

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
 Data File : BF096019.D
 Acq On : 19 Jun 2017 22:13
 Operator : SJ/MA
 Sample : I3695-01 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 20 01:09:20 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 17:12:03 2017
 Response via : Initial Calibration

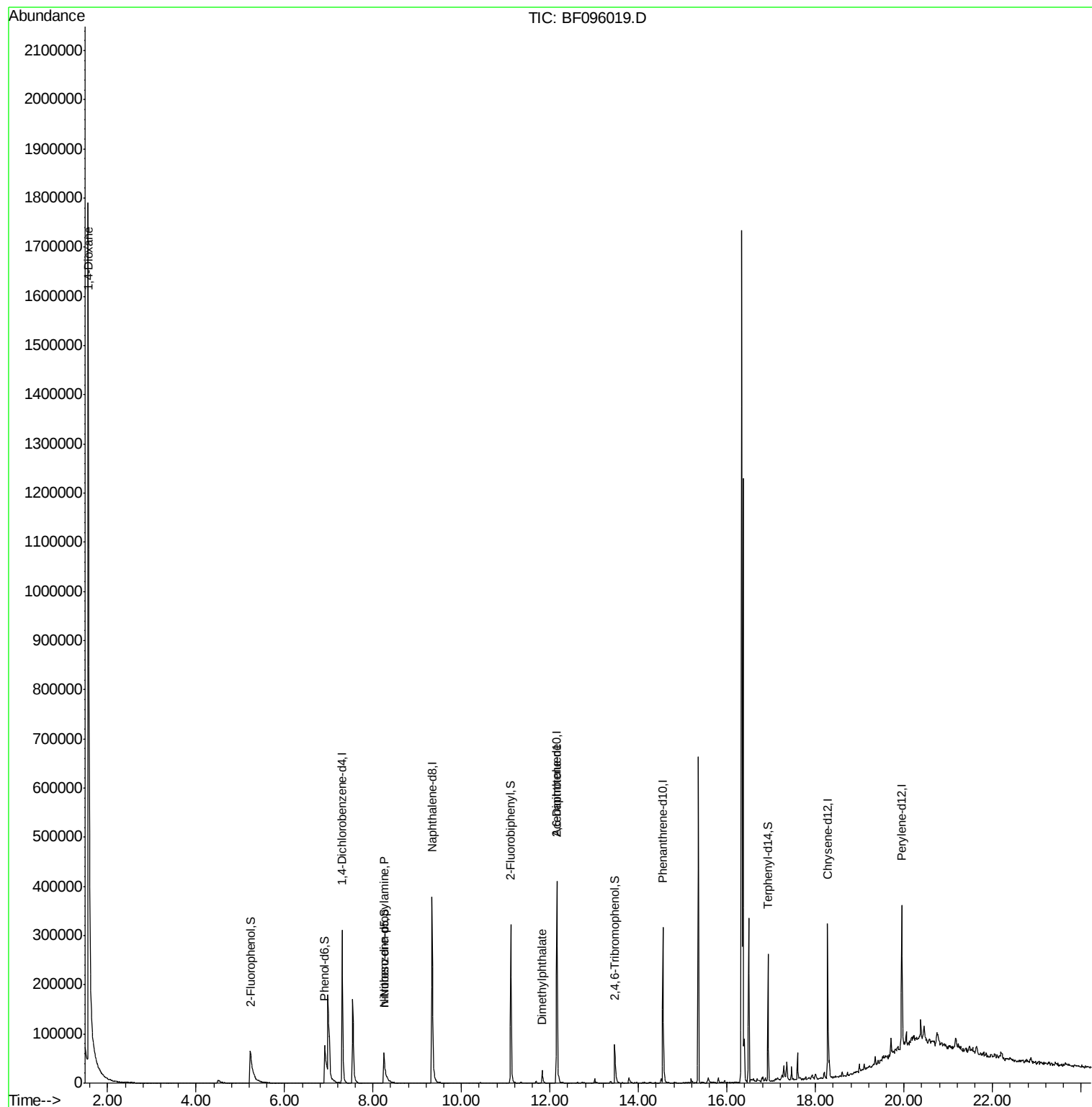
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	81641	20.00	ng	-0.02
21) Naphthalene-d8	9.33	136	318267	20.00	ng	-0.02
38) Acenaphthene-d10	12.15	164	130588	20.00	ng	-0.03
63) Phenanthrene-d10	14.55	188	192477	20.00	ng	-0.02
75) Chrysene-d12	18.27	240	152981	20.00	ng	-0.02
86) Perylene-d12	19.95	264	130913	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	101164	19.74	ng	0.01
7) Phenol-d6	6.91	99	128563	20.96	ng	0.00
23) Nitrobenzene-d5	8.25	82	75382	14.71	ng	0.00
41) 2,4,6-Tribromophenol	13.47	330	20515	17.76	ng	-0.01
44) 2-Fluorobiphenyl	11.12	172	162326	17.30	ng	-0.02
78) Terphenyl-d14	16.93	244	94560	15.34	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	1.56	88	87721	35.99	ng	# 22
19) n-Nitroso-di-n-propylamine	8.25	70	8000	2.06	ng	# 85
49) Dimethylphthalate	11.82	163	24927	2.51	ng	# 99
50) 2,6-Dinitrotoluene	12.16	165	16680	7.71	ng	# 31

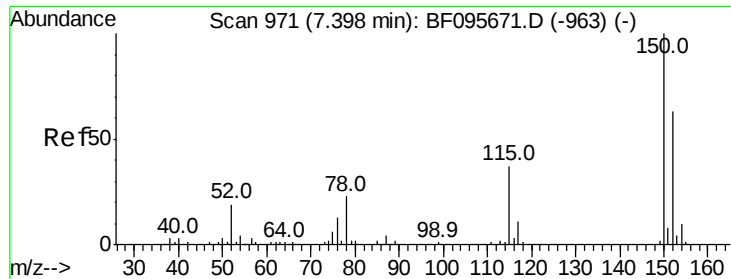
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.30 min Scan# 989

Delta R.T. -0.02 min

Lab File: BF096019.D

Acq: 19 Jun 2017 22:13

Instrument :

BNA_F

ClientSampled :

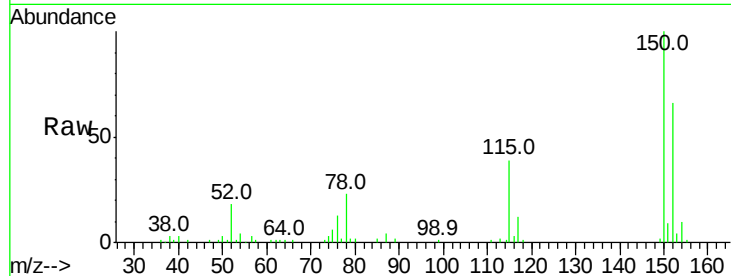
Tot Ion:152 Resp: 81641

Ion Ratio Lower Upper

152 100

150 150.8 126.2 189.2

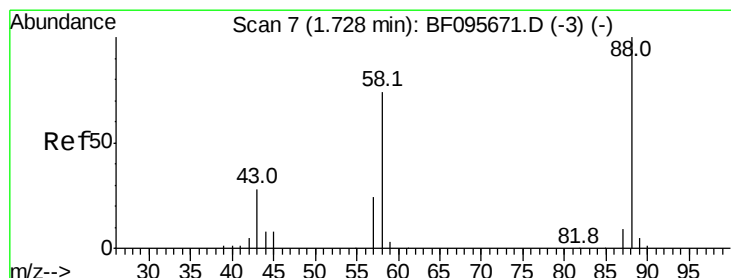
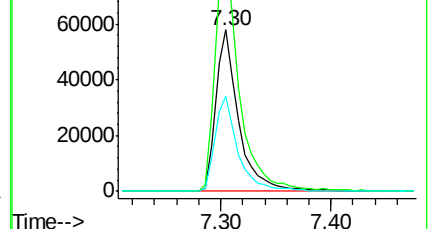
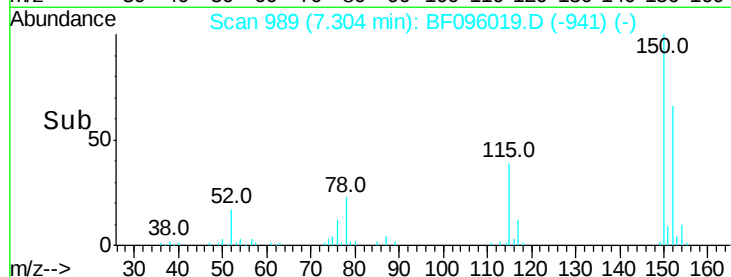
115 59.0 52.2 78.2



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: 35.99 ng

RT: 1.56 min Scan# 12

Delta R.T. -0.08 min

Lab File: BF096019.D

Acq: 19 Jun 2017 22:13

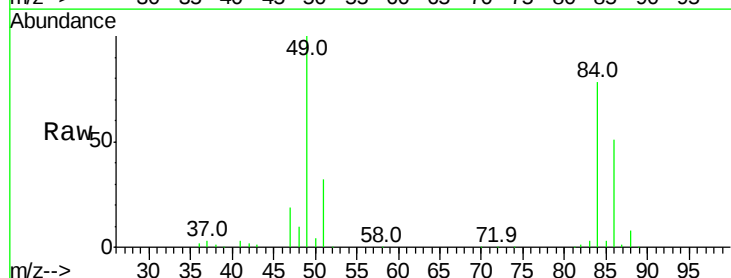
Tgt Ion: 88 Resp: 87721

Ion Ratio Lower Upper

88 100

58 0.0 61.4 92.0#

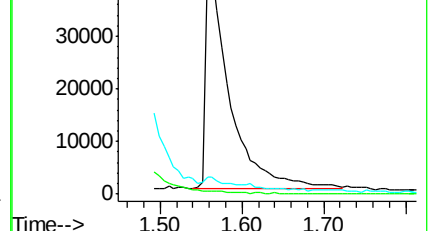
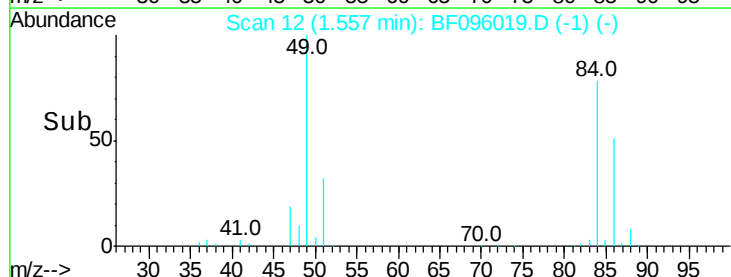
43 2.1 23.4 35.0#

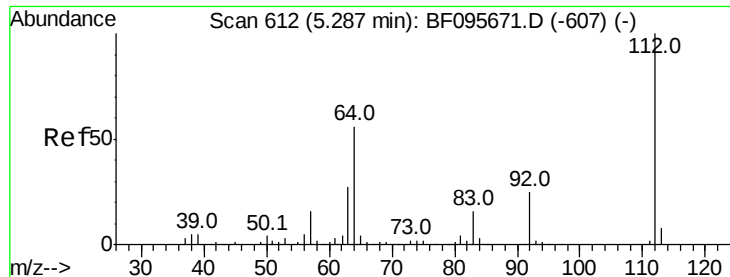


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

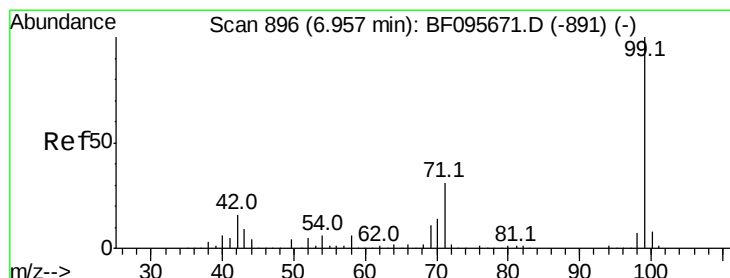
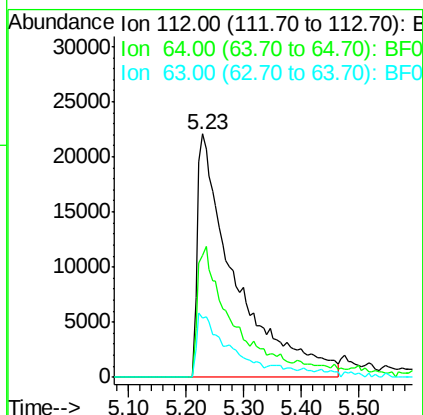
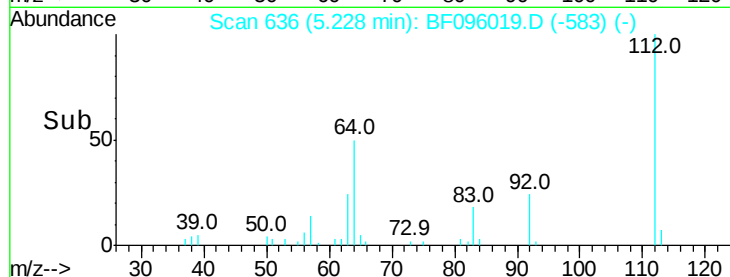
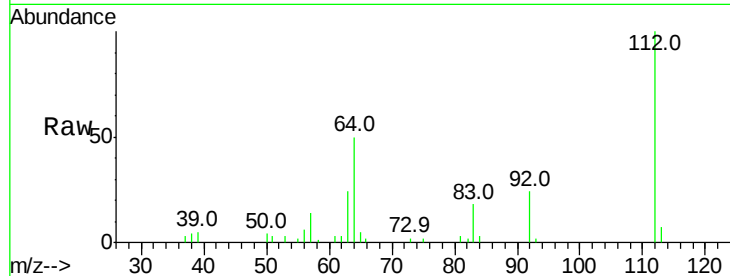




#5
 2-Fluorophenol
 Concen: 19.74 ng
 RT: 5.23 min Scan# 636
 Delta R.T. 0.01 min
 Lab File: BF096019.D
 Acq: 19 Jun 2017 22:13

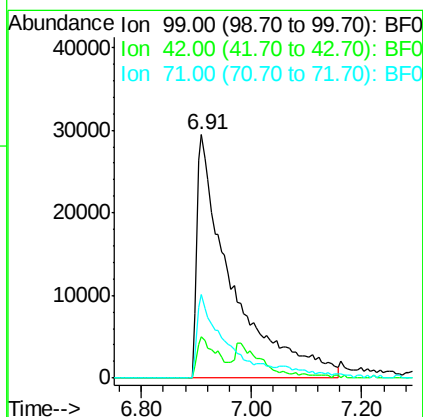
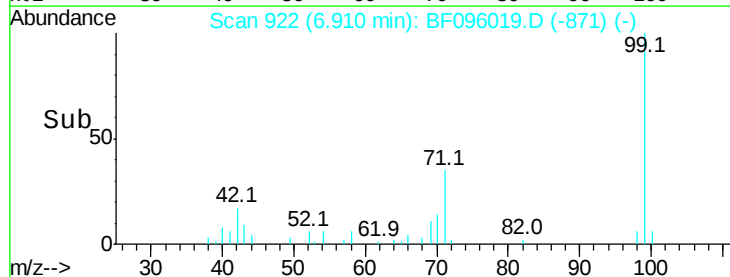
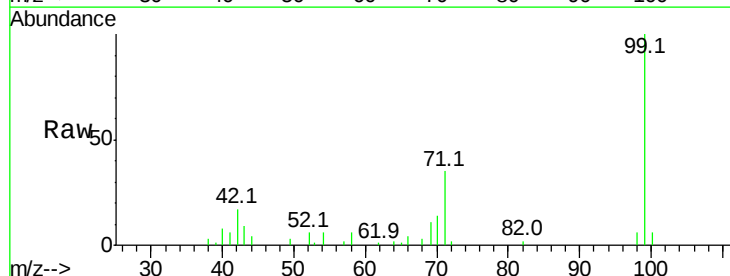
Instrument :
 BNA_F
 ClientSampled :

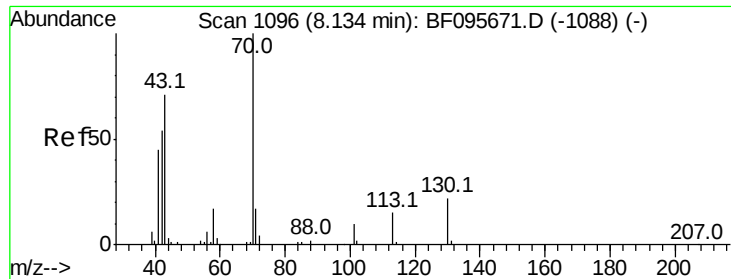
Tot Ion	Ratio	Lower	Upper
112	100		
64	50.3	46.0	69.0
63	24.2	23.4	35.0



#7
 Phenol-d6
 Concen: 20.96 ng
 RT: 6.91 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: BF096019.D
 Acq: 19 Jun 2017 22:13

Tgt Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.5	20.3
71	34.5	24.5	36.7

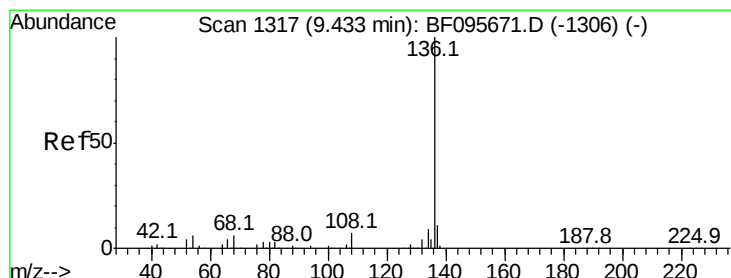
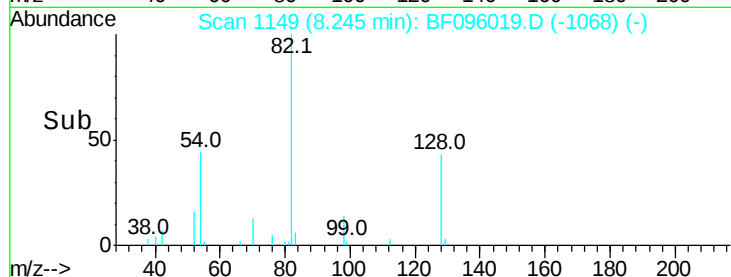
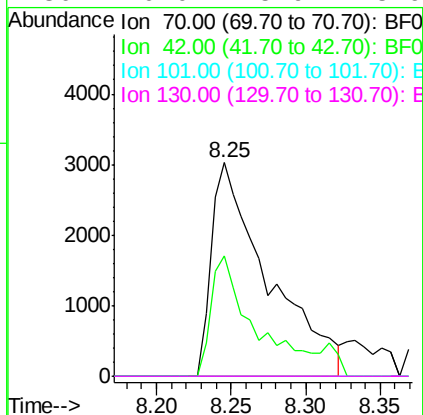
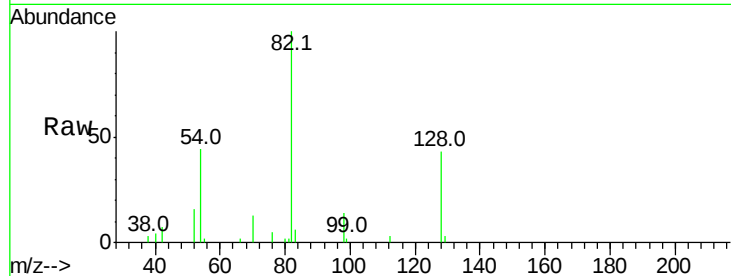




#19
n-Nitroso-di-n-propylamine
Concen: 2.06 ng
RT: 8.25 min Scan# 1149
Delta R.T. 0.18 min
Lab File: BF096019.D
Acq: 19 Jun 2017 22:13

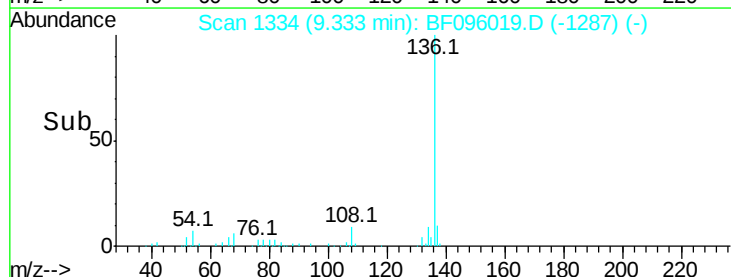
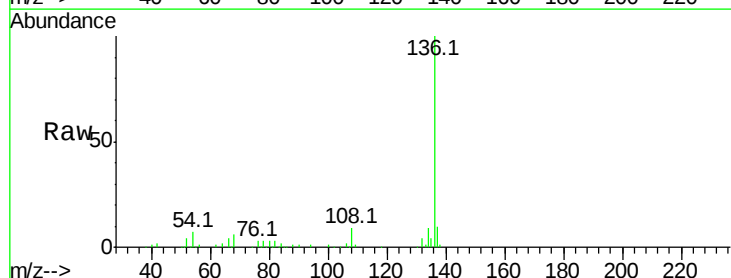
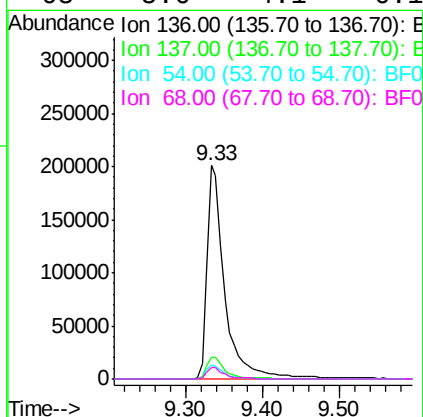
Instrument :
BNA_F
ClientSampleId :

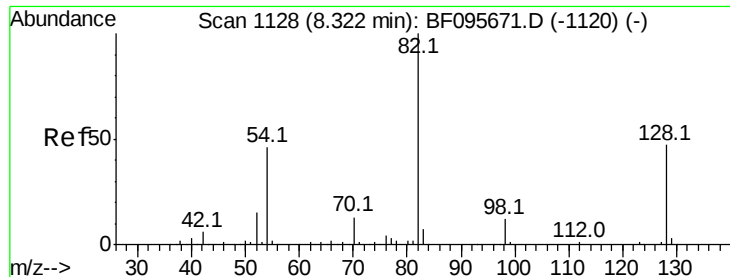
Tot Ion: 70 Resp: 8000
Ion Ratio Lower Upper
70 100
42 56.2 47.2 70.8
101 0.0 7.2 10.8#
130 0.0 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.33 min Scan# 1334
Delta R.T. -0.02 min
Lab File: BF096019.D
Acq: 19 Jun 2017 22:13

Tgt Ion:136 Resp: 318267
Ion Ratio Lower Upper
136 100
137 10.3 8.5 12.7
54 6.5 4.9 7.3
68 5.6 4.1 6.1

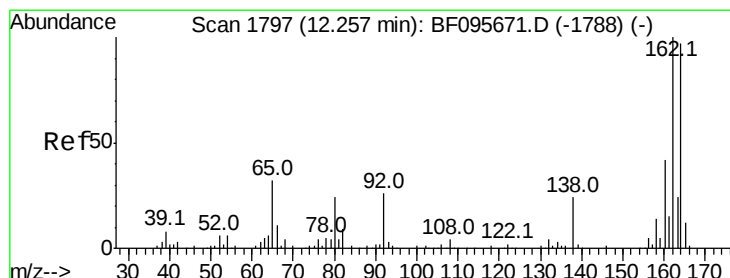
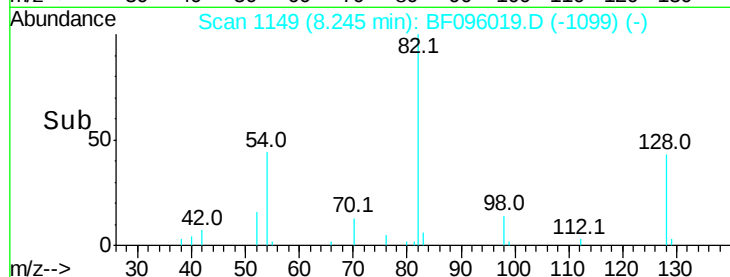
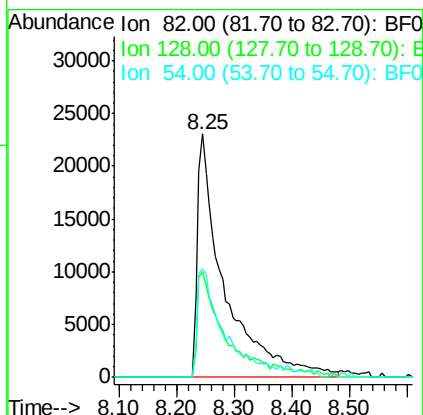
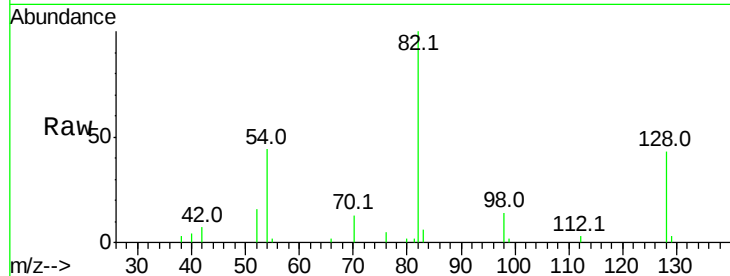




#23
 Nitrobenzene-d5
 Concen: 14.71 ng
 RT: 8.25 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BF096019.D
 Acq: 19 Jun 2017 22:13

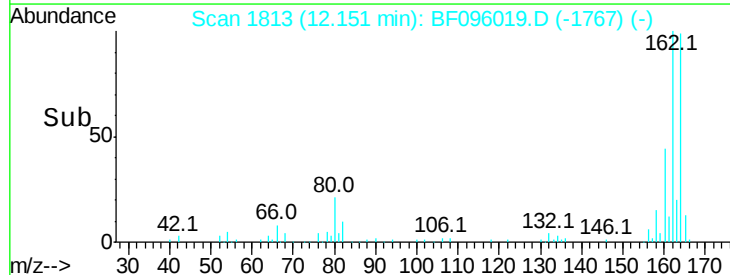
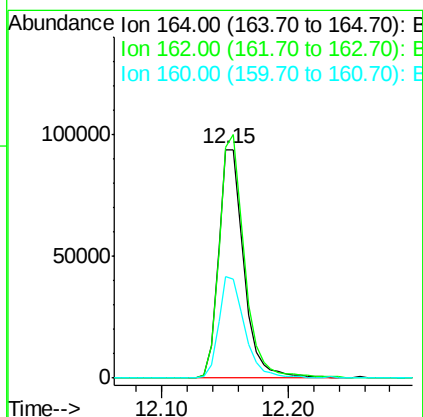
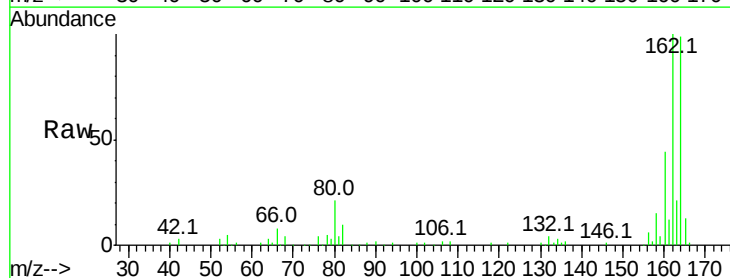
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 75382
 Ion Ratio Lower Upper
 82 100
 128 43.2 34.0 51.0
 54 44.3 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.15 min Scan# 1813
 Delta R.T. -0.03 min
 Lab File: BF096019.D
 Acq: 19 Jun 2017 22:13

Tgt Ion:164 Resp: 130588
 Ion Ratio Lower Upper
 164 100
 162 100.9 82.6 123.8
 160 44.2 36.2 54.2

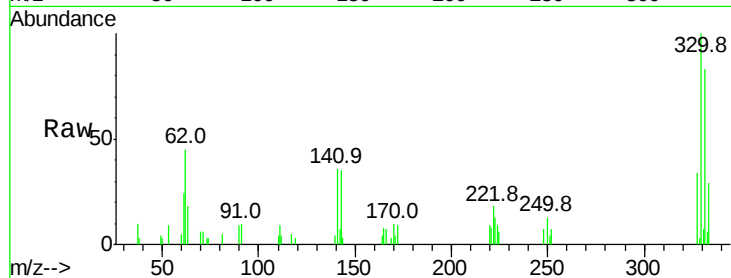




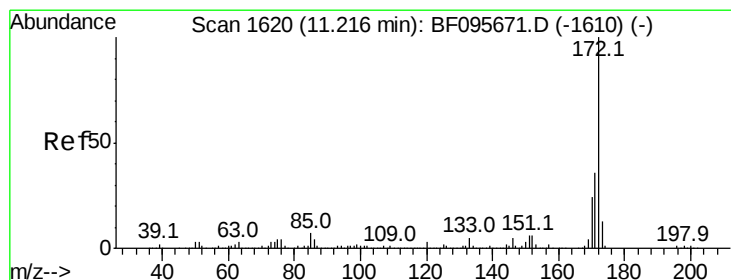
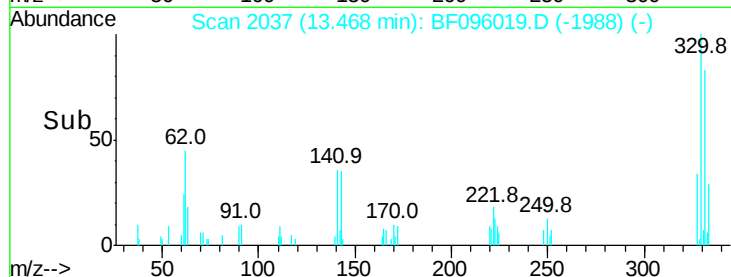
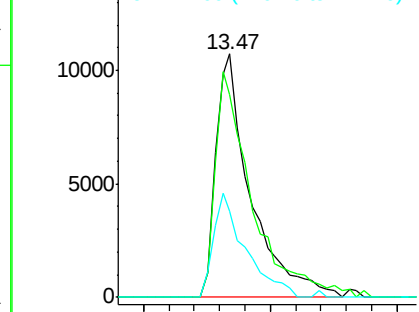
#41
 2,4,6-Tribromophenol
 Concen: 17.76 ng
 RT: 13.47 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: BF096019.D
 Acq: 19 Jun 2017 22:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 20515
 Ion Ratio Lower Upper
 330 100
 332 98.8 76.6 115.0
 141 39.3 31.4 47.2

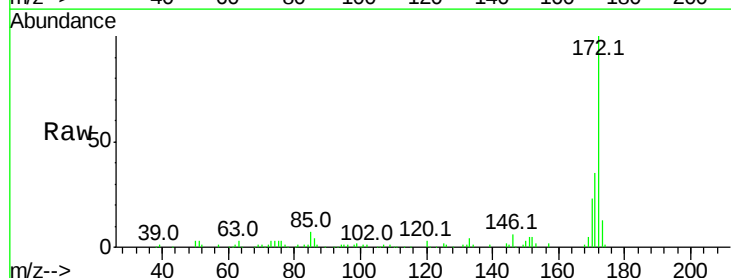


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

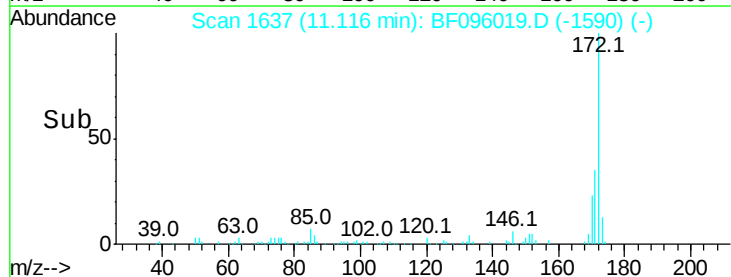
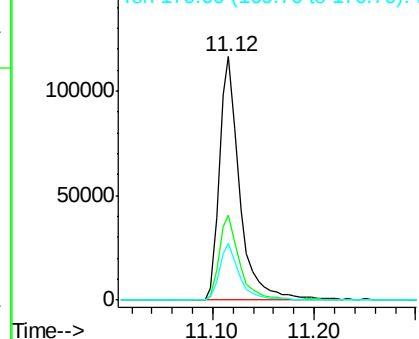


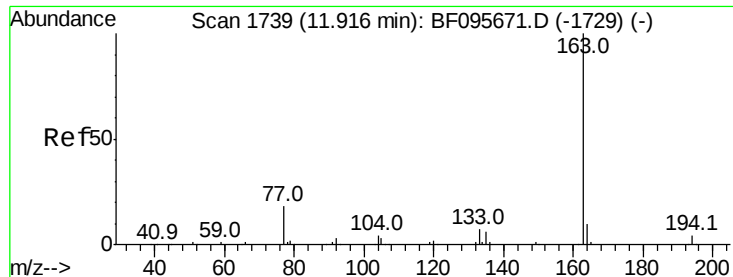
#44
 2-Fluorobiphenyl
 Concen: 17.30 ng
 RT: 11.12 min Scan# 1637
 Delta R.T. -0.02 min
 Lab File: BF096019.D
 Acq: 19 Jun 2017 22:13

Tgt Ion:172 Resp: 162326
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.6 44.4
 170 23.1 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





#49

Dimethylphthalate

Concen: 2.51 ng

RT: 11.82 min Scan# 1757

Delta R.T. -0.03 min

Lab File: BF096019.D

Acq: 19 Jun 2017 22:13

Instrument :

BNA_F

ClientSampleId :

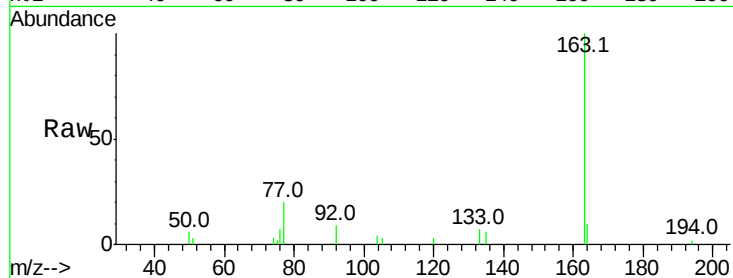
Tot Ion:163 Resp: 24927

Ion Ratio Lower Upper

163 100

194 2.5 2.6 4.0#

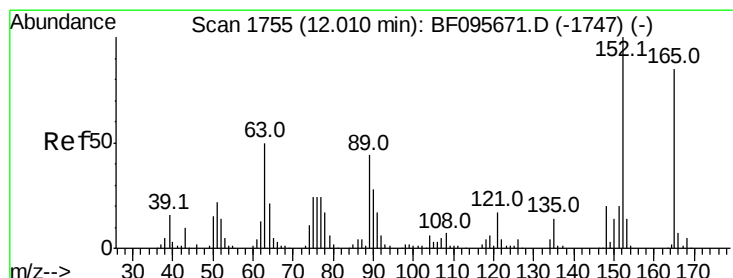
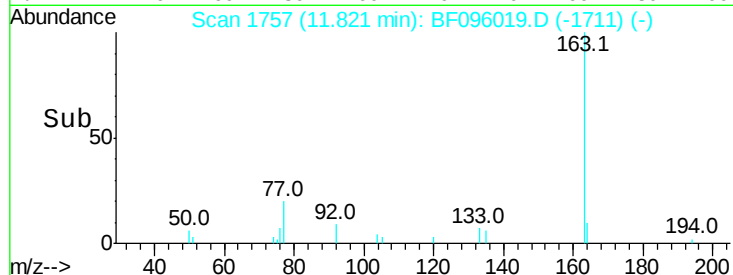
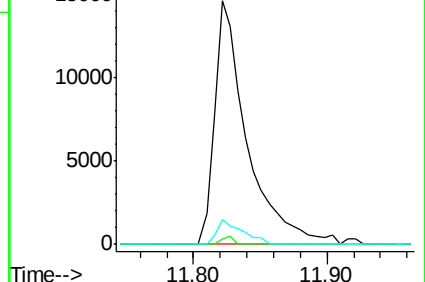
164 10.2 8.4 12.6



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



#50

2,6-Dinitrotoluene

Concen: 7.71 ng

RT: 12.16 min Scan# 1814

Delta R.T. 0.21 min

Lab File: BF096019.D

Acq: 19 Jun 2017 22:13

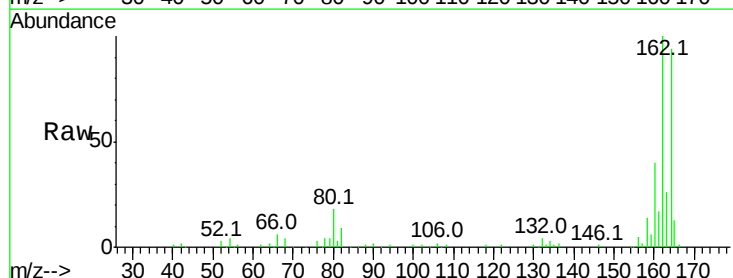
Tgt Ion:165 Resp: 16680

Ion Ratio Lower Upper

165 100

63 0.0 34.3 51.5#

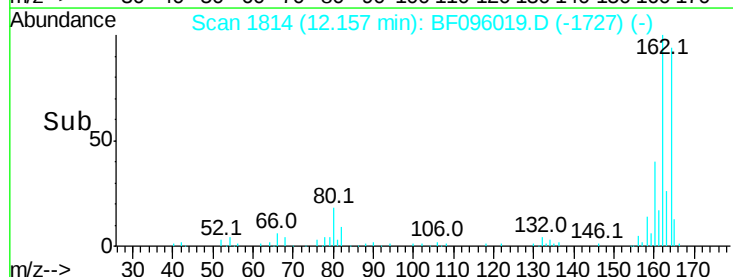
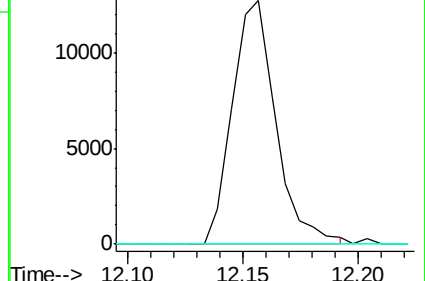
89 0.0 37.1 55.7#

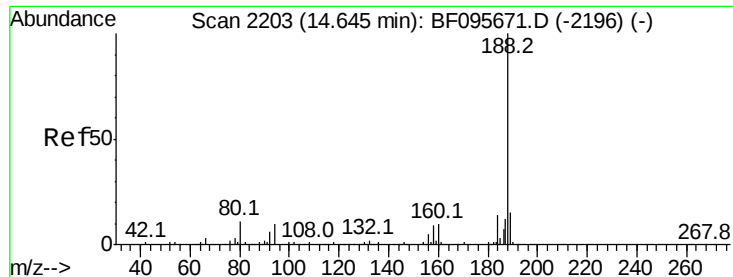


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

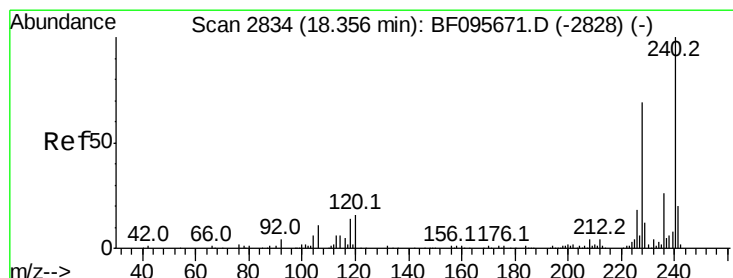
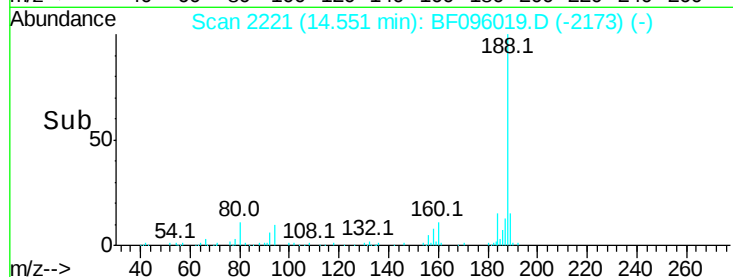
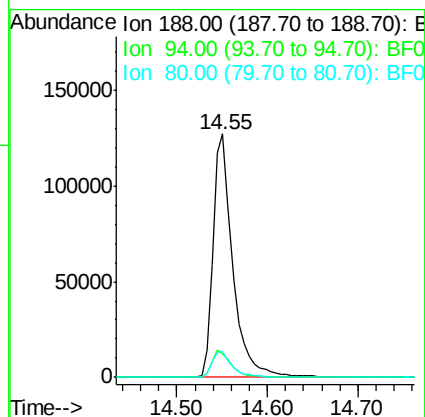
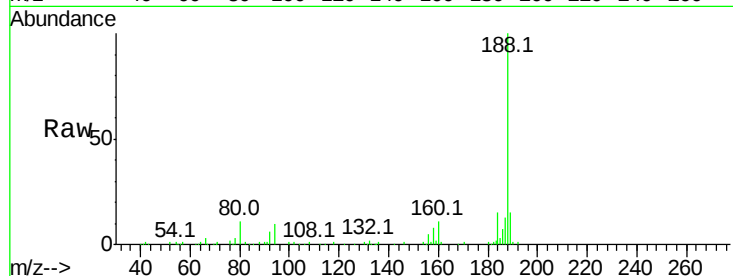




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.55 min Scan# 2221
Delta R.T. -0.02 min
Lab File: BF096019.D
Acq: 19 Jun 2017 22:13

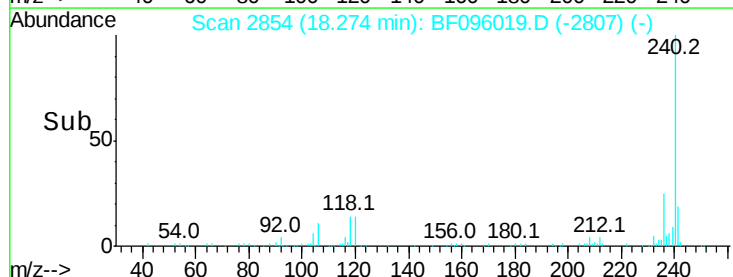
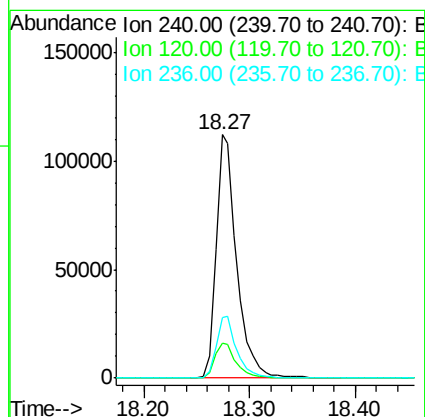
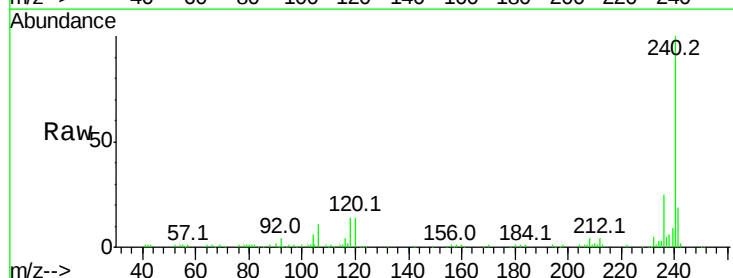
Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 192477
Ion Ratio Lower Upper
188 100
94 9.7 9.4 14.2
80 10.9 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.27 min Scan# 2854
Delta R.T. -0.02 min
Lab File: BF096019.D
Acq: 19 Jun 2017 22:13

Tgt Ion:240 Resp: 152981
Ion Ratio Lower Upper
240 100
120 14.5 5.8 8.8#
236 25.0 20.5 30.7

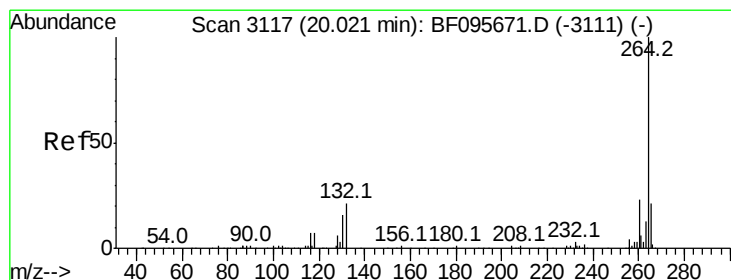
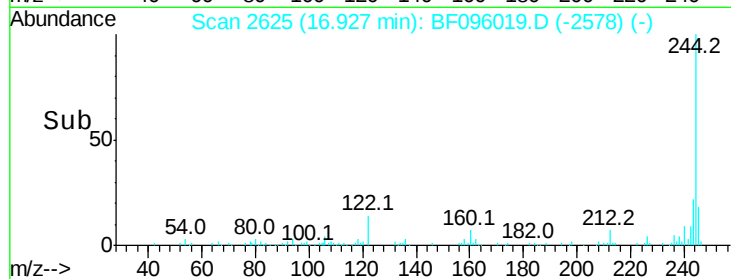
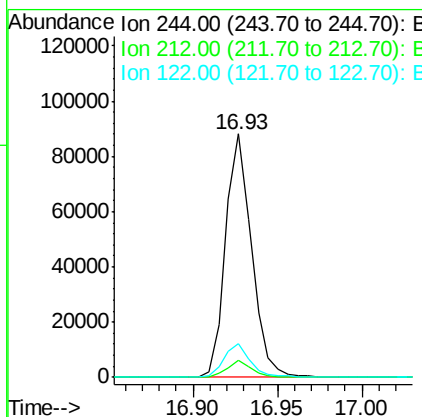
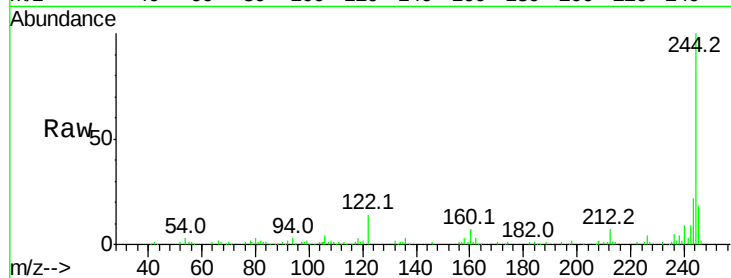




#78
 Terphenyl-d14
 Concen: 15.34 ng
 RT: 16.93 min Scan# 2625
 Delta R.T. -0.02 min
 Lab File: BF096019.D
 Acq: 19 Jun 2017 22:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 94560
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 13.8 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: BF096019.D
 Acq: 19 Jun 2017 22:13

Tgt Ion:264 Resp: 130913
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.5 29.3
 265 21.1 17.2 25.8

