

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 :

Quant Time: May 12 17:59:23 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

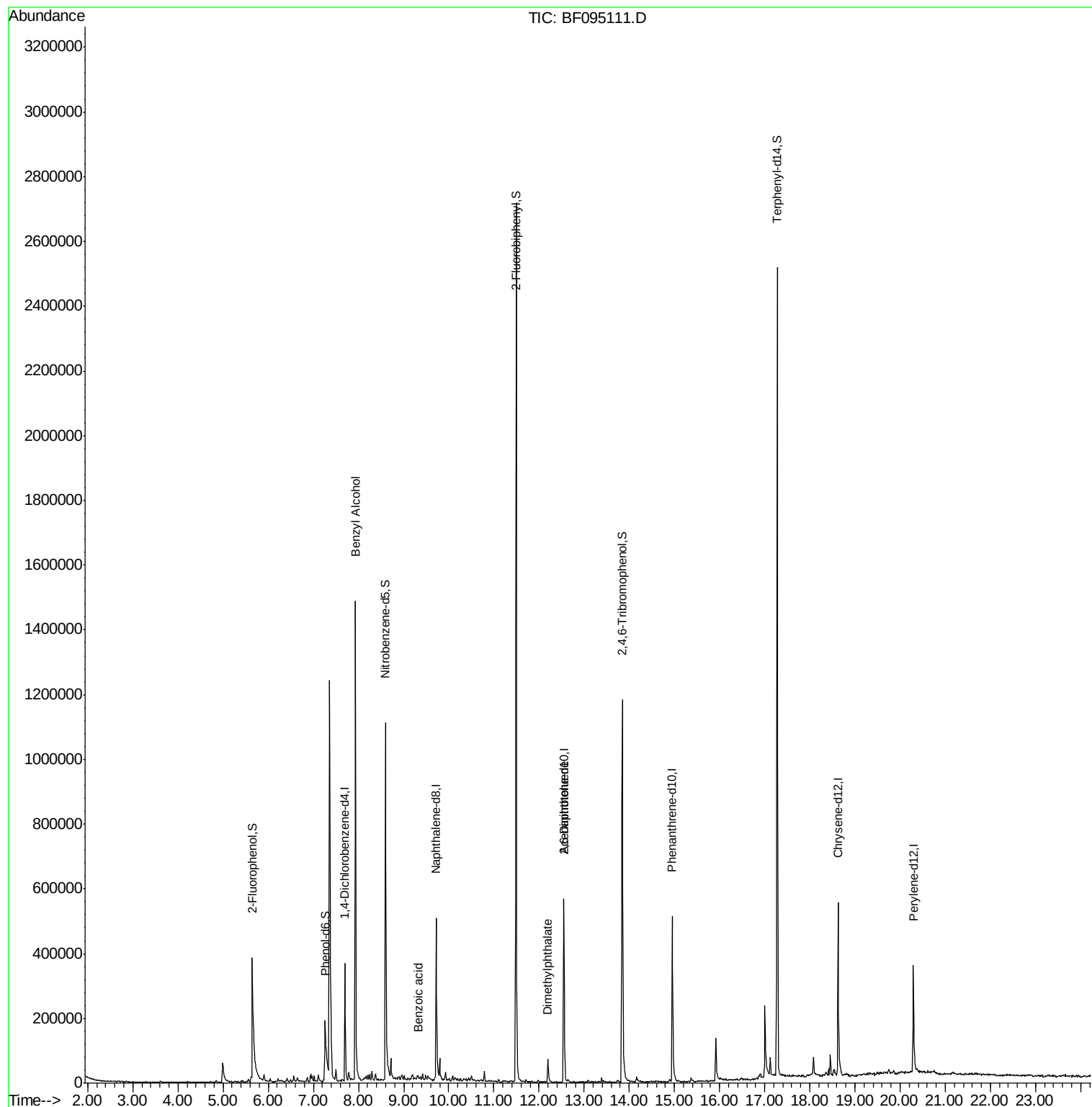
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	83697	20.00	ng	-0.04
21) Naphthalene-d8	9.72	136	374187	20.00	ng	-0.04
38) Acenaphthene-d10	12.55	164	175041	20.00	ng	-0.04
63) Phenanthrene-d10	14.95	188	320351	20.00	ng	-0.03
75) Chrysene-d12	18.62	240	268940	20.00	ng	-0.03
86) Perylene-d12	20.29	264	189104	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	316454	63.04	ng	-0.03
7) Phenol-d6	7.26	99	224436	37.26	ng	-0.02
23) Nitrobenzene-d5	8.60	82	558999	94.20	ng	-0.04
41) 2,4,6-Tribromophenol	13.85	330	216631	151.12	ng	-0.04
44) 2-Fluorobiphenyl	11.50	172	1147221	94.33	ng	-0.04
78) Terphenyl-d14	17.28	244	1066227	87.32	ng	-0.03
Target Compounds						
15) Benzyl Alcohol	7.93	79	8206	2.12	ng	# 45
32) Benzoic acid	9.34	122	260	5.15	ng	# 34
49) Dimethylphthalate	12.20	163	49534	3.45	ng	99
50) 2,6-Dinitrotoluene	12.55	165	17595	6.00	ng	# 31

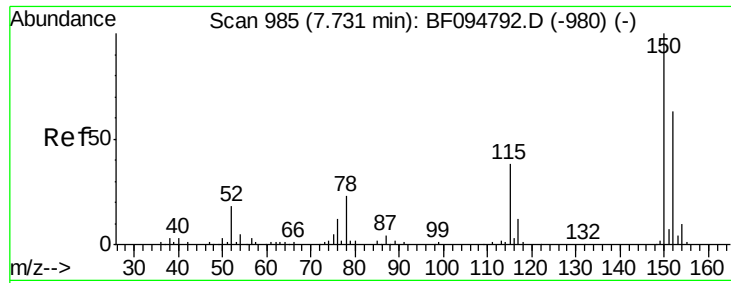
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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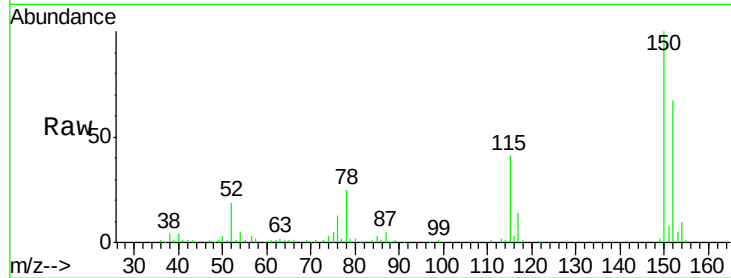


#1

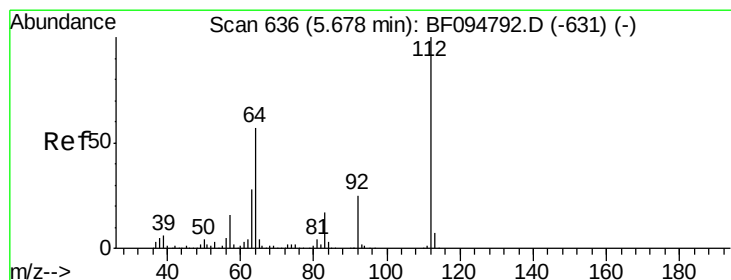
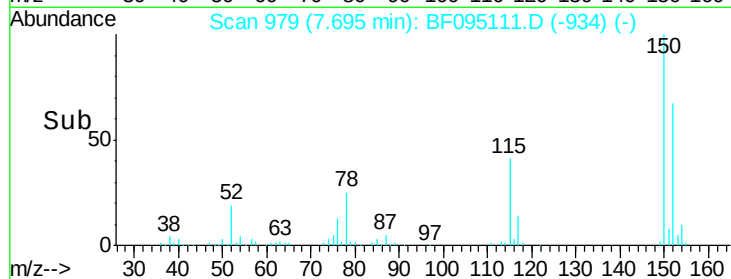
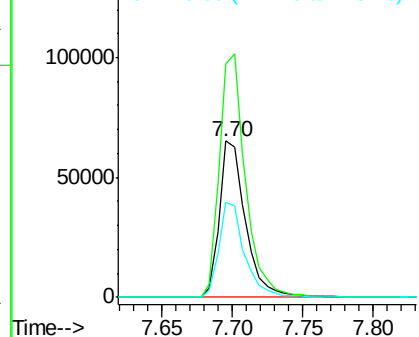
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.70 min Scan# 979
Delta R.T. -0.04 min
Lab File: BF095111.D
Acq: 12 May 2017 14:44

Instrument :
BNA_F
ClientSampled :

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



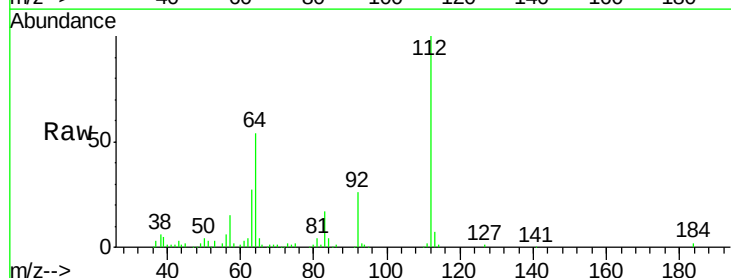
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



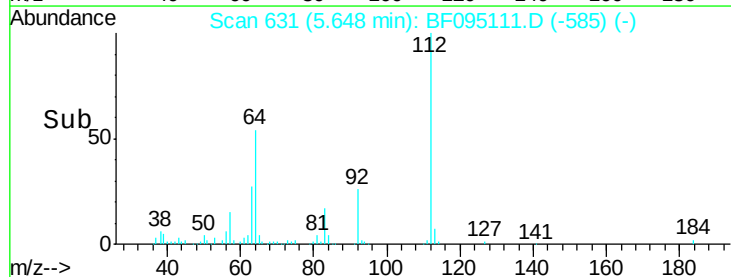
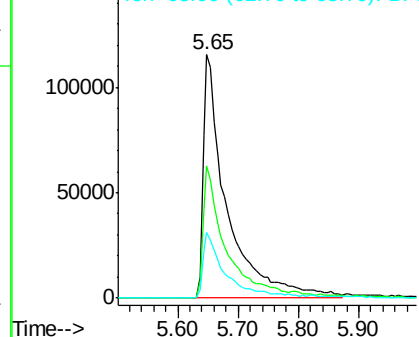
#5

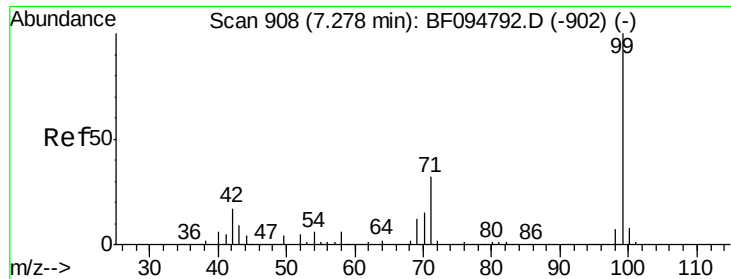
2-Fluorophenol
Concen: 63.04 ng
RT: 5.65 min Scan# 631
Delta R.T. -0.03 min
Lab File: BF095111.D
Acq: 12 May 2017 14:44

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. -0.02 min

Lab File: BF095111.D

Acq: 12 May 2017 14:44

Instrument :

BNA_F

ClientSampleId :

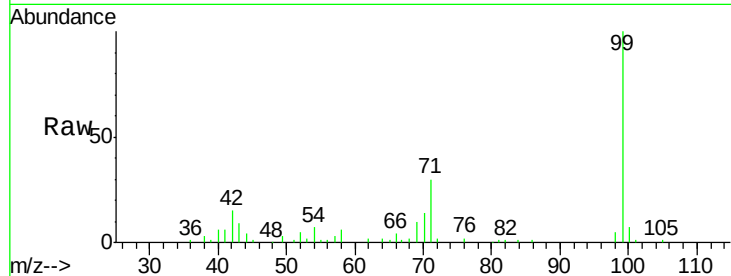
Tot Ion: 99 Resp: 224436

Ion Ratio Lower Upper

99 100

42 15.5 13.5 20.3

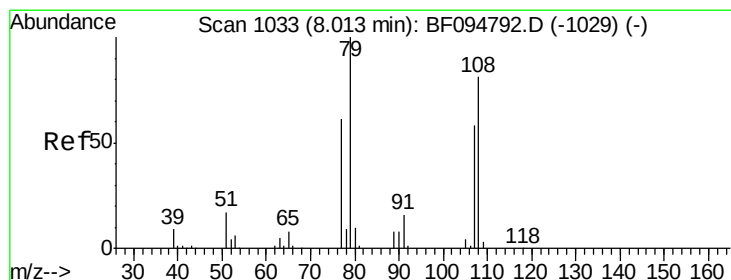
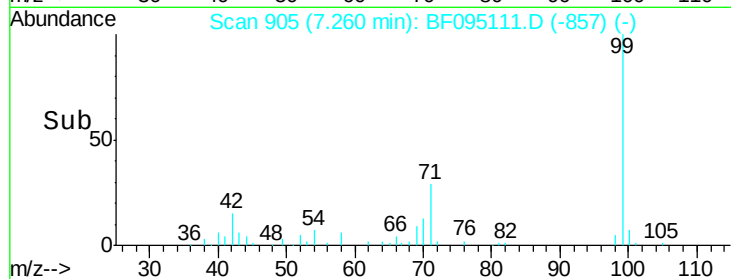
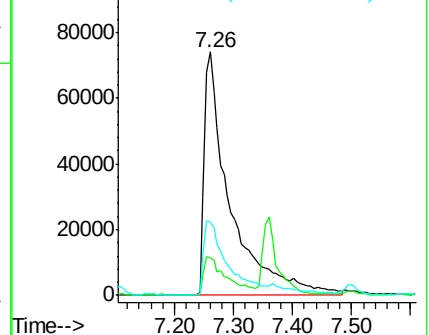
71 30.2 24.5 36.7



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



#15

Benzyl Alcohol

Concen: 2.12 ng

RT: 7.93 min Scan# 1019

Delta R.T. -0.08 min

Lab File: BF095111.D

Acq: 12 May 2017 14:44

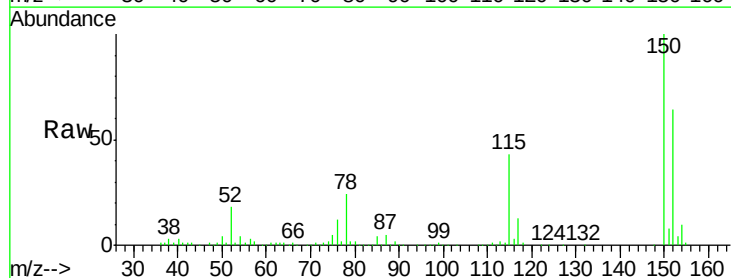
Tgt Ion: 79 Resp: 8206

Ion Ratio Lower Upper

79 100

108 24.7 63.4 95.0#

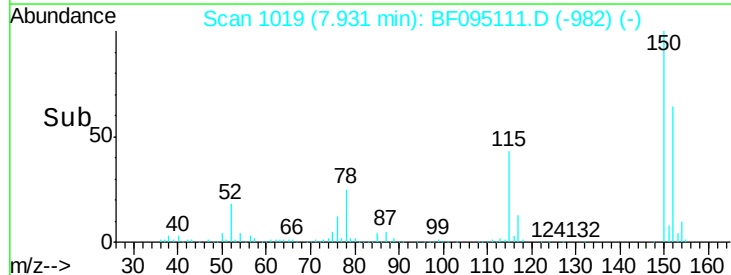
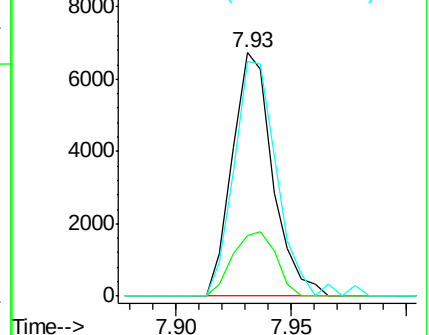
77 96.3 49.2 73.8#

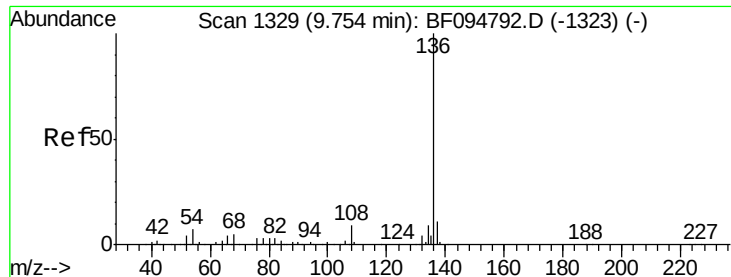


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

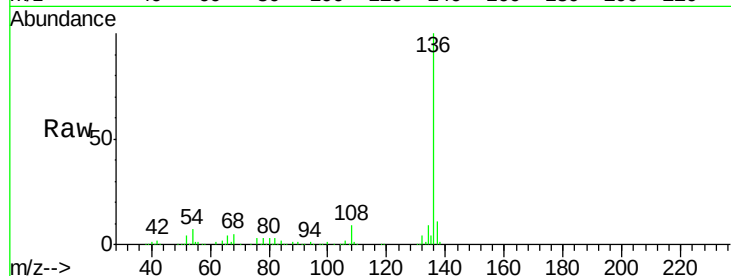




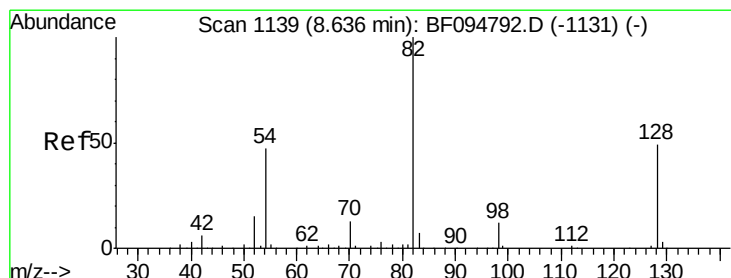
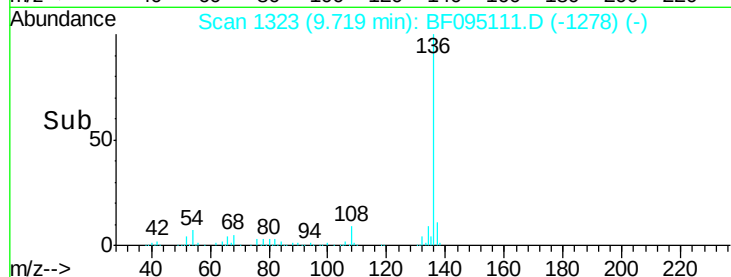
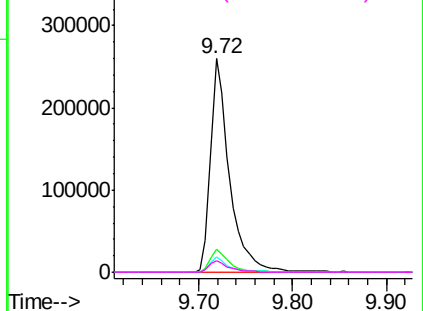
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.72 min Scan# 1323
Delta R.T. -0.04 min
Lab File: BF095111.D
Acq: 12 May 2017 14:44

Instrument :
BNA_F
ClientSampleId :

Tot 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

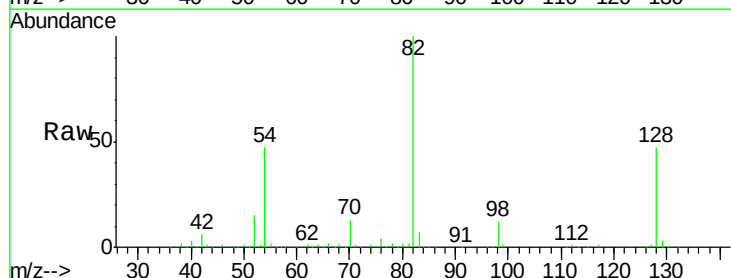


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

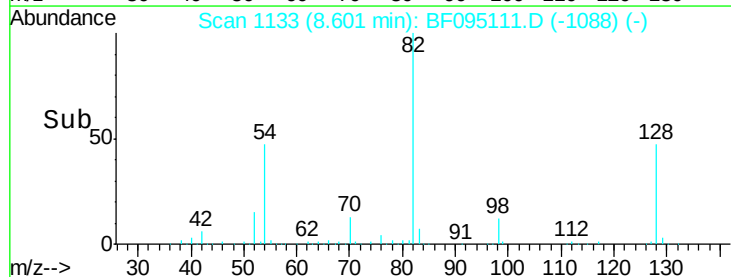
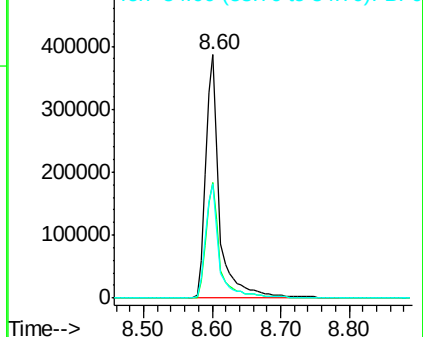


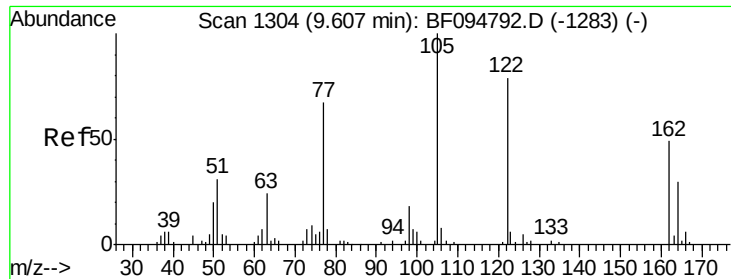
#23
Nitrobenzene-d5
Concen: 94.20 ng
RT: 8.60 min Scan# 1133
Delta R.T. -0.04 min
Lab File: BF095111.D
Acq: 12 May 2017 14:44

Tgt Ion: 82	Resp:	558999
Ion Ratio	Lower	Upper
82	100	
128	47.5	34.0 51.0
54	47.0	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

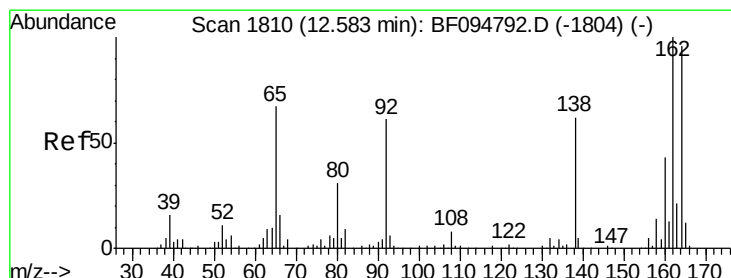
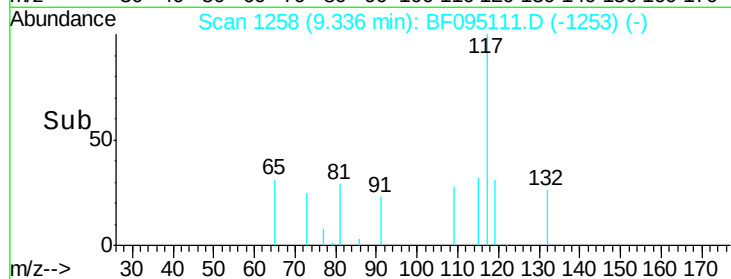
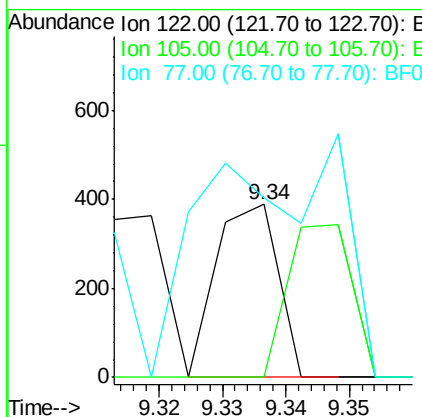
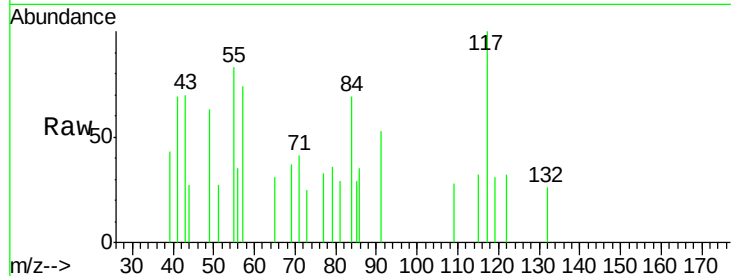




#32
Benzoic acid
Concen: 5.15 ng
RT: 9.34 min Scan# 1258
Delta R.T. -0.27 min
Lab File: BF095111.D
Acq: 12 May 2017 14:44

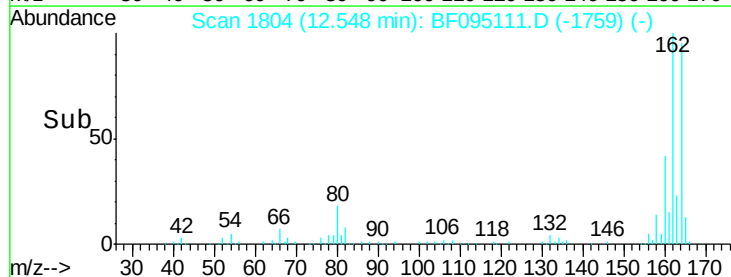
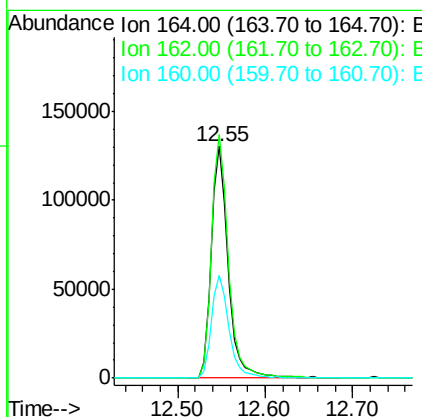
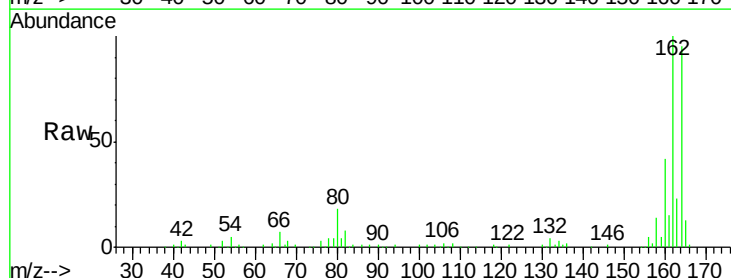
Instrument :
BNA_F
ClientSampled :

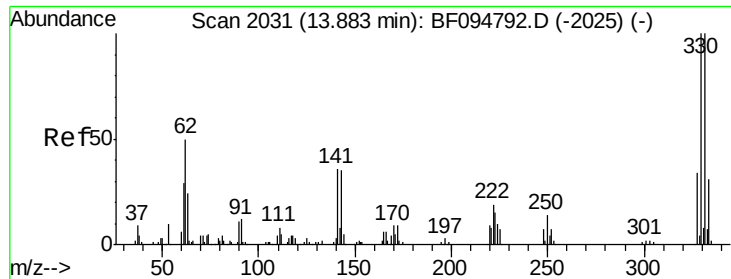
Tot Ion:122 Resp: 260
Ion Ratio Lower Upper
122 100
105 0.0 103.3 143.3#
77 103.6 73.7 113.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.55 min Scan# 1804
Delta R.T. -0.04 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

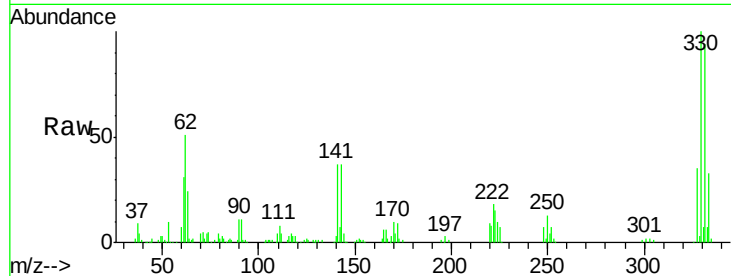




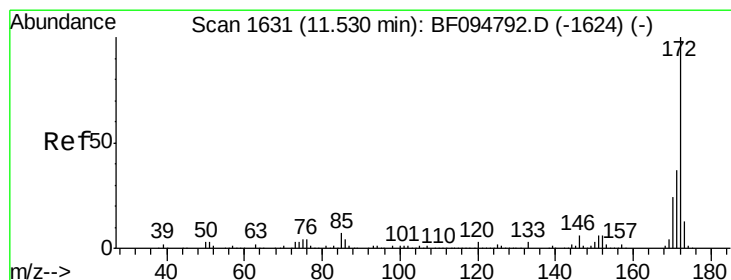
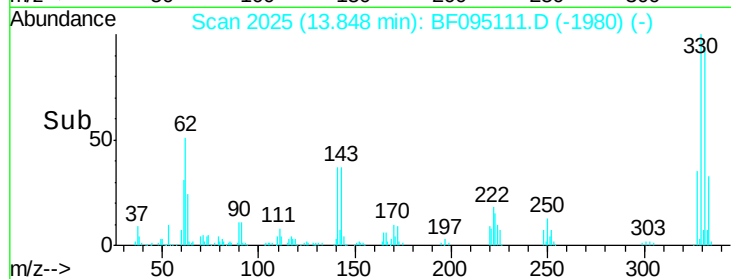
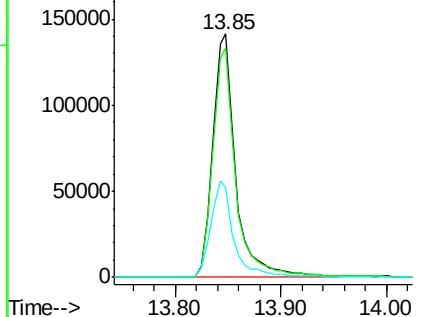
#41
 2,4,6-Tribromophenol
 Concen: 151.12 ng
 RT: 13.85 min Scan# 2025
 Delta R.T. -0.04 min
 Lab File: BF095111.D
 Acq: 12 May 2017 14:44

Instrument :
 BNA_F
 ClientSampleId :

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

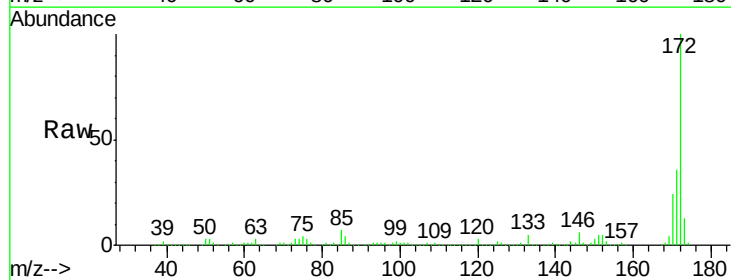


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

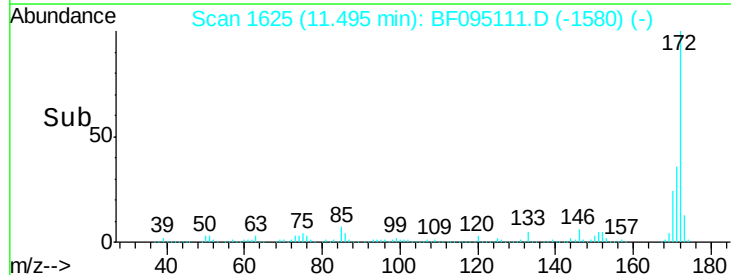
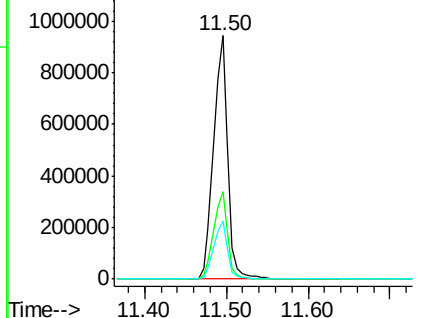


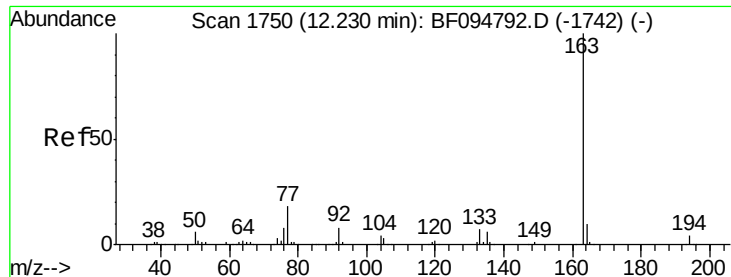
#44
 2-Fluorobiphenyl
 Concen: 94.33 ng
 RT: 11.50 min Scan# 1625
 Delta R.T. -0.04 min
 Lab File: BF095111.D
 Acq: 12 May 2017 14:44

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

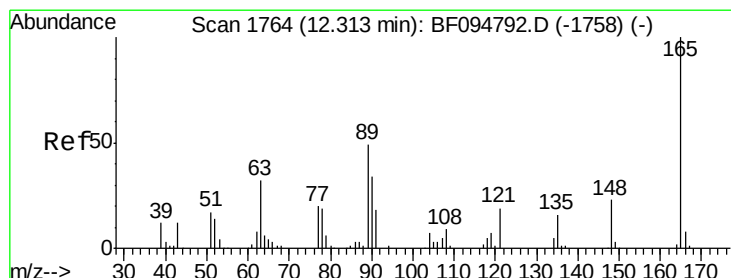
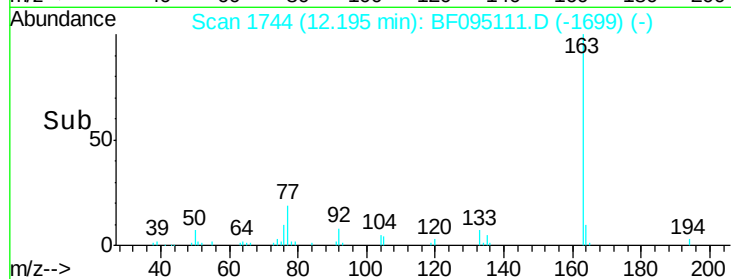
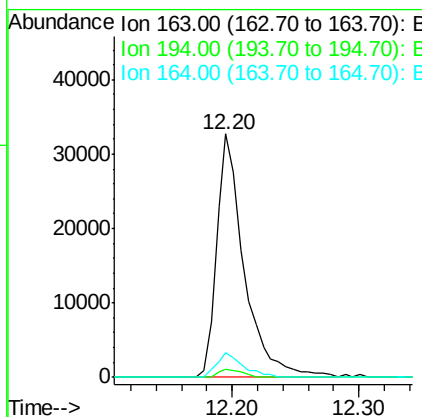
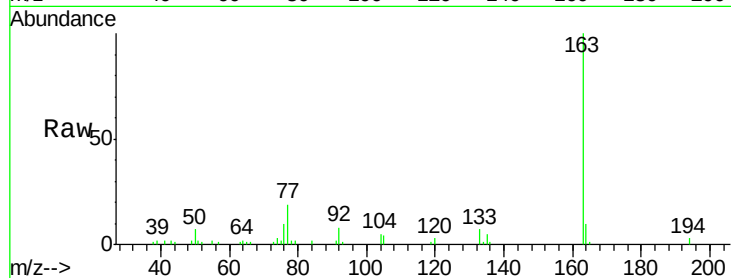




#49
Dimethylphthalate
Concen: 3.45 ng
RT: 12.20 min Scan# 1744
Delta R.T. -0.04 min
Lab File: BF095111.D
Acq: 12 May 2017 14:44

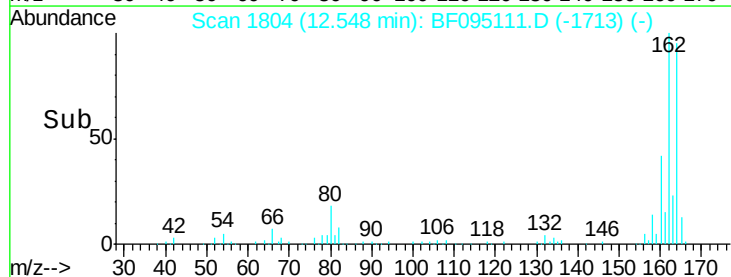
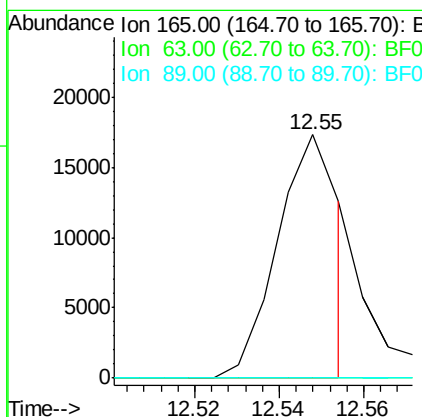
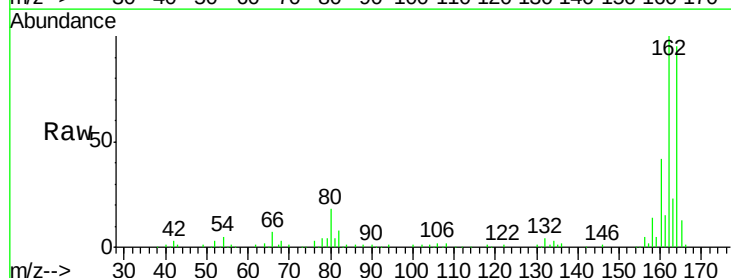
Instrument :
BNA_F
ClientSampleId :

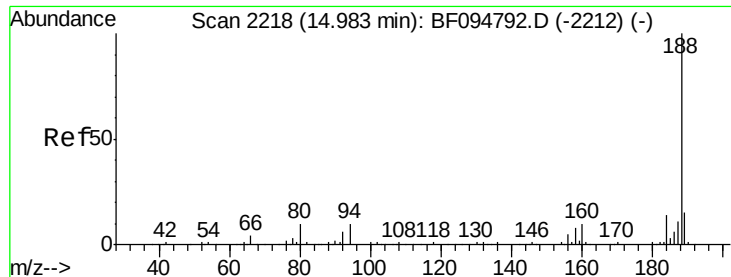
Tot Ion:163 Resp: 49534
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.2 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 6.00 ng
RT: 12.55 min Scan# 1804
Delta R.T. 0.24 min
Lab File: BF095111.D
Acq: 12 May 2017 14:44

Tgt Ion:165 Resp: 17595
Ion Ratio Lower Upper
165 100
63 0.0 34.3 51.5#
89 0.0 37.1 55.7#

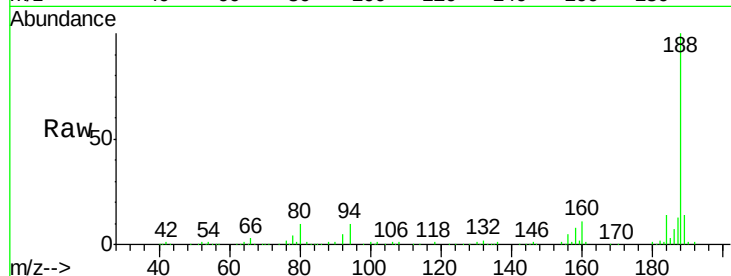




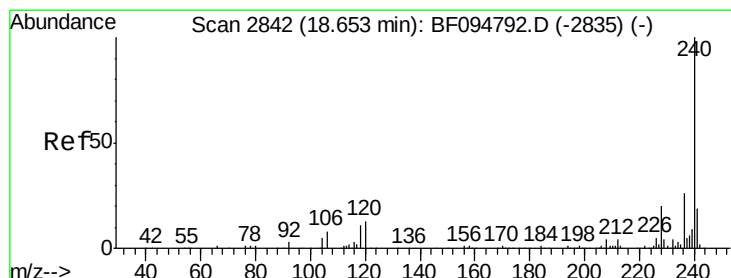
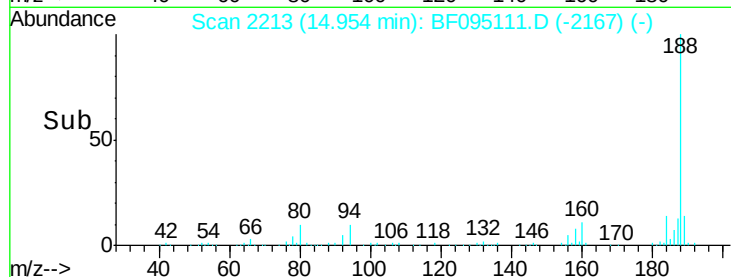
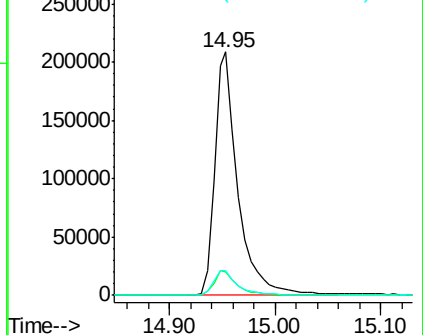
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.95 min Scan# 2213
Delta R.T. -0.03 min
Lab File: BF095111.D
Acq: 12 May 2017 14:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 320351
Ion Ratio Lower Upper
188 100
94 9.9 9.4 14.2
80 10.3 10.2 15.2

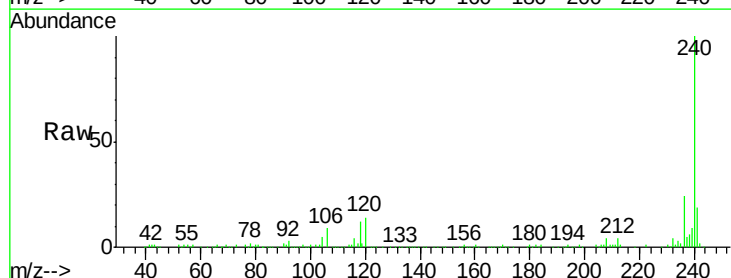


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

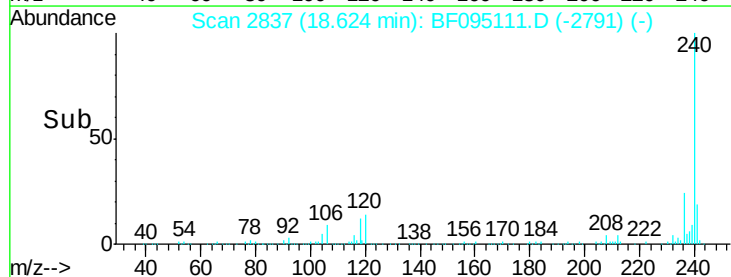
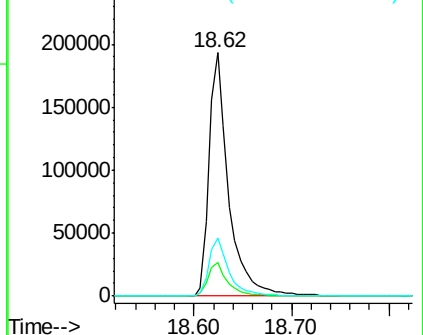


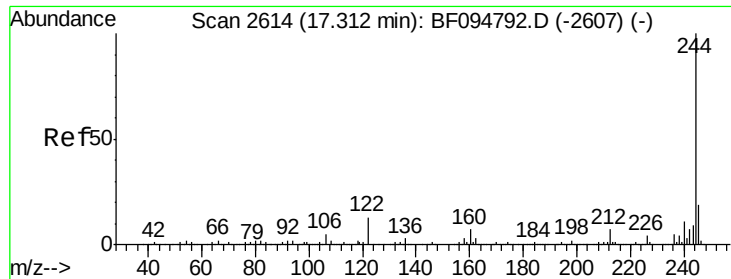
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.62 min Scan# 2837
Delta R.T. -0.03 min
Lab File: BF095111.D
Acq: 12 May 2017 14:44

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



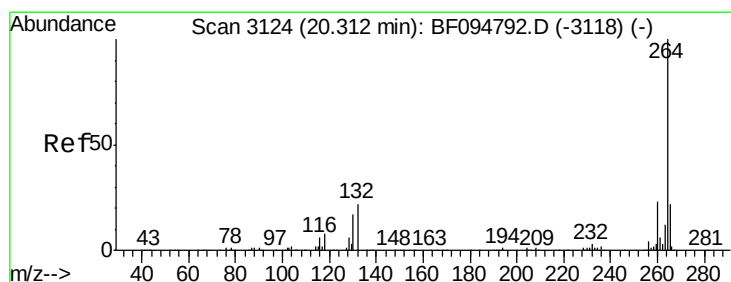
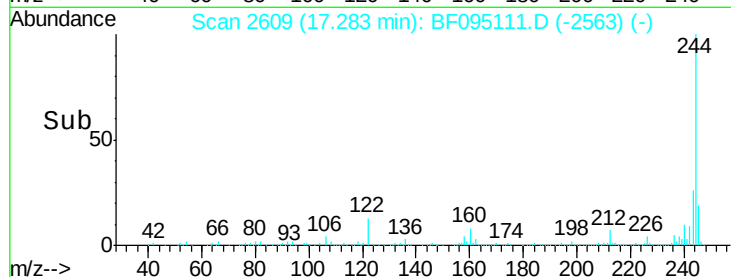
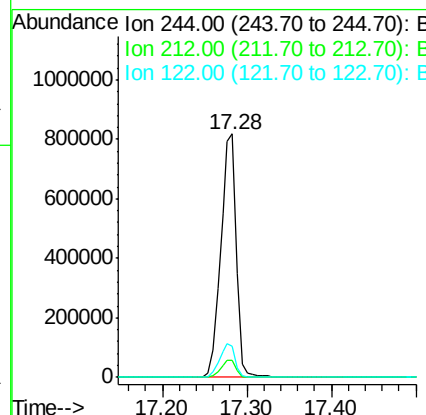
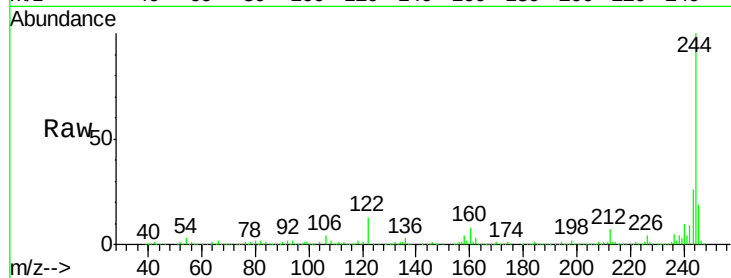


#78
 Terphenyl-d14
 Concen: 87.32 ng
 RT: 17.28 min Scan# 2609
 Delta R.T. -0.03 min
 Lab File: BF095111.D
 Acq: 12 May 2017 14:44

Instrument :
 BNA_F
 ClientSampleId :

Tot 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
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.29 min Scan# 3121
 Delta R.T. -0.02 min
 Lab File: BF095111.D
 Acq: 12 May 2017 14:44

Tgt Ion:264 Resp: 189104

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.5	29.3
265	22.0	17.2	25.8

