

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052217\
 Data File : BF095338.D
 Acq On : 23 May 2017 6:09
 Operator : SJ/MA
 Sample : I3249-24
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 23 07:40:17 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

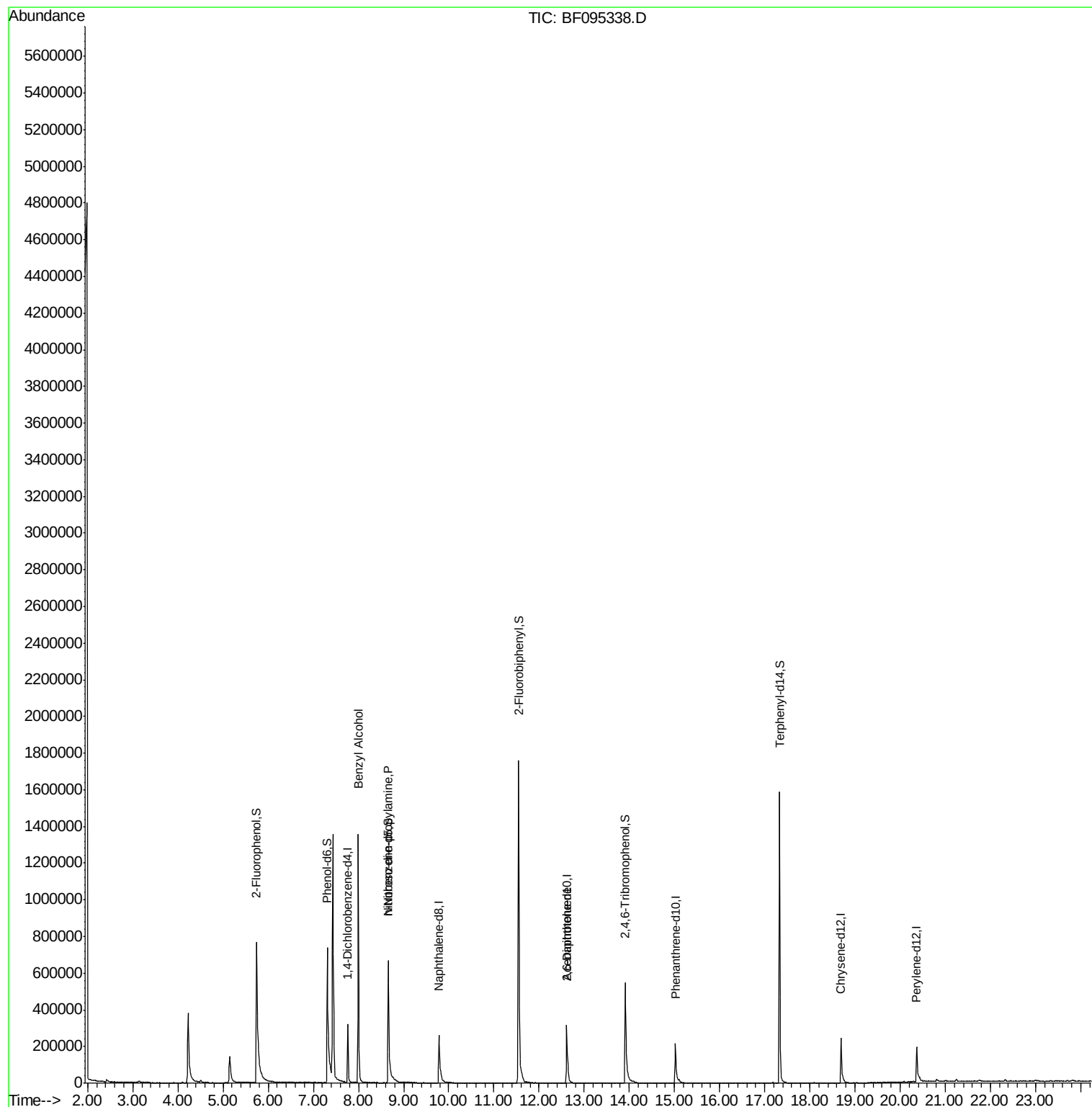
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	74460	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	315181	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	141320	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	178987	20.00	ng	0.00
75) Chrysene-d12	18.69	240	168945	20.00	ng	0.00
86) Perylene-d12	20.37	264	141865	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	659484	147.66	ng	0.00
7) Phenol-d6	7.31	99	696773	130.03	ng	0.00
23) Nitrobenzene-d5	8.66	82	469337	93.90	ng	-0.01
41) 2,4,6-Tribromophenol	13.91	330	146213	126.33	ng	0.00
44) 2-Fluorobiphenyl	11.55	172	1042465	106.17	ng	-0.01
78) Terphenyl-d14	17.33	244	675338	88.04	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	8.00	79	7025	2.04	ng	# 33
19) n-Nitroso-di-n-propylamine	8.66	70	52353	14.45	ng	# 75
50) 2,6-Dinitrotoluene	12.61	165	13772	5.82	ng	# 31

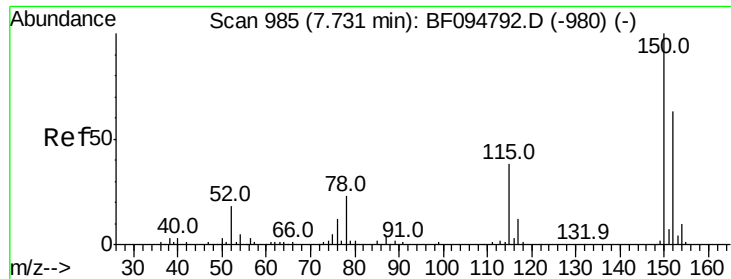
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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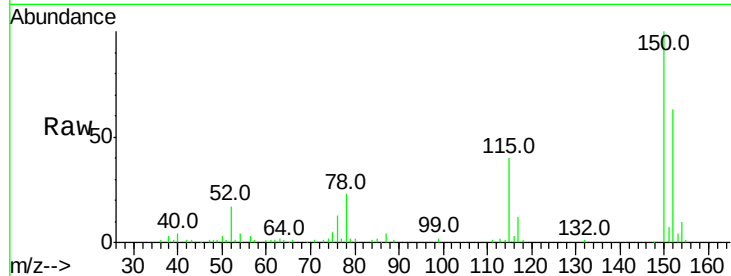


#1

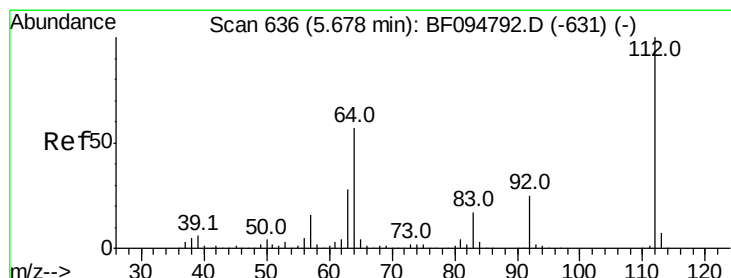
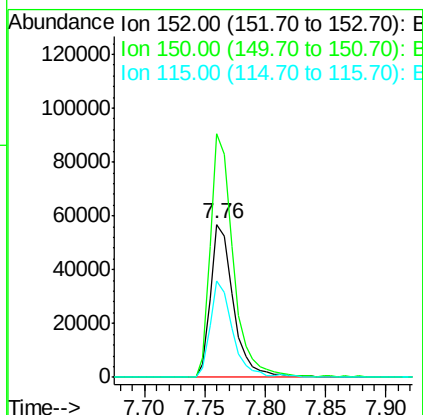
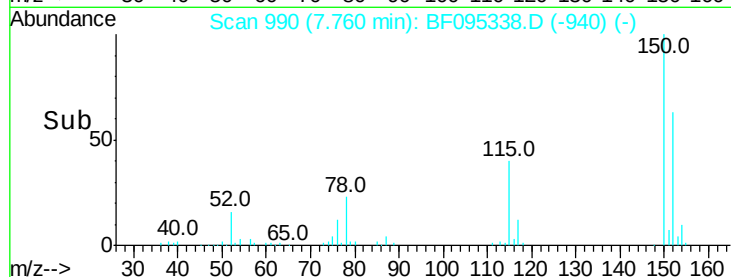
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF095338.D
Acq: 23 May 2017 6:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 74460
Ion Ratio Lower Upper
152 100
150 159.3 126.2 189.2
115 63.2 52.2 78.2



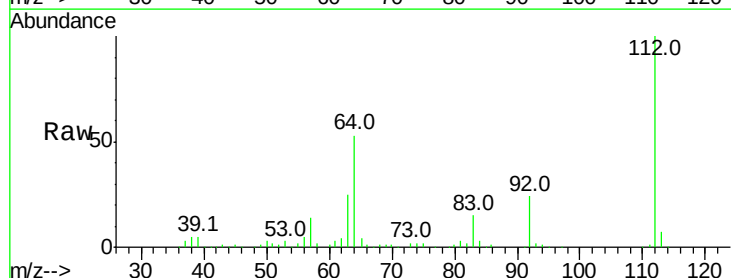
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



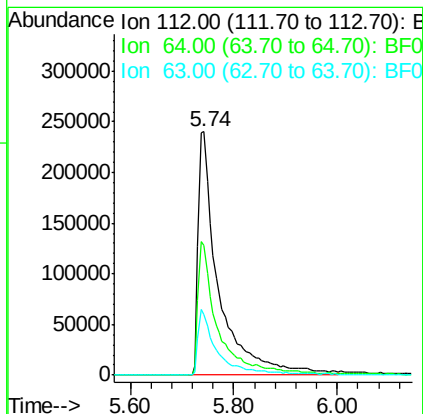
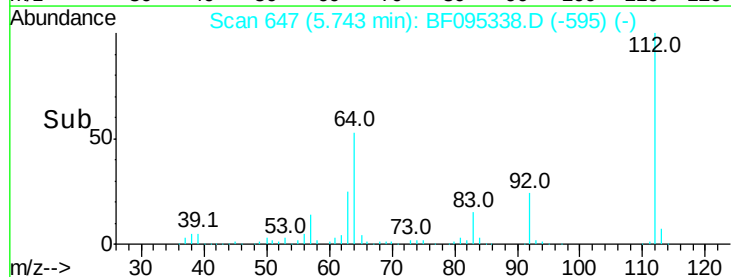
#5

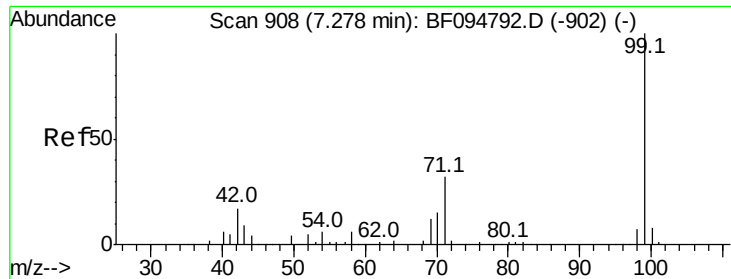
2-Fluorophenol
Concen: 147.66 ng
RT: 5.74 min Scan# 647
Delta R.T. 0.01 min
Lab File: BF095338.D
Acq: 23 May 2017 6:09

Tgt Ion:112 Resp: 659484
Ion Ratio Lower Upper
112 100
64 53.4 46.0 69.0
63 25.1 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: 130.03 ng

RT: 7.31 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF095338.D

Acq: 23 May 2017 6:09

Instrument :

BNA_F

ClientSampled :

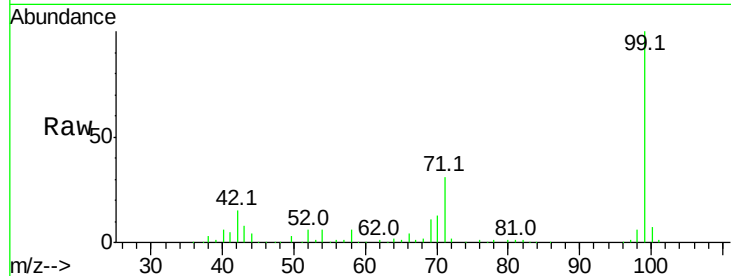
Tot Ion: 99 Resp: 696773

Ion Ratio Lower Upper

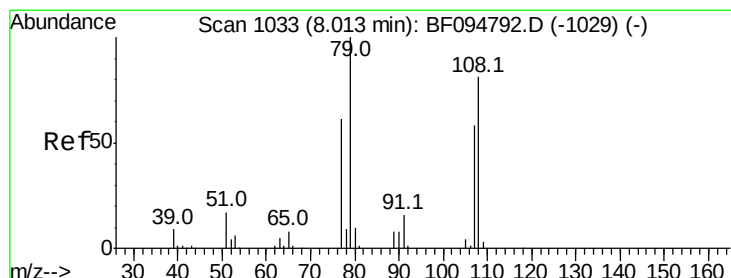
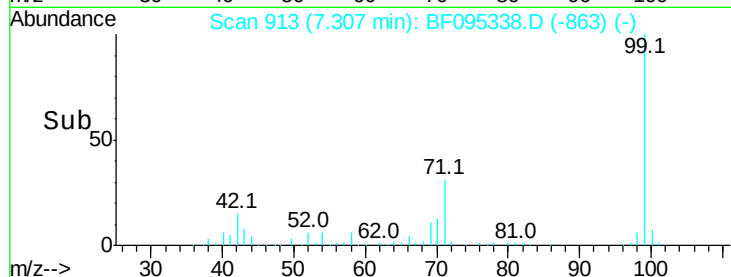
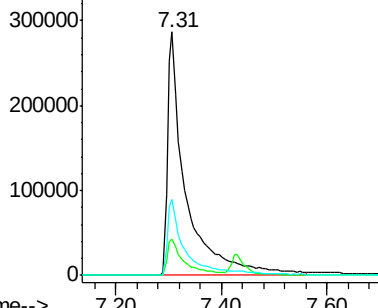
99 100

42 14.9 13.5 20.3

71 31.0 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: 2.04 ng

RT: 8.00 min Scan# 1030

Delta R.T. -0.06 min

Lab File: BF095338.D

Acq: 23 May 2017 6:09

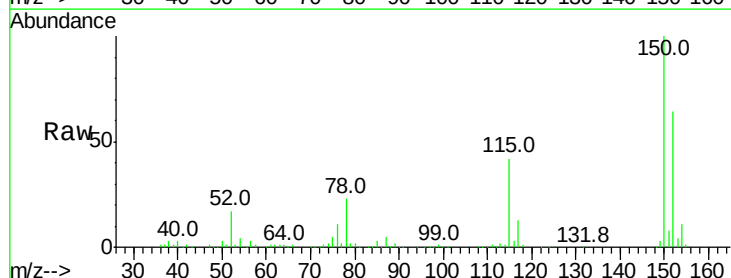
Tgt Ion: 79 Resp: 7025

Ion Ratio Lower Upper

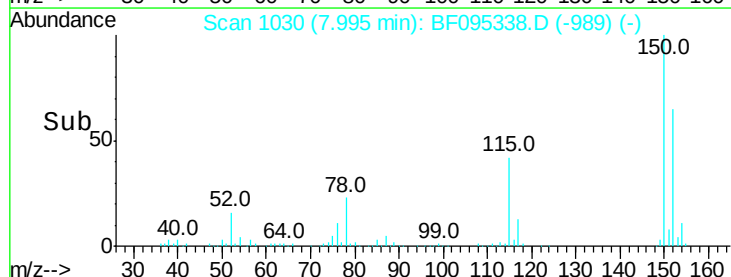
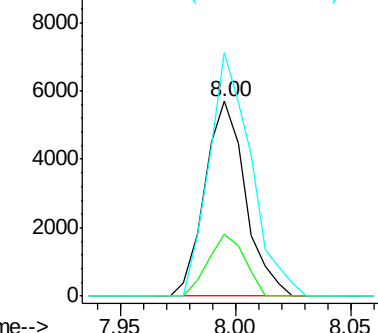
79 100

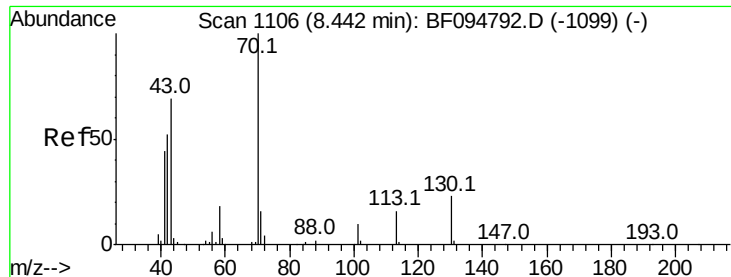
108 31.5 63.4 95.0#

77 125.2 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





#19

n-Nitroso-di-n-propylamine

Concen: 14.45 ng

RT: 8.66 min Scan# 1143

Delta R.T. 0.18 min

Lab File: BF095338.D

Acq: 23 May 2017 6:09

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 52353

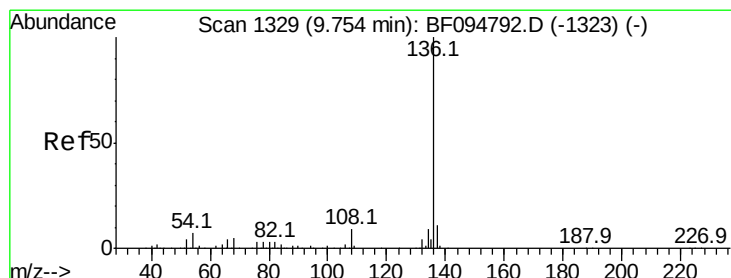
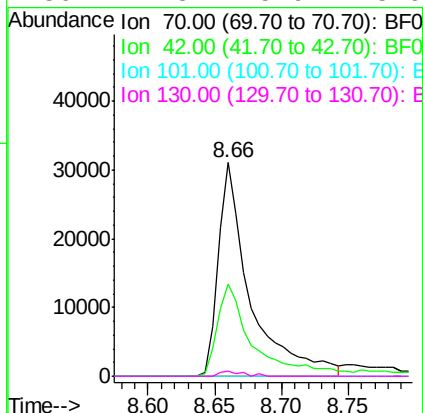
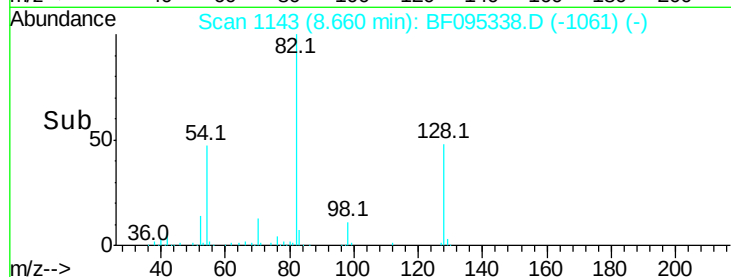
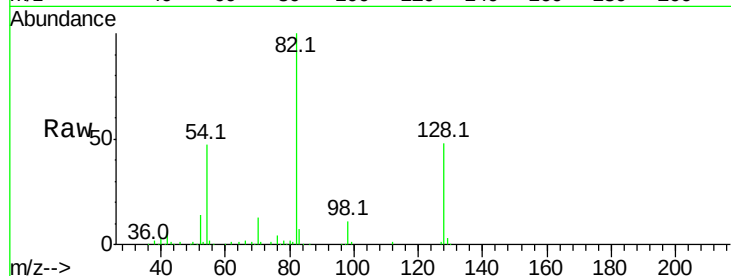
Ion Ratio Lower Upper

70 100

42 43.4 47.2 70.8#

101 0.0 7.2 10.8#

130 2.3 15.9 23.9#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.78 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF095338.D

Acq: 23 May 2017 6:09

Tgt Ion: 136 Resp: 315181

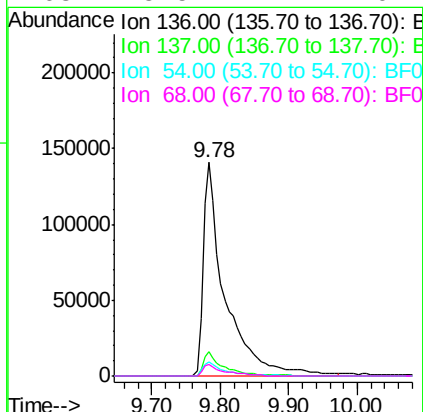
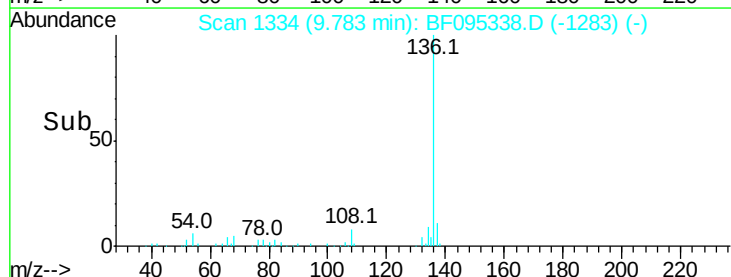
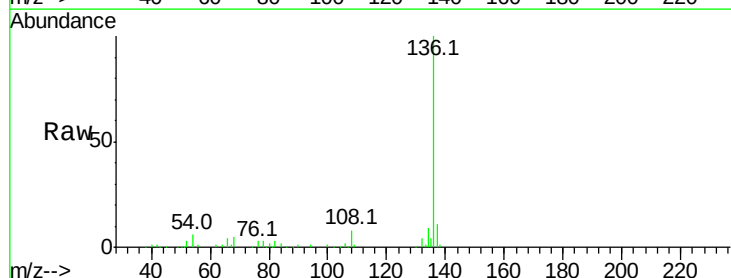
Ion Ratio Lower Upper

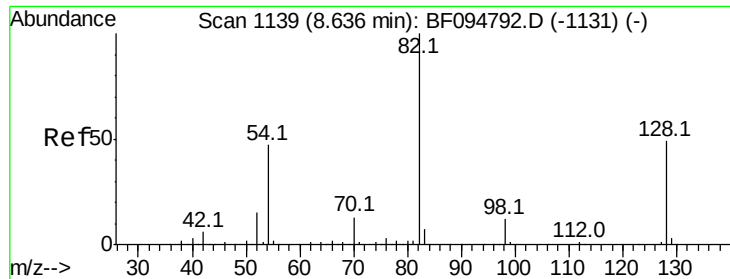
136 100

137 11.2 8.5 12.7

54 6.3 4.9 7.3

68 5.5 4.1 6.1

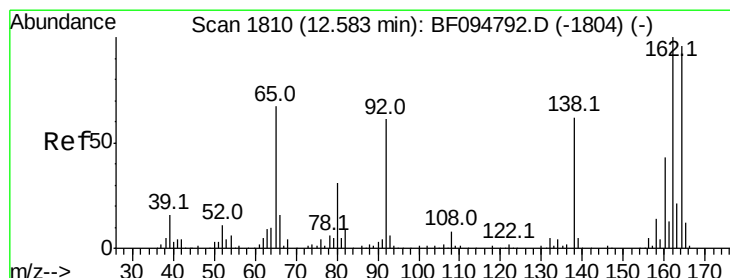
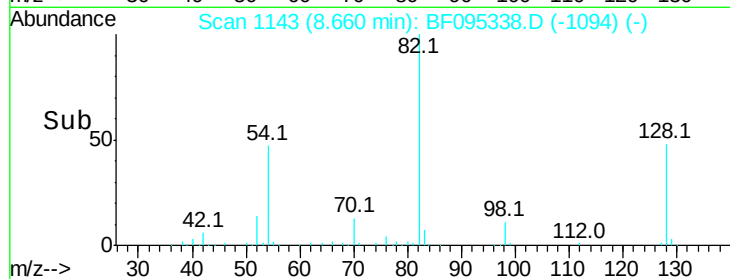
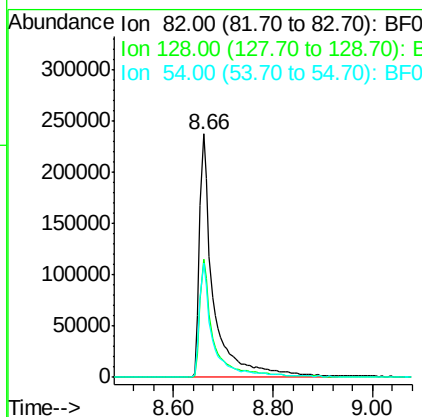
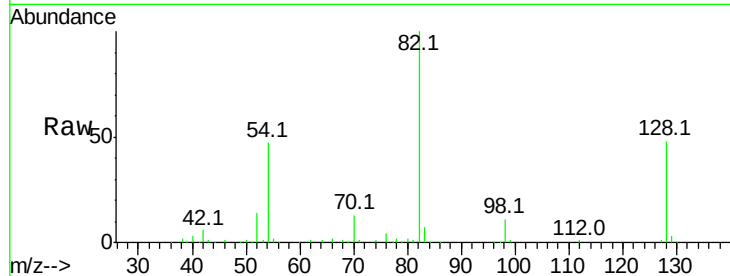




#23
 Nitrobenzene-d5
 Concen: 93.90 ng
 RT: 8.66 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF095338.D
 Acq: 23 May 2017 6:09

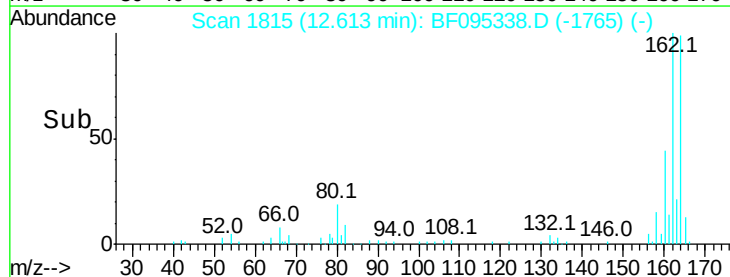
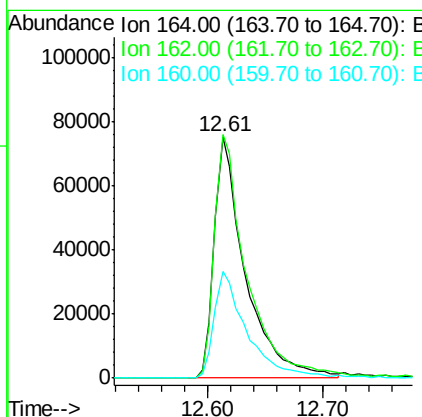
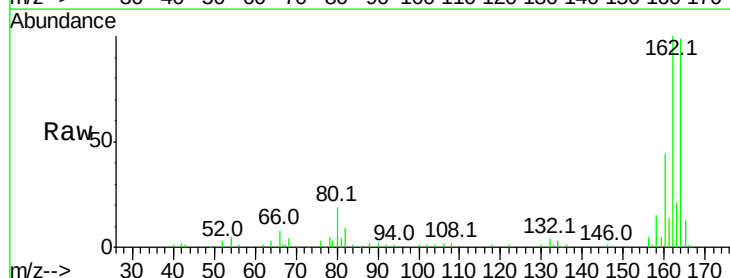
Instrument :
 BNA_F
 ClientSampleId :

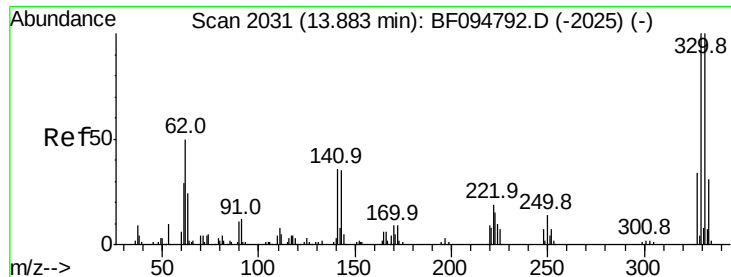
Tot Ion: 82 Resp: 469337
 Ion Ratio Lower Upper
 82 100
 128 48.3 34.0 51.0
 54 46.7 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.61 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BF095338.D
 Acq: 23 May 2017 6:09

Tgt Ion:164 Resp: 141320
 Ion Ratio Lower Upper
 164 100
 162 100.8 82.6 123.8
 160 44.4 36.2 54.2

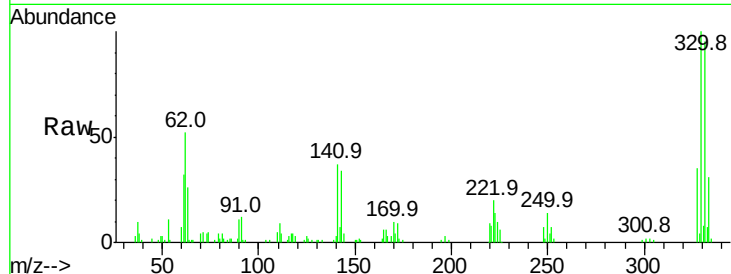




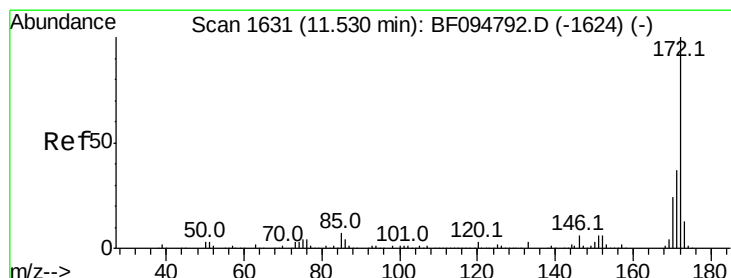
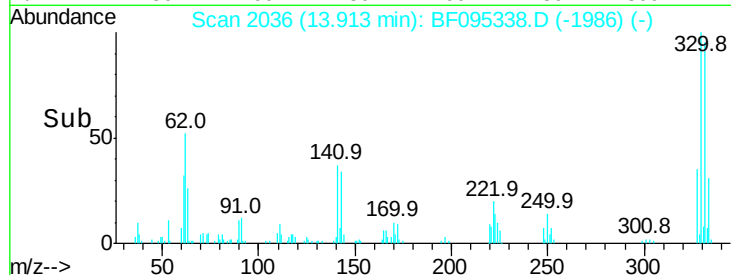
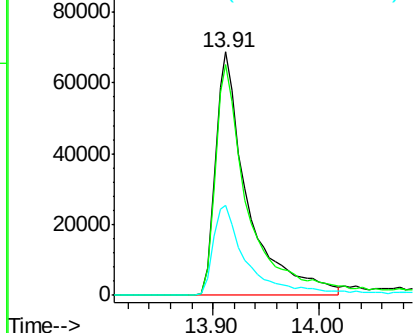
#41
 2,4,6-Tribromophenol
 Concen: 126.33 ng
 RT: 13.91 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF095338.D
 Acq: 23 May 2017 6:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 146213
 Ion Ratio Lower Upper
 330 100
 332 98.7 76.6 115.0
 141 39.1 31.4 47.2

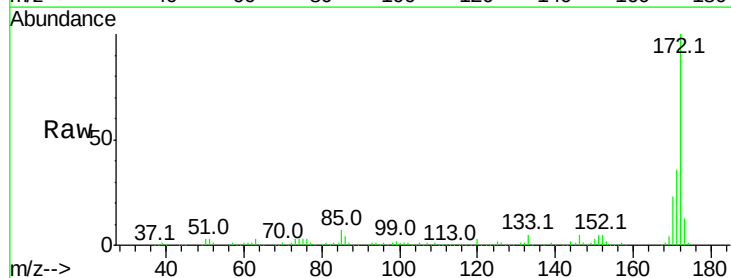


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

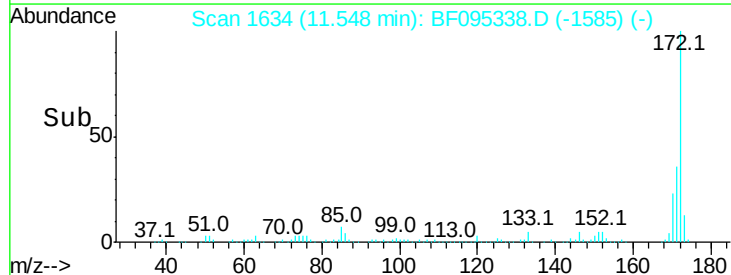
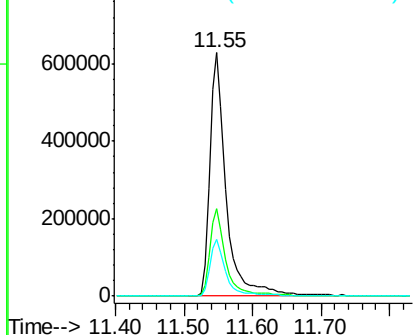


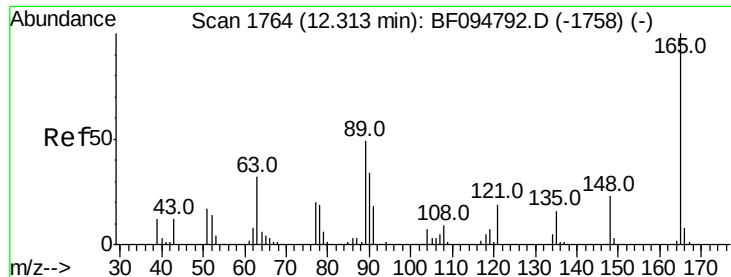
#44
 2-Fluorobiphenyl
 Concen: 106.17 ng
 RT: 11.55 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BF095338.D
 Acq: 23 May 2017 6:09

Tgt Ion:172 Resp: 1042465
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.6 44.4
 170 23.3 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

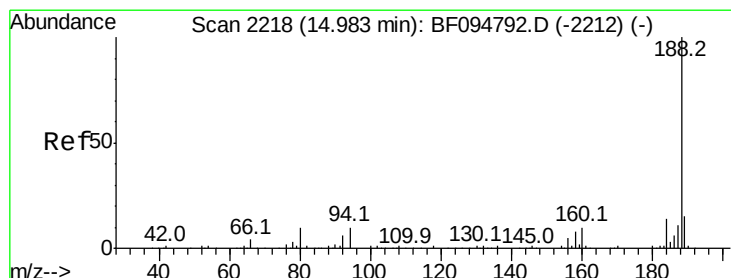
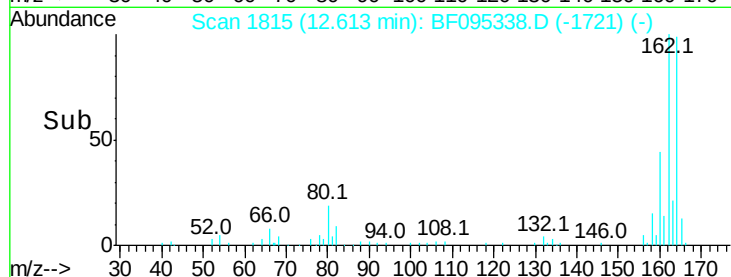
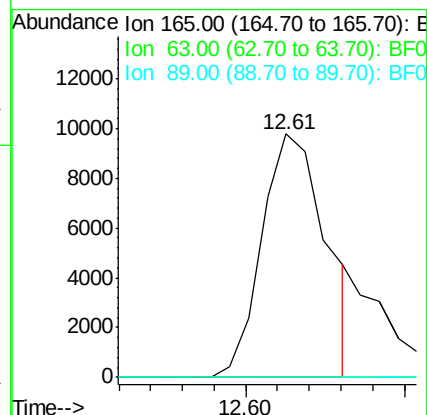
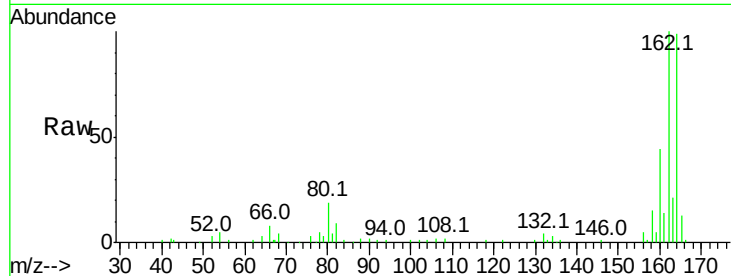




#50
 2,6-Dinitrotoluene
 Concen: 5.82 ng
 RT: 12.61 min Scan# 1815
 Delta R.T. 0.25 min
 Lab File: BF095338.D
 Acq: 23 May 2017 6:09

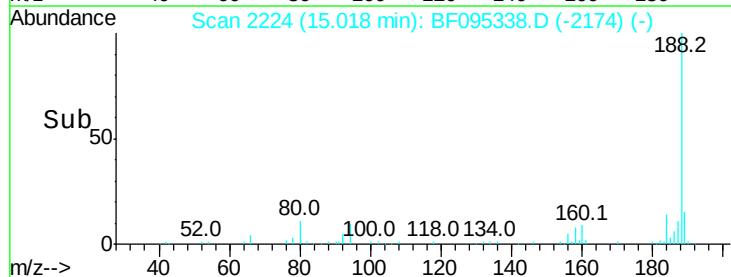
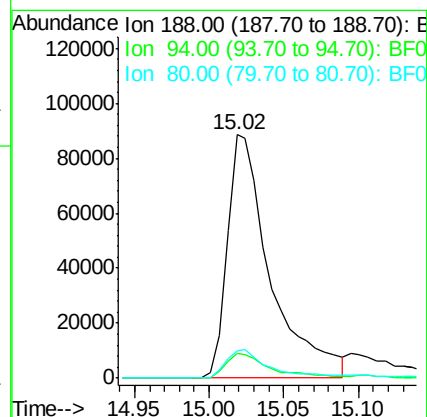
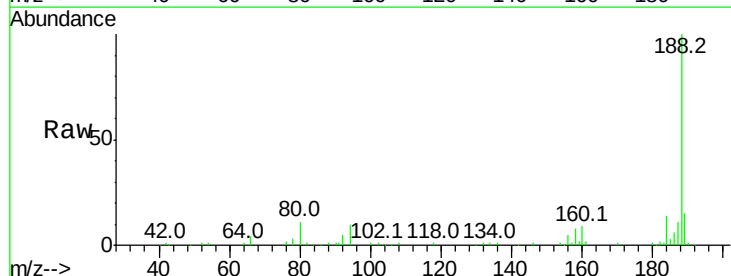
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 BNA_F
 ClientSampleId :

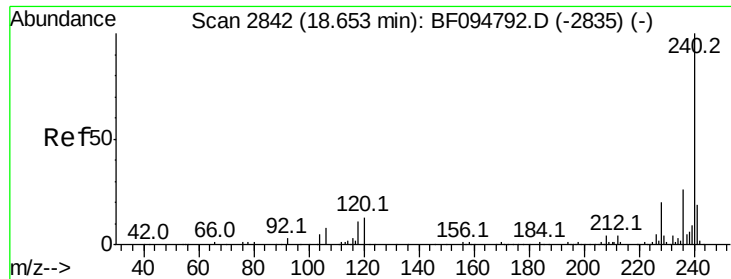
Tot Ion:165 Resp: 13772
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 0.0 37.1 55.7#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BF095338.D
 Acq: 23 May 2017 6:09

Tgt Ion:188 Resp: 178987
 Ion Ratio Lower Upper
 188 100
 94 10.4 9.4 14.2
 80 11.3 10.2 15.2

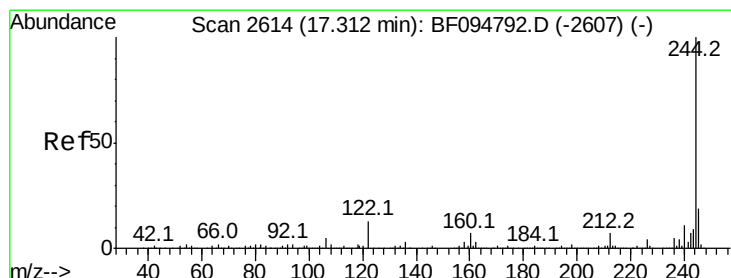
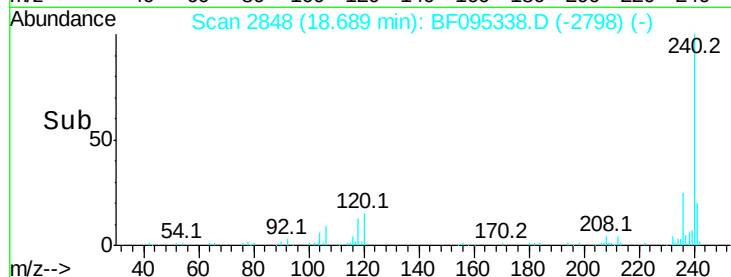
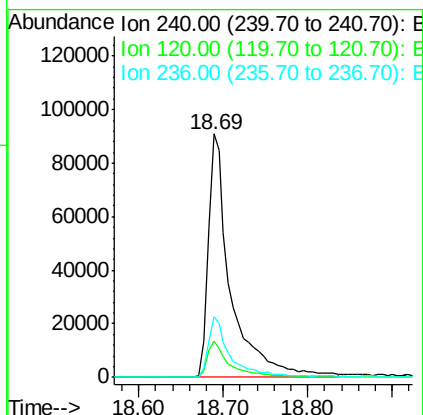
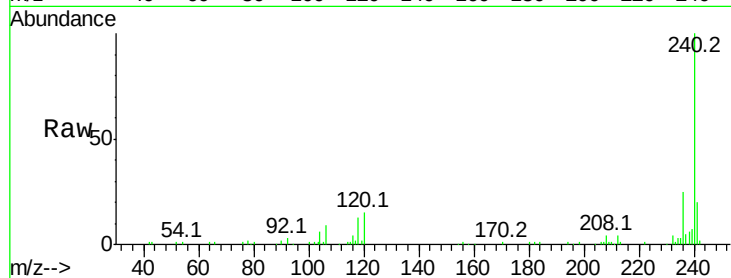




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.69 min Scan# 2848
 Delta R.T. -0.01 min
 Lab File: BF095338.D
 Acq: 23 May 2017 6:09

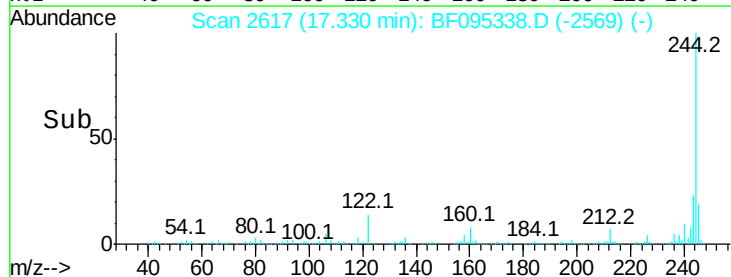
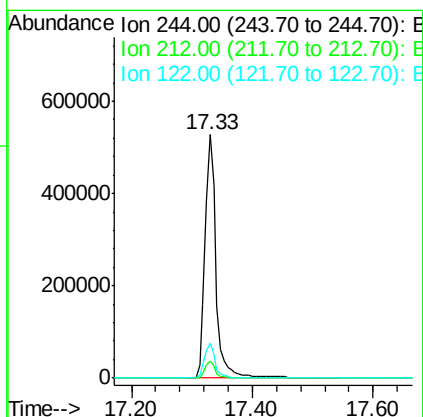
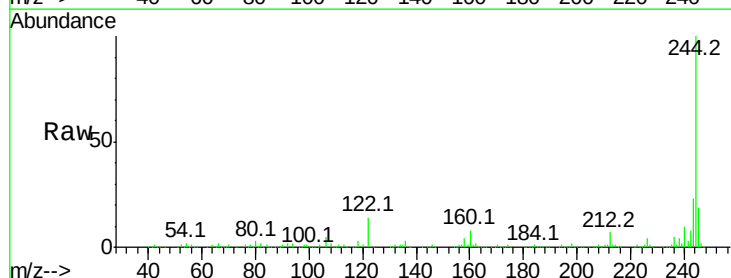
Instrument :
 BNA_F
 ClientSampleId :

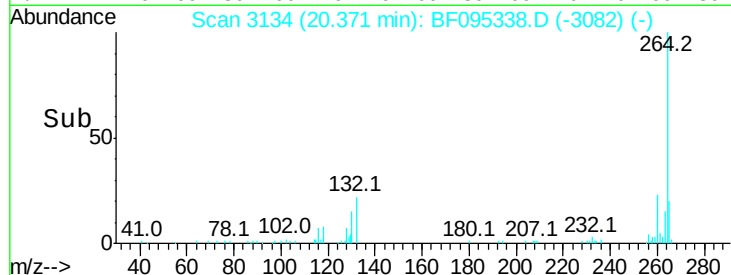
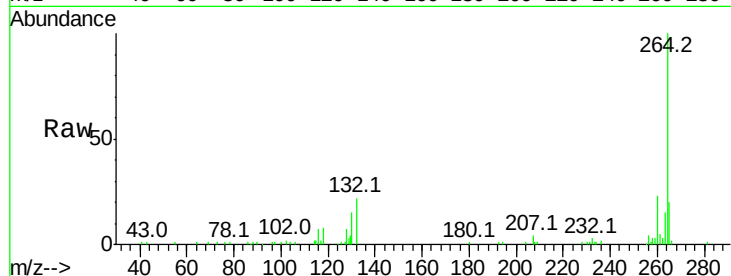
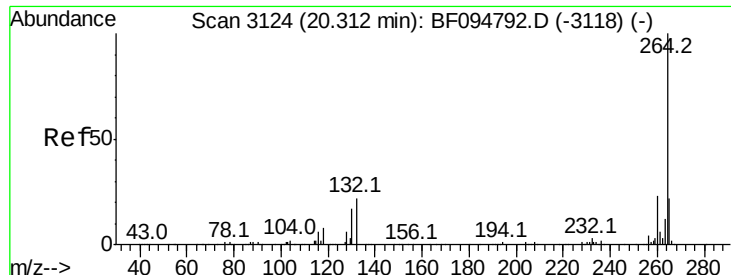
Tot Ion:240 Resp: 168945
 Ion Ratio Lower Upper
 240 100
 120 15.1 5.8 8.8#
 236 24.7 20.5 30.7



#78
 Terphenyl-d14
 Concen: 88.04 ng
 RT: 17.33 min Scan# 2617
 Delta R.T. -0.02 min
 Lab File: BF095338.D
 Acq: 23 May 2017 6:09

Tgt Ion:244 Resp: 675338
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 14.3 10.3 15.5





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.37 min Scan# 3134
 Delta R.T. 0.01 min
 Lab File: BF095338.D
 Acq: 23 May 2017 6:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	141865
Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.5	29.3
265	20.2	17.2	25.8

