

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052617\
 Data File : BF095488.D
 Acq On : 27 May 2017 7:06
 Operator : SJ/MA
 Sample : I3339-01 10X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

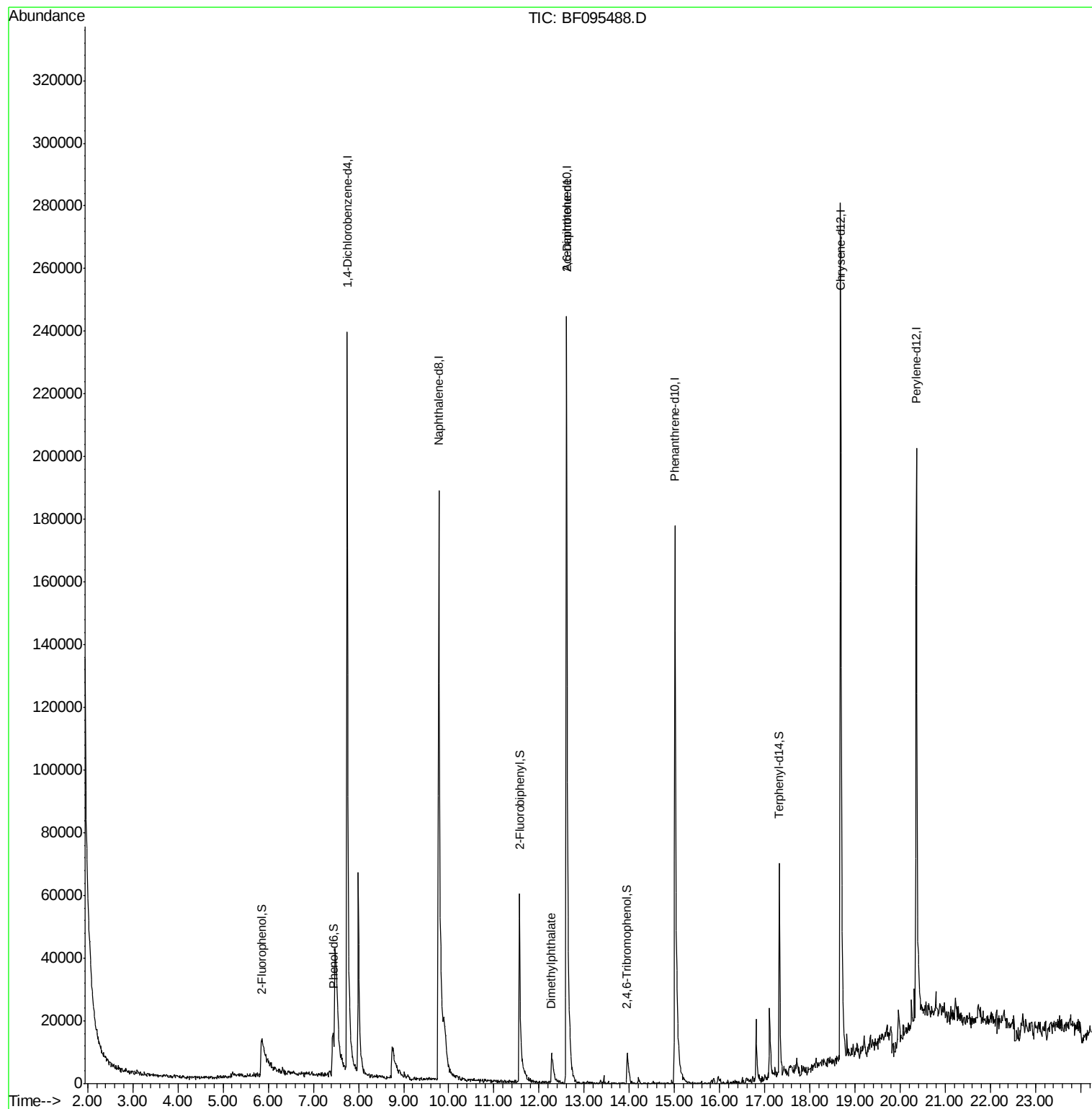
Quant Time: May 28 23:03:13 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 16:50:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	78967	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	259507	20.00	ng	0.02
38) Acenaphthene-d10	12.61	164	131246	20.00	ng	0.01
63) Phenanthrene-d10	15.01	188	166099	20.00	ng	0.01
75) Chrysene-d12	18.68	240	177746	20.00	ng	0.00
86) Perylene-d12	20.36	264	115091	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	18840	3.98	ng	0.14
7) Phenol-d6	7.44	99	15252	2.68	ng	0.14
23) Nitrobenzene-d5	8.91	82	794	0.19	ng	0.25
41) 2,4,6-Tribromophenol	13.95	330	6465	6.01	ng	0.05
44) 2-Fluorobiphenyl	11.57	172	60162	6.60	ng	0.03
78) Terphenyl-d14	17.32	244	40548	5.02	ng	0.00
Target Compounds						
49) Dimethylphthalate	12.28	163	23403	2.17	ng	# 94
50) 2,6-Dinitrotoluene	12.61	165	12514	5.69	ng	# 31

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

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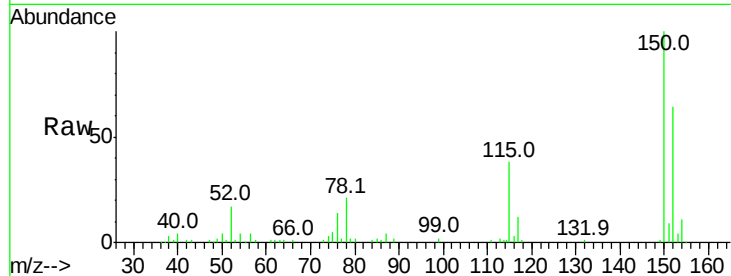




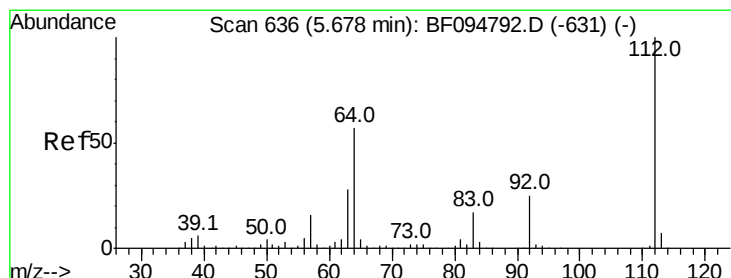
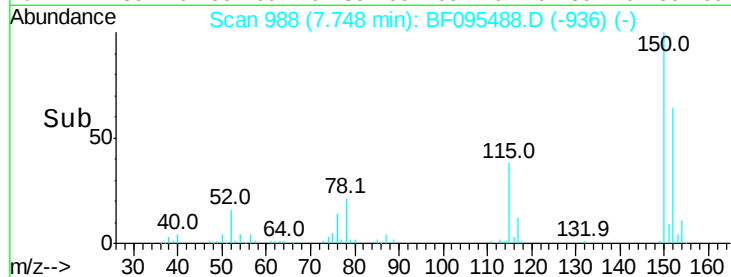
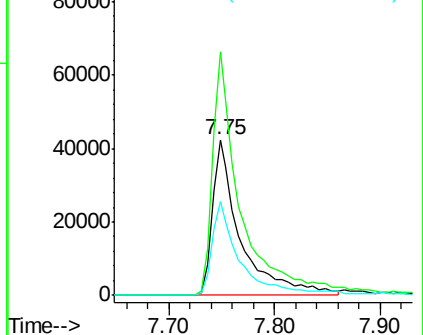
#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.75 min Scan# 988
Delta R.T. 0.01 min
Lab File: BF095488.D
Acq: 27 May 2017 7:06

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	126.2	189.2
115	60.1	52.2	78.2



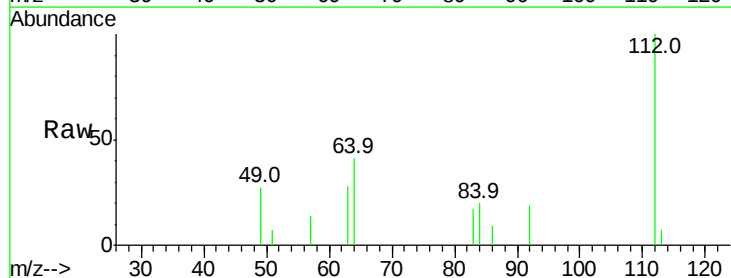
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



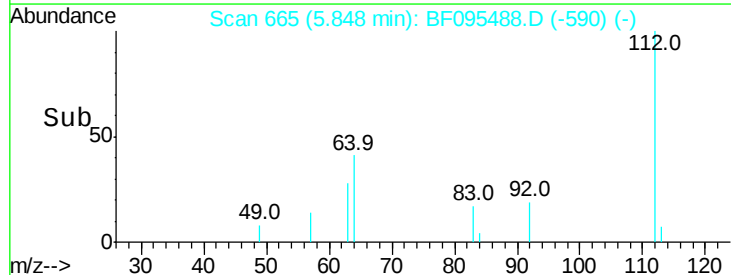
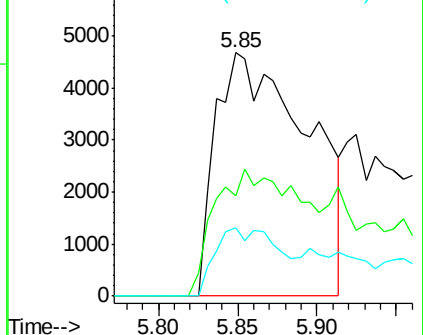
#5

2-Fluorophenol
Concen: 3.98 ng
RT: 5.85 min Scan# 665
Delta R.T. 0.14 min
Lab File: BF095488.D
Acq: 27 May 2017 7:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	41.2	46.0	69.0#
63	28.3	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: 2.68 ng

RT: 7.44 min Scan# 935

Delta R.T. 0.14 min

Lab File: BF095488.D

Acq: 27 May 2017 7:06

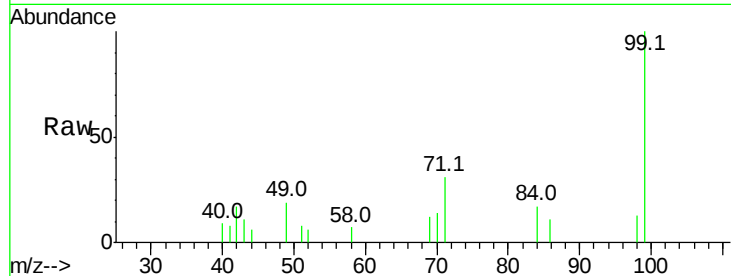
Tot Ion: 99 Resp: 15252

Ion Ratio Lower Upper

99 100

42 17.3 13.5 20.3

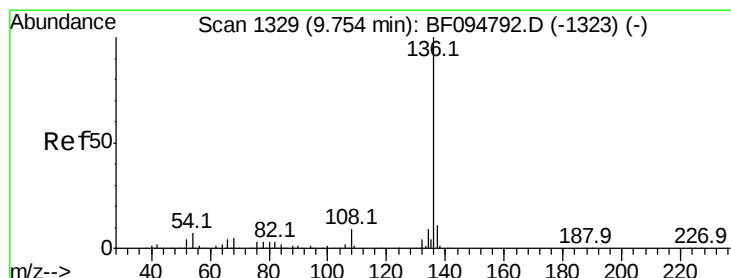
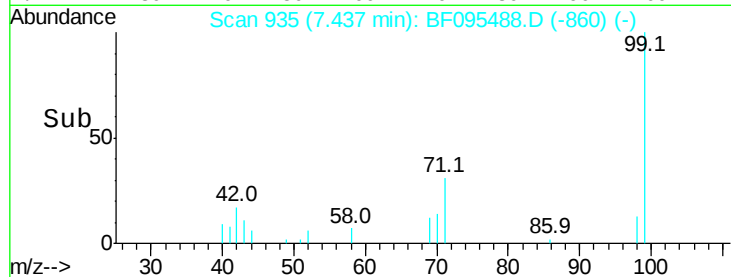
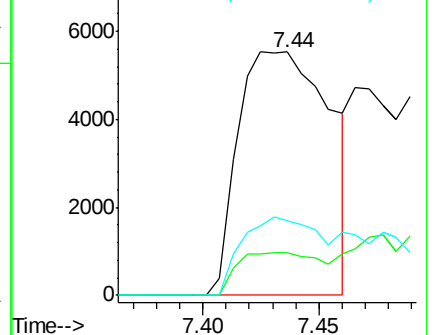
71 30.7 24.5 36.7



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: BF095488.D

Acq: 27 May 2017 7:06

Tgt Ion: 136 Resp: 259507

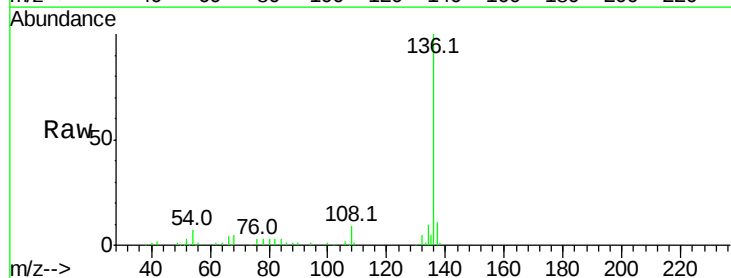
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.5 4.9 7.3

68 5.2 4.1 6.1

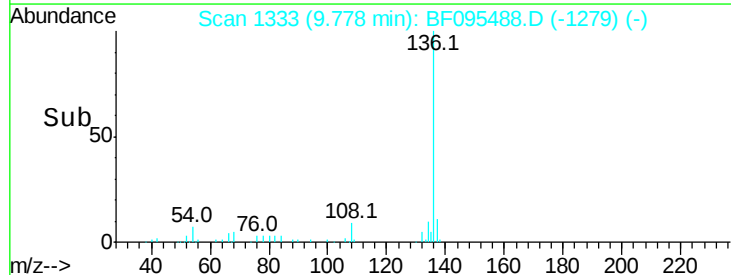
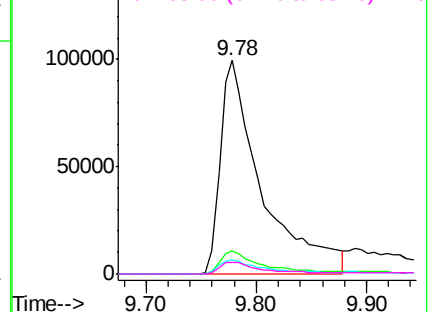


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

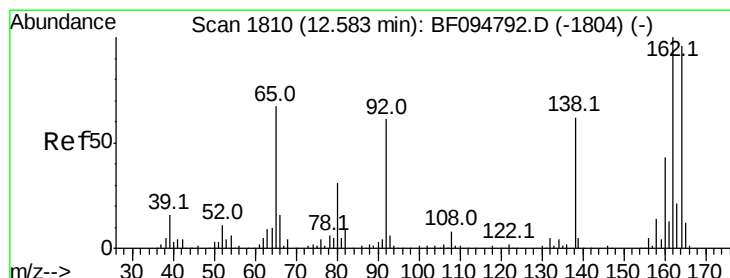
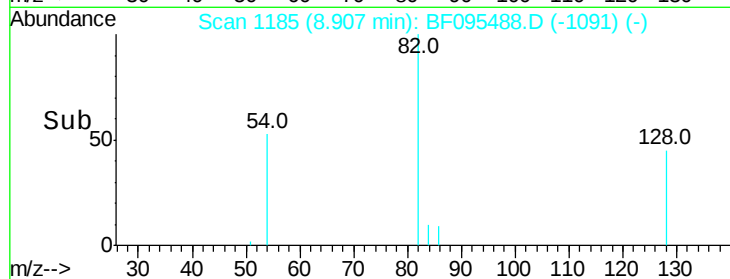
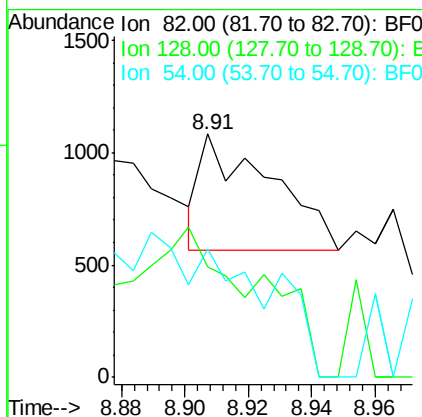
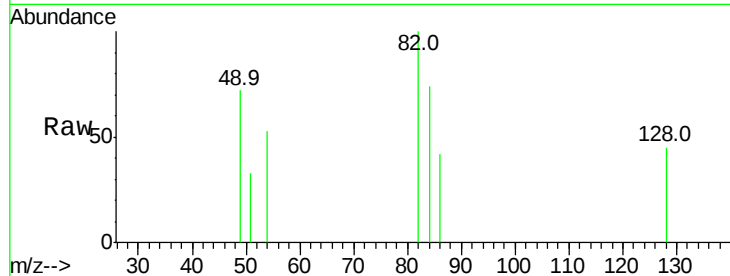
Ion 68.00 (67.70 to 68.70): BF0





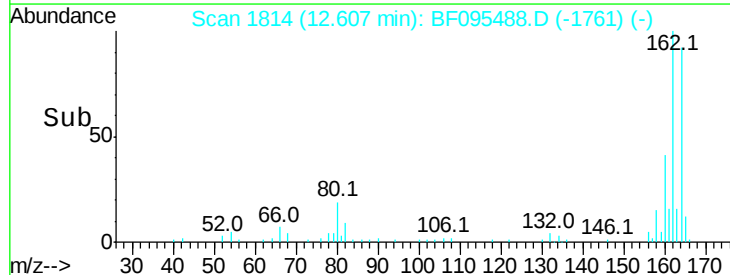
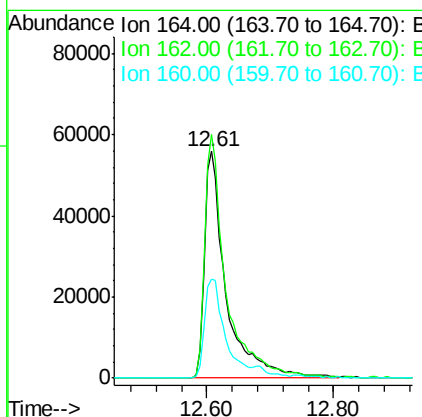
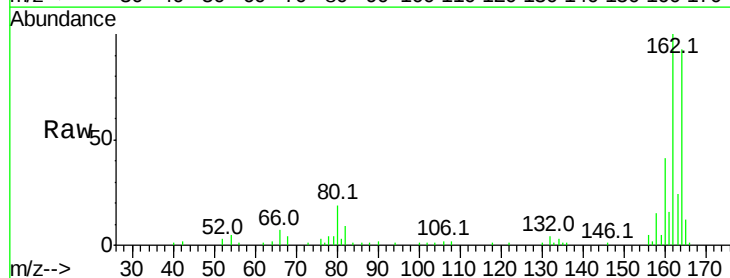
#23
 Nitrobenzene-d5
 Concen: 0.19 ng
 RT: 8.91 min Scan# 1185
 Delta R.T. 0.25 min
 Lab File: BF095488.D
 Acq: 27 May 2017 7:06

Tot Ion:	82	Resp:	794
Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.0	51.0
54	52.7	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: BF095488.D
 Acq: 27 May 2017 7:06

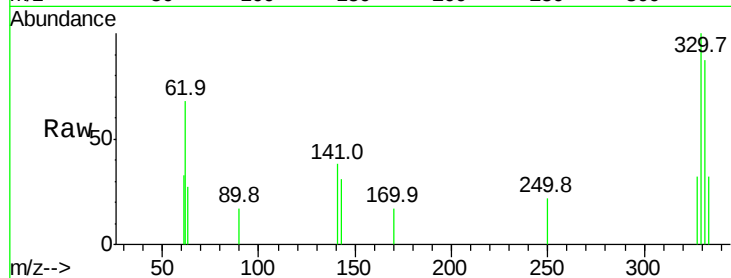
Tgt Ion:	164	Resp:	131246
Ion	Ratio	Lower	Upper
164	100		
162	107.5	82.6	123.8
160	43.7	36.2	54.2



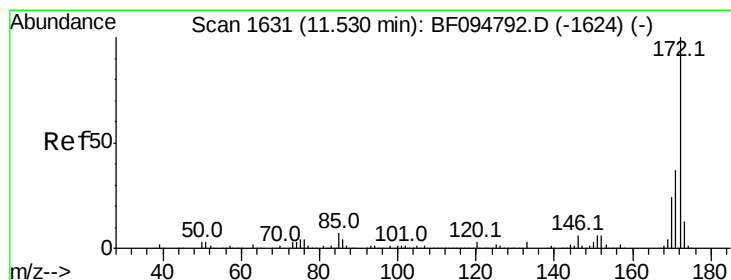
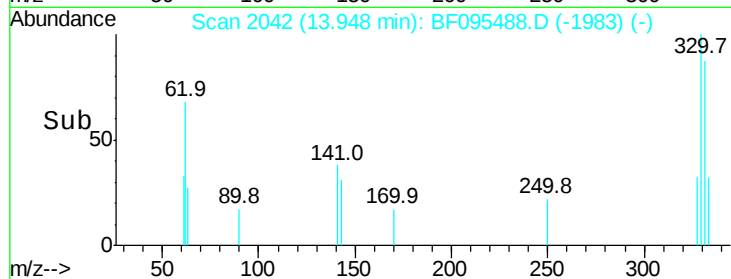
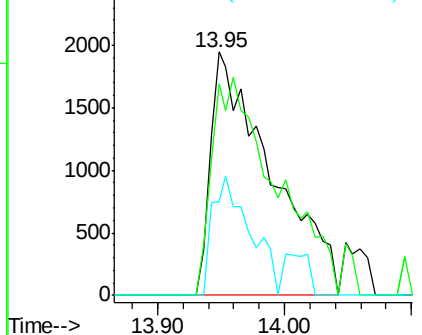


#41
 2,4,6-Tribromophenol
 Concen: 6.01 ng
 RT: 13.95 min Scan# 2042
 Delta R.T. 0.05 min
 Lab File: BF095488.D
 Acq: 27 May 2017 7:06

Tot Ion:330 Resp: 6465
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.6 115.0
 141 30.5 31.4 47.2#

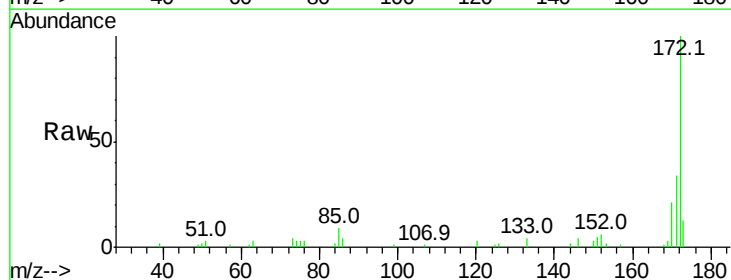


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

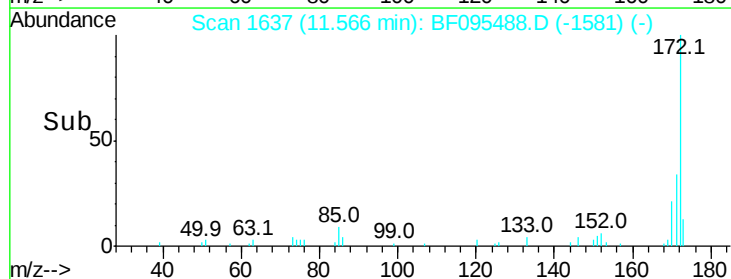
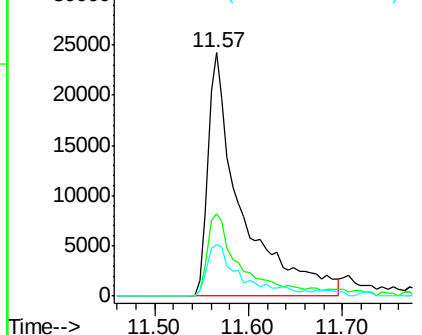


#44
 2-Fluorobiphenyl
 Concen: 6.60 ng
 RT: 11.57 min Scan# 1637
 Delta R.T. 0.03 min
 Lab File: BF095488.D
 Acq: 27 May 2017 7:06

Tgt Ion:172 Resp: 60162
 Ion Ratio Lower Upper
 172 100
 171 34.1 29.6 44.4
 170 21.2 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





#49

Dimethylphthalate

Concen: 2.17 ng

RT: 12.28 min Scan# 1758

Delta R.T. 0.04 min

Lab File: BF095488.D

Acq: 27 May 2017 7:06

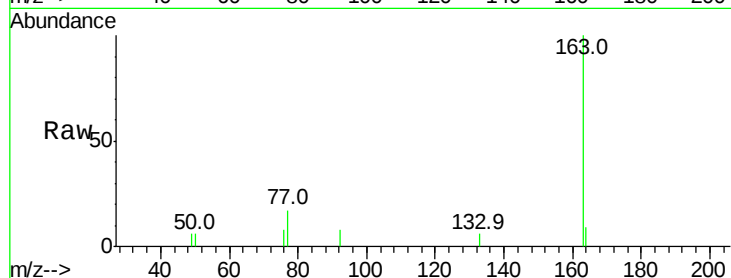
Tot Ion:163 Resp: 23403

Ion Ratio Lower Upper

163 100

194 0.0 2.6 4.0#

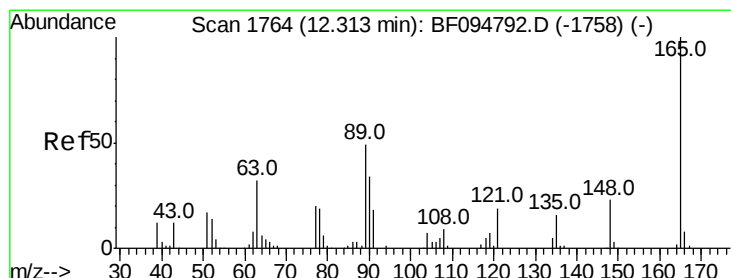
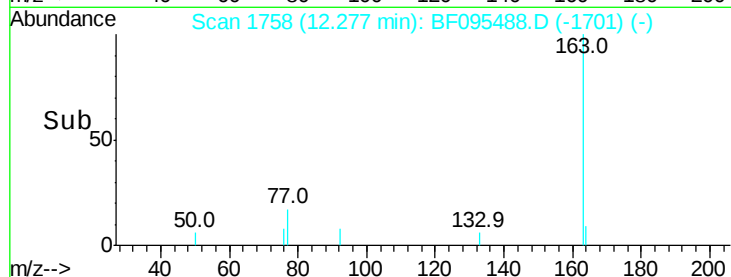
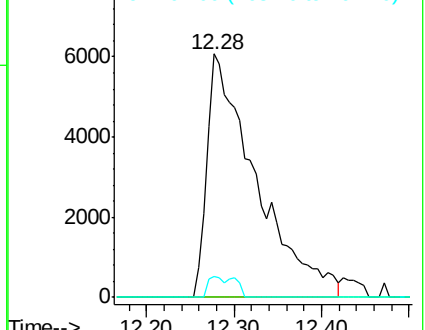
164 8.6 8.4 12.6



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



#50

2,6-Dinitrotoluene

Concen: 5.69 ng

RT: 12.61 min Scan# 1814

Delta R.T. 0.26 min

Lab File: BF095488.D

Acq: 27 May 2017 7:06

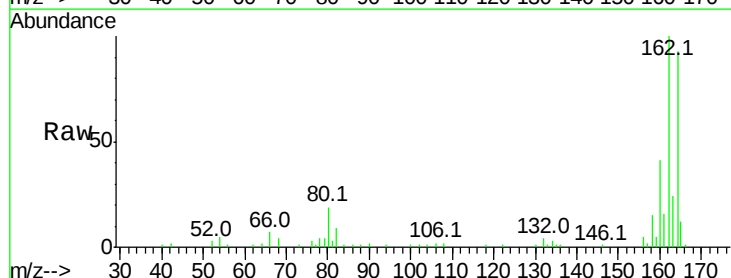
Tgt Ion:165 Resp: 12514

Ion Ratio Lower Upper

165 100

63 0.0 34.3 51.5#

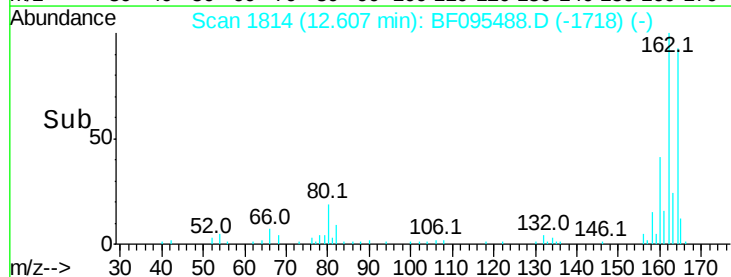
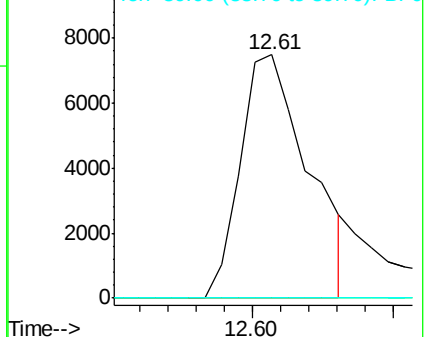
89 0.0 37.1 55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

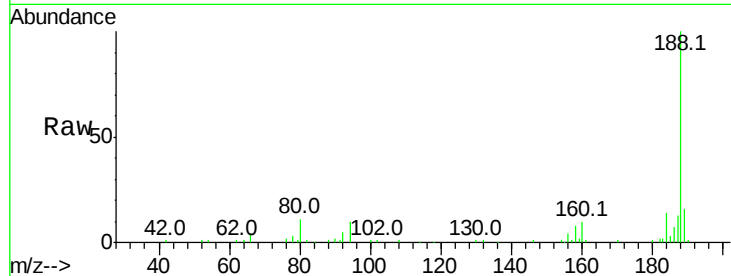
Ion 89.00 (88.70 to 89.70): BF0



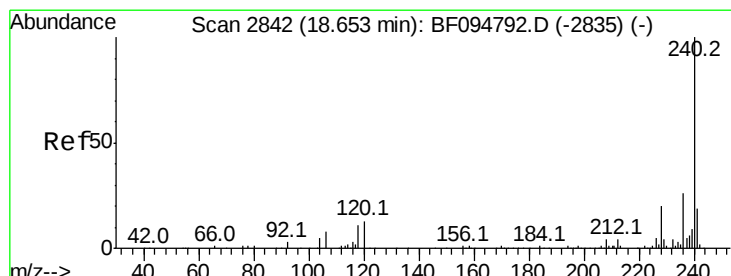
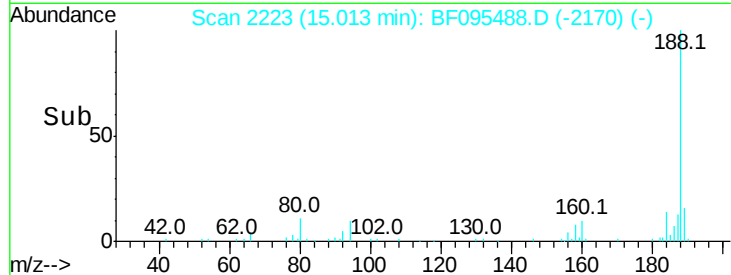
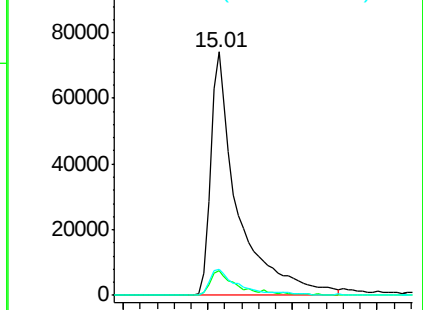


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.01 min Scan# 2223
 Delta R.T. 0.01 min
 Lab File: BF095488.D
 Acq: 27 May 2017 7:06

Tot Ion:188 Resp: 166099
 Ion Ratio Lower Upper
 188 100
 94 10.3 9.4 14.2
 80 10.9 10.2 15.2

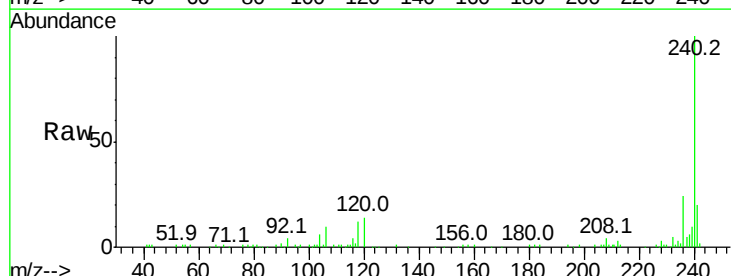


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

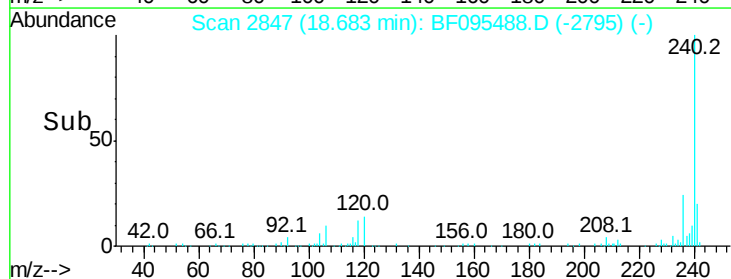
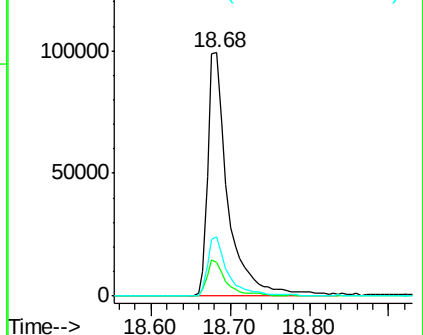


#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.68 min Scan# 2847
 Delta R.T. 0.01 min
 Lab File: BF095488.D
 Acq: 27 May 2017 7:06

Tgt Ion:240 Resp: 177746
 Ion Ratio Lower Upper
 240 100
 120 14.0 5.8 8.8#
 236 24.3 20.5 30.7



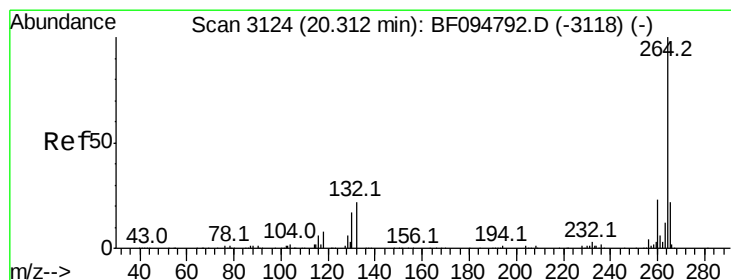
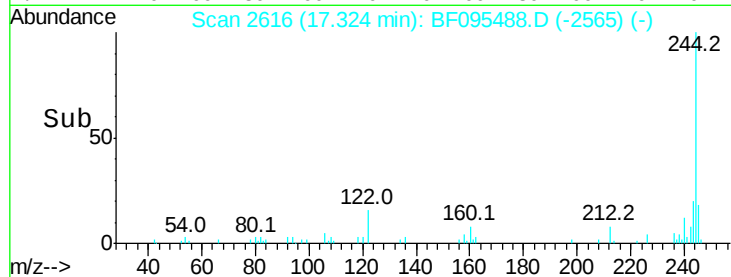
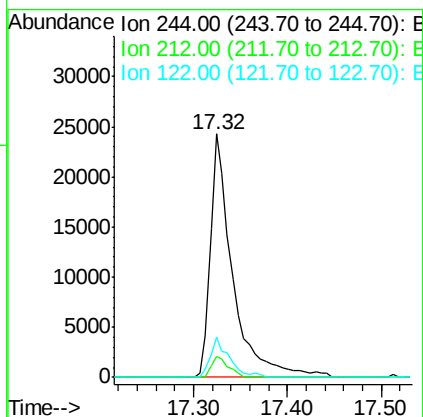
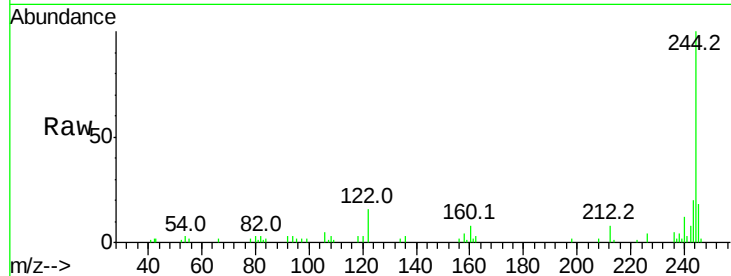
Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#78
 Terphenyl-d14
 Concen: 5.02 ng
 RT: 17.32 min Scan# 2616
 Delta R.T. 0.00 min
 Lab File: BF095488.D
 Acq: 27 May 2017 7:06

Tot Ion:244 Resp: 40548
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.0 9.0
 122 16.3 10.3 15.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.36 min Scan# 3132
 Delta R.T. 0.01 min
 Lab File: BF095488.D
 Acq: 27 May 2017 7:06

Tgt Ion:264 Resp: 115091
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.5 29.3
 265 22.1 17.2 25.8

