

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
 Data File : BF096020.D
 Acq On : 19 Jun 2017 22:46
 Operator : SJ/MA
 Sample : I3676-01 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 20 01:09:42 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

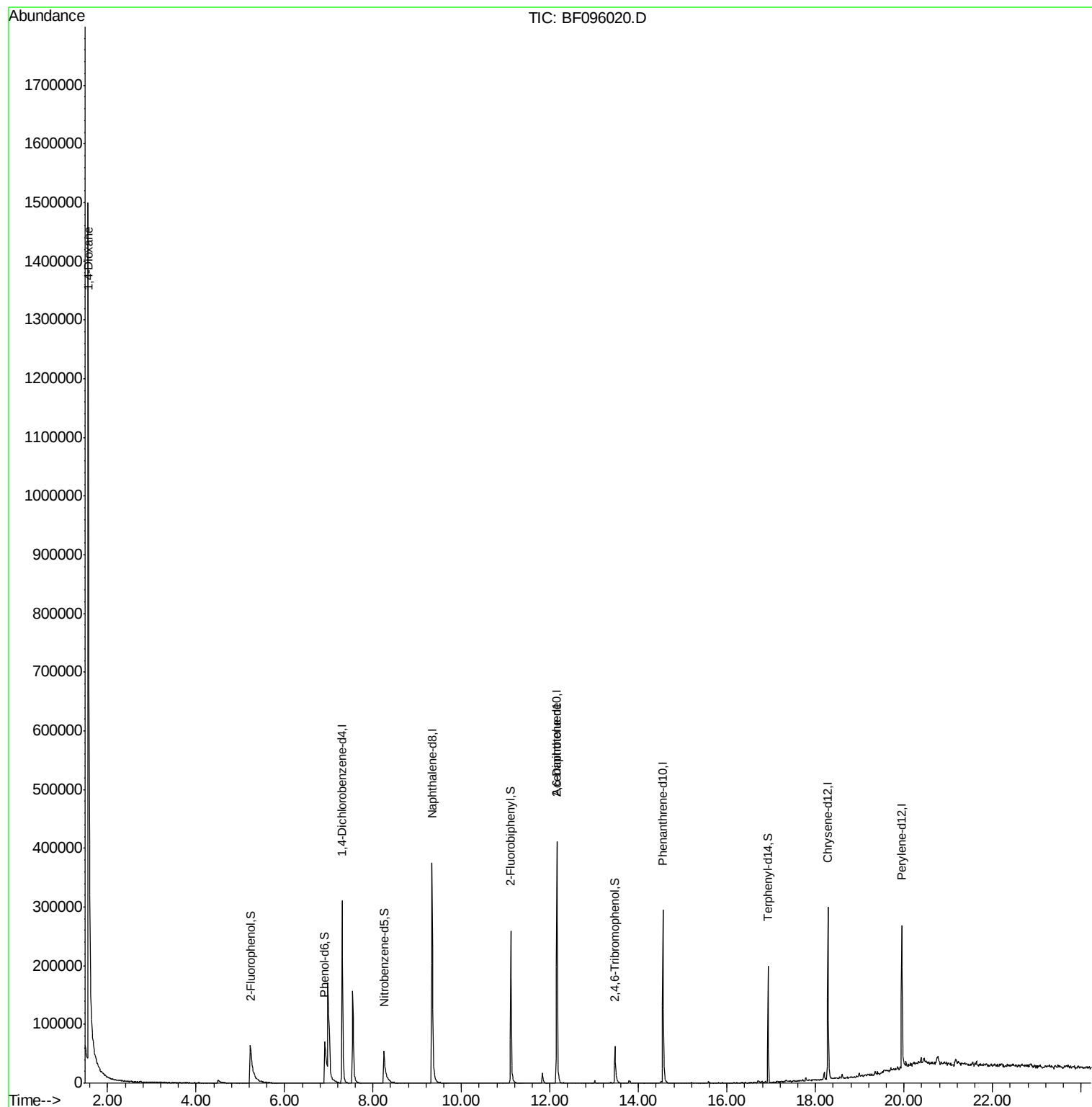
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	79118	20.00	ng	-0.02
21) Naphthalene-d8	9.33	136	316291	20.00	ng	-0.02
38) Acenaphthene-d10	12.16	164	128933	20.00	ng	-0.02
63) Phenanthrene-d10	14.55	188	188775	20.00	ng	-0.02
75) Chrysene-d12	18.28	240	150972	20.00	ng	-0.02
86) Perylene-d12	19.95	264	128068	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	89389	18.00	ng	0.01
7) Phenol-d6	6.91	99	124763	20.99	ng	0.00
23) Nitrobenzene-d5	8.25	82	66391	13.04	ng	0.00
41) 2,4,6-Tribromophenol	13.47	330	18380	16.11	ng	-0.01
44) 2-Fluorobiphenyl	11.12	172	134878	14.56	ng	-0.02
78) Terphenyl-d14	16.93	244	78572	12.92	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	1.56	88	75739	32.07	ng	# 21
50) 2,6-Dinitrotoluene	12.16	165	15490	7.25	ng	# 31

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

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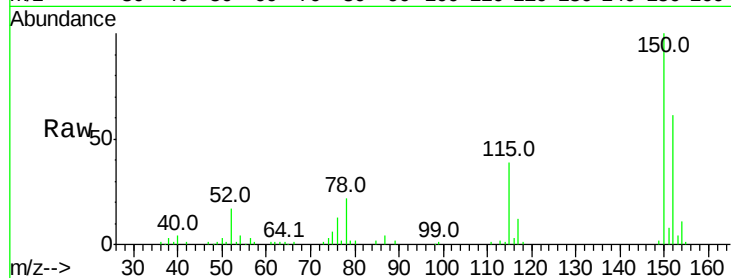


#1

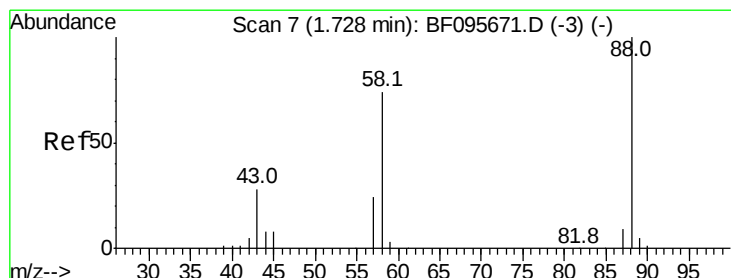
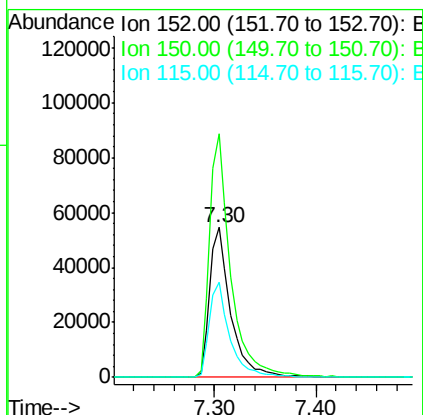
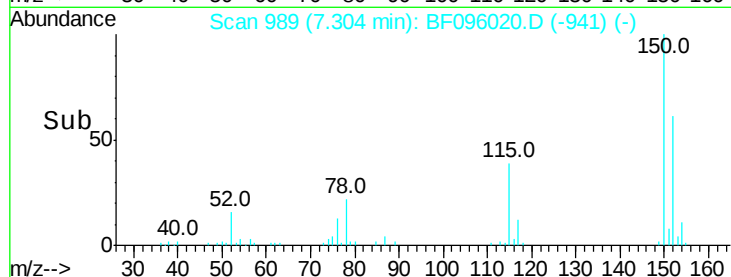
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.30 min Scan# 989
Delta R.T. -0.02 min
Lab File: BF096020.D
Acq: 19 Jun 2017 22:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 79118
Ion Ratio Lower Upper
152 100
150 162.6 126.2 189.2
115 63.2 52.2 78.2



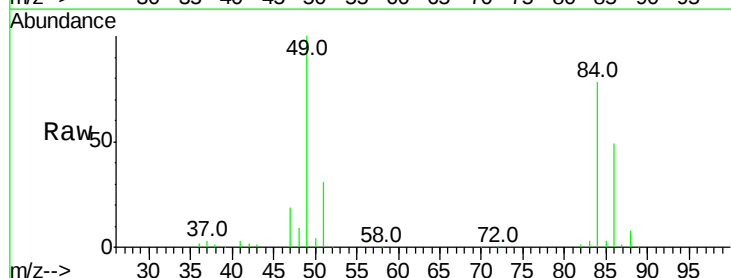
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



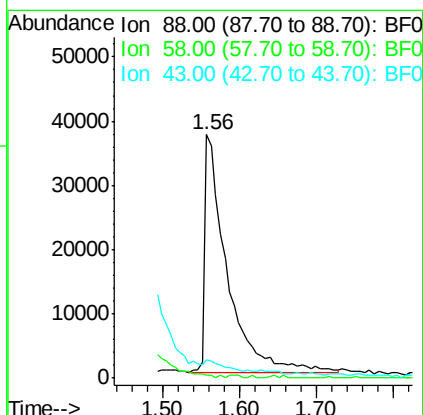
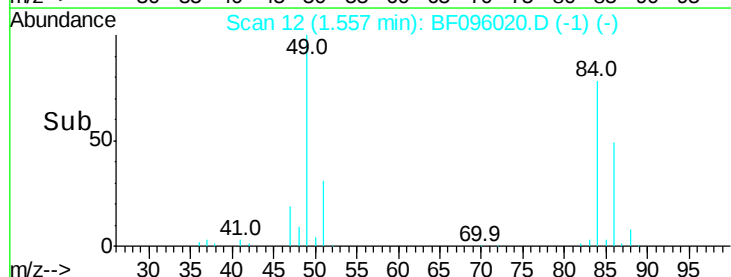
#2

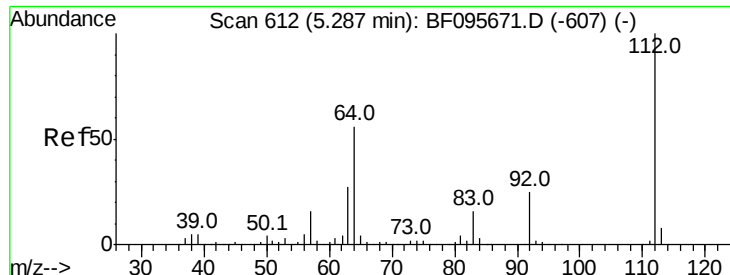
1,4-Dioxane
Concen: 32.07 ng
RT: 1.56 min Scan# 12
Delta R.T. -0.08 min
Lab File: BF096020.D
Acq: 19 Jun 2017 22:46

Tgt Ion: 88 Resp: 75739
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

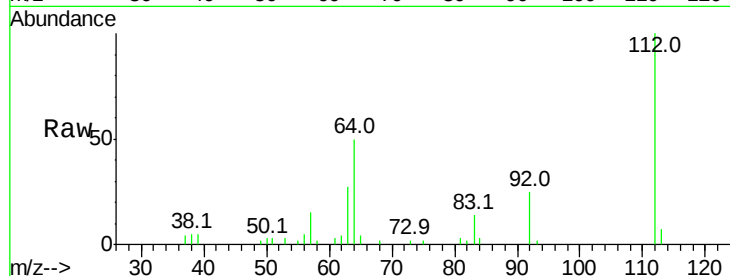




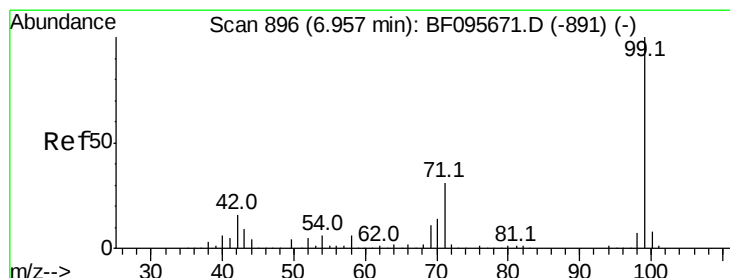
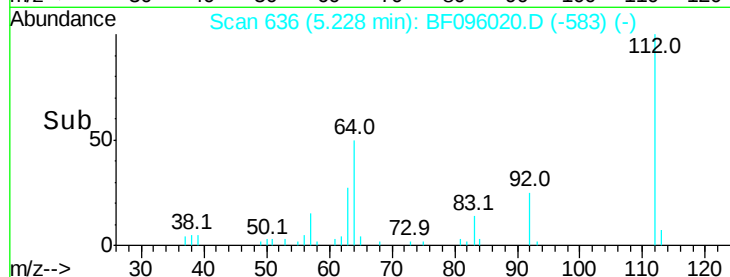
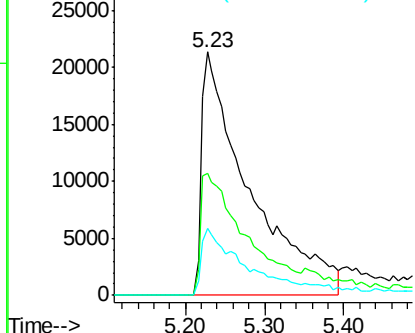
#5
2-Fluorophenol
Concen: 18.00 ng
RT: 5.23 min Scan# 636
Delta R.T. 0.01 min
Lab File: BF096020.D
Acq: 19 Jun 2017 22:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:112 Resp: 89389
Ion Ratio Lower Upper
112 100
64 50.0 46.0 69.0
63 27.3 23.4 35.0

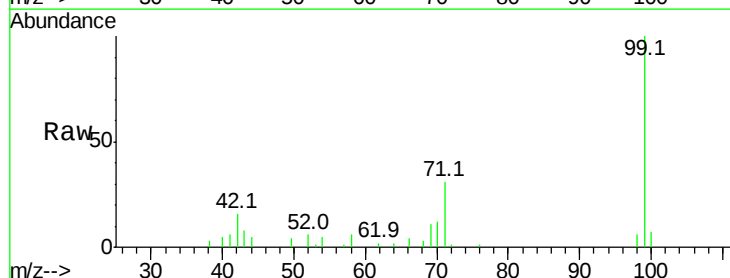


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0

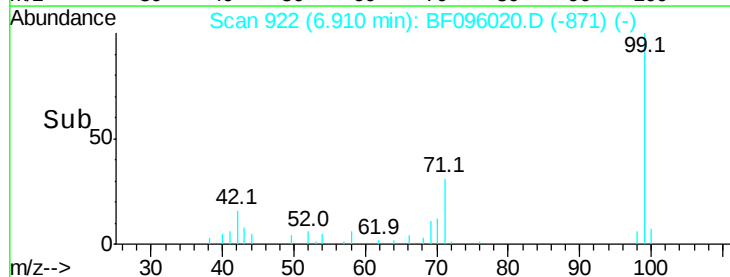
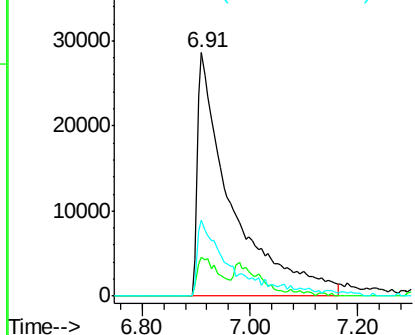


#7
Phenol-d6
Concen: 20.99 ng
RT: 6.91 min Scan# 922
Delta R.T. 0.00 min
Lab File: BF096020.D
Acq: 19 Jun 2017 22:46

Tgt Ion: 99 Resp: 124763
Ion Ratio Lower Upper
99 100
42 15.7 13.5 20.3
71 30.9 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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.33 min Scan# 1334

Delta R.T. -0.02 min

Lab File: BF096020.D

Acq: 19 Jun 2017 22:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 316291

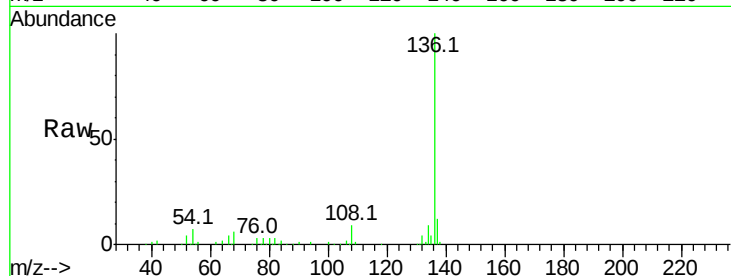
Ion Ratio Lower Upper

136 100

137 11.8 8.5 12.7

54 7.0 4.9 7.3

68 5.6 4.1 6.1

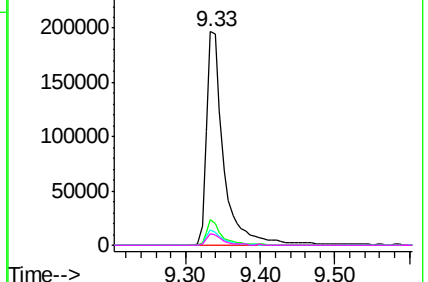
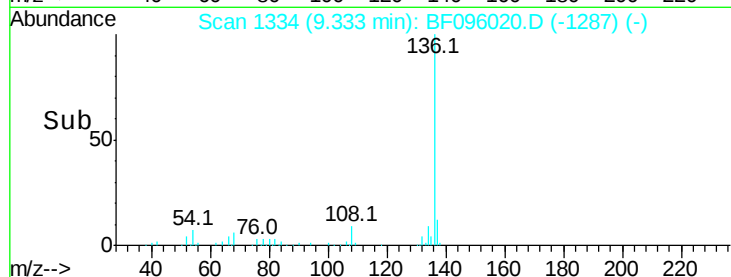


Abundance Ion 136.00 (135.70 to 136.70): E

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: 13.04 ng

RT: 8.25 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BF096020.D

Acq: 19 Jun 2017 22:46

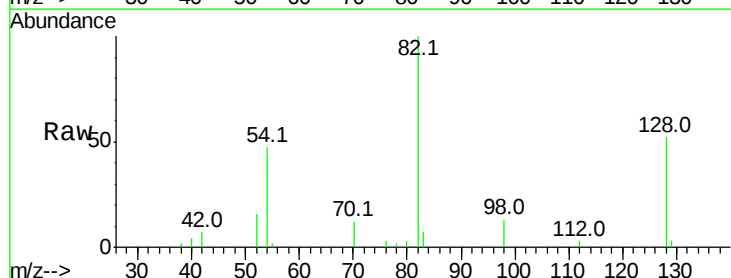
Tgt Ion: 82 Resp: 66391

Ion Ratio Lower Upper

82 100

128 52.2 34.0 51.0#

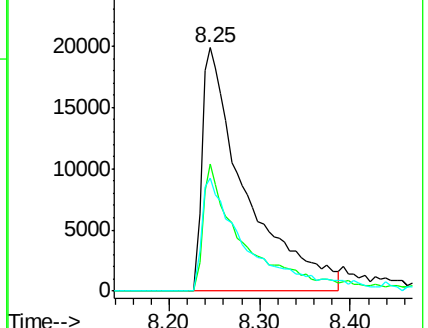
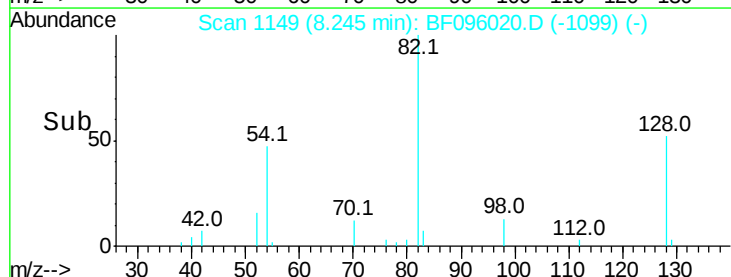
54 46.7 42.2 63.2



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.16 min Scan# 1814

Delta R.T. -0.02 min

Lab File: BF096020.D

Acq: 19 Jun 2017 22:46

Instrument :

BNA_F

ClientSampleId :

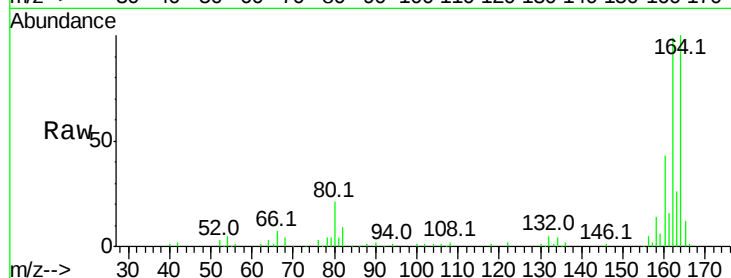
Tot Ion:164 Resp: 128933

Ion Ratio Lower Upper

164 100

162 99.4 82.6 123.8

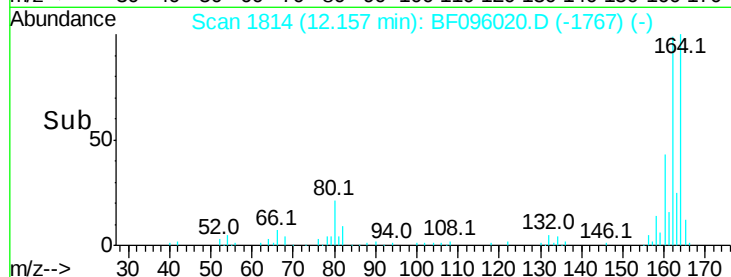
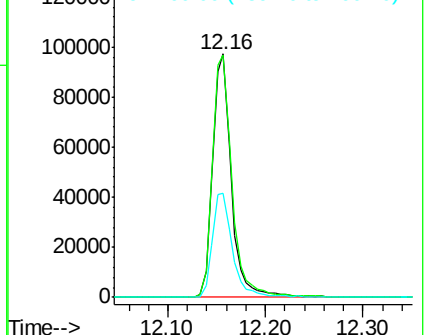
160 43.0 36.2 54.2



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: 16.11 ng

RT: 13.47 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF096020.D

Acq: 19 Jun 2017 22:46

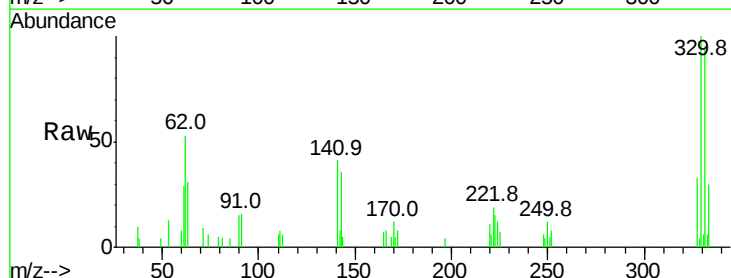
Tgt Ion:330 Resp: 18380

Ion Ratio Lower Upper

330 100

332 95.8 76.6 115.0

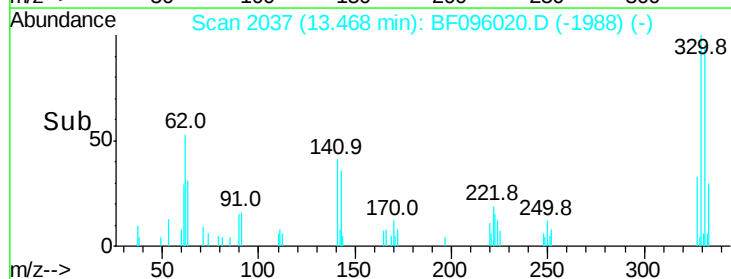
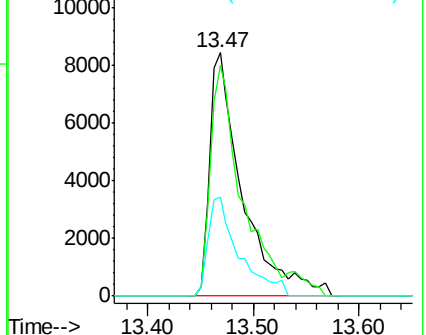
141 38.0 31.4 47.2



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

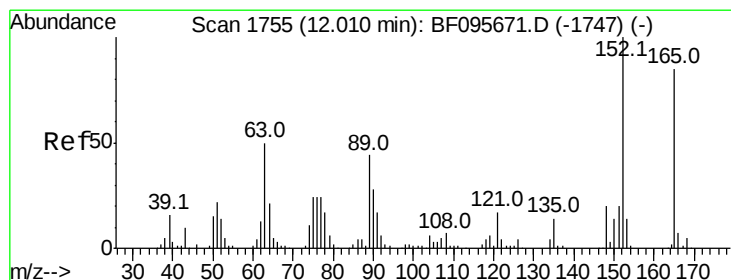
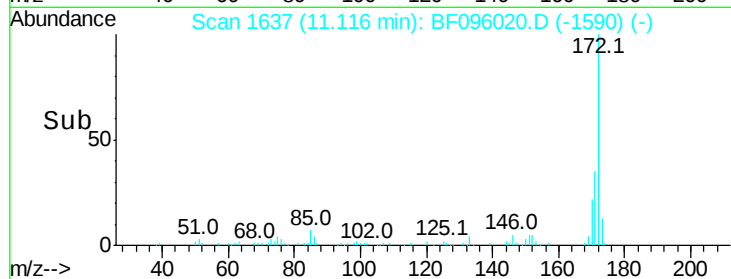
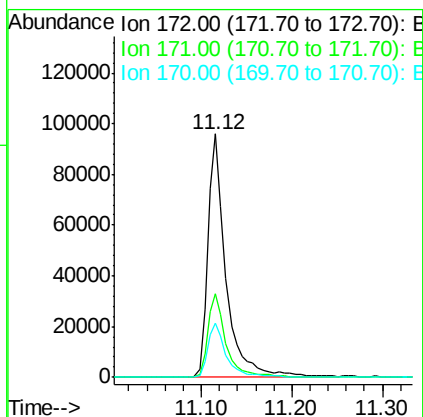
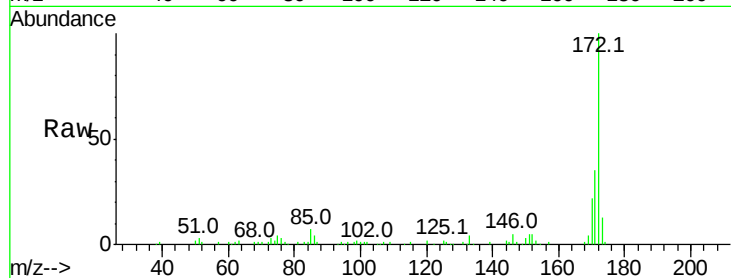




#44
 2-Fluorobiphenyl
 Concen: 14.56 ng
 RT: 11.12 min Scan# 1637
 Delta R.T. -0.02 min
 Lab File: BF096020.D
 Acq: 19 Jun 2017 22:46

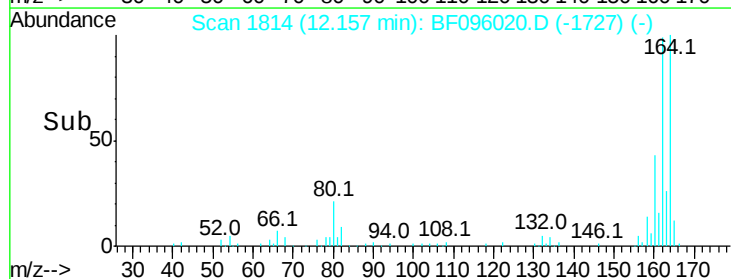
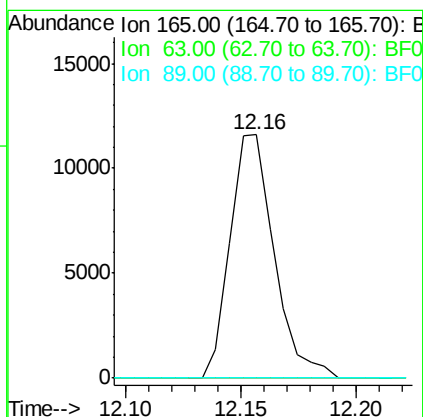
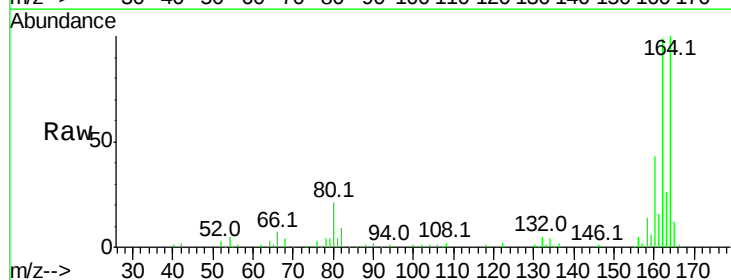
Instrument :
 BNA_F
 ClientSampleId :

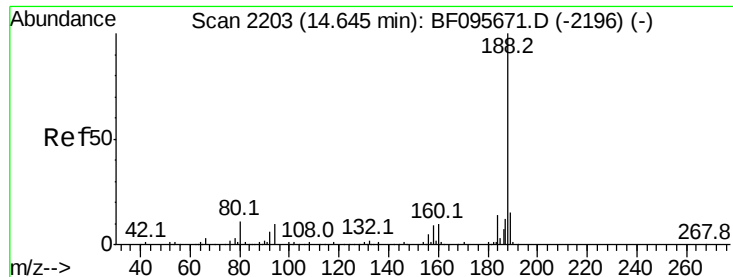
Tot Ion:172 Resp: 134878
 Ion Ratio Lower Upper
 172 100
 171 34.6 29.6 44.4
 170 22.4 19.8 29.8



#50
 2,6-Dinitrotoluene
 Concen: 7.25 ng
 RT: 12.16 min Scan# 1814
 Delta R.T. 0.21 min
 Lab File: BF096020.D
 Acq: 19 Jun 2017 22:46

Tgt Ion:165 Resp: 15490
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 0.0 37.1 55.7#

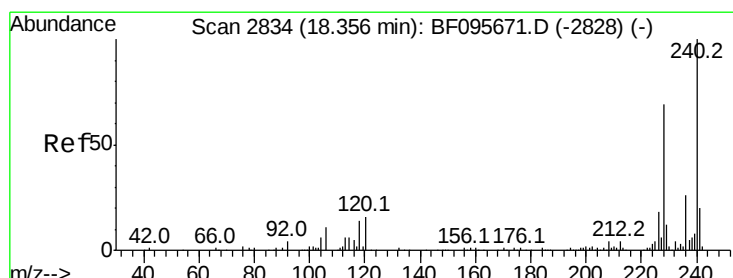
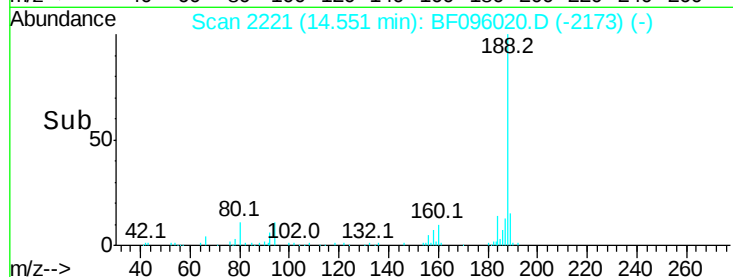
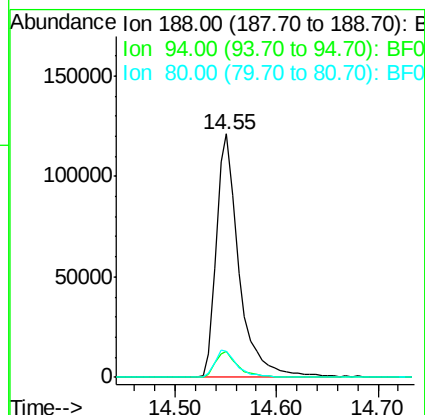
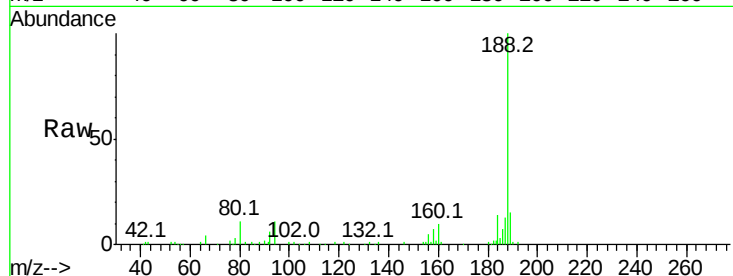




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.55 min Scan# 2221
Delta R.T. -0.02 min
Lab File: BF096020.D
Acq: 19 Jun 2017 22:46

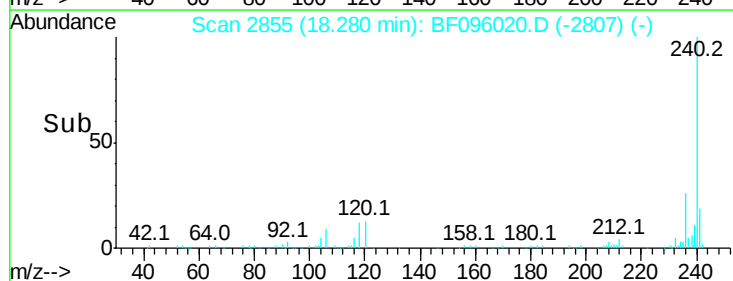
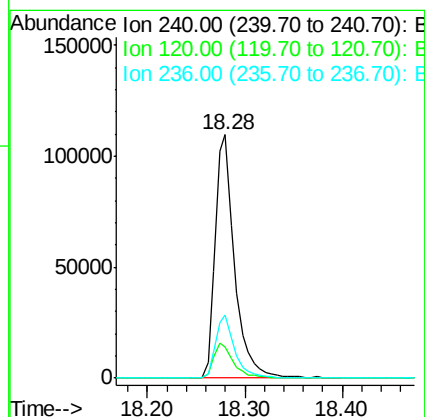
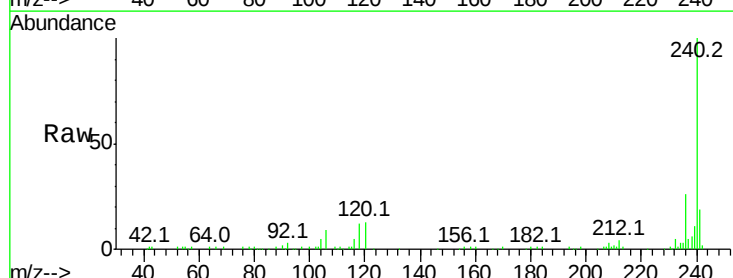
Instrument :
BNA_F
ClientSampleId :

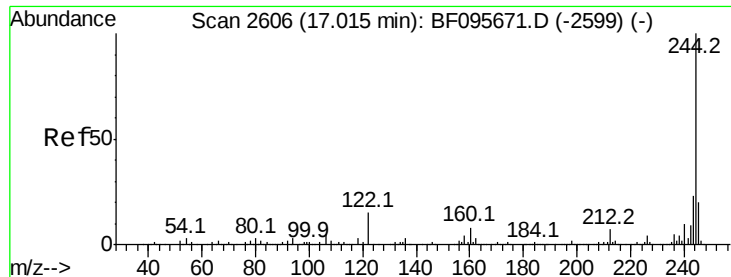
Tot Ion:188 Resp: 188775
Ion Ratio Lower Upper
188 100
94 10.9 9.4 14.2
80 10.9 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.28 min Scan# 2855
Delta R.T. -0.02 min
Lab File: BF096020.D
Acq: 19 Jun 2017 22:46

Tgt Ion:240 Resp: 150972
Ion Ratio Lower Upper
240 100
120 12.8 5.8 8.8#
236 26.0 20.5 30.7

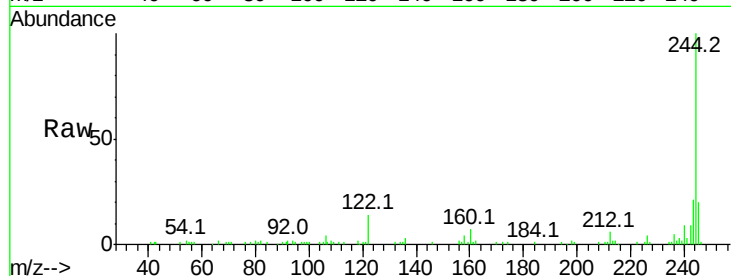




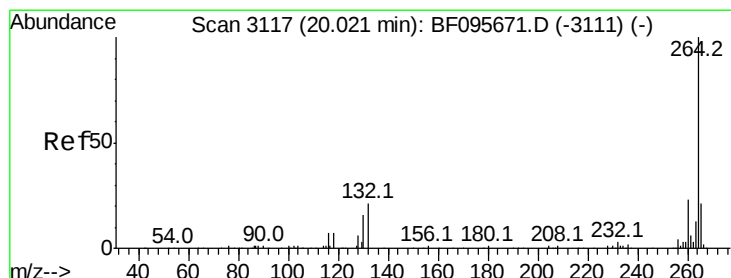
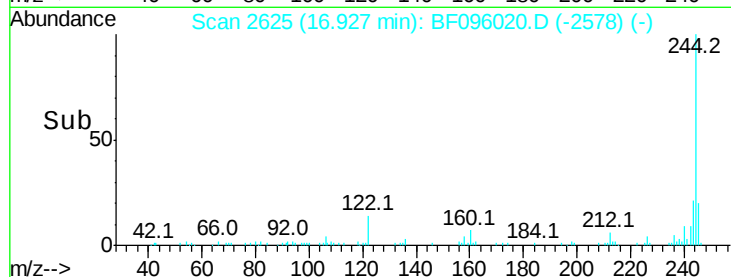
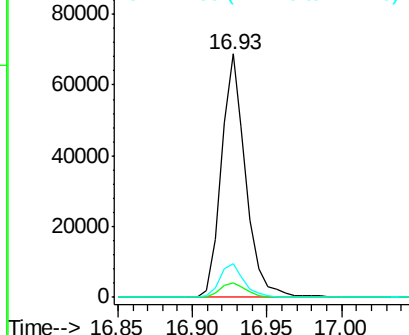
#78
 Terphenyl-d14
 Concen: 12.92 ng
 RT: 16.93 min Scan# 2625
 Delta R.T. -0.02 min
 Lab File: BF096020.D
 Acq: 19 Jun 2017 22:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 78572
 Ion Ratio Lower Upper
 244 100
 212 6.2 6.0 9.0
 122 13.7 10.3 15.5

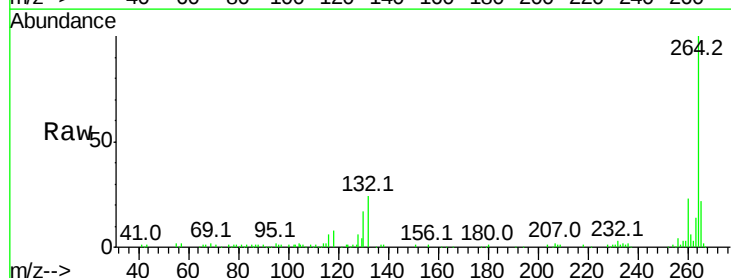


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.95 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BF096020.D
 Acq: 19 Jun 2017 22:46

Tgt Ion:264 Resp: 128068
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.5 29.3
 265 22.2 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

