

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051817\
 Data File : BF095233.D
 Acq On : 18 May 2017 20:59
 Operator : SJ/MA
 Sample : I3169-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 19 01:06:07 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

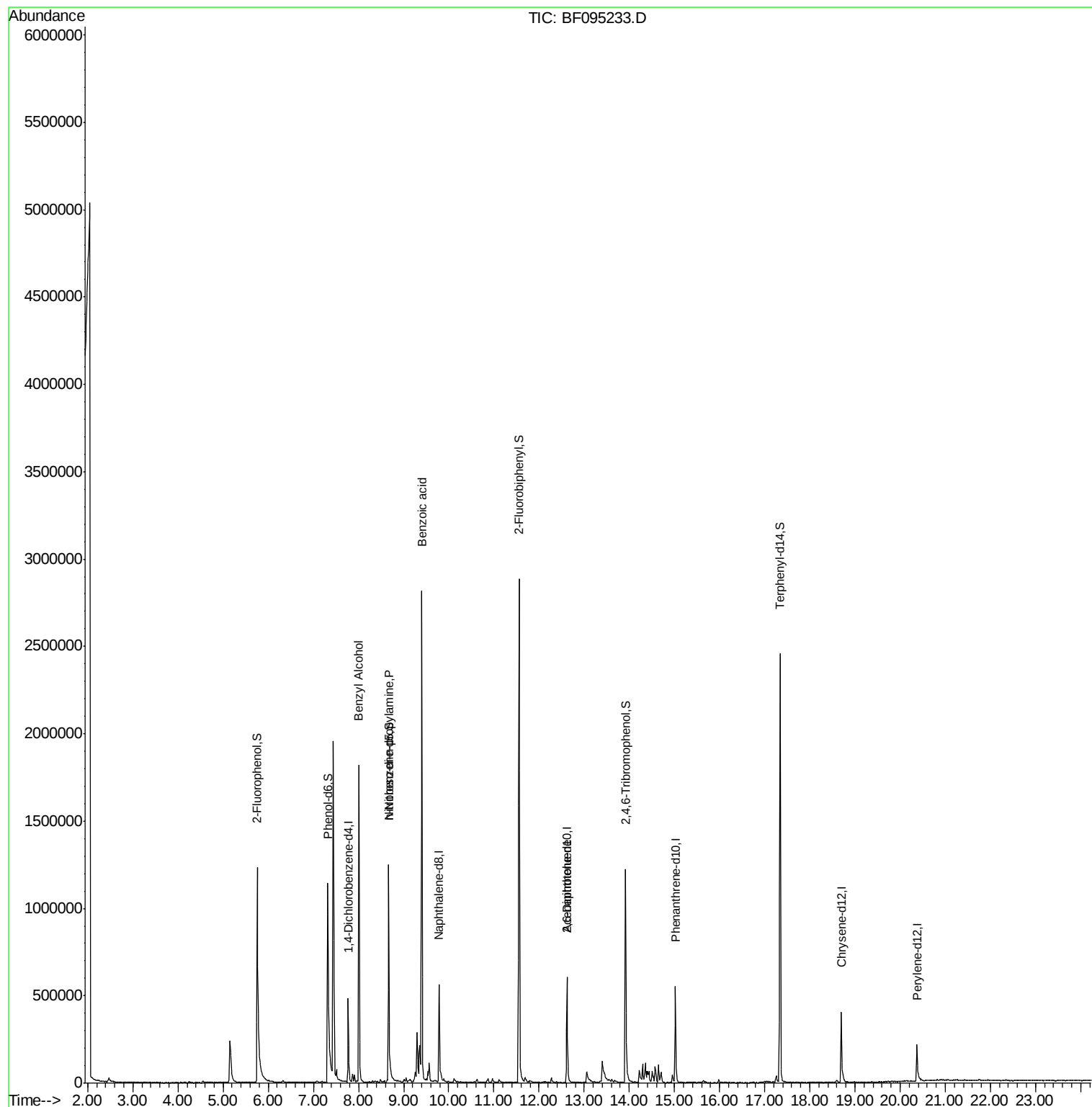
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	102350	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	407805	20.00	ng	0.00
38) Acenaphthene-d10	12.62	164	202737	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	317561	20.00	ng	0.00
75) Chrysene-d12	18.69	240	244138	20.00	ng	0.00
86) Perylene-d12	20.37	264	140411	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	834029	135.86	ng	0.02
7) Phenol-d6	7.32	99	946731	128.53	ng	0.00
23) Nitrobenzene-d5	8.67	82	639427	98.87	ng	0.00
41) 2,4,6-Tribromophenol	13.92	330	236454	142.41	ng	0.00
44) 2-Fluorobiphenyl	11.56	172	1354646	96.17	ng	0.00
78) Terphenyl-d14	17.34	244	1062931	95.90	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.01	79	10364	2.19	ng	# 48
19) n-Nitroso-di-n-propylamine	8.67	70	81125	16.28	ng	# 74
32) Benzoic acid	9.41	122	1112	5.34	ng	# 1
50) 2,6-Dinitrotoluene	12.62	165	23102	6.80	ng	# 31

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

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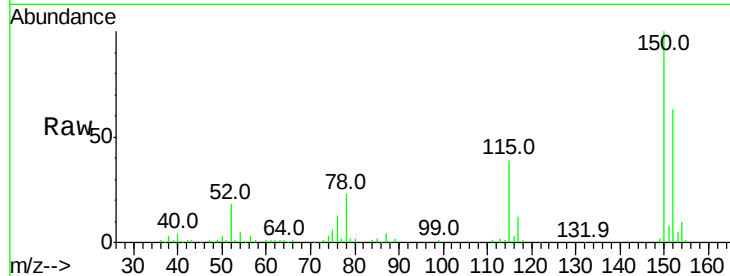


#1

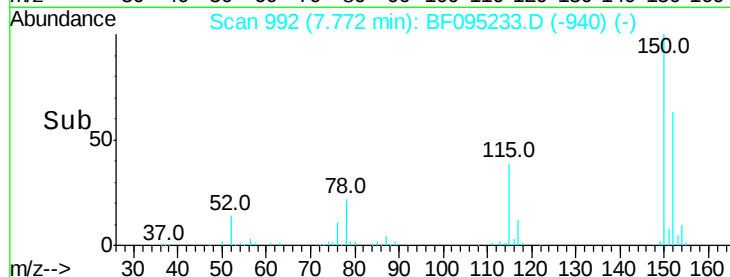
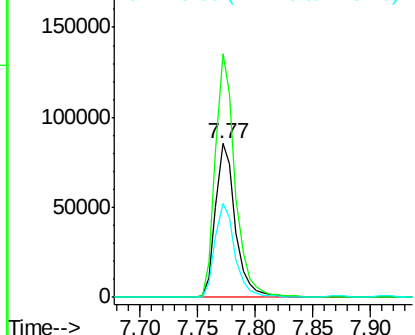
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 992
Delta R.T. 0.01 min
Lab File: BF095233.D
Acq: 18 May 2017 20:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 102350
Ion Ratio Lower Upper
152 100
150 158.5 126.2 189.2
115 61.3 52.2 78.2



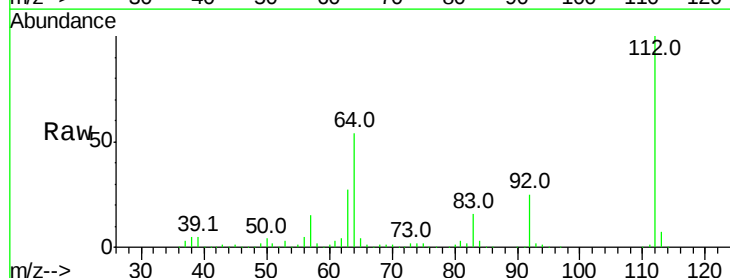
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



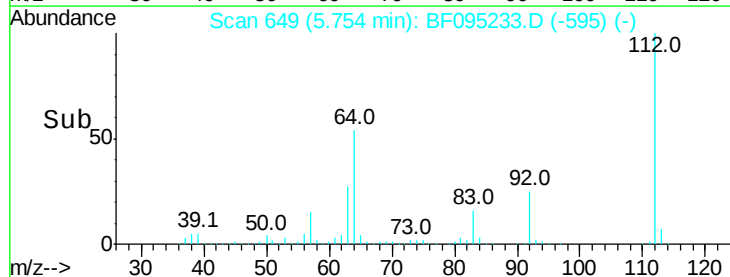
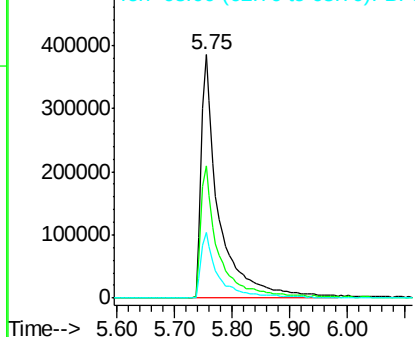
#5

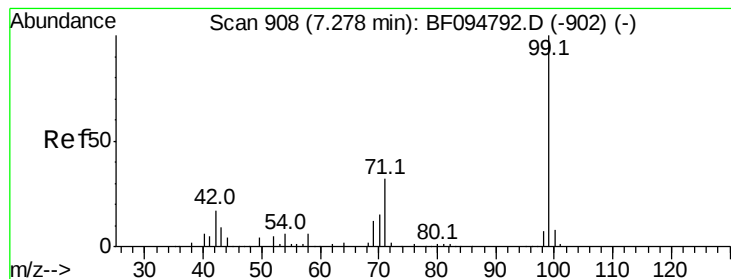
2-Fluorophenol
Concen: 135.86 ng
RT: 5.75 min Scan# 649
Delta R.T. 0.02 min
Lab File: BF095233.D
Acq: 18 May 2017 20:59

Tgt Ion:112 Resp: 834029
Ion Ratio Lower Upper
112 100
64 54.3 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: 128.53 ng

RT: 7.32 min Scan# 915

Delta R.T. 0.01 min

Lab File: BF095233.D

Acq: 18 May 2017 20:59

Instrument :

BNA_F

ClientSampled :

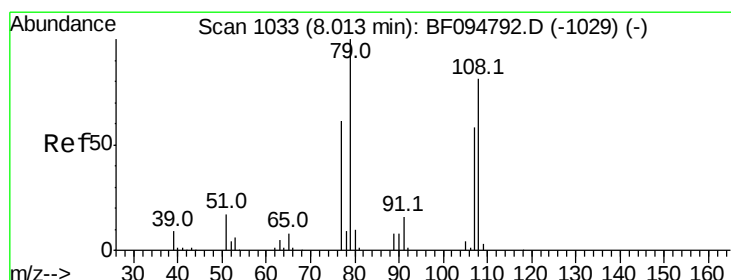
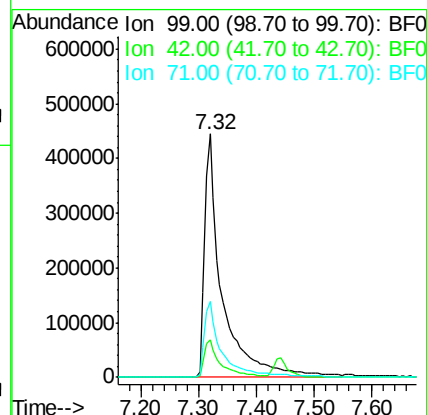
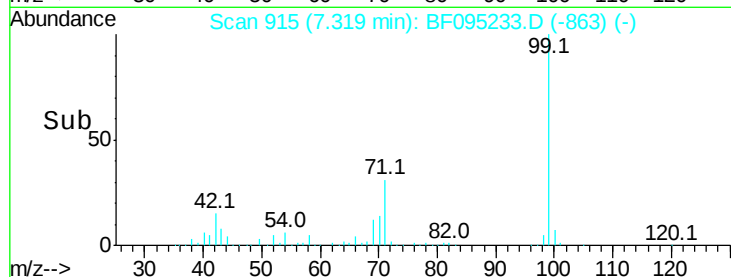
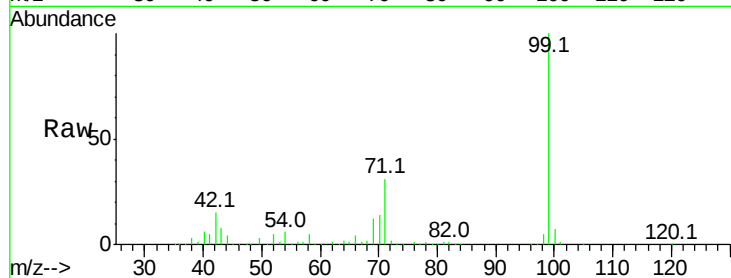
Tot Ion: 99 Resp: 946731

Ion Ratio Lower Upper

99 100

42 15.4 13.5 20.3

71 31.4 24.5 36.7



#15

Benzyl Alcohol

Concen: 2.19 ng

RT: 8.01 min Scan# 1032

Delta R.T. -0.05 min

Lab File: BF095233.D

Acq: 18 May 2017 20:59

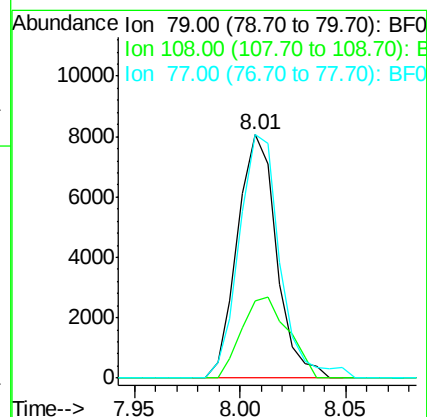
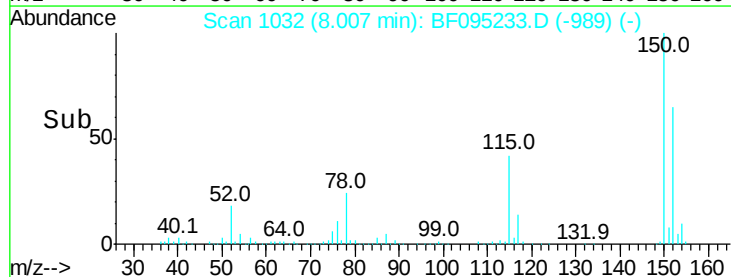
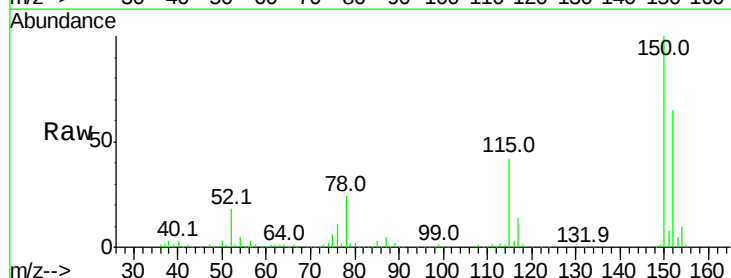
Tgt Ion: 79 Resp: 10364

Ion Ratio Lower Upper

79 100

108 31.7 63.4 95.0#

77 100.0 49.2 73.8#

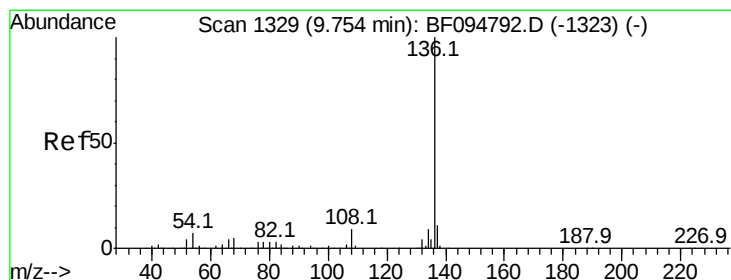
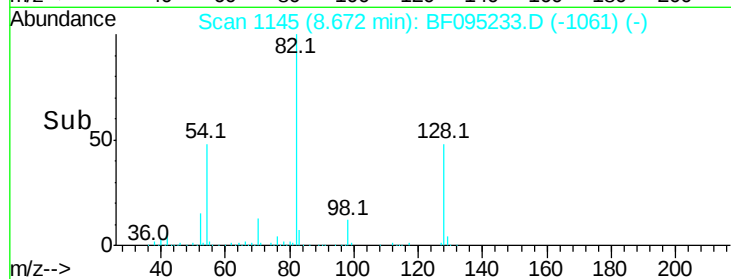
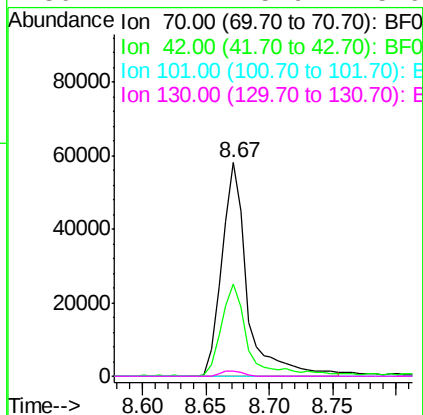
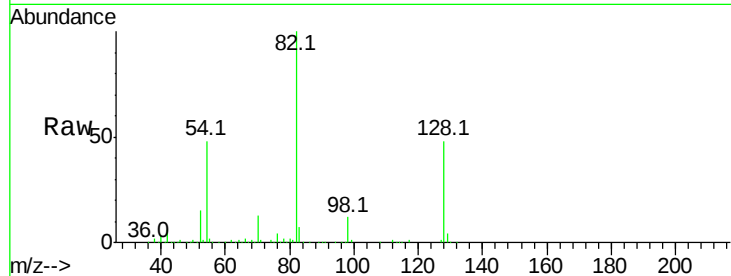




#19
n-Nitroso-di-n-propylamine
Concen: 16.28 ng
RT: 8.67 min Scan# 1145
Delta R.T. 0.19 min
Lab File: BF095233.D
Acq: 18 May 2017 20:59

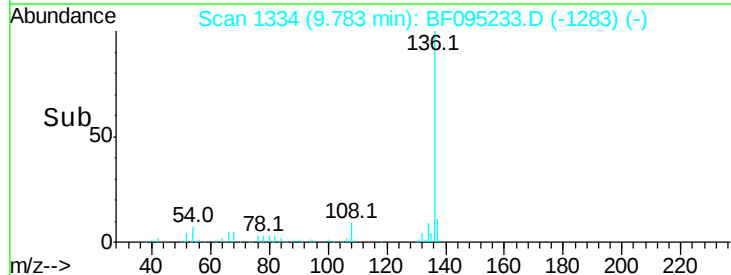
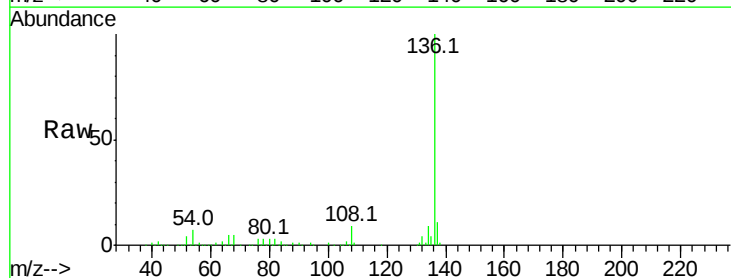
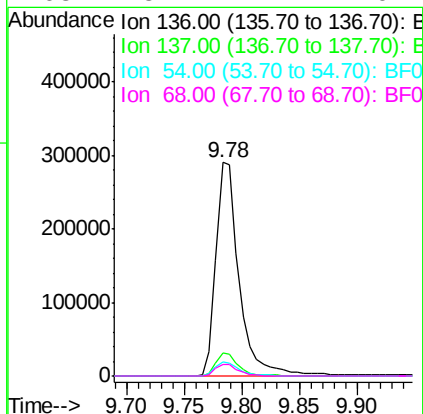
Instrument :
BNA_F
ClientSampled :

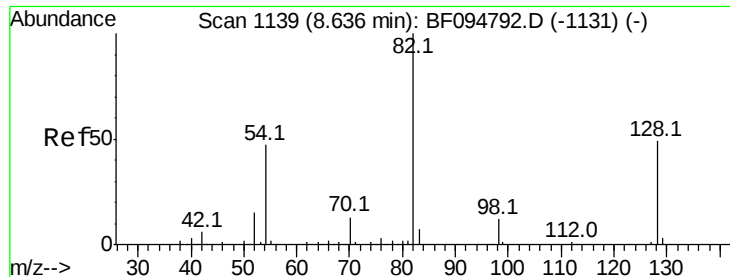
Tot Ion: 70 Resp: 81125
Ion Ratio Lower Upper
70 100
42 43.1 47.2 70.8#
101 0.0 7.2 10.8#
130 2.1 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.78 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF095233.D
Acq: 18 May 2017 20:59

Tgt Ion:136 Resp: 407805
Ion Ratio Lower Upper
136 100
137 10.6 8.5 12.7
54 6.8 4.9 7.3
68 5.4 4.1 6.1

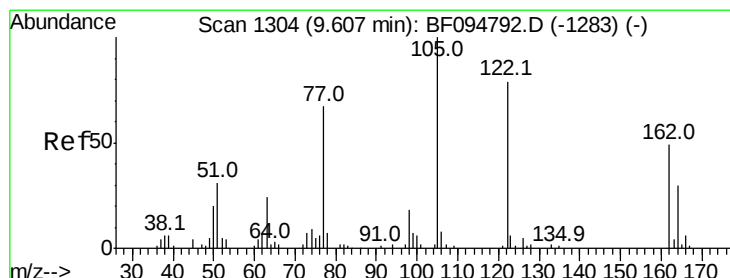
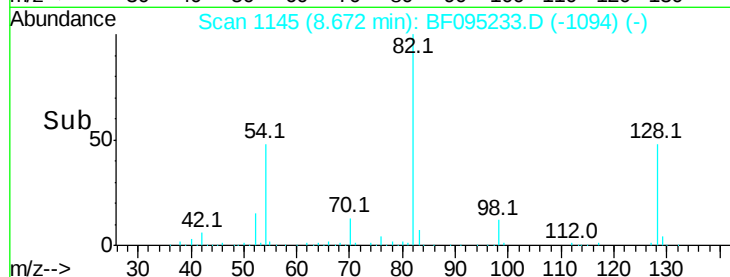
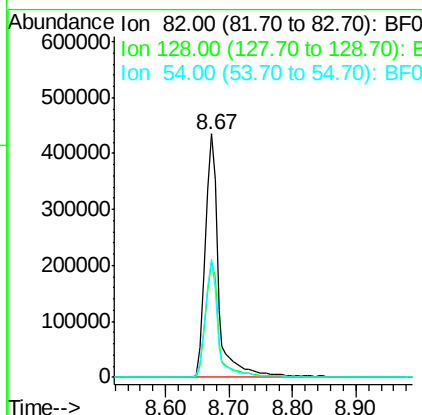
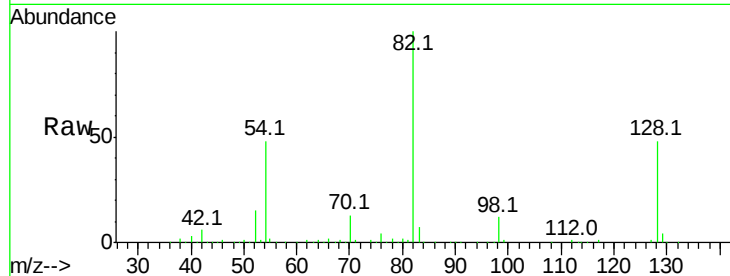




#23
Nitrobenzene-d5
Concen: 98.87 ng
RT: 8.67 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BF095233.D
Acq: 18 May 2017 20:59

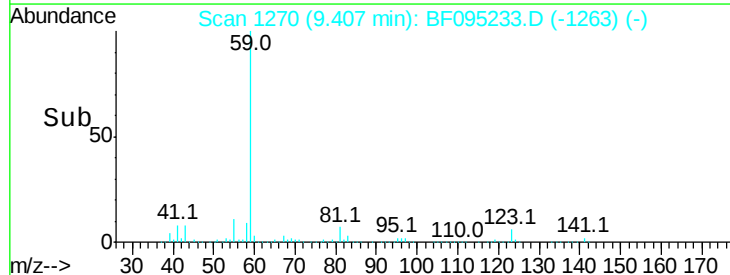
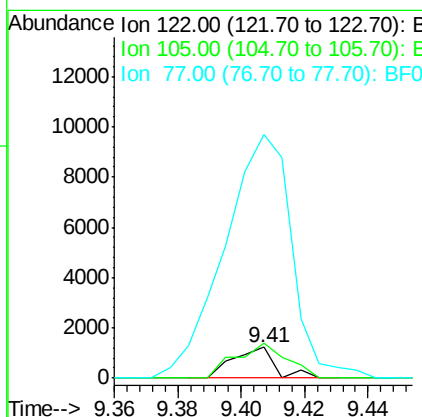
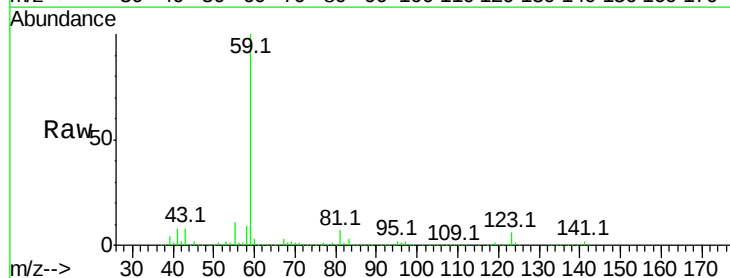
Instrument :
BNA_F
ClientSampleId :

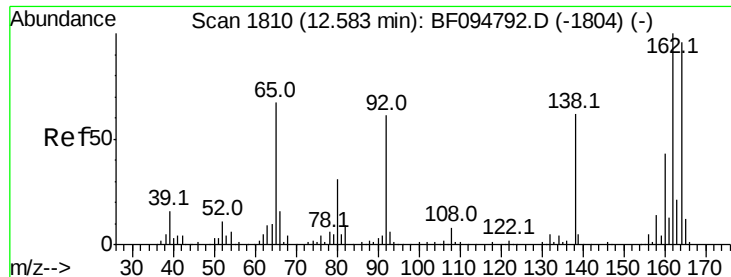
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.7	34.0	51.0
54	48.3	42.2	63.2



#32
Benzoic acid
Concen: 5.34 ng
RT: 9.41 min Scan# 1270
Delta R.T. -0.26 min
Lab File: BF095233.D
Acq: 18 May 2017 20:59

Tgt Ion	Ratio	Lower	Upper
122	100		
105	115.1	103.3	143.3
77	797.8	73.7	113.7#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.62 min Scan# 1816

Delta R.T. 0.00 min

Lab File: BF095233.D

Acq: 18 May 2017 20:59

Instrument :

BNA_F

ClientSampleId :

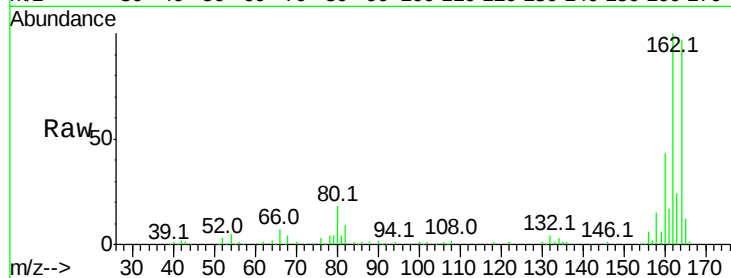
Tot Ion:164 Resp: 202737

Ion Ratio Lower Upper

164 100

162 103.2 82.6 123.8

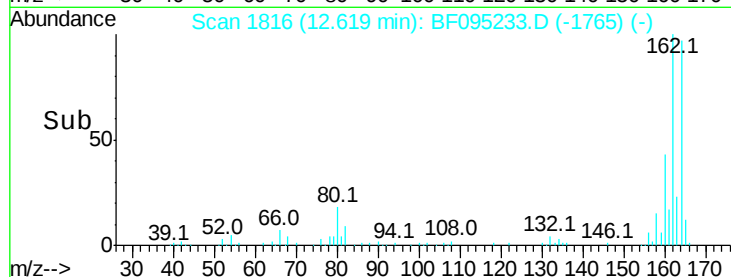
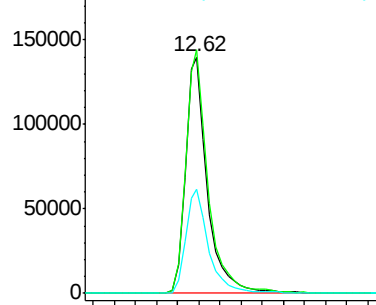
160 44.0 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 142.41 ng

RT: 13.92 min Scan# 2037

Delta R.T. 0.00 min

Lab File: BF095233.D

Acq: 18 May 2017 20:59

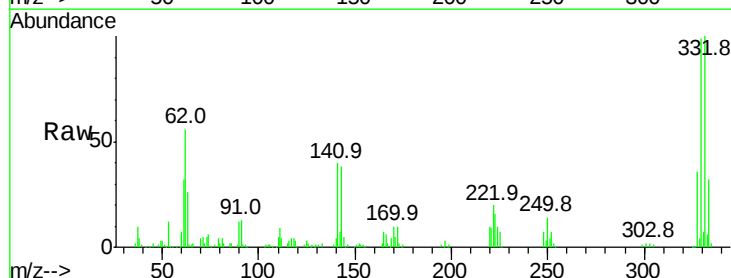
Tgt Ion:330 Resp: 236454

Ion Ratio Lower Upper

330 100

332 97.8 76.6 115.0

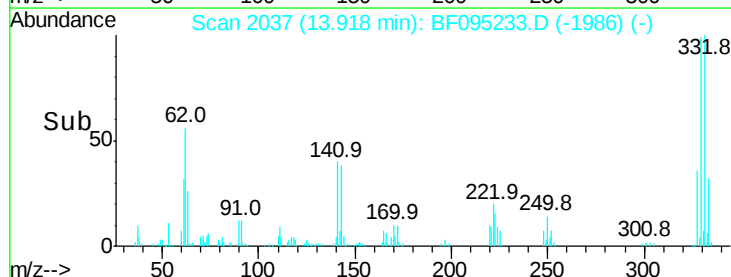
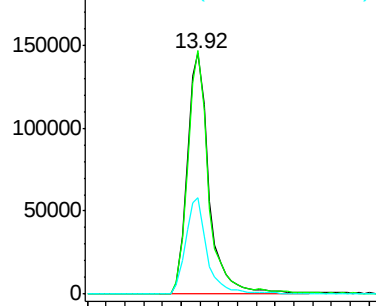
141 39.6 31.4 47.2



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

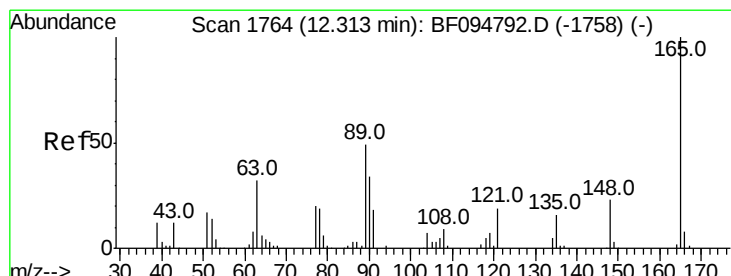
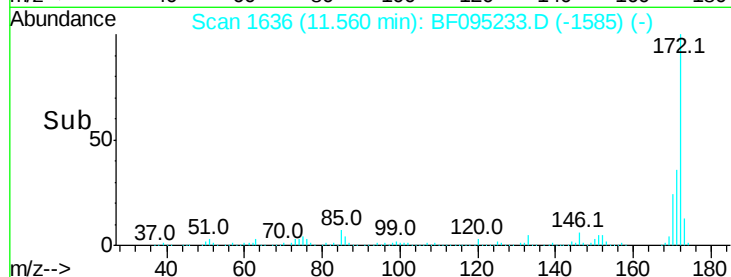
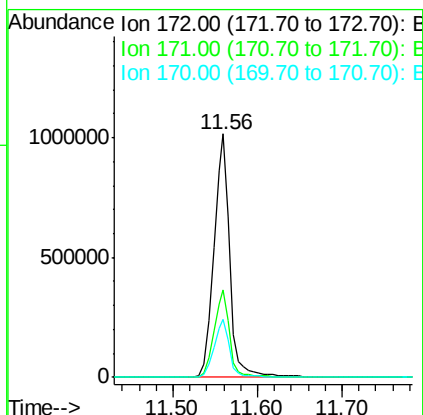
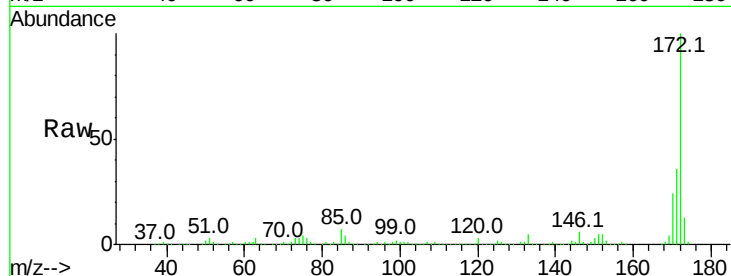




#44
 2-Fluorobiphenyl
 Concen: 96.17 ng
 RT: 11.56 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: BF095233.D
 Acq: 18 May 2017 20:59

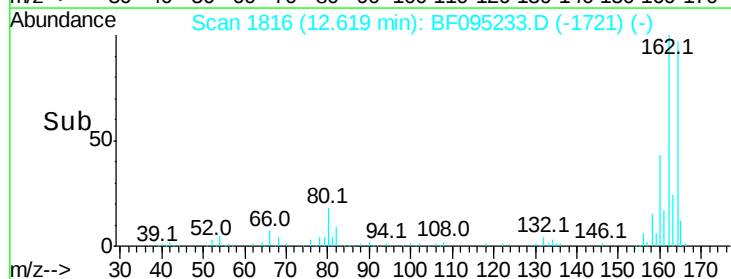
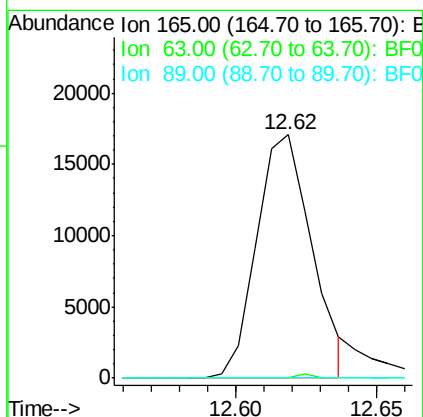
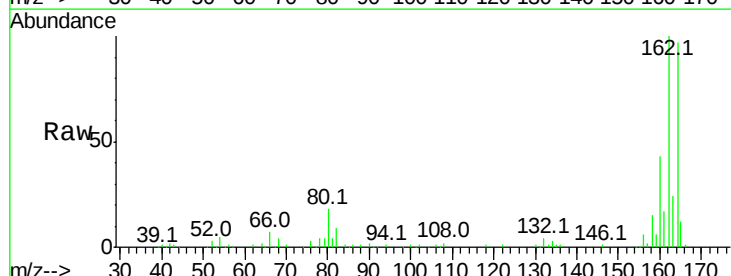
Instrument :
 BNA_F
 ClientSampled :

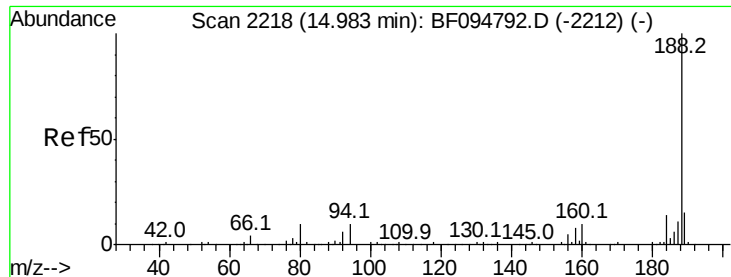
Tot Ion:172 Resp: 1354646
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 24.0 19.8 29.8



#50
 2,6-Dinitrotoluene
 Concen: 6.80 ng
 RT: 12.62 min Scan# 1816
 Delta R.T. 0.26 min
 Lab File: BF095233.D
 Acq: 18 May 2017 20:59

Tgt Ion:165 Resp: 23102
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 0.0 37.1 55.7#

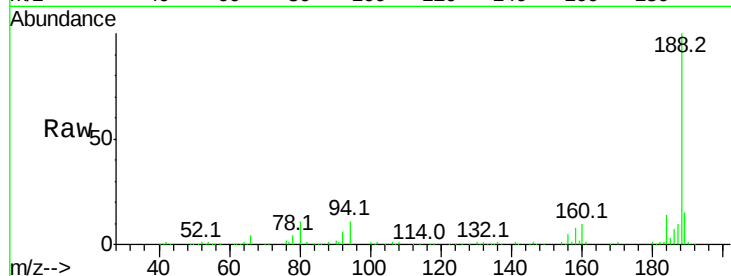




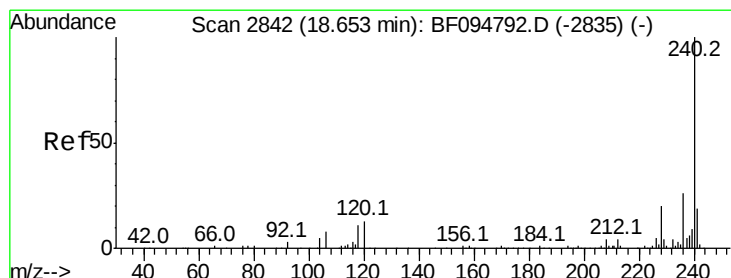
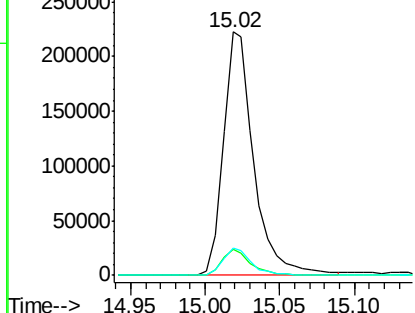
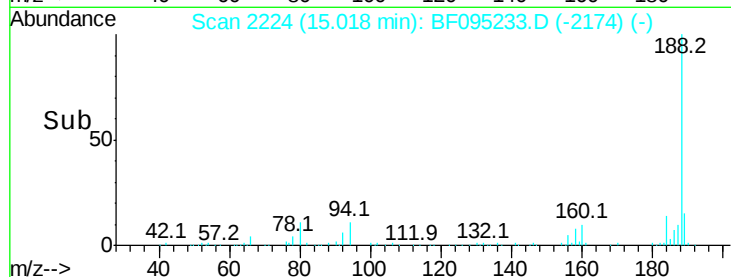
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.02 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF095233.D
Acq: 18 May 2017 20:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 317561
Ion Ratio Lower Upper
188 100
94 11.0 9.4 14.2
80 11.1 10.2 15.2

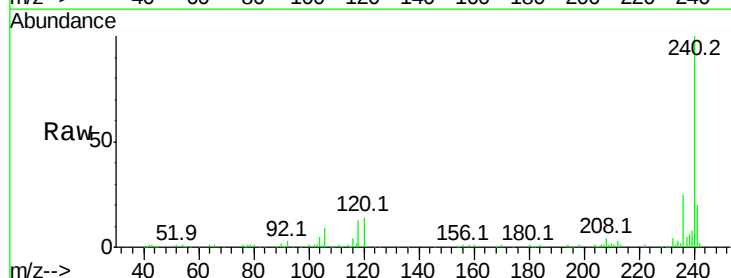


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

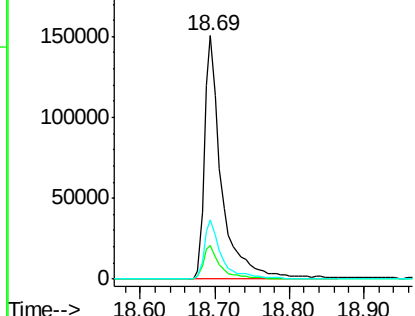
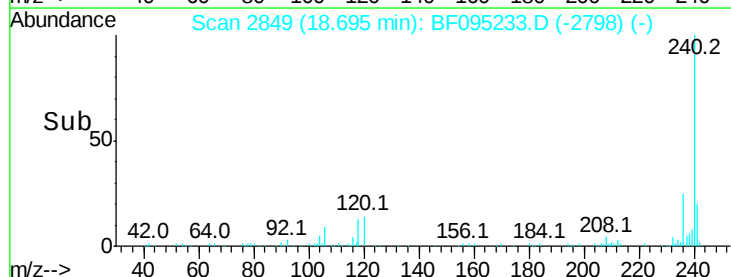


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.69 min Scan# 2849
Delta R.T. 0.00 min
Lab File: BF095233.D
Acq: 18 May 2017 20:59

Tgt Ion:240 Resp: 244138
Ion Ratio Lower Upper
240 100
120 13.8 5.8 8.8#
236 24.6 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

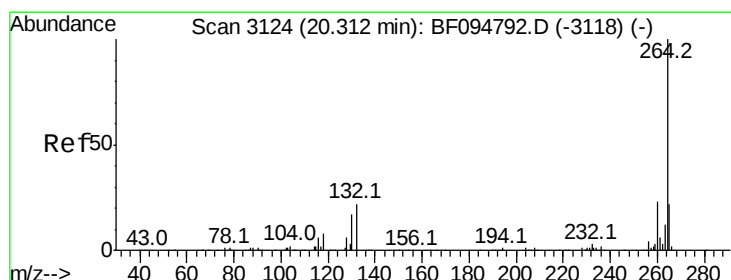
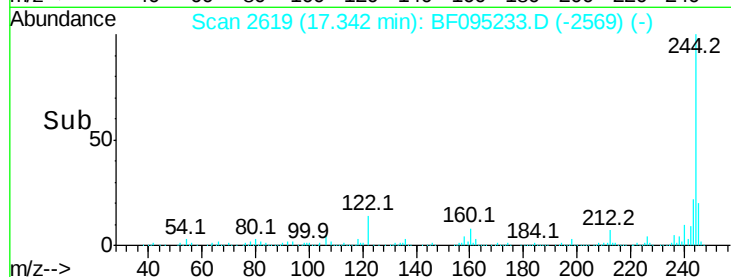
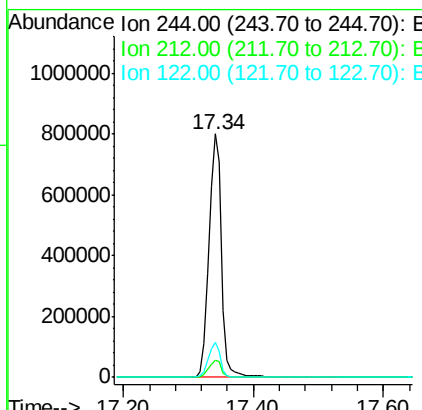
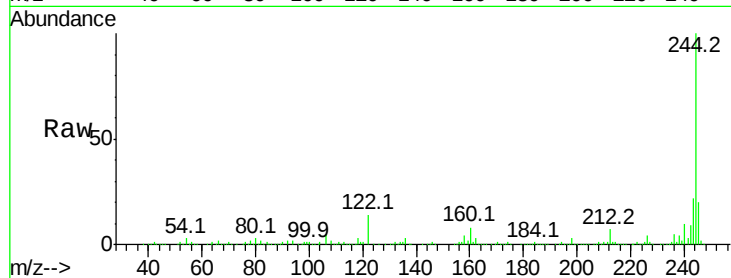




#78
 Terphenyl-d14
 Concen: 95.90 ng
 RT: 17.34 min Scan# 2619
 Delta R.T. -0.01 min
 Lab File: BF095233.D
 Acq: 18 May 2017 20:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1062931
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 14.3 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.37 min Scan# 3134
 Delta R.T. 0.01 min
 Lab File: BF095233.D
 Acq: 18 May 2017 20:59

Tgt Ion:264 Resp: 140411
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.5 29.3
 265 22.1 17.2 25.8

