

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
 Data File : BF096013.D
 Acq On : 19 Jun 2017 18:56
 Operator : SJ/MA
 Sample : I3703-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 20 01:06:49 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

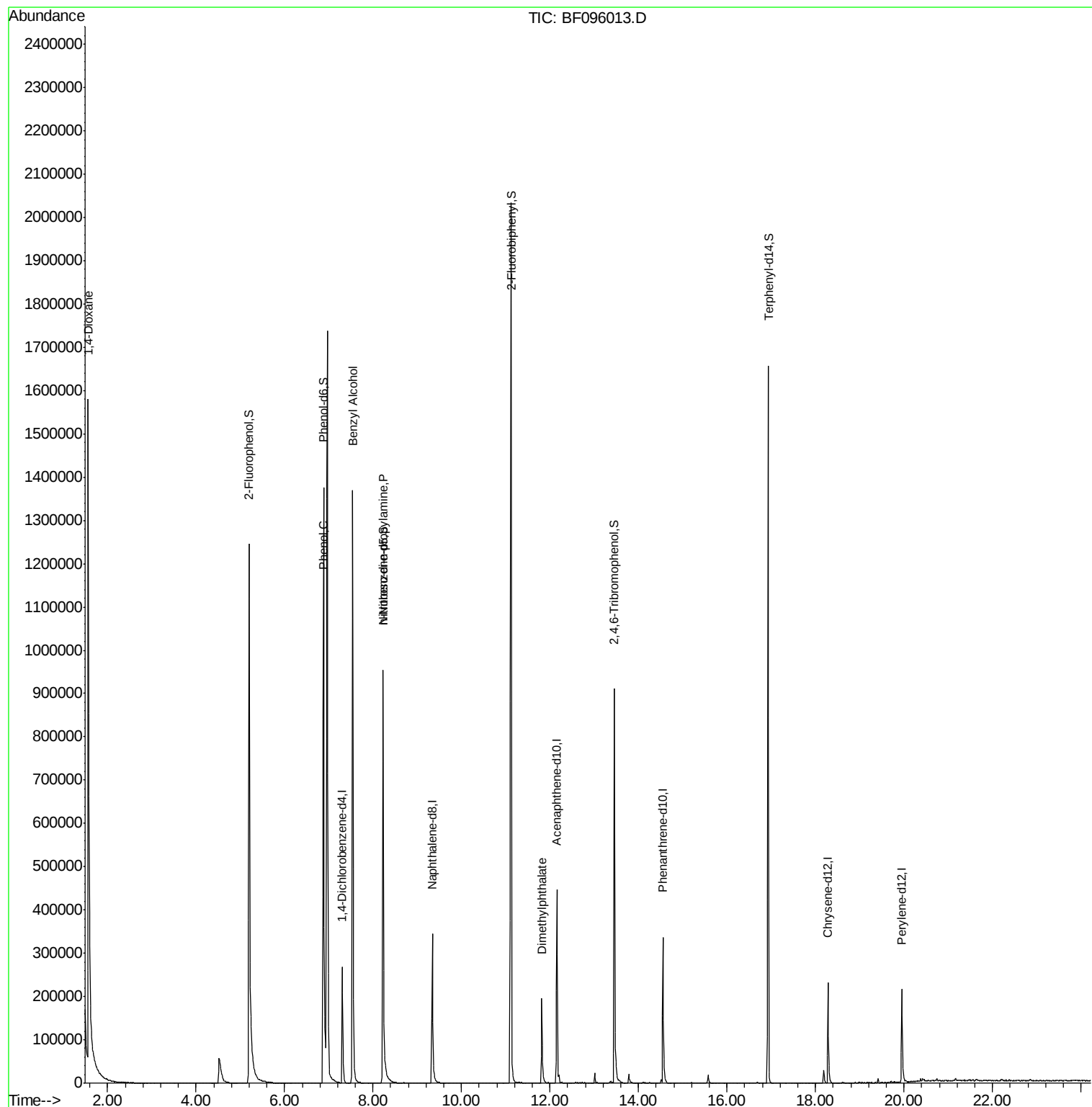
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	72046	20.00	ng	-0.02
21) Naphthalene-d8	9.34	136	306149	20.00	ng	-0.02
38) Acenaphthene-d10	12.16	164	132728	20.00	ng	-0.02
63) Phenanthrene-d10	14.55	188	222689	20.00	ng	-0.02
75) Chrysene-d12	18.28	240	129618	20.00	ng	-0.02
86) Perylene-d12	19.95	264	125042	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	753054	166.55	ng	-0.02
7) Phenol-d6	6.88	99	915818	169.19	ng	-0.03
23) Nitrobenzene-d5	8.23	82	544428	110.44	ng	-0.02
41) 2,4,6-Tribromophenol	13.46	330	174576	148.66	ng	-0.02
44) 2-Fluorobiphenyl	11.12	172	1026517	107.62	ng	-0.02
78) Terphenyl-d14	16.93	244	654014	125.22	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	1.56	88	70391	32.73	ng	# 21
10) Phenol	6.89	94	11768	2.10	ng	# 30
15) Benzyl Alcohol	7.54	79	8183	2.20	ng	# 35
19) n-Nitroso-di-n-propylamine	8.23	70	66903	19.50	ng	# 75
49) Dimethylphthalate	11.82	163	145644	14.45	ng	97

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

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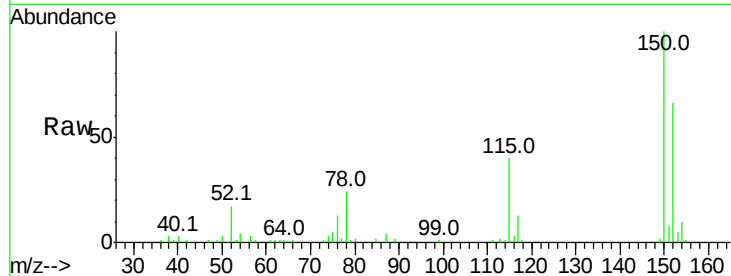


#1

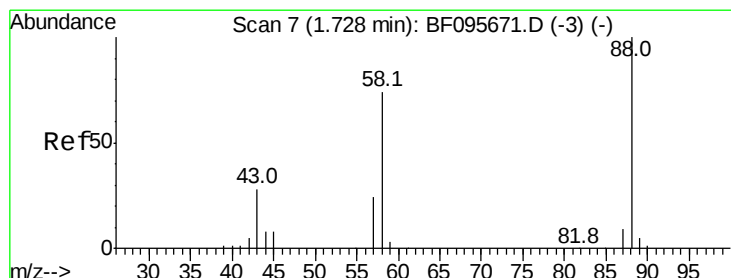
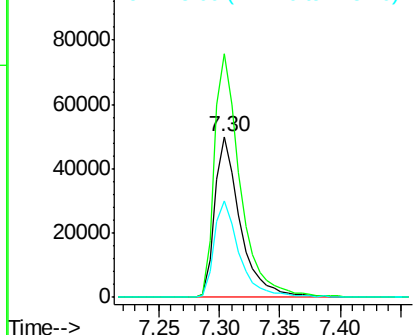
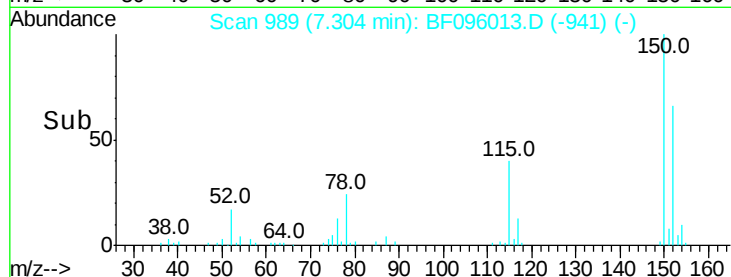
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.30 min Scan# 989
Delta R.T. -0.02 min
Lab File: BF096013.D
Acq: 19 Jun 2017 18:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 72046
Ion Ratio Lower Upper
152 100
150 151.6 126.2 189.2
115 60.0 52.2 78.2



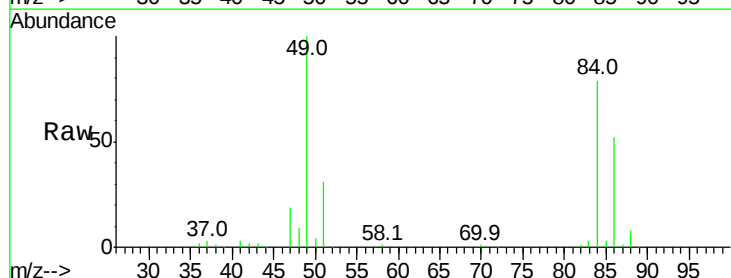
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



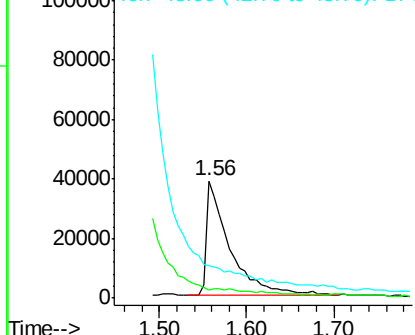
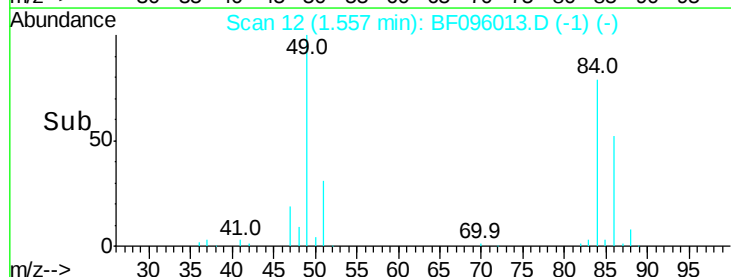
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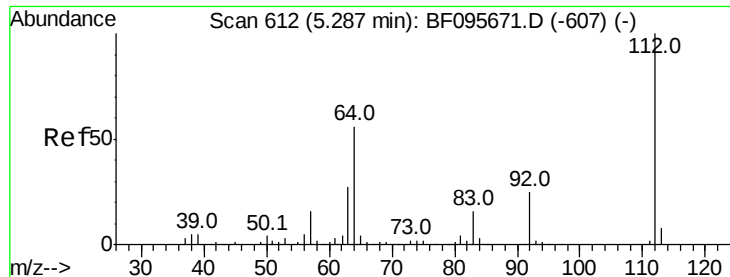
1,4-Dioxane
Concen: 32.73 ng
RT: 1.56 min Scan# 12
Delta R.T. -0.08 min
Lab File: BF096013.D
Acq: 19 Jun 2017 18:56

Tgt Ion: 88 Resp: 70391
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

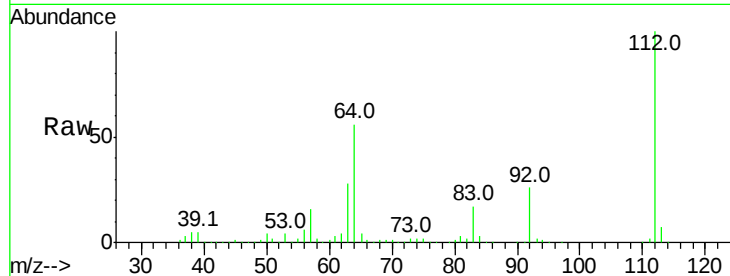




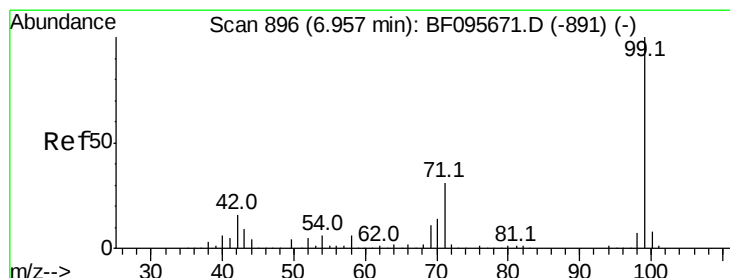
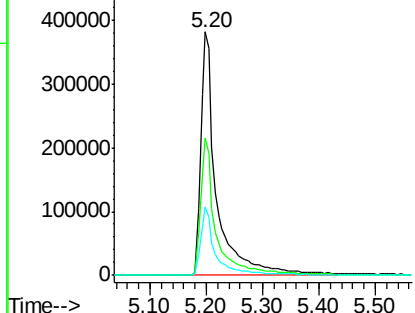
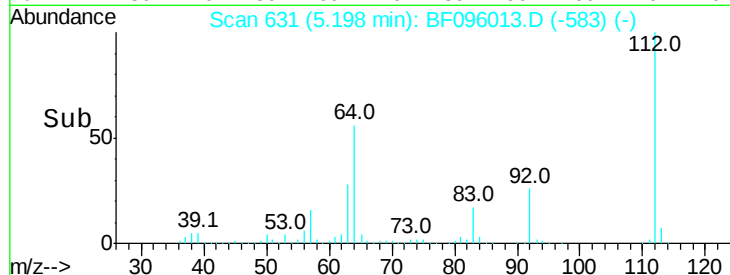
#5
 2-Fluorophenol
 Concen: 166.55 ng
 RT: 5.20 min Scan# 631
 Delta R.T. -0.02 min
 Lab File: BF096013.D
 Acq: 19 Jun 2017 18:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:112 Resp: 753054
 Ion Ratio Lower Upper
 112 100
 64 56.3 46.0 69.0
 63 28.1 23.4 35.0

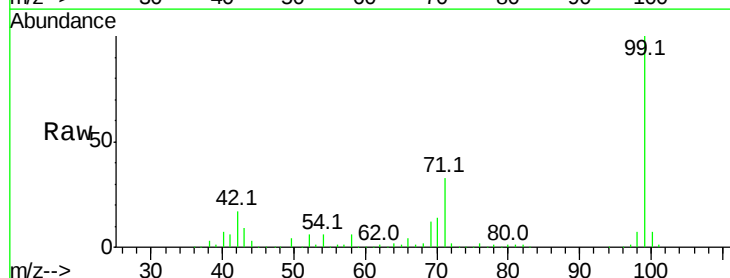


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0

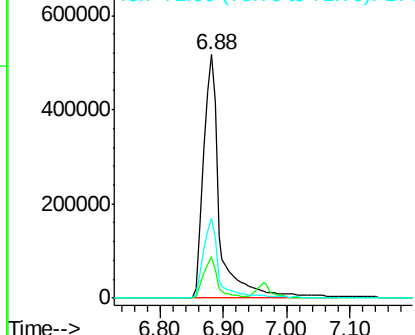
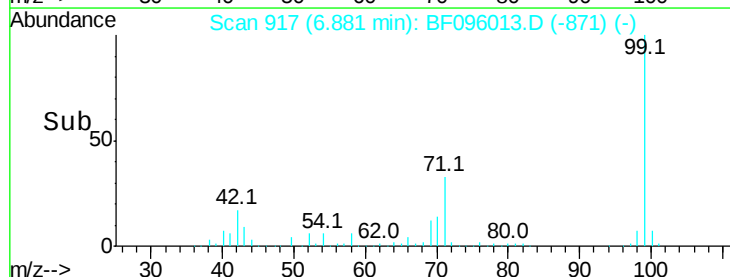


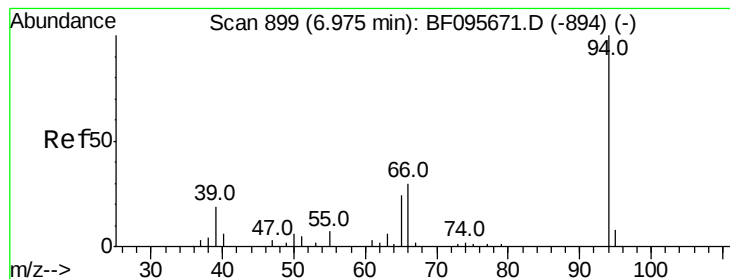
#7
 Phenol-d6
 Concen: 169.19 ng
 RT: 6.88 min Scan# 917
 Delta R.T. -0.03 min
 Lab File: BF096013.D
 Acq: 19 Jun 2017 18:56

Tgt Ion: 99 Resp: 915818
 Ion Ratio Lower Upper
 99 100
 42 16.8 13.5 20.3
 71 32.6 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: 2.10 ng

RT: 6.89 min Scan# 919

Delta R.T. -0.04 min

Lab File: BF096013.D

Acq: 19 Jun 2017 18:56

Instrument :

BNA_F

ClientSampleId :

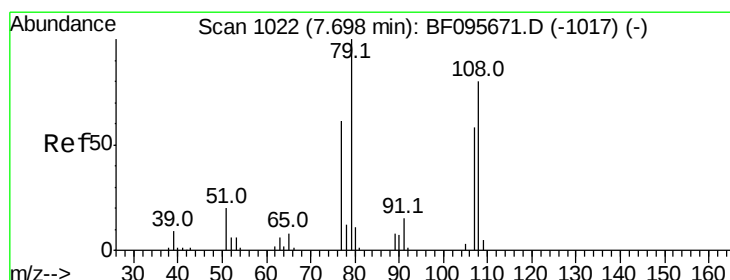
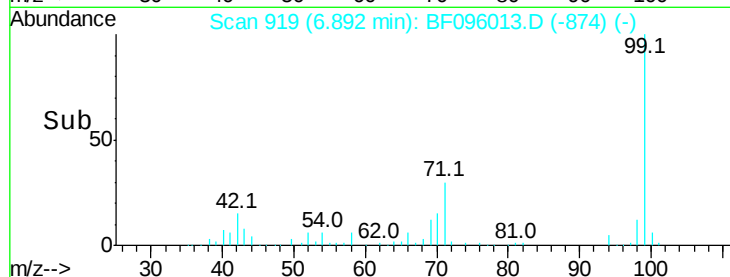
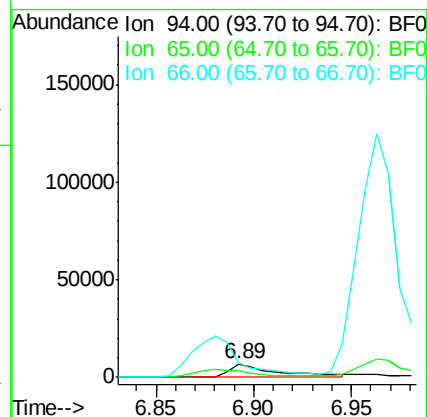
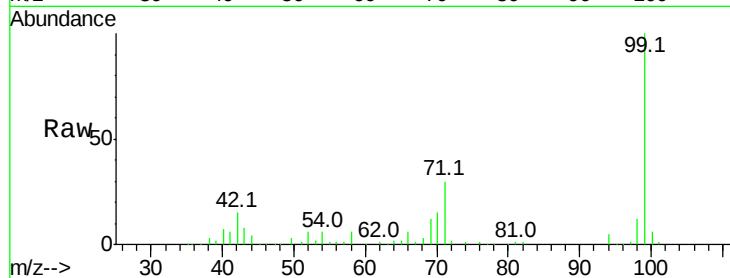
Tot Ion: 94 Resp: 11768

Ion Ratio Lower Upper

94 100

65 46.2 9.9 49.9

66 105.6 23.1 63.1#



#15

Benzyl Alcohol

Concen: 2.20 ng

RT: 7.54 min Scan# 1029

Delta R.T. -0.10 min

Lab File: BF096013.D

Acq: 19 Jun 2017 18:56

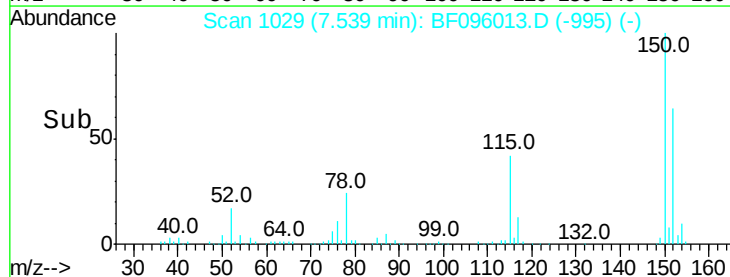
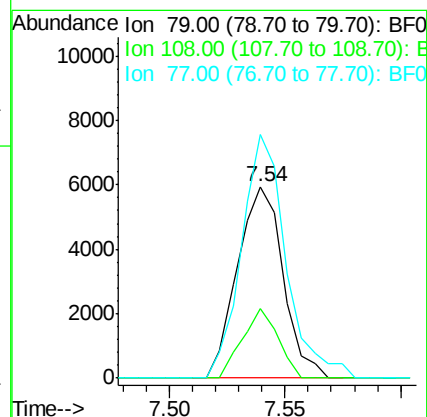
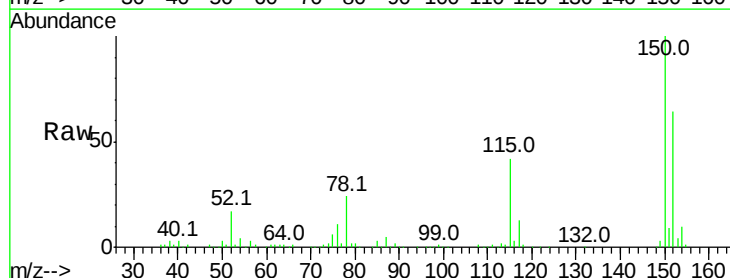
Tgt Ion: 79 Resp: 8183

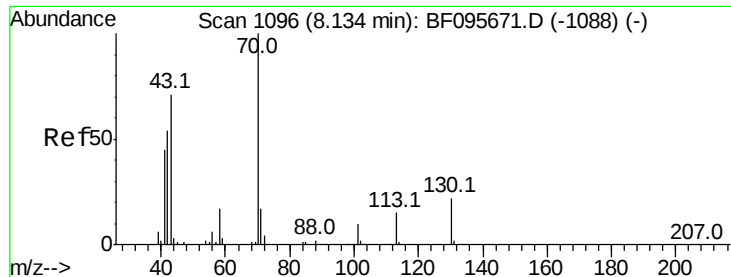
Ion Ratio Lower Upper

79 100

108 36.6 63.4 95.0#

77 127.2 49.2 73.8#

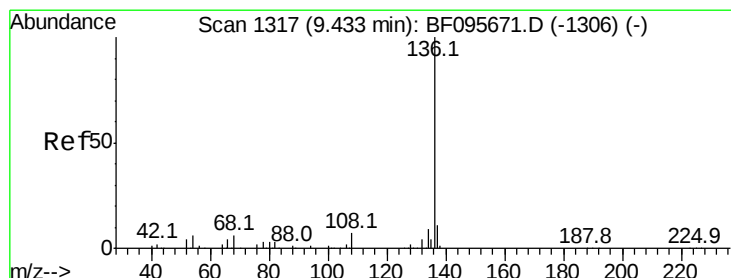
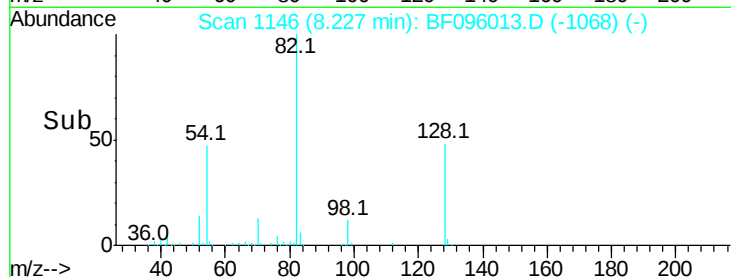
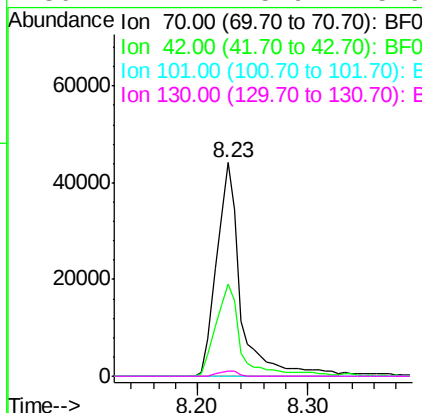
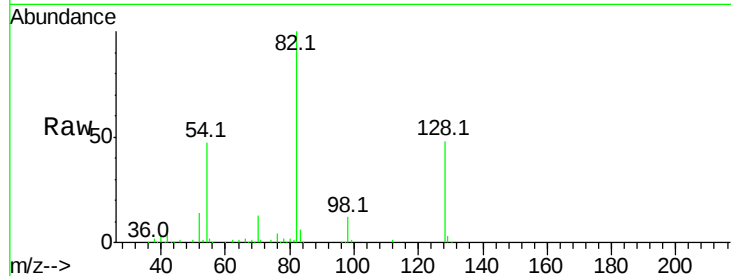




#19
n-Nitroso-di-n-propylamine
Concen: 19.50 ng
RT: 8.23 min Scan# 1146
Delta R.T. 0.16 min
Lab File: BF096013.D
Acq: 19 Jun 2017 18:56

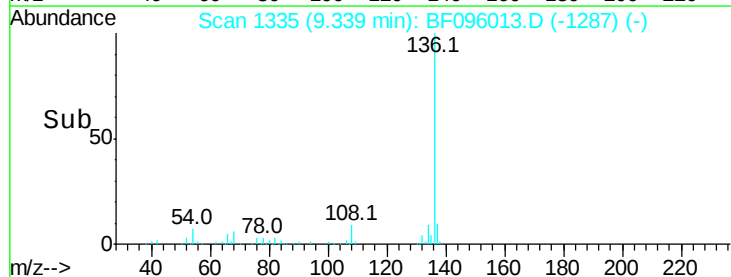
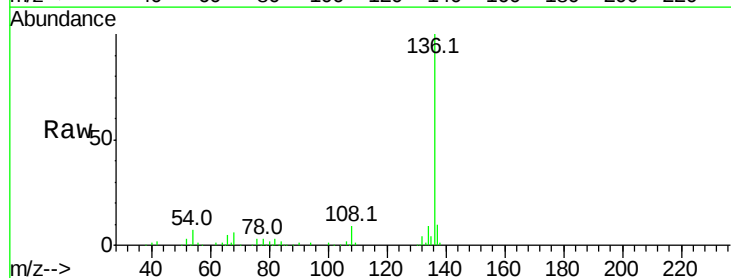
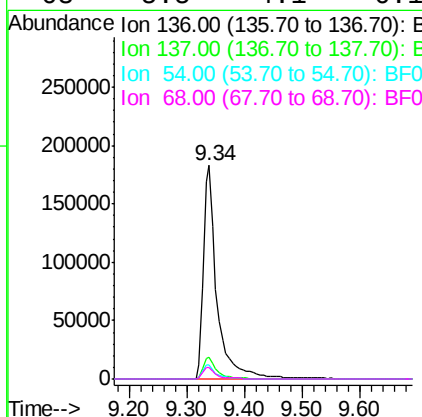
Instrument :
BNA_F
ClientSampleId :

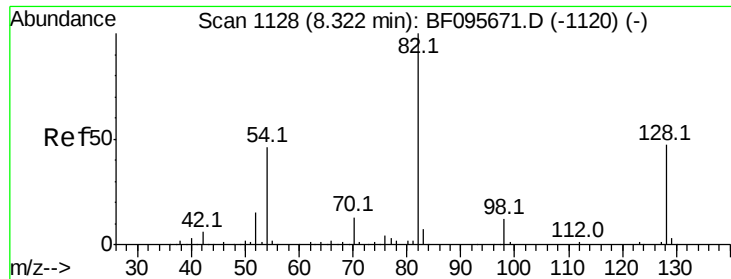
Tot Ion: 70 Resp: 66903
Ion Ratio Lower Upper
70 100
42 43.3 47.2 70.8#
101 0.0 7.2 10.8#
130 2.7 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.34 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BF096013.D
Acq: 19 Jun 2017 18:56

Tgt Ion: 136 Resp: 306149
Ion Ratio Lower Upper
136 100
137 10.5 8.5 12.7
54 6.5 4.9 7.3
68 5.5 4.1 6.1

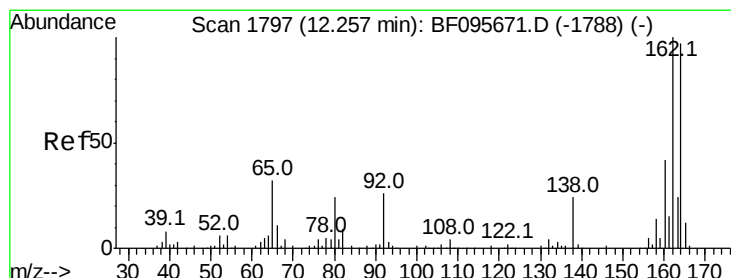
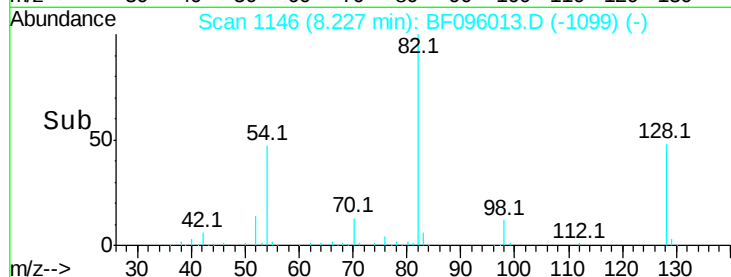
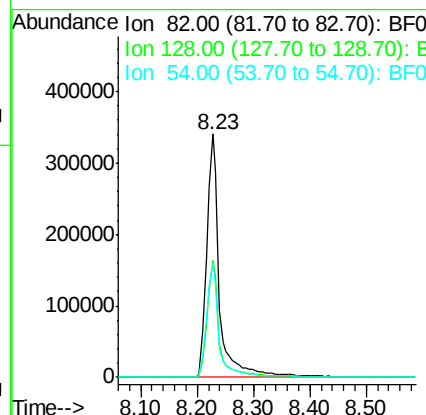
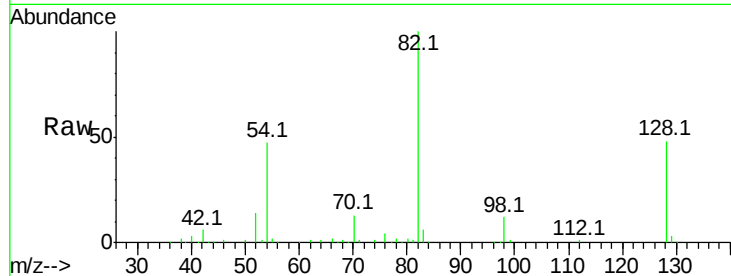




#23
 Nitrobenzene-d5
 Concen: 110.44 ng
 RT: 8.23 min Scan# 1146
 Delta R.T. -0.02 min
 Lab File: BF096013.D
 Acq: 19 Jun 2017 18:56

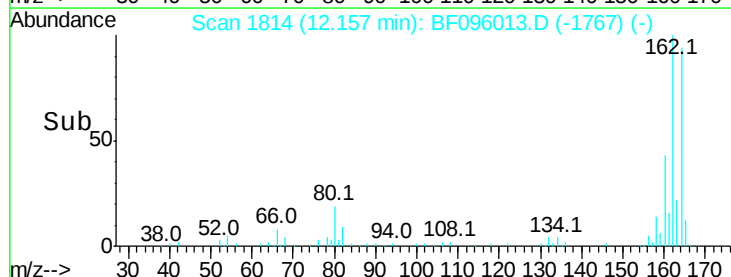
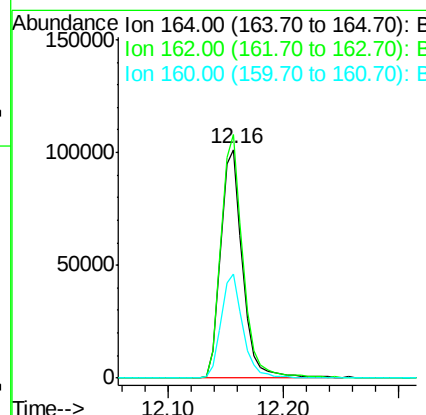
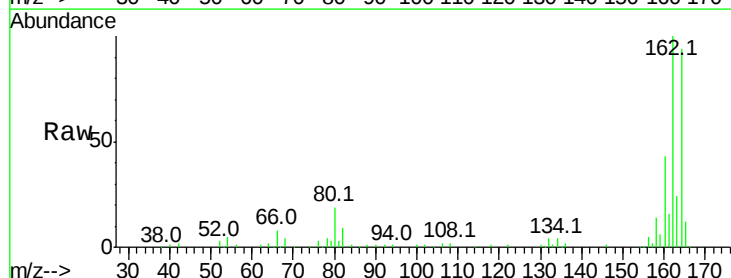
Instrument :
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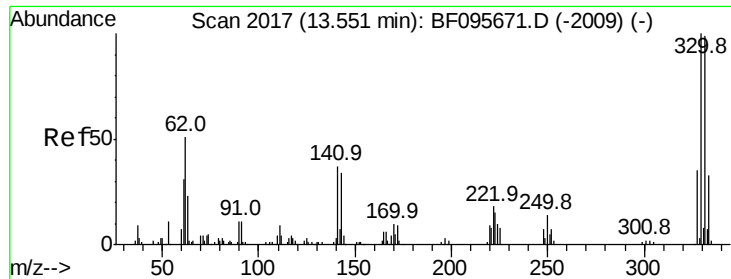
Tot Ion: 82 Resp: 544428
 Ion Ratio Lower Upper
 82 100
 128 48.0 34.0 51.0
 54 46.8 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.16 min Scan# 1814
 Delta R.T. -0.02 min
 Lab File: BF096013.D
 Acq: 19 Jun 2017 18:56

Tgt Ion:164 Resp: 132728
 Ion Ratio Lower Upper
 164 100
 162 106.5 82.6 123.8
 160 45.6 36.2 54.2

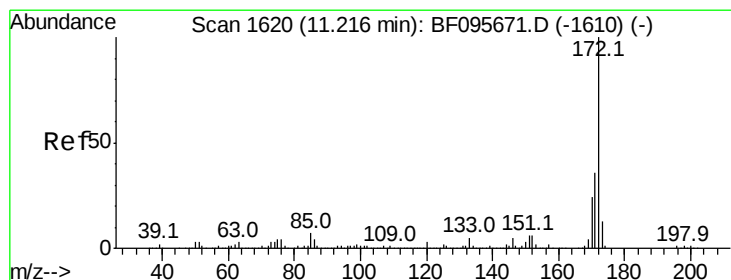
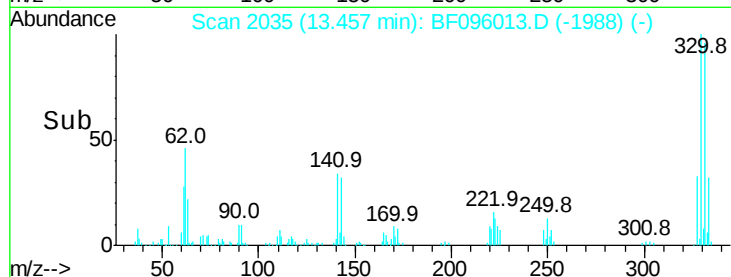
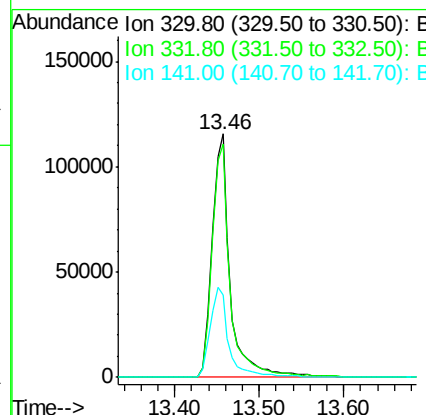
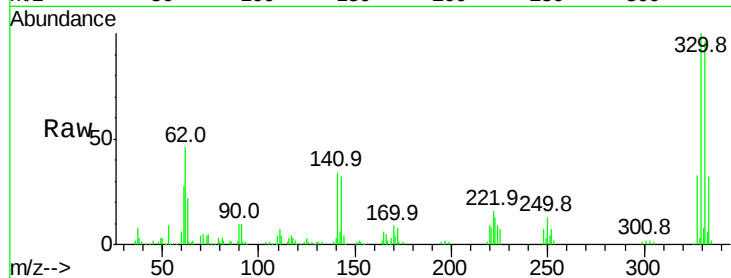




#41
 2,4,6-Tribromophenol
 Concen: 148.66 ng
 RT: 13.46 min Scan# 2035
 Delta R.T. -0.02 min
 Lab File: BF096013.D
 Acq: 19 Jun 2017 18:56

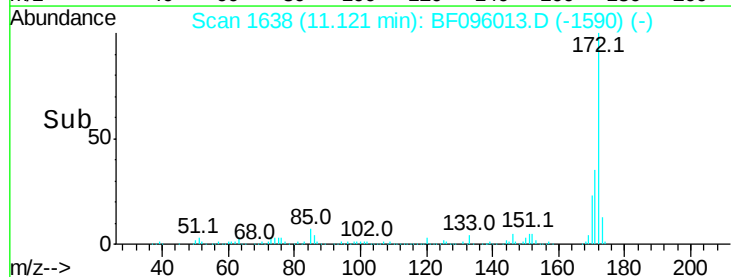
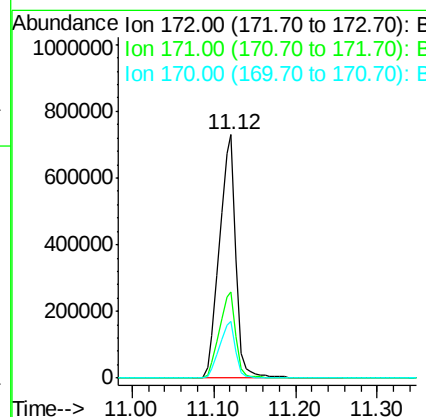
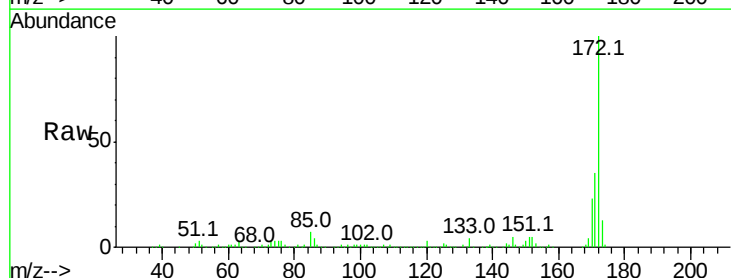
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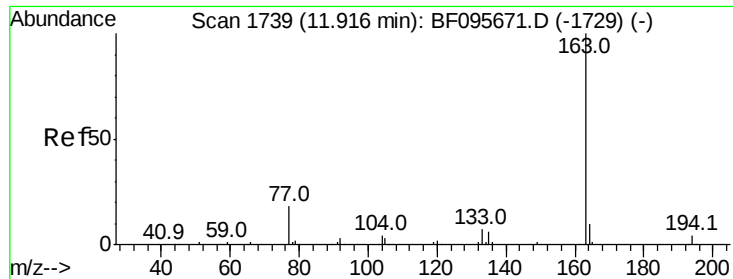
Tot Ion:330 Resp: 174576
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 115.0
 141 37.8 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 107.62 ng
 RT: 11.12 min Scan# 1638
 Delta R.T. -0.02 min
 Lab File: BF096013.D
 Acq: 19 Jun 2017 18:56

Tgt Ion:172 Resp: 1026517
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.6 44.4
 170 23.5 19.8 29.8





#49

Dimethylphthalate

Concen: 14.45 ng

RT: 11.82 min Scan# 1756

Delta R.T. -0.04 min

Lab File: BF096013.D

Acq: 19 Jun 2017 18:56

Instrument :

BNA_F

ClientSampleId :

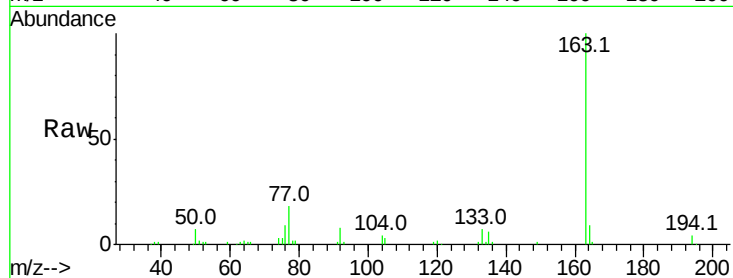
Tot Ion:163 Resp: 145644

Ion Ratio Lower Upper

163 100

194 3.9 2.6 4.0

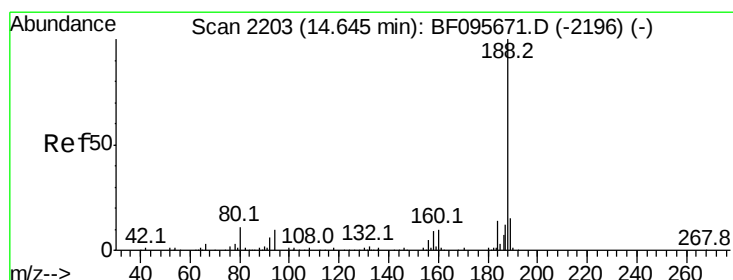
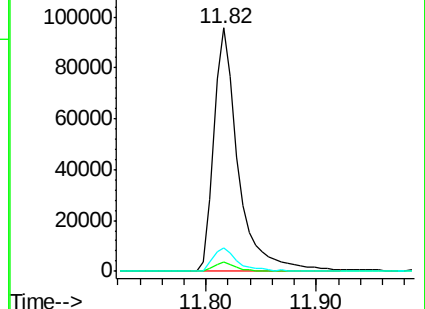
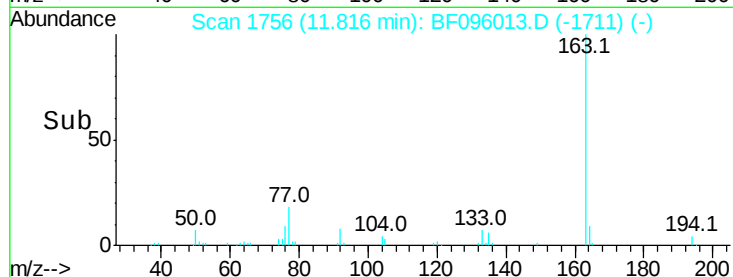
164 9.4 8.4 12.6



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.55 min Scan# 2221

Delta R.T. -0.02 min

Lab File: BF096013.D

Acq: 19 Jun 2017 18:56

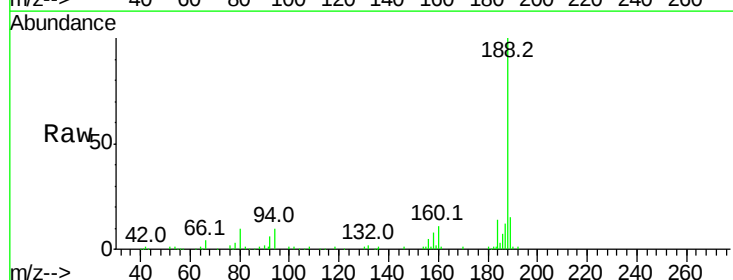
Tgt Ion:188 Resp: 222689

Ion Ratio Lower Upper

188 100

94 10.4 9.4 14.2

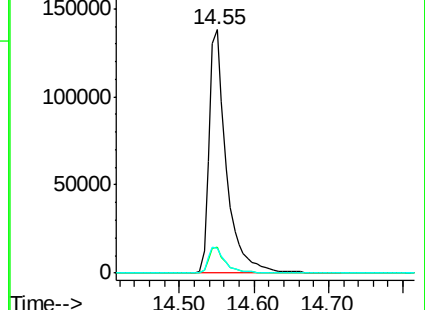
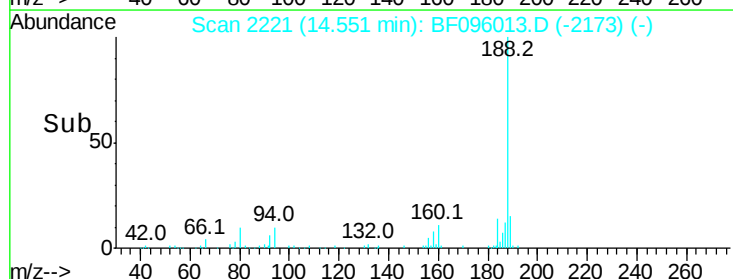
80 10.3 10.2 15.2

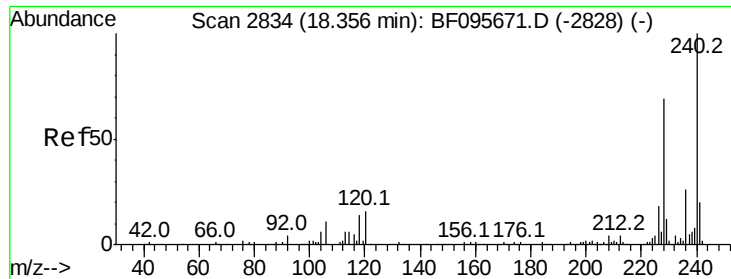


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

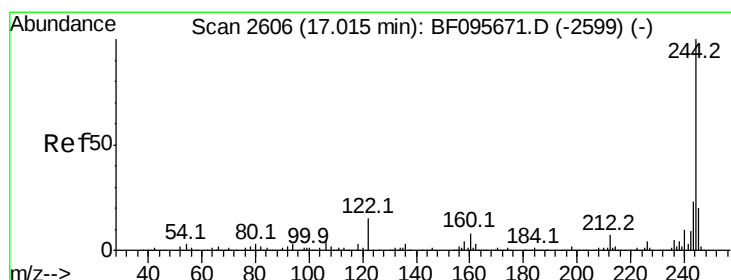
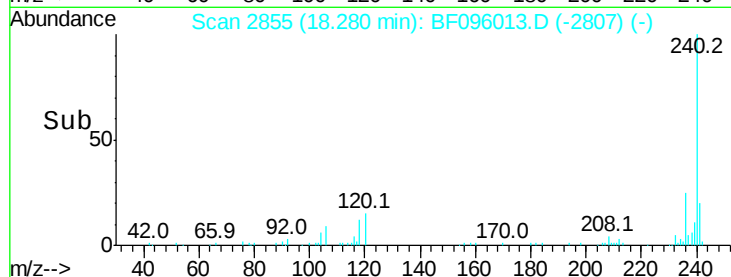
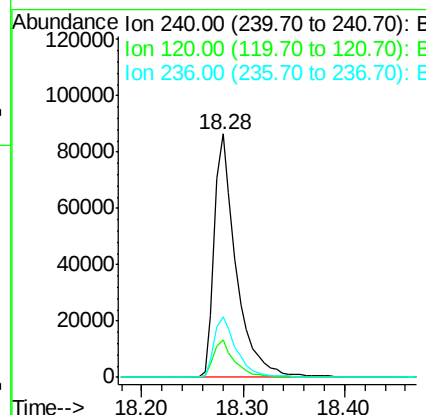
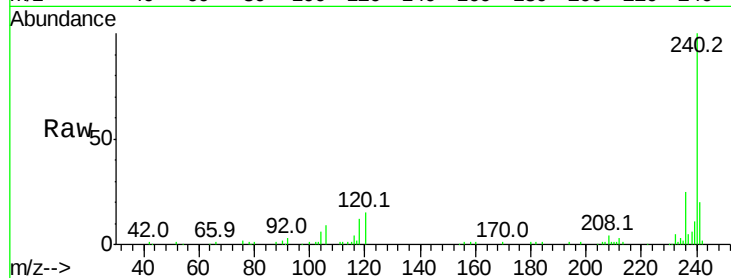




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.28 min Scan# 2855
 Delta R.T. -0.02 min
 Lab File: BF096013.D
 Acq: 19 Jun 2017 18:56

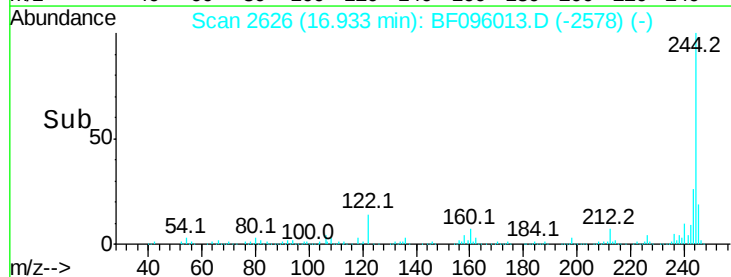
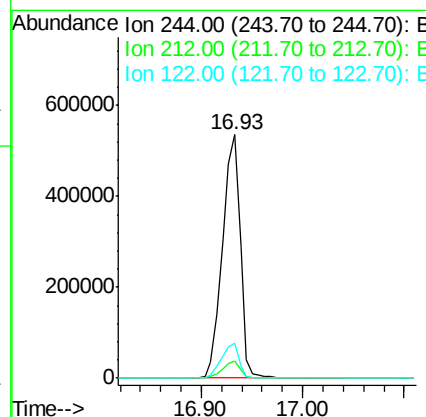
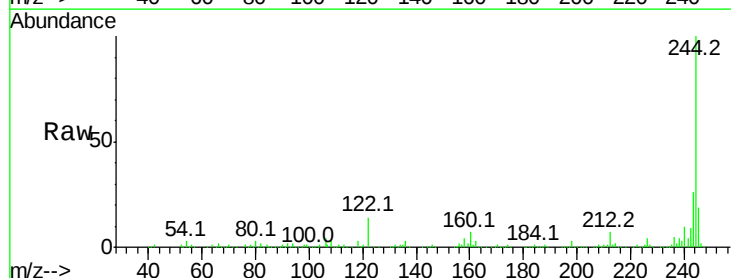
Instrument :
 BNA_F
 ClientSampled :

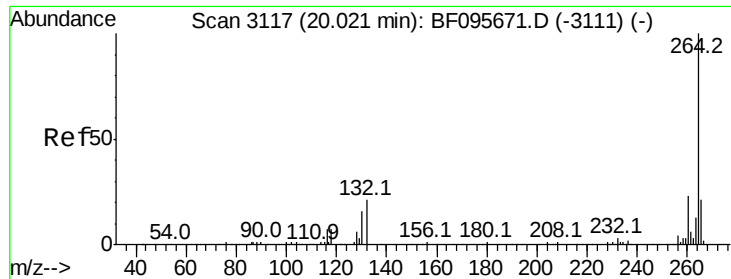
Tot Ion:240 Resp: 129618
 Ion Ratio Lower Upper
 240 100
 120 15.2 5.8 8.8#
 236 25.0 20.5 30.7



#78
 Terphenyl-d14
 Concen: 125.22 ng
 RT: 16.93 min Scan# 2626
 Delta R.T. -0.02 min
 Lab File: BF096013.D
 Acq: 19 Jun 2017 18:56

Tgt Ion:244 Resp: 654014
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 14.4 10.3 15.5

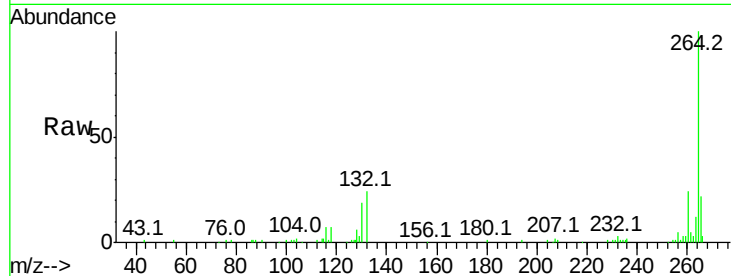




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 19.95 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BF096013.D
 Acq: 19 Jun 2017 18:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 264 Resp: 125042
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.5 29.3
 265 22.1 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

