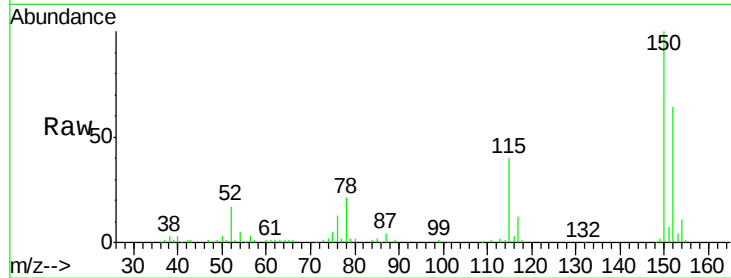




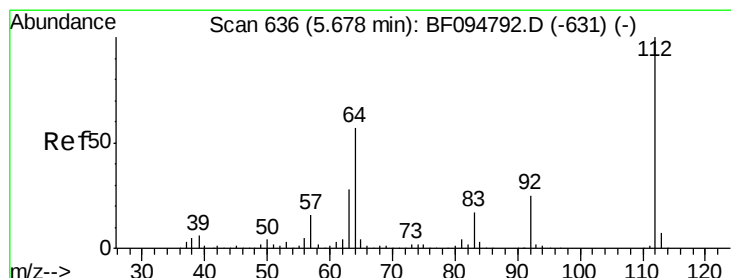
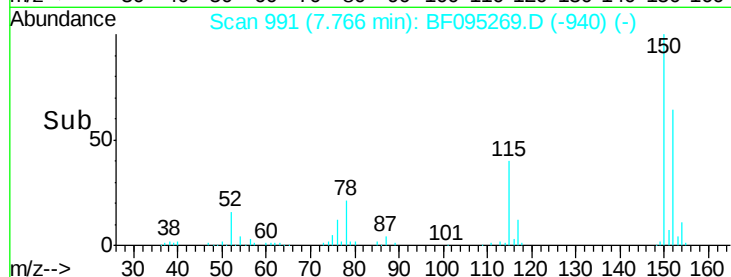
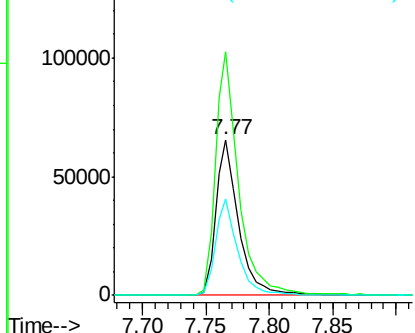
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.77 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: BF095269.D
 Acq: 19 May 2017 18:25

Instrument :
 BNA_F
 ClientSampled :
 SB-8COMP

Tgt Ion:152 Resp: 82234
 Ion Ratio Lower Upper
 152 100
 150 156.5 126.2 189.2
 115 62.2 52.2 78.2

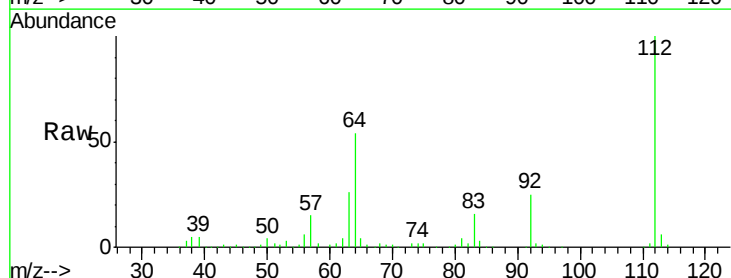


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

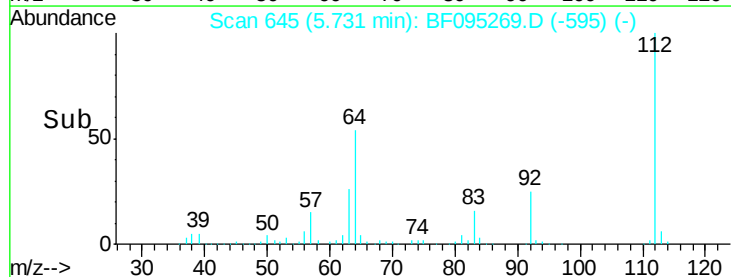
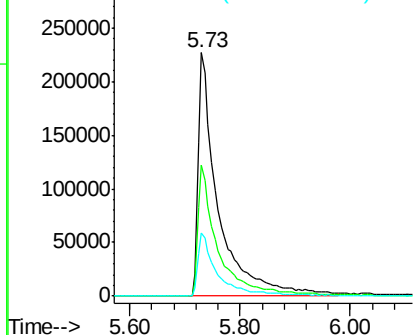


#5
 2-Fluorophenol
 Concen: 116.38 ng
 RT: 5.73 min Scan# 645
 Delta R.T. -0.01 min
 Lab File: BF095269.D
 Acq: 19 May 2017 18:25

Tgt Ion:112 Resp: 574037
 Ion Ratio Lower Upper
 112 100
 64 53.7 46.0 69.0
 63 25.9 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: 119.25 ng

RT: 7.30 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF095269.D

Acq: 19 May 2017 18:25

Instrument :

BNA_F

ClientSampleId :

SB-8COMP

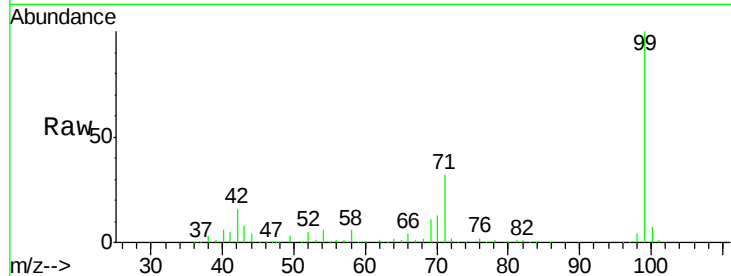
Tgt Ion: 99 Resp: 705740

Ion Ratio Lower Upper

99 100

42 16.2 13.5 20.3

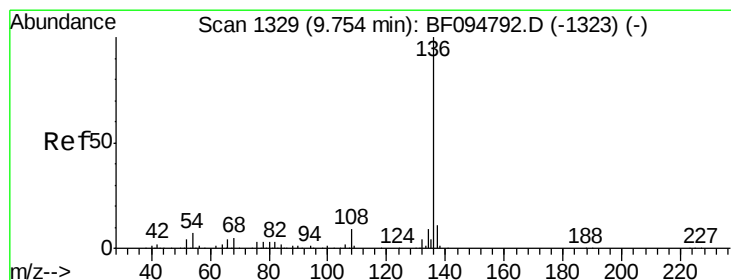
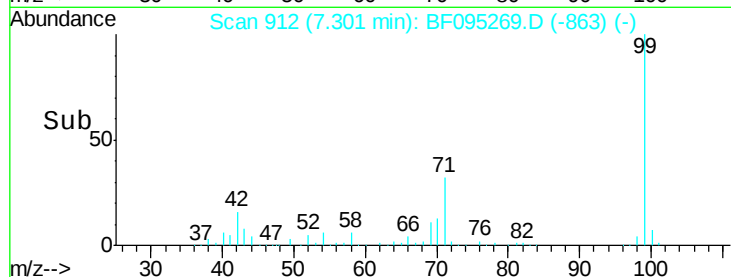
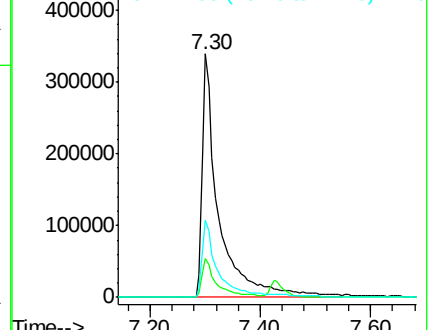
71 31.7 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.78 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BF095269.D

Acq: 19 May 2017 18:25

Tgt Ion: 136 Resp: 336600

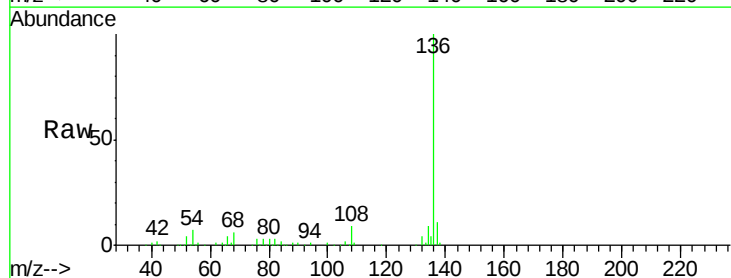
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 6.9 4.9 7.3

68 5.7 4.1 6.1

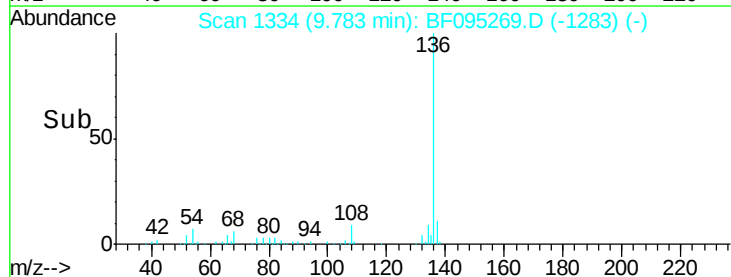
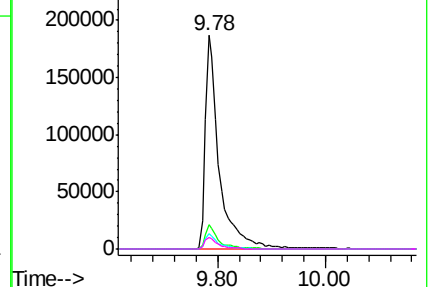


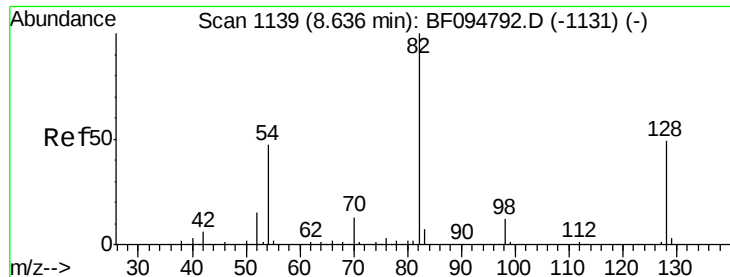
Abundance Ion 136.00 (135.70 to 136.70): E

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

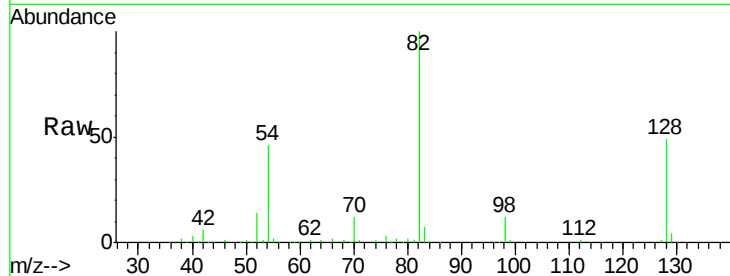




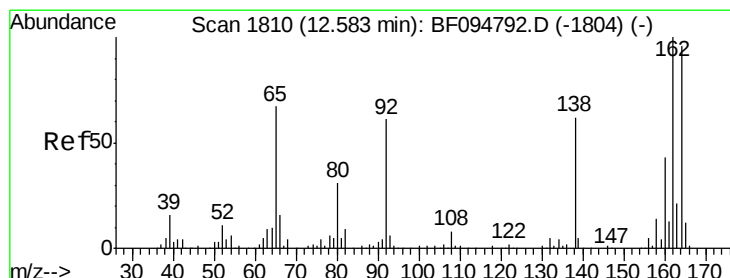
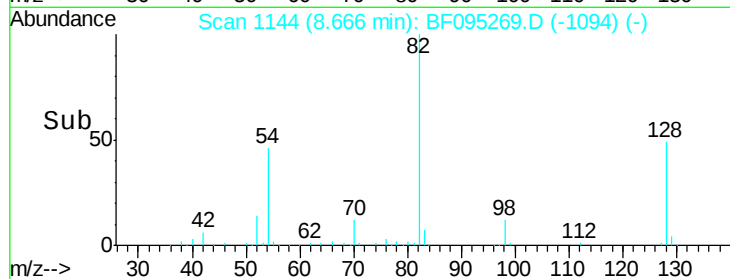
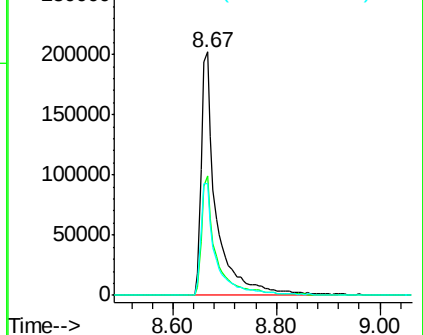
#23
 Nitrobenzene-d5
 Concen: 75.98 ng
 RT: 8.67 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BF095269.D
 Acq: 19 May 2017 18:25

Instrument :
 BNA_F
 ClientSampled :
 SB-8COMP

Tgt Ion: 82 Resp: 405576
 Ion Ratio Lower Upper
 82 100
 128 49.0 34.0 51.0
 54 45.7 42.2 63.2

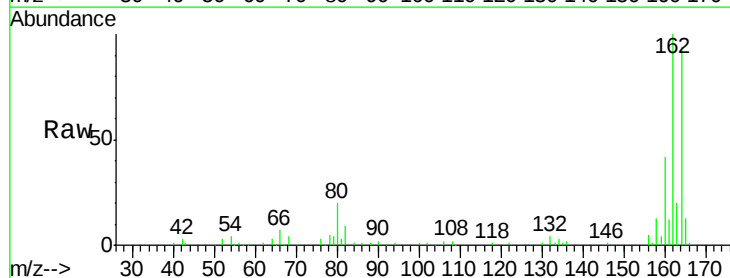


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

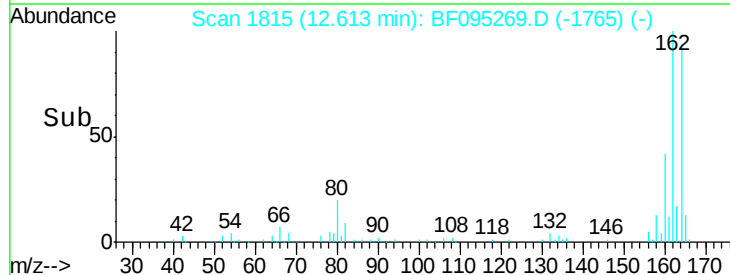
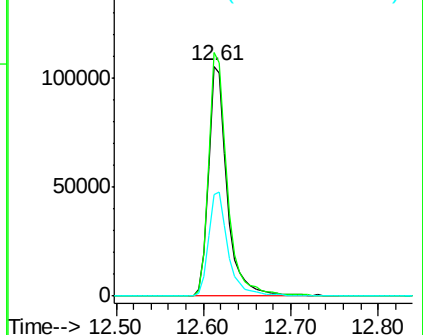


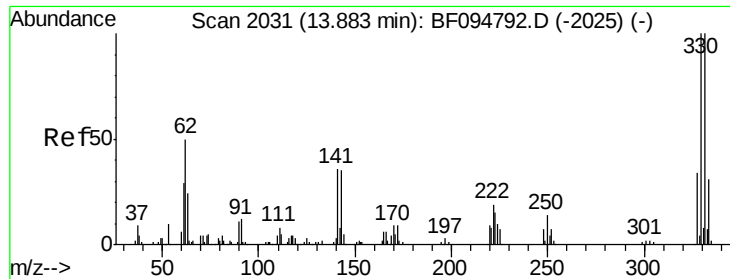
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.61 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BF095269.D
 Acq: 19 May 2017 18:25

Tgt Ion: 164 Resp: 156590
 Ion Ratio Lower Upper
 164 100
 162 106.0 82.6 123.8
 160 44.1 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

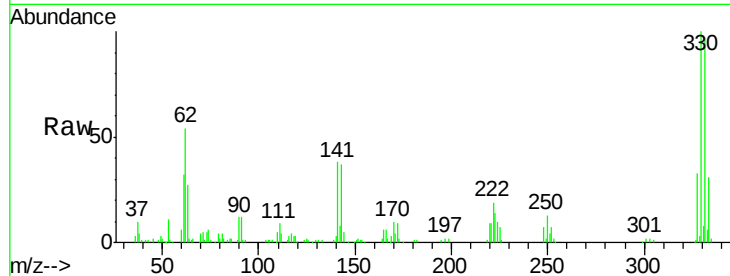




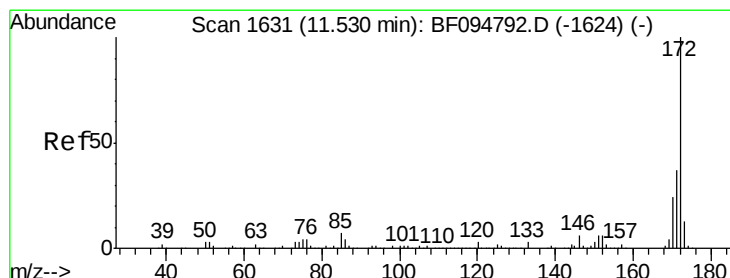
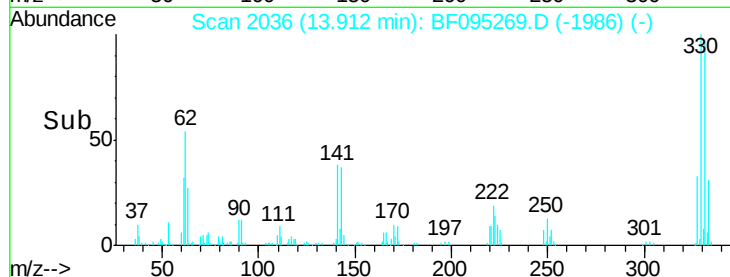
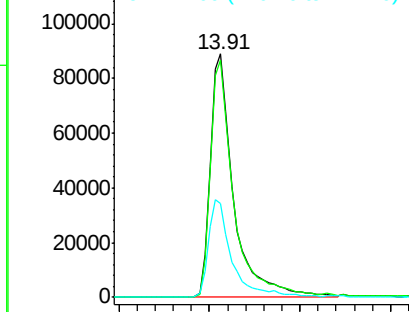
#41
 2,4,6-Tribromophenol
 Concen: 125.21 ng
 RT: 13.91 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF095269.D
 Acq: 19 May 2017 18:25

Instrument :
 BNA_F
 ClientSampleId :
 SB-8COMP

Tgt Ion: 330 Resp: 160573
 Ion Ratio Lower Upper
 330 100
 332 98.4 76.6 115.0
 141 40.3 31.4 47.2

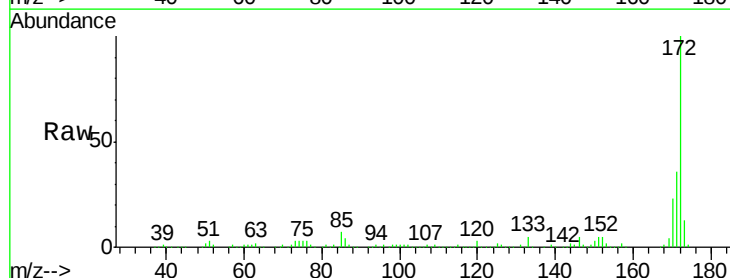


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

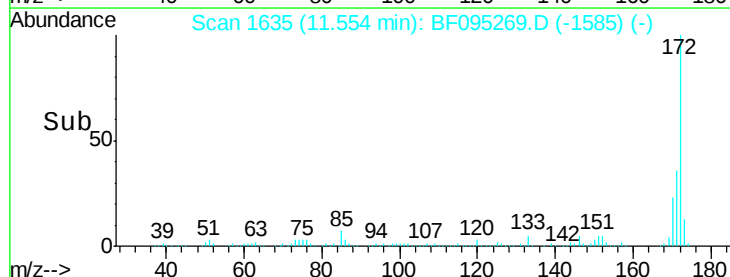
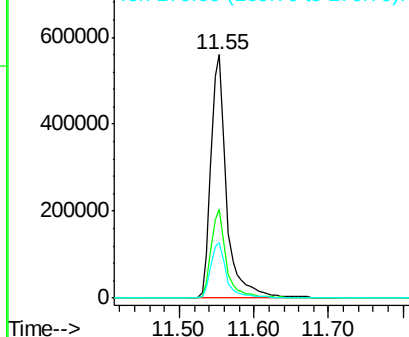


#44
 2-Fluorobiphenyl
 Concen: 74.71 ng
 RT: 11.55 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BF095269.D
 Acq: 19 May 2017 18:25

Tgt Ion: 172 Resp: 812776
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 22.8 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: 14.76 ng

RT: 12.25 min Scan# 1754

Delta R.T. -0.01 min

Lab File: BF095269.D

Acq: 19 May 2017 18:25

Instrument :

BNA_F

ClientSampleId :

SB-8COMP

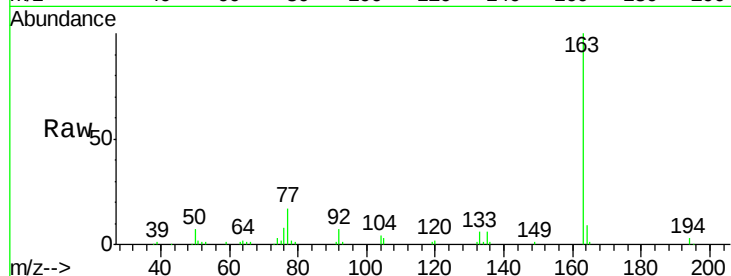
Tgt Ion:163 Resp: 189793

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

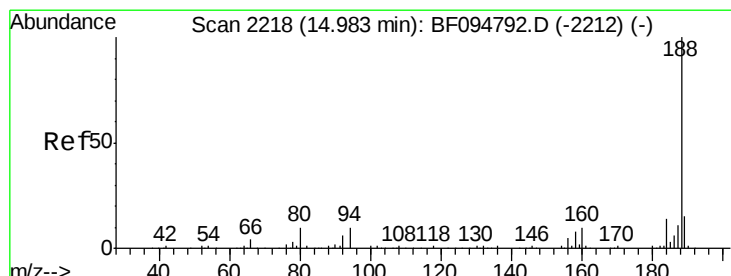
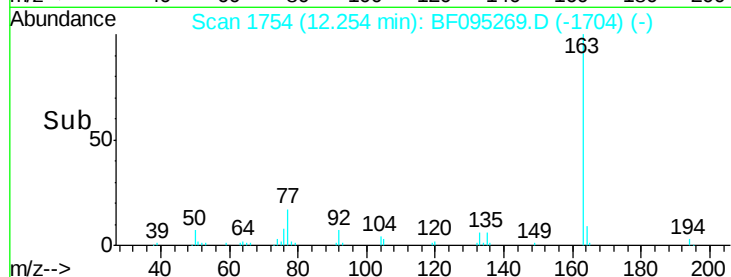
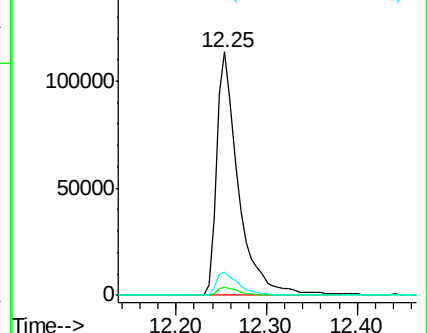
164 9.4 8.4 12.6



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: 15.02 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BF095269.D

Acq: 19 May 2017 18:25

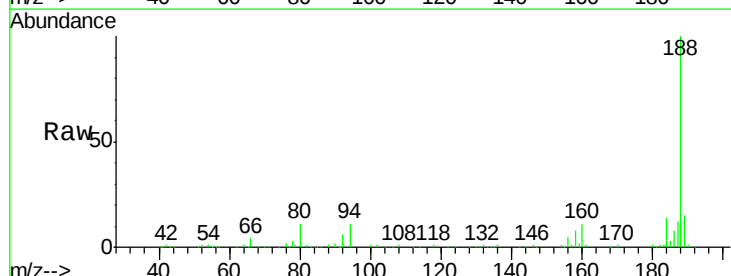
Tgt Ion:188 Resp: 302541

Ion Ratio Lower Upper

188 100

94 10.5 9.4 14.2

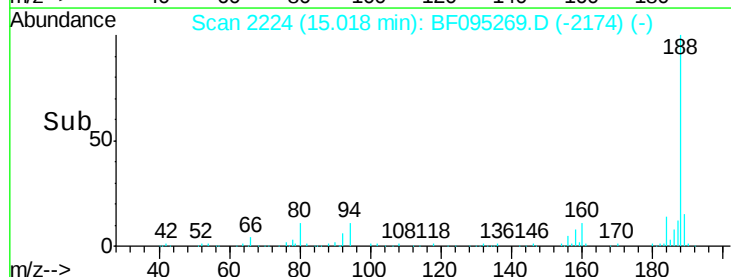
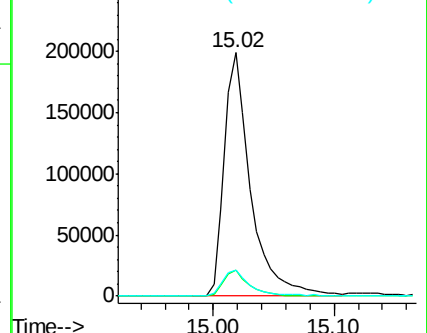
80 10.9 10.2 15.2

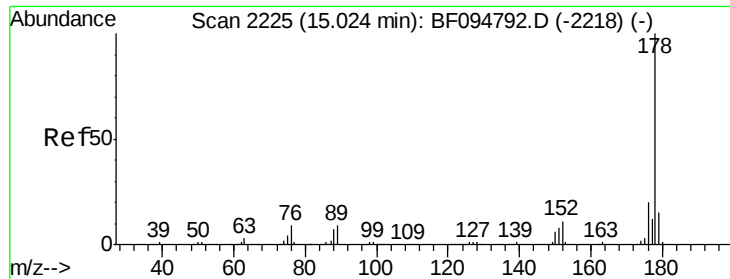


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 4.87 ng

RT: 15.06 min Scan# 2231

Delta R.T. -0.01 min

Lab File: BF095269.D

Acq: 19 May 2017 18:25

Instrument :

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ClientSampleId :

SB-8COMP

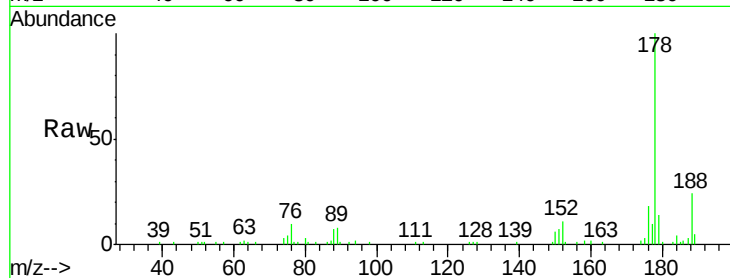
Tgt Ion:178 Resp: 84687

Ion Ratio Lower Upper

178 100

176 18.3 16.2 24.4

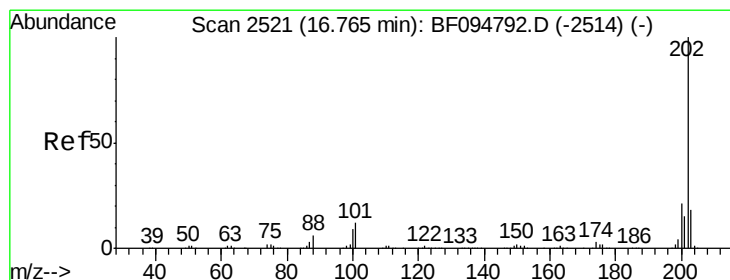
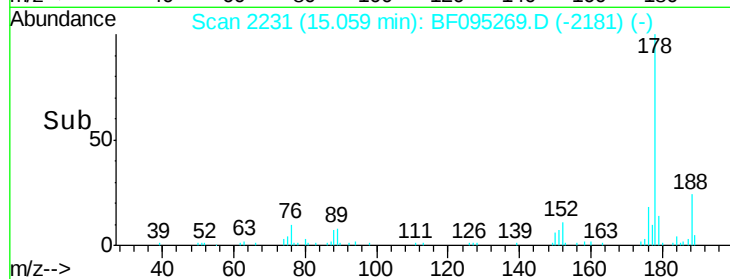
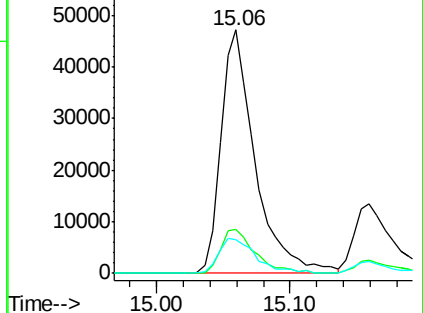
179 14.0 12.6 19.0



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: 4.17 ng

RT: 16.81 min Scan# 2528

Delta R.T. 0.01 min

Lab File: BF095269.D

Acq: 19 May 2017 18:25

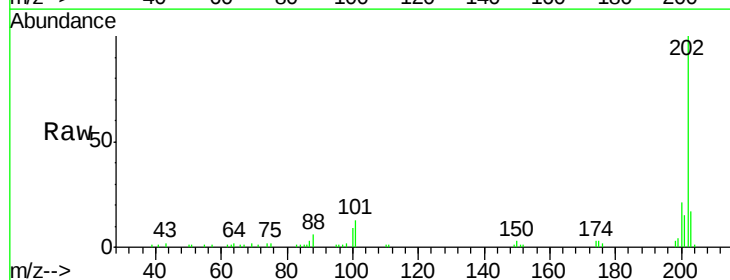
Tgt Ion:202 Resp: 74330

Ion Ratio Lower Upper

202 100

101 13.0 0.0 33.2

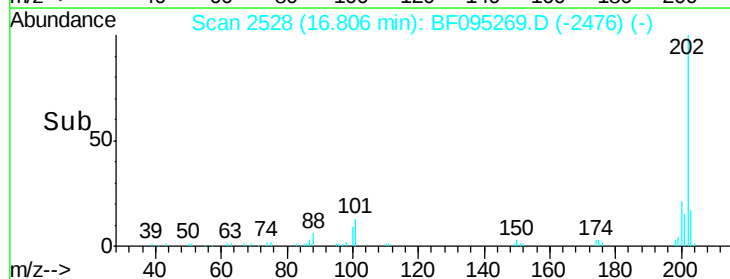
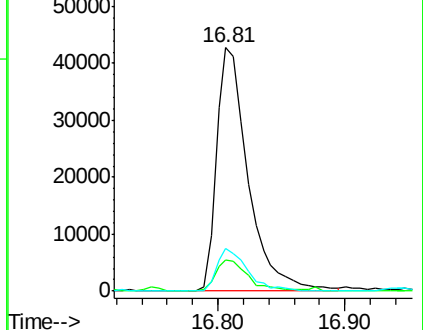
203 17.3 0.0 38.1

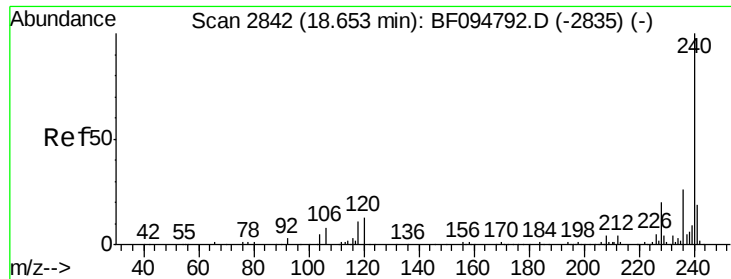


Abundance Ion 202.00 (201.70 to 202.70): E

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: 18.69 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BF095269.D

Acq: 19 May 2017 18:25

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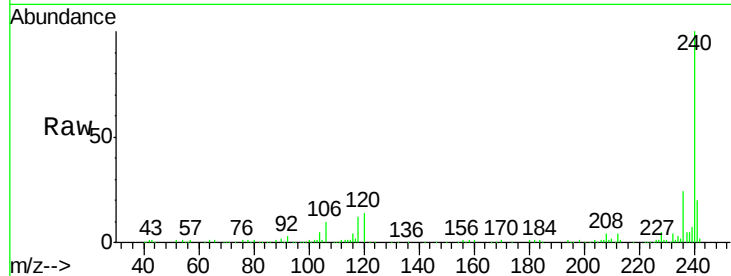
Tgt Ion:240 Resp: 260966

Ion Ratio Lower Upper

240 100

120 14.4 5.8 8.8#

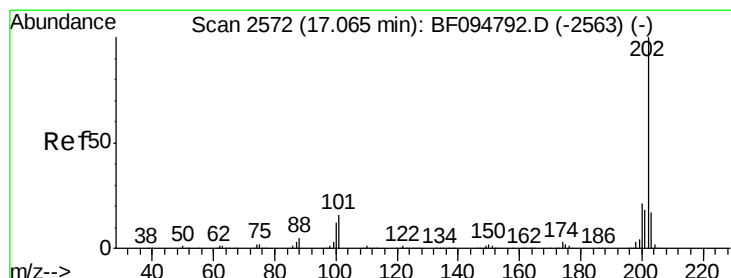
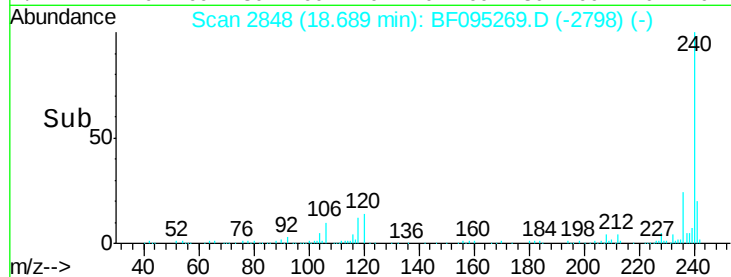
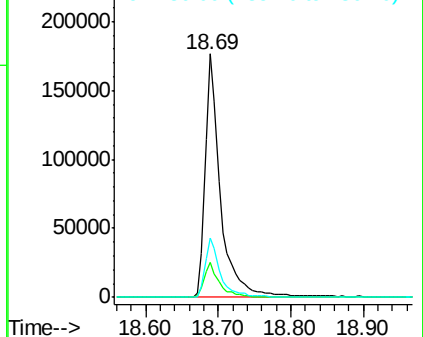
236 24.3 20.5 30.7



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: 3.14 ng

RT: 17.11 min Scan# 2580

Delta R.T. 0.01 min

Lab File: BF095269.D

Acq: 19 May 2017 18:25

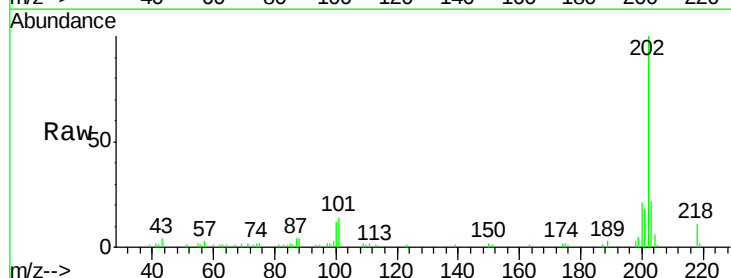
Tgt Ion:202 Resp: 61205

Ion Ratio Lower Upper

202 100

200 21.3 17.6 26.4

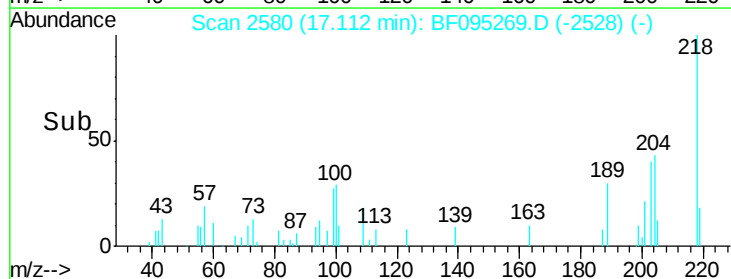
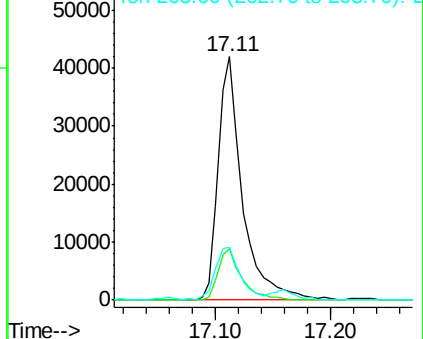
203 21.9 14.4 21.6#

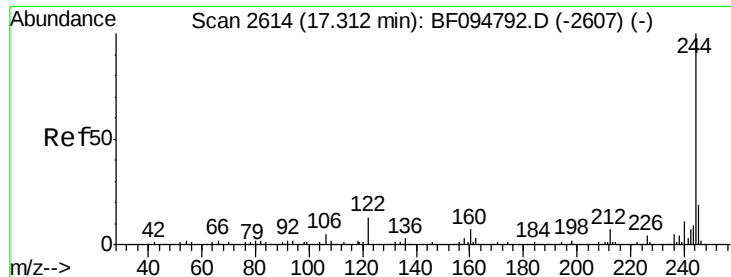


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 65.06 ng

RT: 17.34 min Scan# 2618

Delta R.T. -0.01 min

Lab File: BF095269.D

Acq: 19 May 2017 18:25

Instrument :

BNA_F

ClientSampleId :

SB-8COMP

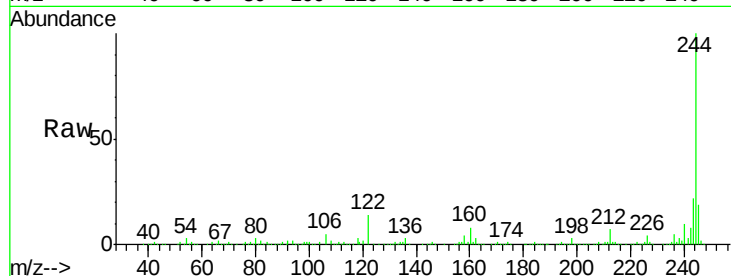
Tgt Ion:244 Resp: 770854

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

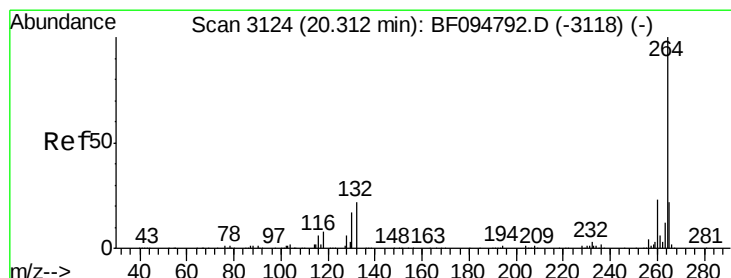
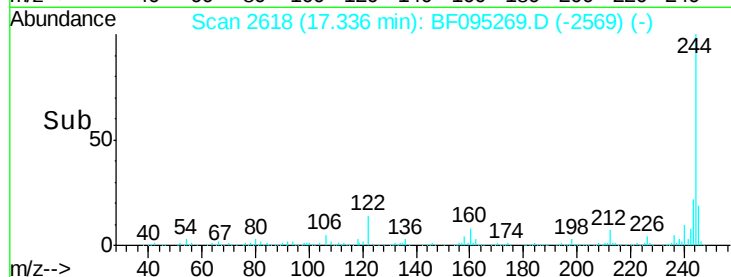
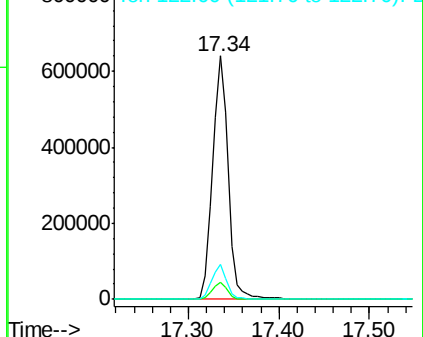
122 14.3 10.3 15.5



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 20.36 min Scan# 3133

Delta R.T. 0.00 min

Lab File: BF095269.D

Acq: 19 May 2017 18:25

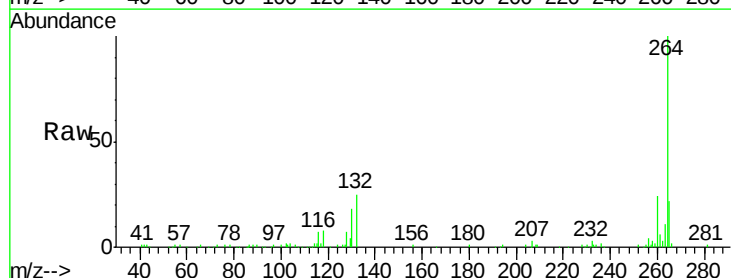
Tgt Ion:264 Resp: 171347

Ion Ratio Lower Upper

264 100

260 23.5 19.5 29.3

265 21.7 17.2 25.8



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

