

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052617\
 Data File : BF095492.D
 Acq On : 27 May 2017 9:15
 Operator : SJ/MA
 Sample : I3239-01 1000X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

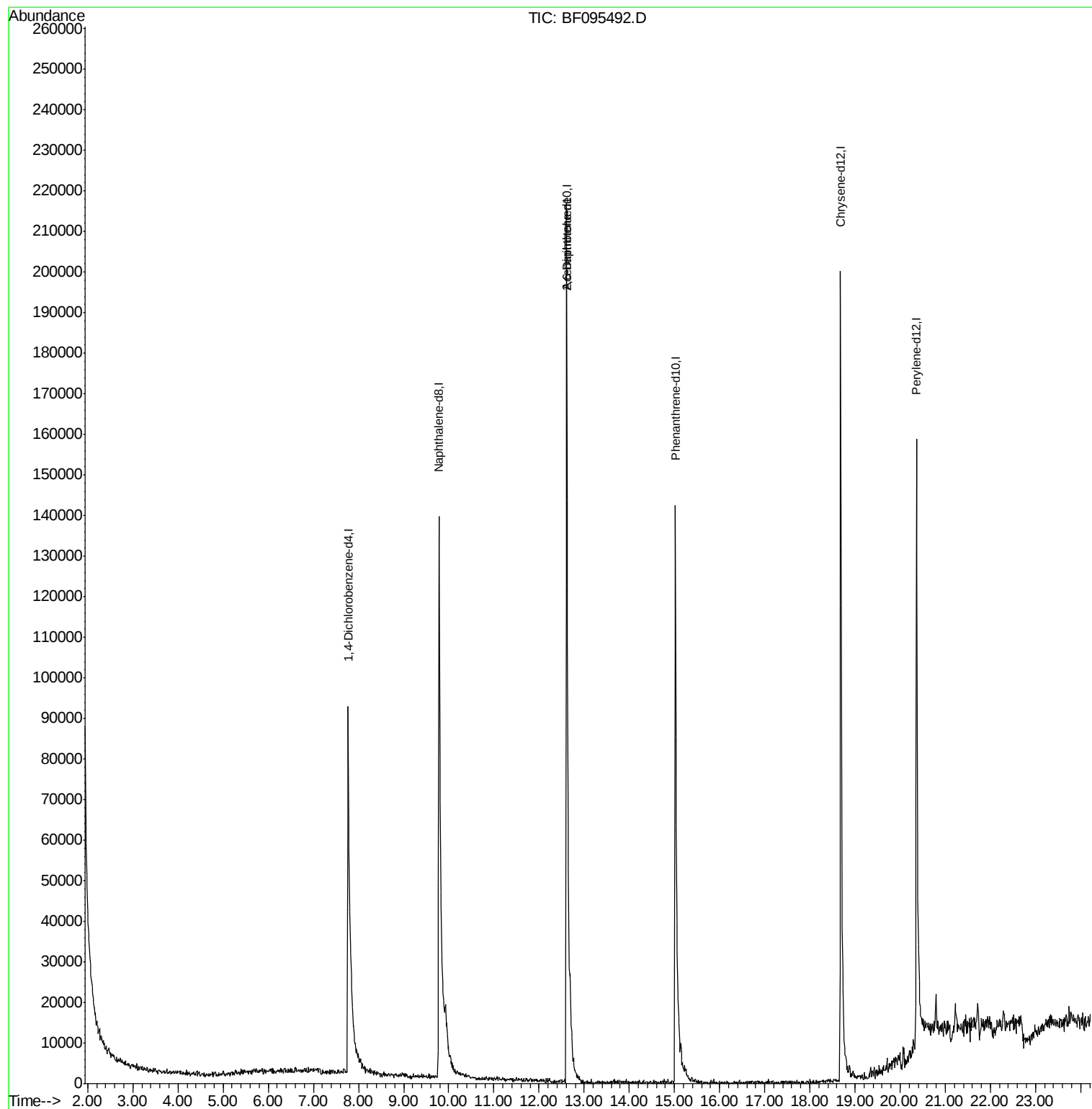
Quant Time: May 28 23:04:10 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 16:50:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	68669	20.00	ng	0.02
21) Naphthalene-d8	9.78	136	232609	20.00	ng	0.02
38) Acenaphthene-d10	12.61	164	106510	20.00	ng	0.02
63) Phenanthrene-d10	15.02	188	167619	20.00	ng	0.02
75) Chrysene-d12	18.68	240	156617	20.00	ng	0.00
86) Perylene-d12	20.37	264	117376	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	0.00	82	0	0.00	ng	
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	0.00	172	0	0.00	ng	
78) Terphenyl-d14	0.00	244	0	0.00	ng	
Target Compounds						
50) 2,6-Dinitrotoluene	12.61	165	11856	6.65	ng	Qvalue # 31

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

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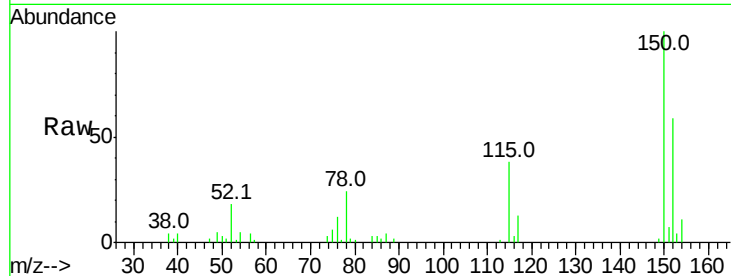
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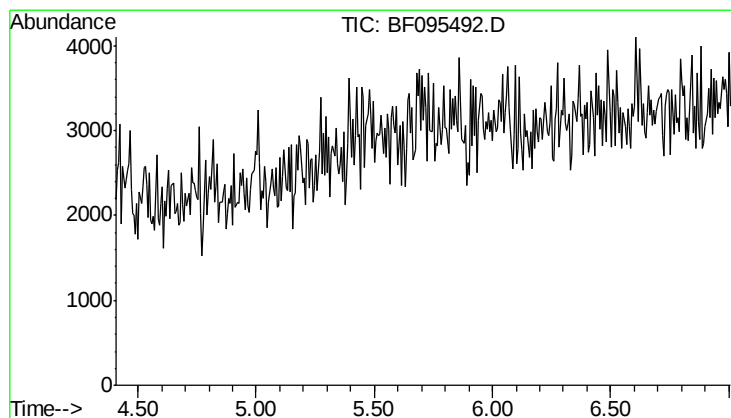
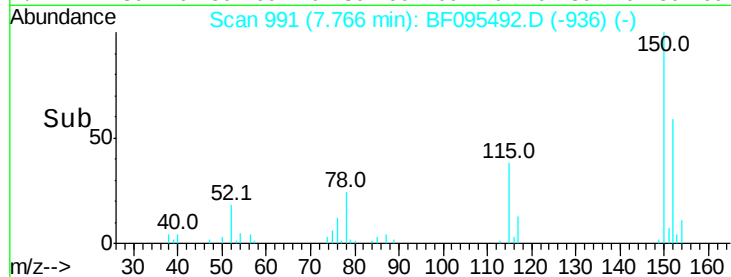
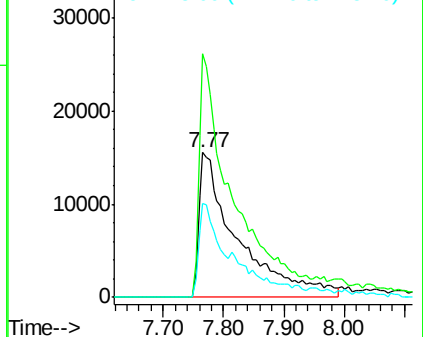


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.77 min Scan# 991
 Delta R.T. 0.02 min
 Lab File: BF095492.D
 Acq: 27 May 2017 9:15

Tot Ion:	152	Resp:	68669
Ion	Ratio	Lower	Upper
152	100		
150	168.6	126.2	189.2
115	64.8	52.2	78.2



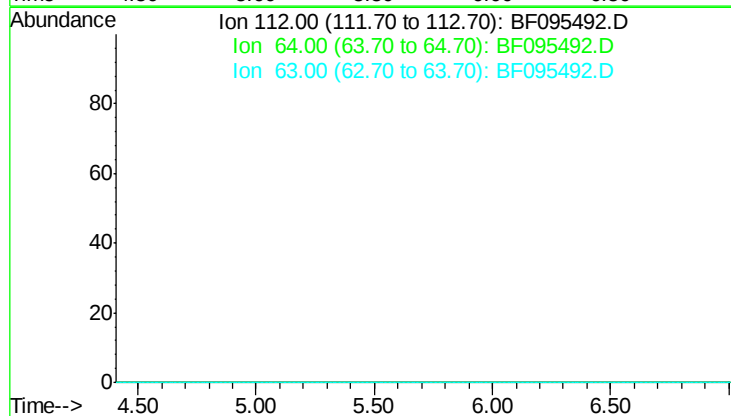
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

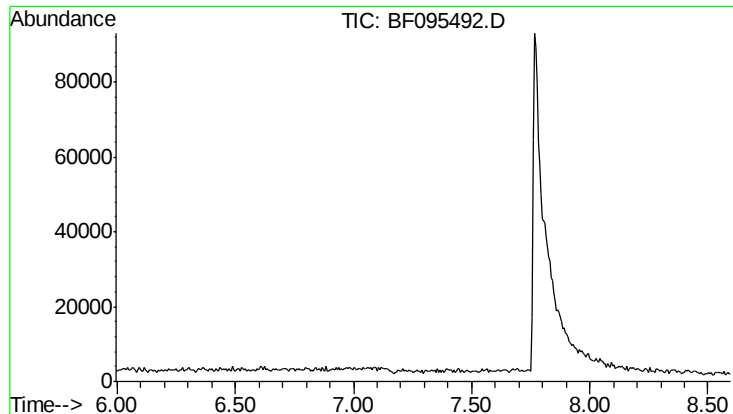


#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.71 min

Lab File: BF095492.D
 Acq: 27 May 2017 9:15

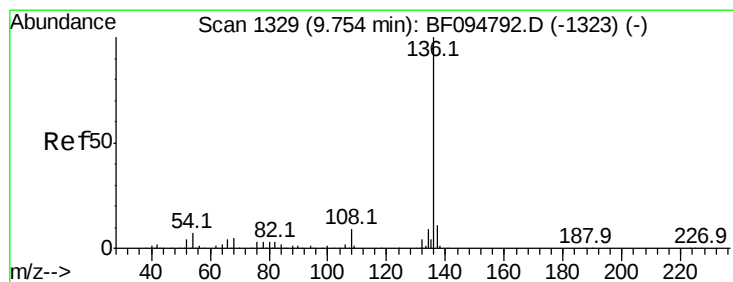
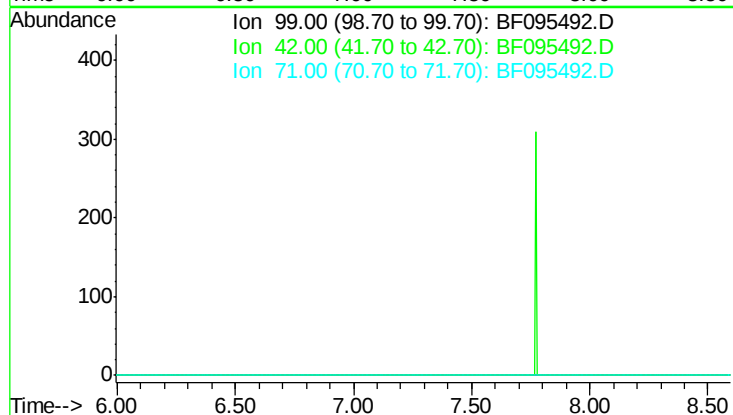
Tgt Ion:	112
Sig	Exp Ratio
112	100
64	57.5
63	29.2





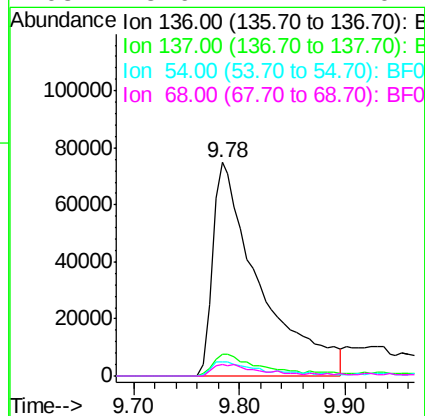
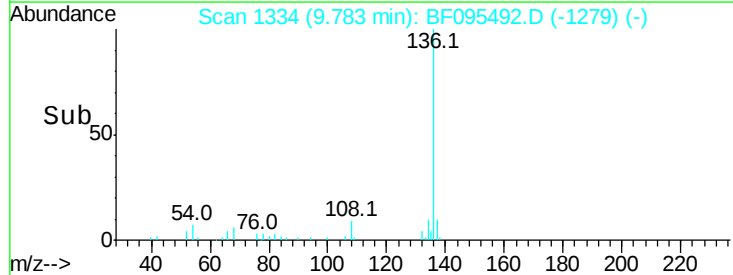
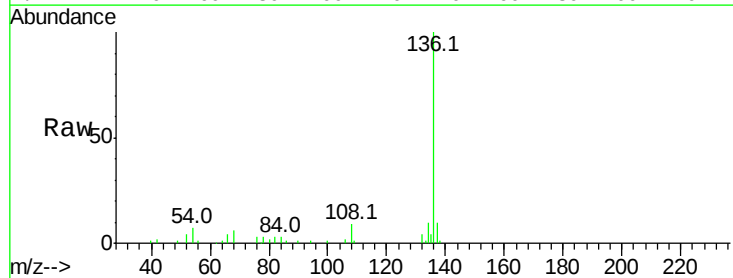
#7
 Phenol-d6
 Concen: 0.00 ng
 Expected RT: 7.30 min
 Lab File: BF095492.D
 Acq: 27 May 2017 9:15

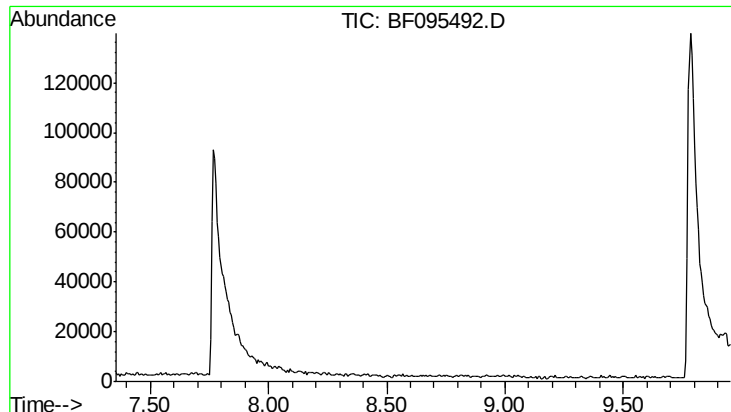
Tot Ion: 99
 Sig Exp Ratio
 99 100
 42 16.9
 71 30.6



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 9.78 min Scan# 1334
 Delta R.T. 0.02 min
 Lab File: BF095492.D
 Acq: 27 May 2017 9:15

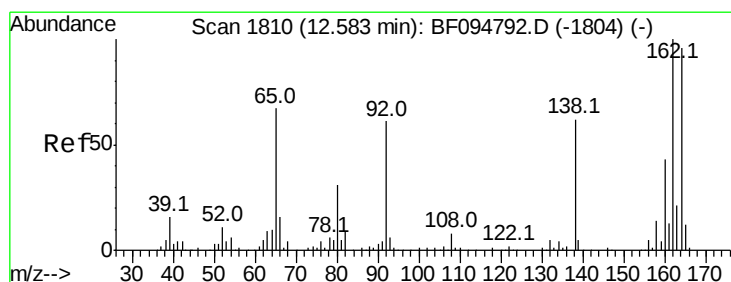
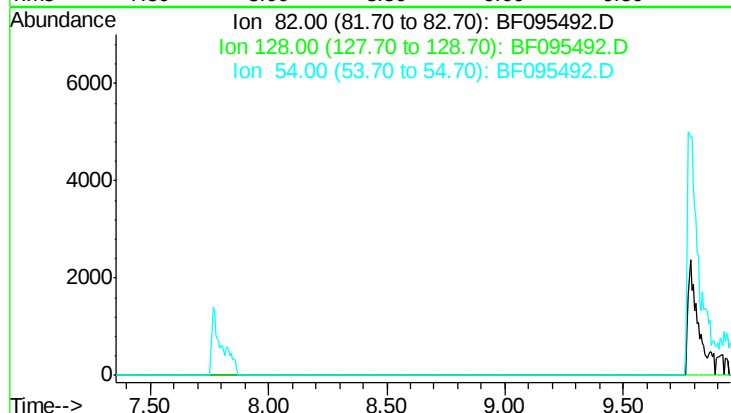
Tgt Ion: 136 Resp: 232609
 Ion Ratio Lower Upper
 136 100
 137 10.4 8.5 12.7
 54 6.5 4.9 7.3
 68 5.6 4.1 6.1





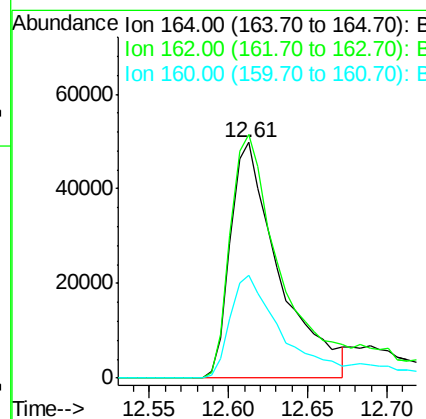
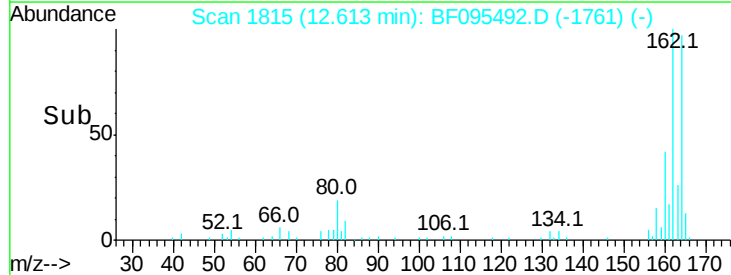
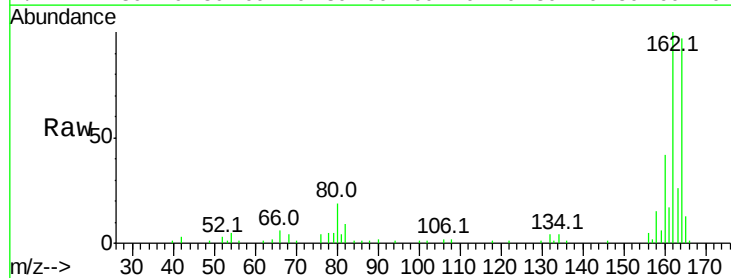
#23
 Nitrobenzene-d5
 Concen: 0.00 ng
 Expected RT: 8.65 min
 Lab File: BF095492.D
 Acq: 27 May 2017 9:15

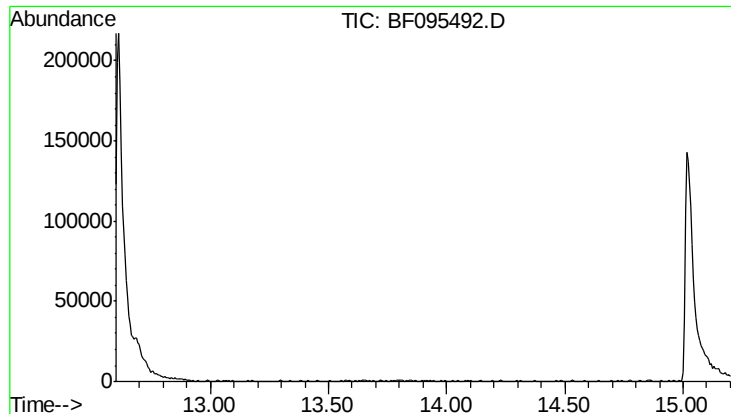
Tot Ion	82
Sig	Exp Ratio
82	100
128	42.5
54	52.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.61 min Scan# 1815
 Delta R.T. 0.02 min
 Lab File: BF095492.D
 Acq: 27 May 2017 9:15

Tgt Ion	164	Resp	106510
Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.6	123.8
160	43.4	36.2	54.2





#41

2,4,6-Tribromophenol

Concen: 0.00 ng

Expected RT: 13.90 min

Lab File: BF095492.D

Acq: 27 May 2017 9:15

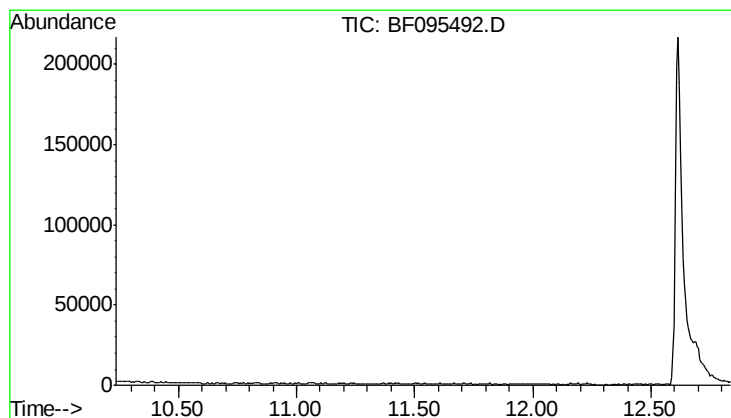
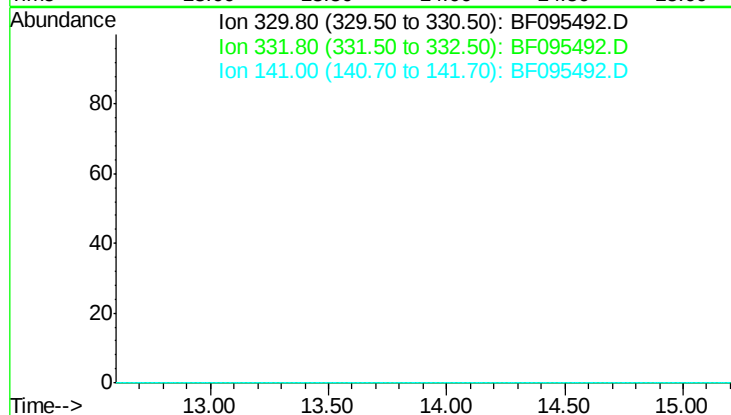
Tot Ion: 330

Sig Exp Ratio

330 100

332 95.8

141 39.3



#44

2-Fluorobiphenyl

Concen: 0.00 ng

Expected RT: 11.54 min

Lab File: BF095492.D

Acq: 27 May 2017 9:15

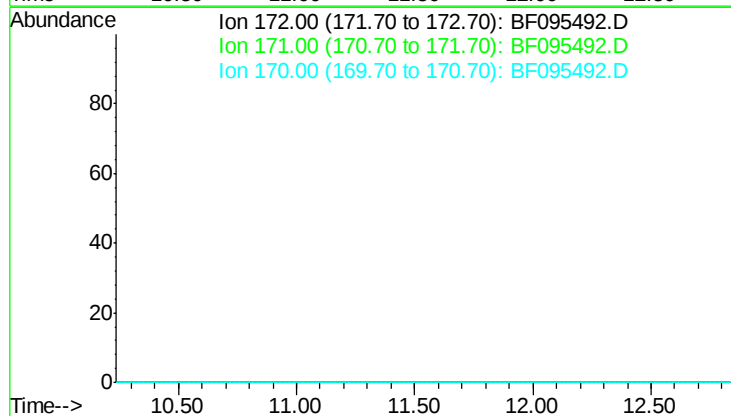
Tgt Ion: 172

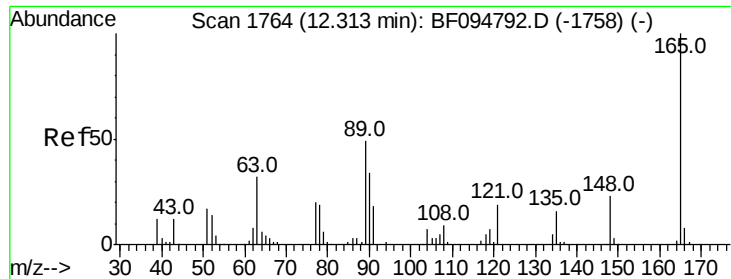
Sig Exp Ratio

172 100

171 37.0

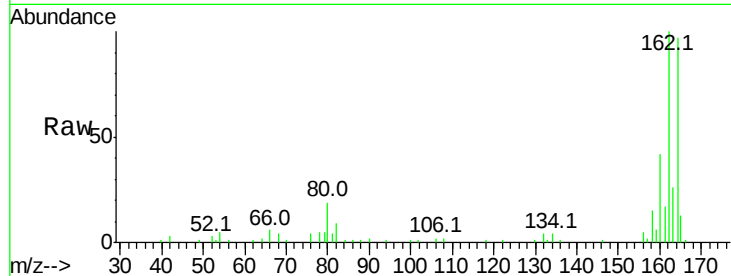
170 24.8





#50
 2,6-Dinitrotoluene
 Concen: 6.65 ng
 RT: 12.61 min Scan# 1815
 Delta R.T. 0.27 min
 Lab File: BF095492.D
 Acq: 27 May 2017 9:15

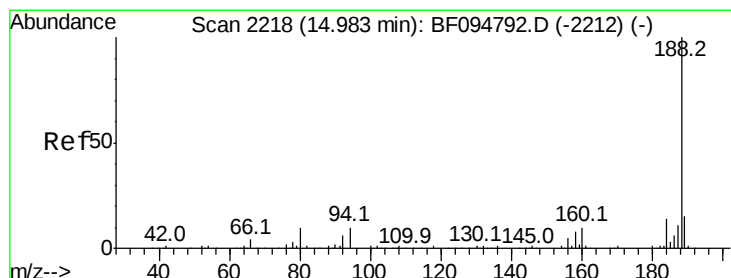
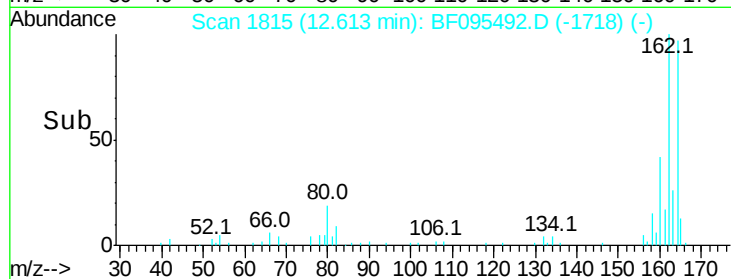
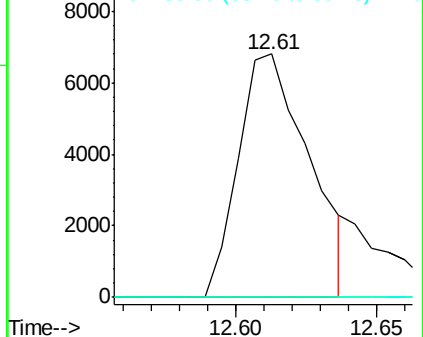
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

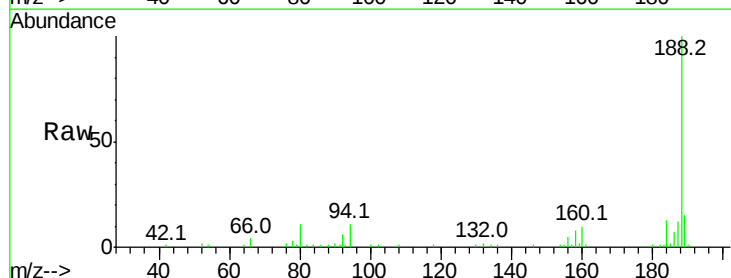
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 2224
 Delta R.T. 0.02 min
 Lab File: BF095492.D
 Acq: 27 May 2017 9:15

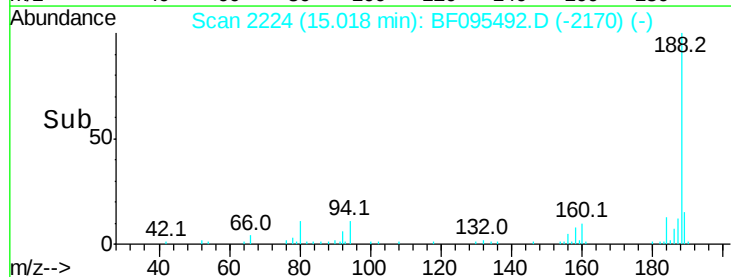
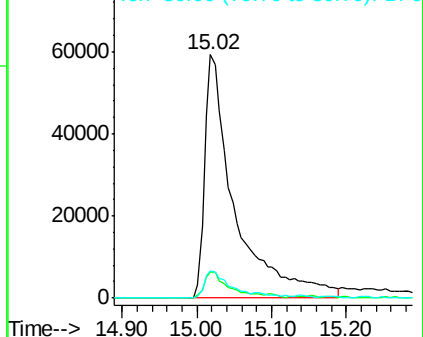
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.9	9.4	14.2
80	11.1	10.2	15.2



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: BF095492.D

Acq: 27 May 2017 9:15

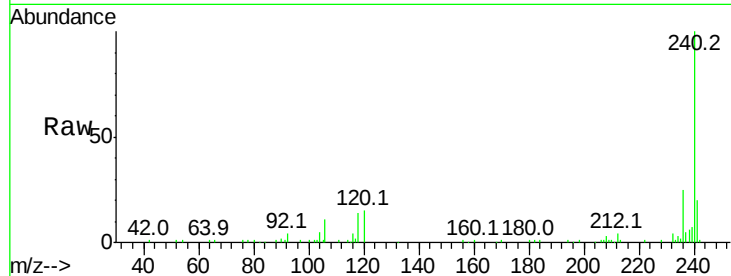
Tot Ion: 240 Resp: 156617

Ion Ratio Lower Upper

240 100

120 15.4 5.8 8.8#

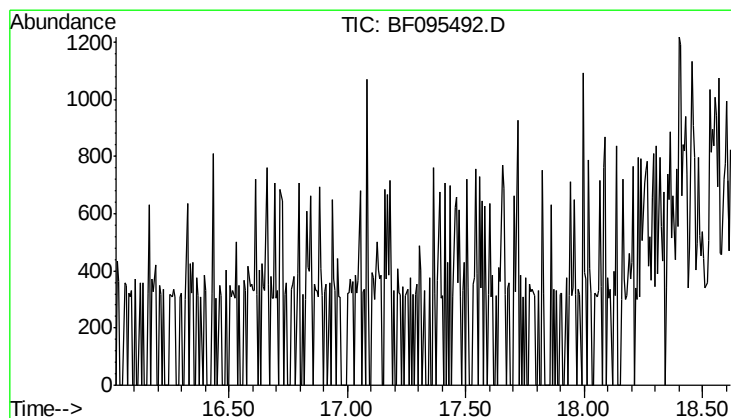
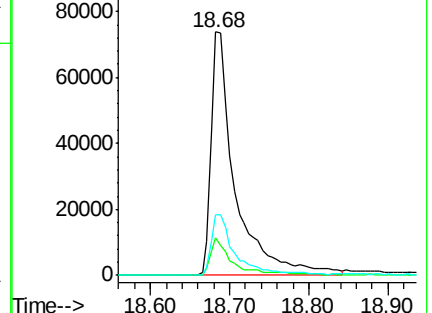
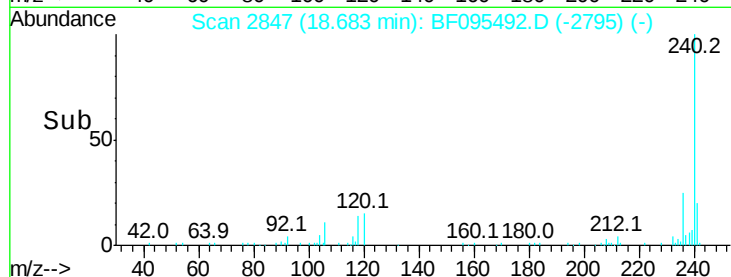
236 24.6 20.5 30.7



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: 0.00 ng

Expected RT: 17.32 min

Lab File: BF095492.D

Acq: 27 May 2017 9:15

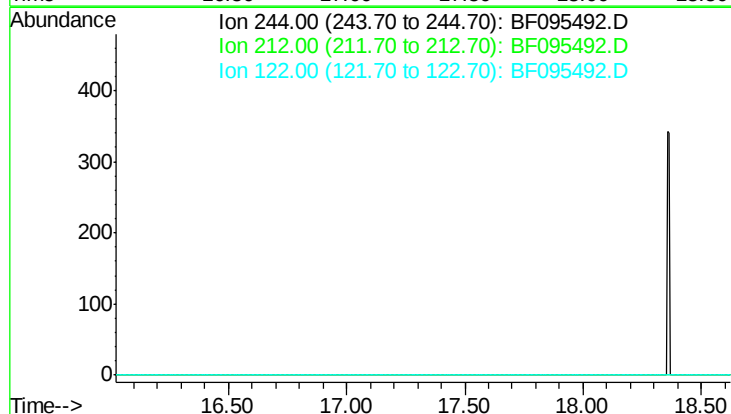
Tgt Ion: 244

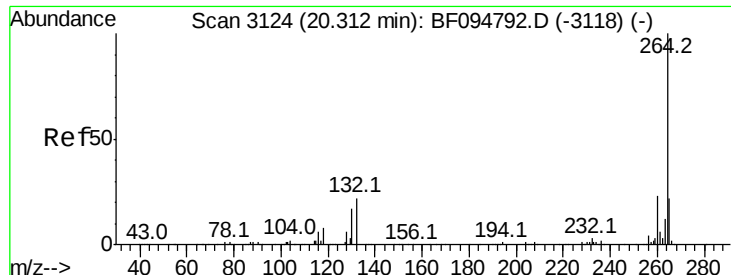
Sig Exp Ratio

244 100

212 7.5

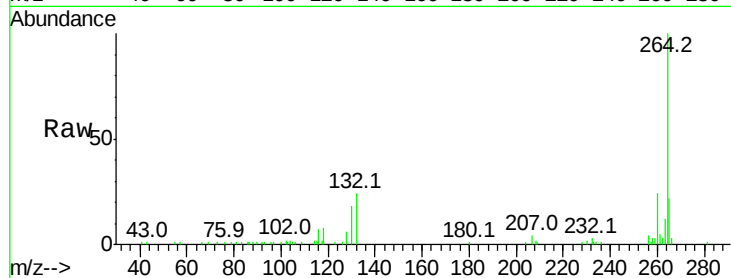
122 12.9





#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.37 min Scan# 3133
Delta R.T. 0.01 min
Lab File: BF095492.D
Acq: 27 May 2017 9:15

Tot Ion:	264	Resp:	117376
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.8	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

