

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051017\
 Data File : BF095059.D
 Acq On : 10 May 2017 16:54
 Operator : SJ/MA
 Sample : I3037-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 10 18:05:38 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

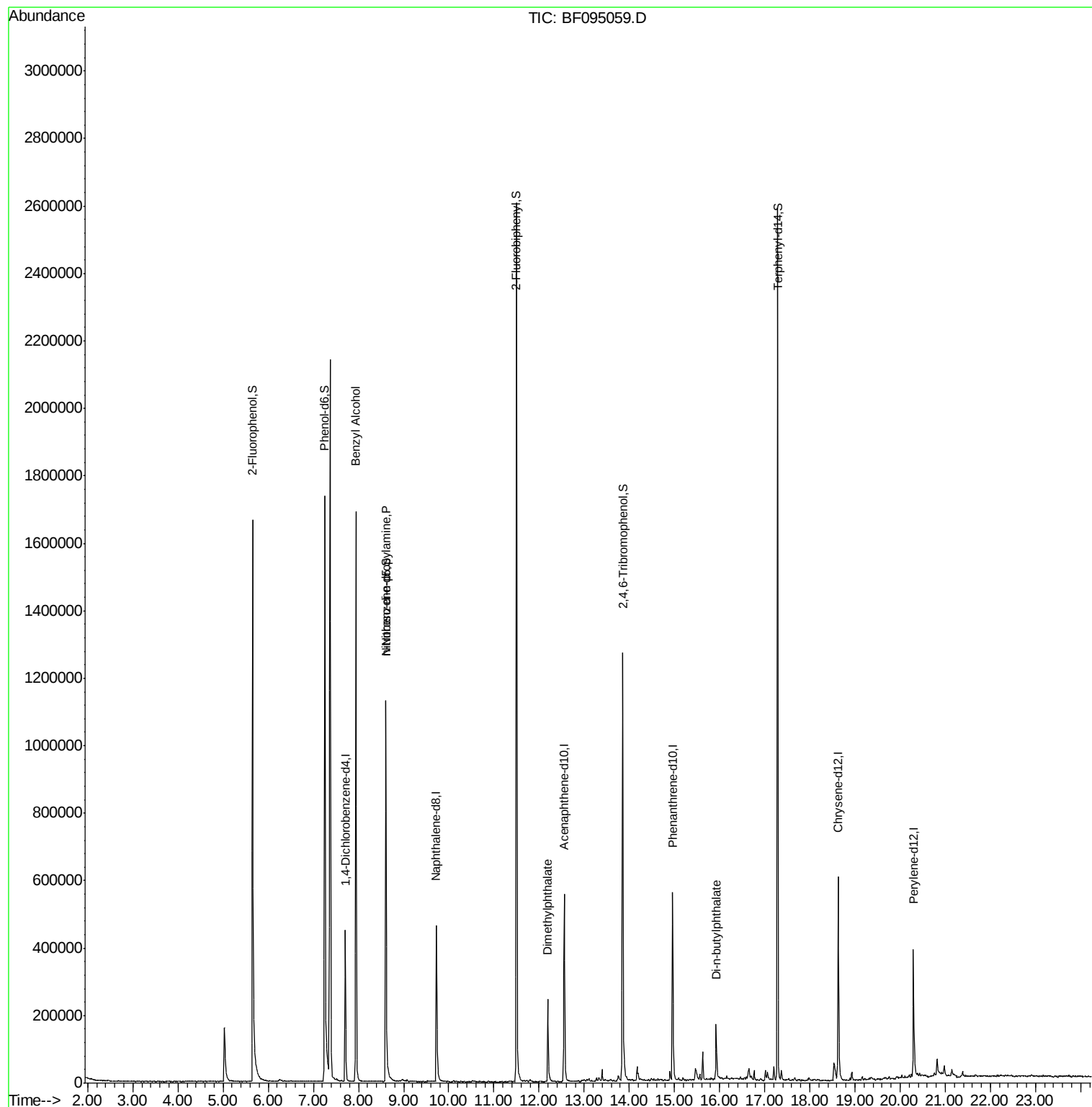
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	92228	20.00	ng	-0.02
21) Naphthalene-d8	9.72	136	366613	20.00	ng	-0.03
38) Acenaphthene-d10	12.56	164	174643	20.00	ng	-0.02
63) Phenanthrene-d10	14.96	188	313974	20.00	ng	-0.02
75) Chrysene-d12	18.63	240	287135	20.00	ng	-0.02
86) Perylene-d12	20.30	264	209264	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	824216	148.99	ng	-0.02
7) Phenol-d6	7.25	99	1026149	154.60	ng	-0.02
23) Nitrobenzene-d5	8.61	82	588296	101.19	ng	-0.03
41) 2,4,6-Tribromophenol	13.85	330	220460	154.14	ng	-0.03
44) 2-Fluorobiphenyl	11.50	172	1200589	98.95	ng	-0.03
78) Terphenyl-d14	17.29	244	1012437	77.66	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	7.95	79	9318	2.18	ng	# 53
19) n-Nitroso-di-n-propylamine	8.61	70	75047	16.72	ng	# 78
49) Dimethylphthalate	12.19	163	156452	10.91	ng	100
73) Di-n-butylphthalate	15.93	149	59054	2.82	ng	98

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

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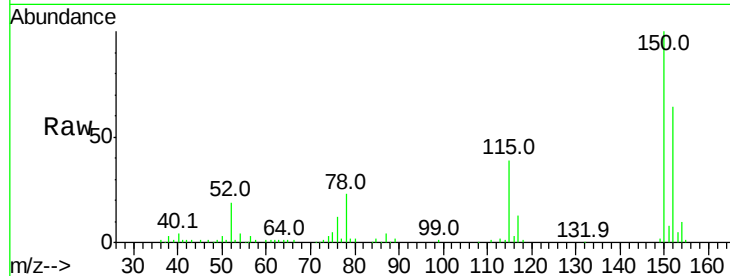


#1

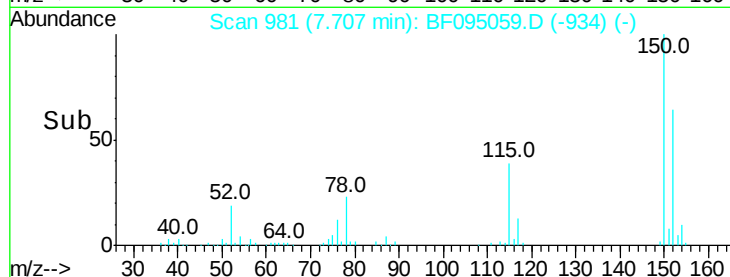
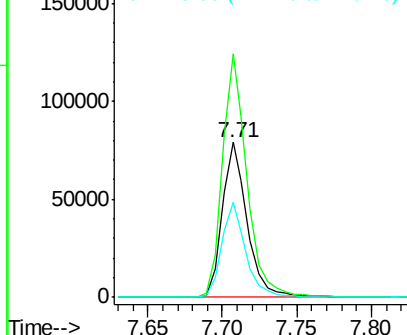
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 981
Delta R.T. -0.02 min
Lab File: BF095059.D
Acq: 10 May 2017 16:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 92228
Ion Ratio Lower Upper
152 100
150 157.4 126.2 189.2
115 61.8 52.2 78.2



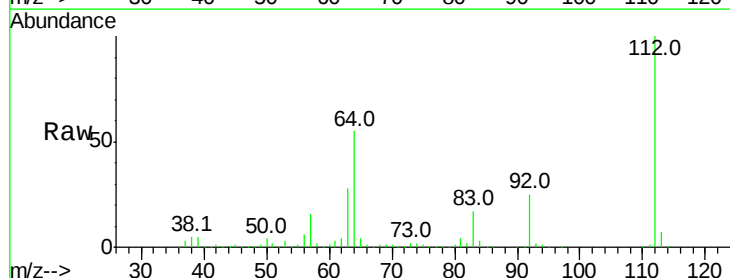
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



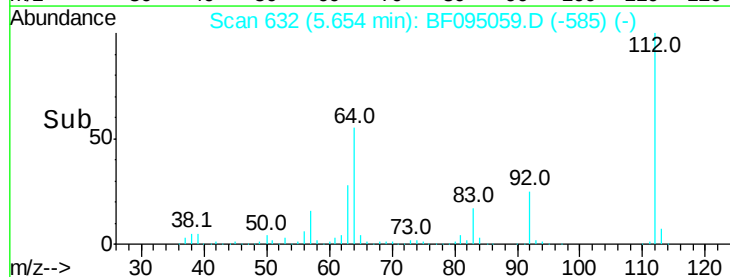
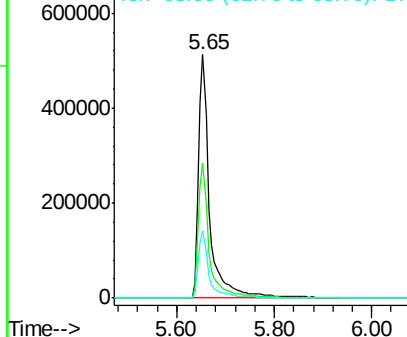
#5

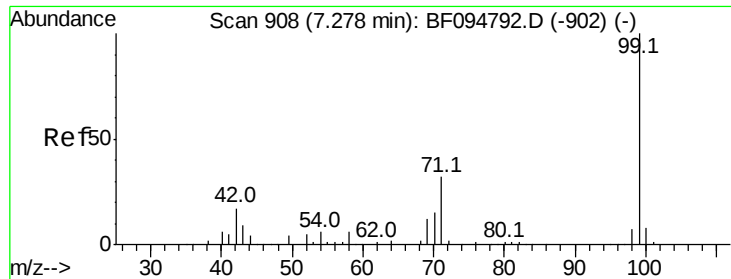
2-Fluorophenol
Concen: 148.99 ng
RT: 5.65 min Scan# 632
Delta R.T. -0.02 min
Lab File: BF095059.D
Acq: 10 May 2017 16:54

Tgt Ion:112 Resp: 824216
Ion Ratio Lower Upper
112 100
64 55.3 46.0 69.0
63 27.7 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: 154.60 ng

RT: 7.25 min Scan# 904

Delta R.T. -0.02 min

Lab File: BF095059.D

Acq: 10 May 2017 16:54

Instrument :

BNA_F

ClientSampleId :

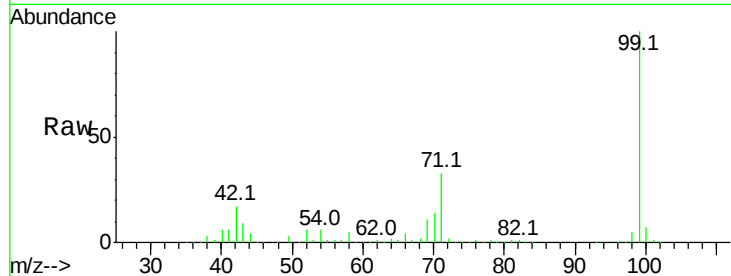
Tot Ion: 99 Resp: 1026149

Ion Ratio Lower Upper

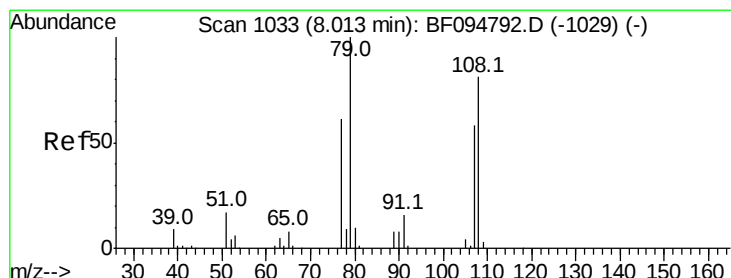
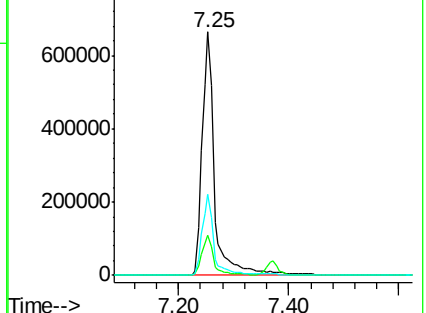
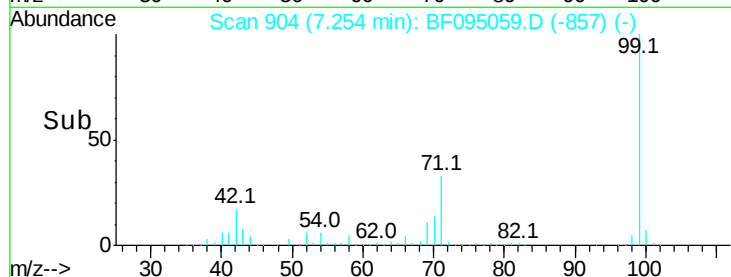
99 100

42 16.6 13.5 20.3

71 33.3 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: 2.18 ng

RT: 7.95 min Scan# 1022

Delta R.T. -0.06 min

Lab File: BF095059.D

Acq: 10 May 2017 16:54

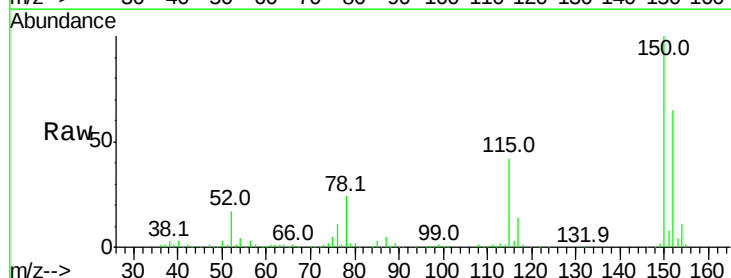
Tgt Ion: 79 Resp: 9318

Ion Ratio Lower Upper

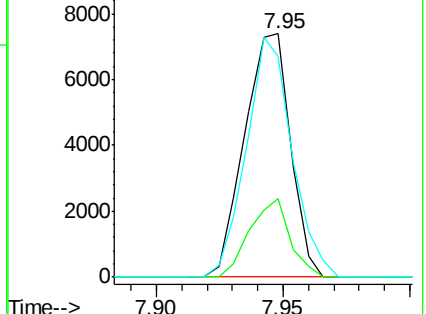
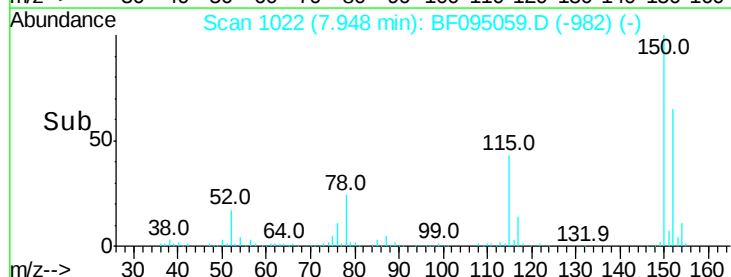
79 100

108 32.2 63.4 95.0#

77 90.4 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: 16.72 ng

RT: 8.61 min Scan# 1134

Delta R.T. 0.16 min

Lab File: BF095059.D

Acq: 10 May 2017 16:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 75047

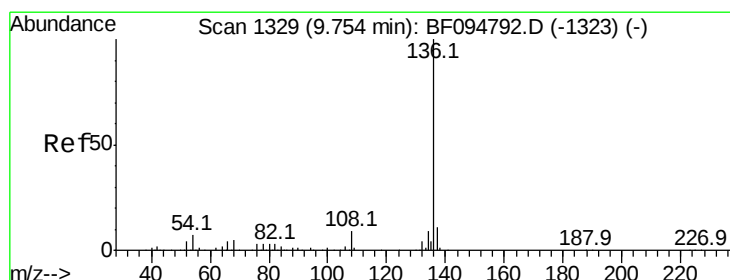
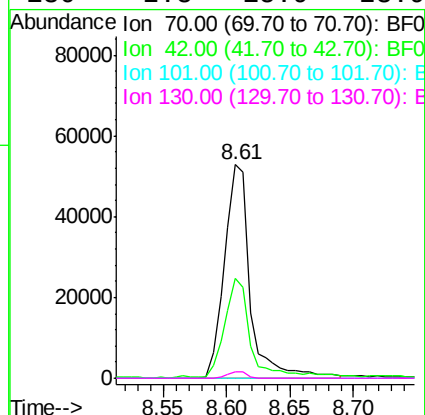
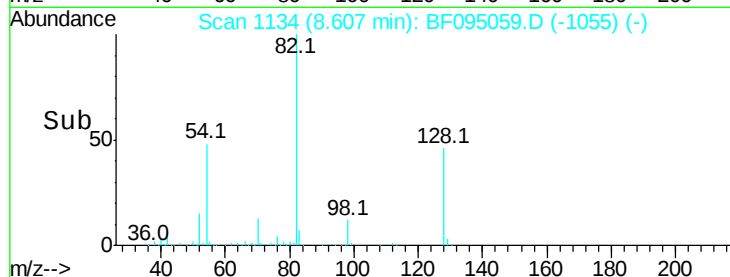
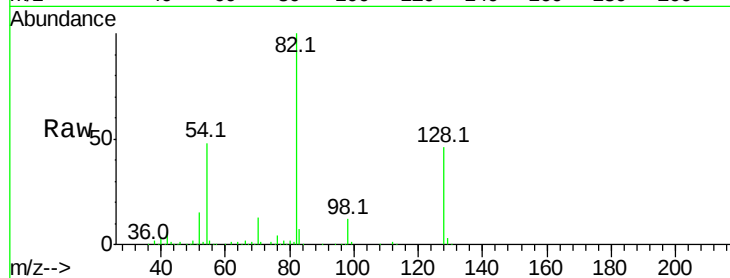
Ion Ratio Lower Upper

70 100

42 46.8 47.2 70.8#

101 0.0 7.2 10.8#

130 2.8 15.9 23.9#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.72 min Scan# 1324

Delta R.T. -0.03 min

Lab File: BF095059.D

Acq: 10 May 2017 16:54

Tgt Ion: 136 Resp: 366613

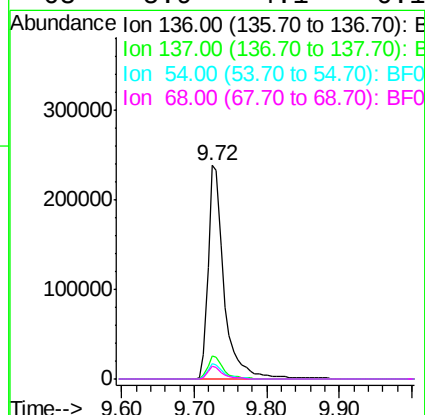
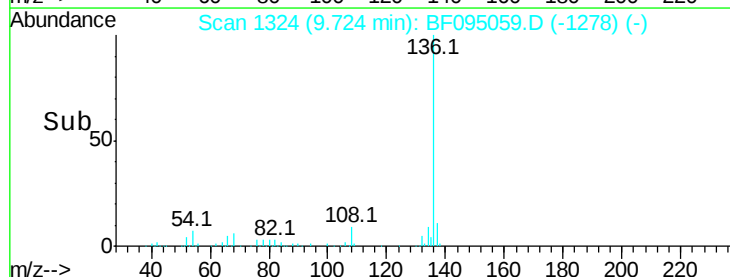
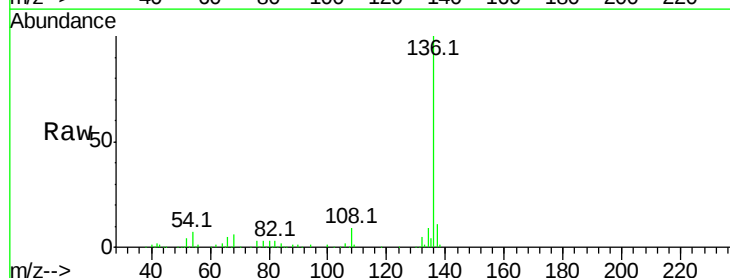
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.5 4.9 7.3#

68 5.9 4.1 6.1

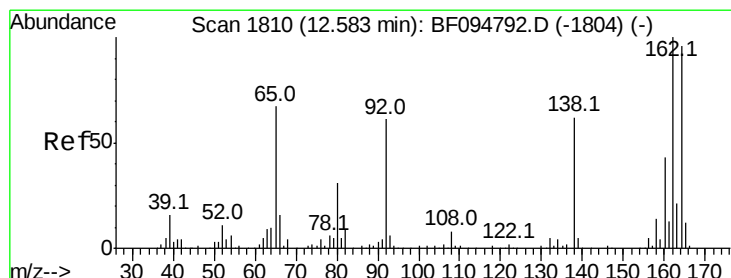
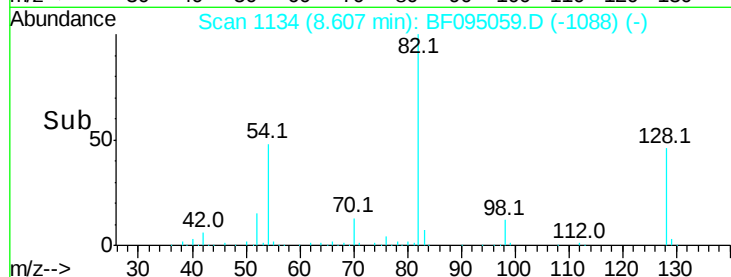
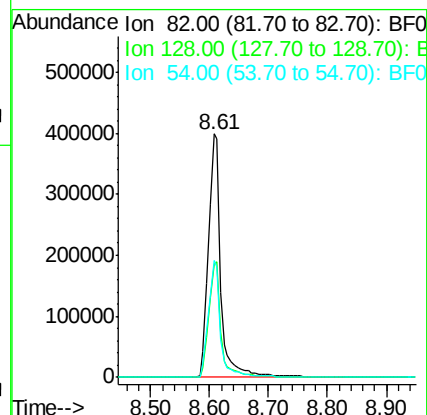
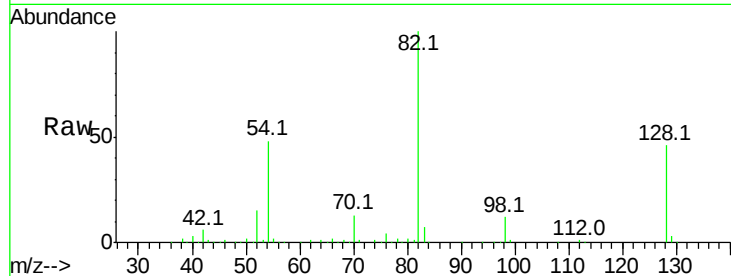




#23
Nitrobenzene-d5
Concen: 101.19 ng
RT: 8.61 min Scan# 1134
Delta R.T. -0.03 min
Lab File: BF095059.D
Acq: 10 May 2017 16:54

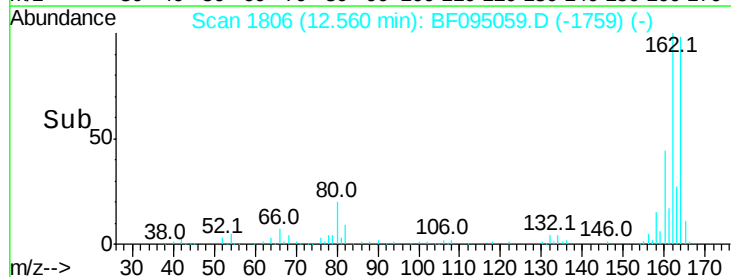
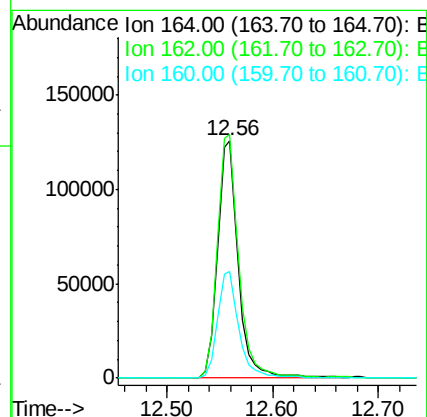
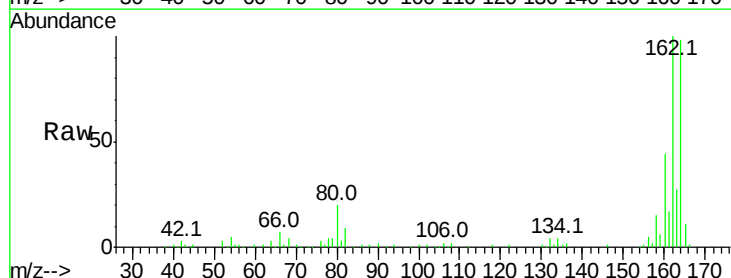
Instrument :
BNA_F
ClientSampleID :

Tot Ion: 82 Resp: 588296
Ion Ratio Lower Upper
82 100
128 46.3 34.0 51.0
54 48.1 42.2 63.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.56 min Scan# 1806
Delta R.T. -0.02 min
Lab File: BF095059.D
Acq: 10 May 2017 16:54

Tgt Ion:164 Resp: 174643
Ion Ratio Lower Upper
164 100
162 102.5 82.6 123.8
160 45.0 36.2 54.2

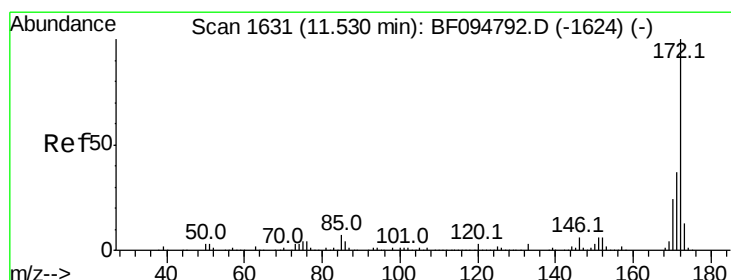
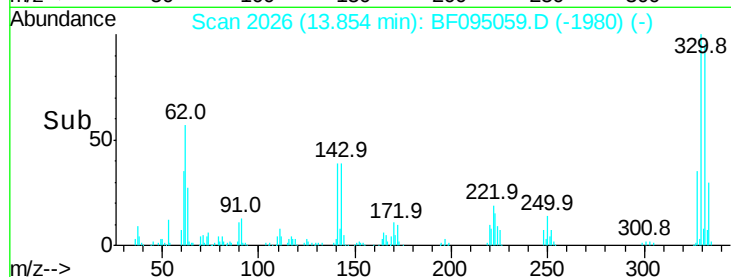
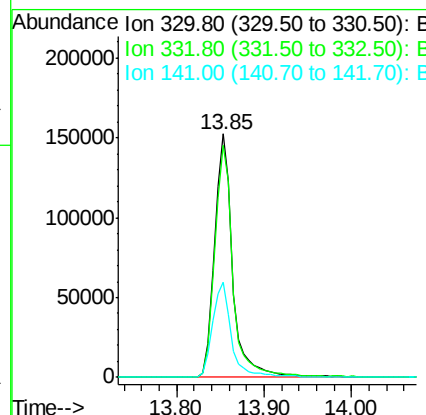
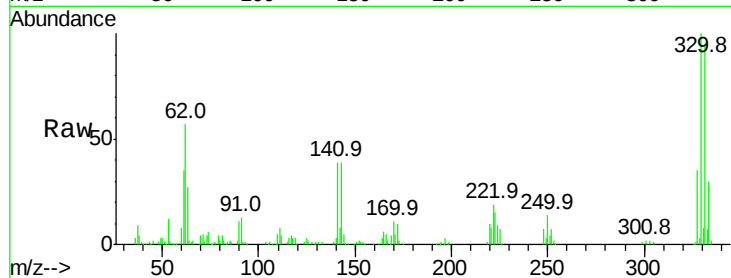




#41
 2,4,6-Tribromophenol
 Concen: 154.14 ng
 RT: 13.85 min Scan# 2026
 Delta R.T. -0.03 min
 Lab File: BF095059.D
 Acq: 10 May 2017 16:54

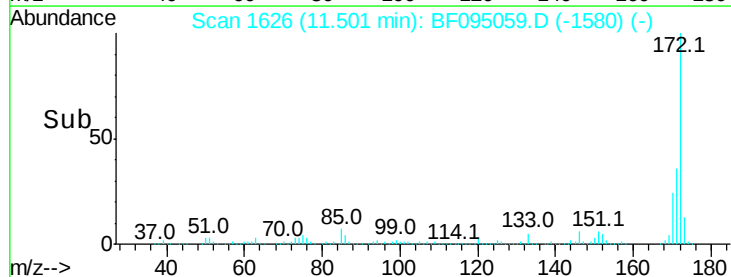
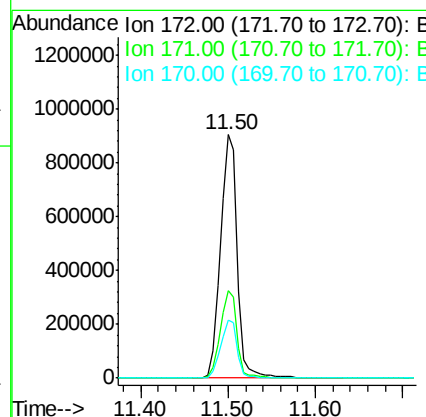
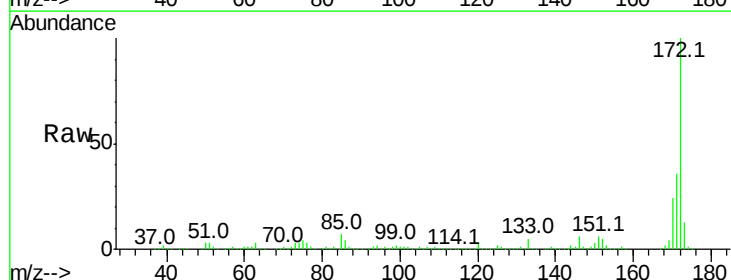
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.6	115.0
141	40.5	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 98.95 ng
 RT: 11.50 min Scan# 1626
 Delta R.T. -0.03 min
 Lab File: BF095059.D
 Acq: 10 May 2017 16:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	23.8	19.8	29.8





#49

Dimethylphthalate

Concen: 10.91 ng

RT: 12.19 min Scan# 1744

Delta R.T. -0.04 min

Lab File: BF095059.D

Acq: 10 May 2017 16:54

Instrument :

BNA_F

ClientSampleId :

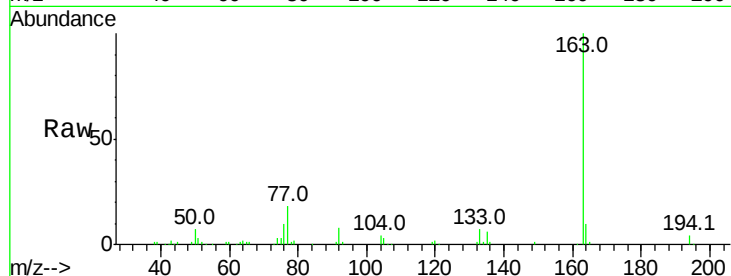
Tot Ion:163 Resp: 156452

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

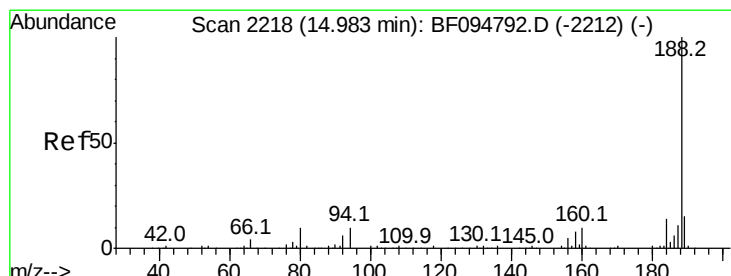
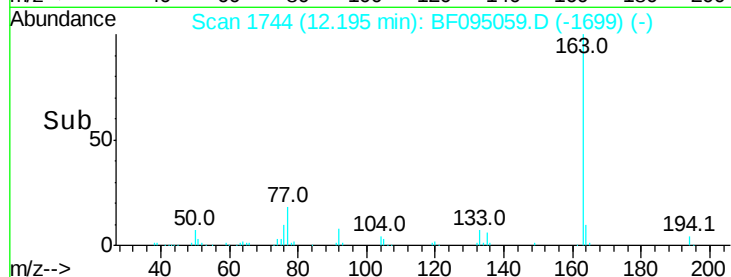
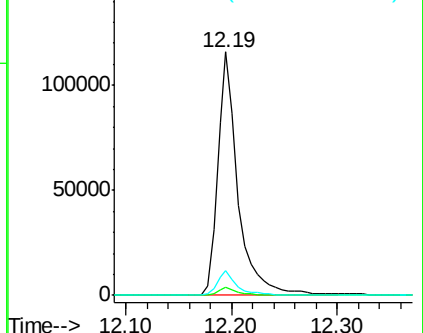
164 10.4 8.4 12.6



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: 14.96 min Scan# 2214

Delta R.T. -0.02 min

Lab File: BF095059.D

Acq: 10 May 2017 16:54

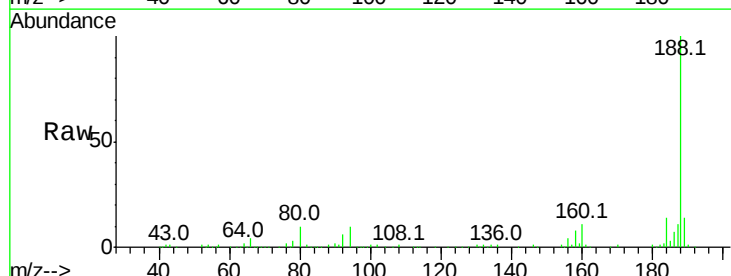
Tgt Ion:188 Resp: 313974

Ion Ratio Lower Upper

188 100

94 9.9 9.4 14.2

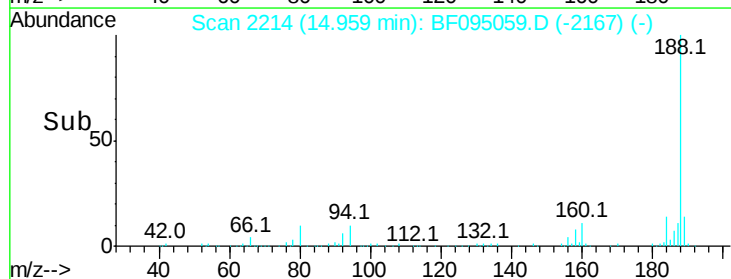
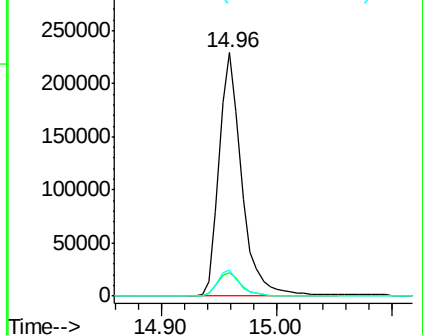
80 10.5 10.2 15.2

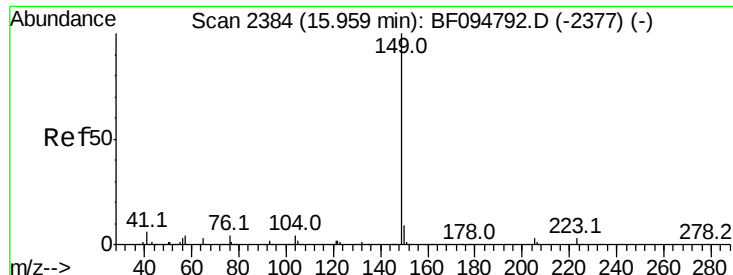


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

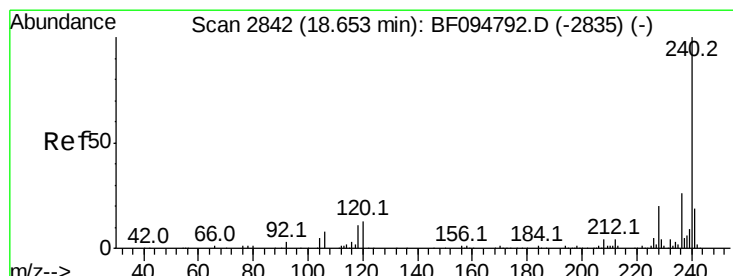
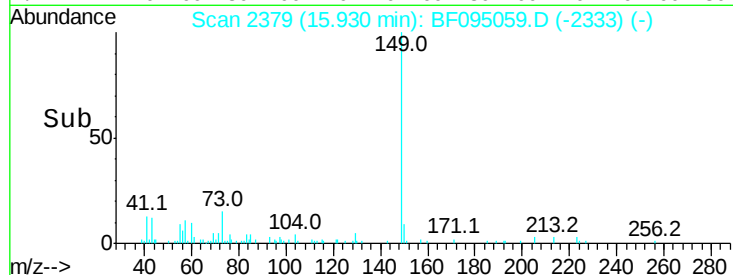
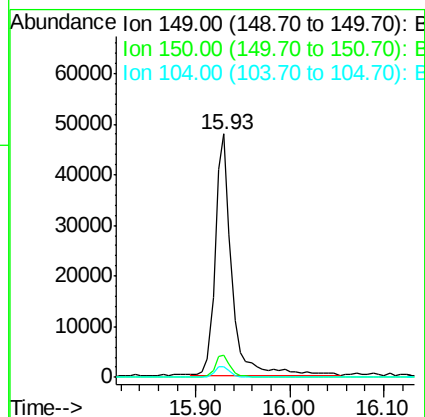
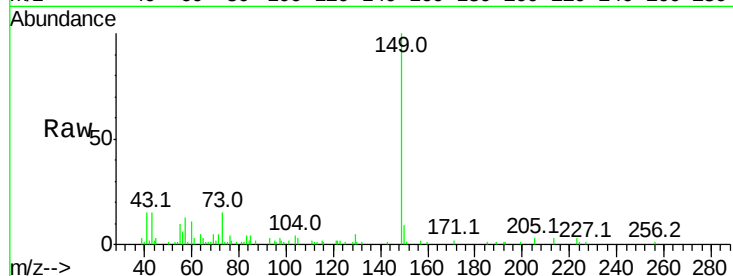




#73
Di-n-butylphthalate
Concen: 2.82 ng
RT: 15.93 min Scan# 2379
Delta R.T. -0.03 min
Lab File: BF095059.D
Acq: 10 May 2017 16:54

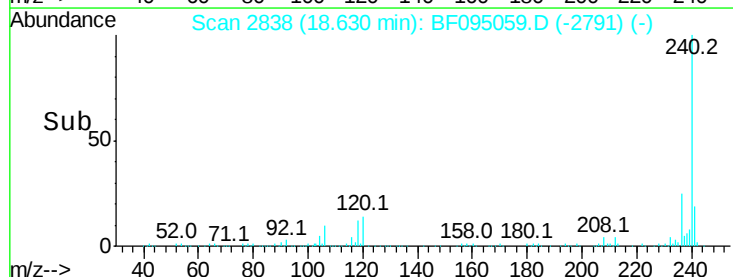
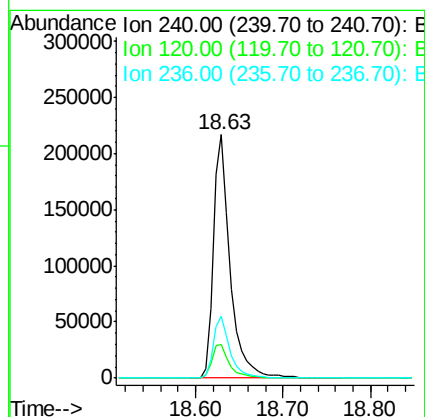
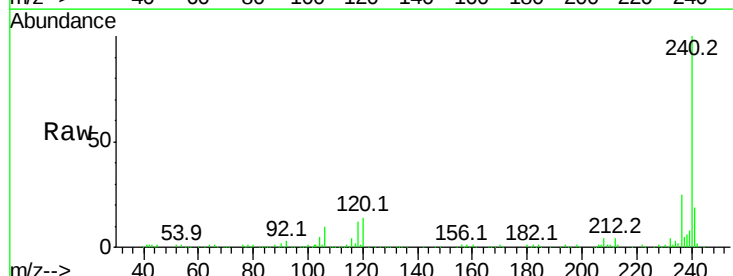
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 59054
Ion Ratio Lower Upper
149 100
150 9.1 7.7 11.5
104 4.3 4.0 6.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.63 min Scan# 2838
Delta R.T. -0.02 min
Lab File: BF095059.D
Acq: 10 May 2017 16:54

Tgt Ion:240 Resp: 287135
Ion Ratio Lower Upper
240 100
120 14.0 5.8 8.8#
236 25.5 20.5 30.7

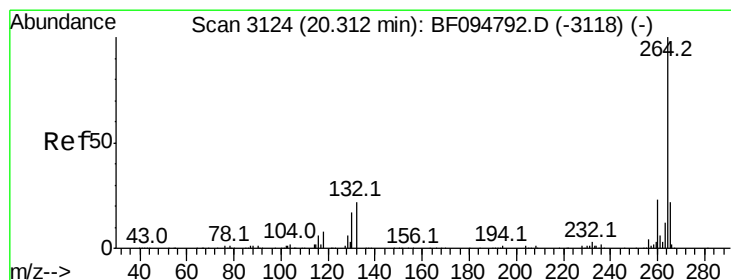
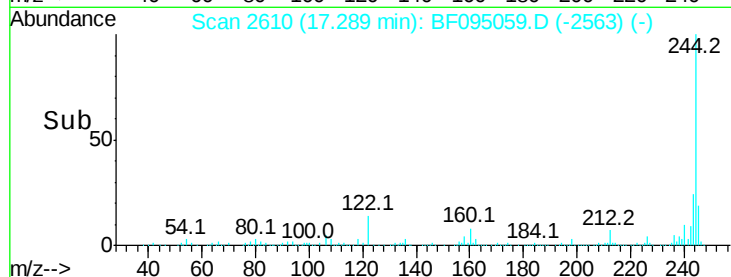
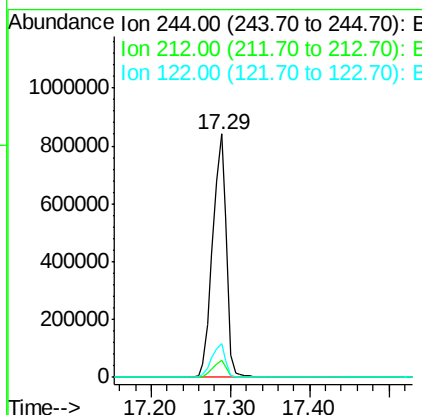
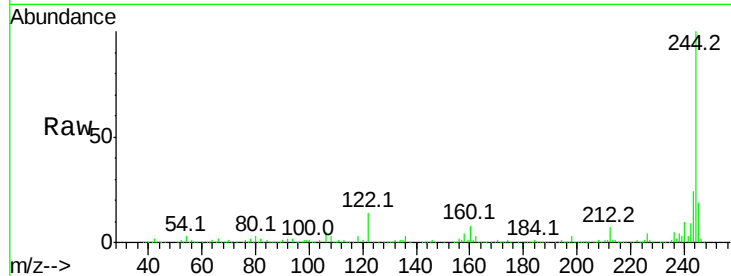




#78
 Terphenyl-d14
 Concen: 77.66 ng
 RT: 17.29 min Scan# 2610
 Delta R.T. -0.02 min
 Lab File: BF095059.D
 Acq: 10 May 2017 16:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1012437
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 13.7 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.30 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BF095059.D
 Acq: 10 May 2017 16:54

Tgt Ion:264 Resp: 209264
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.5 29.3
 265 21.3 17.2 25.8

