

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050217\
 Data File : BF094799.D
 Acq On : 2 May 2017 18:16
 Operator : SJ/MA
 Sample : I2931-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

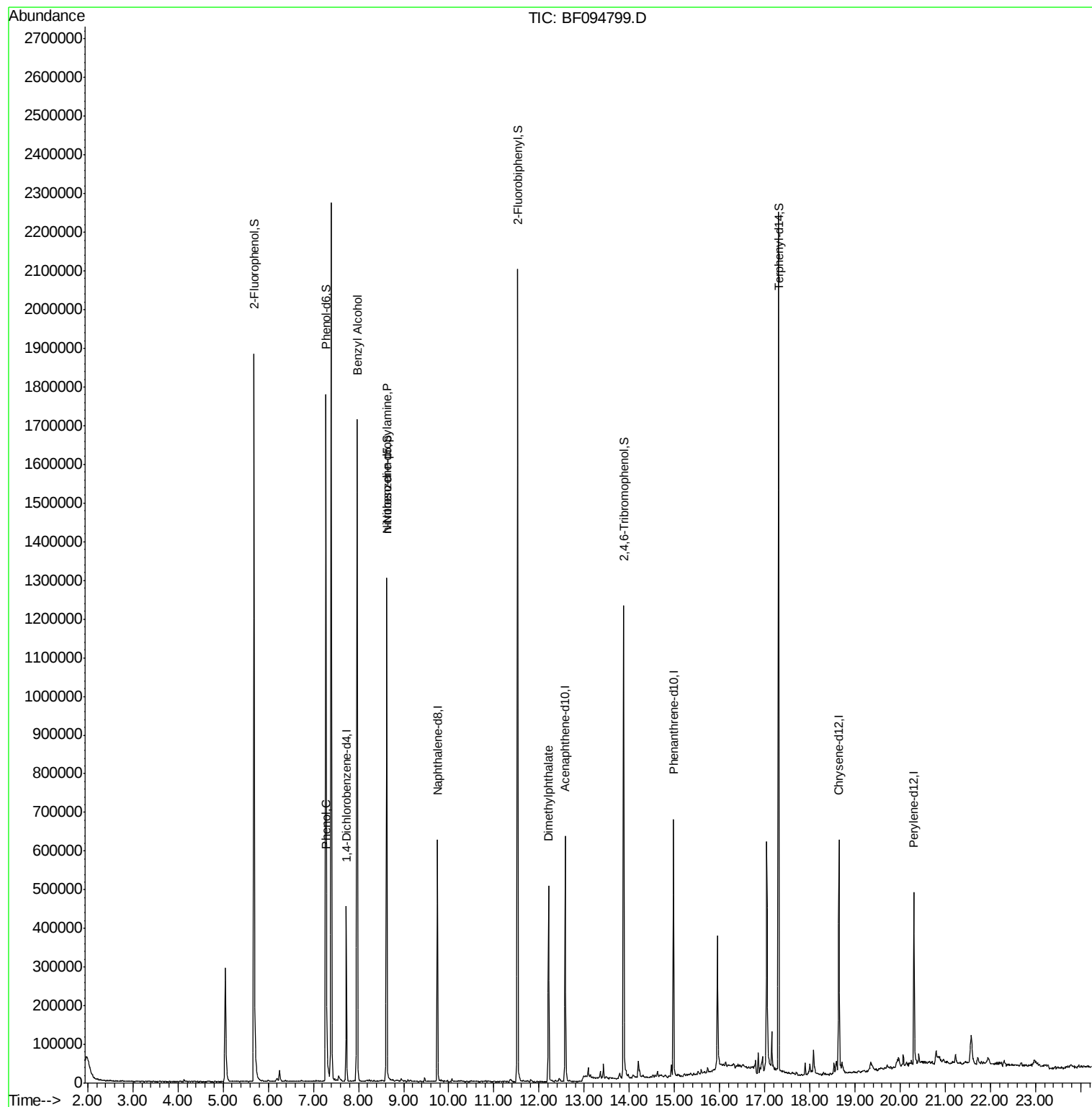
Quant Time: May 02 18:47:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 02 17:18:57 2017
 Response via : Initial Calibration

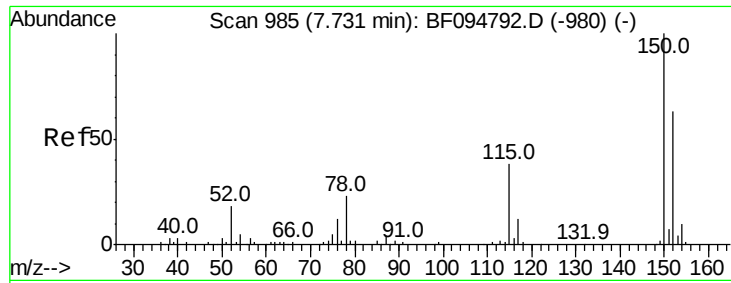
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	86210	20.00	ng	0.00
21) Naphthalene-d8	9.75	136	371193	20.00	ng	0.00
38) Acenaphthene-d10	12.58	164	171343	20.00	ng	0.00
63) Phenanthrene-d10	14.98	188	319775	20.00	ng	0.00
75) Chrysene-d12	18.64	240	251218	20.00	ng	-0.01
86) Perylene-d12	20.31	264	181907	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	820023	158.58	ng	0.01
7) Phenol-d6	7.28	99	976674	157.42	ng	0.00
23) Nitrobenzene-d5	8.63	82	578538	98.28	ng	0.00
41) 2,4,6-Tribromophenol	13.88	330	203926	145.32	ng	0.00
44) 2-Fluorobiphenyl	11.52	172	853861	71.73	ng	0.00
78) Terphenyl-d14	17.31	244	870855	76.35	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.30	94	25329	3.87	ng	97
15) Benzyl Alcohol	7.97	79	9471	2.37	ng	# 47
19) n-Nitroso-di-n-propylamine	8.63	70	75564	18.01	ng	# 75
49) Dimethylphthalate	12.21	163	281635	20.02	ng	98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.73 min Scan# 985

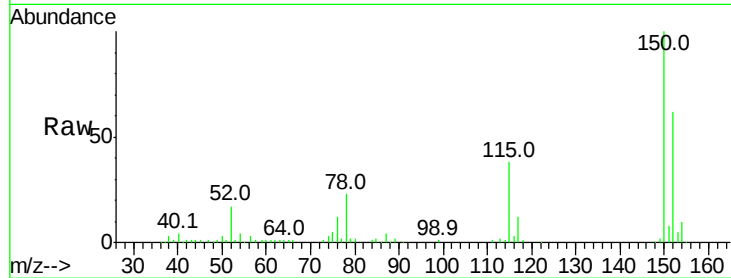
Delta R.T. -0.00 min

Lab File: BF094799.D

Acq: 2 May 2017 18:16

Tot Ion:152 Resp: 86210

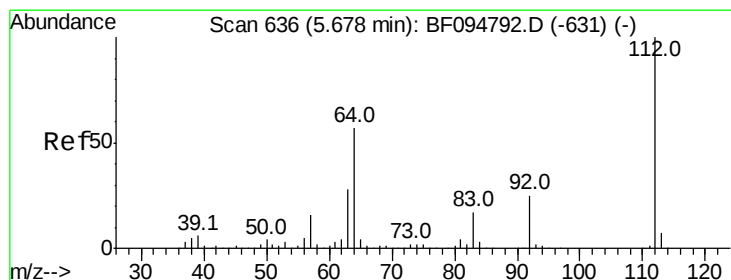
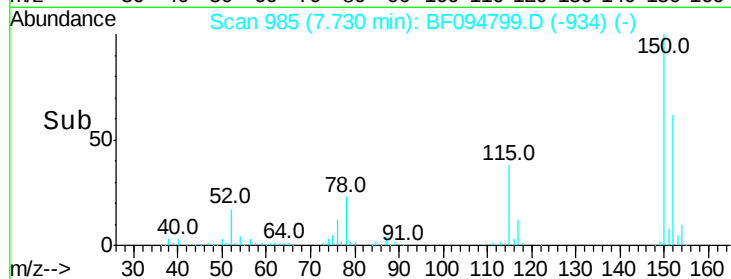
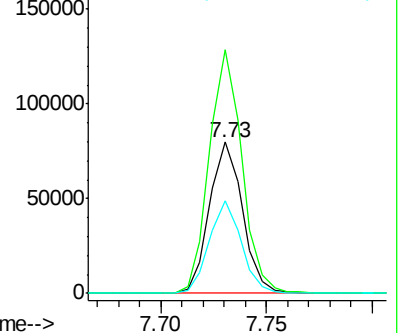
Ion	Ratio	Lower	Upper
152	100		
150	161.3	126.2	189.2
115	61.6	52.2	78.2



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: 158.58 ng

RT: 5.69 min Scan# 638

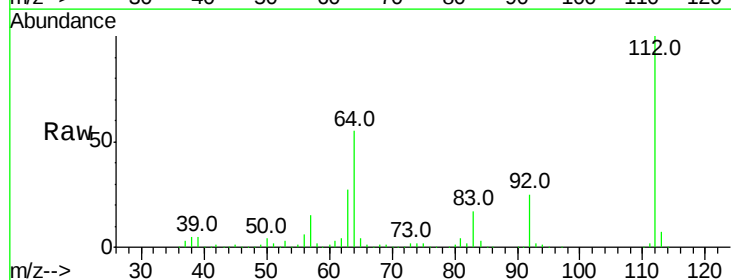
Delta R.T. 0.01 min

Lab File: BF094799.D

Acq: 2 May 2017 18:16

Tgt Ion:112 Resp: 820023

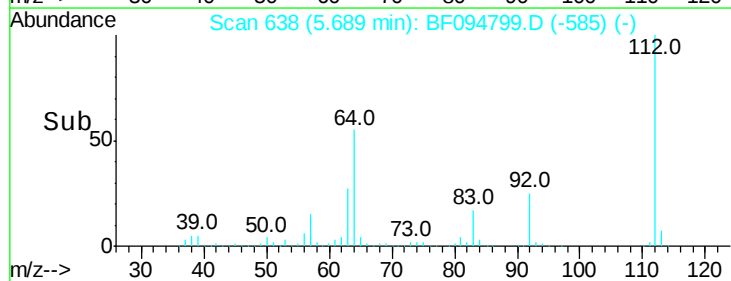
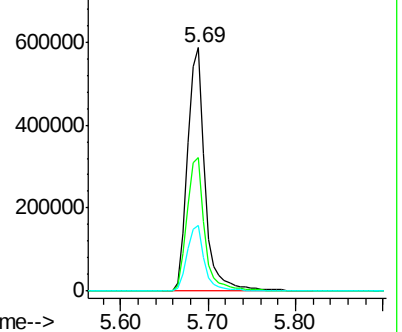
Ion	Ratio	Lower	Upper
112	100		
64	54.7	46.0	69.0
63	26.8	23.4	35.0



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: 157.42 ng

RT: 7.28 min Scan# 908

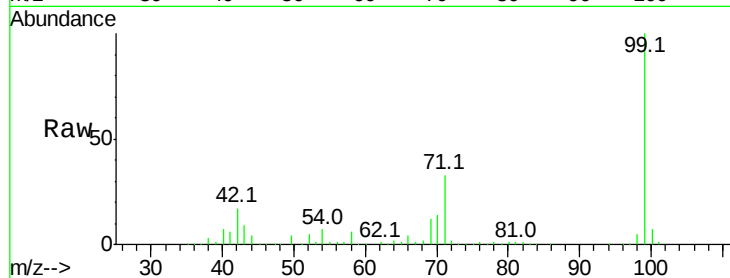
Delta R.T. -0.00 min

Lab File: BF094799.D

Acq: 2 May 2017 18:16

Tot Ion: 99 Resp: 976674

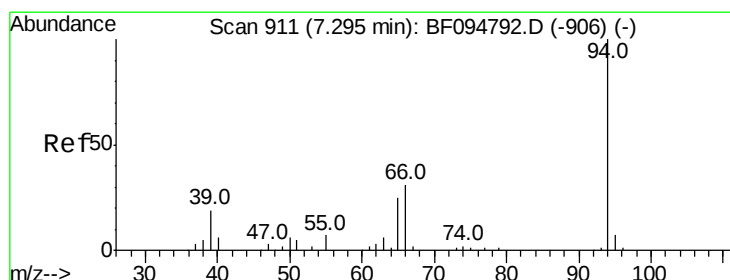
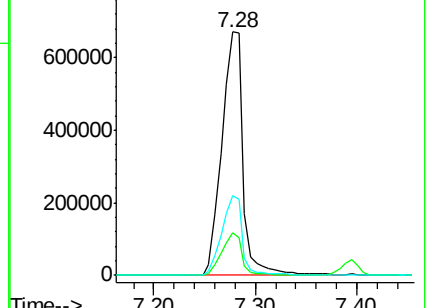
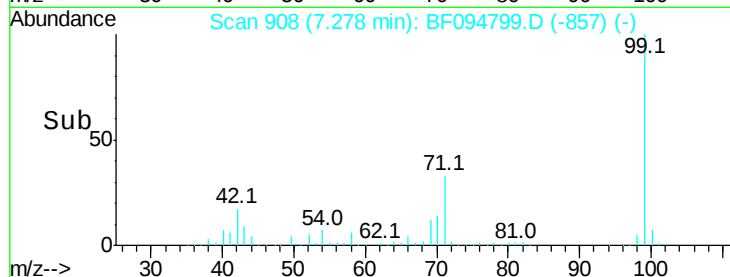
Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.5	20.3
71	32.8	24.5	36.7



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



#10

Phenol

Concen: 3.87 ng

RT: 7.30 min Scan# 911

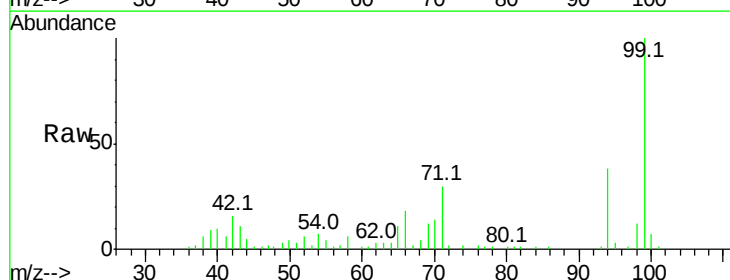
Delta R.T. -0.00 min

Lab File: BF094799.D

Acq: 2 May 2017 18:16

Tgt Ion: 94 Resp: 25329

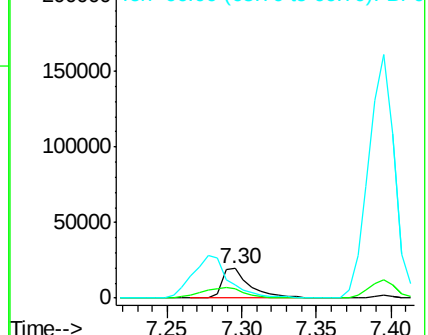
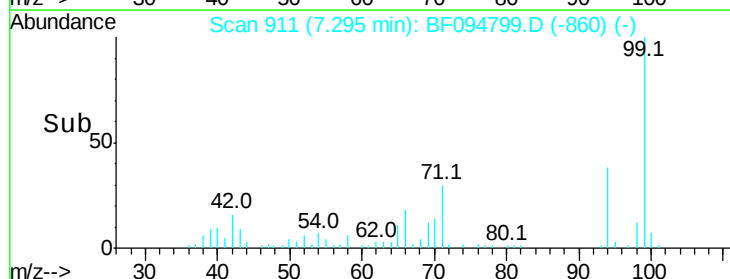
Ion	Ratio	Lower	Upper
94	100		
65	29.9	9.9	49.9
66	46.3	23.1	63.1

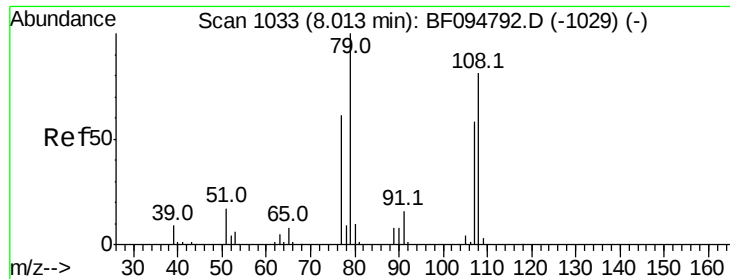


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 2.37 ng

RT: 7.97 min Scan# 1026

Delta R.T. -0.04 min

Lab File: BF094799.D

Acq: 2 May 2017 18:16

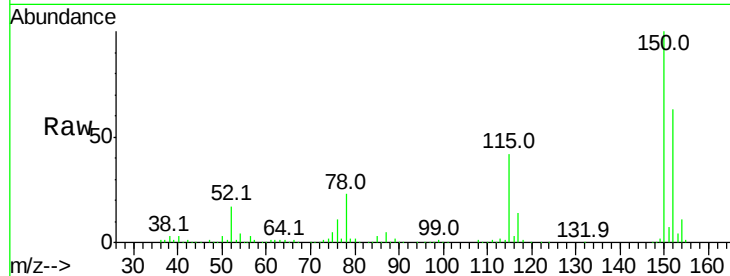
Tot Ion: 79 Resp: 9471

Ion Ratio Lower Upper

79 100

108 31.5 63.4 95.0#

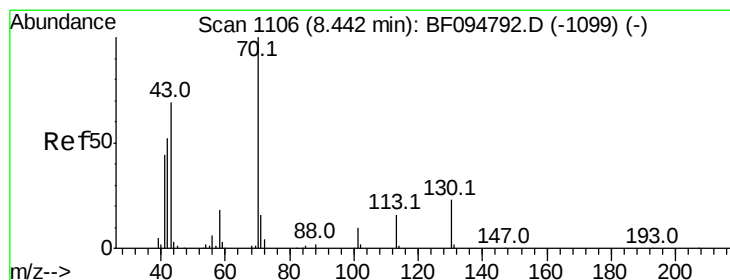
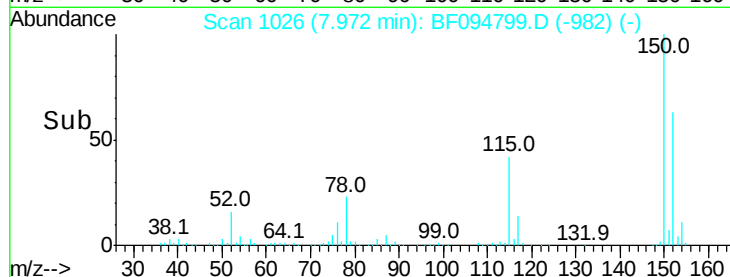
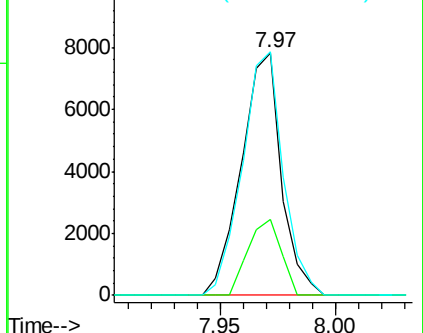
77 100.5 49.2 73.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 18.01 ng

RT: 8.63 min Scan# 1138

Delta R.T. 0.19 min

Lab File: BF094799.D

Acq: 2 May 2017 18:16

Tgt Ion: 70 Resp: 75564

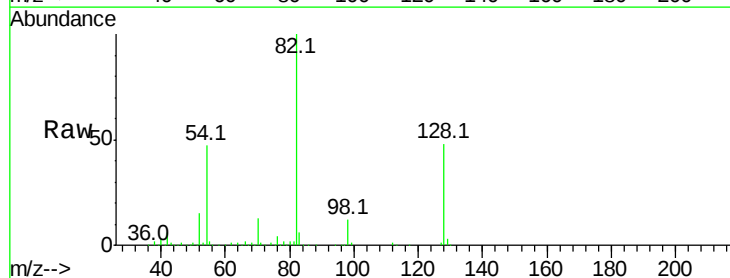
Ion Ratio Lower Upper

70 100

42 43.2 47.2 70.8#

101 0.0 7.2 10.8#

130 2.3 15.9 23.9#

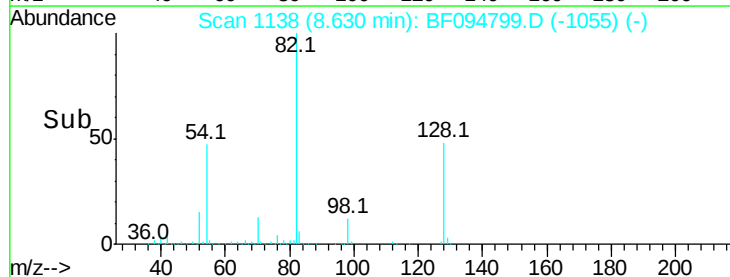
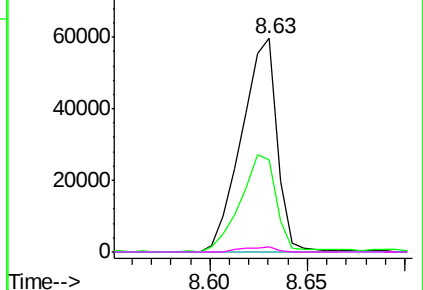


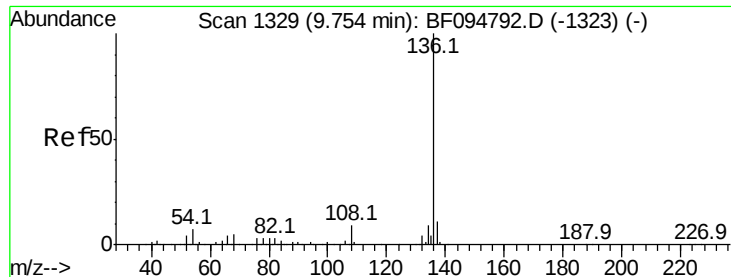
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

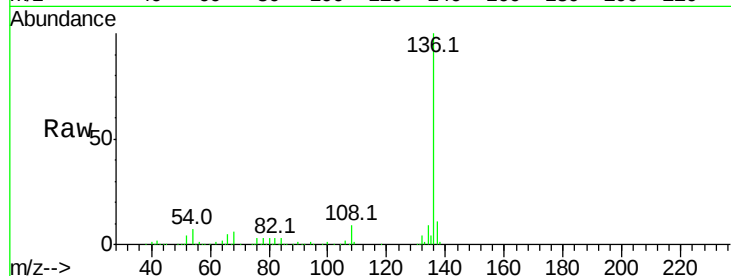
Ion 130.00 (129.70 to 130.70): BF0



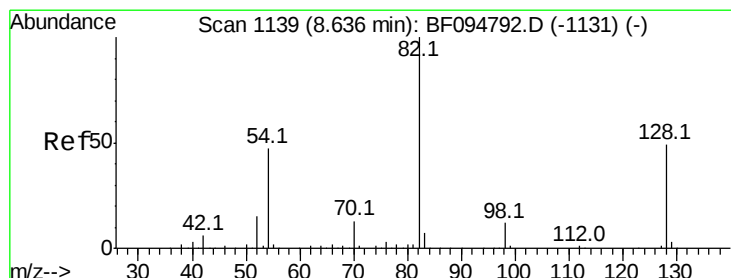
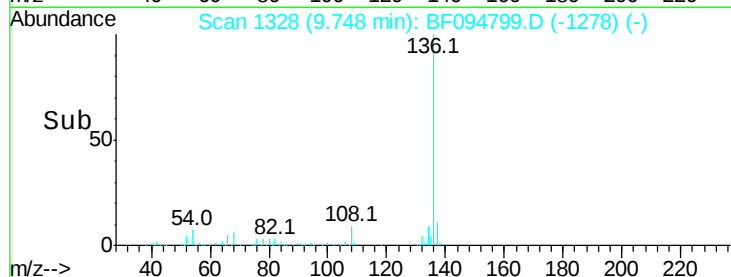
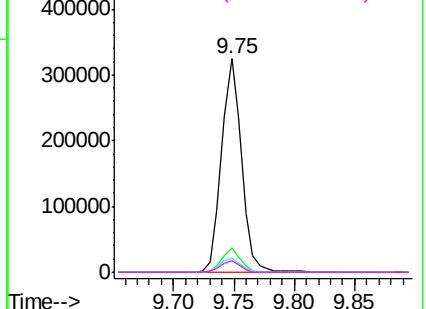


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.75 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF094799.D
Acq: 2 May 2017 18:16

Tot Ion:136	Resp:	371193
Ion Ratio	Lower	Upper
136 100		
137 11.1	8.5	12.7
54 6.9	4.9	7.3
68 5.7	4.1	6.1

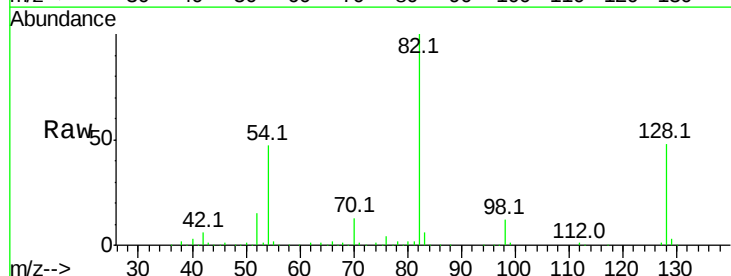


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

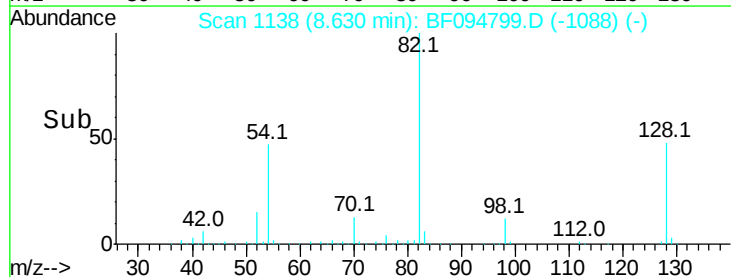
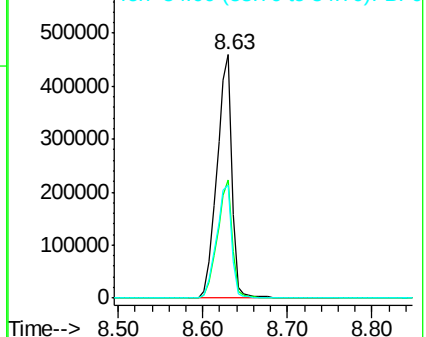


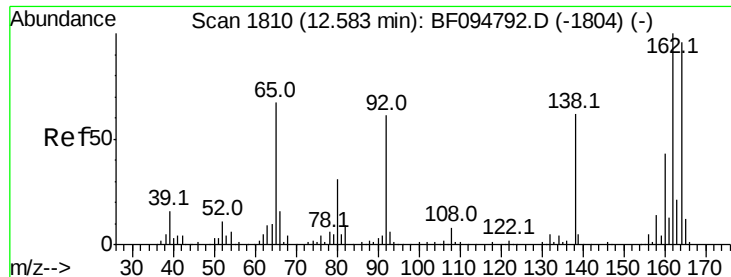
#23
Nitrobenzene-d5
Concen: 98.28 ng
RT: 8.63 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF094799.D
Acq: 2 May 2017 18:16

Tgt Ion: 82	Resp: 578538
Ion Ratio	Lower Upper
82 100	
128 48.3	34.0 51.0
54 46.7	42.2 63.2



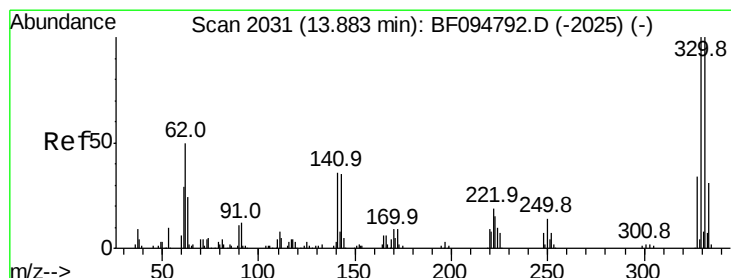
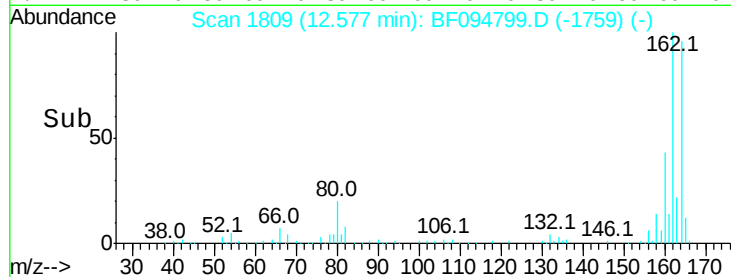
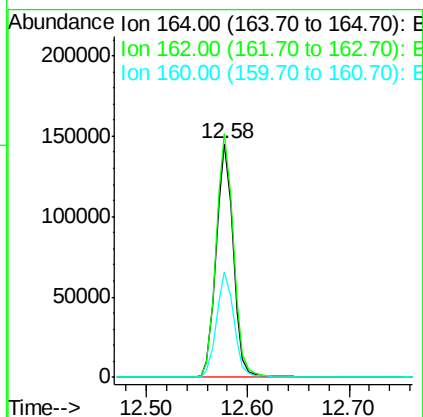
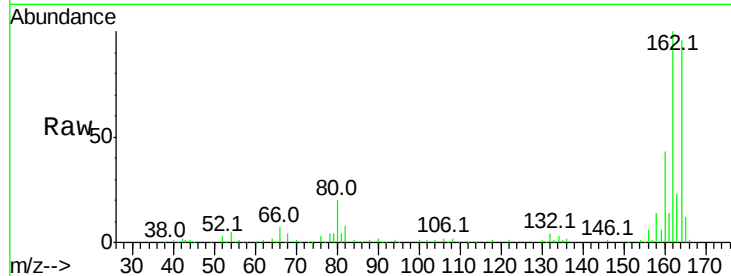
Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





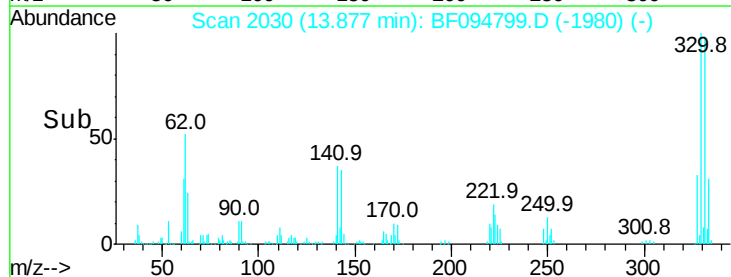
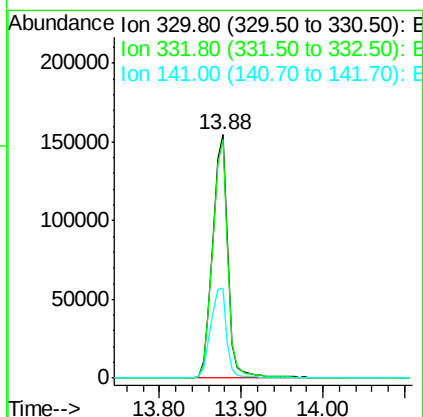
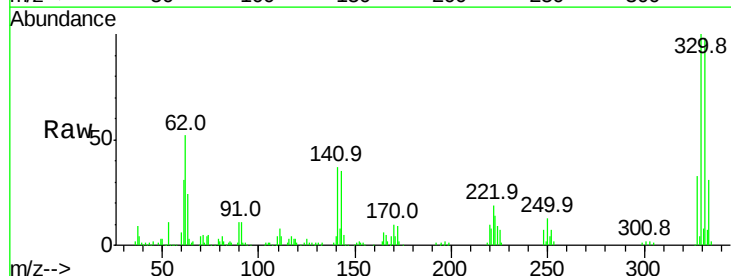
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.58 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BF094799.D
Acq: 2 May 2017 18:16

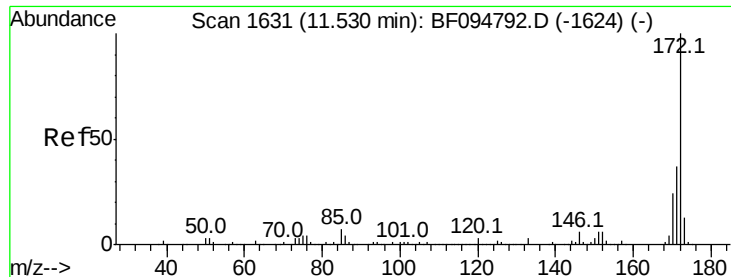
Tot Ion:164 Resp: 171343
Ion Ratio Lower Upper
164 100
162 104.0 82.6 123.8
160 44.9 36.2 54.2



#41
2,4,6-Tribromophenol
Concen: 145.32 ng
RT: 13.88 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF094799.D
Acq: 2 May 2017 18:16

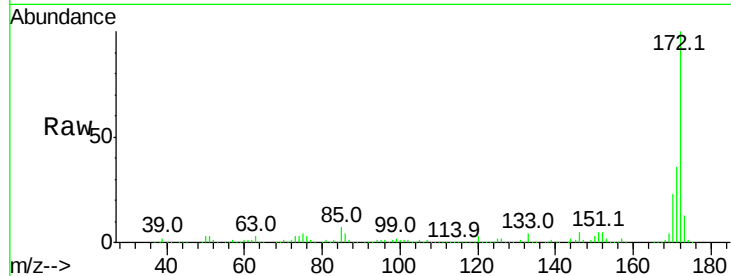
Tgt Ion:330 Resp: 203926
Ion Ratio Lower Upper
330 100
332 97.7 76.6 115.0
141 38.5 31.4 47.2



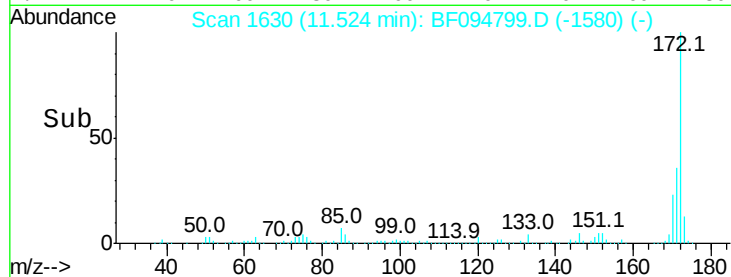
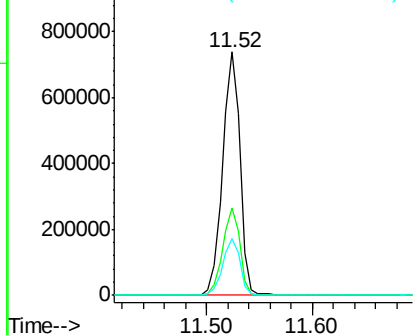


#44
2-Fluorobiphenyl
Concen: 71.73 ng
RT: 11.52 min Scan# 1630
Delta R.T. -0.01 min
Lab File: BF094799.D
Acq: 2 May 2017 18:16

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.4	19.8	29.8

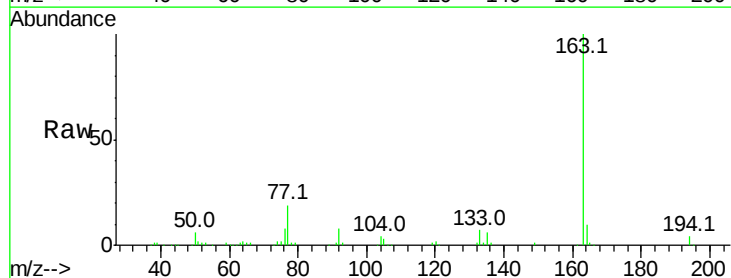


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

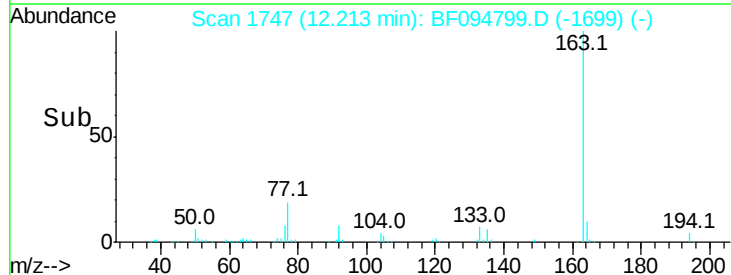
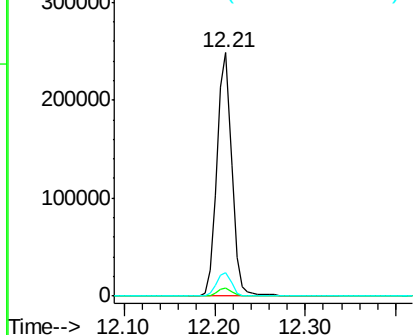


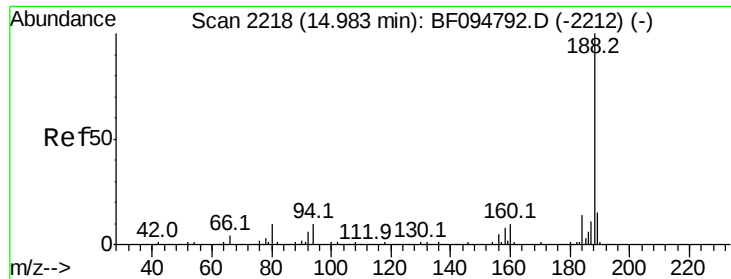
#49
Dimethylphthalate
Concen: 20.02 ng
RT: 12.21 min Scan# 1747
Delta R.T. -0.02 min
Lab File: BF094799.D
Acq: 2 May 2017 18:16

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	9.7	8.4	12.6



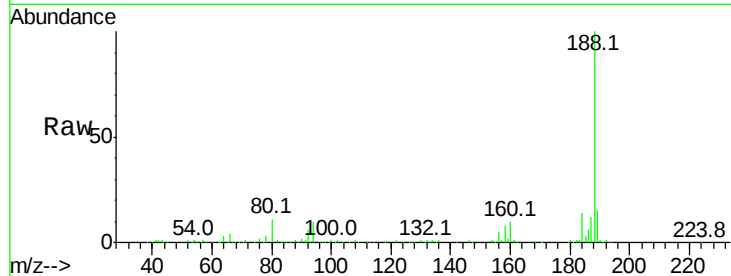
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



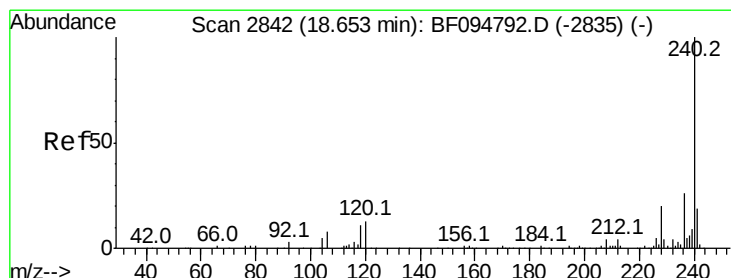
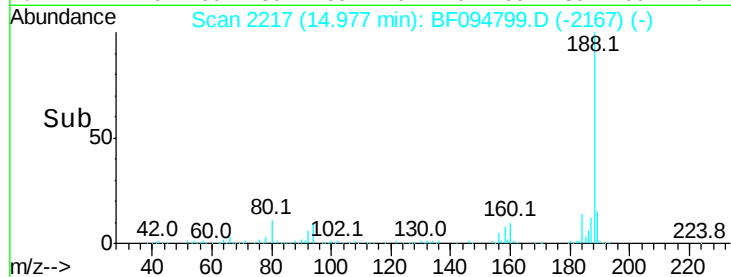
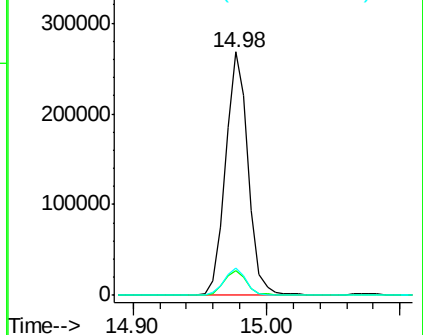


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.98 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF094799.D
Acq: 2 May 2017 18:16

Tot Ion:188 Resp: 319775
Ion Ratio Lower Upper
188 100
94 9.9 9.4 14.2
80 11.2 10.2 15.2

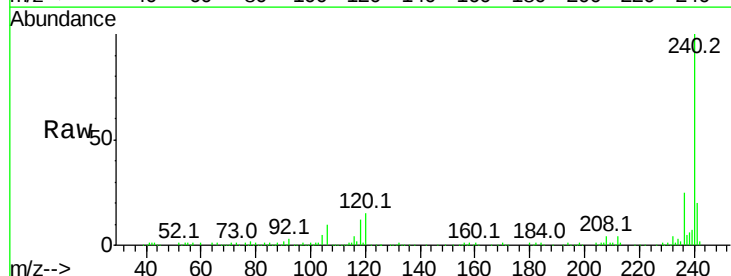


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

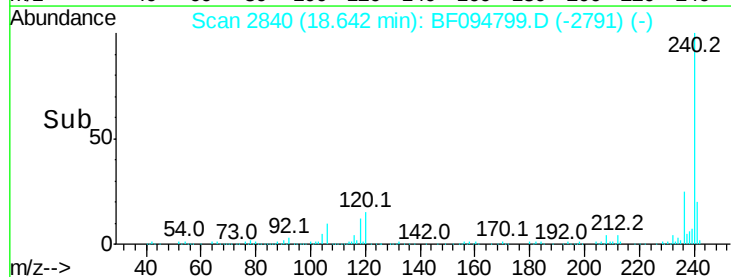
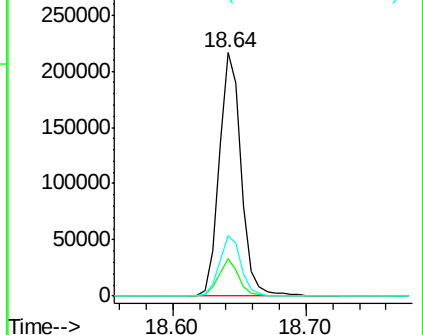


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.64 min Scan# 2840
Delta R.T. -0.01 min
Lab File: BF094799.D
Acq: 2 May 2017 18:16

Tgt Ion:240 Resp: 251218
Ion Ratio Lower Upper
240 100
120 15.2 5.8 8.8#
236 25.0 20.5 30.7



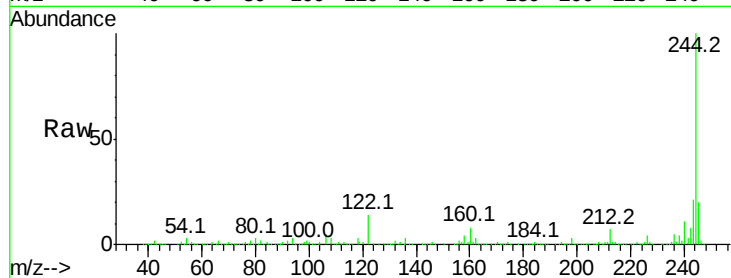
Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



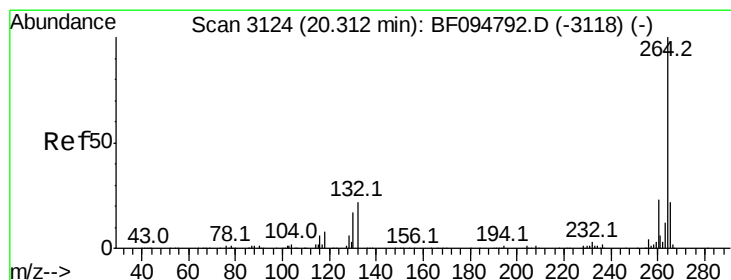
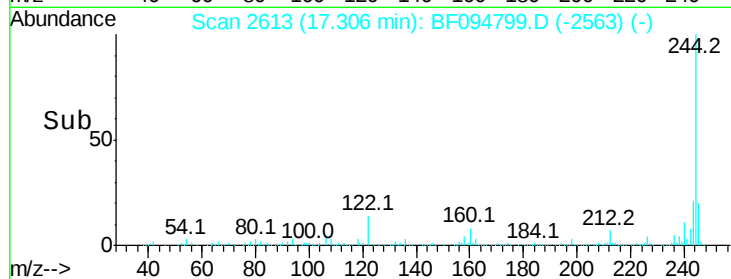
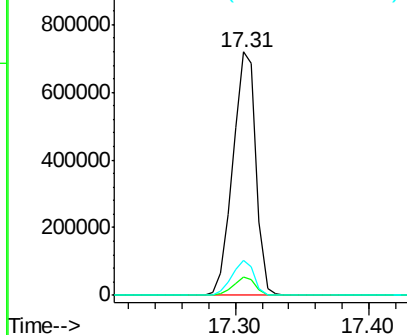


#78
 Terphenyl-d14
 Concen: 76.35 ng
 RT: 17.31 min Scan# 2613
 Delta R.T. -0.01 min
 Lab File: BF094799.D
 Acq: 2 May 2017 18:16

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	14.4	10.3	15.5

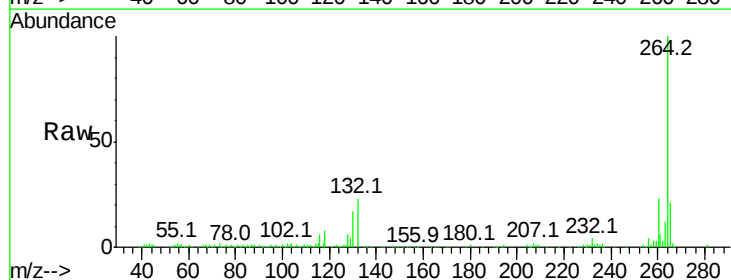


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.31 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BF094799.D
 Acq: 2 May 2017 18:16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.5	29.3
265	21.4	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

