

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051117\
 Data File : BF095103.D
 Acq On : 12 May 2017 4:08
 Operator : SJ/MA
 Sample : I3062-12
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 12 05:03:33 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

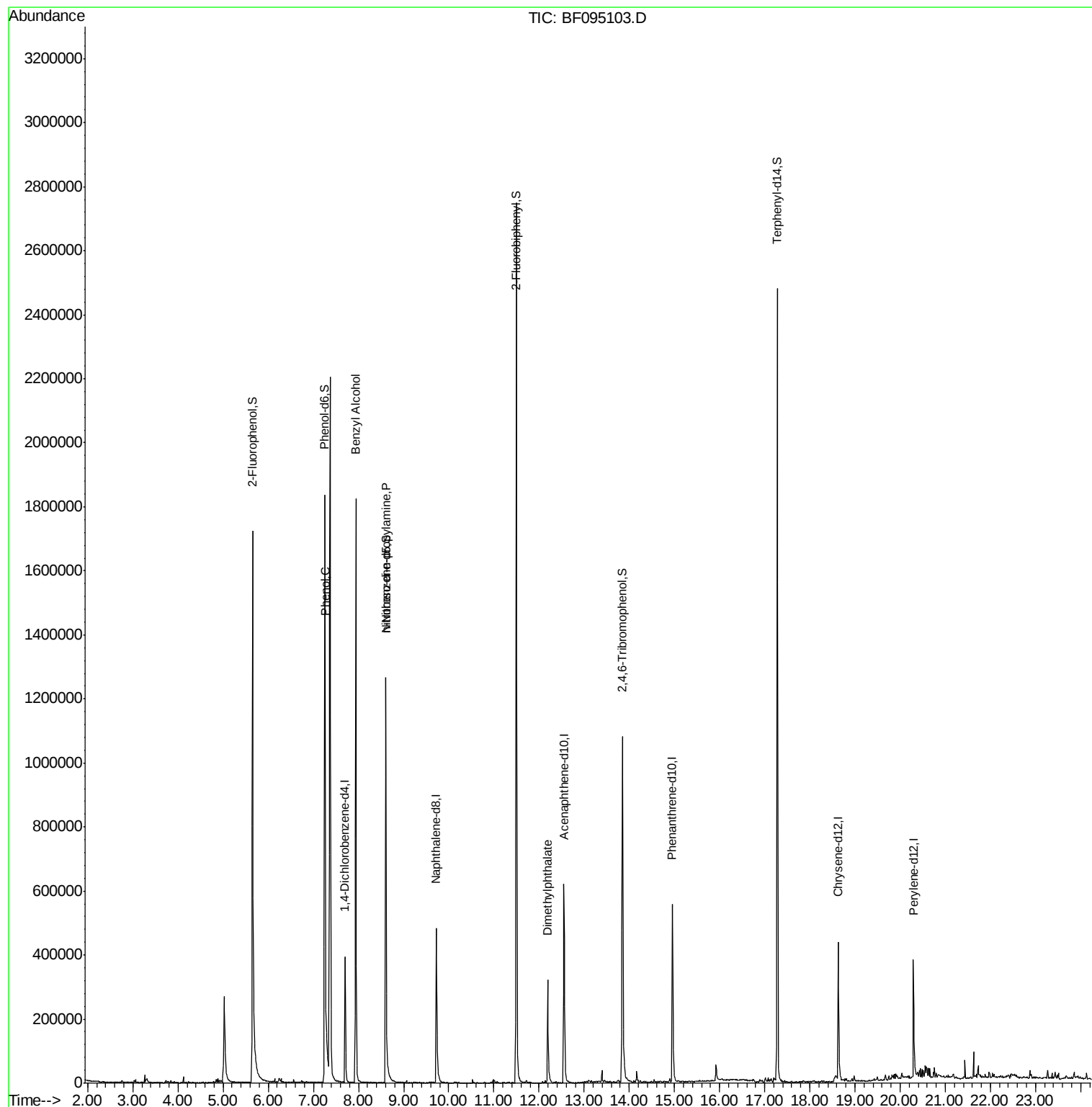
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	89017	20.00	ng	-0.02
21) Naphthalene-d8	9.72	136	406365	20.00	ng	-0.03
38) Acenaphthene-d10	12.55	164	193770	20.00	ng	-0.03
63) Phenanthrene-d10	14.95	188	342747	20.00	ng	-0.03
75) Chrysene-d12	18.63	240	234106	20.00	ng	-0.02
86) Perylene-d12	20.29	264	190522	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	907298	169.93	ng	-0.02
7) Phenol-d6	7.25	99	1152339	179.88	ng	-0.02
23) Nitrobenzene-d5	8.61	82	635044	98.54	ng	-0.03
41) 2,4,6-Tribromophenol	13.85	330	206245	129.97	ng	-0.04
44) 2-Fluorobiphenyl	11.50	172	1294338	96.14	ng	-0.03
78) Terphenyl-d14	17.28	244	955522	89.90	ng	-0.03
Target Compounds						
10) Phenol	7.27	94	27289	4.04	ng	# 73
15) Benzyl Alcohol	7.94	79	9183	2.23	ng	# 43
19) n-Nitroso-di-n-propylamine	8.61	70	78730	18.17	ng	# 76
49) Dimethylphthalate	12.19	163	229220	14.41	ng	99

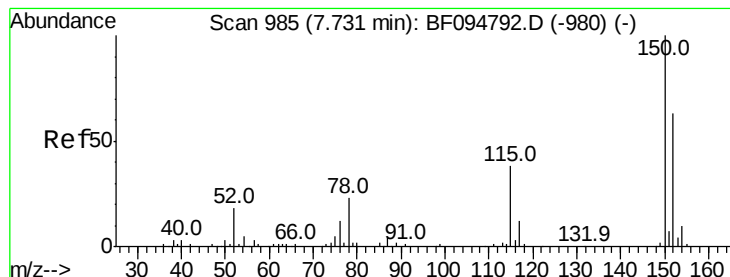
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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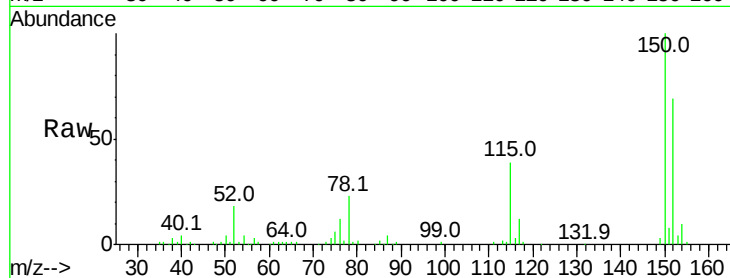


#1

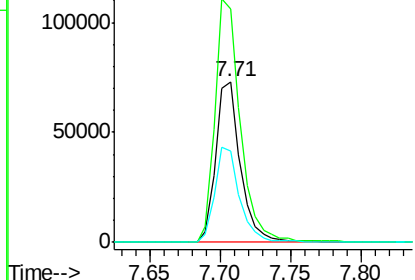
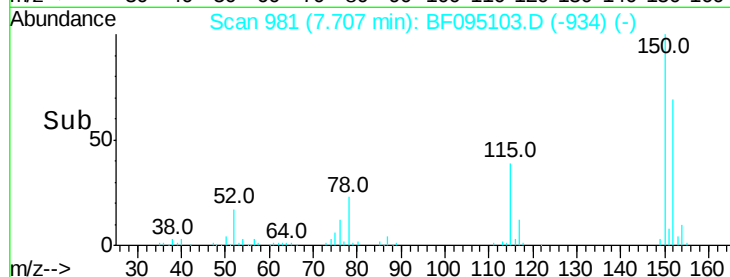
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 981
Delta R.T. -0.02 min
Lab File: BF095103.D
Acq: 12 May 2017 4:08

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.4	126.2	189.2
115	57.1	52.2	78.2



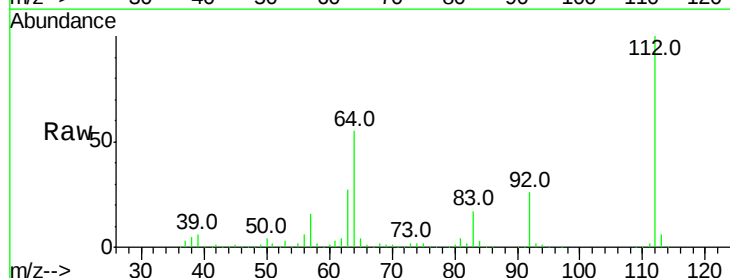
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



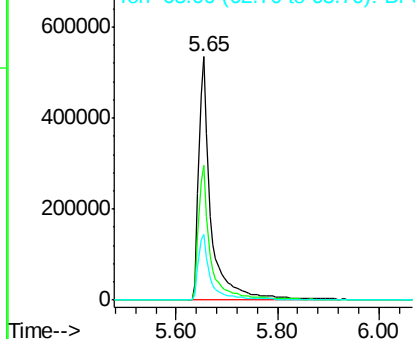
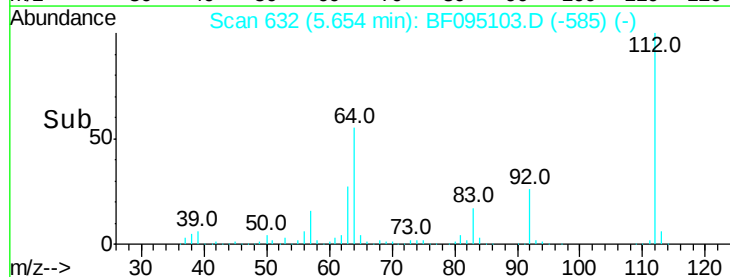
#5

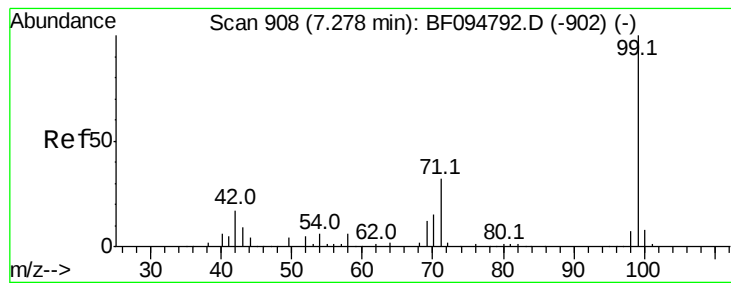
2-Fluorophenol
Concen: 169.93 ng
RT: 5.65 min Scan# 632
Delta R.T. -0.02 min
Lab File: BF095103.D
Acq: 12 May 2017 4:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.3	46.0	69.0
63	26.8	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: 179.88 ng

RT: 7.25 min Scan# 904

Delta R.T. -0.02 min

Lab File: BF095103.D

Acq: 12 May 2017 4:08

Instrument :

BNA_F

ClientSampled :

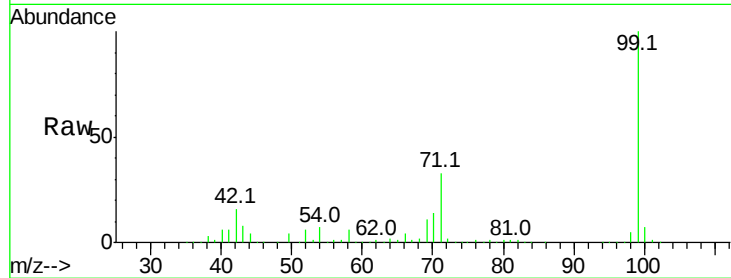
Tot Ion: 99 Resp: 1152339

Ion Ratio Lower Upper

99 100

42 16.4 13.5 20.3

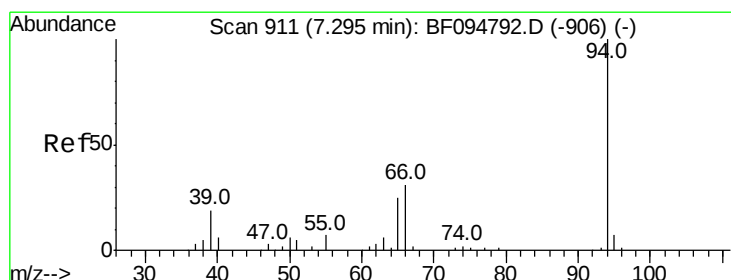
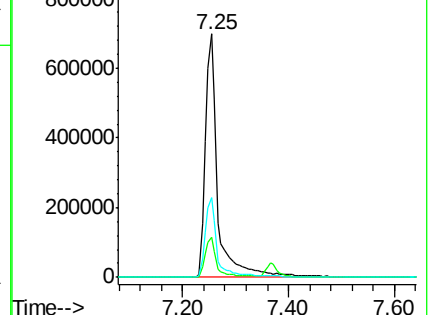
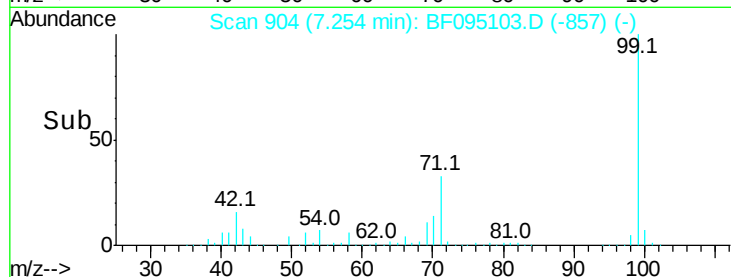
71 32.7 24.5 36.7



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



#10

Phenol

Concen: 4.04 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.03 min

Lab File: BF095103.D

Acq: 12 May 2017 4:08

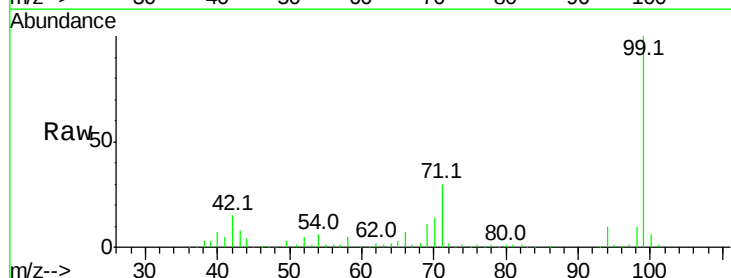
Tgt Ion: 94 Resp: 27289

Ion Ratio Lower Upper

94 100

65 32.4 9.9 49.9

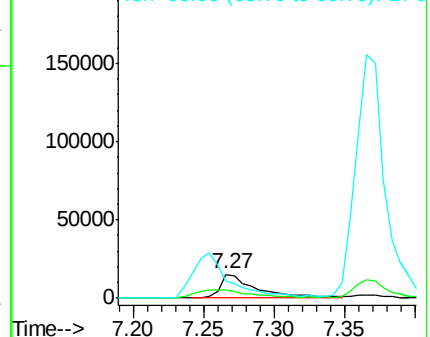
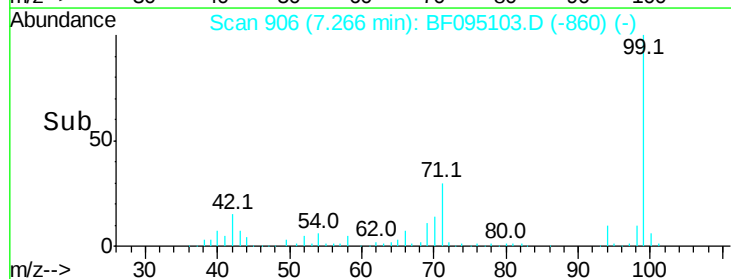
66 70.1 23.1 63.1#

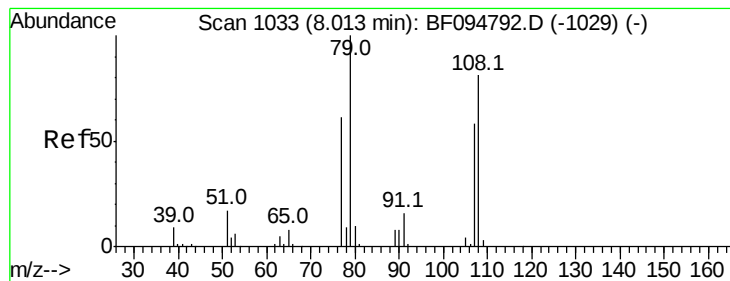


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 2.23 ng

RT: 7.94 min Scan# 1021

Delta R.T. -0.07 min

Lab File: BF095103.D

Acq: 12 May 2017 4:08

Instrument :

BNA_F

ClientSampleId :

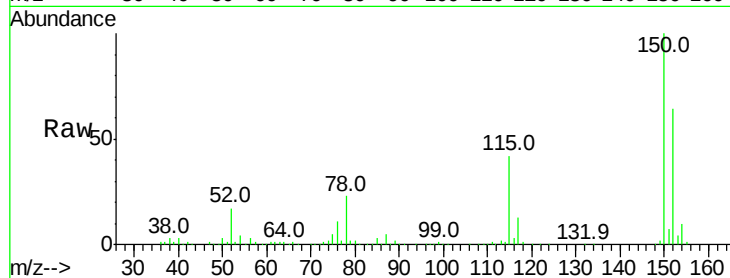
Tot Ion: 79 Resp: 9183

Ion Ratio Lower Upper

79 100

108 23.9 63.4 95.0#

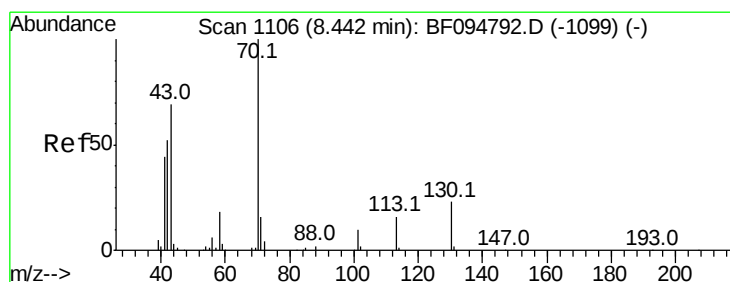
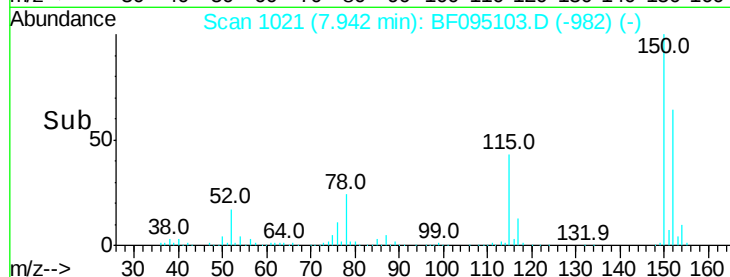
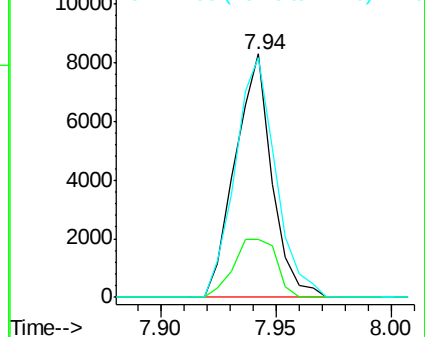
77 98.6 49.2 73.8#



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: 18.17 ng

RT: 8.61 min Scan# 1134

Delta R.T. 0.16 min

Lab File: BF095103.D

Acq: 12 May 2017 4:08

Tgt Ion: 70 Resp: 78730

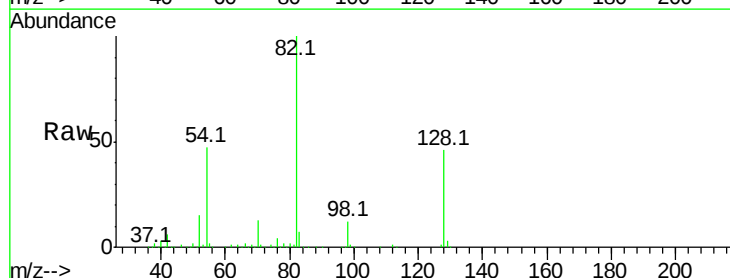
Ion Ratio Lower Upper

70 100

42 44.7 47.2 70.8#

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#

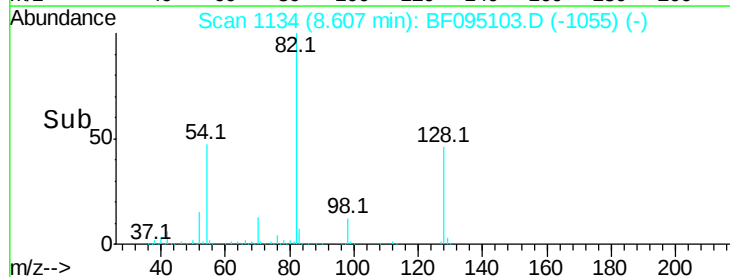
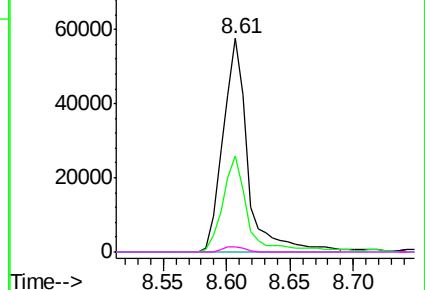


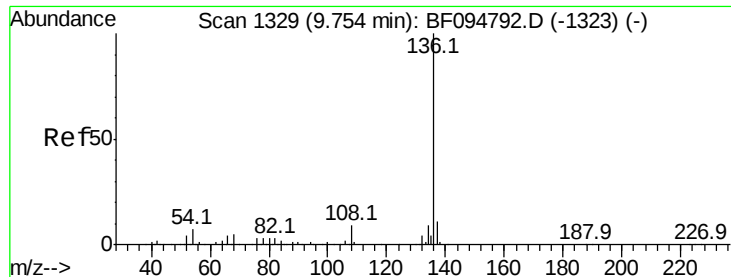
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

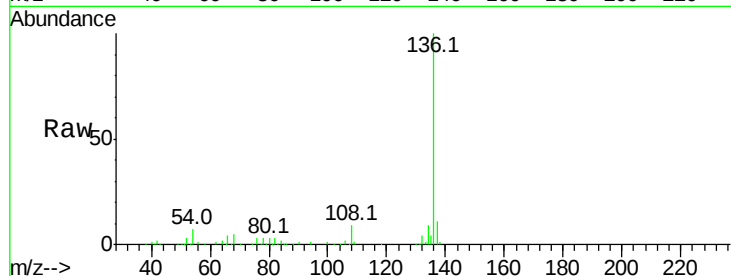




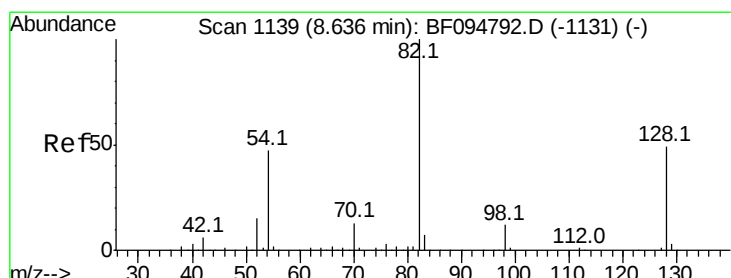
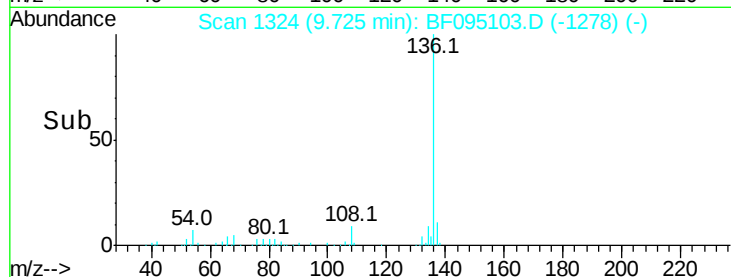
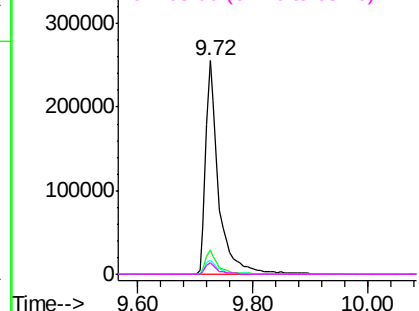
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.72 min Scan# 1324
Delta R.T. -0.03 min
Lab File: BF095103.D
Acq: 12 May 2017 4:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	406365
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.5 12.7
54	6.6	4.9 7.3
68	5.2	4.1 6.1

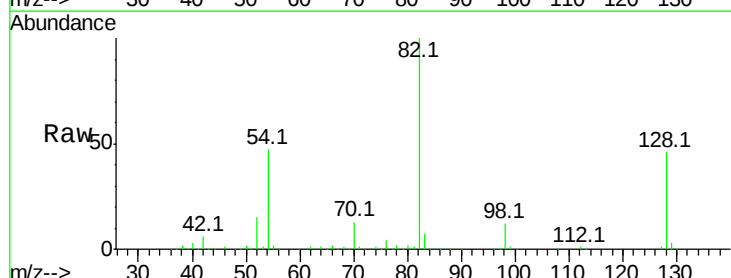


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

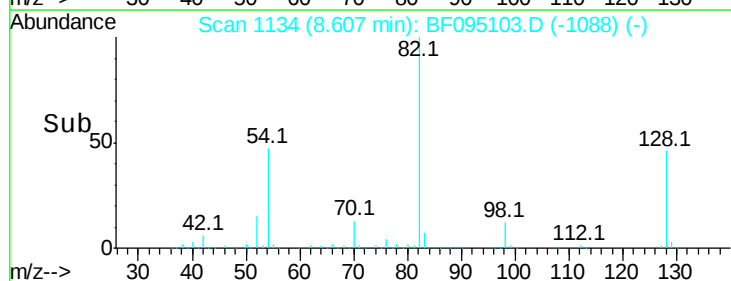
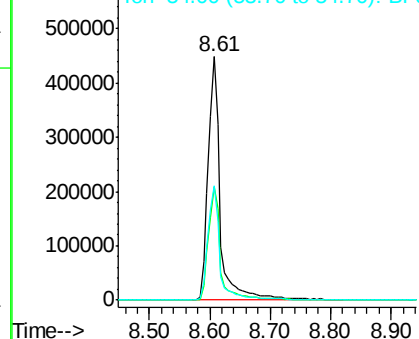


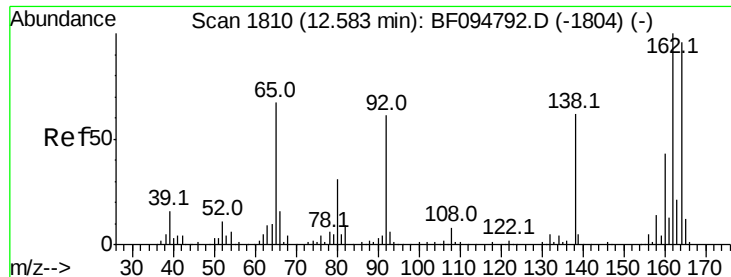
#23
Nitrobenzene-d5
Concen: 98.54 ng
RT: 8.61 min Scan# 1134
Delta R.T. -0.03 min
Lab File: BF095103.D
Acq: 12 May 2017 4:08

Tgt Ion: 82	Resp:	635044
Ion Ratio	Lower	Upper
82	100	
128	46.2	34.0 51.0
54	47.0	42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.55 min Scan# 1805

Delta R.T. -0.03 min

Lab File: BF095103.D

Acq: 12 May 2017 4:08

Instrument :

BNA_F

ClientSampleId :

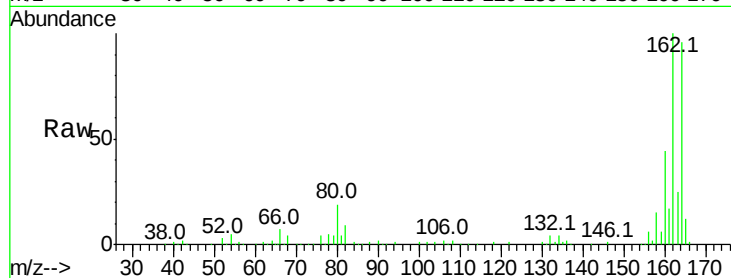
Tot Ion:164 Resp: 193770

Ion Ratio Lower Upper

164 100

162 103.7 82.6 123.8

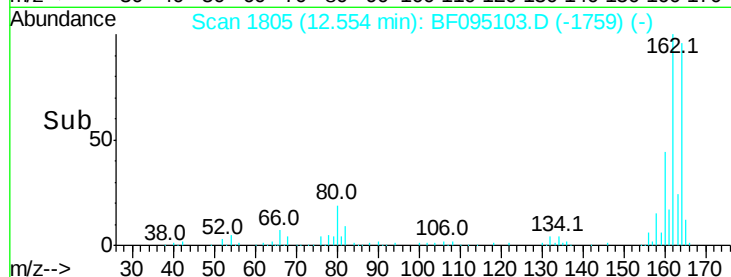
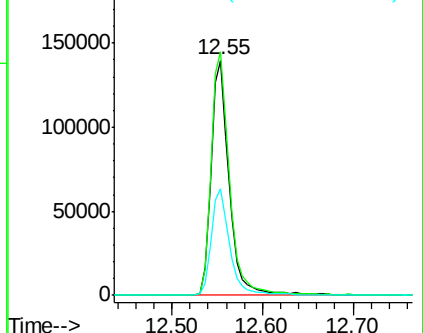
160 45.6 36.2 54.2



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: 129.97 ng

RT: 13.85 min Scan# 2025

Delta R.T. -0.04 min

Lab File: BF095103.D

Acq: 12 May 2017 4:08

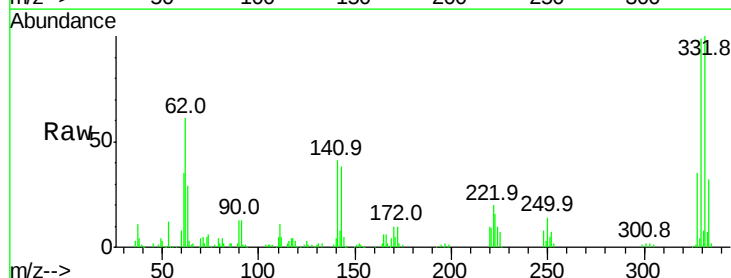
Tgt Ion:330 Resp: 206245

Ion Ratio Lower Upper

330 100

332 98.5 76.6 115.0

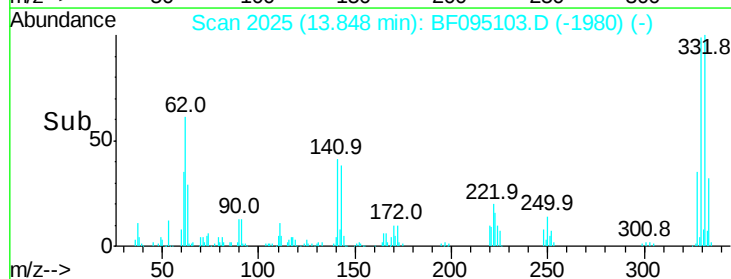
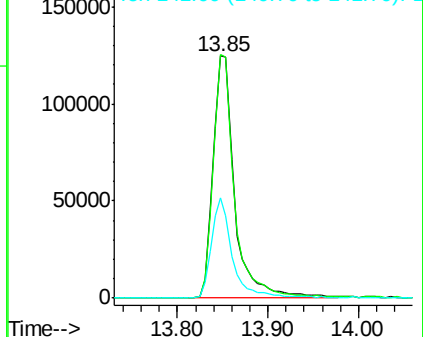
141 39.6 31.4 47.2



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



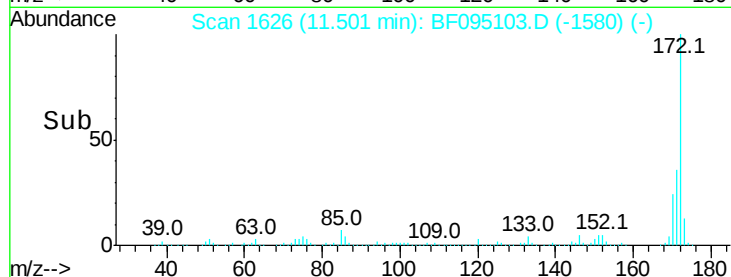
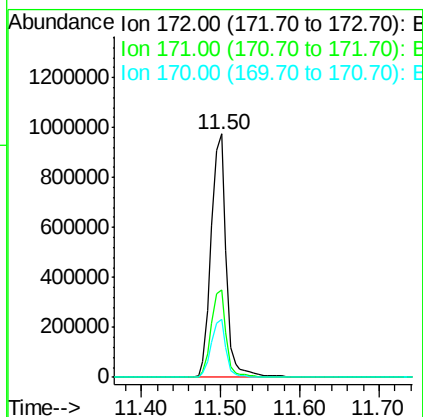
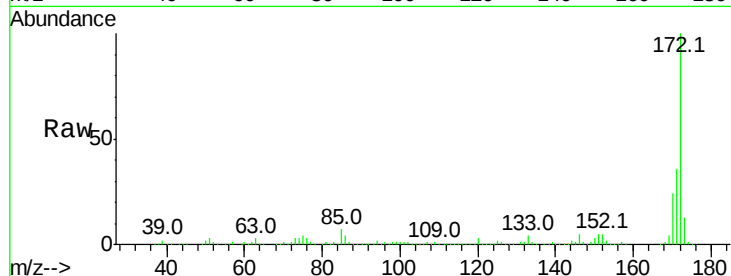


#44
 2-Fluorobiphenyl
 Concen: 96.14 ng
 RT: 11.50 min Scan# 1626
 Delta R.T. -0.03 min
 Lab File: BF095103.D
 Acq: 12 May 2017 4:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1294338

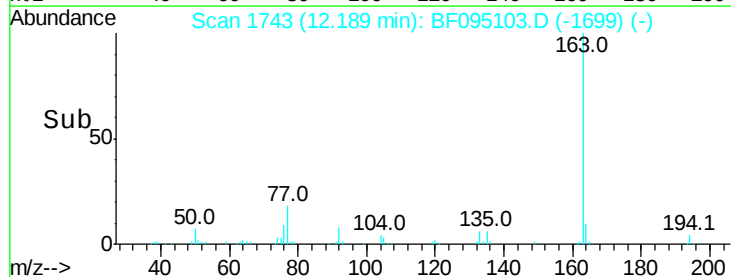
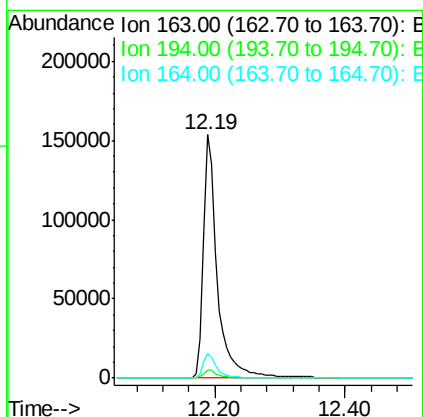
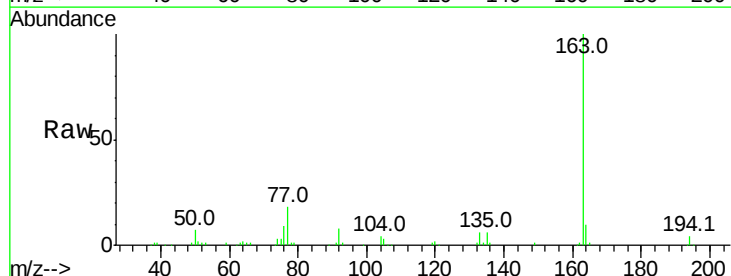
Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	23.6	19.8	29.8



#49
 Dimethylphthalate
 Concen: 14.41 ng
 RT: 12.19 min Scan# 1743
 Delta R.T. -0.04 min
 Lab File: BF095103.D
 Acq: 12 May 2017 4:08

Tgt Ion:163 Resp: 229220

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	10.0	8.4	12.6

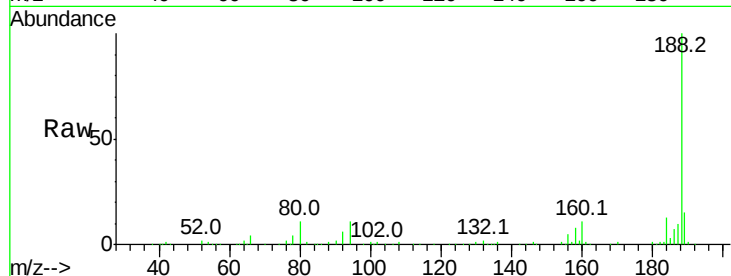




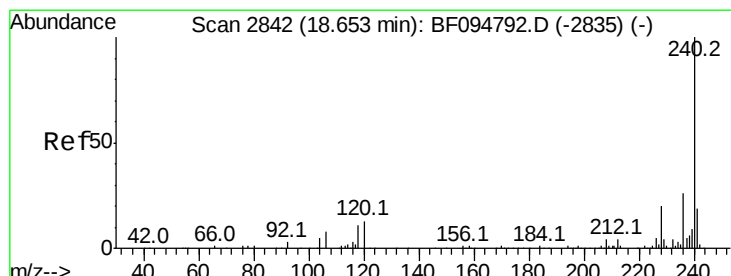
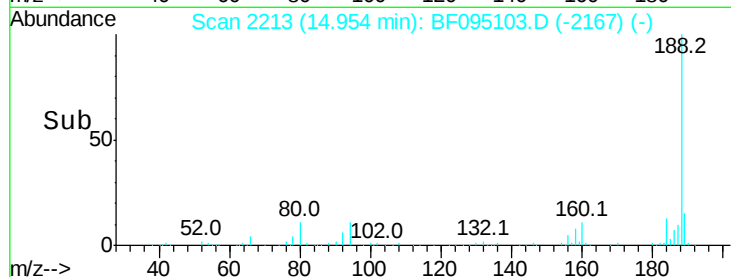
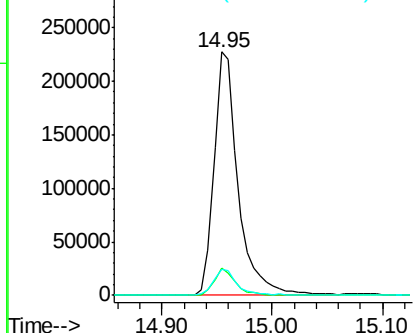
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.95 min Scan# 2213
Delta R.T. -0.03 min
Lab File: BF095103.D
Acq: 12 May 2017 4:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.0	9.4	14.2
80	10.7	10.2	15.2

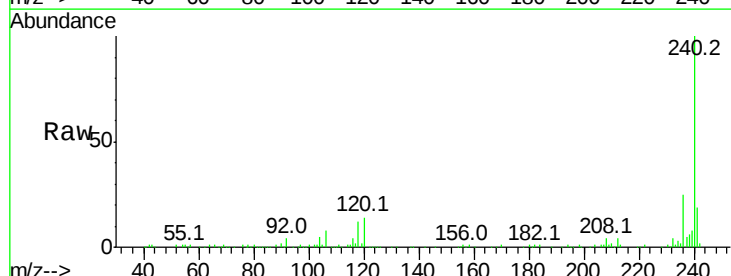


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

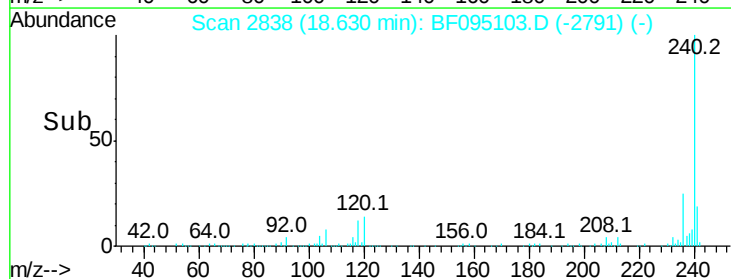
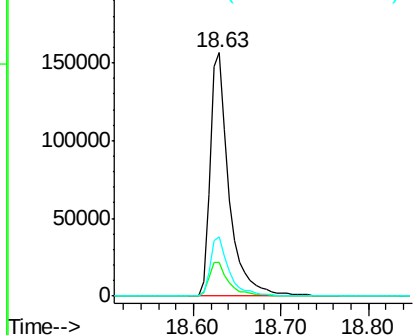


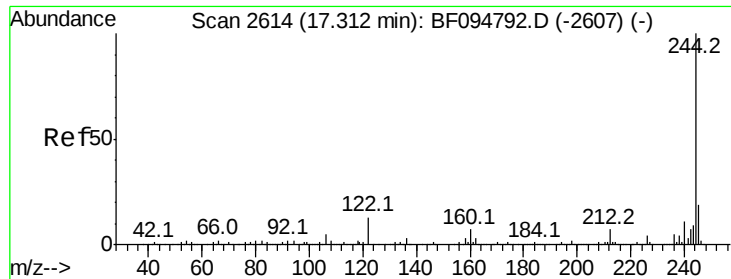
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.63 min Scan# 2838
Delta R.T. -0.02 min
Lab File: BF095103.D
Acq: 12 May 2017 4:08

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.9	5.8	8.8#
236	24.5	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

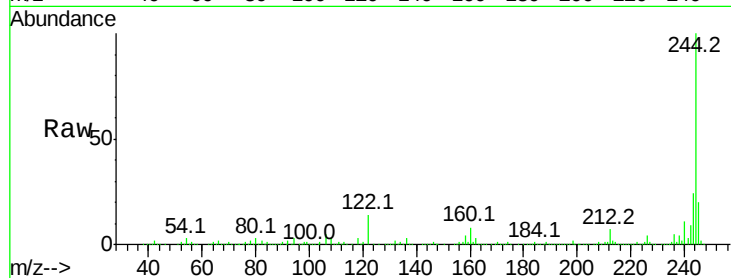




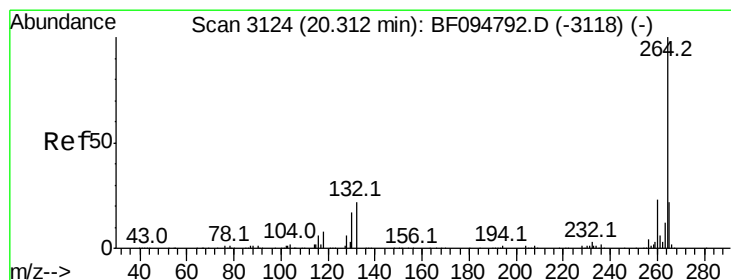
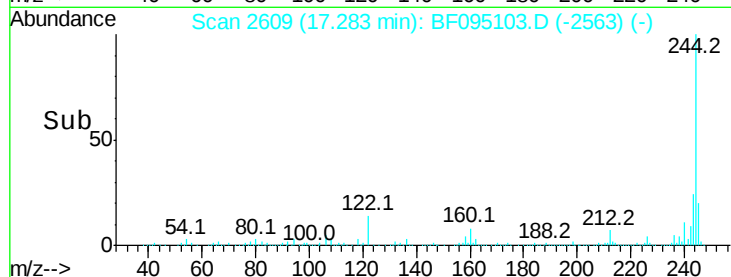
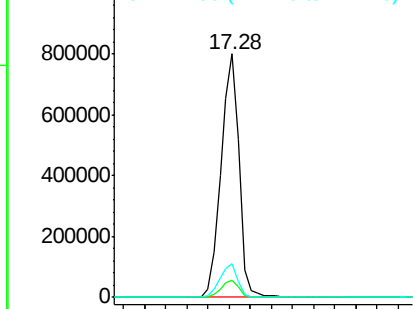
#78
 Terphenyl-d14
 Concen: 89.90 ng
 RT: 17.28 min Scan# 2609
 Delta R.T. -0.03 min
 Lab File: BF095103.D
 Acq: 12 May 2017 4:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 95522
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 13.9 10.3 15.5

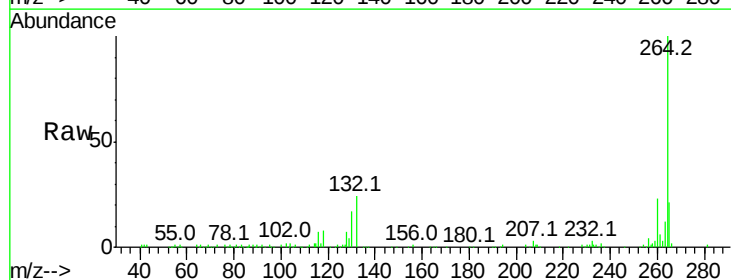


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.29 min Scan# 3121
 Delta R.T. -0.02 min
 Lab File: BF095103.D
 Acq: 12 May 2017 4:08

Tgt Ion:264 Resp: 190522
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.5 29.3
 265 20.9 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

