

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050217\
 Data File : BF094835.D
 Acq On : 3 May 2017 14:43
 Operator : SJ/MA
 Sample : I2921-02 10X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

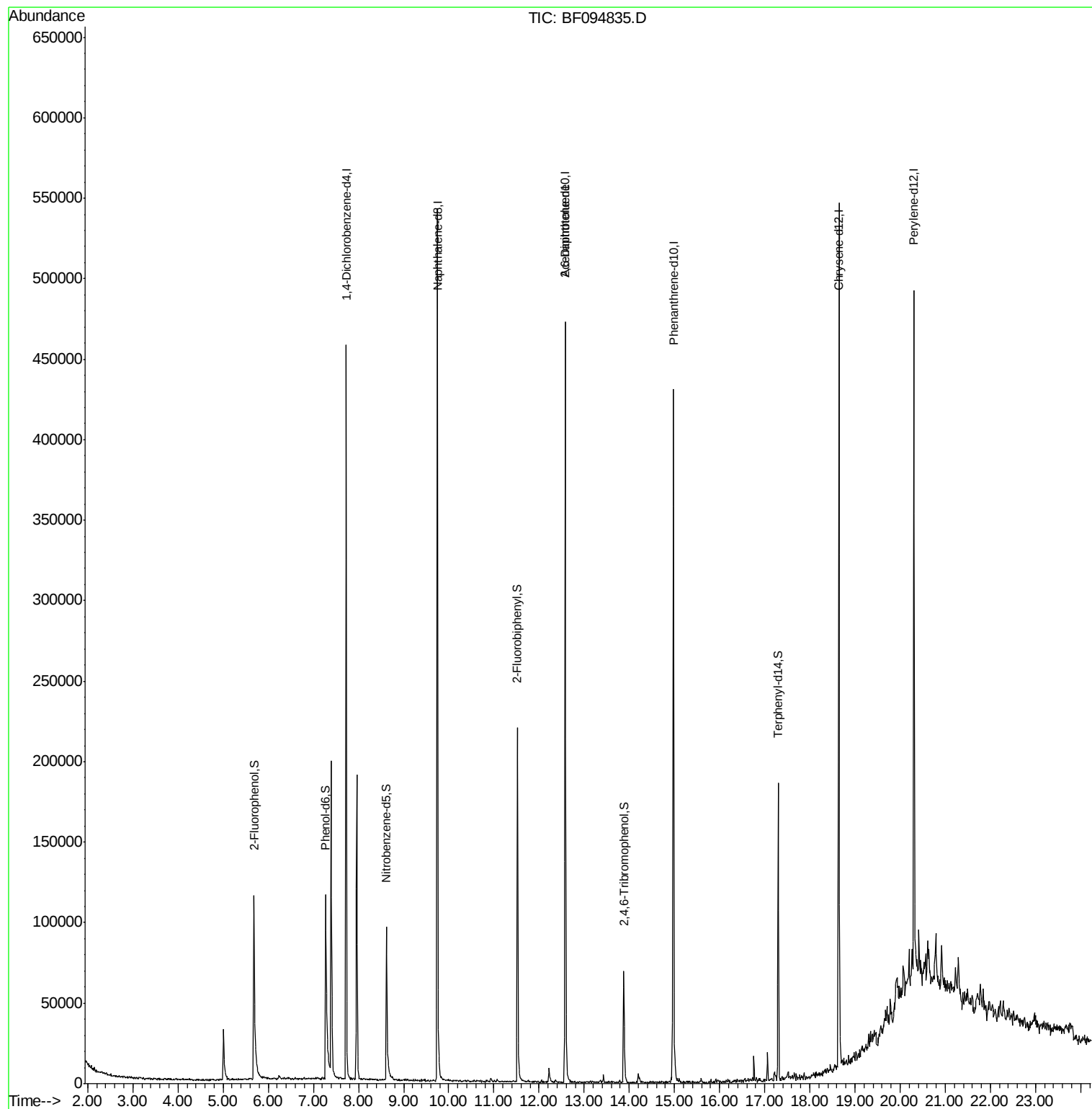
Quant Time: May 03 16:37:49 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 02 17:18:57 2017
 Response via : Initial Calibration

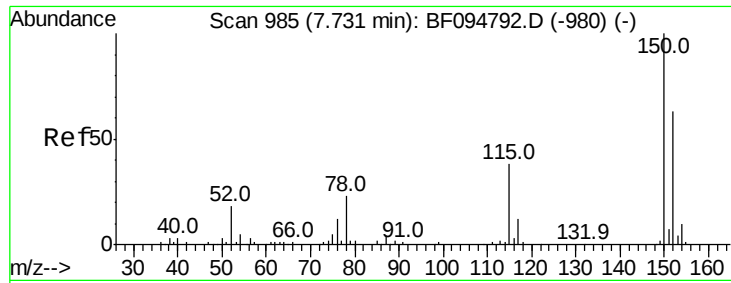
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	93339	20.00	ng	0.00
21) Naphthalene-d8	9.75	136	368805	20.00	ng	0.00
38) Acenaphthene-d10	12.58	164	143060	20.00	ng	0.00
63) Phenanthrene-d10	14.98	188	228817	20.00	ng	0.00
75) Chrysene-d12	18.64	240	212317	20.00	ng	-0.01
86) Perylene-d12	20.31	264	160381	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	76948	13.74	ng	0.00
7) Phenol-d6	7.27	99	102361	15.24	ng	0.00
23) Nitrobenzene-d5	8.62	82	59899	10.24	ng	-0.02
41) 2,4,6-Tribromophenol	13.88	330	14915	12.73	ng	0.00
44) 2-Fluorobiphenyl	11.52	172	112052	11.27	ng	-0.01
78) Terphenyl-d14	17.30	244	65729	6.82	ng	-0.01
Target Compounds						Qvalue
50) 2,6-Dinitrotoluene	12.58	165	14442	6.03	ng	# 31

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

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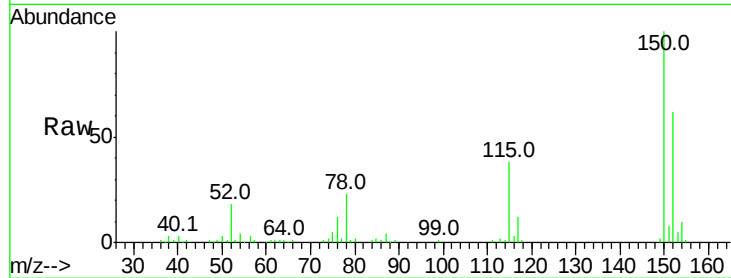




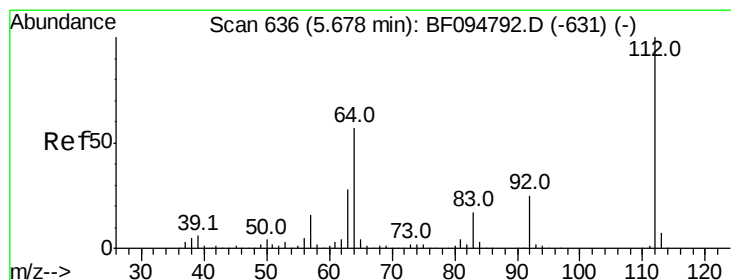
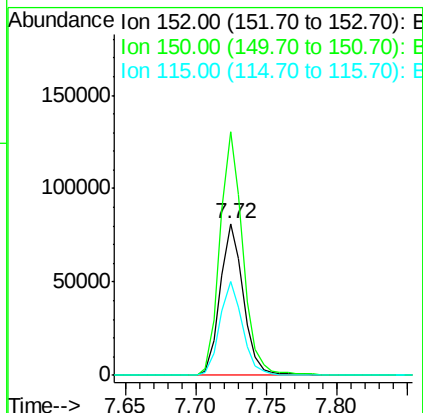
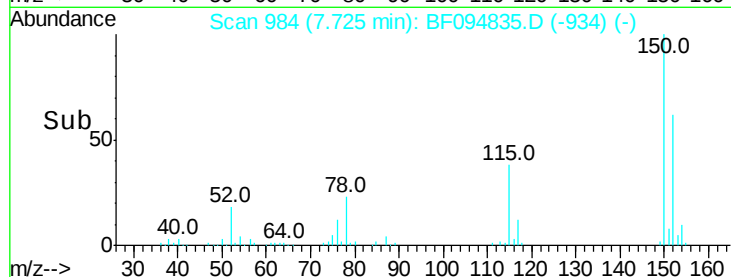
#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF094835.D
Acq: 3 May 2017 14:43

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.3	126.2	189.2
115	61.7	52.2	78.2



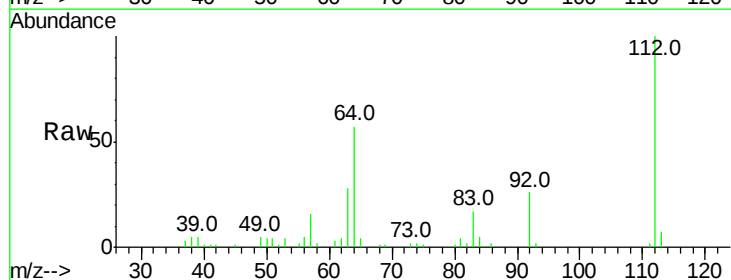
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



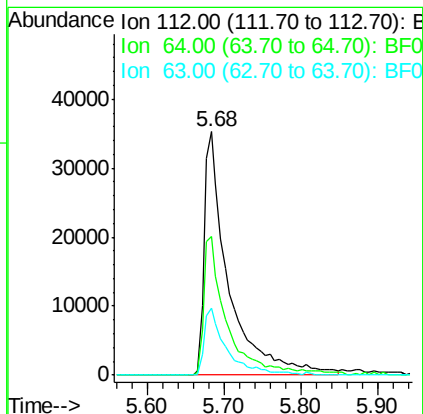
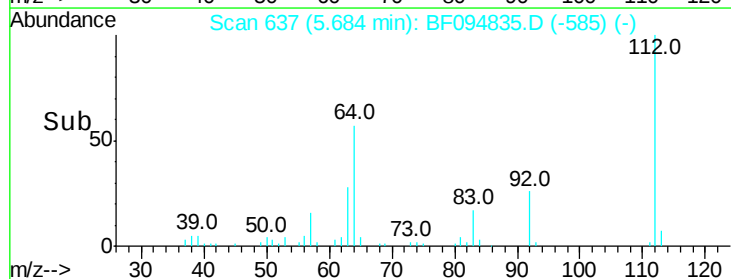
#5

2-Fluorophenol
Concen: 13.74 ng
RT: 5.68 min Scan# 637
Delta R.T. 0.01 min
Lab File: BF094835.D
Acq: 3 May 2017 14:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.0	46.0	69.0
63	27.7	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: 15.24 ng

RT: 7.27 min Scan# 907

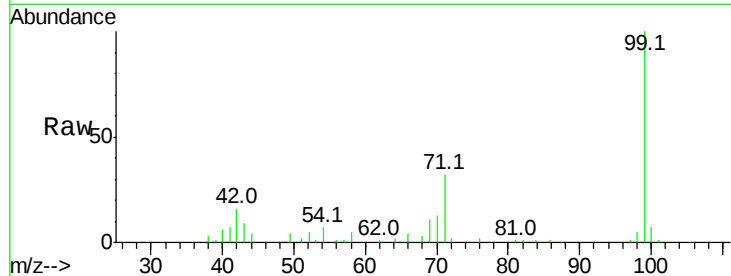
Delta R.T. -0.01 min

Lab File: BF094835.D

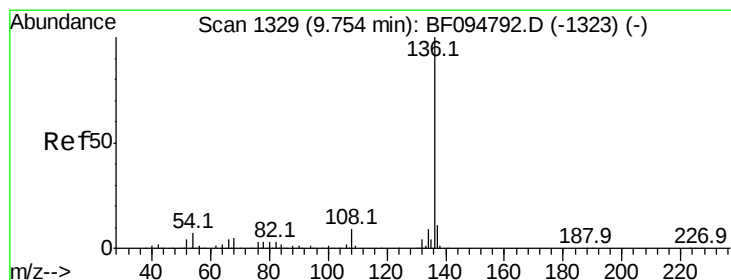
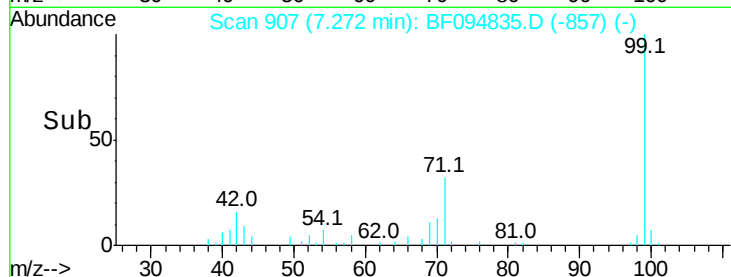
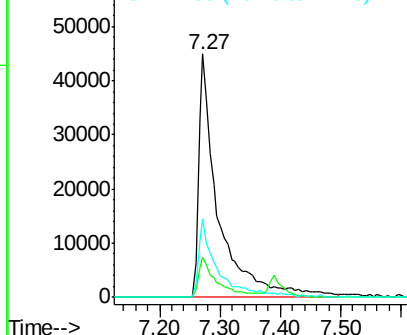
Acq: 3 May 2017 14:43

Tot Ion: 99 Resp: 102361

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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.75 min Scan# 1328

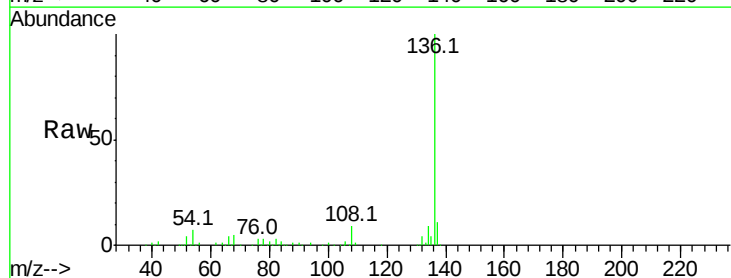
Delta R.T. -0.01 min

Lab File: BF094835.D

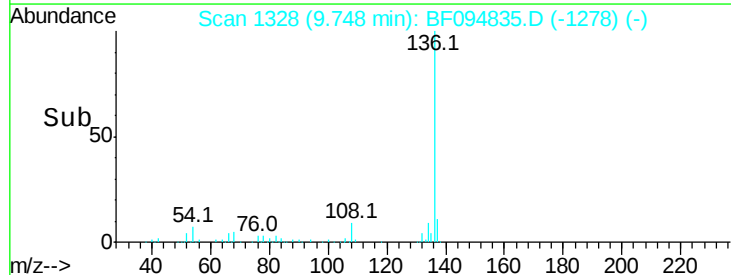
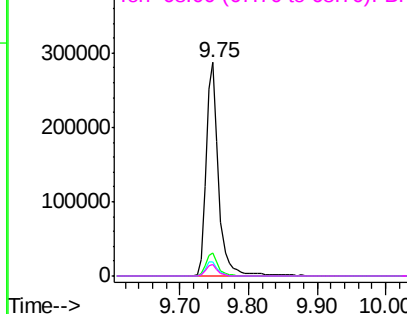
Acq: 3 May 2017 14:43

Tgt Ion: 136 Resp: 368805

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	6.7	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





#23

Nitrobenzene-d5

Concen: 10.24 ng

RT: 8.62 min Scan# 1136

Delta R.T. -0.02 min

Lab File: BF094835.D

Acq: 3 May 2017 14:43

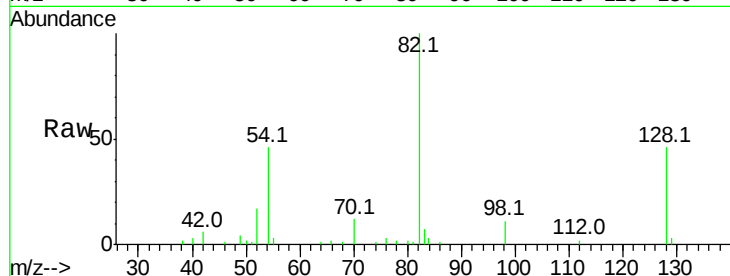
Tot Ion: 82 Resp: 59899

Ion Ratio Lower Upper

82 100

128 46.4 34.0 51.0

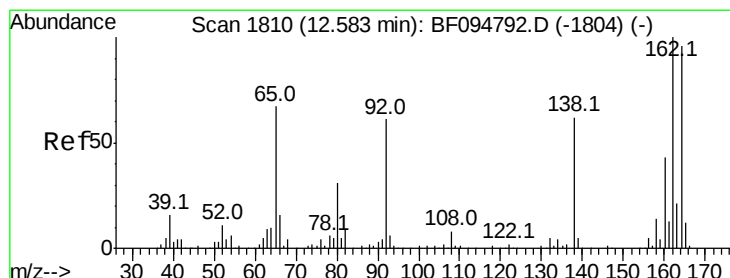
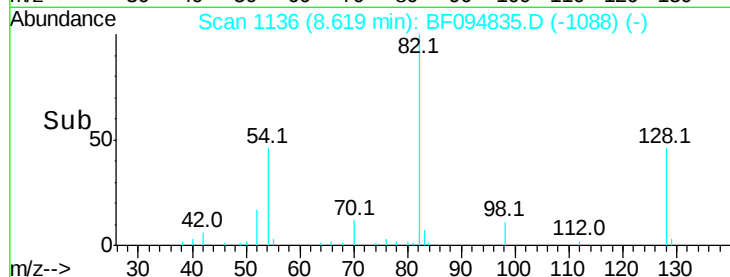
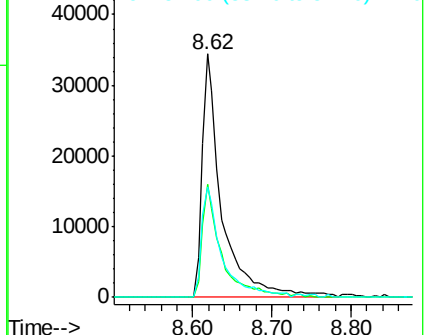
54 45.6 42.2 63.2



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: 12.58 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF094835.D

Acq: 3 May 2017 14:43

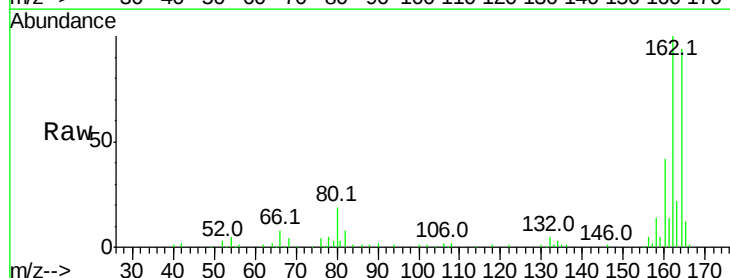
Tgt Ion: 164 Resp: 143060

Ion Ratio Lower Upper

164 100

162 106.9 82.6 123.8

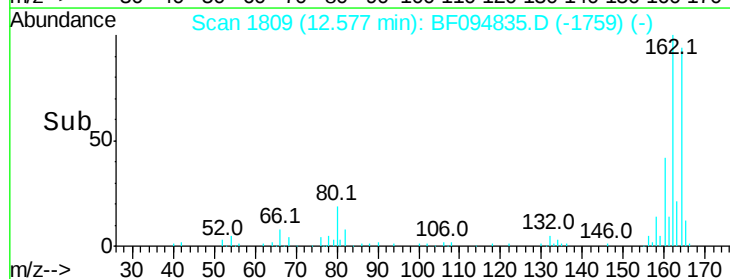
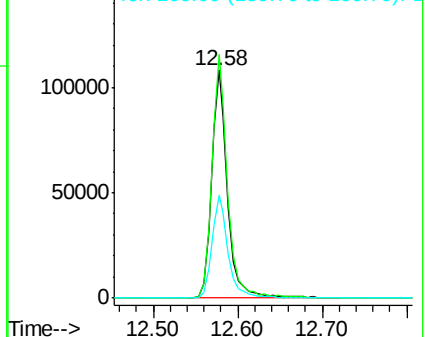
160 45.3 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

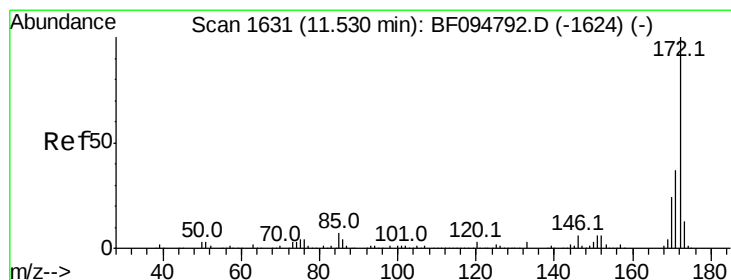
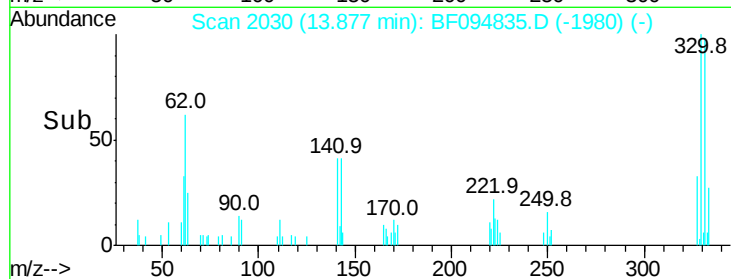
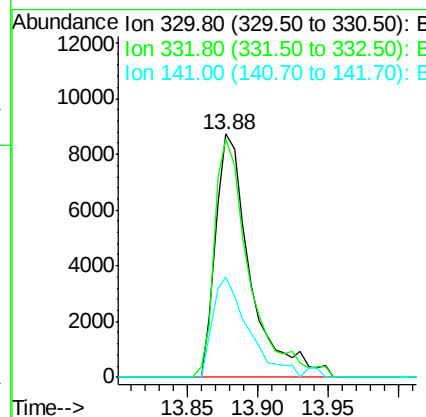
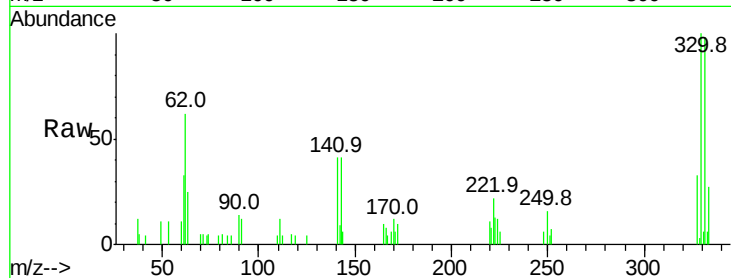
Ion 160.00 (159.70 to 160.70): E





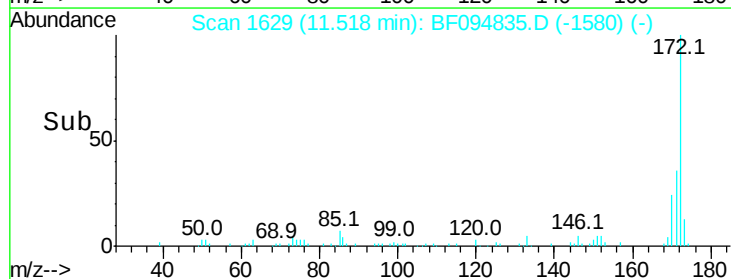
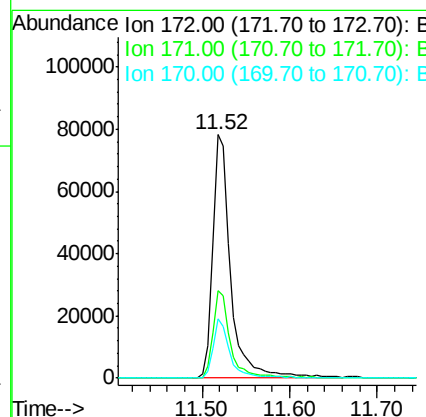
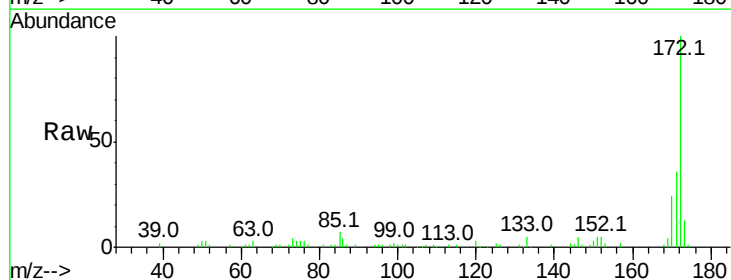
#41
 2,4,6-Tribromophenol
 Concen: 12.73 ng
 RT: 13.88 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF094835.D
 Acq: 3 May 2017 14:43

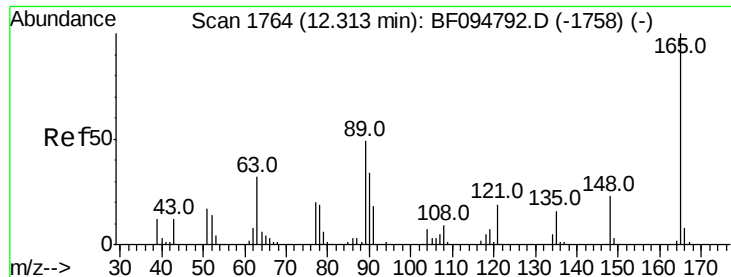
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.9	76.6	115.0
141	42.1	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 11.27 ng
 RT: 11.52 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BF094835.D
 Acq: 3 May 2017 14:43

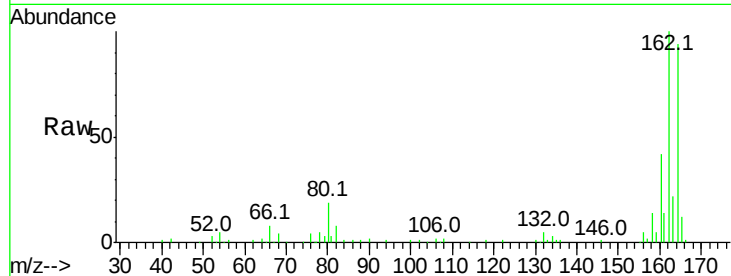
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	24.2	19.8	29.8





#50
 2,6-Dinitrotoluene
 Concen: 6.03 ng
 RT: 12.58 min Scan# 1809
 Delta R.T. 0.26 min
 Lab File: BF094835.D
 Acq: 3 May 2017 14:43

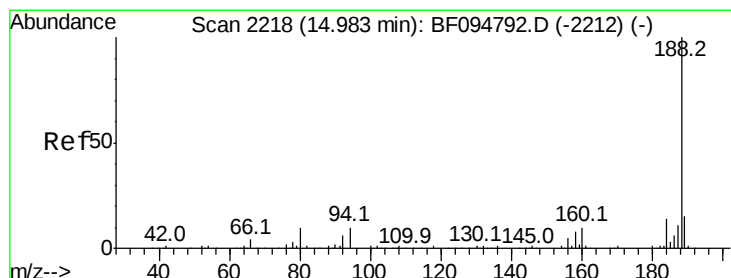
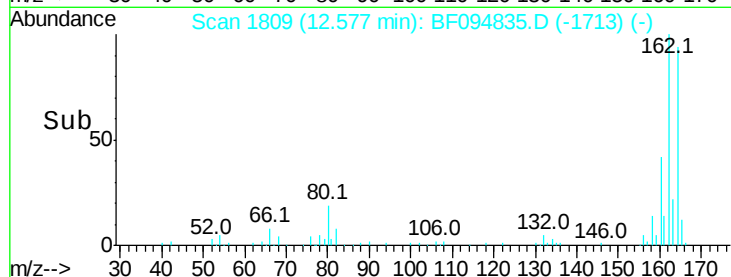
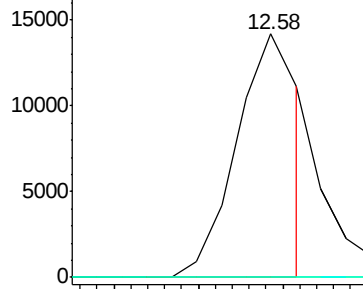
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

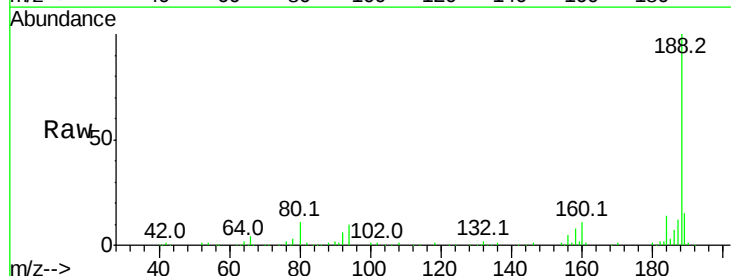
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.98 min Scan# 2217
 Delta R.T. -0.01 min
 Lab File: BF094835.D
 Acq: 3 May 2017 14:43

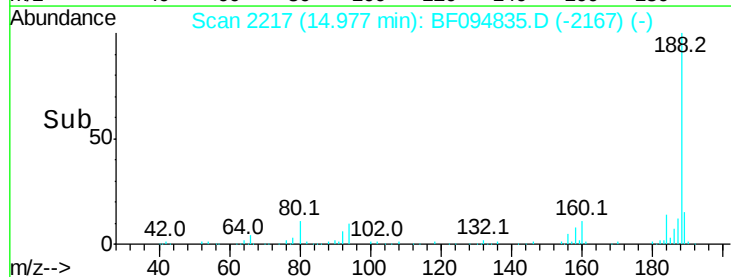
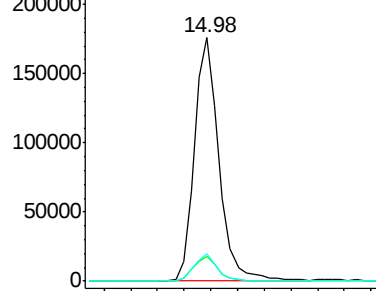
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	9.4	14.2
80	11.3	10.2	15.2

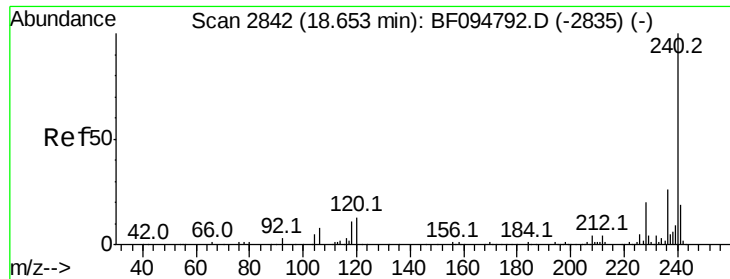


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

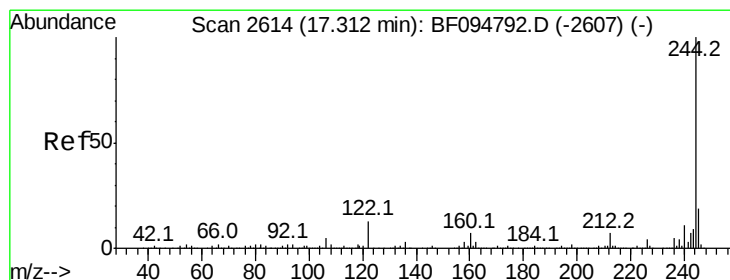
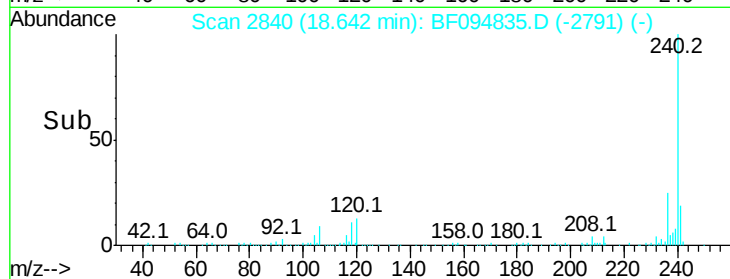
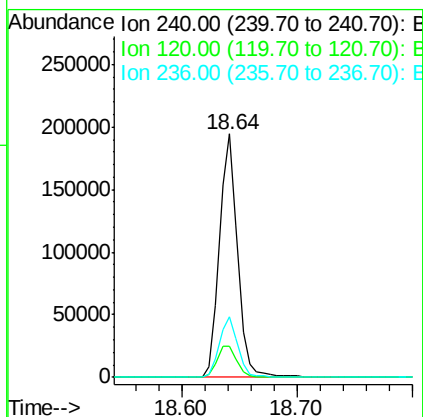
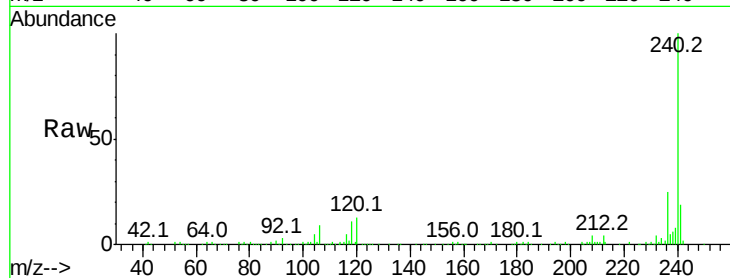
Ion 80.00 (79.70 to 80.70): BF0





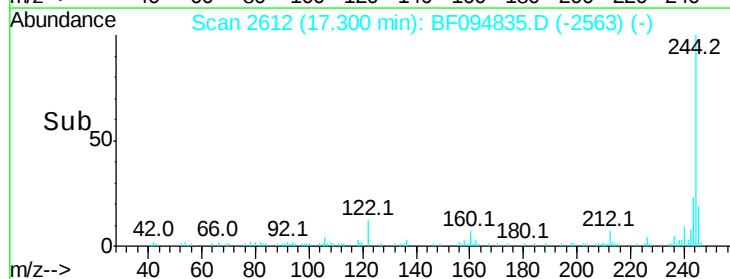
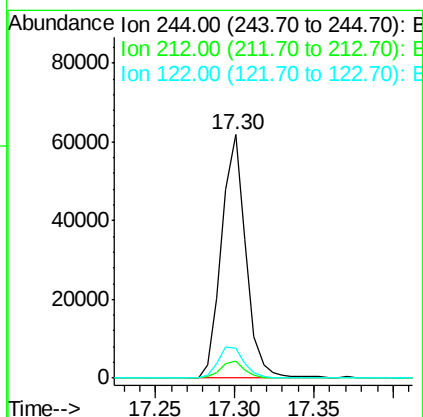
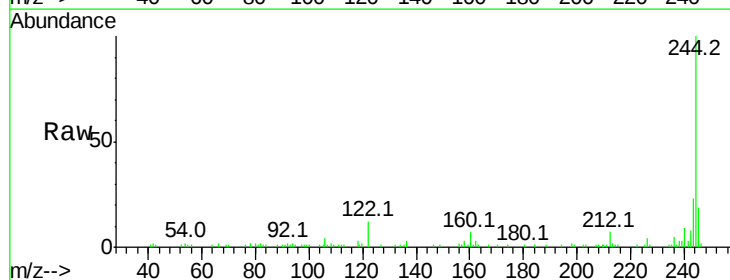
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.64 min Scan# 2840
 Delta R.T. -0.01 min
 Lab File: BF094835.D
 Acq: 3 May 2017 14:43

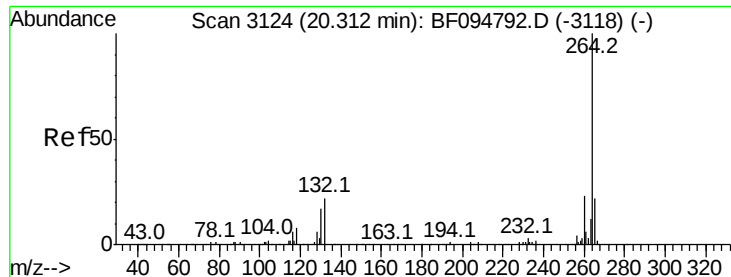
Tot Ion:240 Resp: 212317
 Ion Ratio Lower Upper
 240 100
 120 12.8 5.8 8.8#
 236 25.0 20.5 30.7



#78
 Terphenyl-d14
 Concen: 6.82 ng
 RT: 17.30 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BF094835.D
 Acq: 3 May 2017 14:43

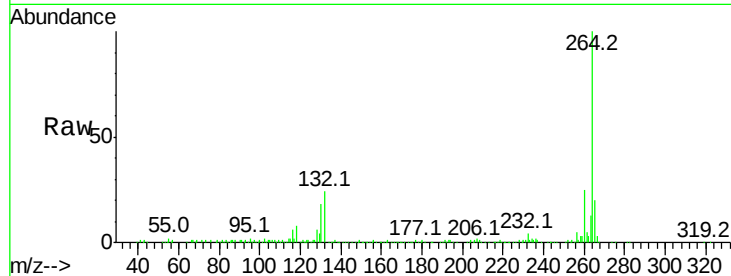
Tgt Ion:244 Resp: 65729
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 12.1 10.3 15.5





#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.31 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF094835.D
Acq: 3 May 2017 14:43

Tot Ion:	264	Resp:	160381
Ion Ratio	Lower	Upper	
264	100		
260	25.0	19.5	29.3
265	20.5	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

