

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062117\
 Data File : BF096104.D
 Acq On : 22 Jun 2017 3:43
 Operator : SJ/MA
 Sample : I3777-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 22 07:20:34 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 16:05:47 2017
 Response via : Initial Calibration

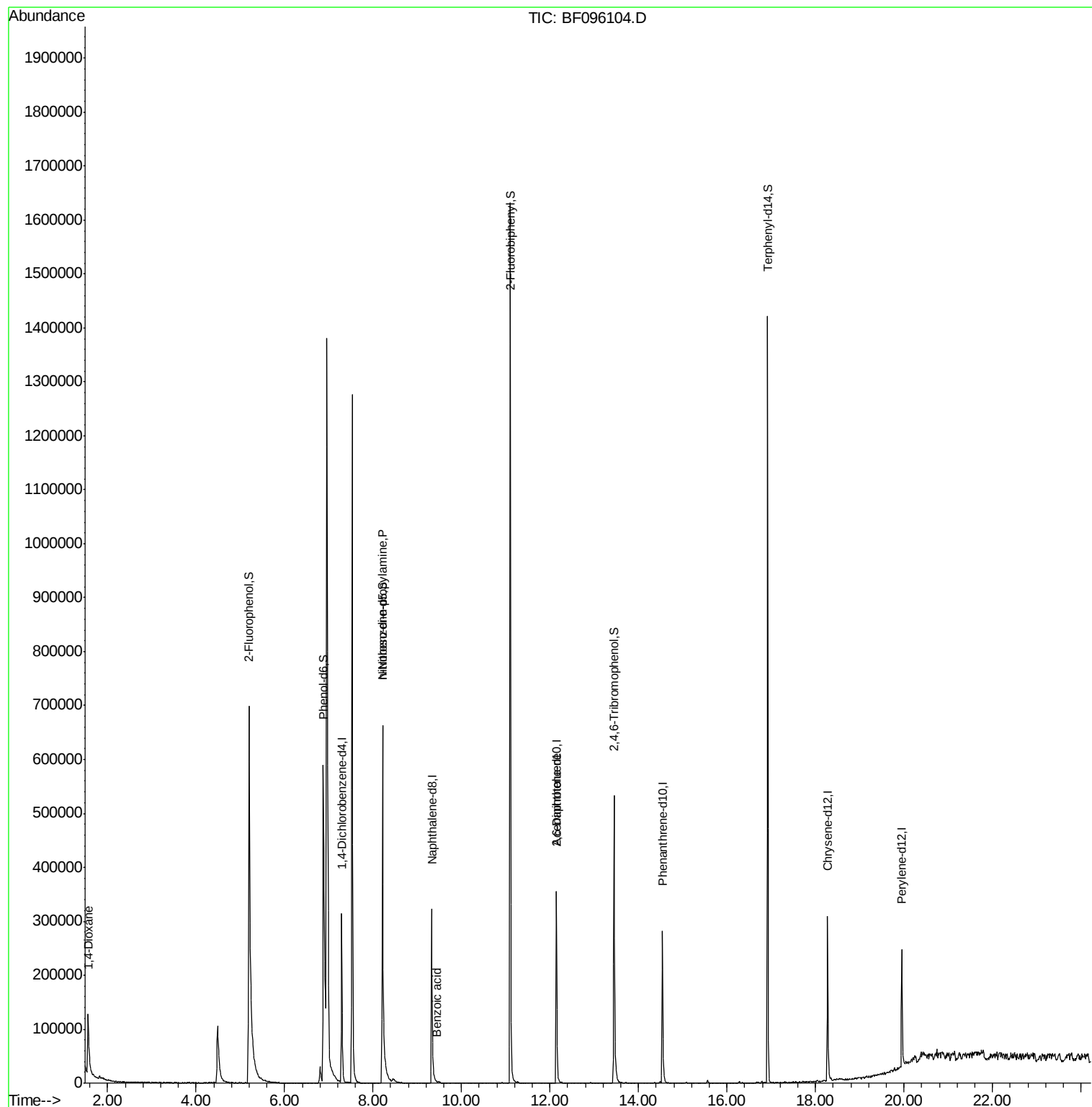
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	76418	20.00	ng	0.00
21) Naphthalene-d8	9.33	136	280192	20.00	ng	0.00
38) Acenaphthene-d10	12.14	164	110096	20.00	ng	0.00
63) Phenanthrene-d10	14.54	188	175099	20.00	ng	0.00
75) Chrysene-d12	18.27	240	152590	20.00	ng	0.00
86) Perylene-d12	19.95	264	118167	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	592973	123.65	ng	0.02
7) Phenol-d6	6.87	99	695409	121.12	ng	0.00
23) Nitrobenzene-d5	8.22	82	416674	92.36	ng	0.00
41) 2,4,6-Tribromophenol	13.44	330	113110	116.12	ng	0.00
44) 2-Fluorobiphenyl	11.10	172	758245	95.84	ng	0.00
78) Terphenyl-d14	16.92	244	575668	93.63	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.56	88	6378	2.80	ng	# 22
19) n-Nitroso-di-n-propylamine	8.22	70	50063	13.76	ng	# 75
32) Benzoic acid	9.46	122	109	5.16	ng	# 1
50) 2,6-Dinitrotoluene	12.14	165	13557	7.44	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: 7.29 min Scan# 987

Delta R.T. 0.00 min

Lab File: BF096104.D

Acq: 22 Jun 2017 3:43

Instrument :

BNA_F

ClientSampled :

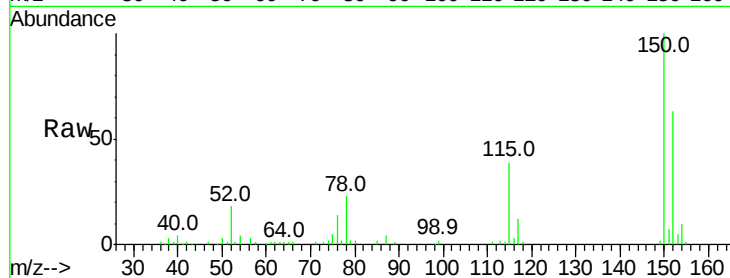
Tot Ion:152 Resp: 76418

Ion Ratio Lower Upper

152 100

150 158.2 126.2 189.2

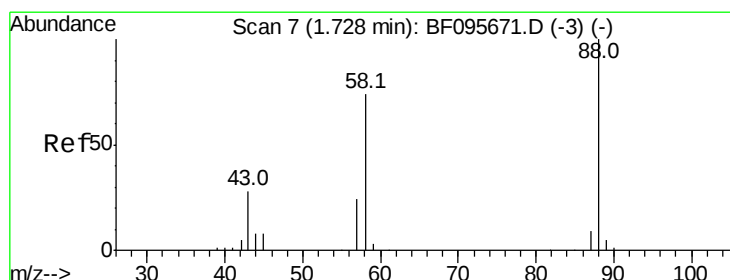
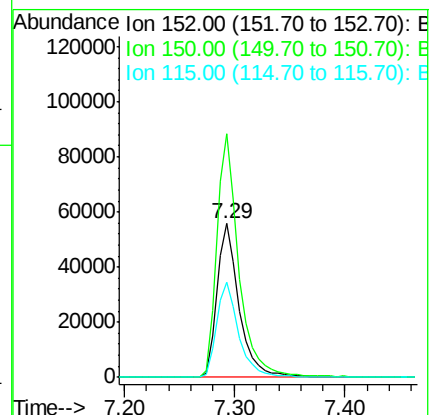
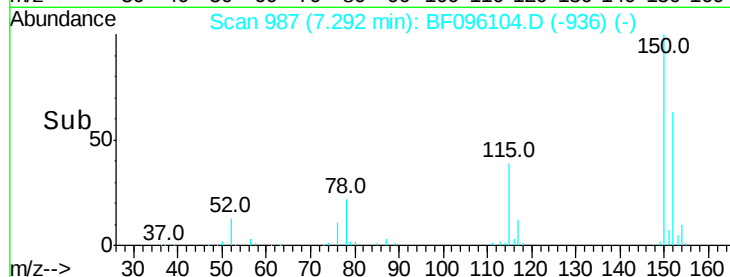
115 61.4 52.2 78.2



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



#2

1,4-Dioxane

Concen: 2.80 ng

RT: 1.56 min Scan# 12

Delta R.T. -0.05 min

Lab File: BF096104.D

Acq: 22 Jun 2017 3:43

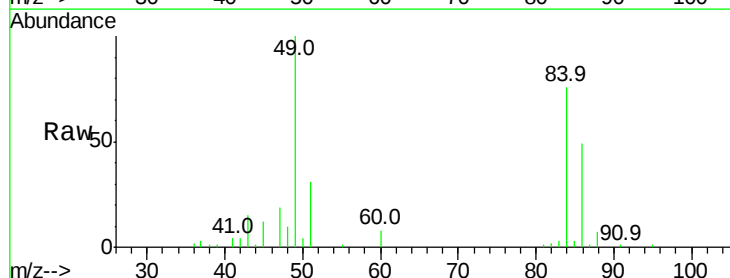
Tgt Ion: 88 Resp: 6378

Ion Ratio Lower Upper

88 100

58 1.7 61.4 92.0#

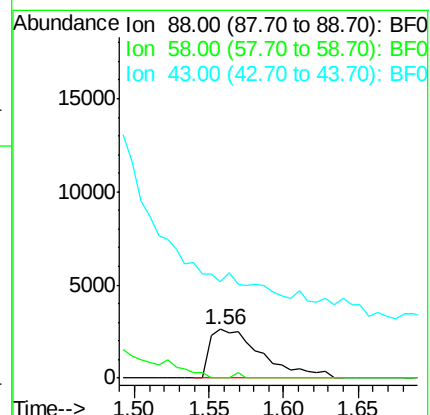
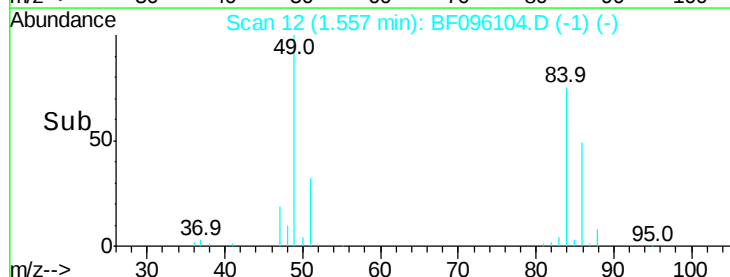
43 0.0 23.4 35.0#

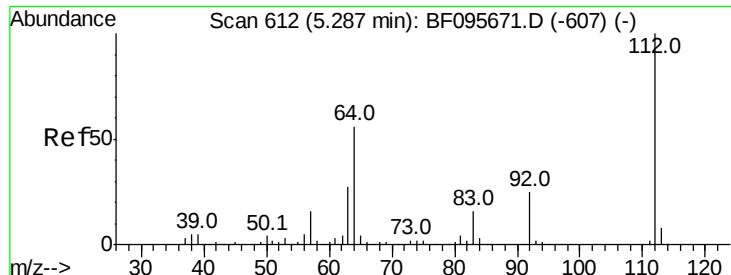


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 123.65 ng

RT: 5.20 min Scan# 631

Delta R.T. 0.02 min

Lab File: BF096104.D

Acq: 22 Jun 2017 3:43

Instrument :

BNA_F

ClientSampled :

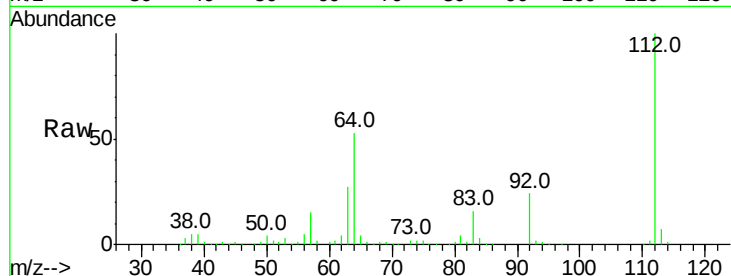
Tot Ion:112 Resp: 592973

Ion Ratio Lower Upper

112 100

64 53.4 46.0 69.0

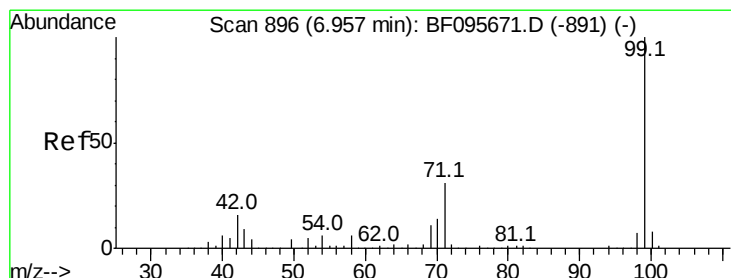
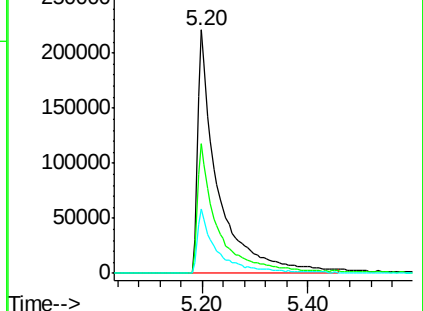
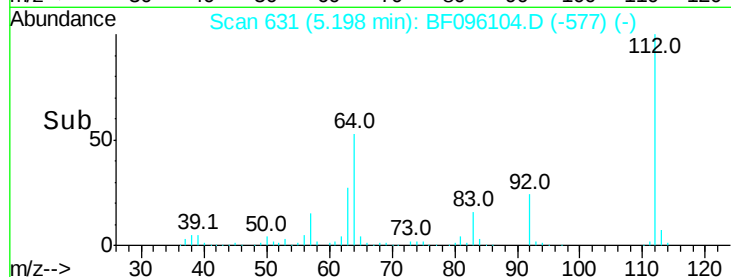
63 26.6 23.4 35.0



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: 121.12 ng

RT: 6.87 min Scan# 916

Delta R.T. 0.00 min

Lab File: BF096104.D

Acq: 22 Jun 2017 3:43

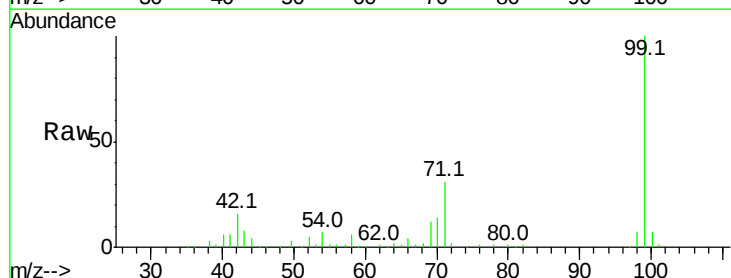
Tgt Ion: 99 Resp: 695409

Ion Ratio Lower Upper

99 100

42 16.2 13.5 20.3

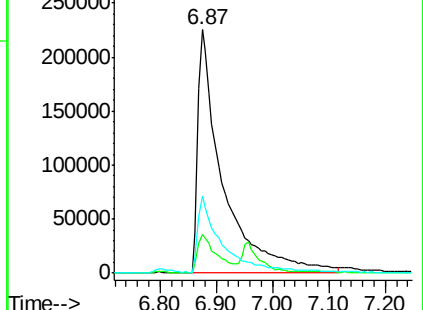
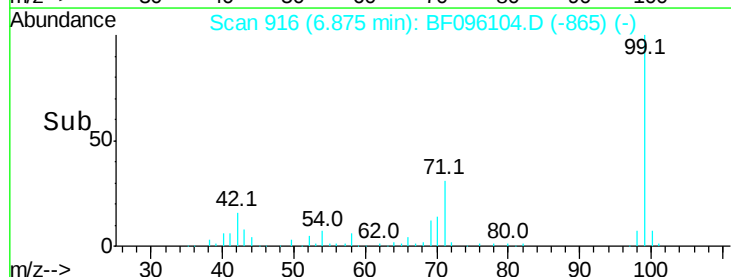
71 31.5 24.5 36.7

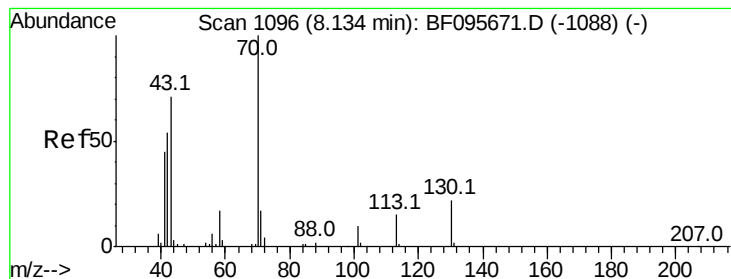


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 13.76 ng

RT: 8.22 min Scan# 1144

Delta R.T. 0.18 min

Lab File: BF096104.D

Acq: 22 Jun 2017 3:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 50063

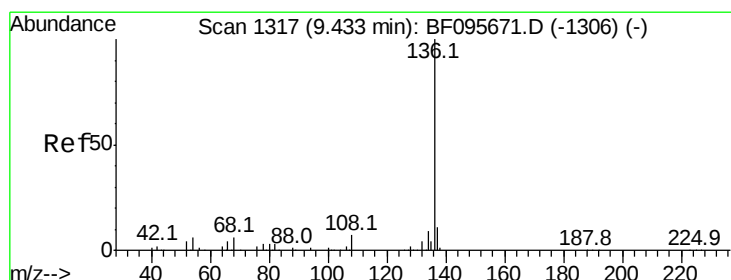
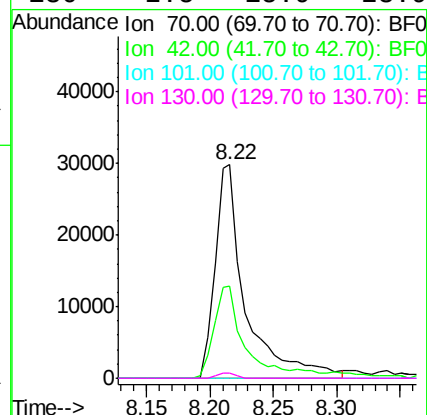
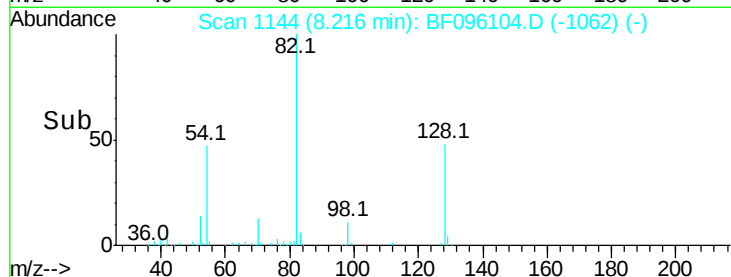
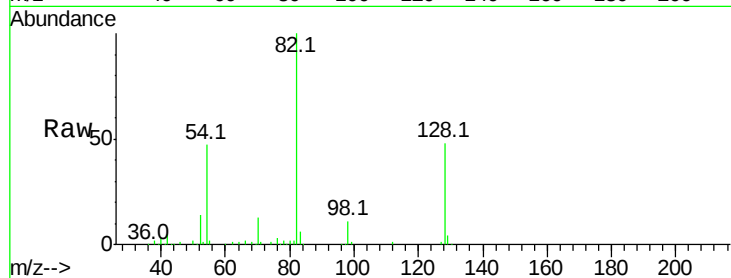
Ion Ratio Lower Upper

70 100

42 43.3 47.2 70.8#

101 0.0 7.2 10.8#

130 2.5 15.9 23.9#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.33 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BF096104.D

Acq: 22 Jun 2017 3:43

Tgt Ion: 136 Resp: 280192

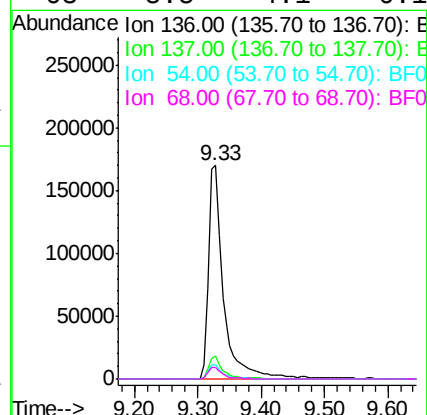
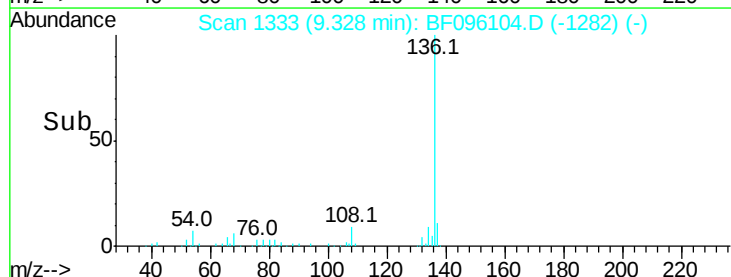
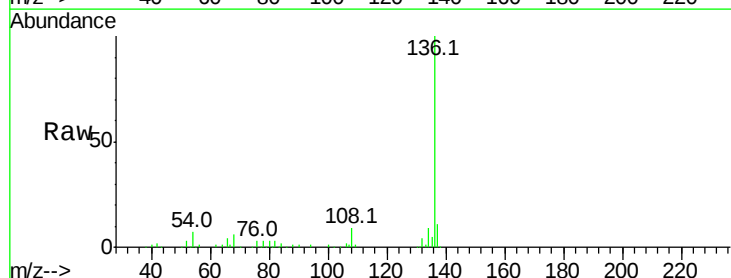
Ion Ratio Lower Upper

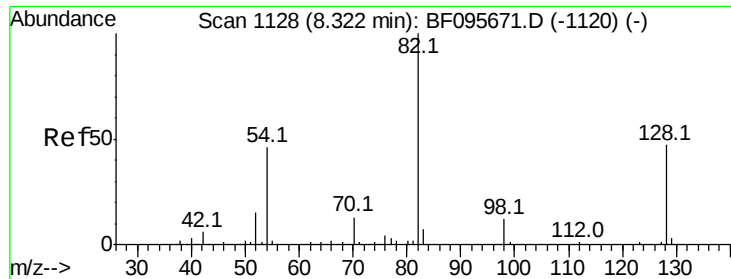
136 100

137 10.9 8.5 12.7

54 6.9 4.9 7.3

68 5.5 4.1 6.1

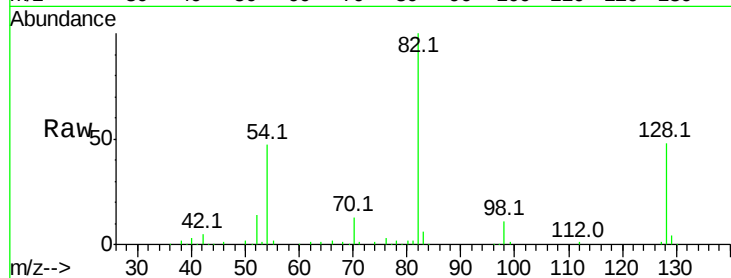




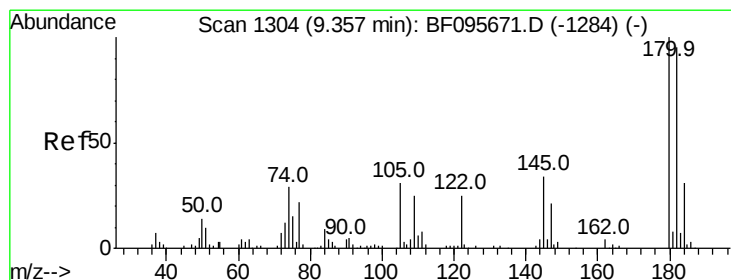
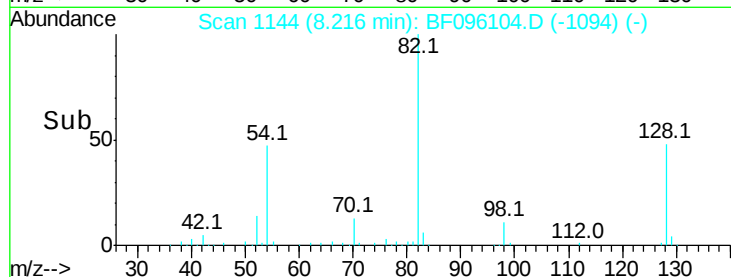
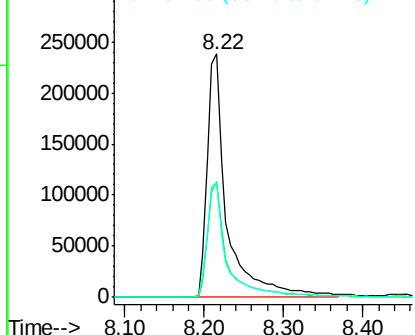
#23
 Nitrobenzene-d5
 Concen: 92.36 ng
 RT: 8.22 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BF096104.D
 Acq: 22 Jun 2017 3:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 416674
 Ion Ratio Lower Upper
 82 100
 128 47.7 34.0 51.0
 54 46.7 42.2 63.2

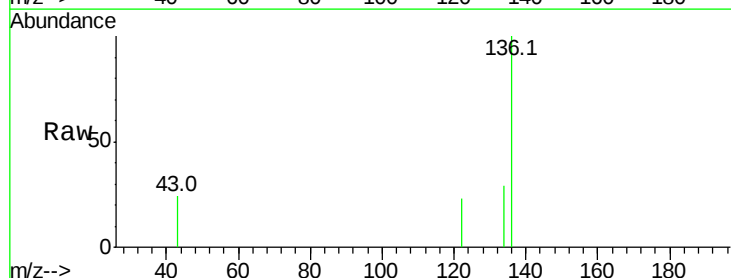


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

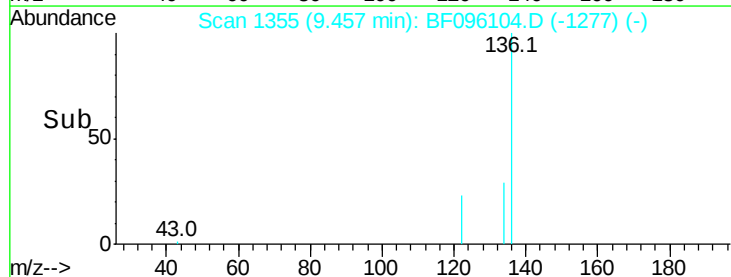
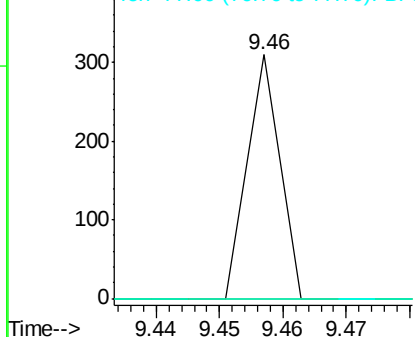


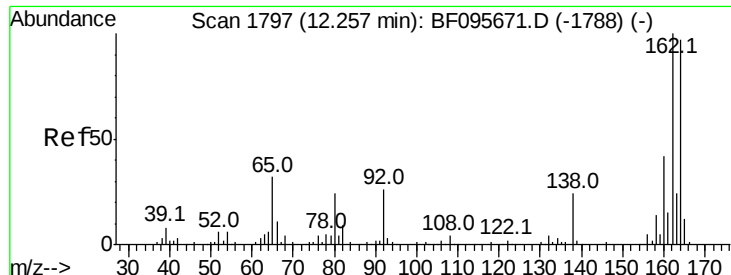
#32
 Benzoic acid
 Concen: 5.16 ng
 RT: 9.46 min Scan# 1355
 Delta R.T. 0.16 min
 Lab File: BF096104.D
 Acq: 22 Jun 2017 3:43

Tgt Ion:122 Resp: 109
 Ion Ratio Lower Upper
 122 100
 105 0.0 103.3 143.3#
 77 0.0 73.7 113.7#



Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 105.00 (104.70 to 105.70): E
 Ion 77.00 (76.70 to 77.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.14 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF096104.D

Acq: 22 Jun 2017 3:43

Instrument :

BNA_F

ClientSampleId :

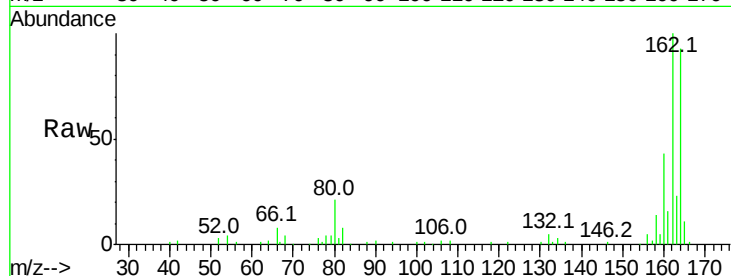
Tot Ion:164 Resp: 110096

Ion Ratio Lower Upper

164 100

162 107.4 82.6 123.8

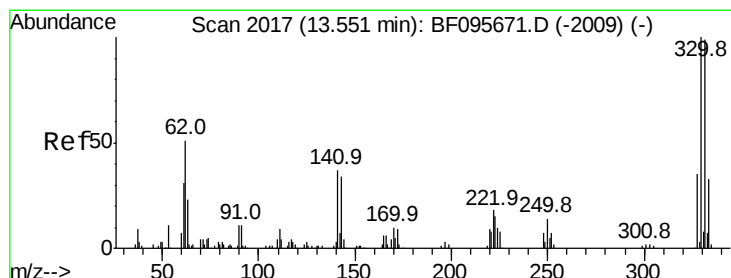
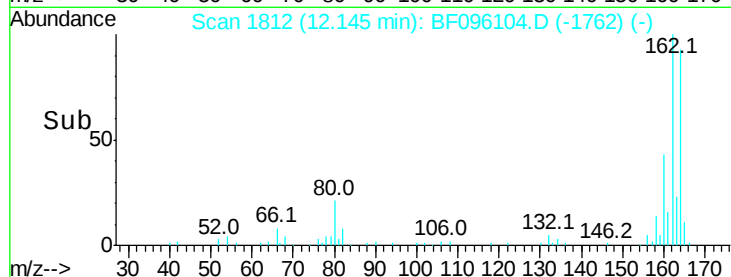
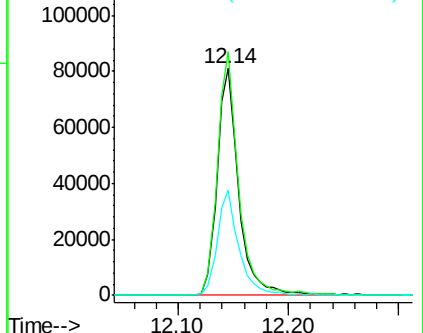
160 46.2 36.2 54.2



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: 116.12 ng

RT: 13.44 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF096104.D

Acq: 22 Jun 2017 3:43

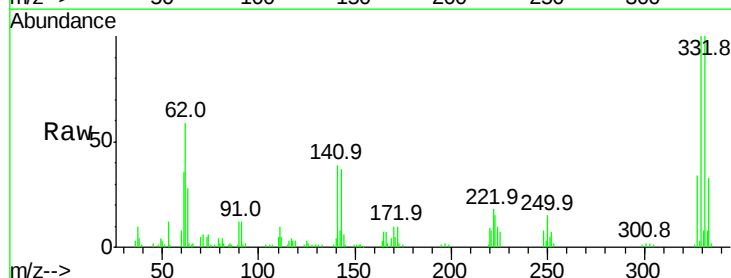
Tgt Ion:330 Resp: 113110

Ion Ratio Lower Upper

330 100

332 95.8 76.6 115.0

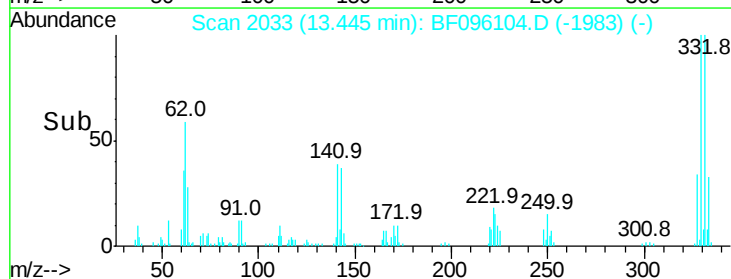
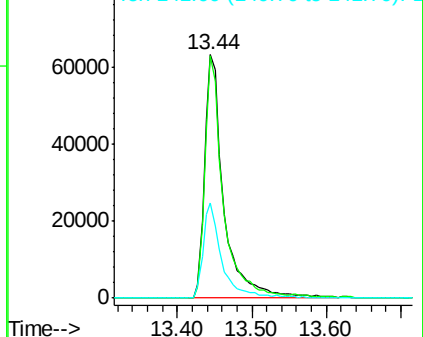
141 37.9 31.4 47.2

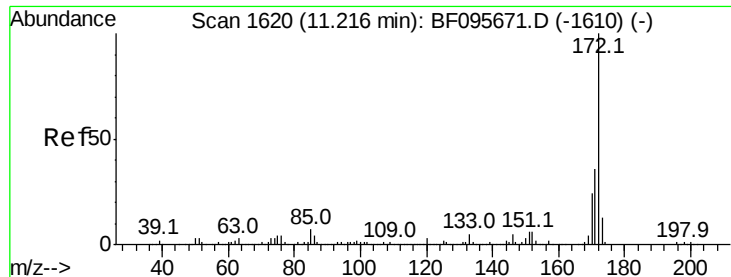


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

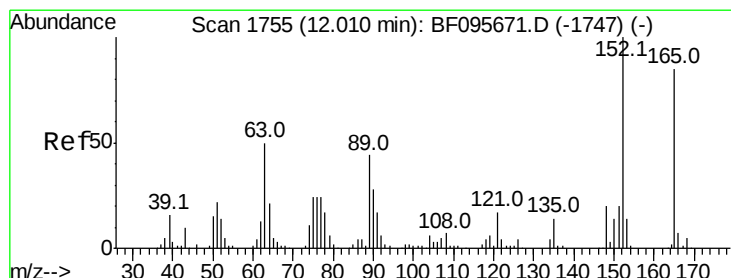
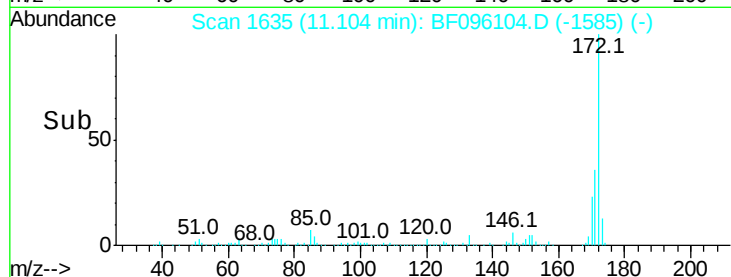
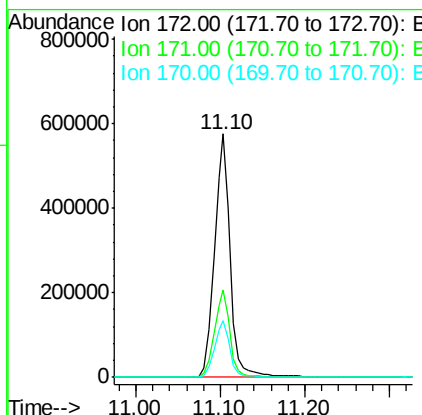
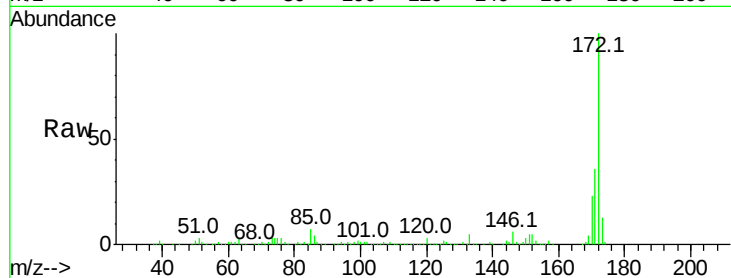




#44
2-Fluorobiphenyl
Concen: 95.84 ng
RT: 11.10 min Scan# 1635
Delta R.T. -0.01 min
Lab File: BF096104.D
Acq: 22 Jun 2017 3:43

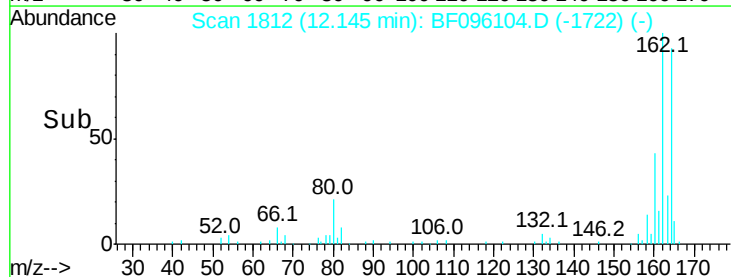
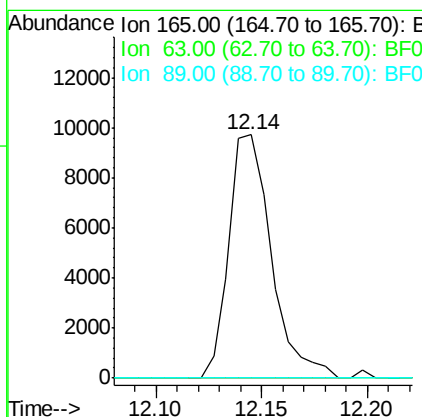
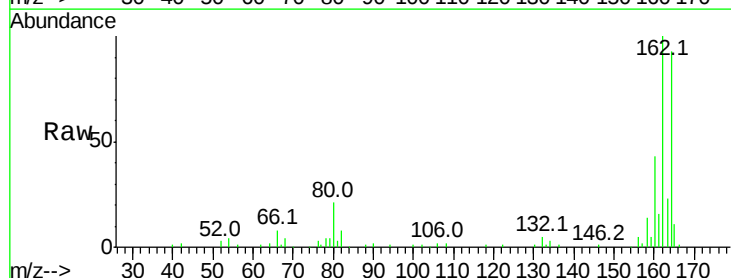
Instrument :
BNA_F
ClientSampleId :

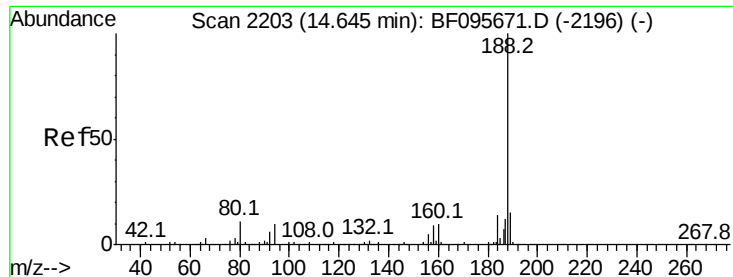
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	23.4	19.8	29.8



#50
2,6-Dinitrotoluene
Concen: 7.44 ng
RT: 12.14 min Scan# 1812
Delta R.T. 0.23 min
Lab File: BF096104.D
Acq: 22 Jun 2017 3:43

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

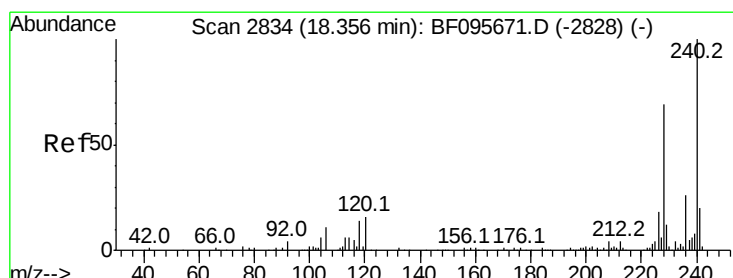
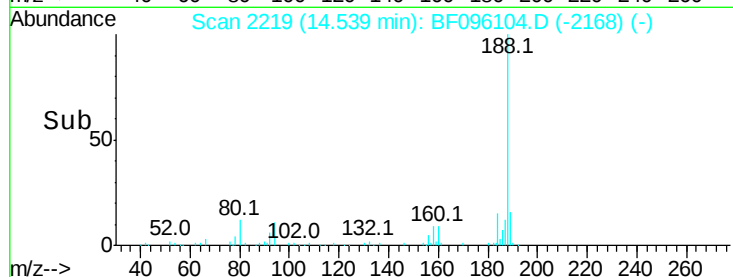
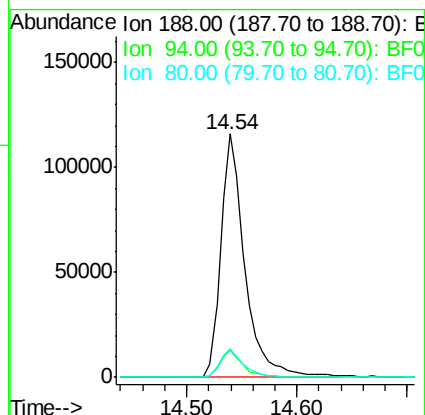
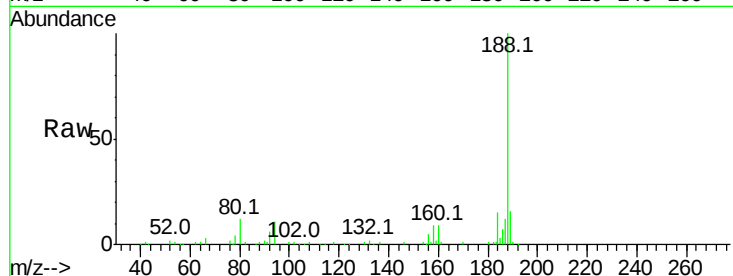




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.54 min Scan# 2219
Delta R.T. 0.00 min
Lab File: BF096104.D
Acq: 22 Jun 2017 3:43

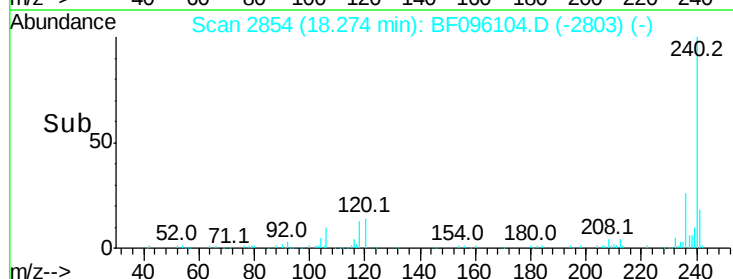
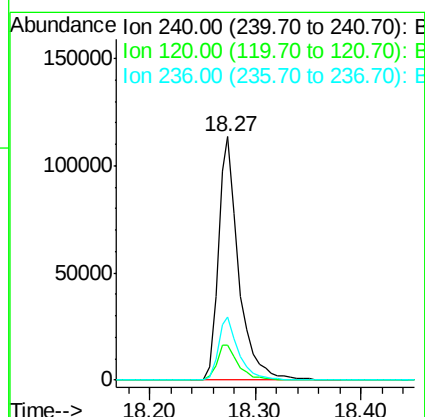
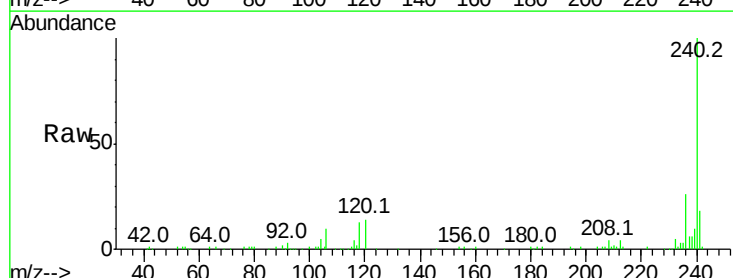
Instrument :
BNA_F
ClientSampleId :

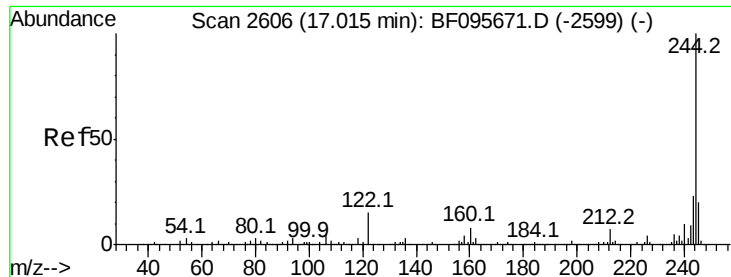
Tot Ion:188 Resp: 175099
Ion Ratio Lower Upper
188 100
94 11.4 9.4 14.2
80 11.6 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.27 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BF096104.D
Acq: 22 Jun 2017 3:43

Tgt Ion:240 Resp: 152590
Ion Ratio Lower Upper
240 100
120 14.4 5.8 8.8#
236 25.8 20.5 30.7

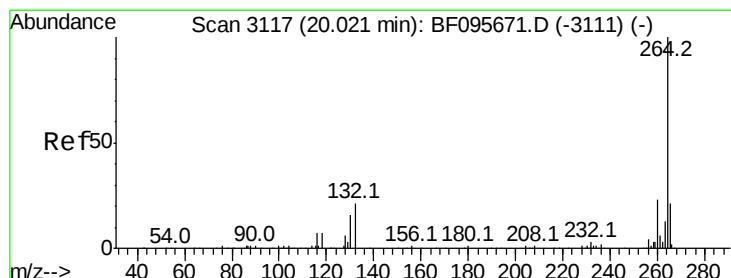
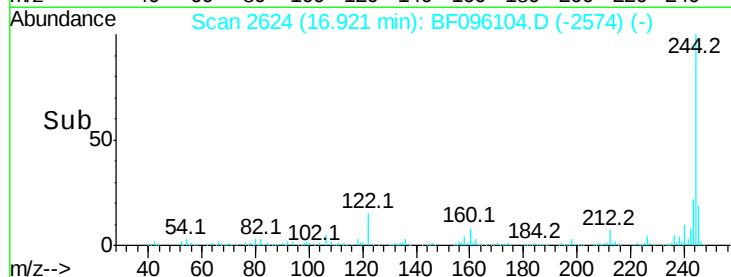
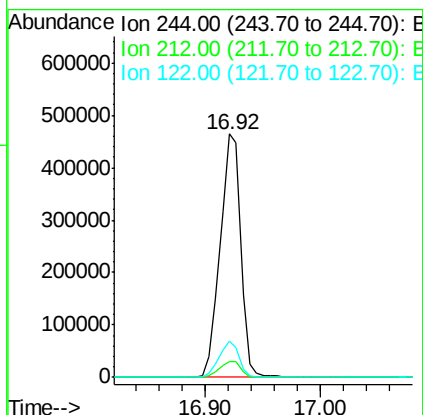
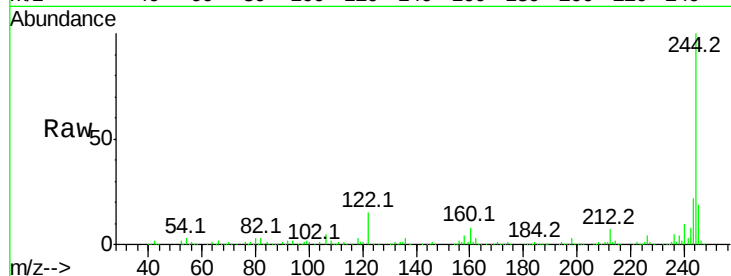




#78
 Terphenyl-d14
 Concen: 93.63 ng
 RT: 16.92 min Scan# 2624
 Delta R.T. -0.01 min
 Lab File: BF096104.D
 Acq: 22 Jun 2017 3:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 575668
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.0 9.0
 122 14.9 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.95 min Scan# 3139
 Delta R.T. 0.01 min
 Lab File: BF096104.D
 Acq: 22 Jun 2017 3:43

Tgt Ion:264 Resp: 118167
 Ion Ratio Lower Upper
 264 100
 260 21.9 19.5 29.3
 265 21.4 17.2 25.8

