

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062217\
 Data File : BF096143.D
 Acq On : 23 Jun 2017 3:46
 Operator : SJ/MA
 Sample : I3812-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 23 06:44:20 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

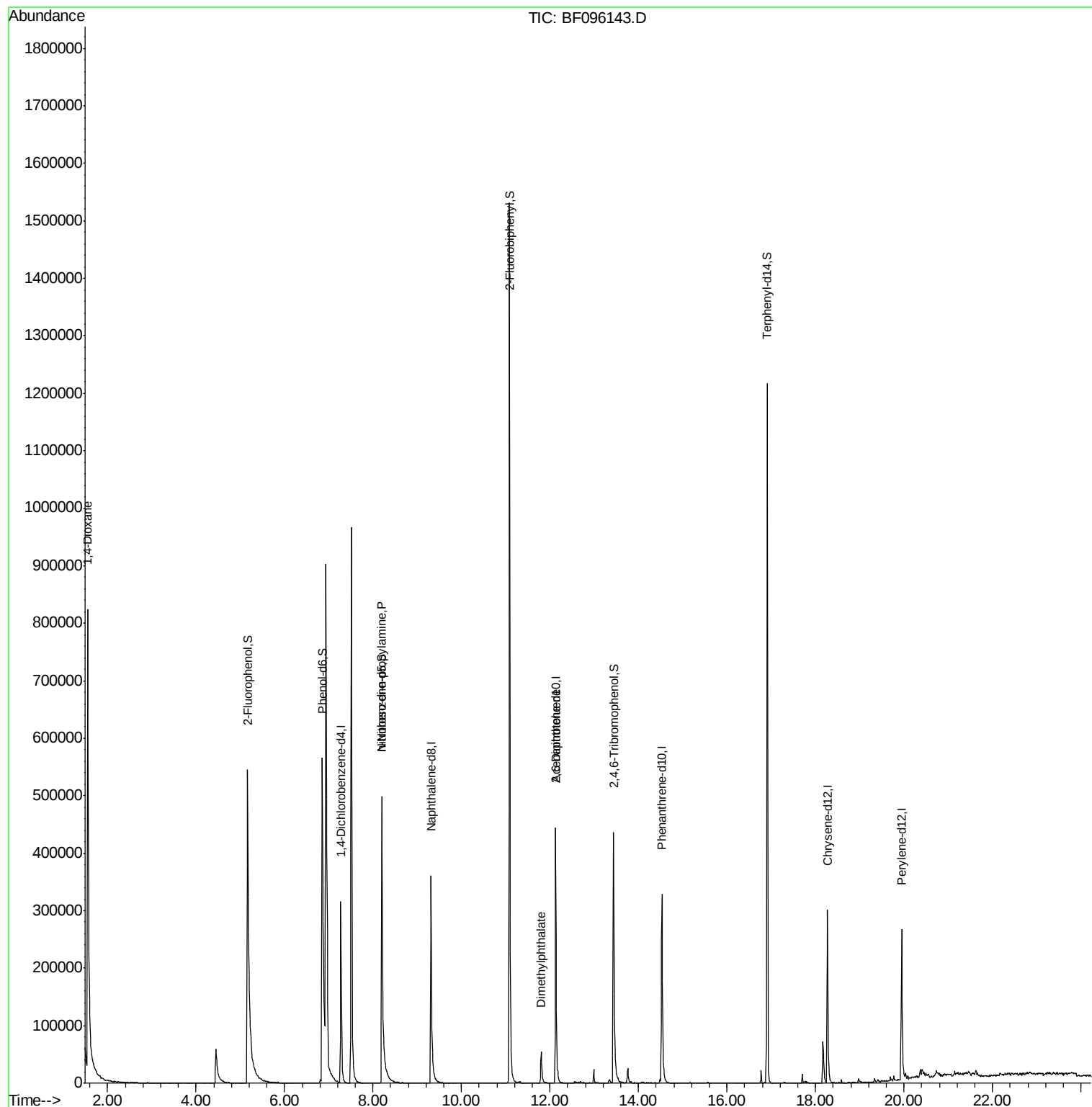
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	80789	20.00	ng	-0.02
21) Naphthalene-d8	9.31	136	351737	20.00	ng	-0.02
38) Acenaphthene-d10	12.13	164	142491	20.00	ng	-0.02
63) Phenanthrene-d10	14.53	188	227456	20.00	ng	-0.01
75) Chrysene-d12	18.27	240	169000	20.00	ng	0.00
86) Perylene-d12	19.94	264	158534	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	508833	100.36	ng	-0.02
7) Phenol-d6	6.85	99	579934	95.55	ng	-0.02
23) Nitrobenzene-d5	8.20	82	365761	64.58	ng	-0.02
41) 2,4,6-Tribromophenol	13.43	330	101632	80.61	ng	-0.02
44) 2-Fluorobiphenyl	11.09	172	734196	71.70	ng	-0.02
78) Terphenyl-d14	16.91	244	485851	71.35	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	1.55	88	40997	17.00	ng	# 21
19) n-Nitroso-di-n-propylamine	8.20	70	42588	11.07	ng	# 75
49) Dimethylphthalate	11.80	163	54955	5.08	ng	97
50) 2,6-Dinitrotoluene	12.13	165	17874	7.57	ng	# 31

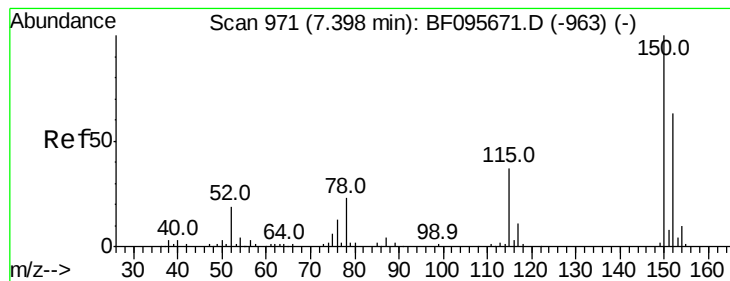
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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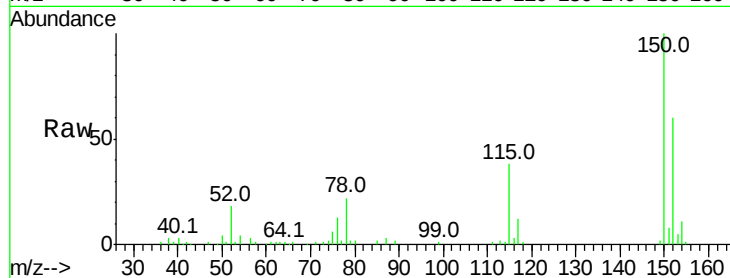


#1

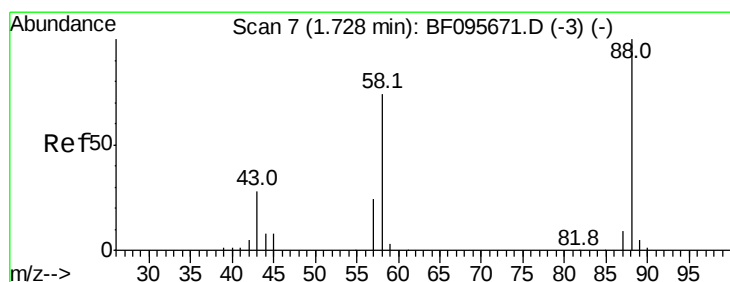
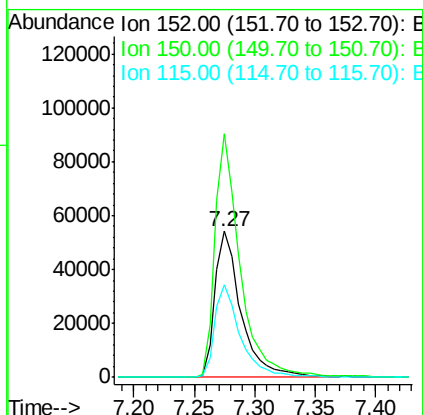
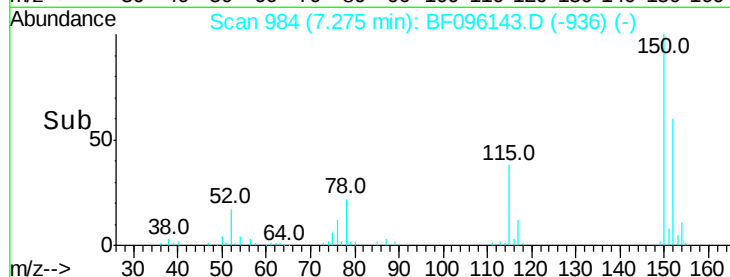
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.27 min Scan# 984
Delta R.T. -0.02 min
Lab File: BF096143.D
Acq: 23 Jun 2017 3:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 80789
Ion Ratio Lower Upper
152 100
150 166.9 126.2 189.2
115 63.7 52.2 78.2



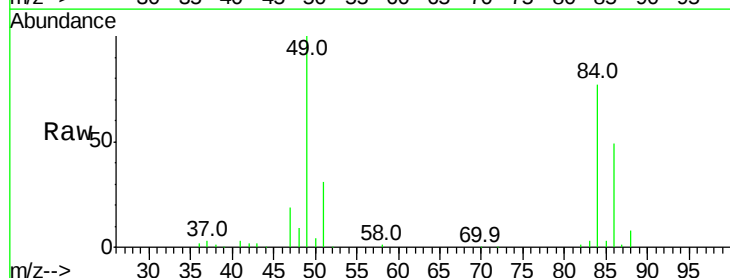
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



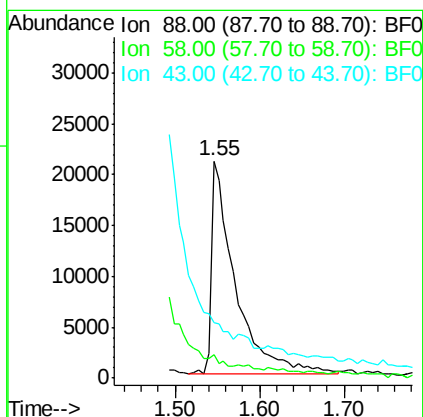
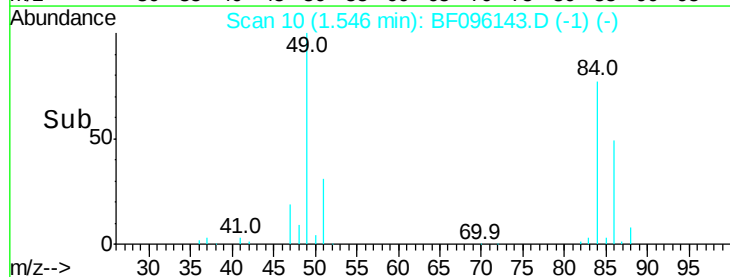
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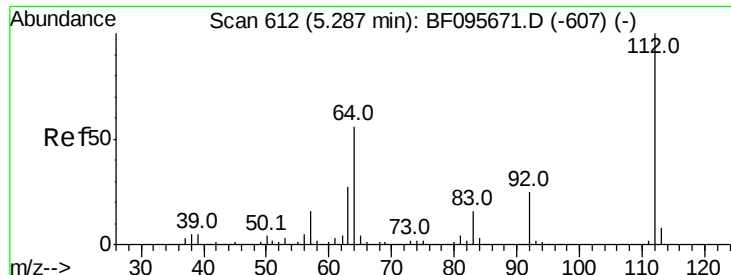
1,4-Dioxane
Concen: 17.00 ng
RT: 1.55 min Scan# 10
Delta R.T. -0.06 min
Lab File: BF096143.D
Acq: 23 Jun 2017 3:46

Tgt Ion: 88 Resp: 40997
Ion Ratio Lower Upper
88 100
58 0.0 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

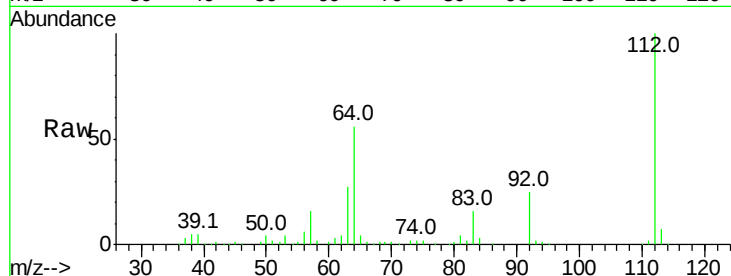




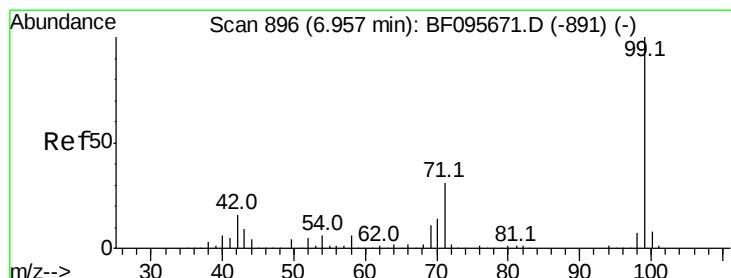
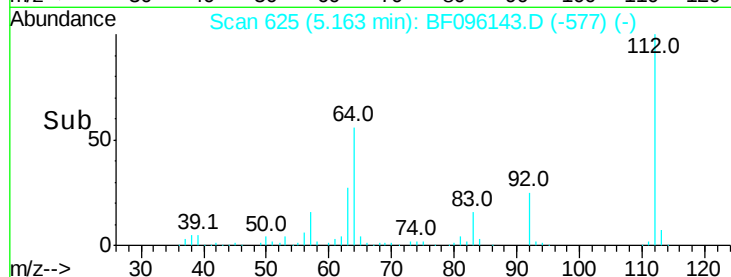
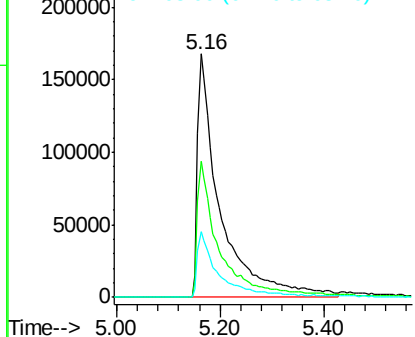
#5
 2-Fluorophenol
 Concen: 100.36 ng
 RT: 5.16 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF096143.D
 Acq: 23 Jun 2017 3:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
112	100		
64	55.9	46.0	69.0
63	26.8	23.4	35.0

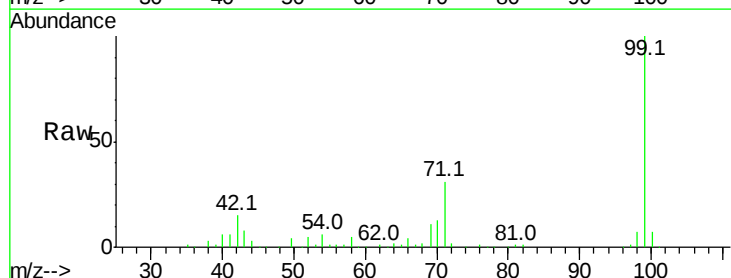


Abundance Ion 112.00 (111.70 to 112.70): B

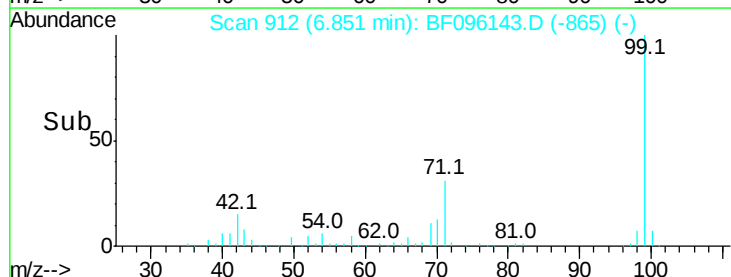
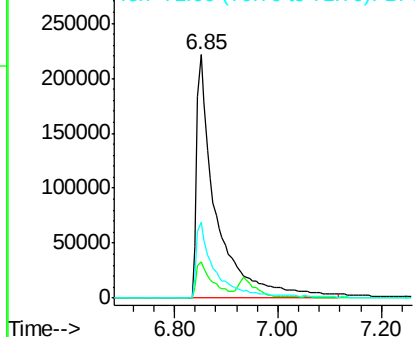


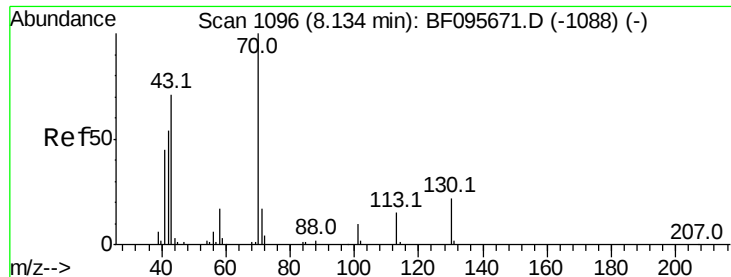
#7
 Phenol-d6
 Concen: 95.55 ng
 RT: 6.85 min Scan# 912
 Delta R.T. -0.02 min
 Lab File: BF096143.D
 Acq: 23 Jun 2017 3:46

Tgt Ion	Ratio	Lower	Upper
99	100		
42	15.0	13.5	20.3
71	31.1	24.5	36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 11.07 ng

RT: 8.20 min Scan# 1141

Delta R.T. 0.16 min

Lab File: BF096143.D

Acq: 23 Jun 2017 3:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 42588

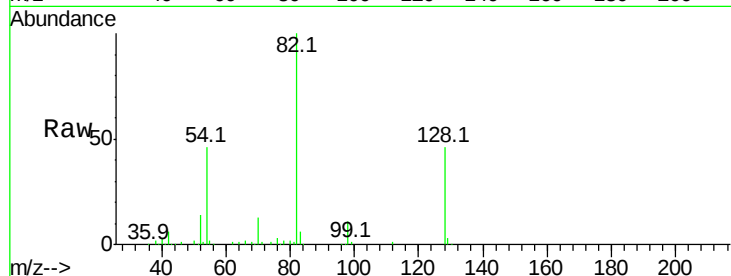
Ion Ratio Lower Upper

70 100

42 43.9 47.2 70.8#

101 0.0 7.2 10.8#

130 2.6 15.9 23.9#

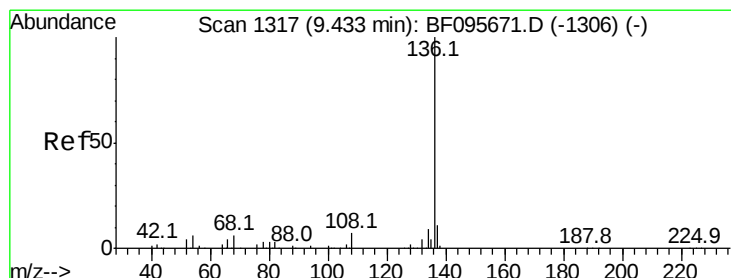
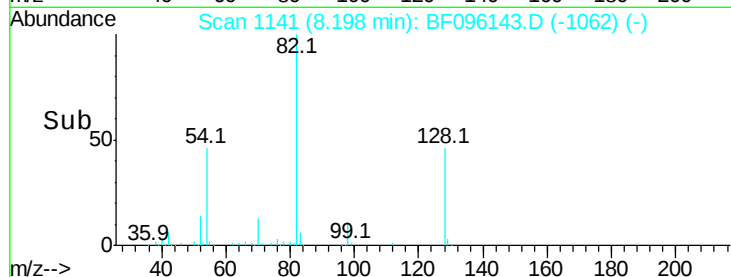
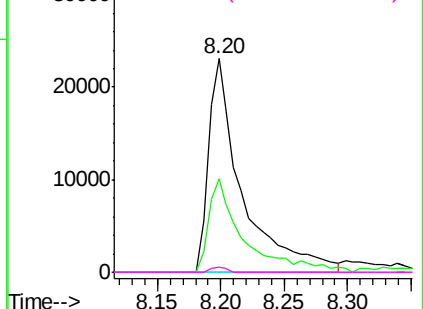


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 9.31 min Scan# 1330

Delta R.T. -0.02 min

Lab File: BF096143.D

Acq: 23 Jun 2017 3:46

Tgt Ion: 136 Resp: 351737

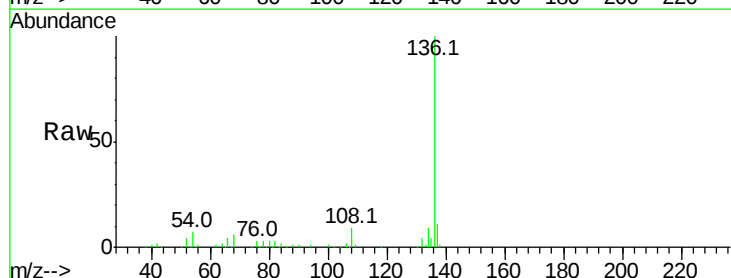
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 6.6 4.9 7.3

68 6.0 4.1 6.1

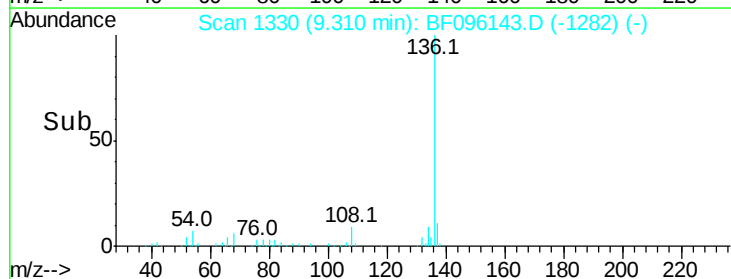
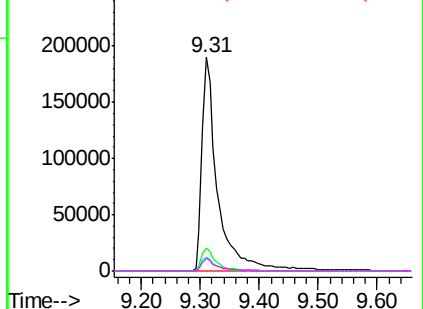


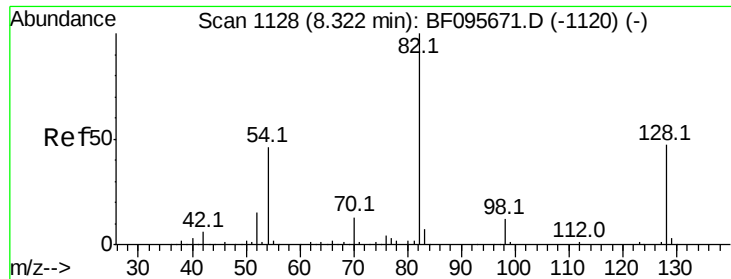
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

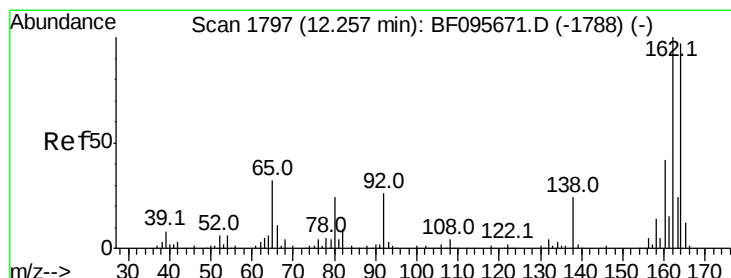
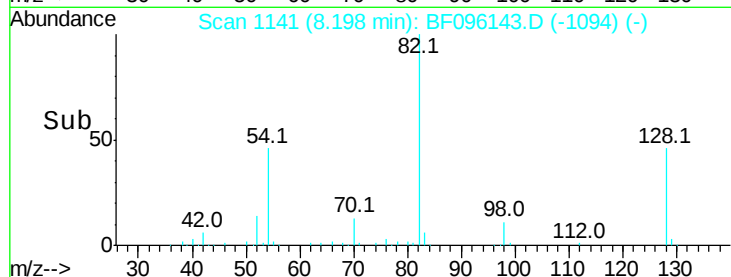
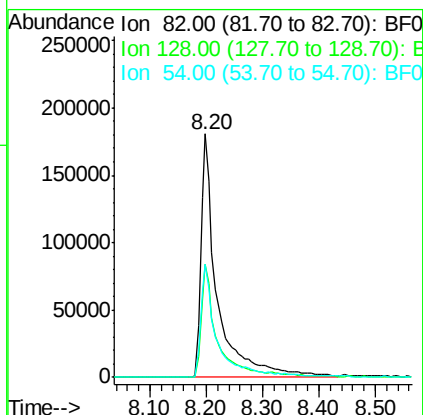
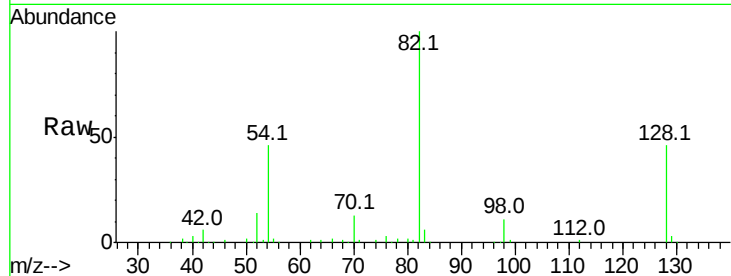




#23
Nitrobenzene-d5
Concen: 64.58 ng
RT: 8.20 min Scan# 1141
Delta R.T. -0.02 min
Lab File: BF096143.D
Acq: 23 Jun 2017 3:46

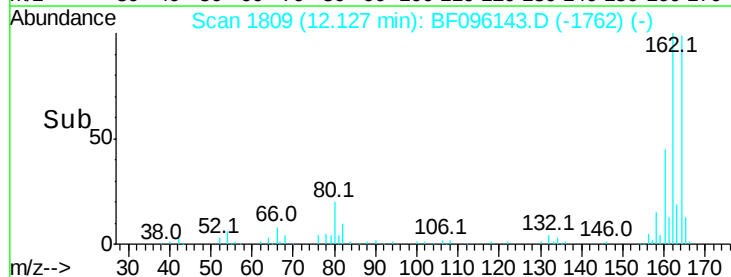
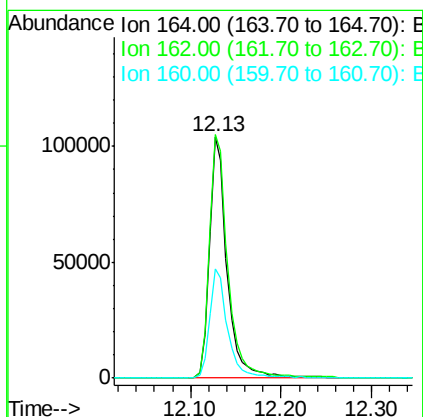
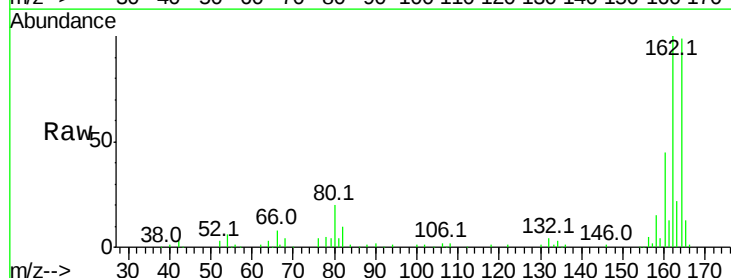
Instrument :
BNA_F
ClientSampled :

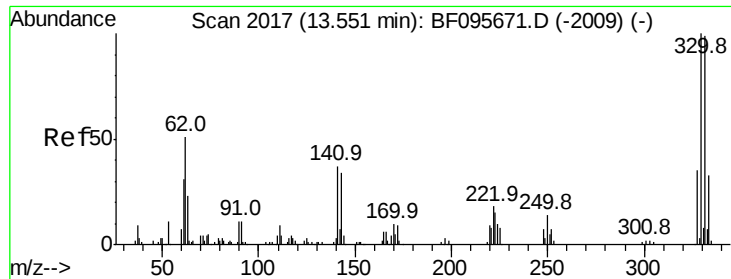
Tot Ion: 82 Resp: 365761
Ion Ratio Lower Upper
82 100
128 46.4 34.0 51.0
54 46.3 42.2 63.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.13 min Scan# 1809
Delta R.T. -0.02 min
Lab File: BF096143.D
Acq: 23 Jun 2017 3:46

Tgt Ion:164 Resp: 142491
Ion Ratio Lower Upper
164 100
162 100.9 82.6 123.8
160 45.3 36.2 54.2

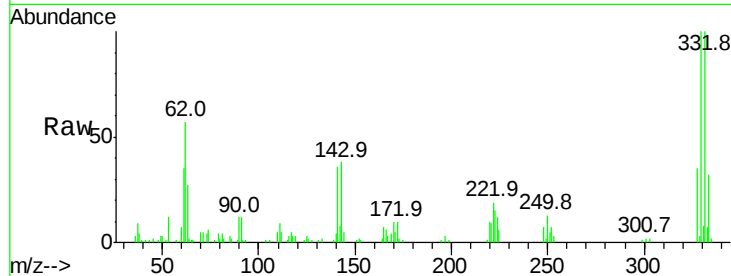




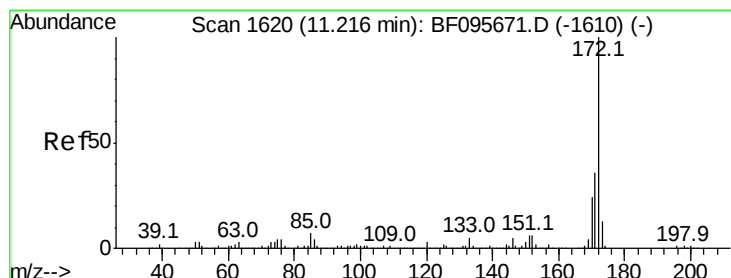
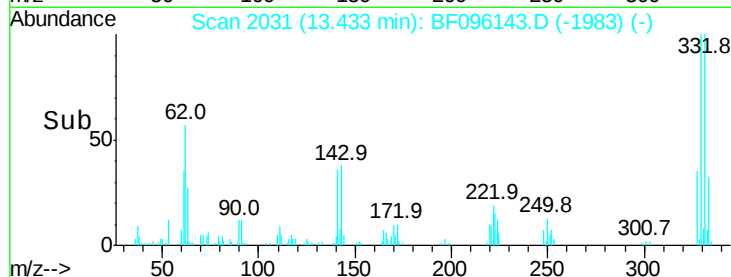
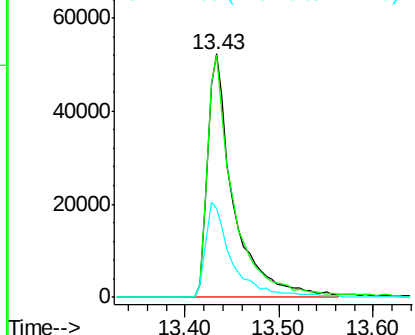
#41
 2,4,6-Tribromophenol
 Concen: 80.61 ng
 RT: 13.43 min Scan# 2031
 Delta R.T. -0.02 min
 Lab File: BF096143.D
 Acq: 23 Jun 2017 3:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 101632
 Ion Ratio Lower Upper
 330 100
 332 98.5 76.6 115.0
 141 39.7 31.4 47.2

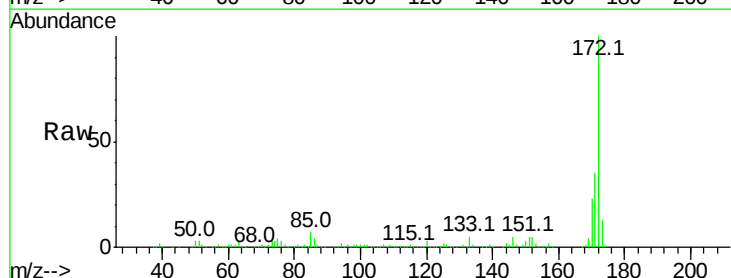


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

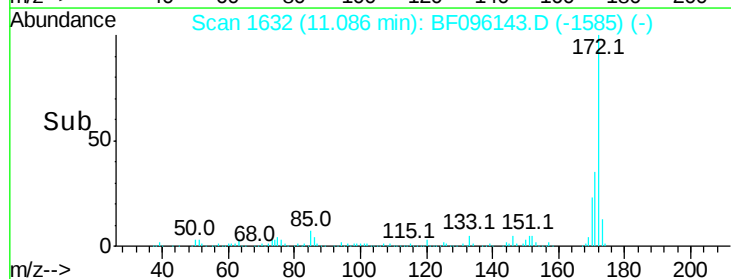
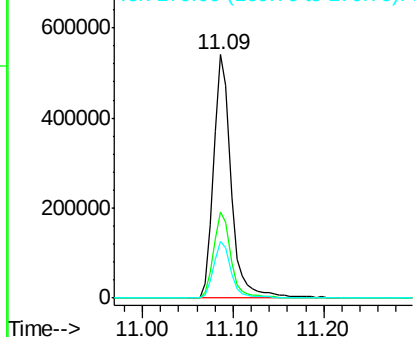


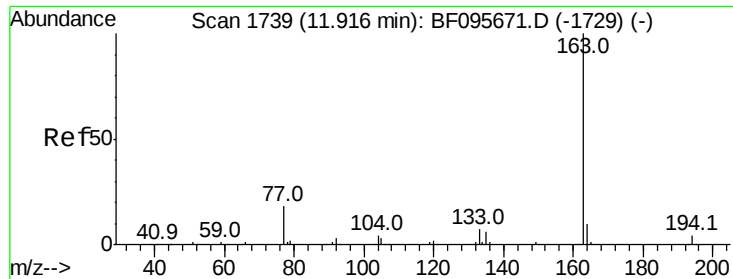
#44
 2-Fluorobiphenyl
 Concen: 71.70 ng
 RT: 11.09 min Scan# 1632
 Delta R.T. -0.02 min
 Lab File: BF096143.D
 Acq: 23 Jun 2017 3:46

Tgt Ion:172 Resp: 734196
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.6 44.4
 170 23.2 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: 5.08 ng

RT: 11.80 min Scan# 1753

Delta R.T. -0.02 min

Lab File: BF096143.D

Acq: 23 Jun 2017 3:46

Instrument :

BNA_F

ClientSampleId :

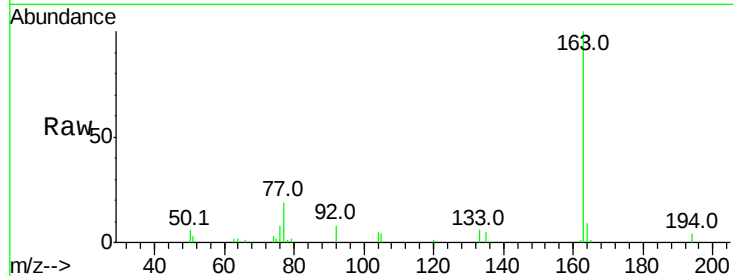
Tot Ion:163 Resp: 54955

Ion Ratio Lower Upper

163 100

194 3.8 2.6 4.0

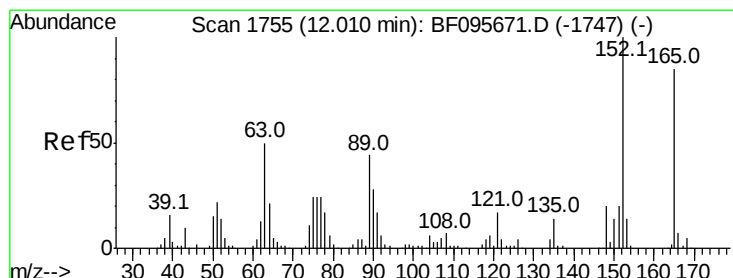
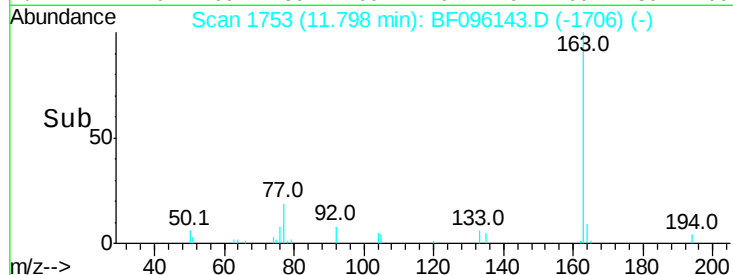
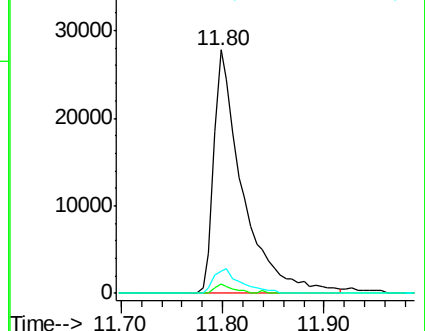
164 9.4 8.4 12.6



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



#50

2,6-Dinitrotoluene

Concen: 7.57 ng

RT: 12.13 min Scan# 1809

Delta R.T. 0.21 min

Lab File: BF096143.D

Acq: 23 Jun 2017 3:46

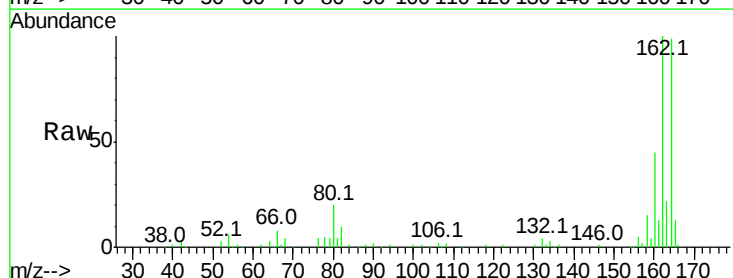
Tgt Ion:165 Resp: 17874

Ion Ratio Lower Upper

165 100

63 0.0 34.3 51.5#

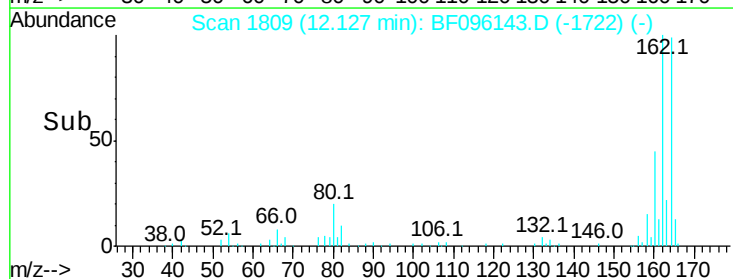
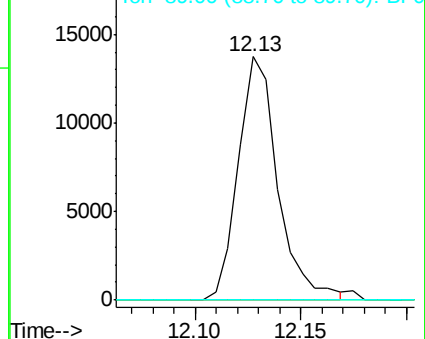
89 0.0 37.1 55.7#

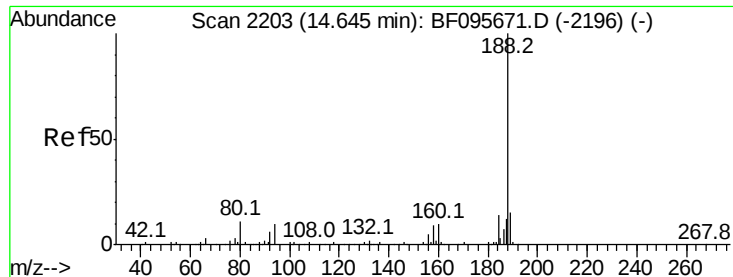


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

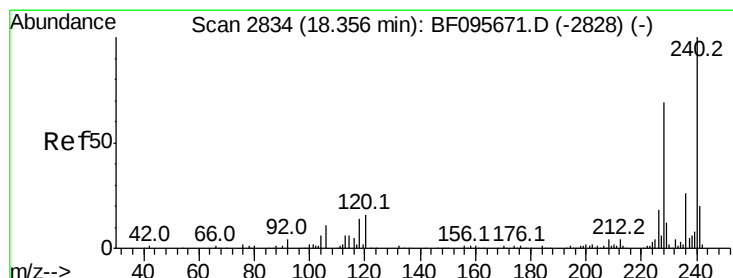
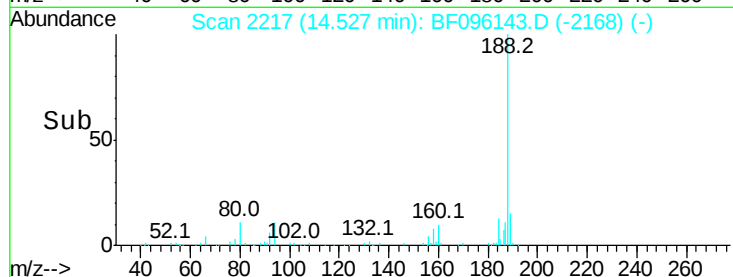
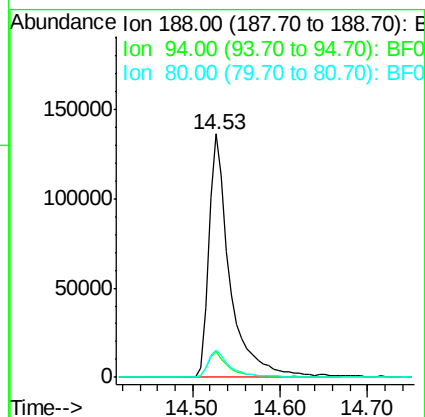
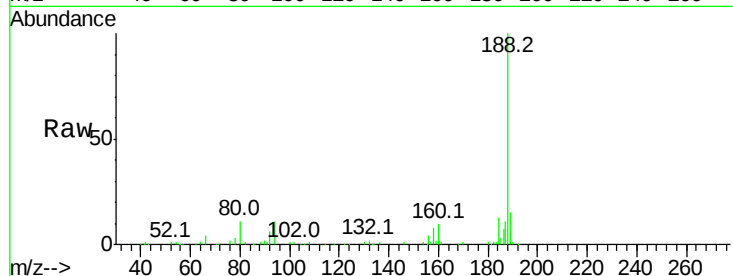




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.53 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF096143.D
Acq: 23 Jun 2017 3:46

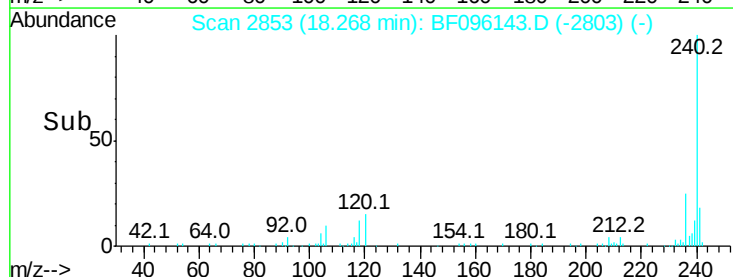
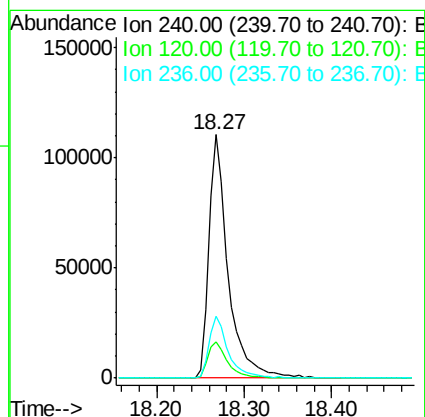
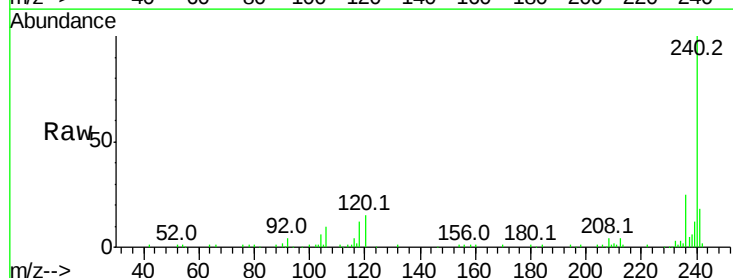
Instrument :
BNA_F
ClientSampleId :

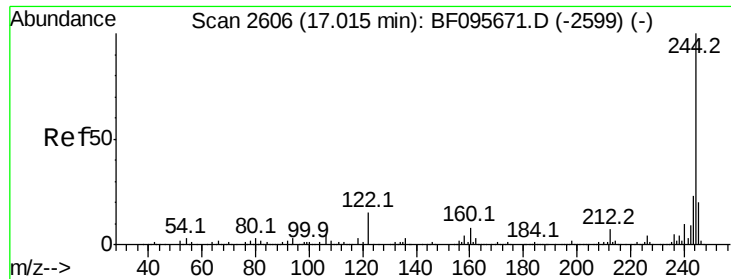
Tot Ion:188 Resp: 227456
Ion Ratio Lower Upper
188 100
94 10.9 9.4 14.2
80 11.2 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.27 min Scan# 2853
Delta R.T. -0.01 min
Lab File: BF096143.D
Acq: 23 Jun 2017 3:46

Tgt Ion:240 Resp: 169000
Ion Ratio Lower Upper
240 100
120 15.0 5.8 8.8#
236 25.3 20.5 30.7

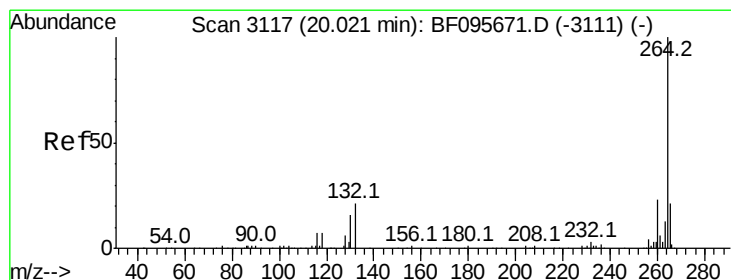
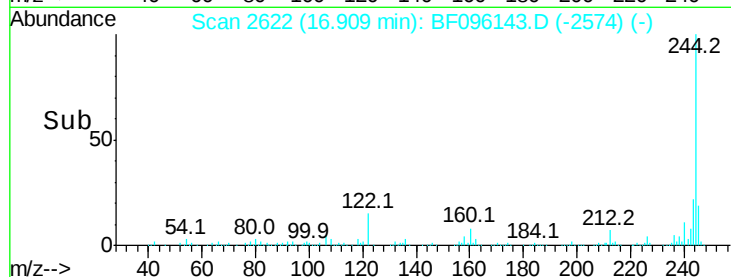
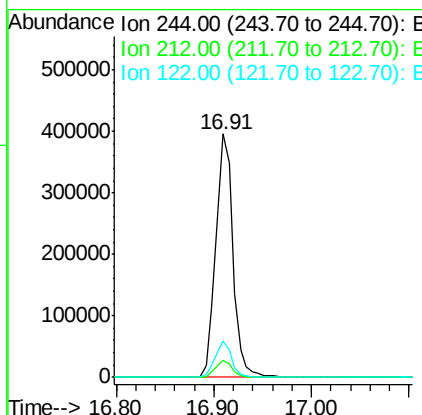
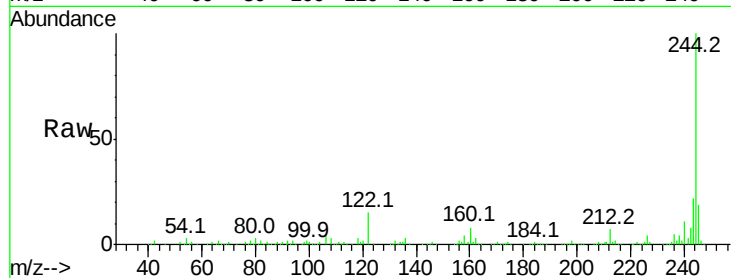




#78
 Terphenyl-d14
 Concen: 71.35 ng
 RT: 16.91 min Scan# 2622
 Delta R.T. -0.02 min
 Lab File: BF096143.D
 Acq: 23 Jun 2017 3:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 485851
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 15.1 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.94 min Scan# 3138
 Delta R.T. 0.01 min
 Lab File: BF096143.D
 Acq: 23 Jun 2017 3:46

Tgt Ion:264 Resp: 158534
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.5 29.3
 265 20.8 17.2 25.8

