

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052617\
 Data File : BF095489.D
 Acq On : 27 May 2017 7:38
 Operator : SJ/MA
 Sample : I3339-02 10X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

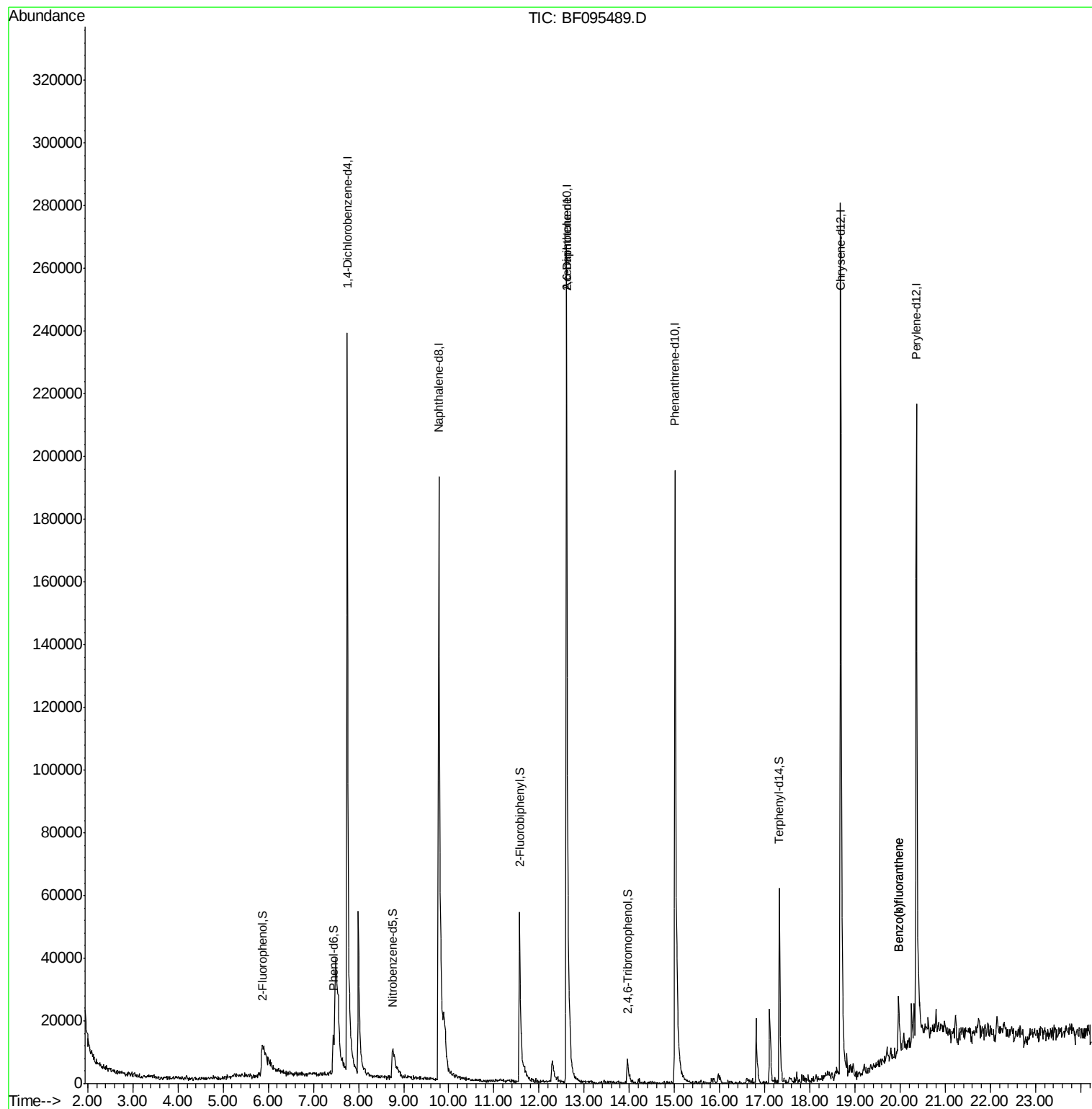
Quant Time: May 28 23:03:25 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 16:50:16 2017
 Response via : Initial Calibration

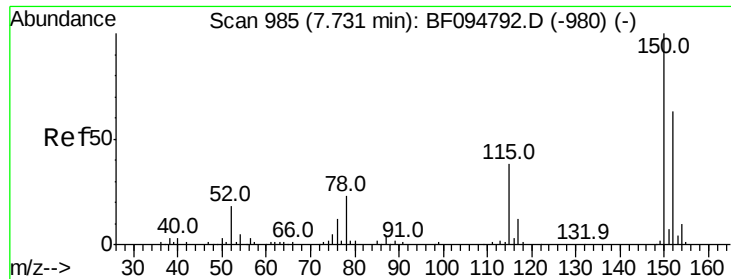
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	80630	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	274463	20.00	ng	0.02
38) Acenaphthene-d10	12.61	164	139949	20.00	ng	0.01
63) Phenanthrene-d10	15.01	188	188690	20.00	ng	0.01
75) Chrysene-d12	18.68	240	176399	20.00	ng	0.00
86) Perylene-d12	20.36	264	126527	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.87	112	9836	2.03	ng	0.16
7) Phenol-d6	7.44	99	22052	3.80	ng	0.15
23) Nitrobenzene-d5	8.75	82	16382	3.76	ng	0.09
41) 2,4,6-Tribromophenol	13.96	330	5134	4.48	ng	0.06
44) 2-Fluorobiphenyl	11.57	172	69530	7.15	ng	0.03
78) Terphenyl-d14	17.32	244	40116	5.01	ng	0.00
Target Compounds						Qvalue
50) 2,6-Dinitrotoluene	12.61	165	13222	5.64	ng	# 31
87) Benzo(b)fluoranthene	19.97	252	16206	2.07	ng	# 93
88) Benzo(k)fluoranthene	19.97	252	16206	2.15	ng	97

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

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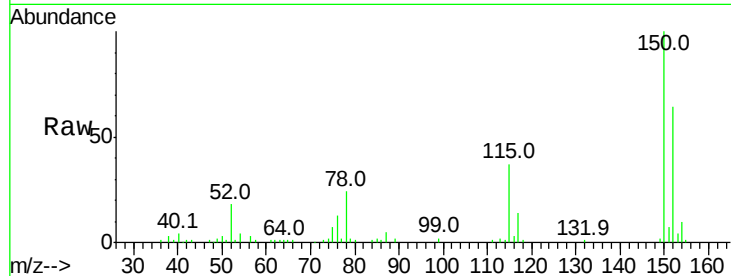




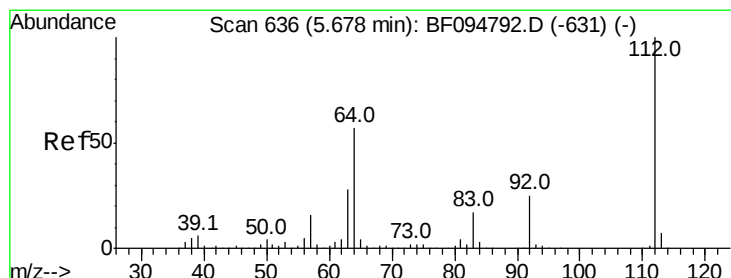
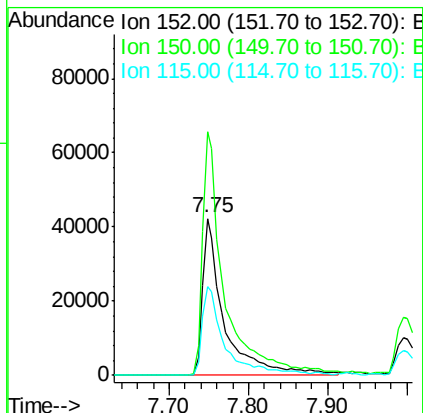
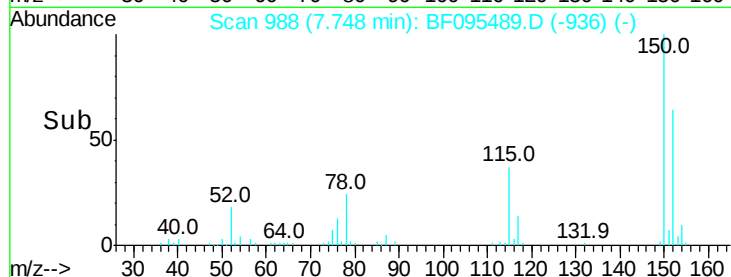
#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.75 min Scan# 988
Delta R.T. 0.01 min
Lab File: BF095489.D
Acq: 27 May 2017 7:38

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	126.2	189.2
115	56.9	52.2	78.2



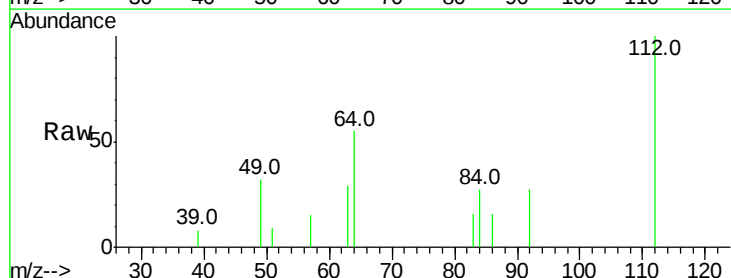
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



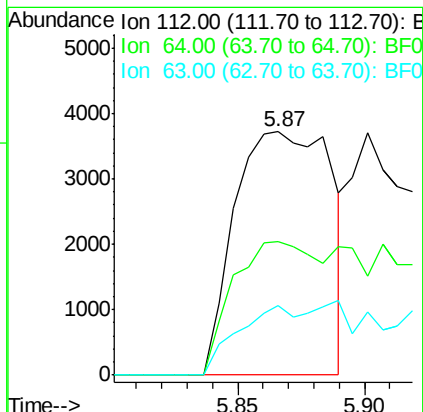
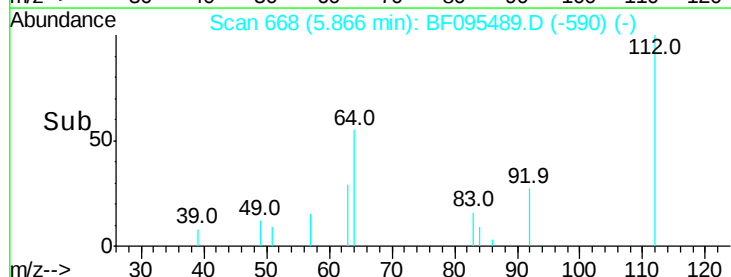
#5

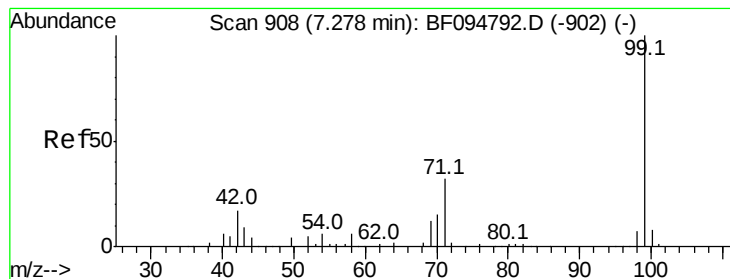
2-Fluorophenol
Concen: 2.03 ng
RT: 5.87 min Scan# 668
Delta R.T. 0.16 min
Lab File: BF095489.D
Acq: 27 May 2017 7:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.0	46.0	69.0
63	28.8	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: 3.80 ng

RT: 7.44 min Scan# 936

Delta R.T. 0.15 min

Lab File: BF095489.D

Acq: 27 May 2017 7:38

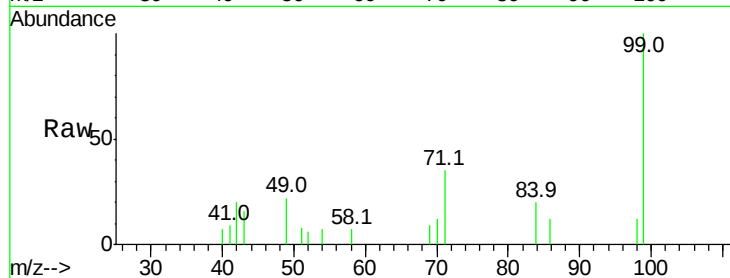
Tot Ion: 99 Resp: 22052

Ion Ratio Lower Upper

99 100

42 20.2 13.5 20.3

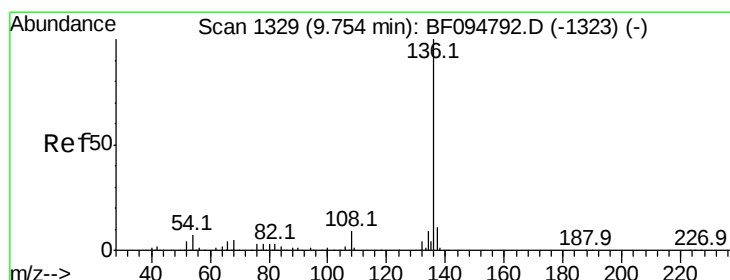
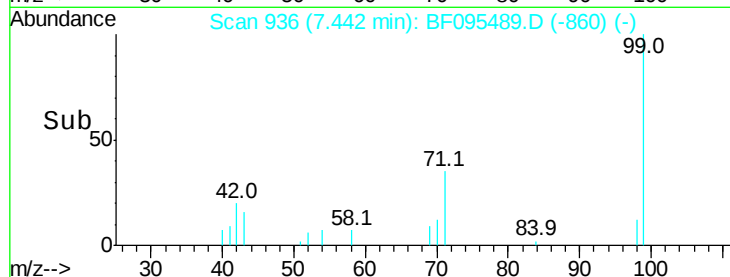
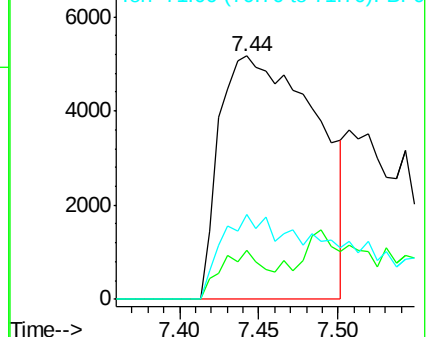
71 34.8 24.5 36.7



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# 1333

Delta R.T. 0.02 min

Lab File: BF095489.D

Acq: 27 May 2017 7:38

Tgt Ion: 136 Resp: 274463

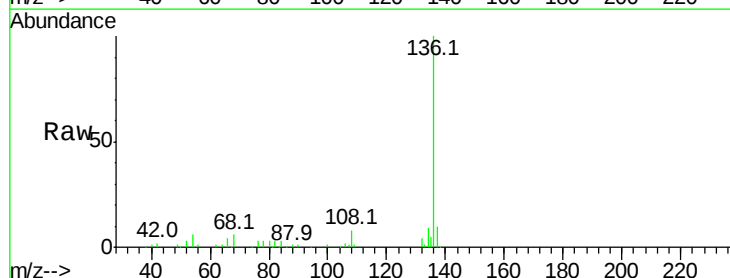
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 6.4 4.9 7.3

68 5.8 4.1 6.1

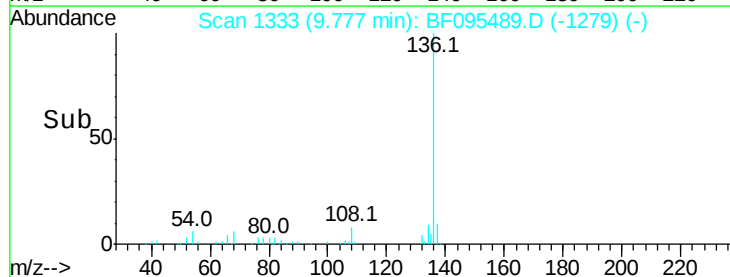
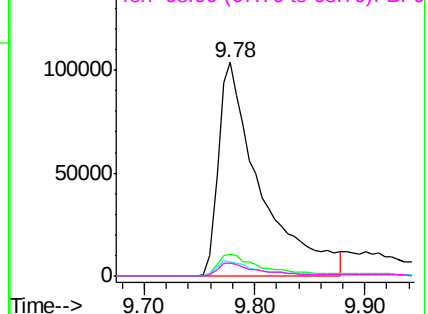


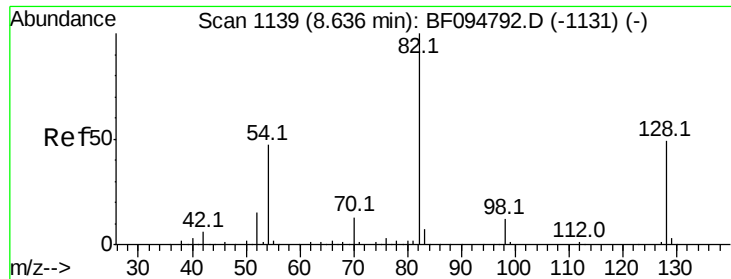
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

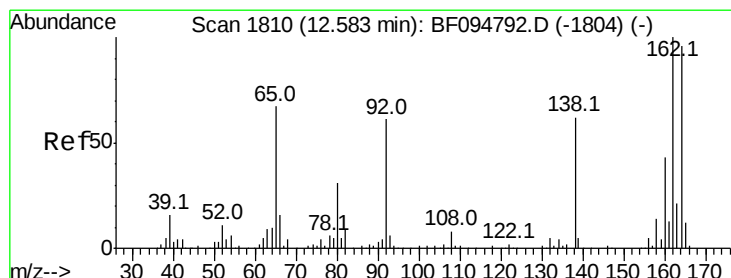
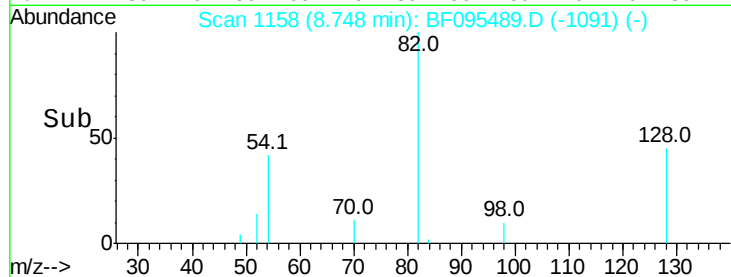
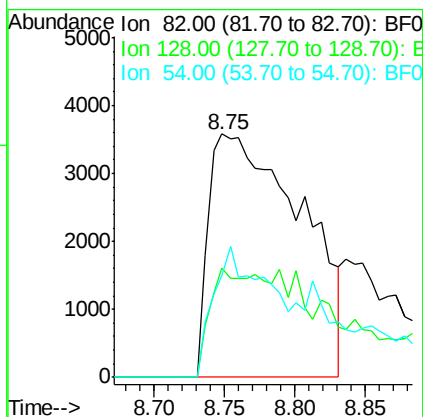
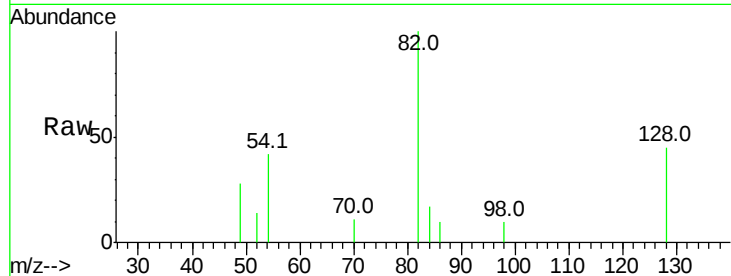
Ion 68.00 (67.70 to 68.70): BF0





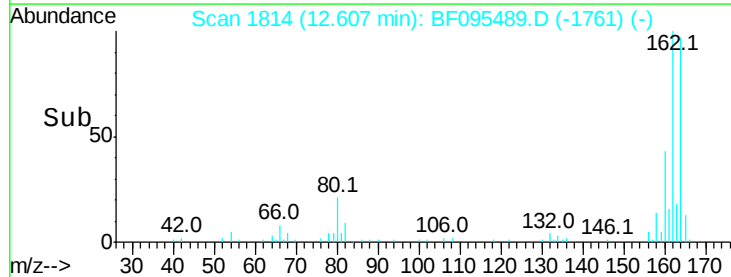
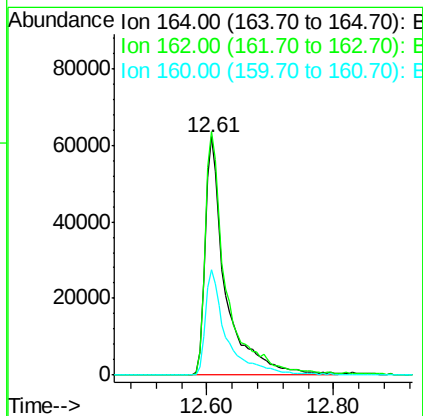
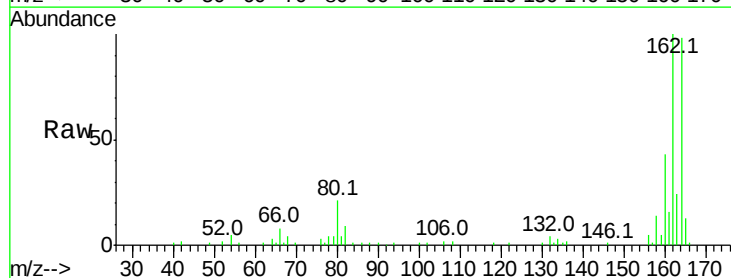
#23
 Nitrobenzene-d5
 Concen: 3.76 ng
 RT: 8.75 min Scan# 1158
 Delta R.T. 0.09 min
 Lab File: BF095489.D
 Acq: 27 May 2017 7:38

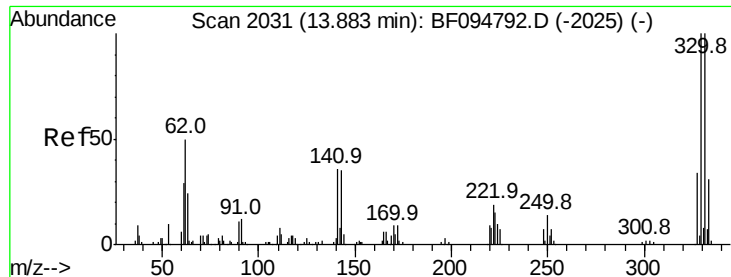
Tot Ion: 82 Resp: 16382
 Ion Ratio Lower Upper
 82 100
 128 45.0 34.0 51.0
 54 41.8 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.61 min Scan# 1814
 Delta R.T. 0.01 min
 Lab File: BF095489.D
 Acq: 27 May 2017 7:38

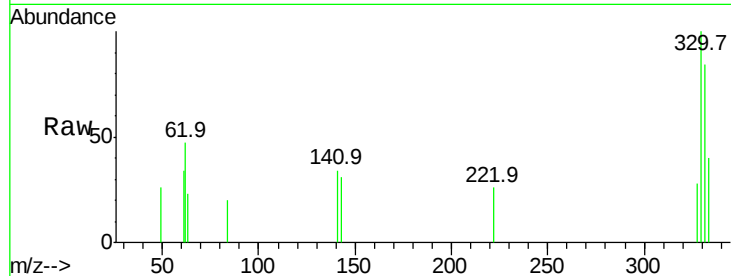
Tgt Ion: 164 Resp: 139949
 Ion Ratio Lower Upper
 164 100
 162 102.1 82.6 123.8
 160 44.3 36.2 54.2



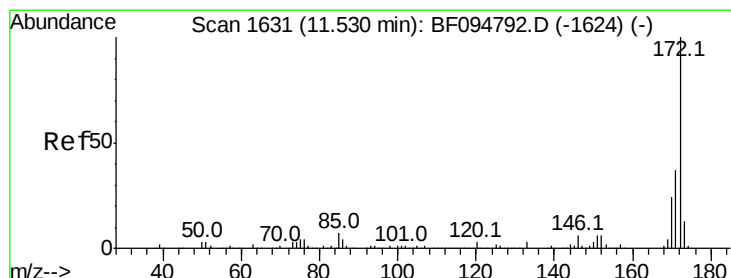
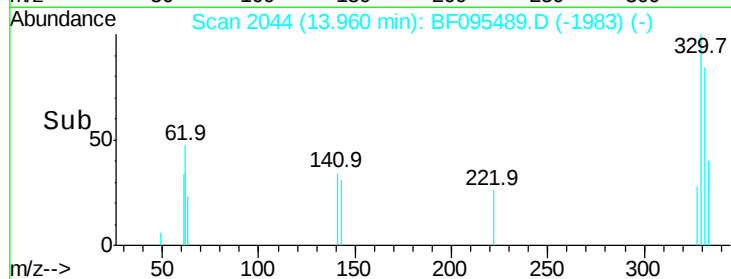
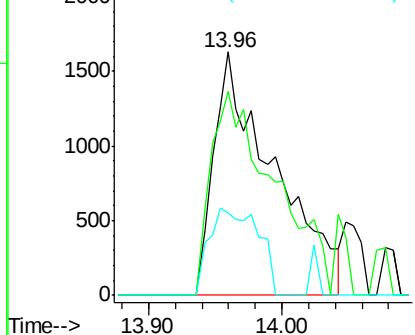


#41
 2,4,6-Tribromophenol
 Concen: 4.48 ng
 RT: 13.96 min Scan# 2044
 Delta R.T. 0.06 min
 Lab File: BF095489.D
 Acq: 27 May 2017 7:38

Tot Ion:330 Resp: 5134
 Ion Ratio Lower Upper
 330 100
 332 88.4 76.6 115.0
 141 28.9 31.4 47.2#

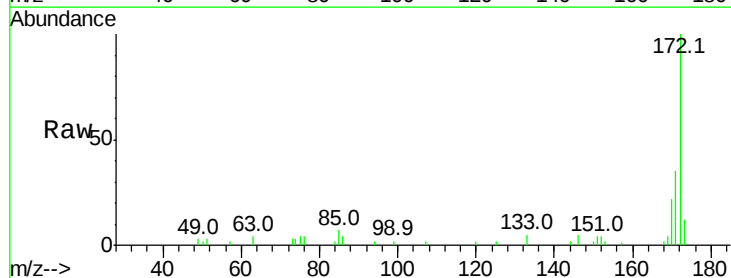


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

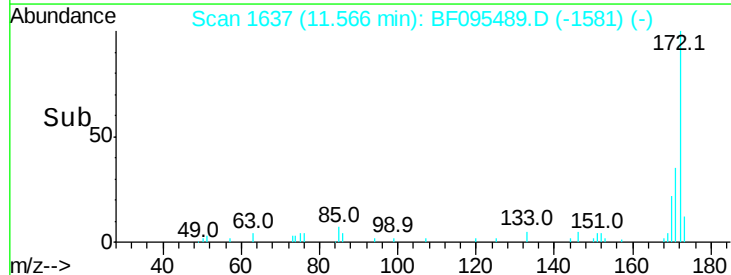
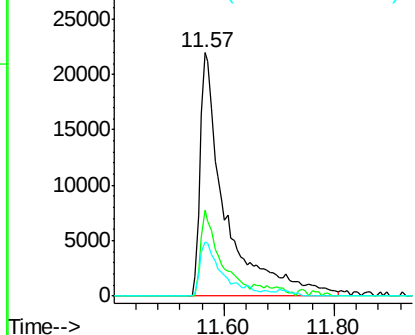


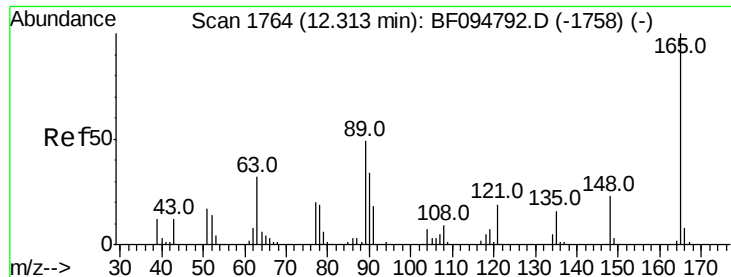
#44
 2-Fluorobiphenyl
 Concen: 7.15 ng
 RT: 11.57 min Scan# 1637
 Delta R.T. 0.03 min
 Lab File: BF095489.D
 Acq: 27 May 2017 7:38

Tgt Ion:172 Resp: 69530
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.6 44.4
 170 22.2 19.8 29.8



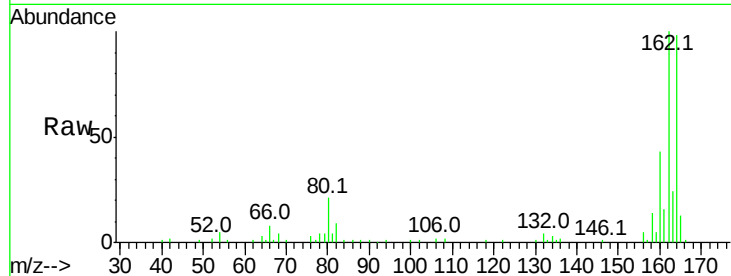
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#50
 2,6-Dinitrotoluene
 Concen: 5.64 ng
 RT: 12.61 min Scan# 1814
 Delta R.T. 0.26 min
 Lab File: BF095489.D
 Acq: 27 May 2017 7:38

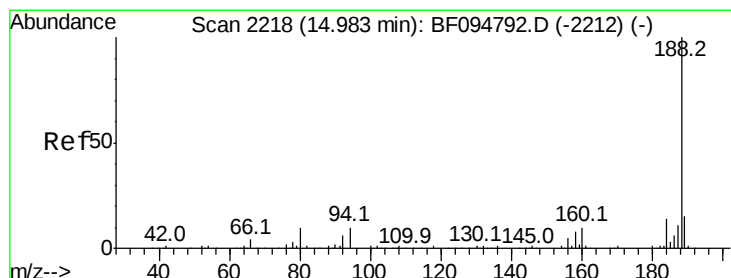
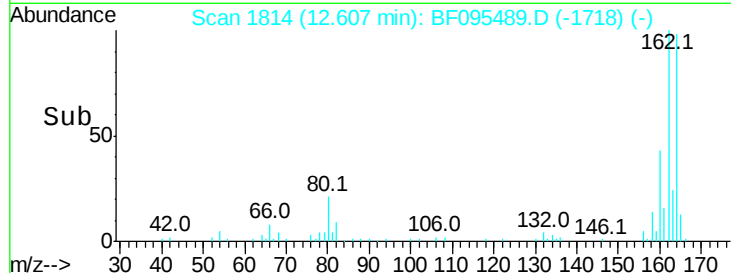
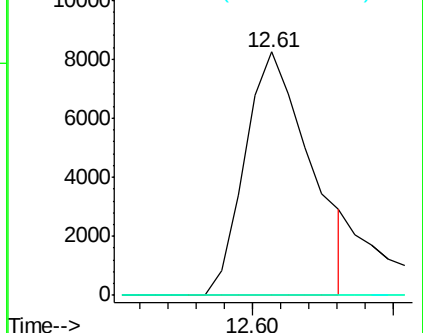
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

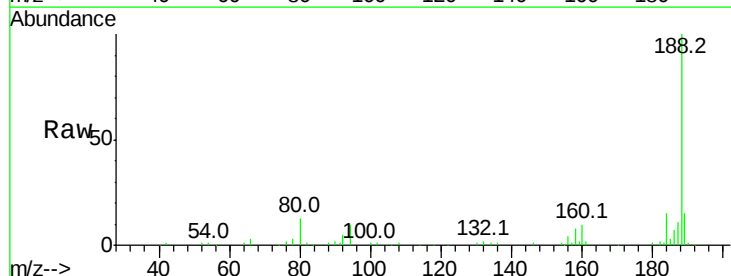
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.01 min Scan# 2223
 Delta R.T. 0.01 min
 Lab File: BF095489.D
 Acq: 27 May 2017 7:38

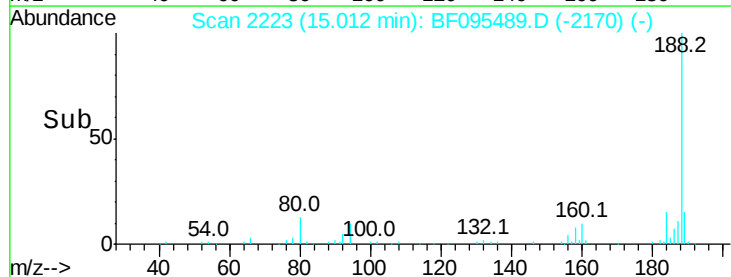
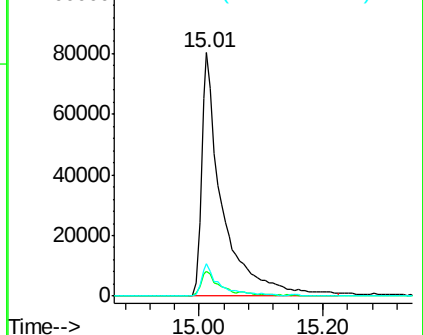
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	9.4	14.2
80	13.2	10.2	15.2

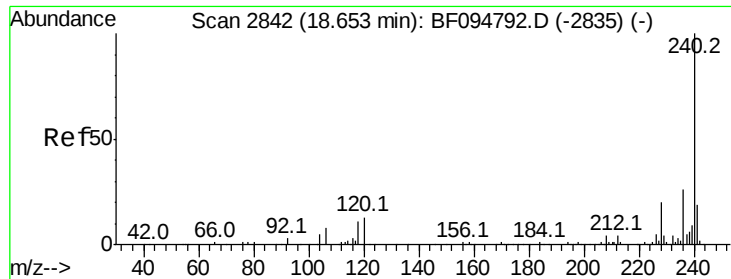


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.68 min Scan# 2847

Delta R.T. 0.01 min

Lab File: BF095489.D

Acq: 27 May 2017 7:38

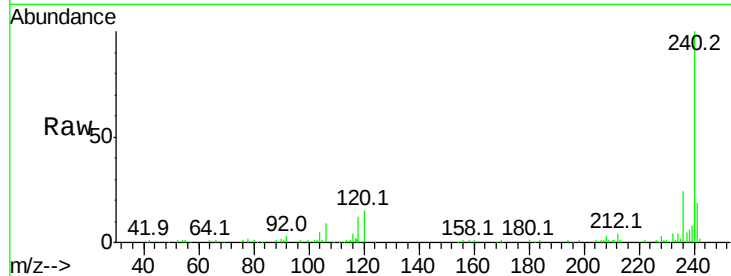
Tot Ion:240 Resp: 176399

Ion Ratio Lower Upper

240 100

120 15.1 5.8 8.8#

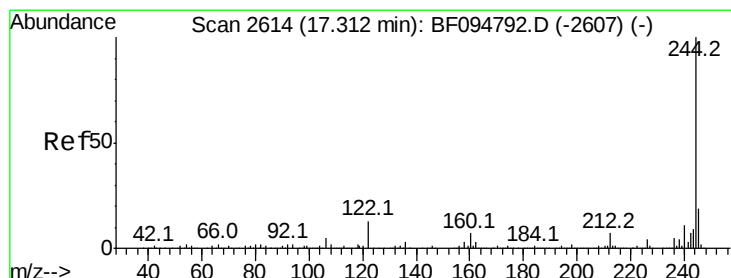
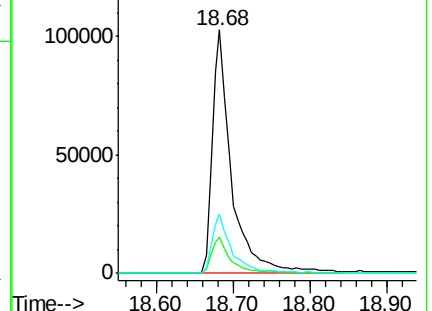
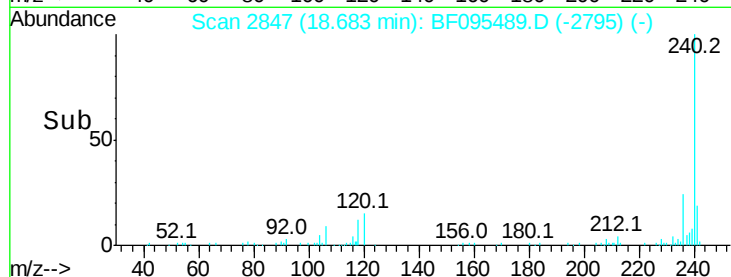
236 24.4 20.5 30.7



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



#78

Terphenyl-d14

Concen: 5.01 ng

RT: 17.32 min Scan# 2616

Delta R.T. 0.00 min

Lab File: BF095489.D

Acq: 27 May 2017 7:38

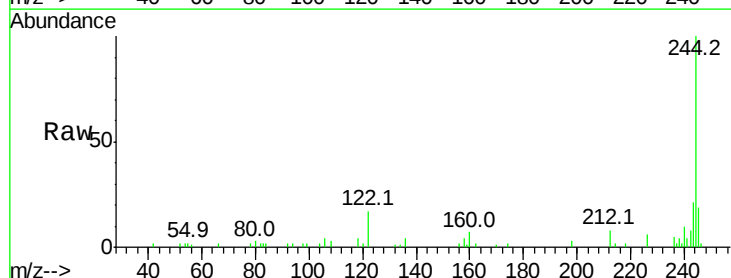
Tgt Ion:244 Resp: 40116

Ion Ratio Lower Upper

244 100

212 8.5 6.0 9.0

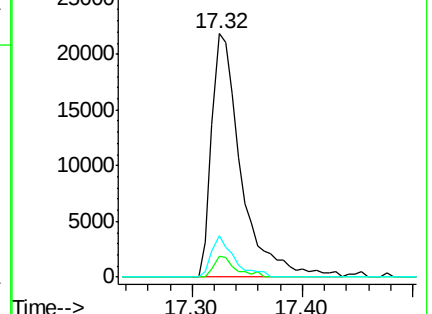
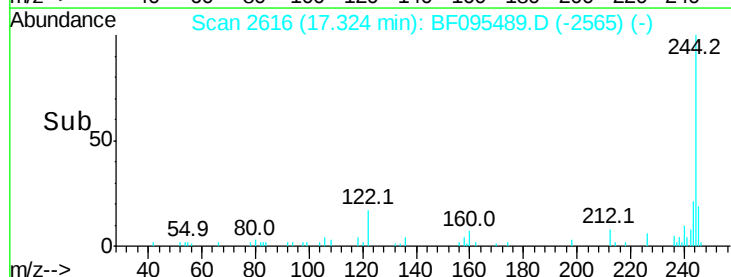
122 17.2 10.3 15.5#

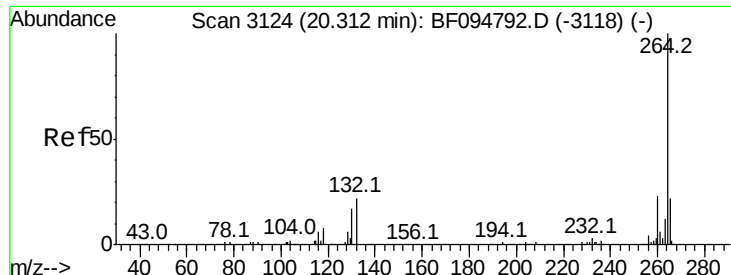


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

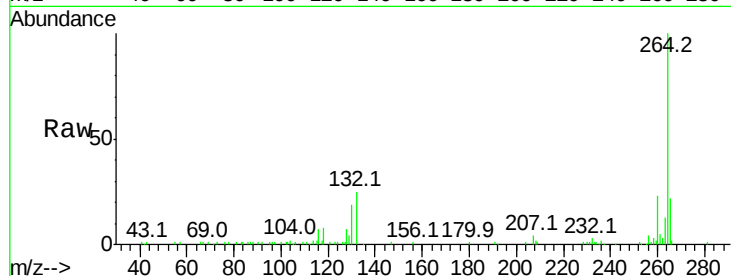
Ion 122.00 (121.70 to 122.70): E



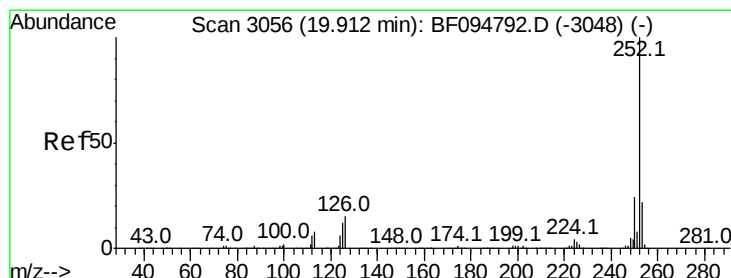
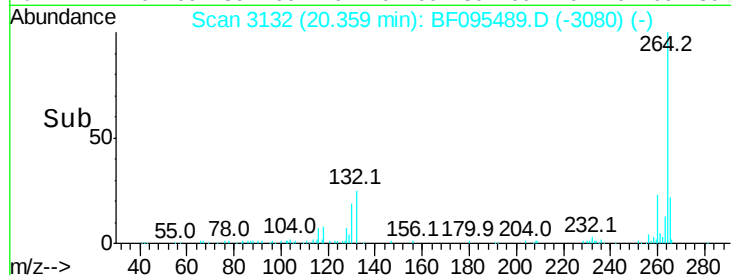
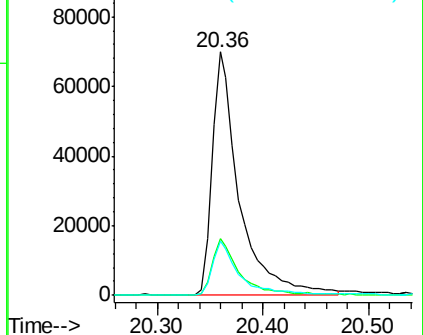


#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.36 min Scan# 3132
Delta R.T. 0.01 min
Lab File: BF095489.D
Acq: 27 May 2017 7:38

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	22.1	17.2	25.8

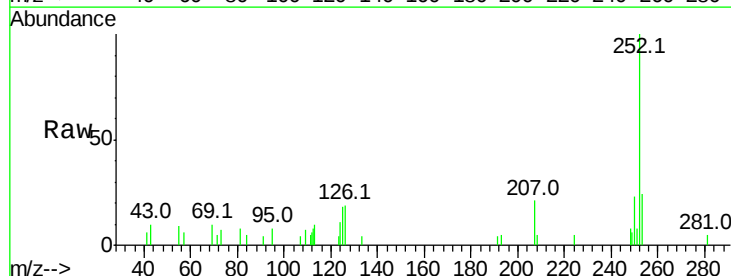


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

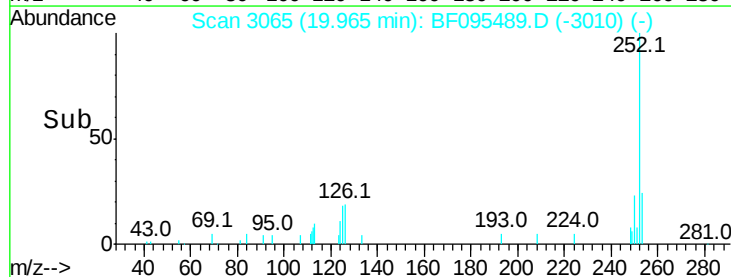
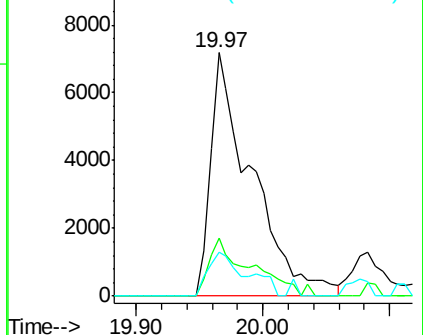


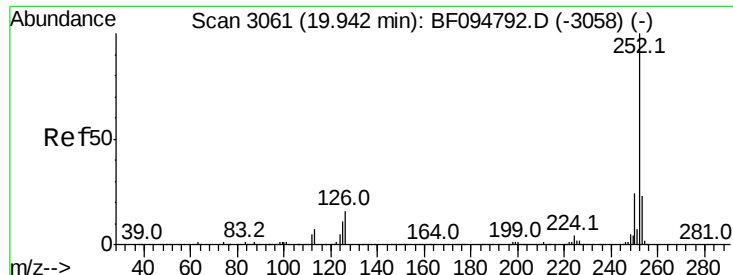
#87
Benzo(b)fluoranthene
Concen: 2.07 ng
RT: 19.97 min Scan# 3065
Delta R.T. 0.02 min
Lab File: BF095489.D
Acq: 27 May 2017 7:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.1	27.1
125	18.1	9.8	14.8#



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





#88

Benzo(k)fluoranthene

Concen: 2.15 ng

RT: 19.97 min Scan# 3065

Delta R.T. -0.01 min

Lab File: BF095489.D

Acq: 27 May 2017 7:38

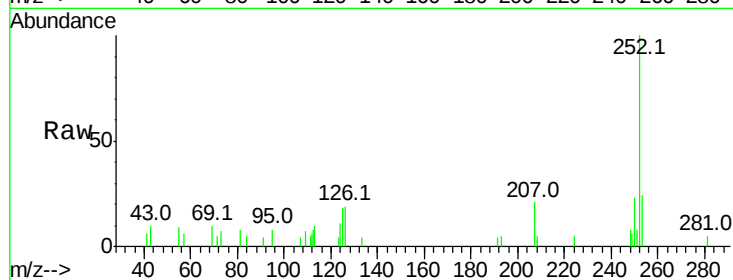
Tot Ion: 252 Resp: 16206

Ion Ratio Lower Upper

252 100

253 23.7 18.4 27.6

125 18.1 13.1 19.7



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

