

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052617\
 Data File : BF095467.D
 Acq On : 26 May 2017 18:34
 Operator : SJ/MA
 Sample : I3221-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

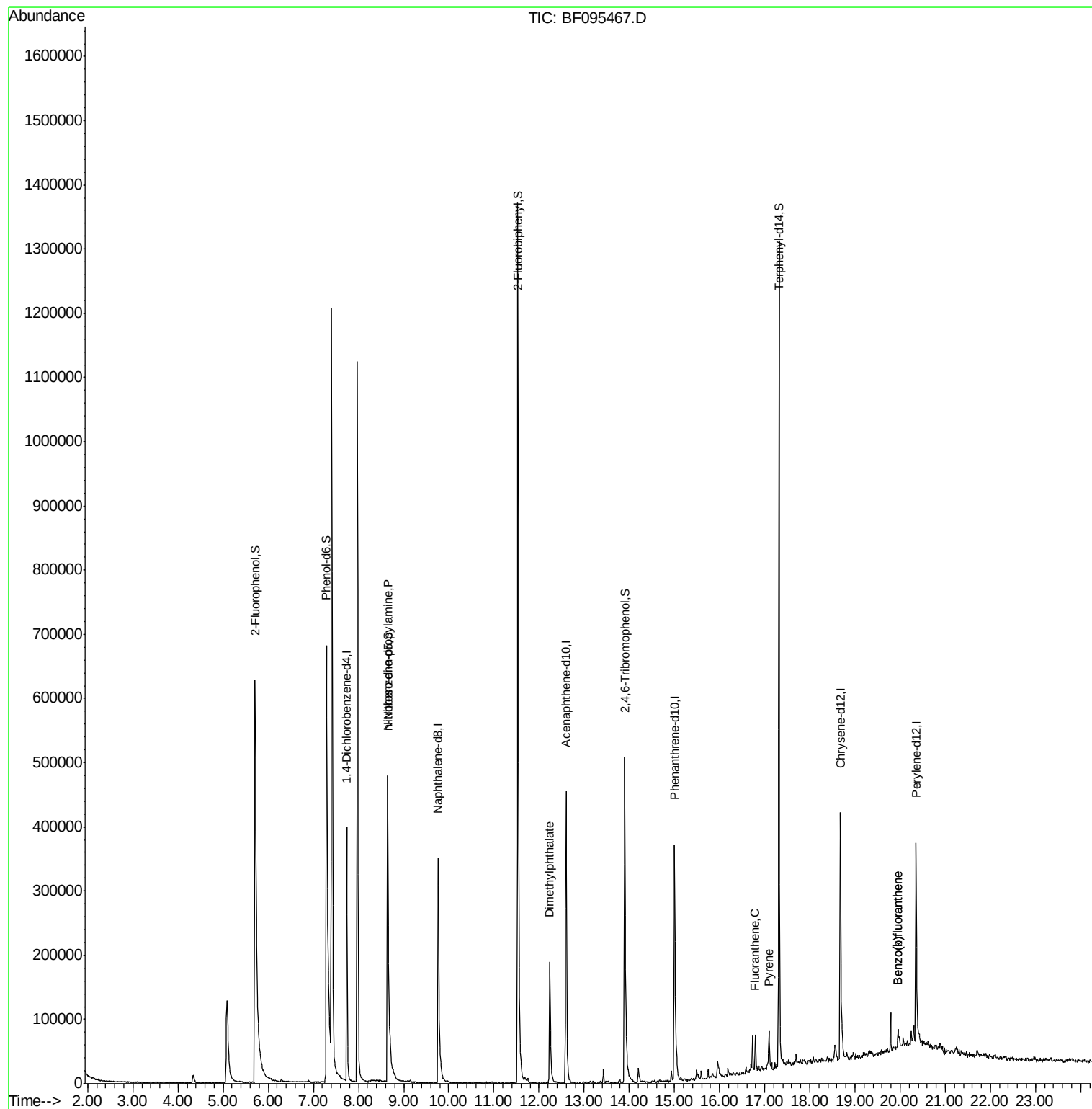
Quant Time: May 27 03:09:26 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 16:50:16 2017
 Response via : Initial Calibration

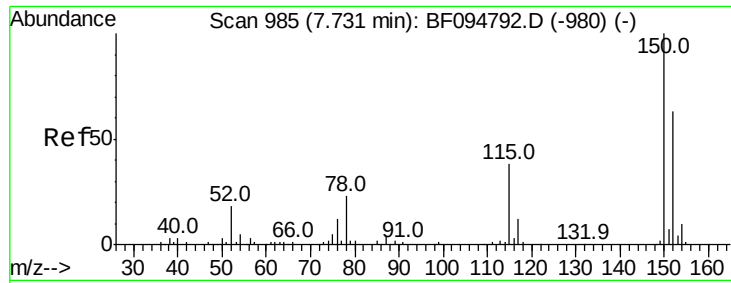
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	89836	20.00	ng	0.00
21) Naphthalene-d8	9.77	136	373168	20.00	ng	0.00
38) Acenaphthene-d10	12.59	164	165856	20.00	ng	0.00
63) Phenanthrene-d10	15.00	188	261962	20.00	ng	0.00
75) Chrysene-d12	18.68	240	192396	20.00	ng	0.00
86) Perylene-d12	20.35	264	164216	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	564546	104.77	ng	0.00
7) Phenol-d6	7.29	99	700152	108.29	ng	0.00
23) Nitrobenzene-d5	8.64	82	402517	68.02	ng	-0.01
41) 2,4,6-Tribromophenol	13.90	330	126673	93.26	ng	0.00
44) 2-Fluorobiphenyl	11.53	172	842327	73.10	ng	0.00
78) Terphenyl-d14	17.32	244	513431	58.78	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	8.65	70	45764	10.47	ng	# 75
49) Dimethylphthalate	12.24	163	173296	12.73	ng	98
74) Fluoranthene	16.79	202	37351	2.42	ng	99
77) Pyrene	17.09	202	30821	2.14	ng	96
87) Benzo(b)fluoranthene	19.95	252	26008	2.56	ng	# 94
88) Benzo(k)fluoranthene	19.95	252	26008	2.66	ng	97

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

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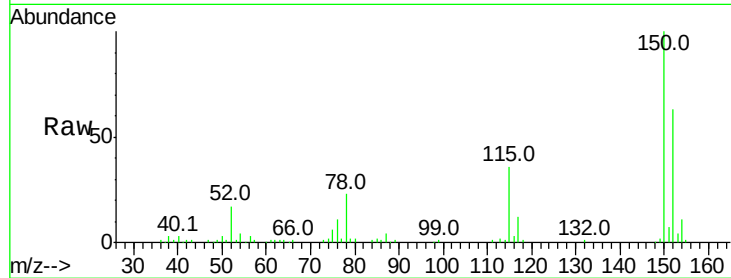




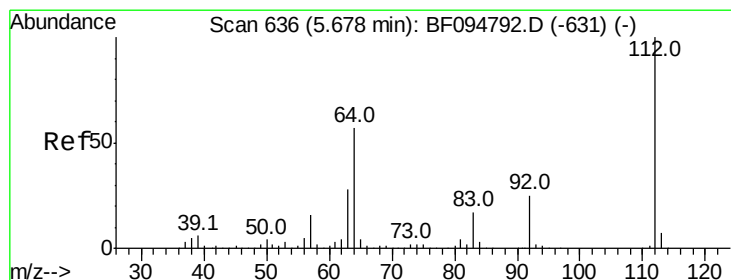
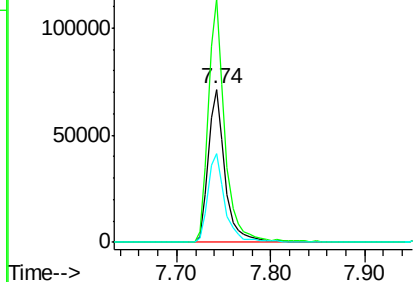
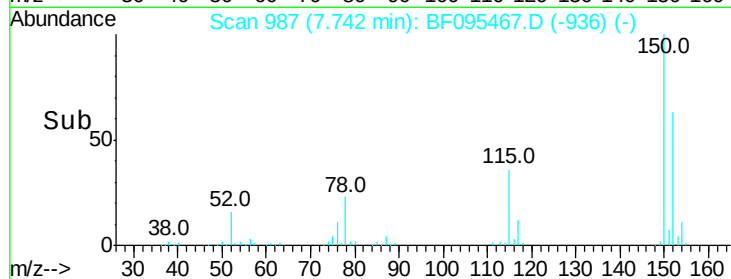
#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF095467.D
Acq: 26 May 2017 18:34

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	126.2	189.2
115	57.8	52.2	78.2



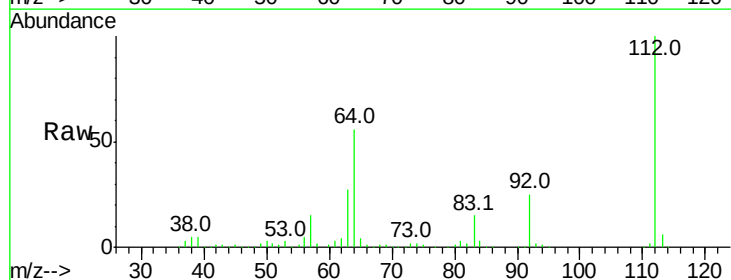
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



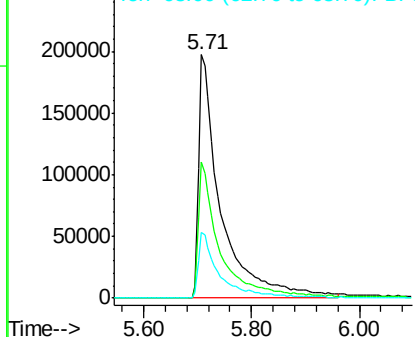
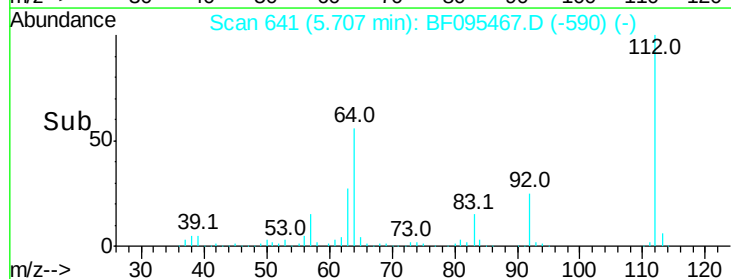
#5

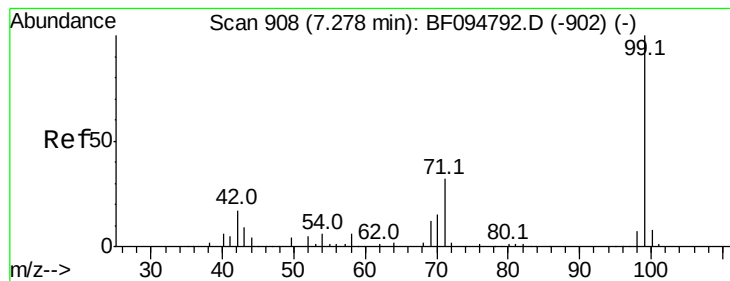
2-Fluorophenol
Concen: 104.77 ng
RT: 5.71 min Scan# 641
Delta R.T. -0.00 min
Lab File: BF095467.D
Acq: 26 May 2017 18:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.9	46.0	69.0
63	26.9	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: 108.29 ng

RT: 7.29 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF095467.D

Acq: 26 May 2017 18:34

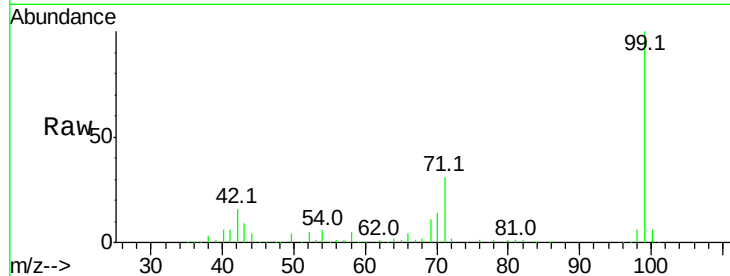
Tot Ion: 99 Resp: 700152

Ion Ratio Lower Upper

99 100

42 15.8 13.5 20.3

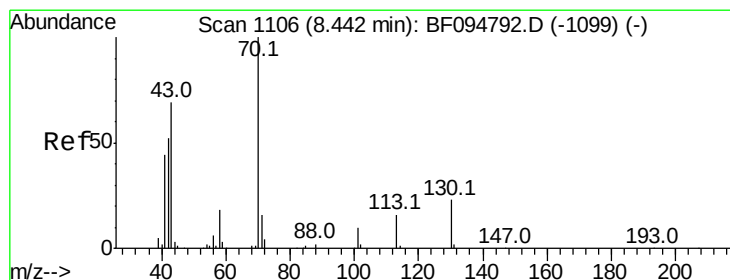
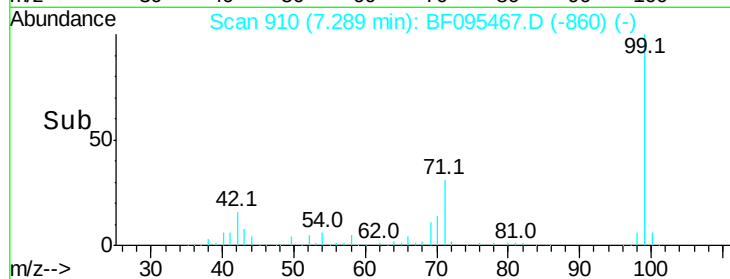
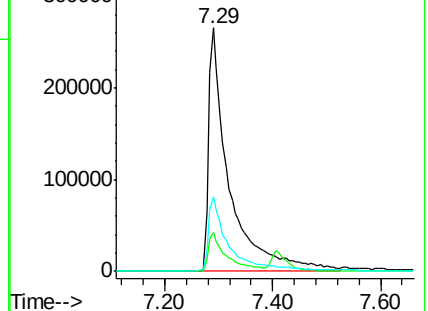
71 30.8 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 10.47 ng

RT: 8.65 min Scan# 1141

Delta R.T. 0.19 min

Lab File: BF095467.D

Acq: 26 May 2017 18:34

Tgt Ion: 70 Resp: 45764

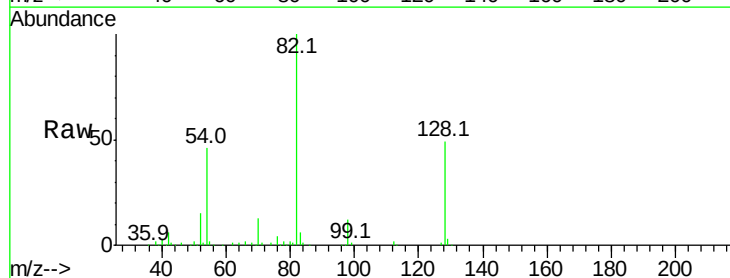
Ion Ratio Lower Upper

70 100

42 43.8 47.2 70.8#

101 0.0 7.2 10.8#

130 2.7 15.9 23.9#

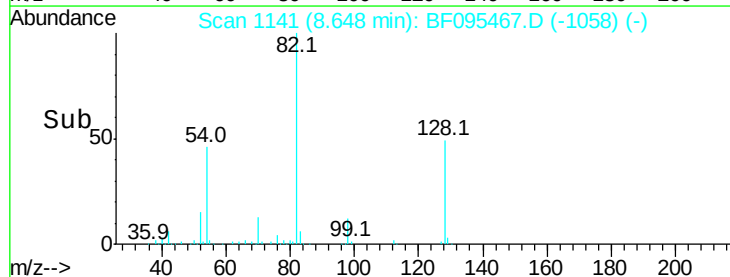
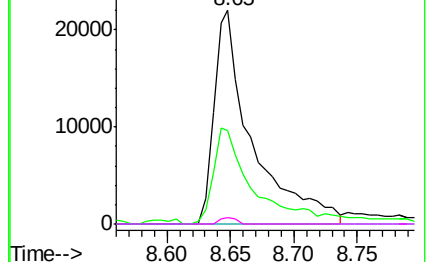


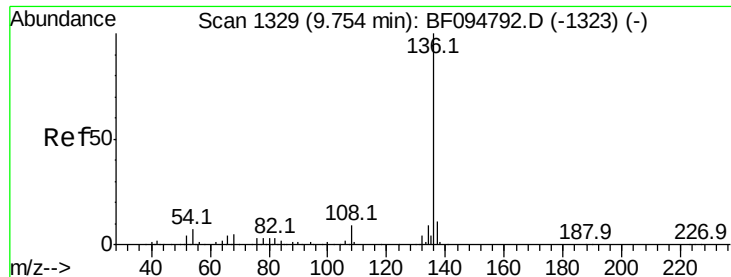
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

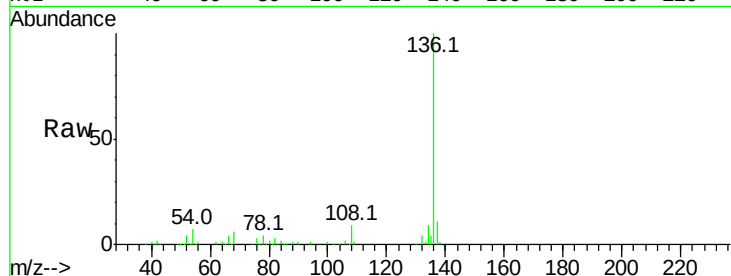
Ion 130.00 (129.70 to 130.70): BF0



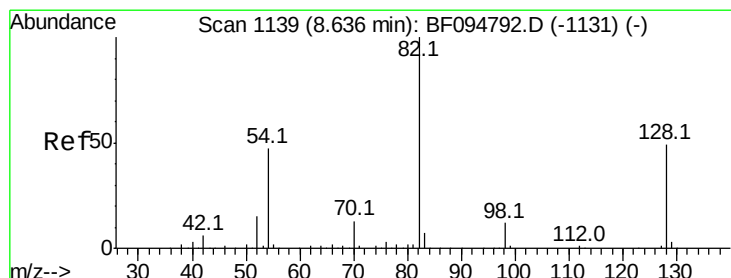
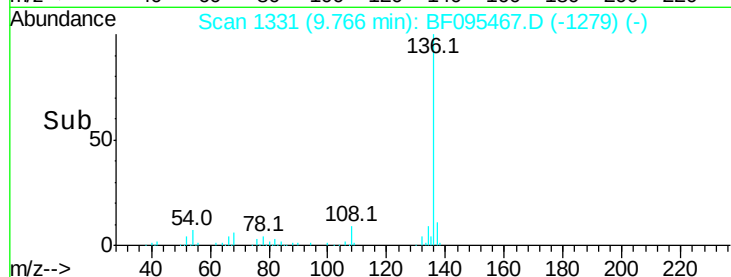
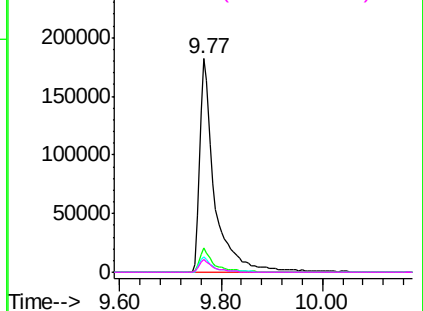


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.77 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF095467.D
Acq: 26 May 2017 18:34

Tot Ion:136	Resp:	373168
Ion Ratio	Lower	Upper
136 100		
137 11.5	8.5	12.7
54 7.0	4.9	7.3
68 5.9	4.1	6.1

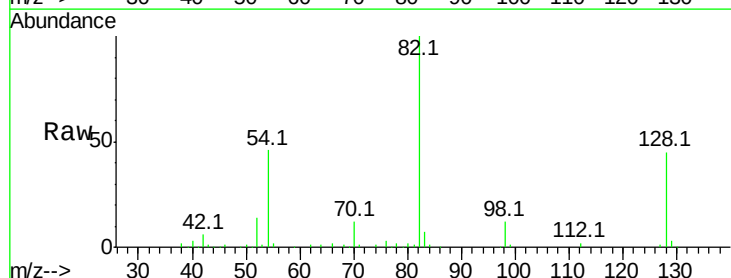


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

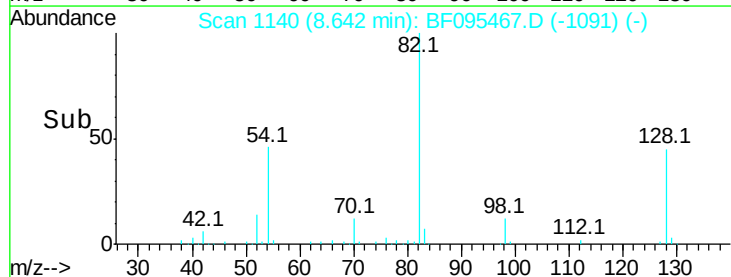
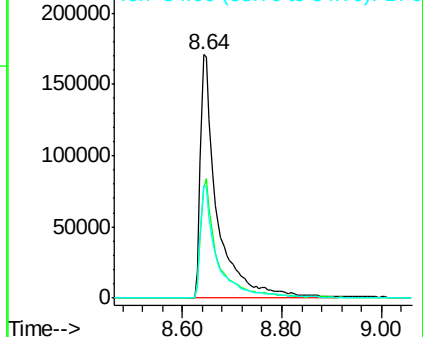


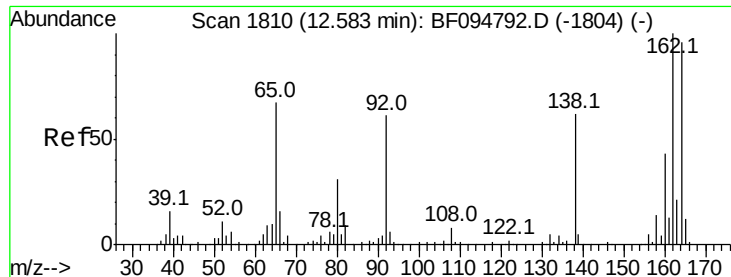
#23
Nitrobenzene-d5
Concen: 68.02 ng
RT: 8.64 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF095467.D
Acq: 26 May 2017 18:34

Tgt	Ion: 82	Resp:	402517
Ion	Ratio	Lower	Upper
82	100		
128	45.4	34.0	51.0
54	46.4	42.2	63.2



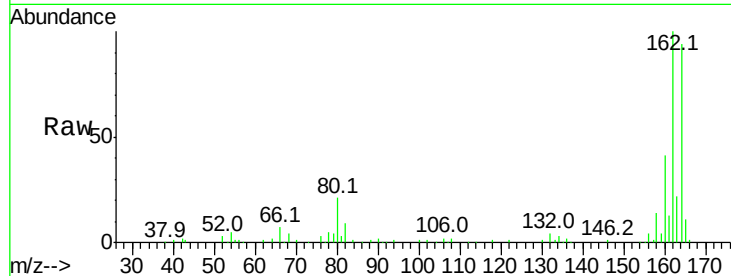
Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0



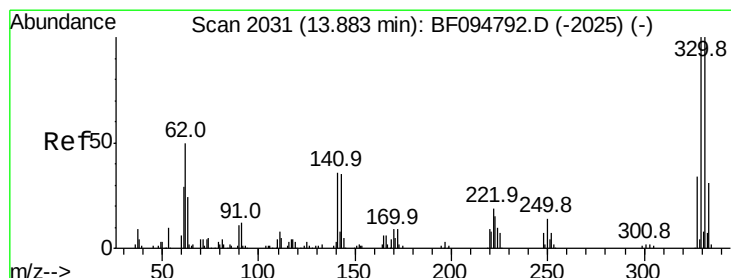
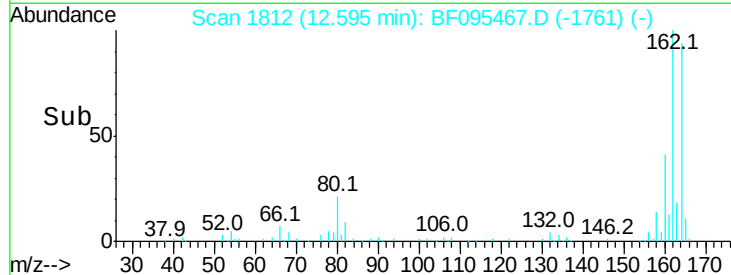
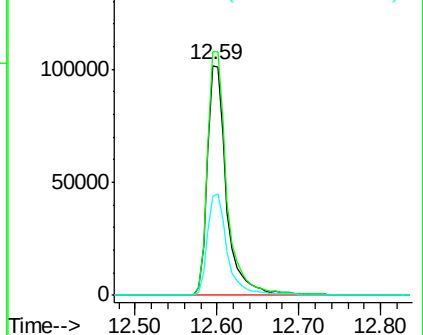


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.59 min Scan# 1812
Delta R.T. -0.00 min
Lab File: BF095467.D
Acq: 26 May 2017 18:34

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.9	82.6	123.8
160	43.2	36.2	54.2

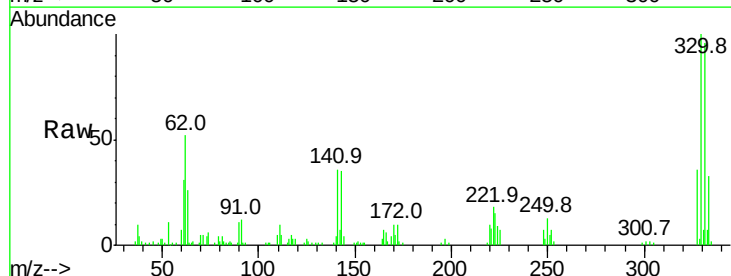


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

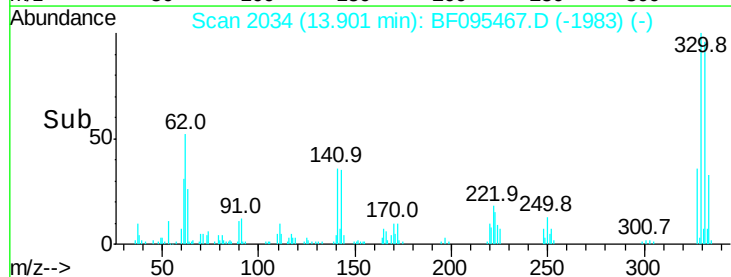
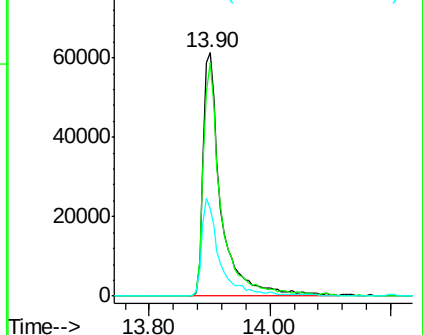


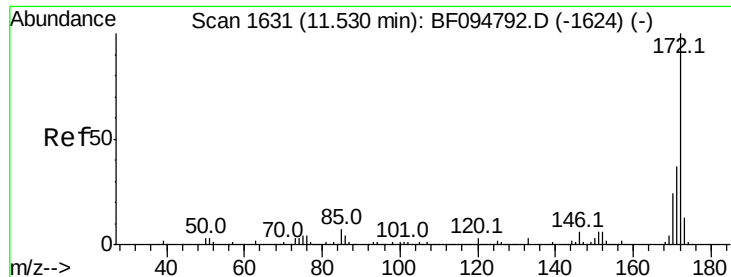
#41
2,4,6-Tribromophenol
Concen: 93.26 ng
RT: 13.90 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BF095467.D
Acq: 26 May 2017 18:34

Tgt Ion	Ratio	Lower	Upper
330	100		
332	93.5	76.6	115.0
141	38.7	31.4	47.2



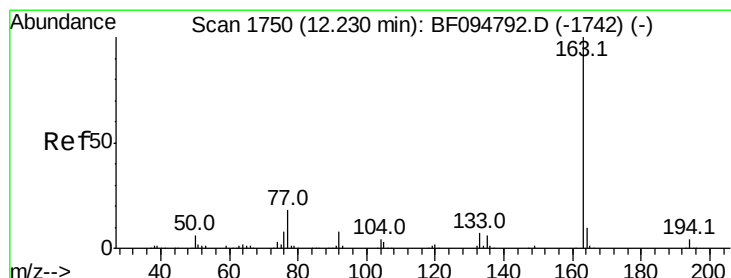
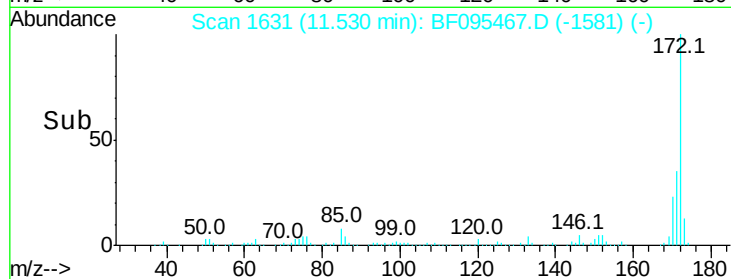
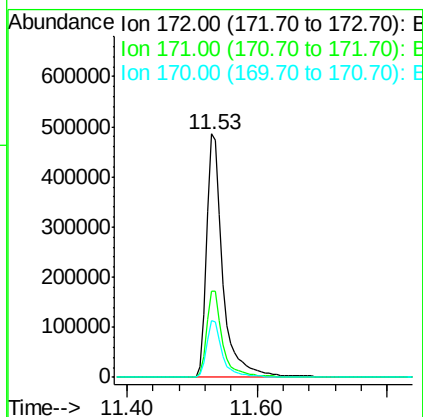
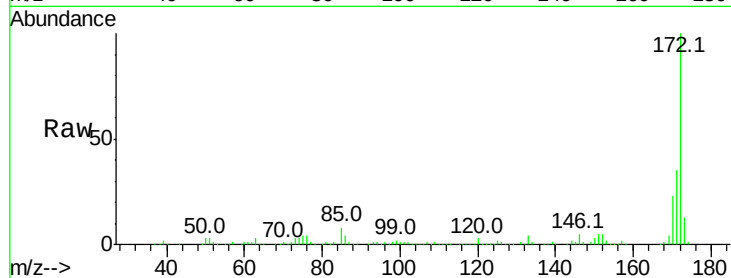
Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





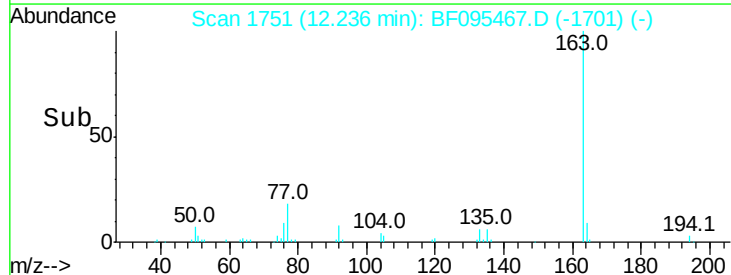
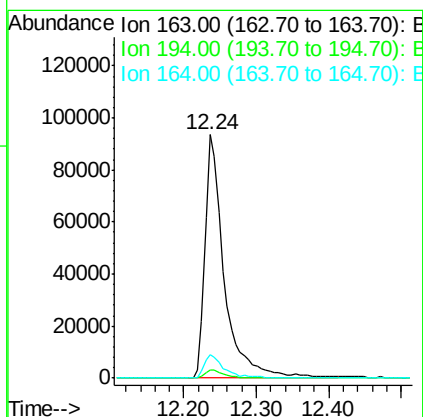
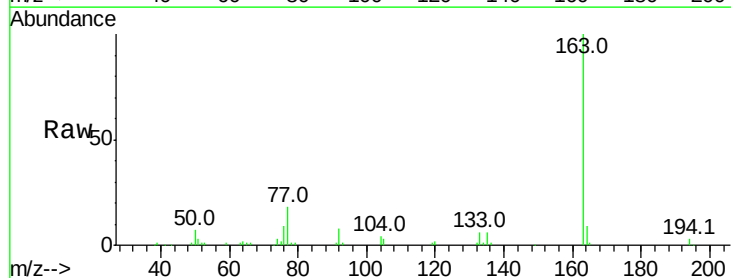
#44
2-Fluorobiphenyl
Concen: 73.10 ng
RT: 11.53 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BF095467.D
Acq: 26 May 2017 18:34

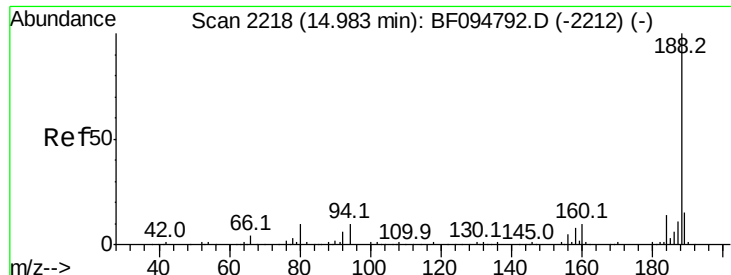
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	23.1	19.8	29.8



#49
Dimethylphthalate
Concen: 12.73 ng
RT: 12.24 min Scan# 1751
Delta R.T. -0.01 min
Lab File: BF095467.D
Acq: 26 May 2017 18:34

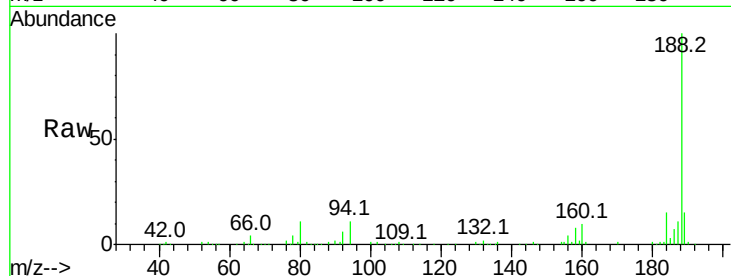
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	9.4	8.4	12.6





#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.00 min Scan# 2221
Delta R.T. -0.00 min
Lab File: BF095467.D
Acq: 26 May 2017 18:34

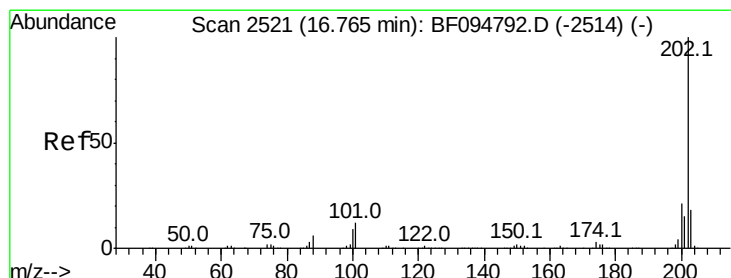
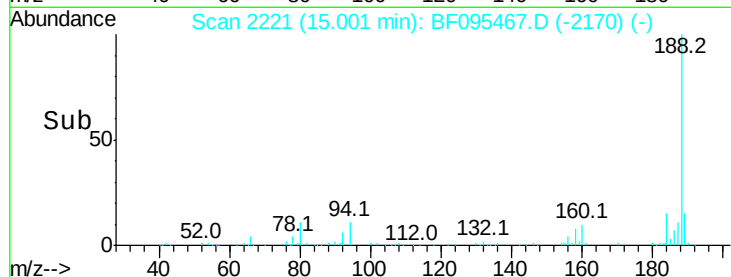
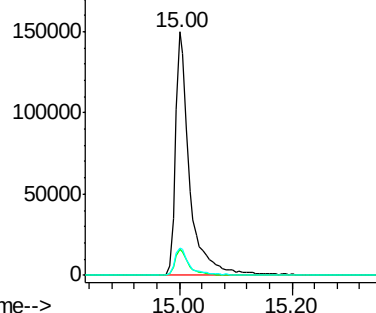
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.8	9.4	14.2
80	11.0	10.2	15.2



Abundance Ion 188.00 (187.70 to 188.70): E

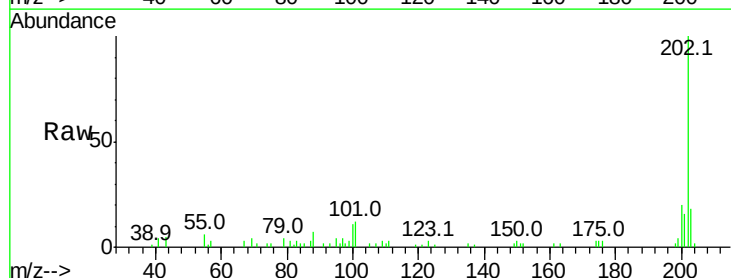
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#74
Fluoranthene
Concen: 2.42 ng
RT: 16.79 min Scan# 2525
Delta R.T. 0.01 min
Lab File: BF095467.D
Acq: 26 May 2017 18:34

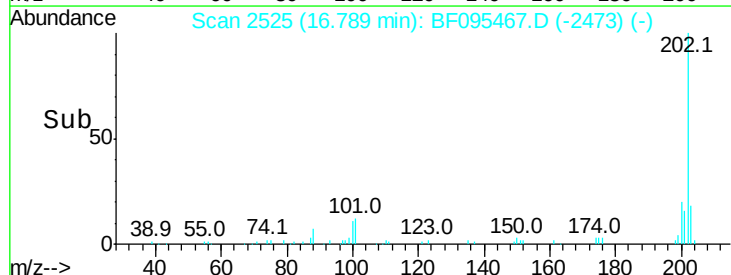
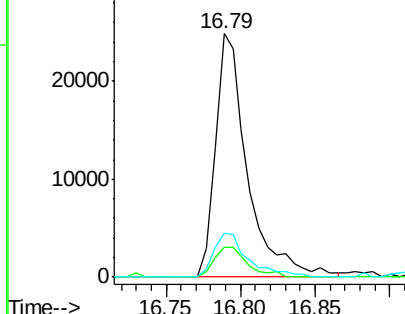
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	33.2
203	18.0	0.0	38.1

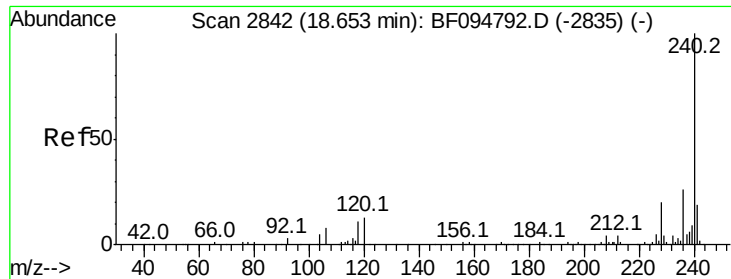


Abundance Ion 202.00 (201.70 to 202.70): E

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: 18.68 min Scan# 2846

Delta R.T. -0.00 min

Lab File: BF095467.D

Acq: 26 May 2017 18:34

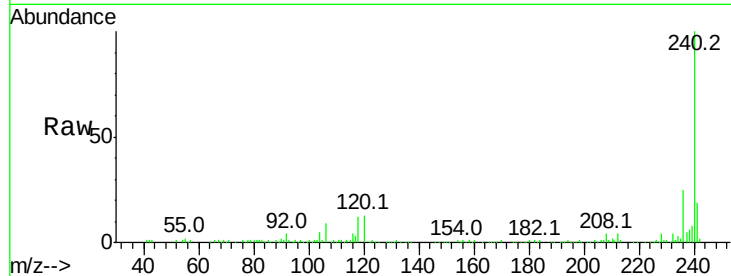
Tot Ion:240 Resp: 192396

Ion Ratio Lower Upper

240 100

120 13.5 5.8 8.8#

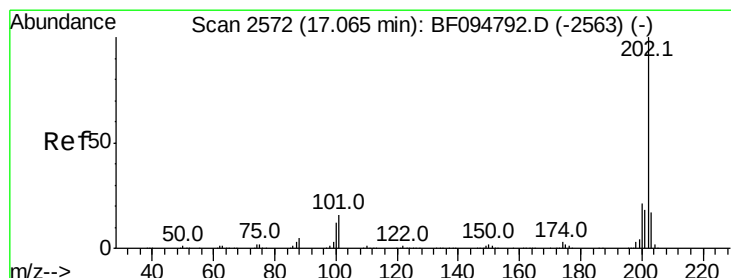
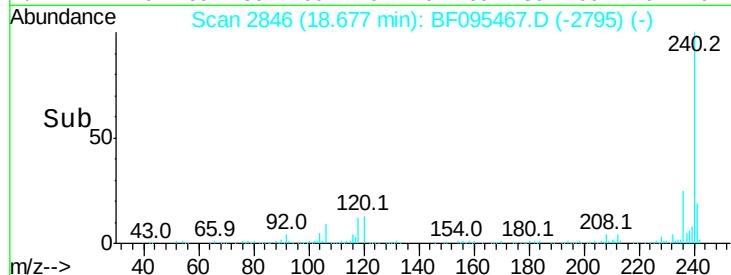
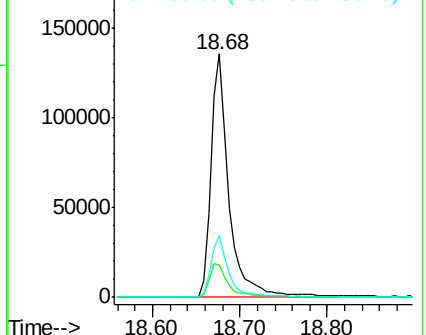
236 25.2 20.5 30.7



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: 2.14 ng

RT: 17.09 min Scan# 2577

Delta R.T. 0.01 min

Lab File: BF095467.D

Acq: 26 May 2017 18:34

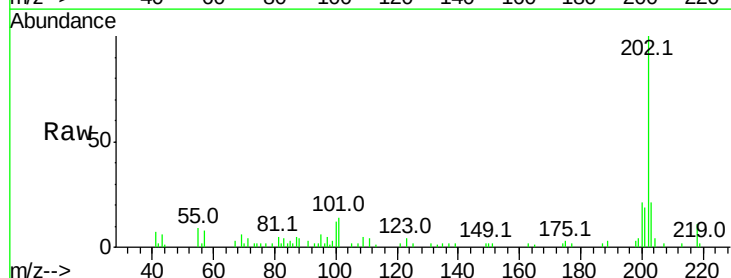
Tgt Ion:202 Resp: 30821

Ion Ratio Lower Upper

202 100

200 20.7 17.6 26.4

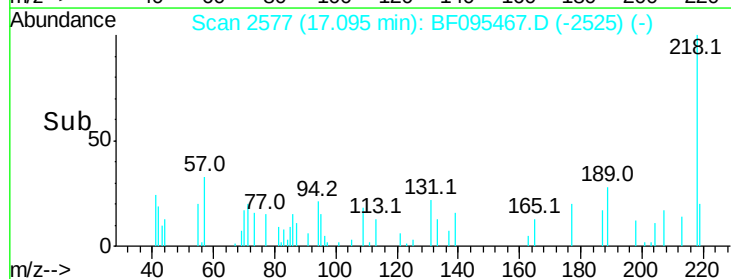
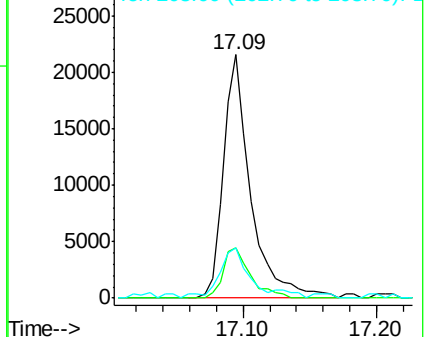
203 20.9 14.4 21.6

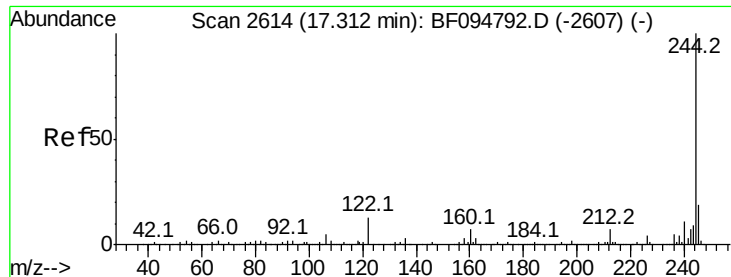


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

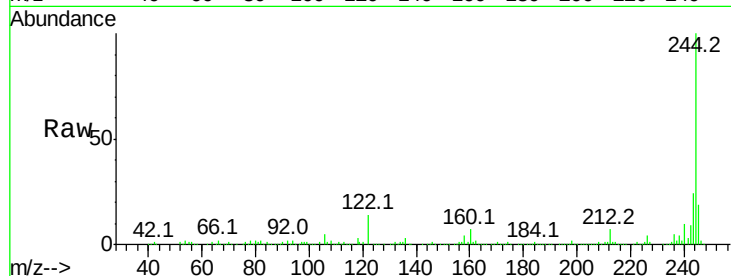
Ion 203.00 (202.70 to 203.70): E



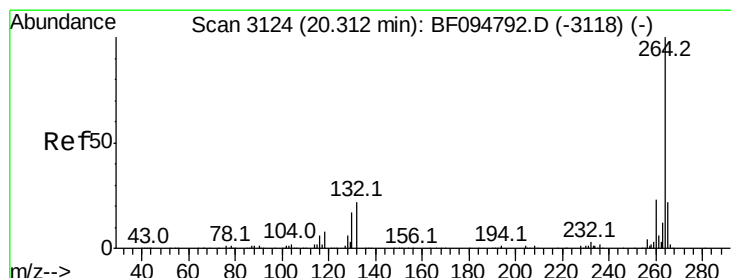
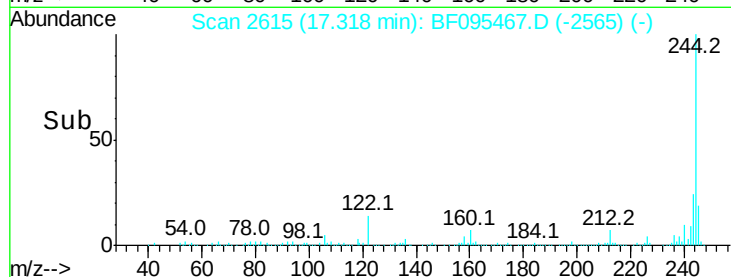
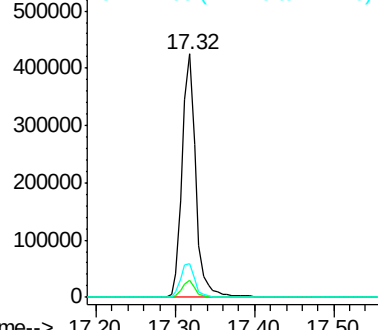


#78
 Terphenyl-d14
 Concen: 58.78 ng
 RT: 17.32 min Scan# 2615
 Delta R.T. -0.01 min
 Lab File: BF095467.D
 Acq: 26 May 2017 18:34

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	13.8	10.3	15.5

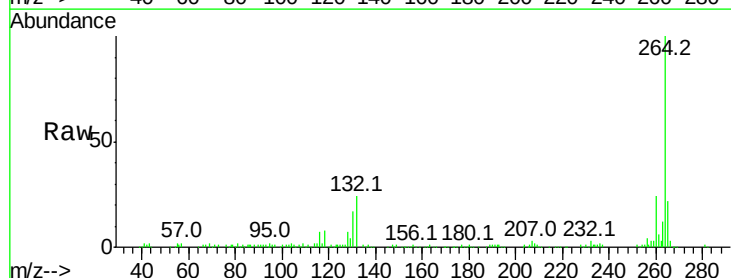


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

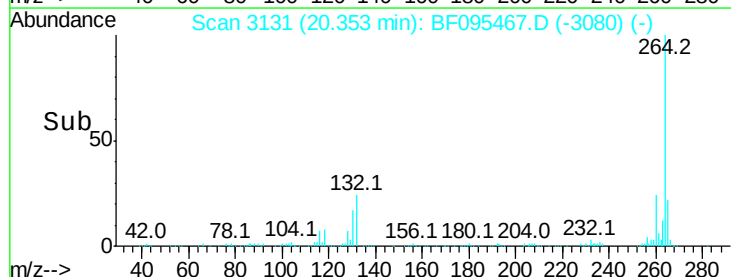
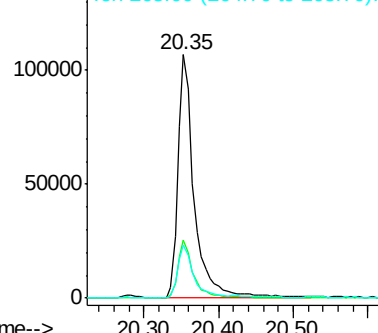


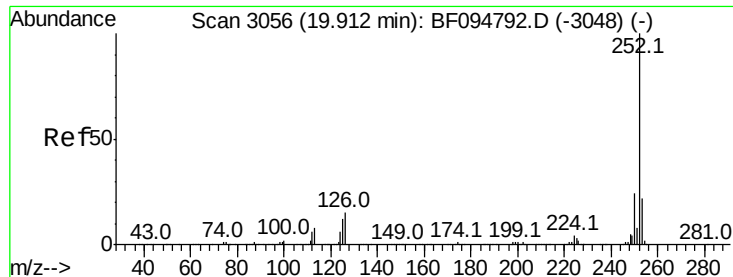
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.35 min Scan# 3131
 Delta R.T. -0.00 min
 Lab File: BF095467.D
 Acq: 26 May 2017 18:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	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





#87

Benzo(b)fluoranthene

Concen: 2.56 ng

RT: 19.95 min Scan# 3063

Delta R.T. 0.01 min

Lab File: BF095467.D

Acq: 26 May 2017 18:34

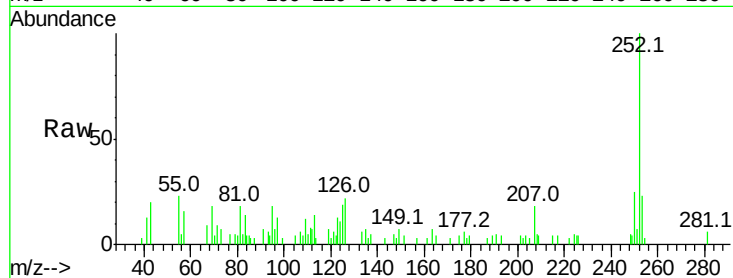
Tot Ion:252 Resp: 26008

Ion Ratio Lower Upper

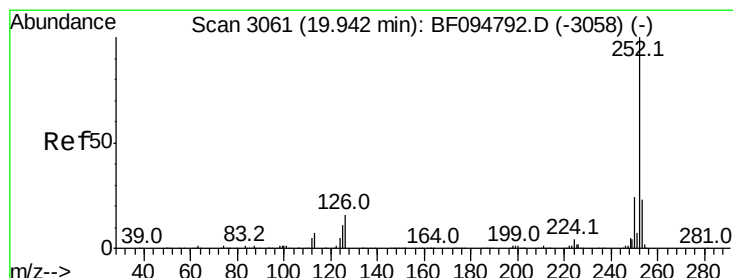
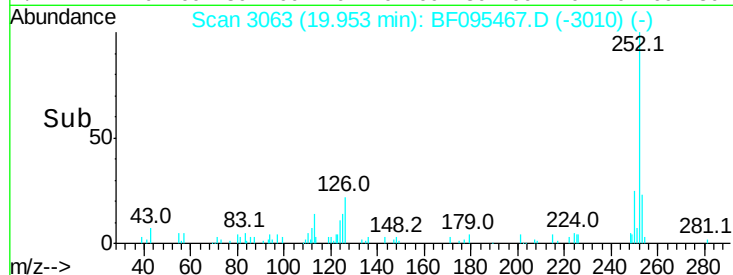
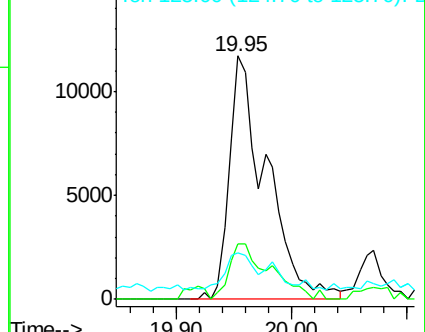
252 100

253 22.7 18.1 27.1

125 19.0 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: 2.66 ng

RT: 19.95 min Scan# 3063

Delta R.T. -0.02 min

Lab File: BF095467.D

Acq: 26 May 2017 18:34

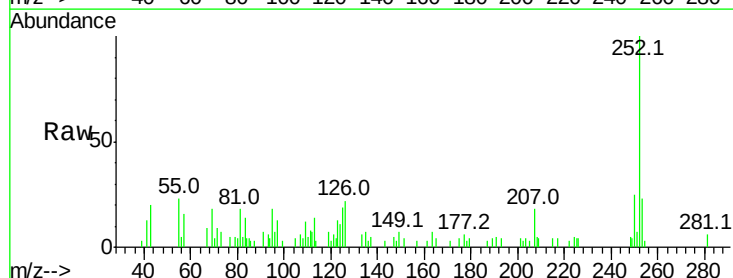
Tgt Ion:252 Resp: 26008

Ion Ratio Lower Upper

252 100

253 22.7 18.4 27.6

125 19.0 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

