

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051217\
 Data File : BF095111.D
 Acq On : 12 May 2017 14:44
 Operator : SJ/MA
 Sample : I3100-08
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-5A-051017

Quant Time: May 12 18:08:30 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 12 18:05:24 2017
 Response via : Initial Calibration

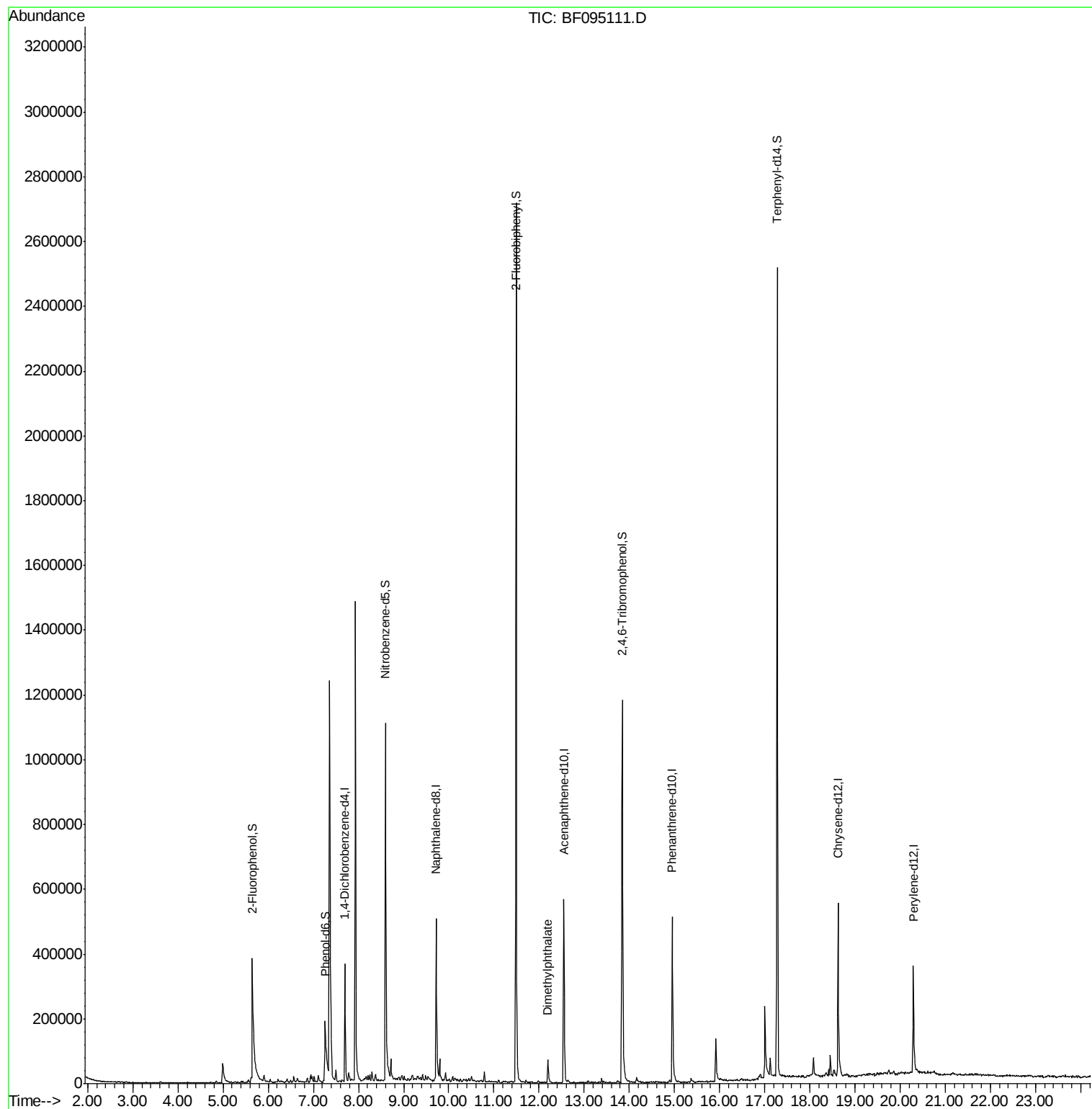
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	83697	20.00	ng	0.00
21) Naphthalene-d8	9.72	136	374187	20.00	ng	0.00
38) Acenaphthene-d10	12.55	164	175041	20.00	ng	0.00
63) Phenanthrene-d10	14.95	188	320351	20.00	ng	0.00
75) Chrysene-d12	18.62	240	268940	20.00	ng	0.00
86) Perylene-d12	20.29	264	189104	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	316454	63.04	ng	0.00
7) Phenol-d6	7.26	99	224436	37.26	ng	0.01
23) Nitrobenzene-d5	8.60	82	558999	94.20	ng	-0.01
41) 2,4,6-Tribromophenol	13.85	330	216631	151.12	ng	0.00
44) 2-Fluorobiphenyl	11.50	172	1147221	94.33	ng	0.00
78) Terphenyl-d14	17.28	244	1066227	87.32	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	12.20	163	49534	3.45	ng	99

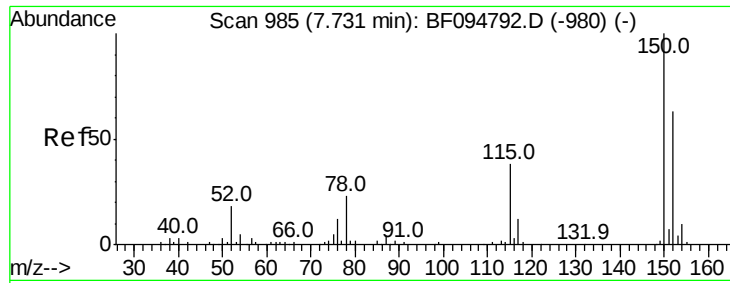
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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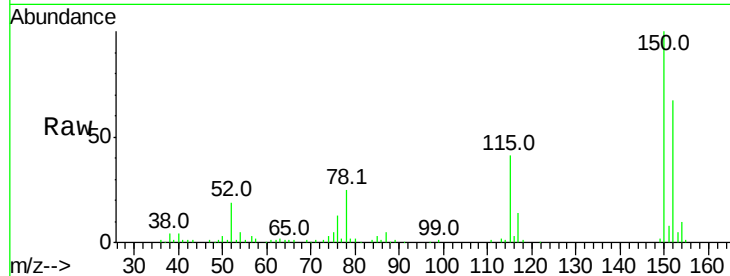


#1

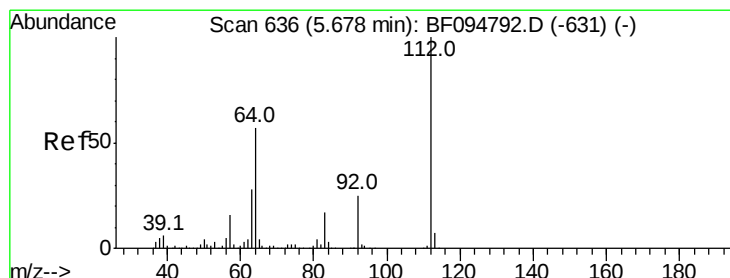
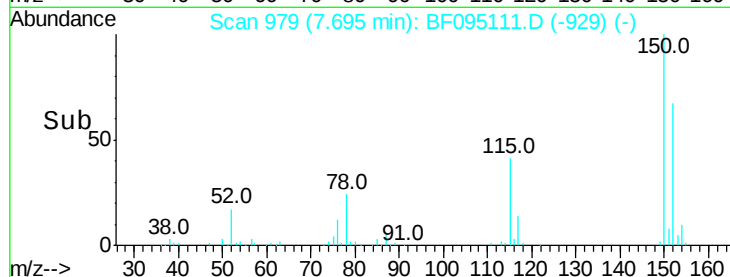
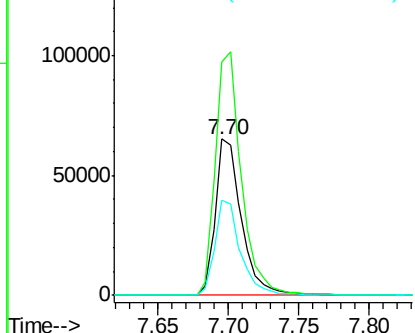
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.70 min Scan# 979
Delta R.T. -0.01 min
Lab File: BF095111.D
Acq: 12 May 2017 14:44

Instrument :
BNA_F
ClientSampleId :
MW-5A-051017

Tot Ion:152 Resp: 83697
Ion Ratio Lower Upper
152 100
150 149.1 126.2 189.2
115 61.2 52.2 78.2



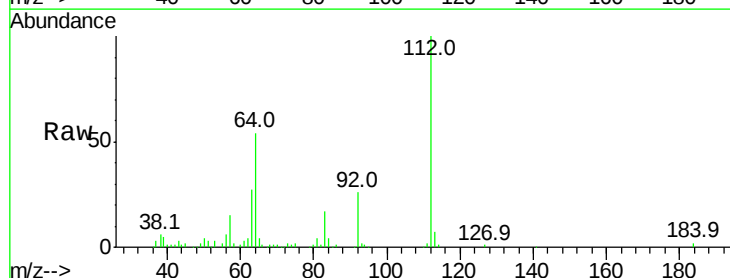
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



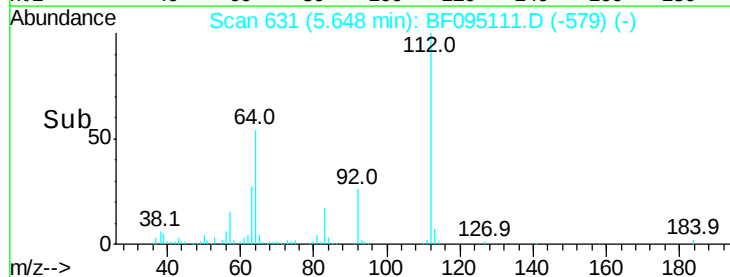
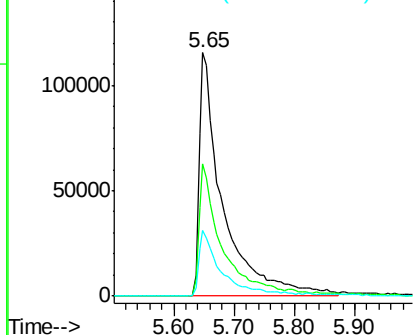
#5

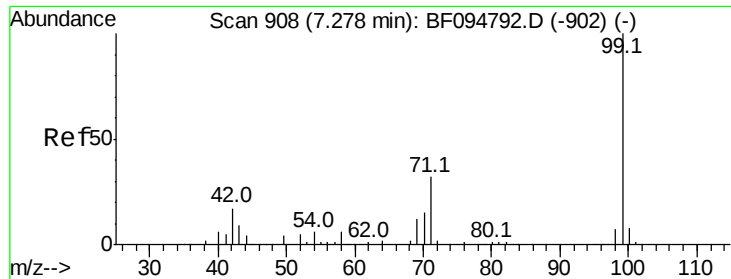
2-Fluorophenol
Concen: 63.04 ng
RT: 5.65 min Scan# 631
Delta R.T. 0.01 min
Lab File: BF095111.D
Acq: 12 May 2017 14:44

Tgt Ion:112 Resp: 316454
Ion Ratio Lower Upper
112 100
64 54.4 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: 37.26 ng

RT: 7.26 min Scan# 905

Delta R.T. 0.01 min

Lab File: BF095111.D

Acq: 12 May 2017 14:44

Instrument :

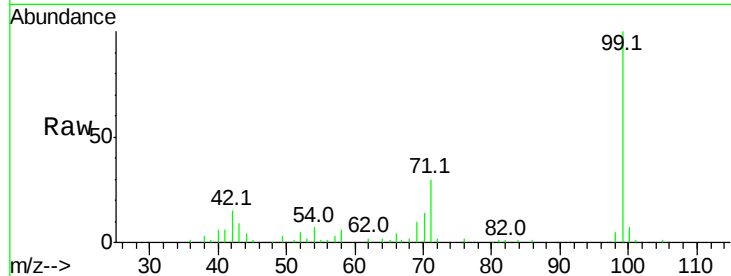
BNA_F

ClientSampleId :

MW-5A-051017

Tot Ion: 99 Resp: 224436

Ion	Ratio	Lower	Upper
99	100		
42	15.5	13.5	20.3
71	30.2	24.5	36.7

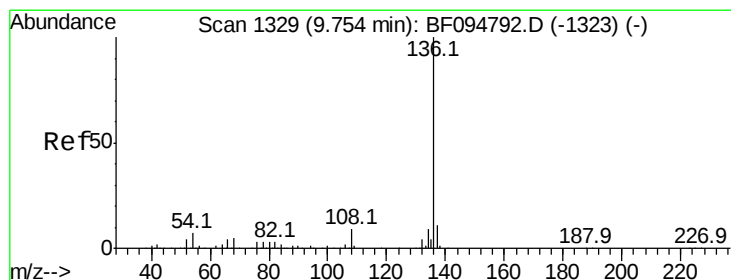
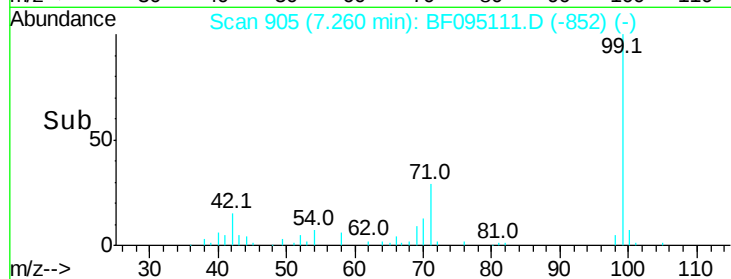
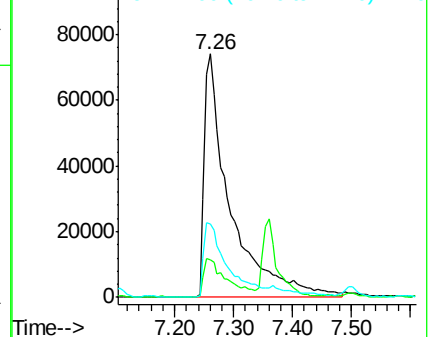


Abundance

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: 9.72 min Scan# 1323

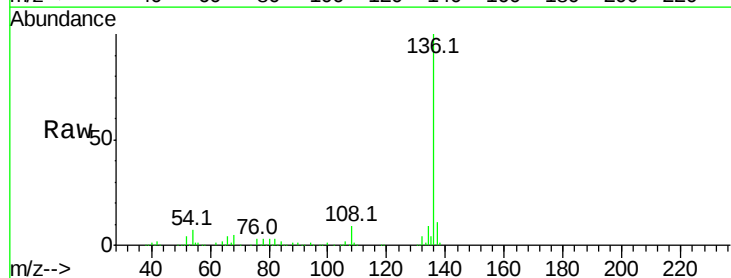
Delta R.T. -0.01 min

Lab File: BF095111.D

Acq: 12 May 2017 14:44

Tgt Ion: 136 Resp: 374187

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	7.0	4.9	7.3
68	5.4	4.1	6.1



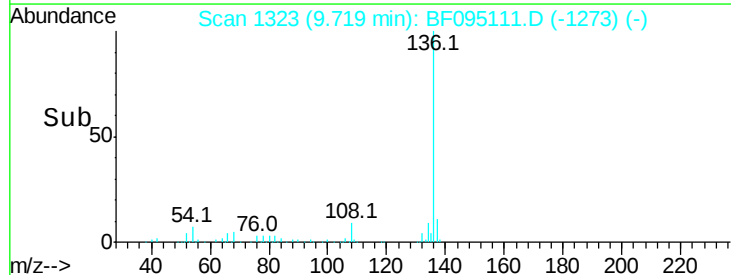
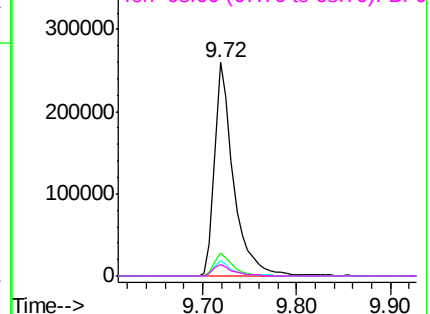
Abundance

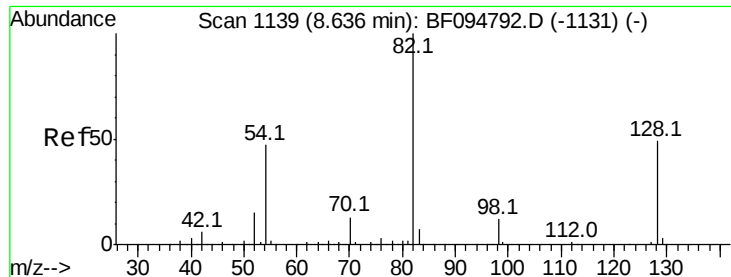
Ion 136.00 (135.70 to 136.70): E

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

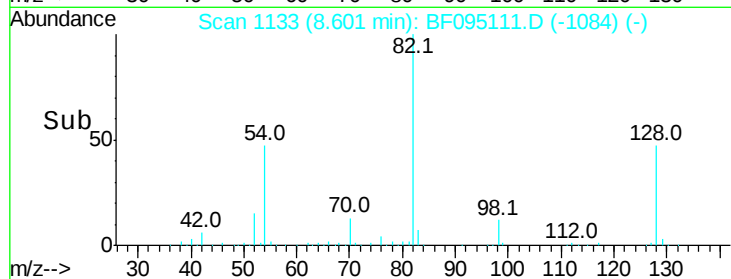
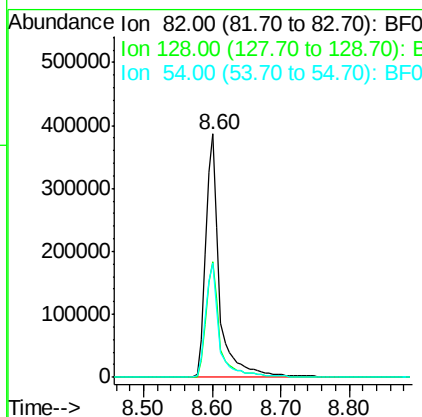
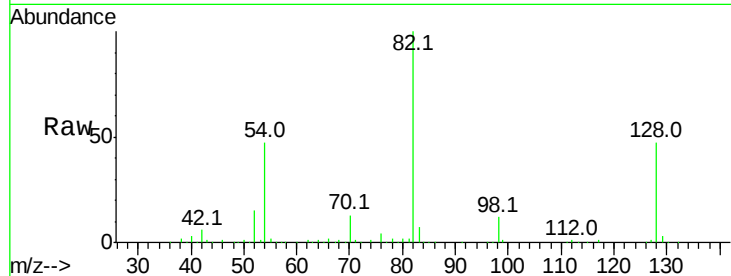




#23
 Nitrobenzene-d5
 Concen: 94.20 ng
 RT: 8.60 min Scan# 1133
 Delta R.T. -0.01 min
 Lab File: BF095111.D
 Acq: 12 May 2017 14:44

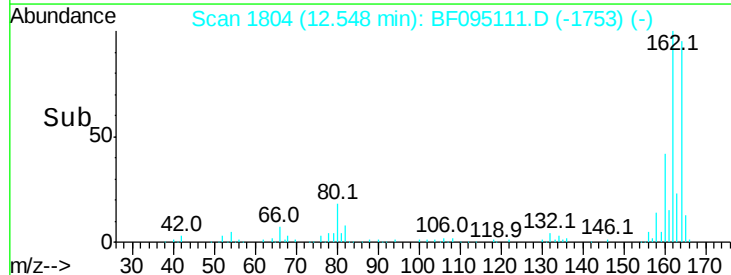
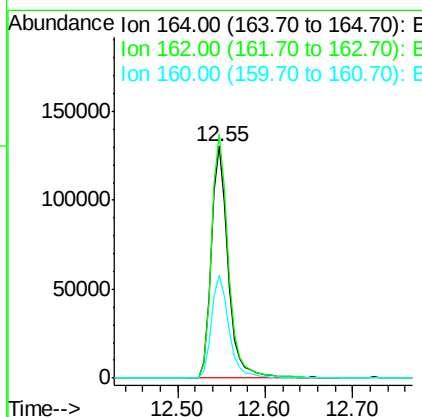
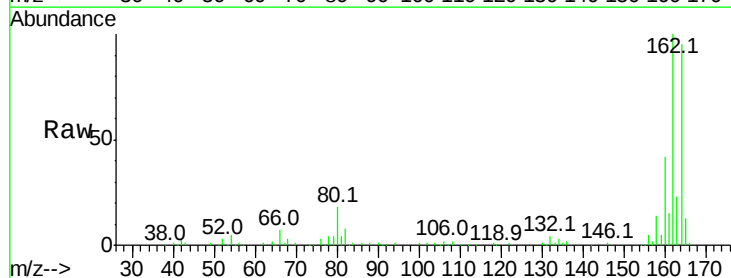
Instrument :
 BNA_F
 ClientSampleId :
 MW-5A-051017

Tot Ion	82	Resp	558999
Ion Ratio	Lower	Upper	
82	100		
128	47.5	34.0	51.0
54	47.0	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.55 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: BF095111.D
 Acq: 12 May 2017 14:44

Tgt Ion	164	Resp	175041
Ion Ratio	Lower	Upper	
164	100		
162	105.0	82.6	123.8
160	44.1	36.2	54.2

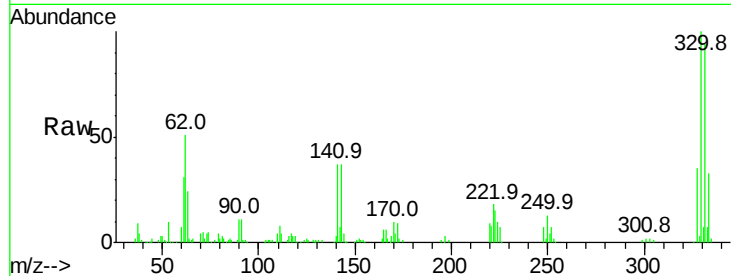




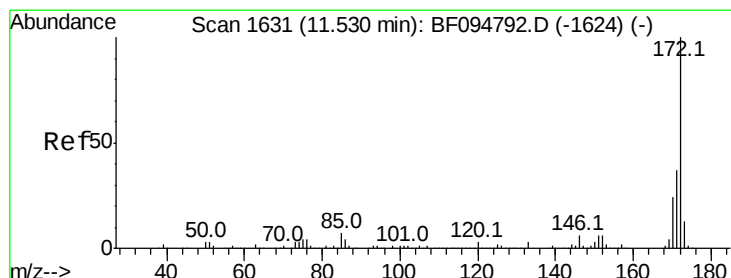
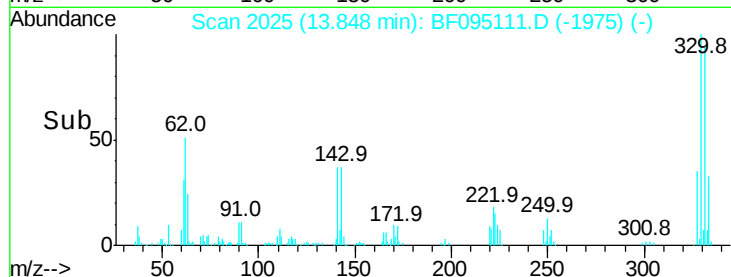
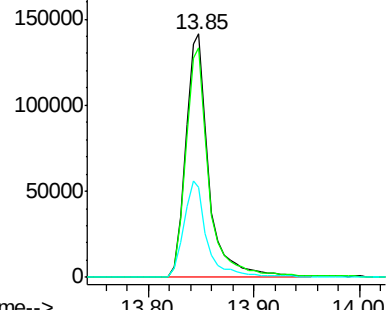
#41
 2,4,6-Tribromophenol
 Concen: 151.12 ng
 RT: 13.85 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF095111.D
 Acq: 12 May 2017 14:44

Instrument :
 BNA_F
 ClientSampleId :
 MW-5A-051017

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.6	115.0
141	40.2	31.4	47.2

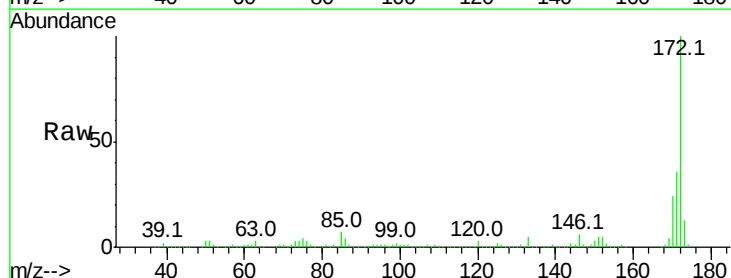


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

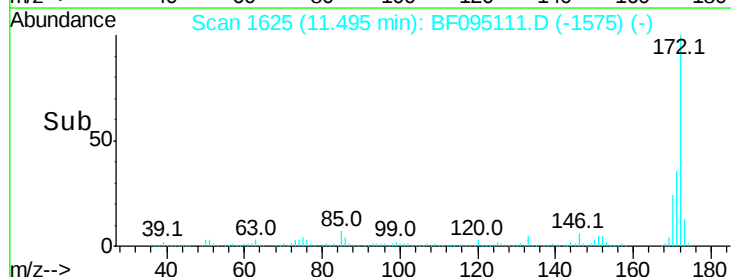
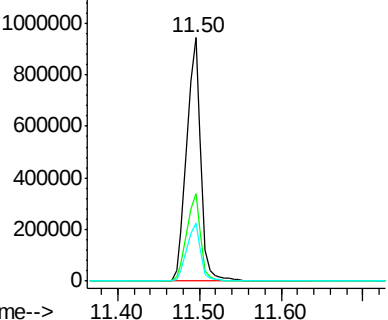


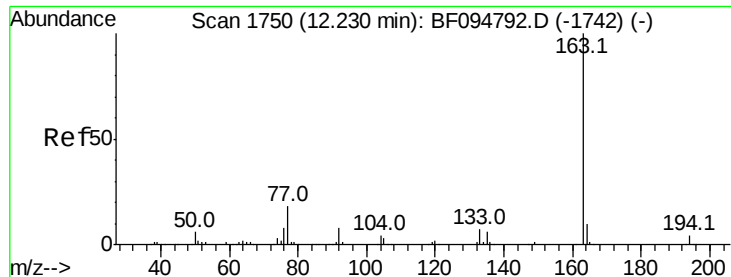
#44
 2-Fluorobiphenyl
 Concen: 94.33 ng
 RT: 11.50 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BF095111.D
 Acq: 12 May 2017 14:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	23.8	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: 3.45 ng

RT: 12.20 min Scan# 1744

Delta R.T. -0.01 min

Lab File: BF095111.D

Acq: 12 May 2017 14:44

Instrument :

BNA_F

ClientSampleId :

MW-5A-051017

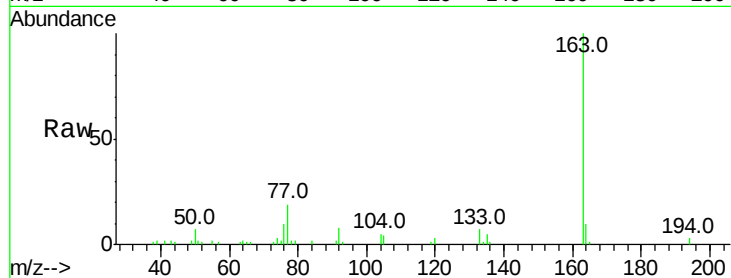
Tot Ion:163 Resp: 49534

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

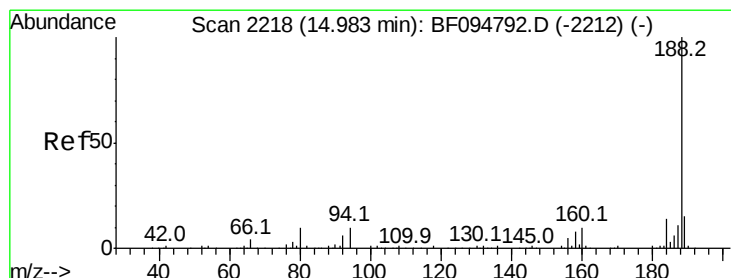
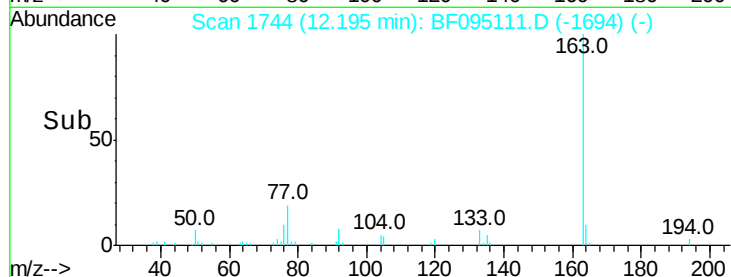
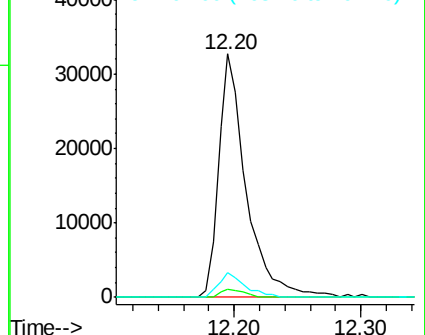
164 10.2 8.4 12.6



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: 14.95 min Scan# 2213

Delta R.T. 0.00 min

Lab File: BF095111.D

Acq: 12 May 2017 14:44

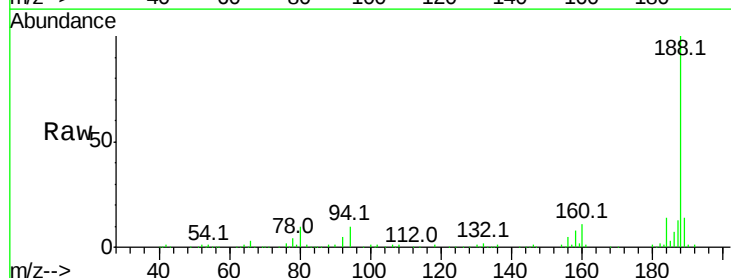
Tgt Ion:188 Resp: 320351

Ion Ratio Lower Upper

188 100

94 9.9 9.4 14.2

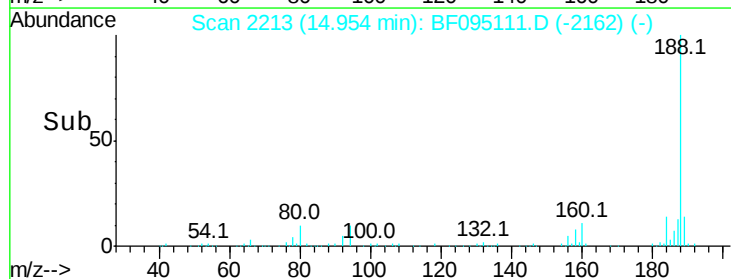
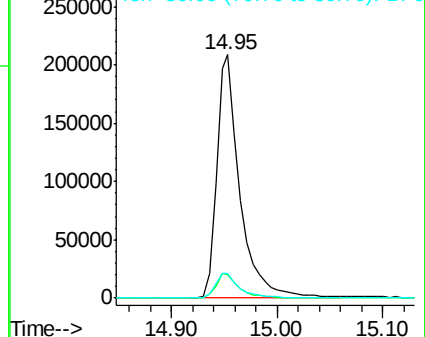
80 10.3 10.2 15.2

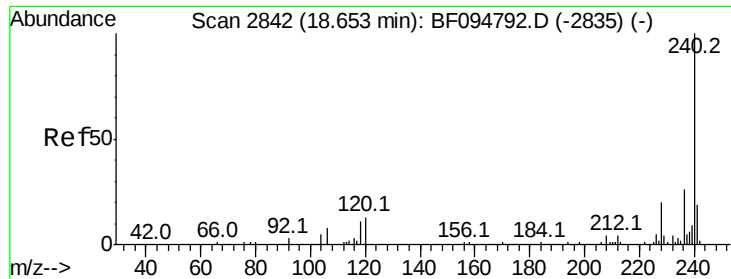


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

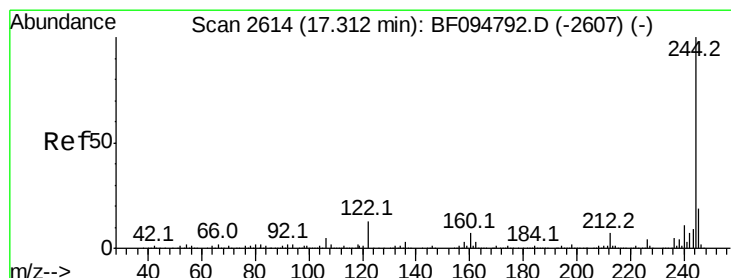
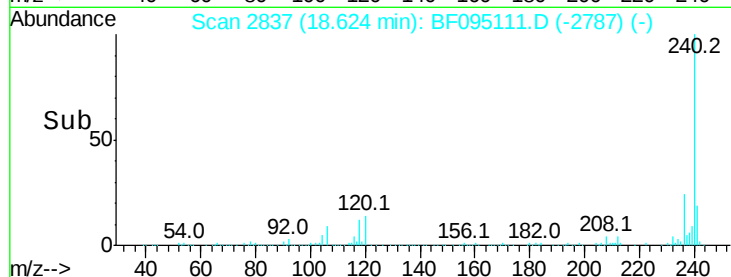
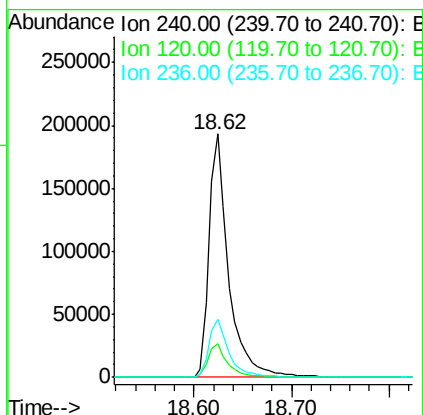
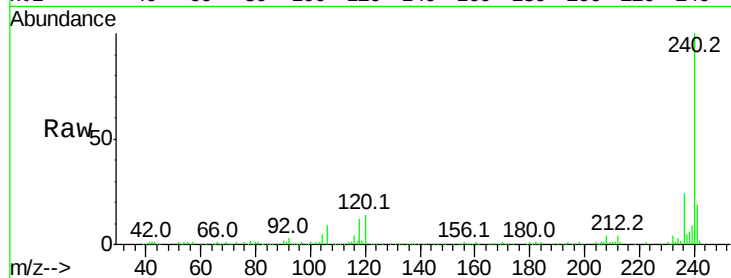




#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.62 min Scan# 2837
Delta R.T. -0.01 min
Lab File: BF095111.D
Acq: 12 May 2017 14:44

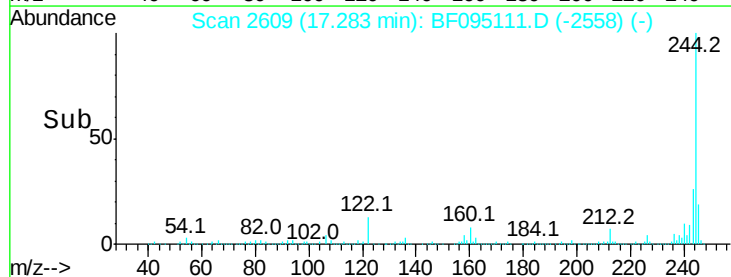
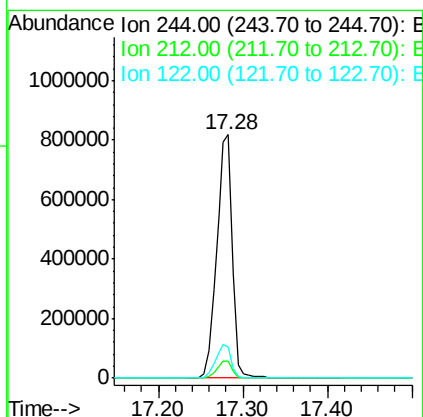
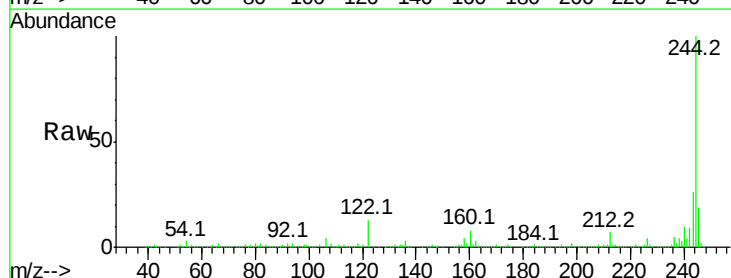
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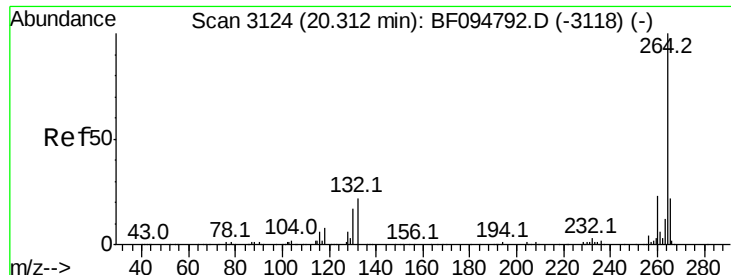
Tot Ion:240 Resp: 268940
Ion Ratio Lower Upper
240 100
120 13.6 5.8 8.8#
236 23.9 20.5 30.7



#78
Terphenyl-d14
Concen: 87.32 ng
RT: 17.28 min Scan# 2609
Delta R.T. 0.00 min
Lab File: BF095111.D
Acq: 12 May 2017 14:44

Tgt Ion:244 Resp: 1066227
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 12.7 10.3 15.5

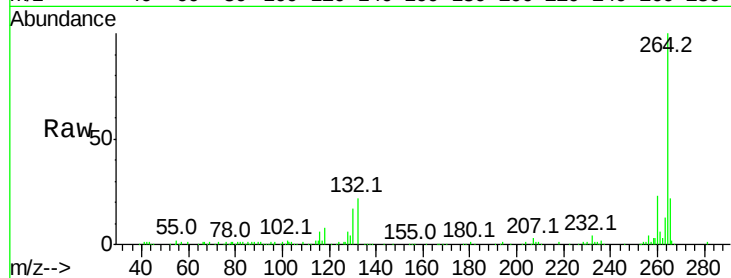




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.29 min Scan# 3121
 Delta R.T. 0.00 min
 Lab File: BF095111.D
 Acq: 12 May 2017 14:44

Instrument :
 BNA_F
 ClientSampleId :
 MW-5A-051017

Tot Ion:264 Resp: 189104
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.5 29.3
 265 22.0 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

