

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051017\
 Data File : BF095058.D
 Acq On : 10 May 2017 16:21
 Operator : SJ/MA
 Sample : PB98833BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 10 18:05:27 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

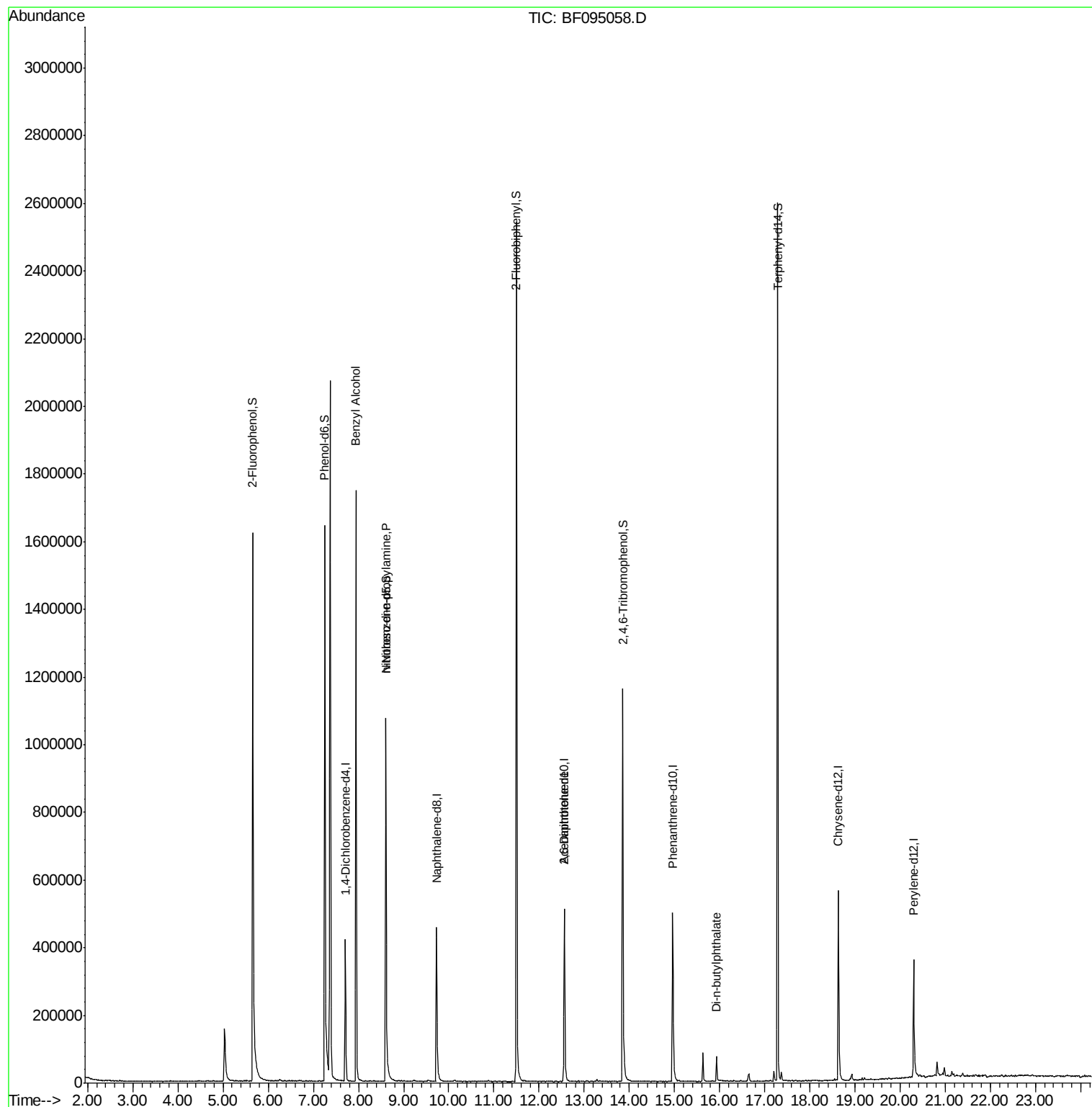
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	91483	20.00	ng	-0.02
21) Naphthalene-d8	9.73	136	374023	20.00	ng	-0.02
38) Acenaphthene-d10	12.56	164	172543	20.00	ng	-0.02
63) Phenanthrene-d10	14.96	188	325134	20.00	ng	-0.02
75) Chrysene-d12	18.63	240	294845	20.00	ng	-0.02
86) Perylene-d12	20.30	264	202831	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	832078	151.64	ng	-0.02
7) Phenol-d6	7.25	99	979244	148.74	ng	-0.02
23) Nitrobenzene-d5	8.61	82	569459	96.01	ng	-0.03
41) 2,4,6-Tribromophenol	13.85	330	214034	151.47	ng	-0.03
44) 2-Fluorobiphenyl	11.50	172	1133082	94.52	ng	-0.03
78) Terphenyl-d14	17.29	244	1049841	78.43	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	7.95	79	9566	2.26	ng	# 40
19) n-Nitroso-di-n-propylamine	8.61	70	71569	16.07	ng	# 76
50) 2,6-Dinitrotoluene	12.56	165	16125	5.58	ng	# 31
73) Di-n-butylphthalate	15.93	149	59367	2.74	ng	# 95

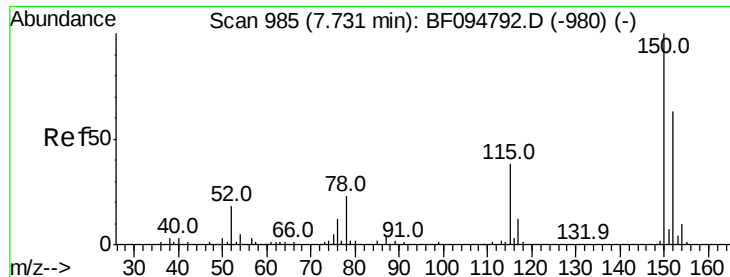
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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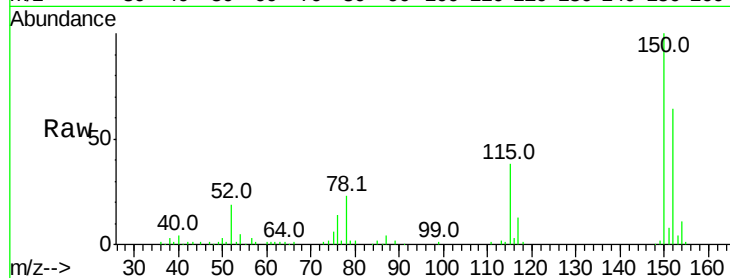


#1

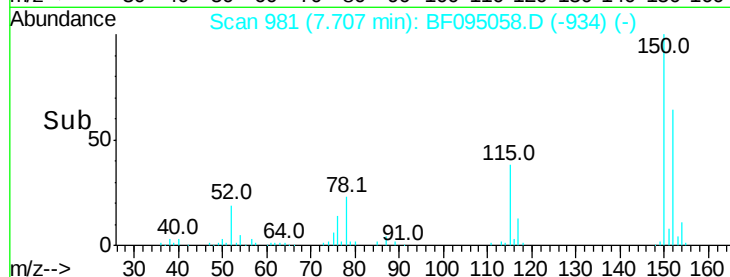
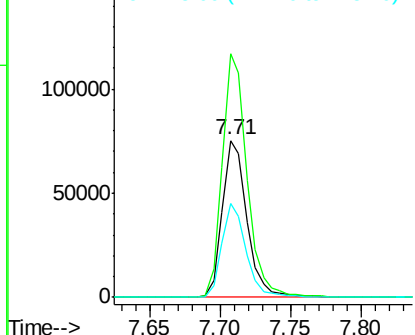
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 981
Delta R.T. -0.02 min
Lab File: BF095058.D
Acq: 10 May 2017 16:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 91483
Ion Ratio Lower Upper
152 100
150 155.1 126.2 189.2
115 59.6 52.2 78.2



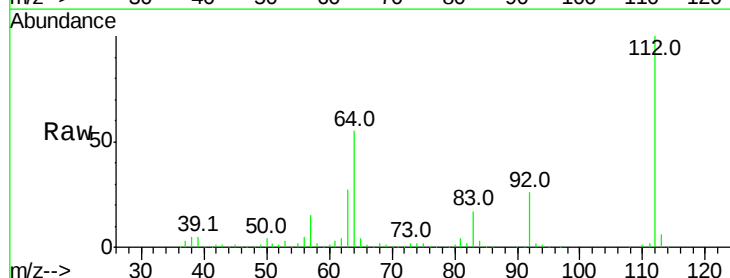
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



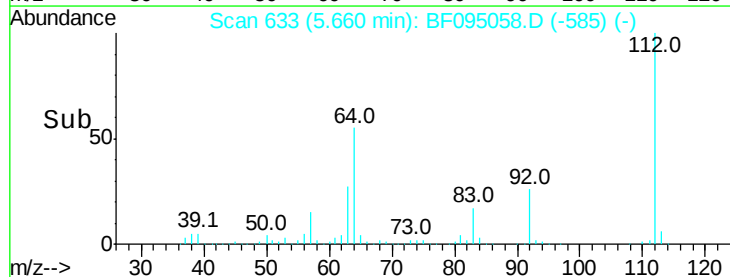
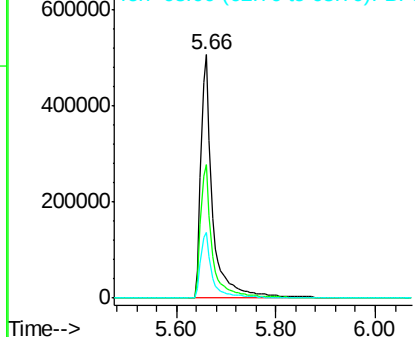
#5

2-Fluorophenol
Concen: 151.64 ng
RT: 5.66 min Scan# 633
Delta R.T. -0.02 min
Lab File: BF095058.D
Acq: 10 May 2017 16:21

Tgt Ion:112 Resp: 832078
Ion Ratio Lower Upper
112 100
64 54.6 46.0 69.0
63 27.1 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: 148.74 ng

RT: 7.25 min Scan# 904

Delta R.T. -0.02 min

Lab File: BF095058.D

Acq: 10 May 2017 16:21

Instrument :

BNA_F

ClientSampled :

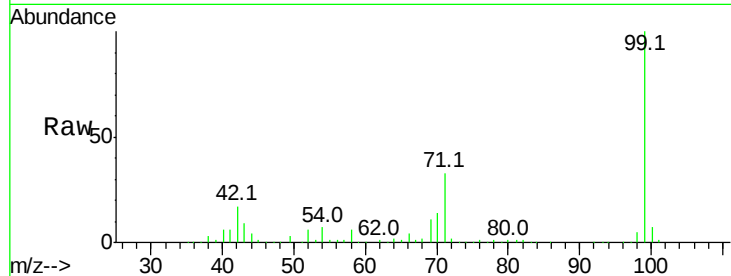
Tot Ion: 99 Resp: 979244

Ion Ratio Lower Upper

99 100

42 16.8 13.5 20.3

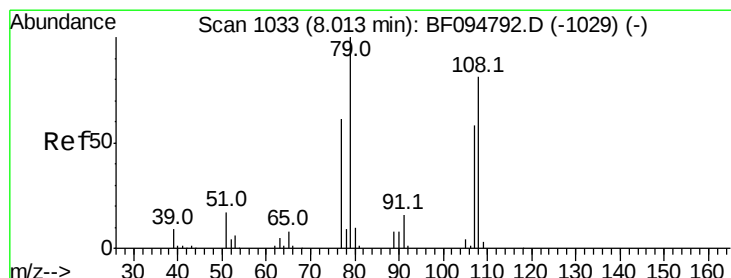
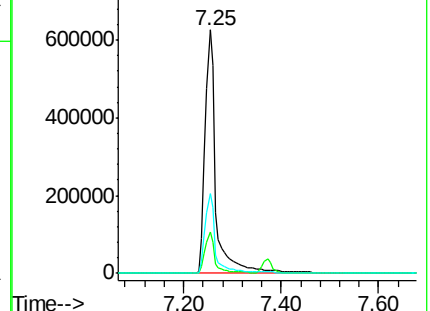
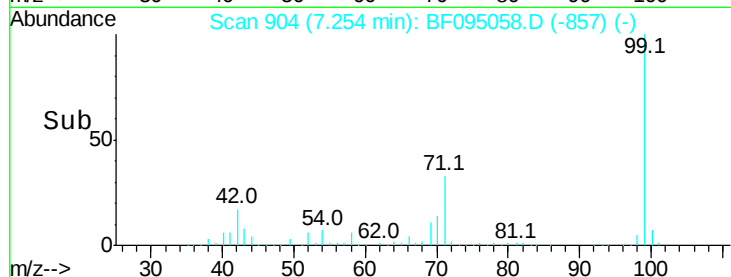
71 32.9 24.5 36.7



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: 2.26 ng

RT: 7.95 min Scan# 1022

Delta R.T. -0.06 min

Lab File: BF095058.D

Acq: 10 May 2017 16:21

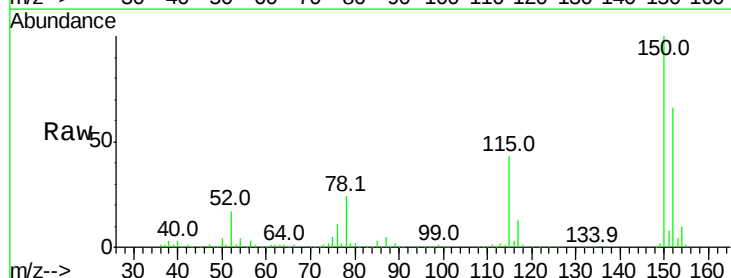
Tgt Ion: 79 Resp: 9566

Ion Ratio Lower Upper

79 100

108 27.4 63.4 95.0#

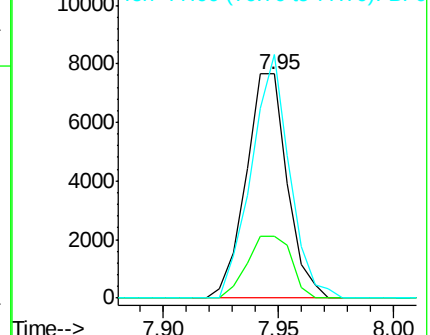
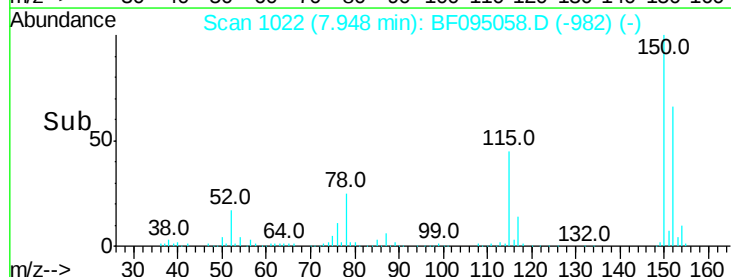
77 108.6 49.2 73.8#



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: 16.07 ng

RT: 8.61 min Scan# 1134

Delta R.T. 0.16 min

Lab File: BF095058.D

Acq: 10 May 2017 16:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 71569

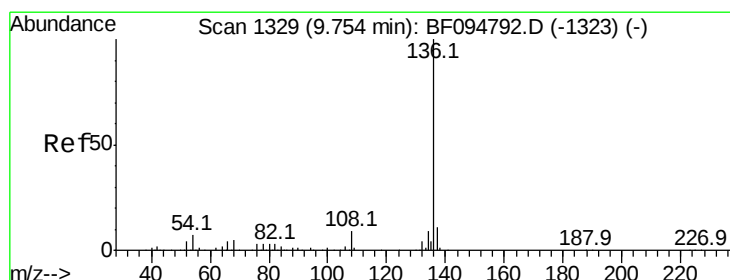
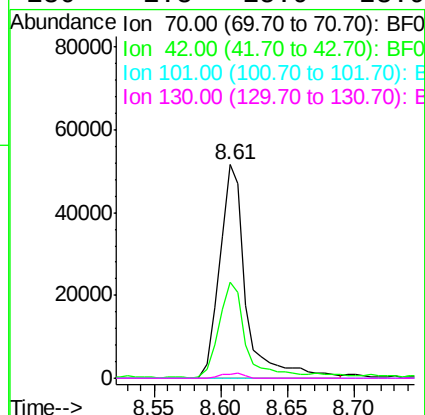
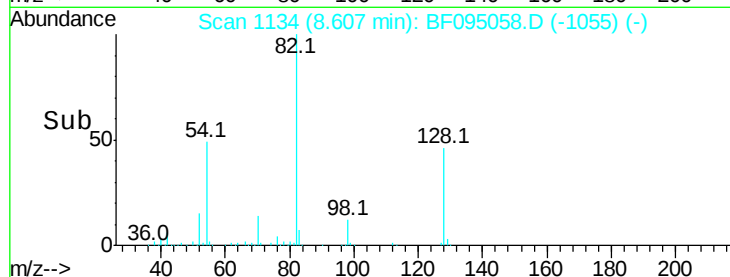
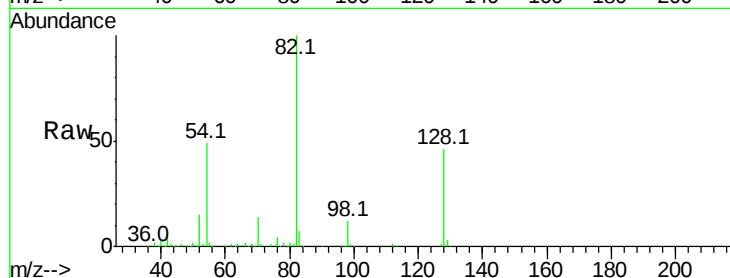
Ion Ratio Lower Upper

70 100

42 45.1 47.2 70.8#

101 0.0 7.2 10.8#

130 1.8 15.9 23.9#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.73 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BF095058.D

Acq: 10 May 2017 16:21

Tgt Ion:136 Resp: 374023

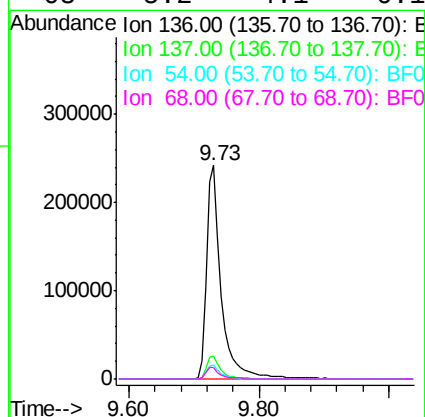
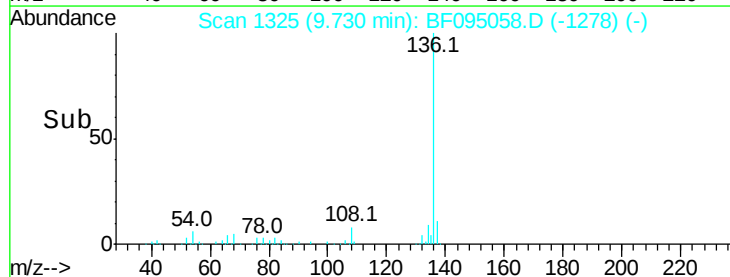
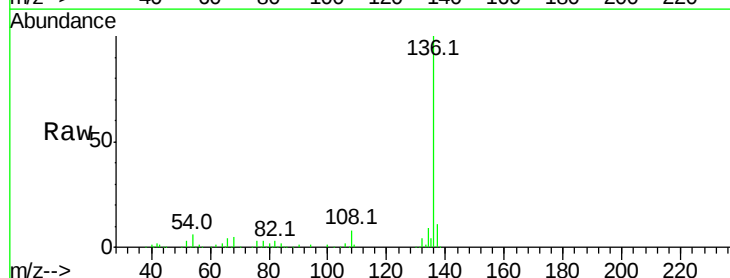
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 6.5 4.9 7.3

68 5.2 4.1 6.1

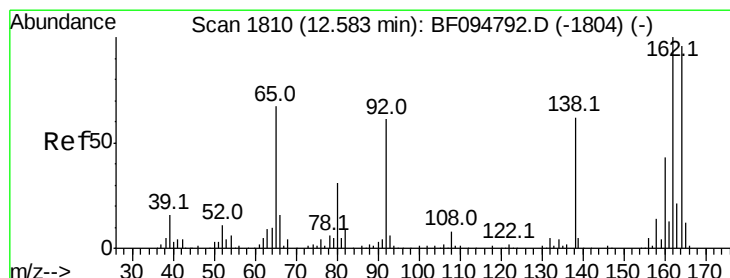
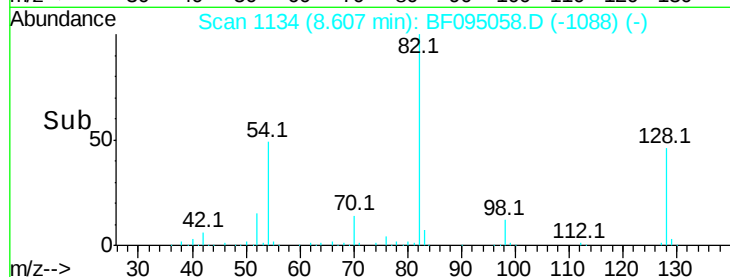
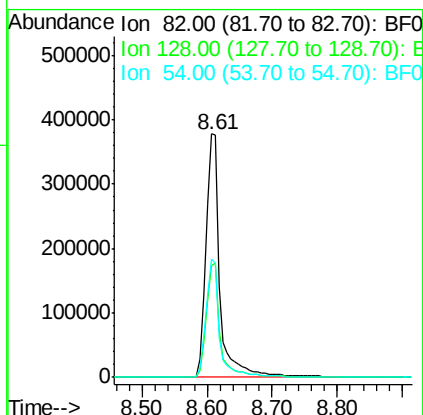
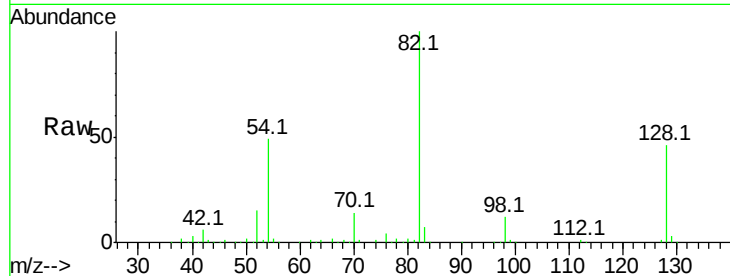




#23
Nitrobenzene-d5
Concen: 96.01 ng
RT: 8.61 min Scan# 1134
Delta R.T. -0.03 min
Lab File: BF095058.D
Acq: 10 May 2017 16:21

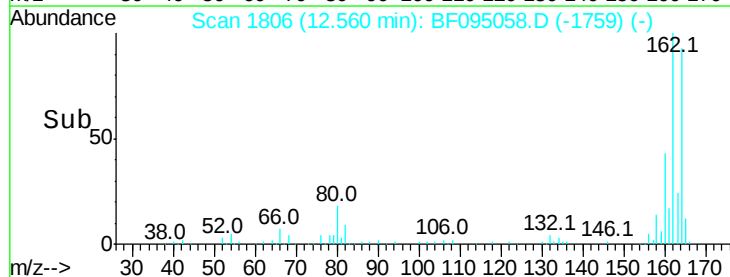
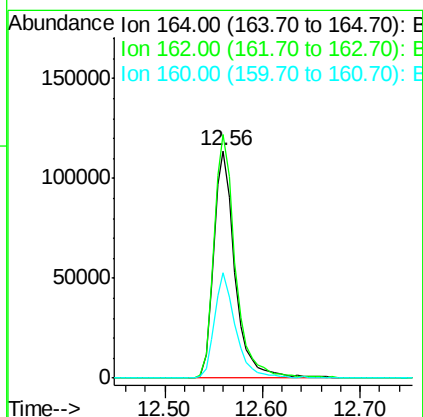
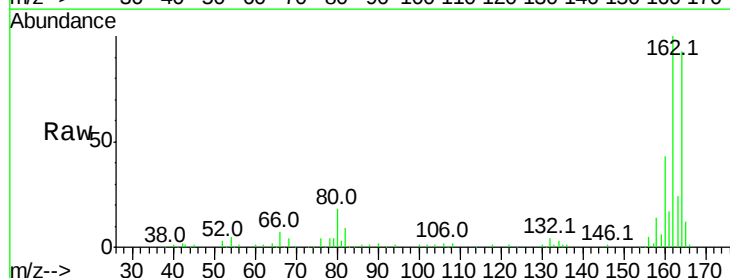
Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 569459
Ion Ratio Lower Upper
82 100
128 46.0 34.0 51.0
54 48.6 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: BF095058.D
Acq: 10 May 2017 16:21

Tgt Ion:164 Resp: 172543
Ion Ratio Lower Upper
164 100
162 107.2 82.6 123.8
160 46.6 36.2 54.2

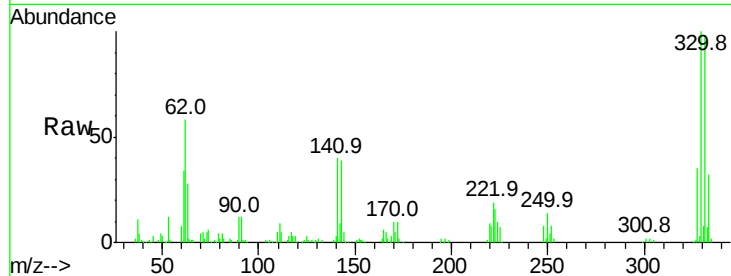




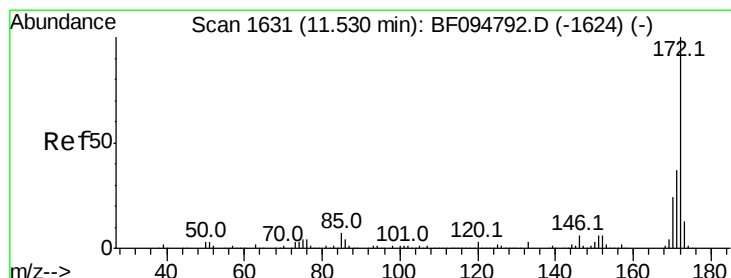
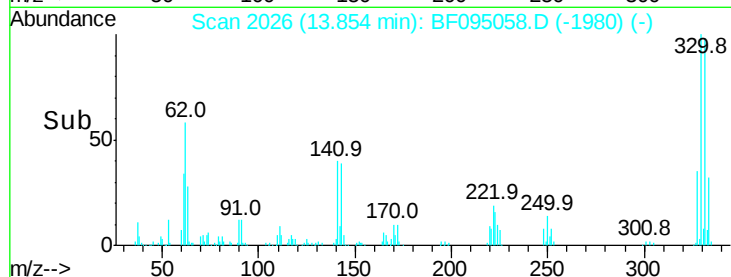
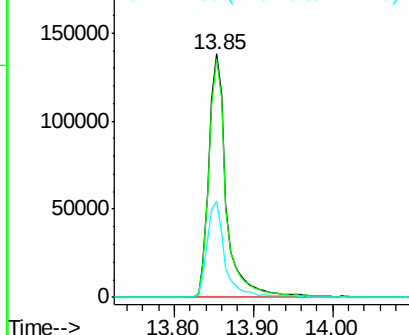
#41
 2,4,6-Tribromophenol
 Concen: 151.47 ng
 RT: 13.85 min Scan# 2026
 Delta R.T. -0.03 min
 Lab File: BF095058.D
 Acq: 10 May 2017 16:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 214034
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.6 115.0
 141 40.2 31.4 47.2

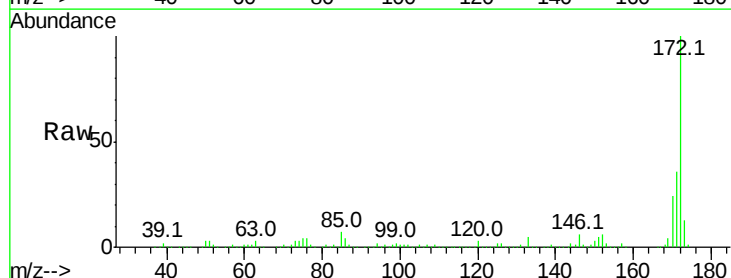


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

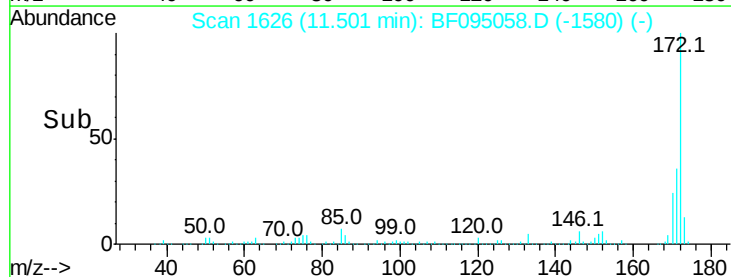
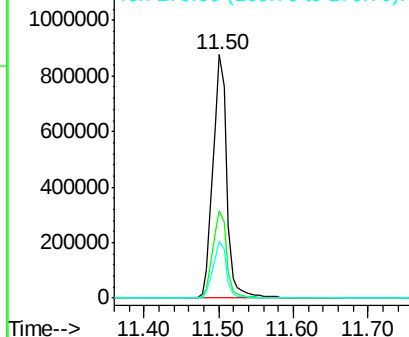


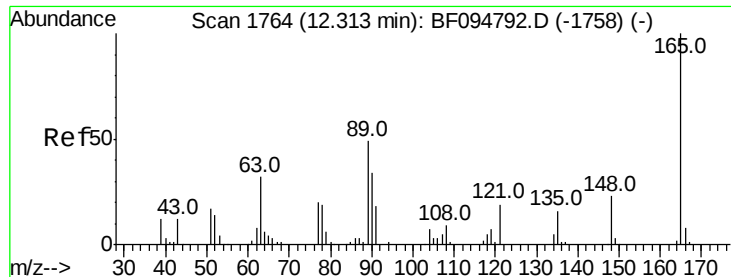
#44
 2-Fluorobiphenyl
 Concen: 94.52 ng
 RT: 11.50 min Scan# 1626
 Delta R.T. -0.03 min
 Lab File: BF095058.D
 Acq: 10 May 2017 16:21

Tgt Ion:172 Resp: 1133082
 Ion Ratio Lower Upper
 172 100
 171 36.0 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

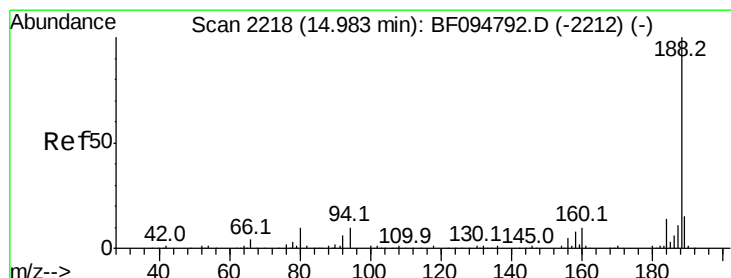
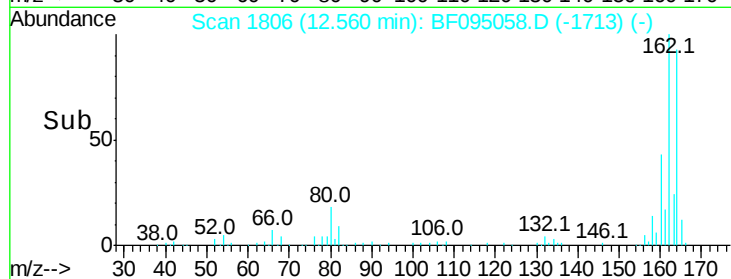
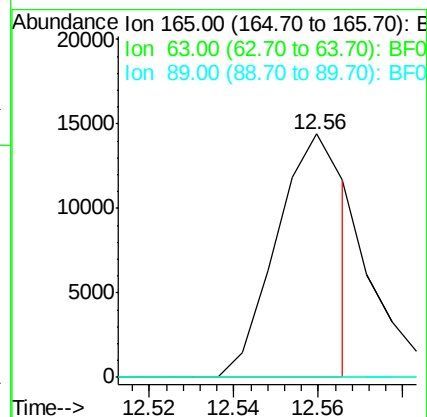
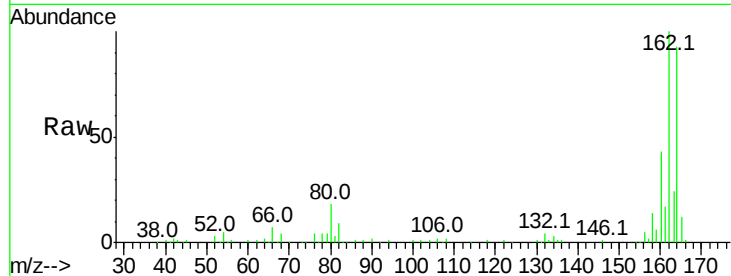




#50
 2,6-Dinitrotoluene
 Concen: 5.58 ng
 RT: 12.56 min Scan# 1806
 Delta R.T. 0.25 min
 Lab File: BF095058.D
 Acq: 10 May 2017 16:21

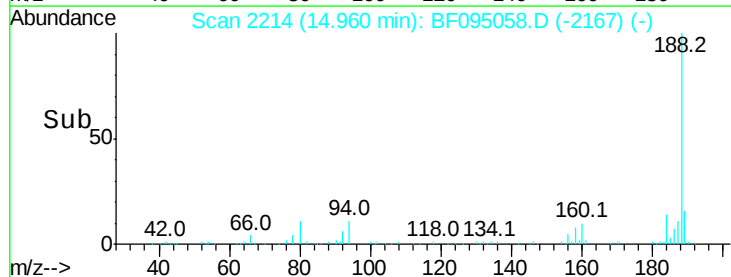
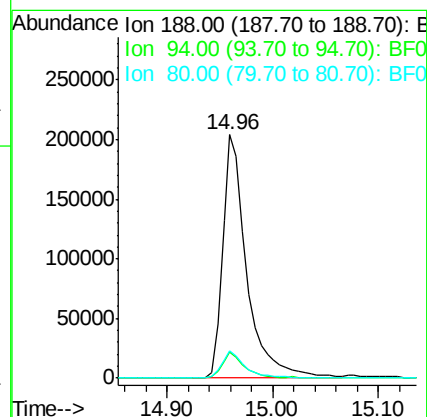
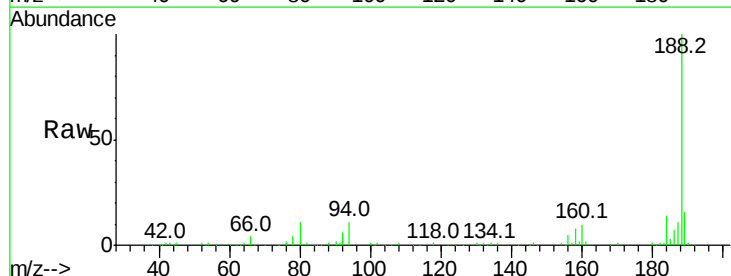
Instrument :
 BNA_F
 ClientSampleId :

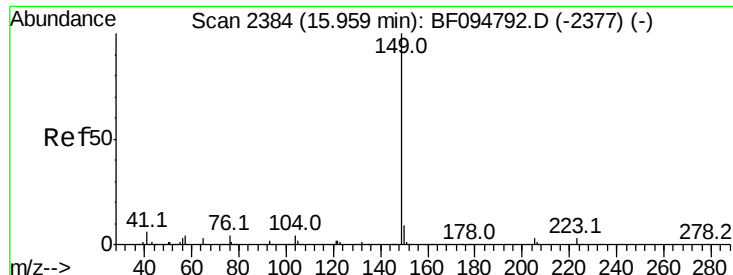
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.96 min Scan# 2214
 Delta R.T. -0.02 min
 Lab File: BF095058.D
 Acq: 10 May 2017 16:21

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.6	9.4	14.2
80	11.4	10.2	15.2

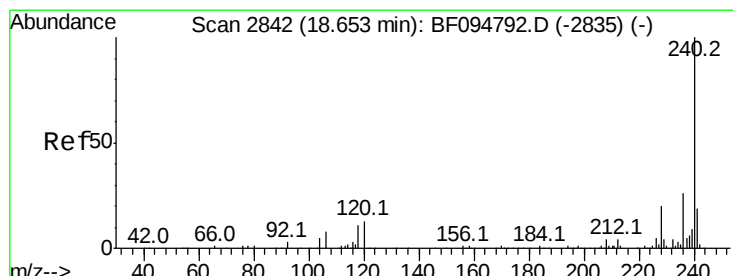
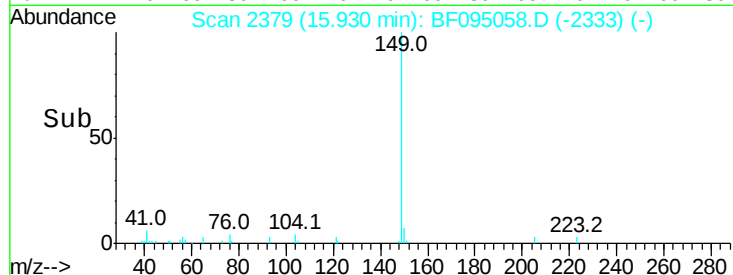
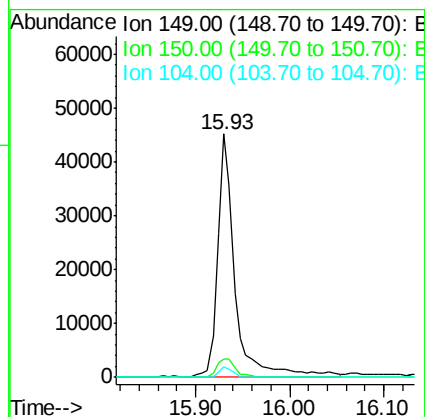
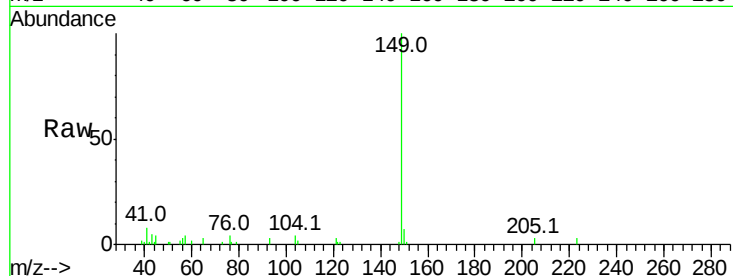




#73
Di-n-butylphthalate
Concen: 2.74 ng
RT: 15.93 min Scan# 2379
Delta R.T. -0.03 min
Lab File: BF095058.D
Acq: 10 May 2017 16:21

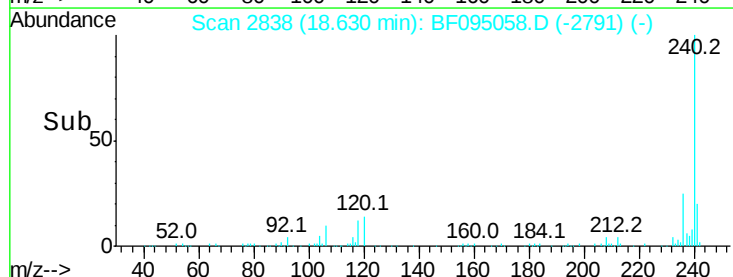
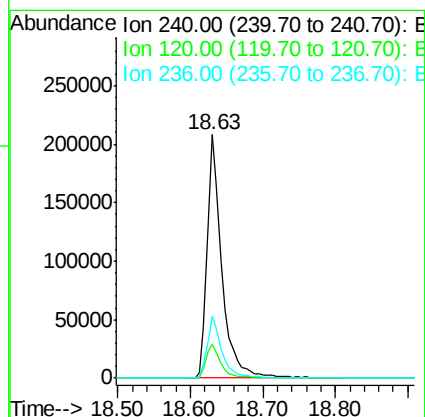
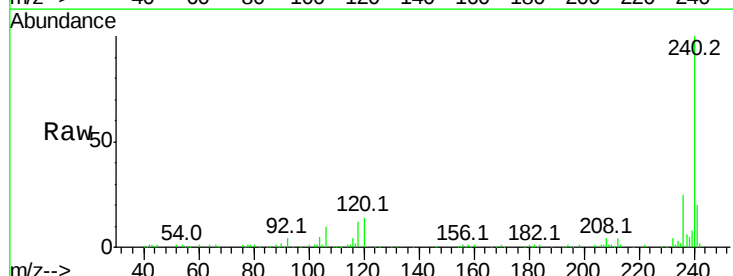
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 59367
Ion Ratio Lower Upper
149 100
150 7.4 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: BF095058.D
Acq: 10 May 2017 16:21

Tgt Ion:240 Resp: 294845
Ion Ratio Lower Upper
240 100
120 13.8 5.8 8.8#
236 25.3 20.5 30.7

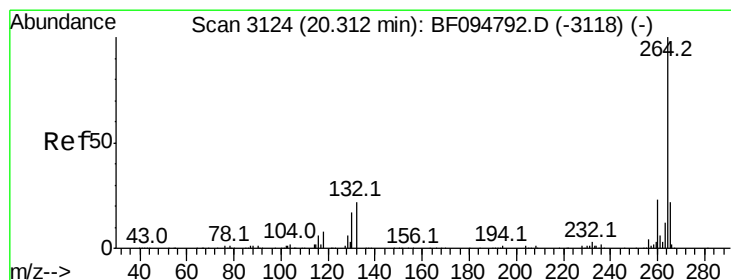
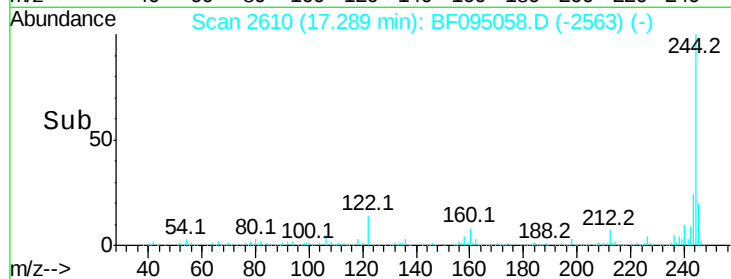
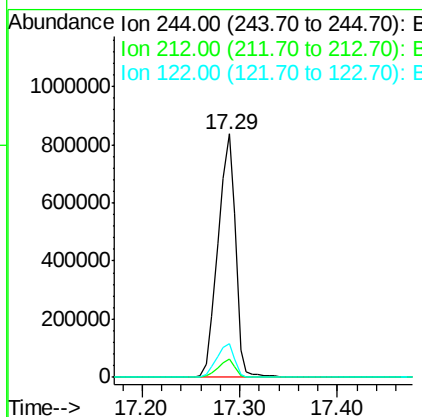
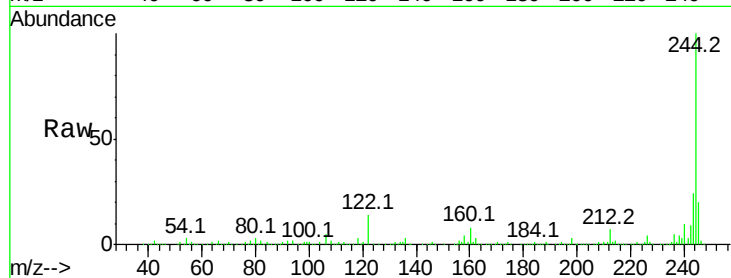




#78
 Terphenyl-d14
 Concen: 78.43 ng
 RT: 17.29 min Scan# 2610
 Delta R.T. -0.02 min
 Lab File: BF095058.D
 Acq: 10 May 2017 16:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1049841
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 13.9 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: BF095058.D
 Acq: 10 May 2017 16:21

Tgt Ion:264 Resp: 202831
 Ion Ratio Lower Upper
 264 100
 260 22.3 19.5 29.3
 265 21.6 17.2 25.8

