

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052217\
 Data File : BF095334.D
 Acq On : 23 May 2017 4:02
 Operator : SJ/MA
 Sample : I3249-32
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 23 05:02:44 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

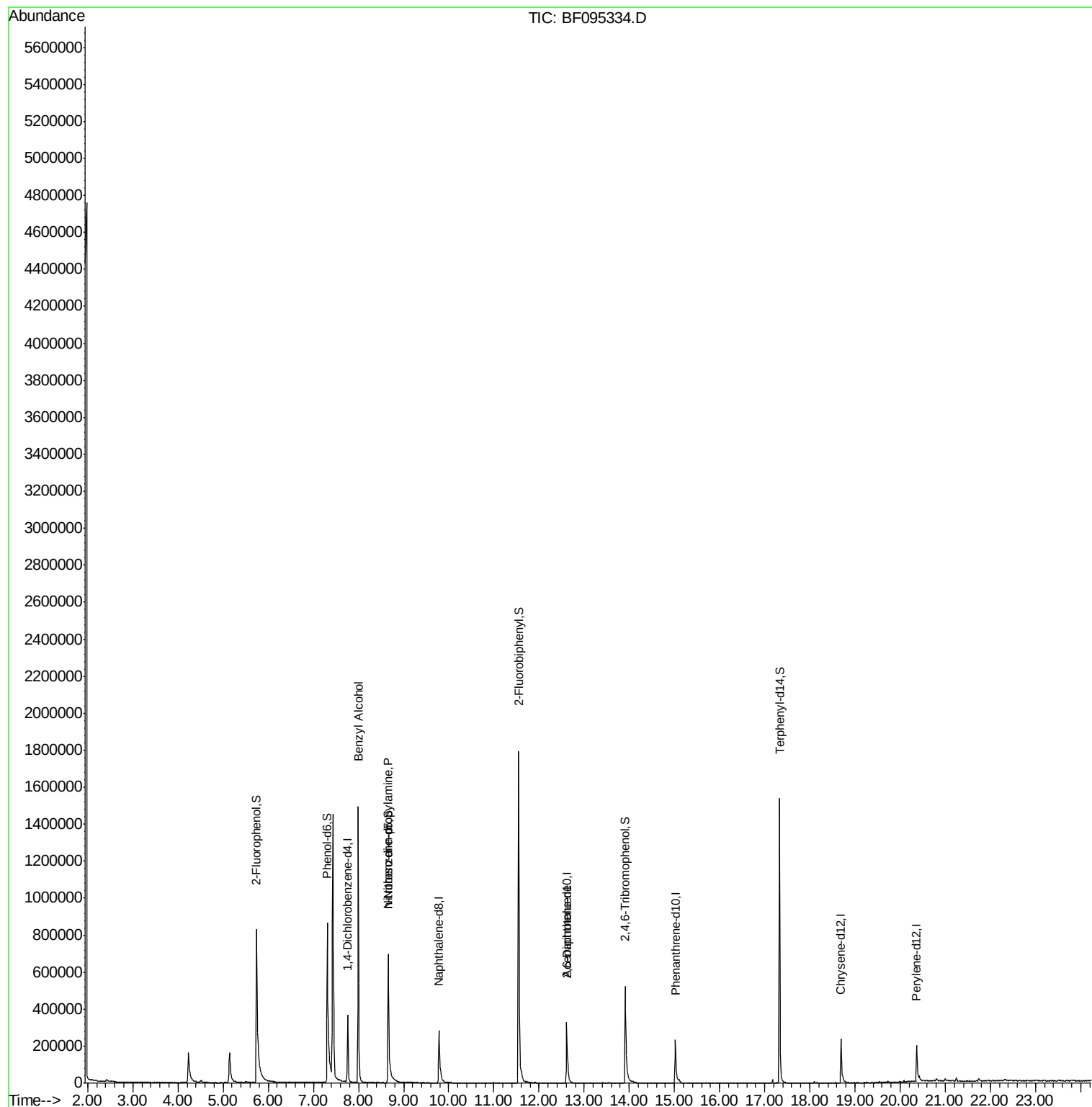
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	85126	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	330562	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	144247	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	178393	20.00	ng	0.00
75) Chrysene-d12	18.69	240	167585	20.00	ng	0.00
86) Perylene-d12	20.36	264	135686	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	655964	128.47	ng	0.00
7) Phenol-d6	7.31	99	787395	128.53	ng	0.00
23) Nitrobenzene-d5	8.66	82	472054	90.05	ng	-0.01
41) 2,4,6-Tribromophenol	13.91	330	139849	118.38	ng	0.00
44) 2-Fluorobiphenyl	11.55	172	1050292	104.80	ng	-0.01
78) Terphenyl-d14	17.33	244	655461	86.15	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	8.00	79	7964	2.02	ng	# 42
19) n-Nitroso-di-n-propylamine	8.66	70	54612	13.18	ng	# 73
50) 2,6-Dinitrotoluene	12.61	165	13861	5.74	ng	# 31

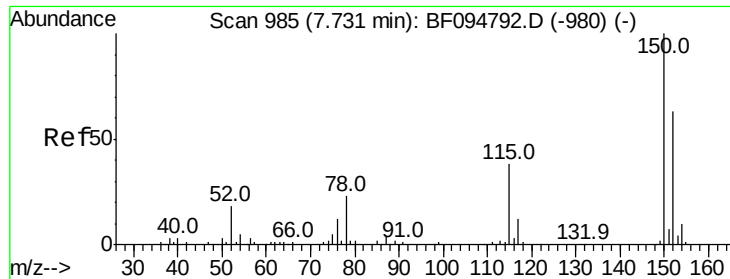
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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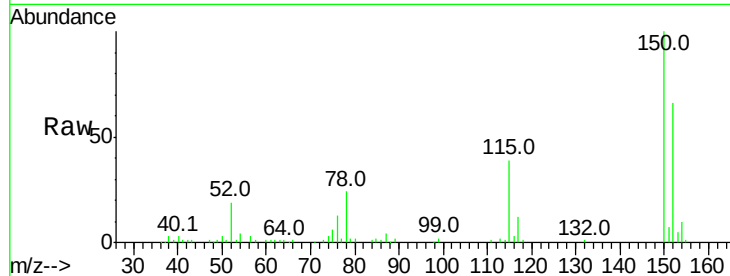


#1

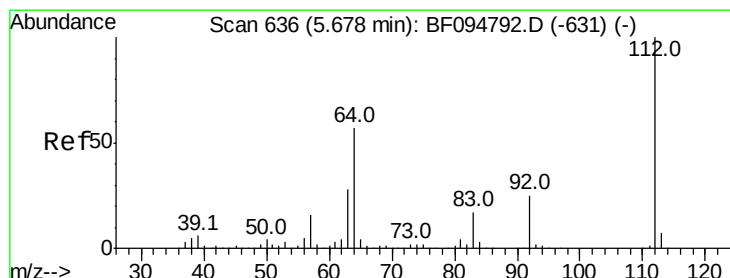
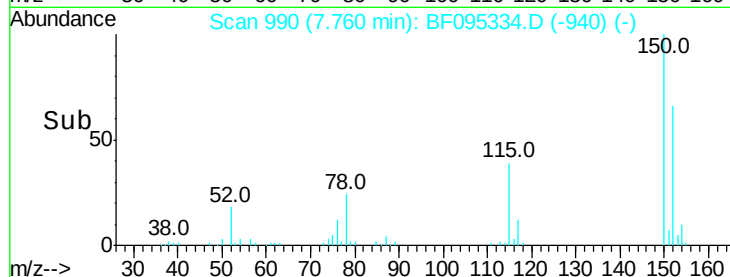
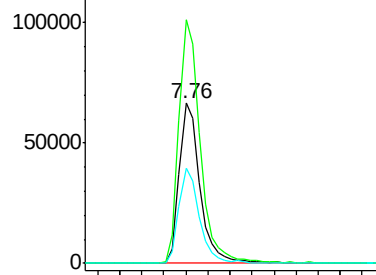
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF095334.D
Acq: 23 May 2017 4:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 85126
Ion Ratio Lower Upper
152 100
150 152.4 126.2 189.2
115 59.2 52.2 78.2



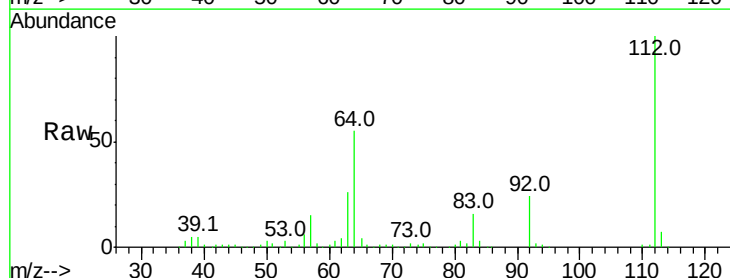
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



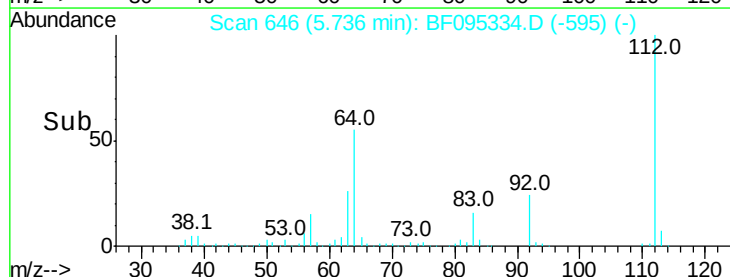
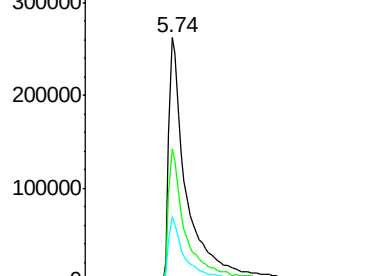
#5

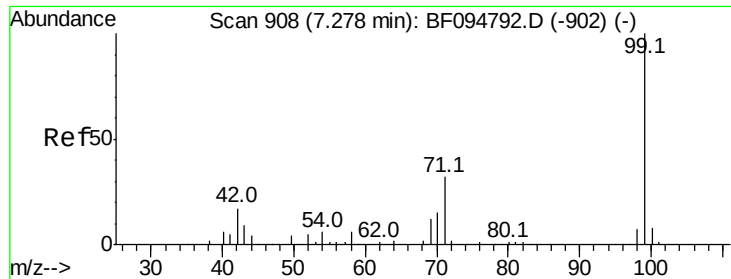
2-Fluorophenol
Concen: 128.47 ng
RT: 5.74 min Scan# 646
Delta R.T. -0.00 min
Lab File: BF095334.D
Acq: 23 May 2017 4:02

Tgt Ion:112 Resp: 655964
Ion Ratio Lower Upper
112 100
64 54.5 46.0 69.0
63 26.5 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: 128.53 ng

RT: 7.31 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF095334.D

Acq: 23 May 2017 4:02

Instrument :

BNA_F

ClientSampleId :

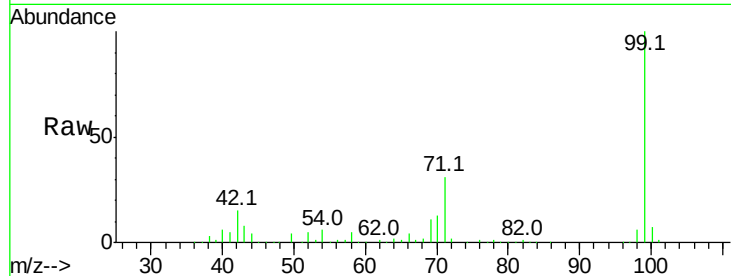
Tot Ion: 99 Resp: 787395

Ion Ratio Lower Upper

99 100

42 15.1 13.5 20.3

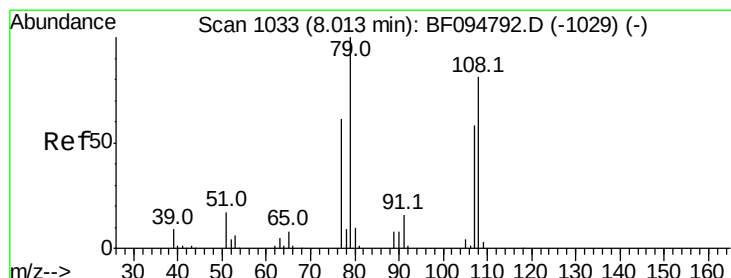
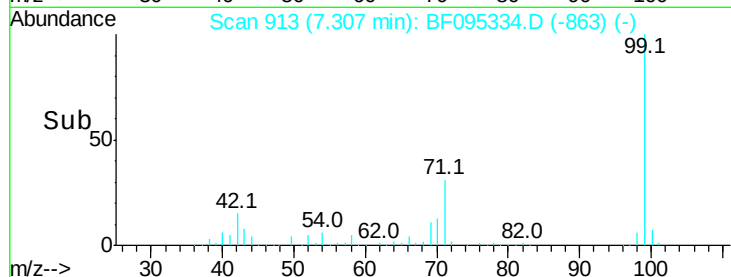
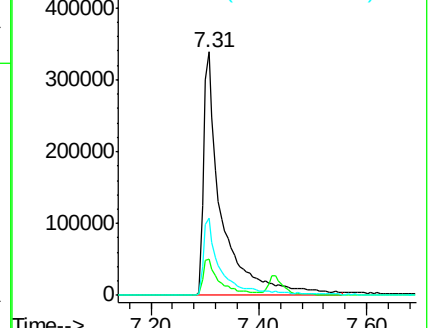
71 31.5 24.5 36.7



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: 2.02 ng

RT: 8.00 min Scan# 1030

Delta R.T. -0.06 min

Lab File: BF095334.D

Acq: 23 May 2017 4:02

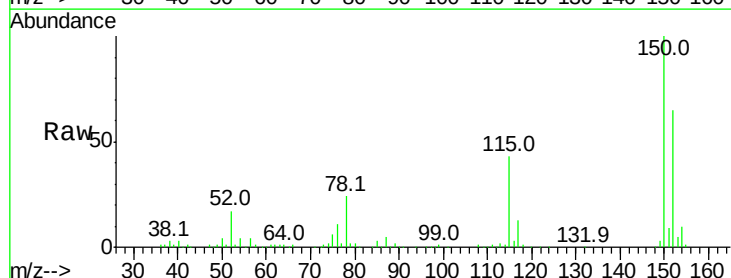
Tgt Ion: 79 Resp: 7964

Ion Ratio Lower Upper

79 100

108 30.3 63.4 95.0#

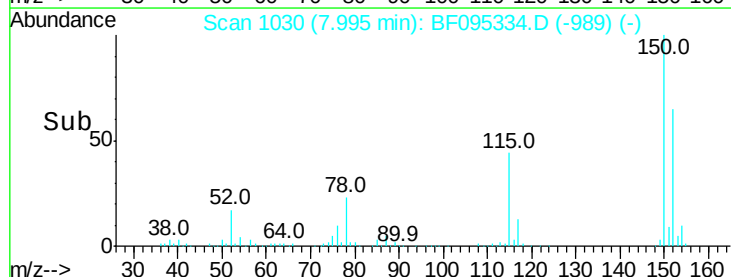
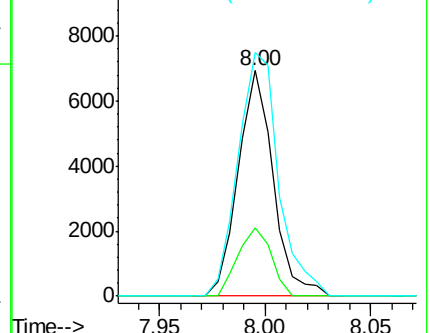
77 108.1 49.2 73.8#

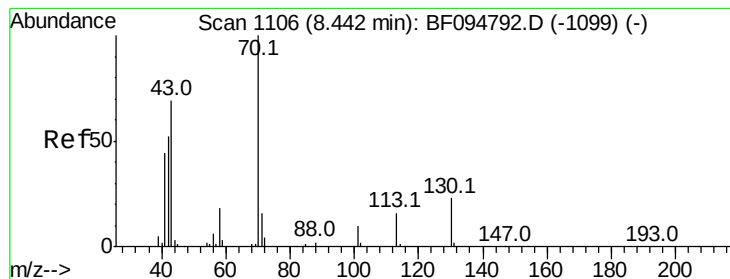


Abundance Ion 79.00 (78.70 to 79.70): BF0

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: 13.18 ng

RT: 8.66 min Scan# 1143

Delta R.T. 0.18 min

Lab File: BF095334.D

Acq: 23 May 2017 4:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 54612

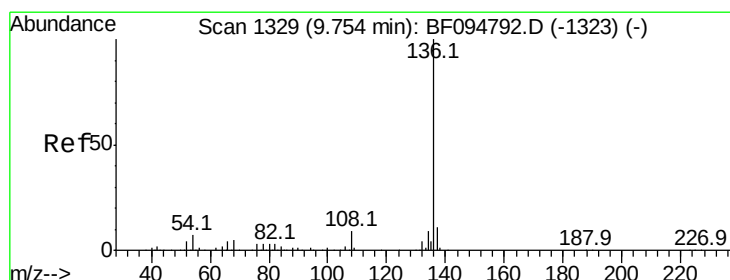
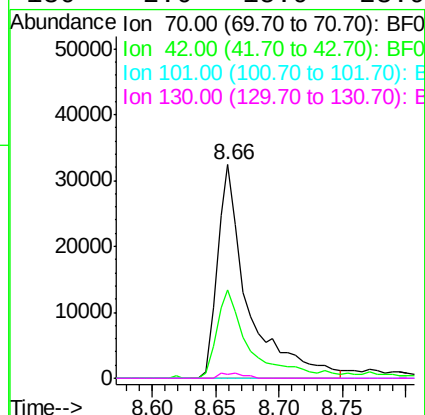
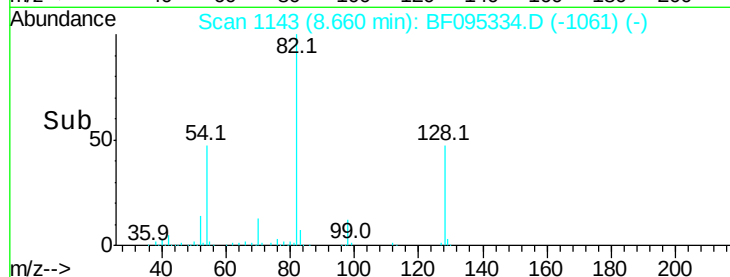
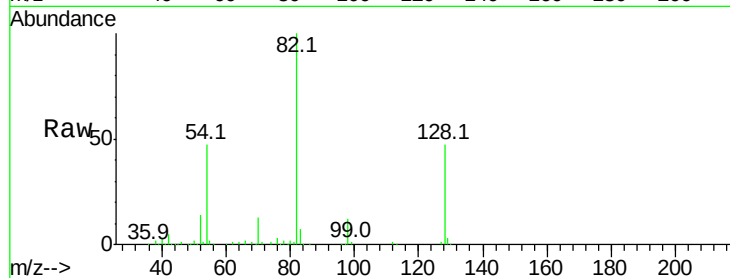
Ion Ratio Lower Upper

70 100

42 41.3 47.2 70.8#

101 0.0 7.2 10.8#

130 2.0 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: BF095334.D

Acq: 23 May 2017 4:02

Tgt Ion:136 Resp: 330562

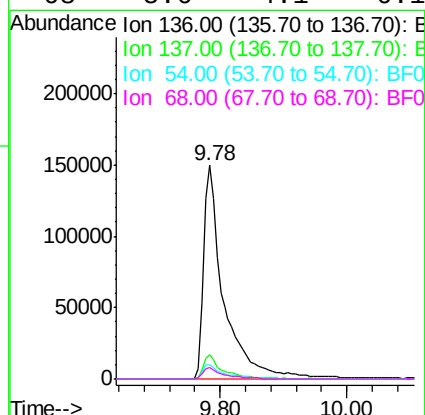
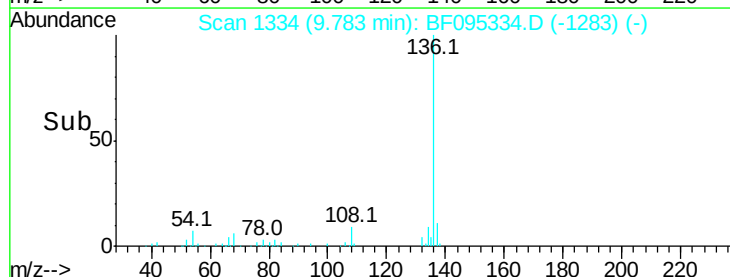
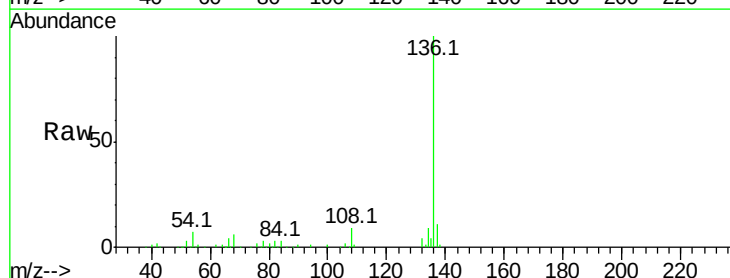
Ion Ratio Lower Upper

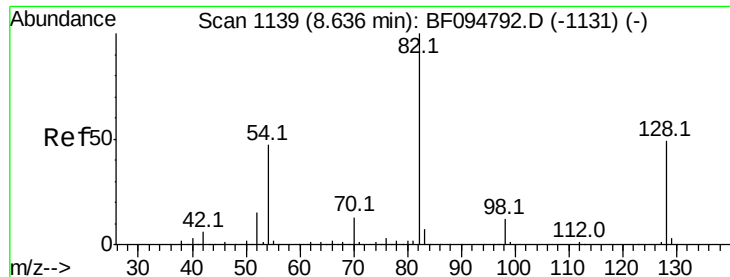
136 100

137 11.4 8.5 12.7

54 6.6 4.9 7.3

68 5.6 4.1 6.1

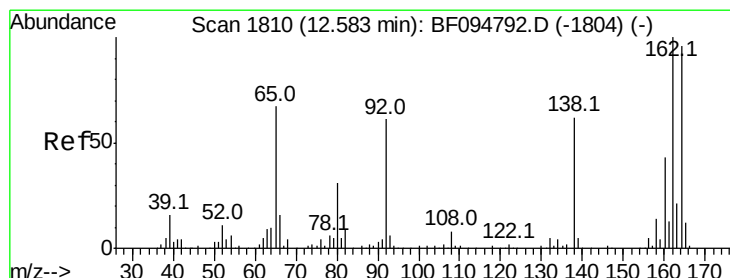
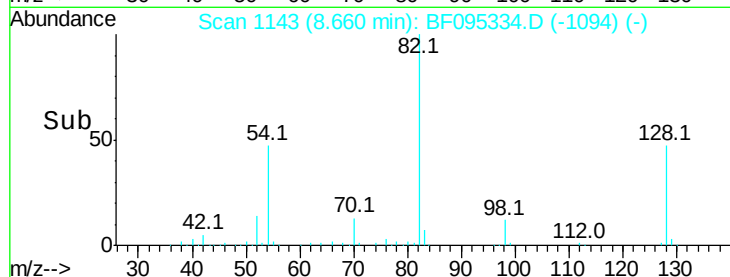
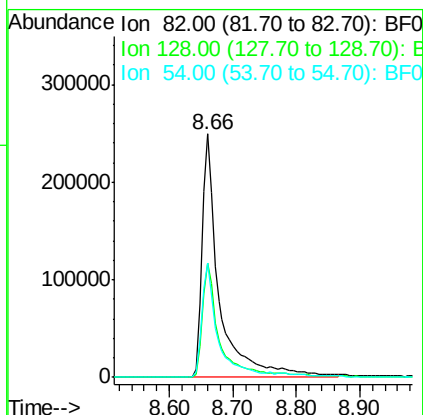
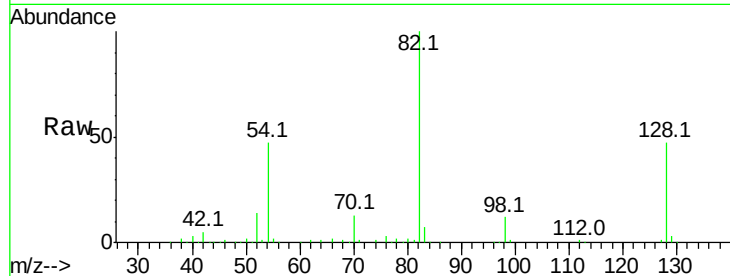




#23
 Nitrobenzene-d5
 Concen: 90.05 ng
 RT: 8.66 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF095334.D
 Acq: 23 May 2017 4:02

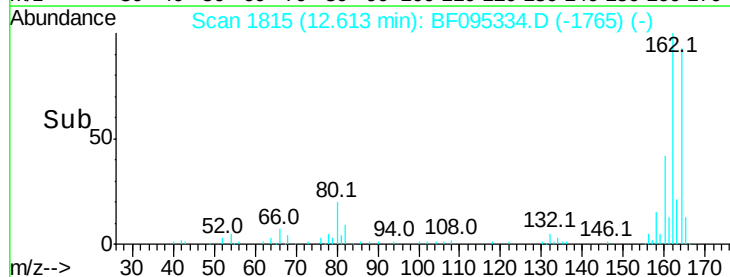
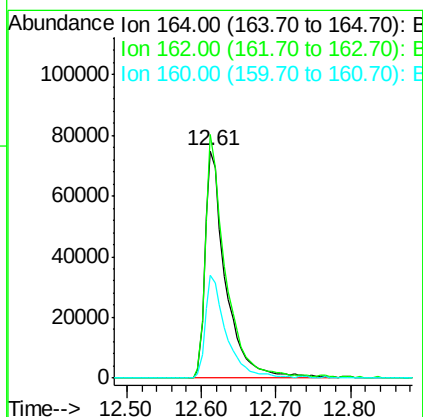
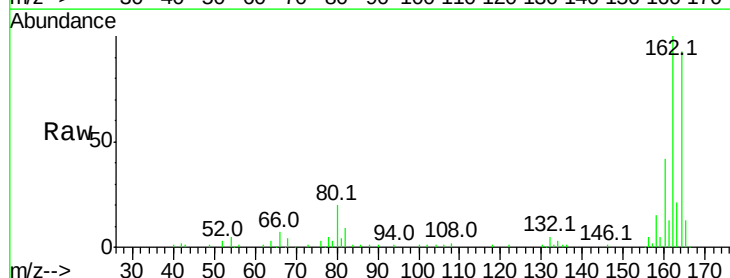
Instrument :
 BNA_F
 ClientSampleId :

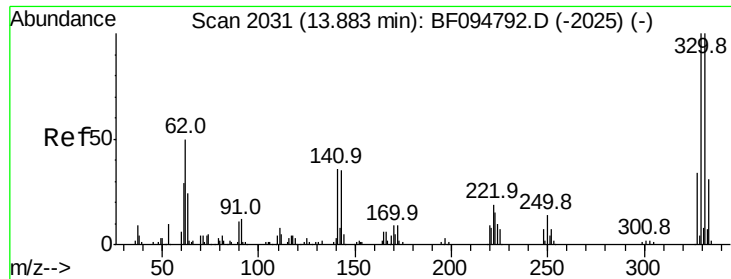
Tot Ion: 82 Resp: 472054
 Ion Ratio Lower Upper
 82 100
 128 47.1 34.0 51.0
 54 46.8 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.61 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BF095334.D
 Acq: 23 May 2017 4:02

Tgt Ion:164 Resp: 144247
 Ion Ratio Lower Upper
 164 100
 162 107.0 82.6 123.8
 160 44.9 36.2 54.2

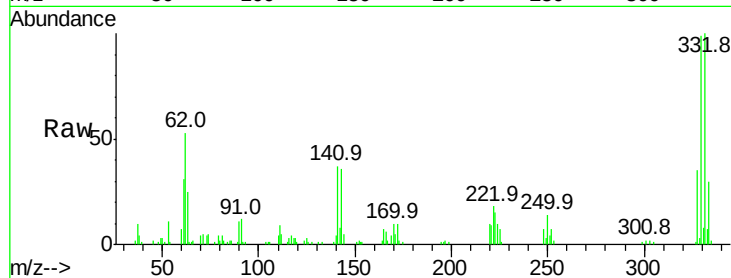




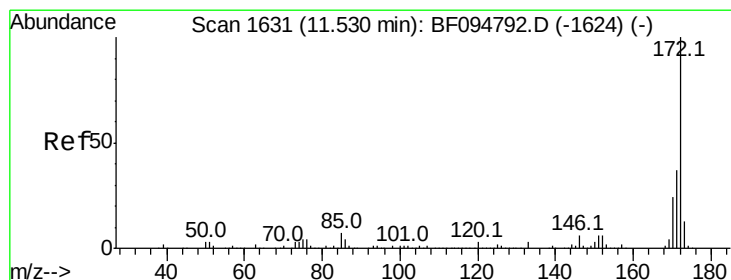
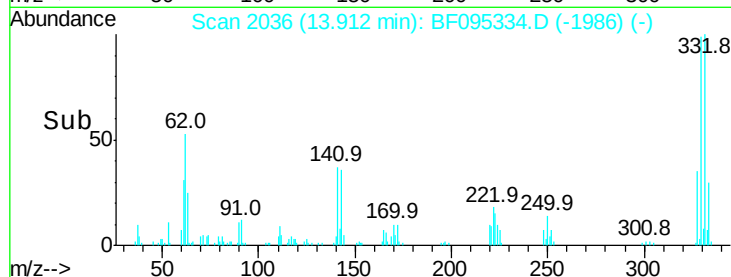
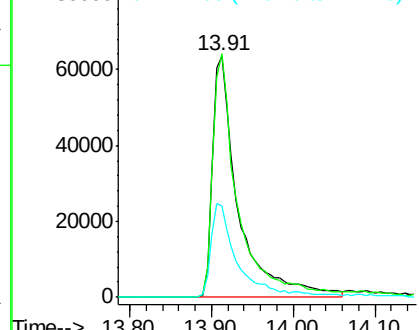
#41
 2,4,6-Tribromophenol
 Concen: 118.38 ng
 RT: 13.91 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF095334.D
 Acq: 23 May 2017 4:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 139849
 Ion Ratio Lower Upper
 330 100
 332 97.8 76.6 115.0
 141 40.3 31.4 47.2

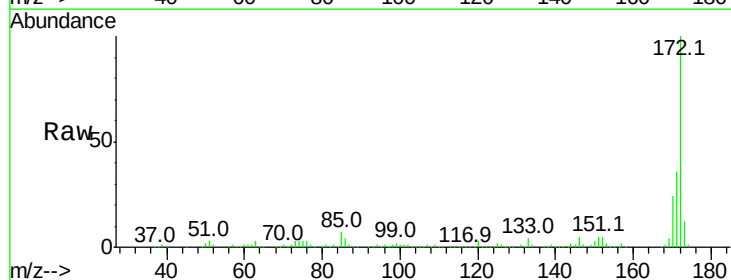


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

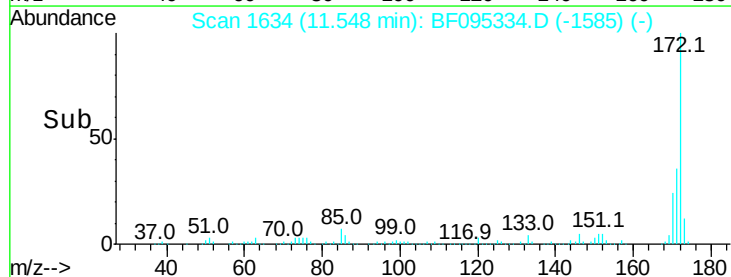
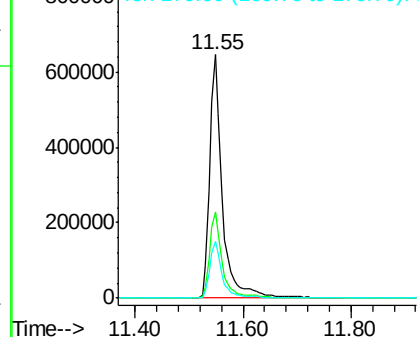


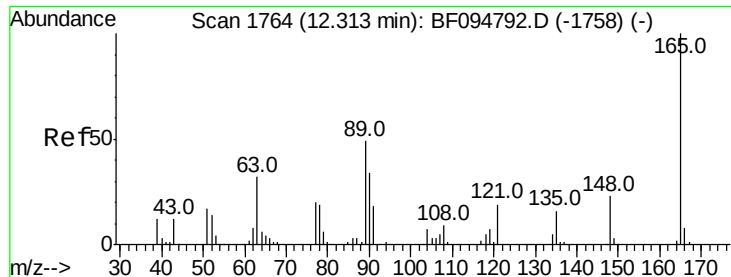
#44
 2-Fluorobiphenyl
 Concen: 104.80 ng
 RT: 11.55 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BF095334.D
 Acq: 23 May 2017 4:02

Tgt Ion:172 Resp: 1050292
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.6 44.4
 170 23.5 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

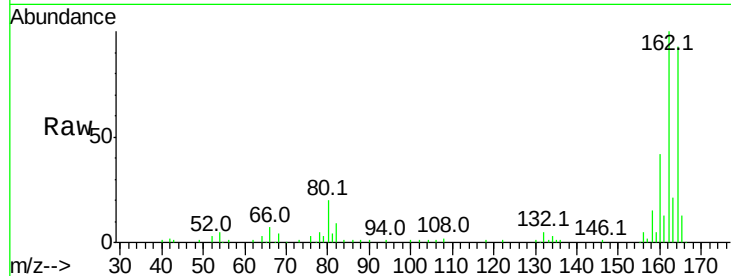




#50
 2,6-Dinitrotoluene
 Concen: 5.74 ng
 RT: 12.61 min Scan# 1815
 Delta R.T. 0.25 min
 Lab File: BF095334.D
 Acq: 23 May 2017 4:02

Instrument :
 BNA_F
 ClientSampleId :

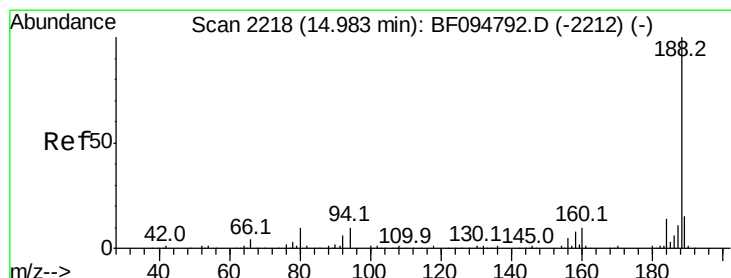
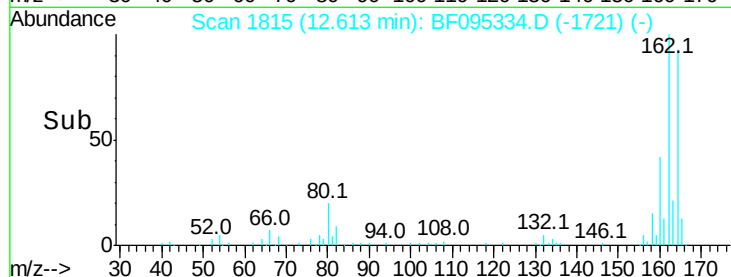
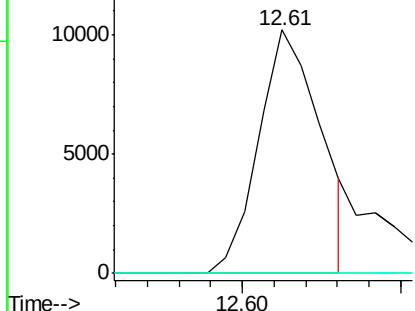
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

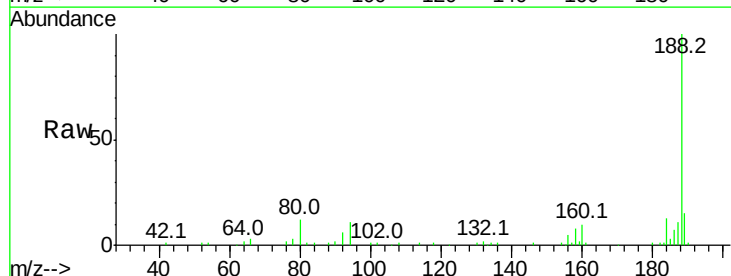
Ion 63.00 (62.70 to 63.70): BF0

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. -0.01 min
 Lab File: BF095334.D
 Acq: 23 May 2017 4:02

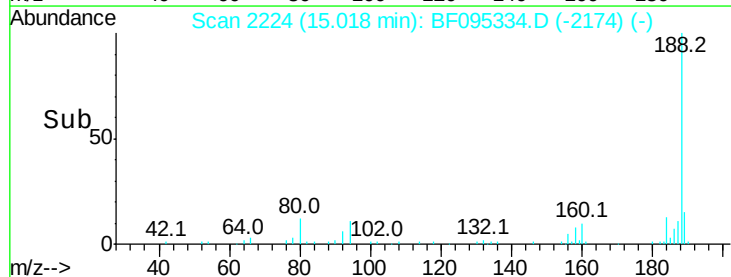
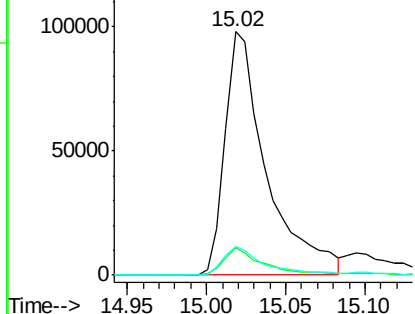
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.1	9.4	14.2
80	11.9	10.2	15.2

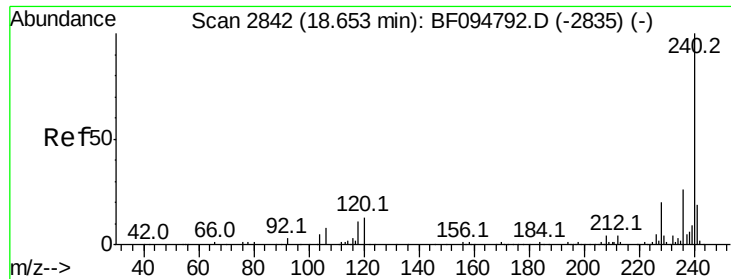


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

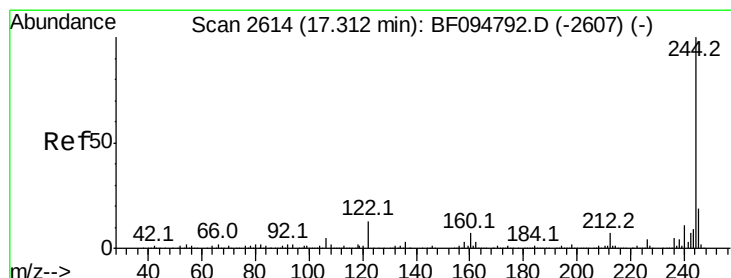
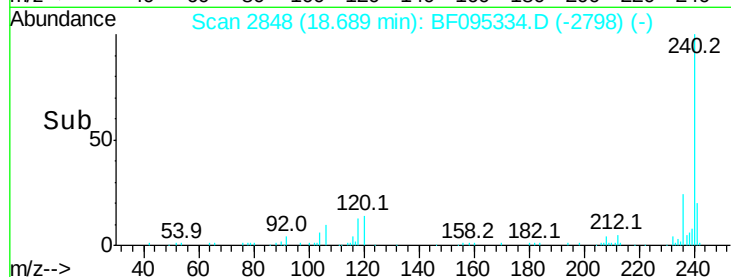
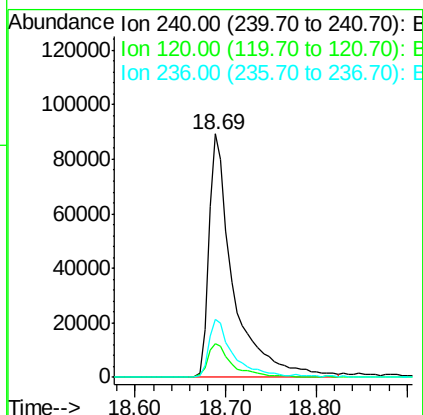
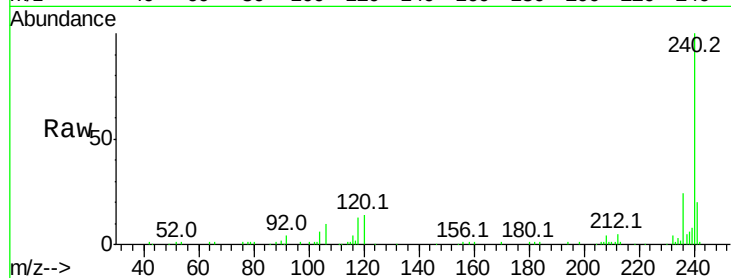




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.69 min Scan# 2848
 Delta R.T. -0.01 min
 Lab File: BF095334.D
 Acq: 23 May 2017 4:02

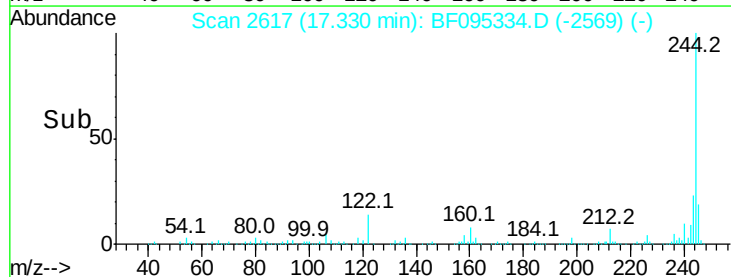
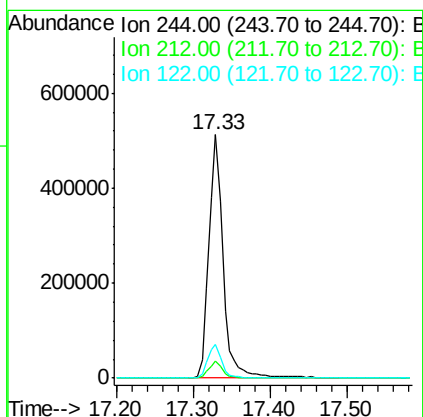
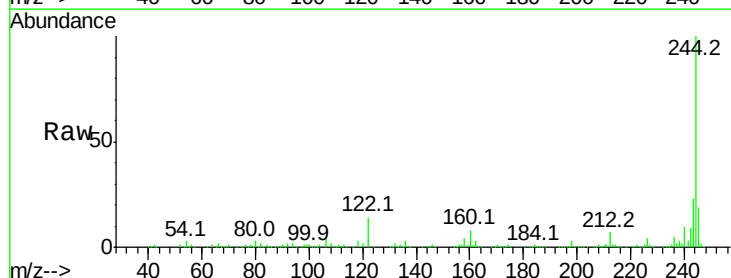
Instrument :
 BNA_F
 ClientSampleId :

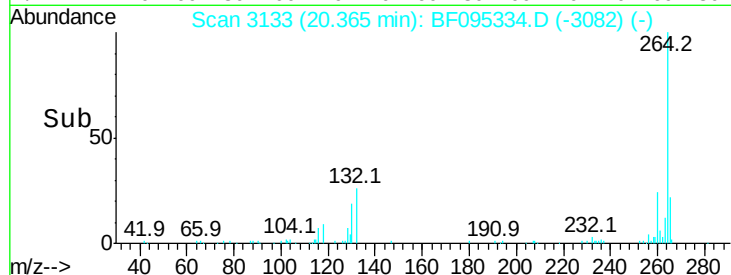
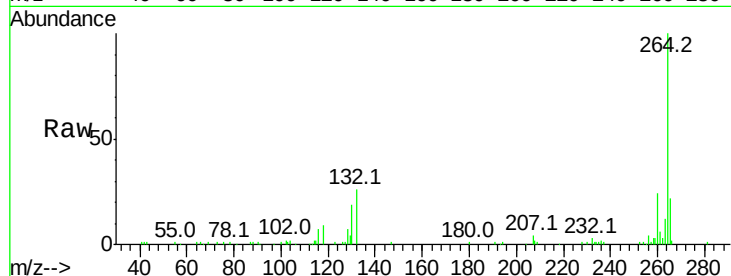
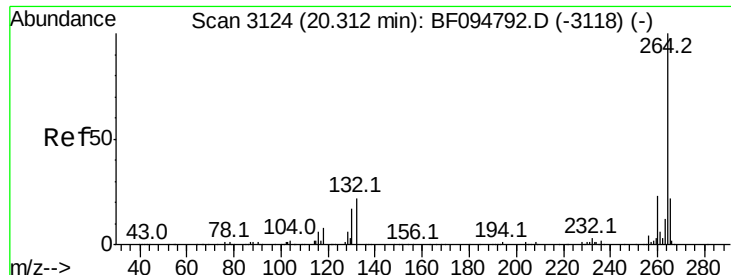
Tot Ion:240 Resp: 167585
 Ion Ratio Lower Upper
 240 100
 120 13.7 5.8 8.8#
 236 24.1 20.5 30.7



#78
 Terphenyl-d14
 Concen: 86.15 ng
 RT: 17.33 min Scan# 2617
 Delta R.T. -0.02 min
 Lab File: BF095334.D
 Acq: 23 May 2017 4:02

Tgt Ion:244 Resp: 655461
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 14.0 10.3 15.5





#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.36 min Scan# 3133
Delta R.T. -0.00 min
Lab File: BF095334.D
Acq: 23 May 2017 4:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	135686
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	22.0	17.2	25.8

