

Data Path : Z:\HPCHEM1\BNA_F\Data\BF062117\
 Data File : BF096082.D
 Acq On : 21 Jun 2017 13:55
 Operator : SJ/MA
 Sample : I3759-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-061617

Quant Time: Jun 21 16:19:54 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

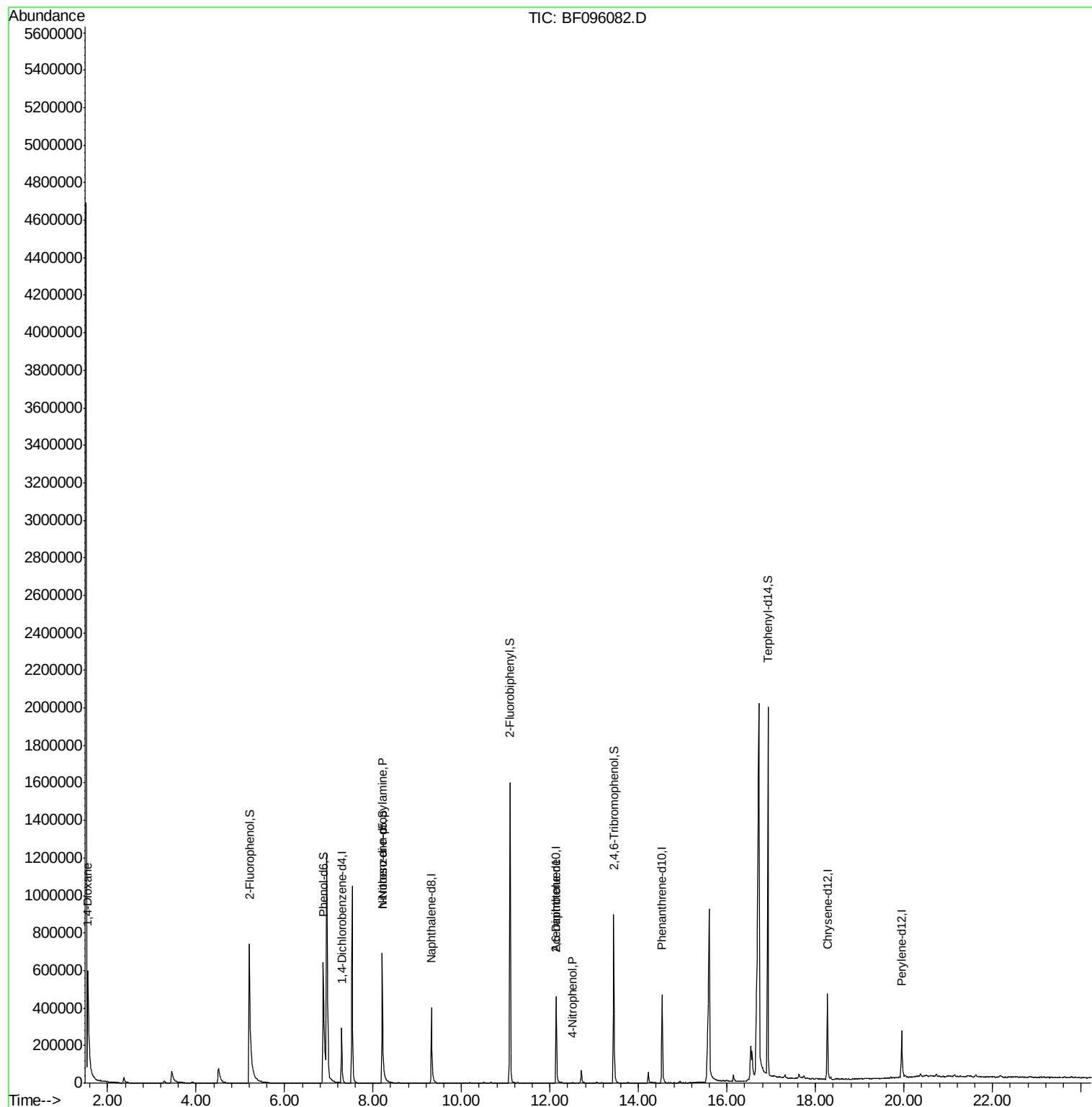
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	75664	20.00	ng	0.00
21) Naphthalene-d8	9.32	136	308473	20.00	ng	0.00
38) Acenaphthene-d10	12.14	164	141934	20.00	ng	-0.01
63) Phenanthrene-d10	14.53	188	270926	20.00	ng	0.00
75) Chrysene-d12	18.27	240	217891	20.00	ng	0.00
86) Perylene-d12	19.94	264	110402	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	616864	129.91	ng	0.02
7) Phenol-d6	6.87	99	687287	120.90	ng	0.00
23) Nitrobenzene-d5	8.21	82	413099	83.17	ng	-0.01
41) 2,4,6-Tribromophenol	13.44	330	161976	128.98	ng	-0.01
44) 2-Fluorobiphenyl	11.10	172	830497	81.43	ng	-0.01
78) Terphenyl-d14	16.93	244	810268	92.29	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.55	88	30800	13.635	ng	# 21
19) n-Nitroso-di-n-propylamine	8.21	70	52088	14.459	ng	# 74
50) 2,6-Dinitrotoluene	12.14	165	17344	7.379	ng	# 31
55) 4-Nitrophenol	12.52	139	736	5.061	ng	# 25

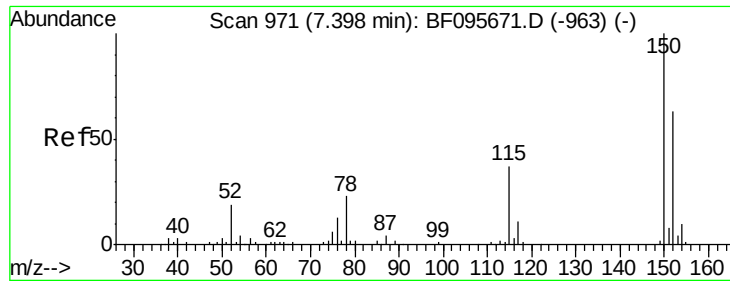
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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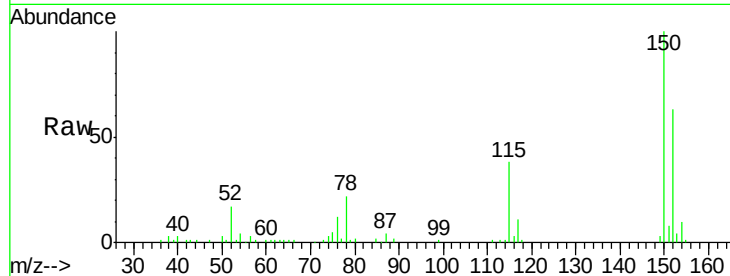


#1

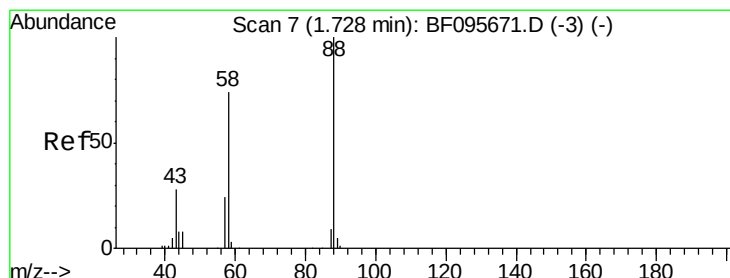
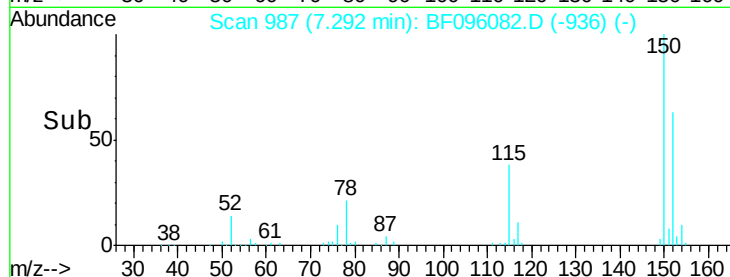
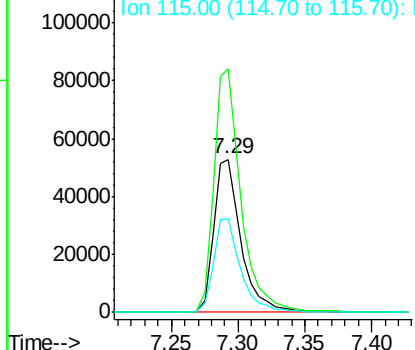
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.29 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF096082.D
Acq: 21 Jun 2017 13:55

Instrument :
BNA_F
ClientSampleId :
SU-02-061617

Tgt Ion:152 Resp: 75664
Ion Ratio Lower Upper
152 100
150 159.1 126.2 189.2
115 61.1 52.2 78.2



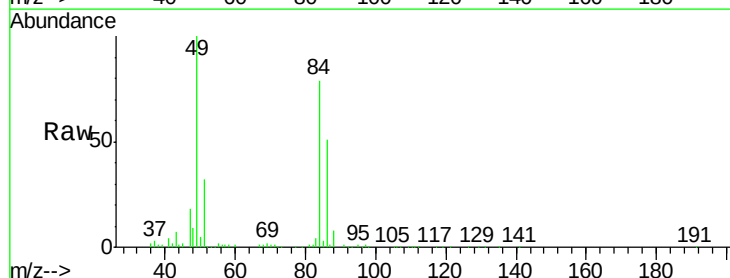
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



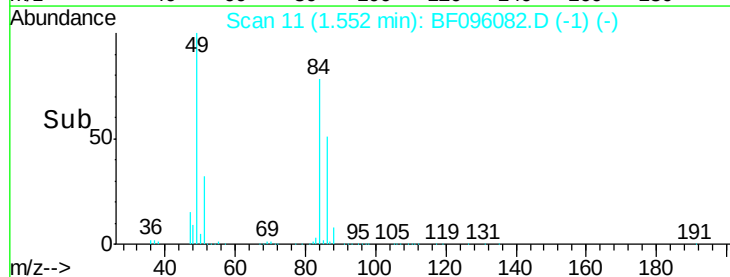
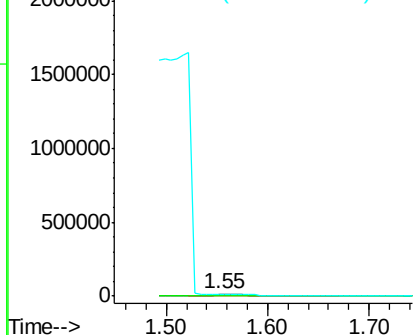
#2

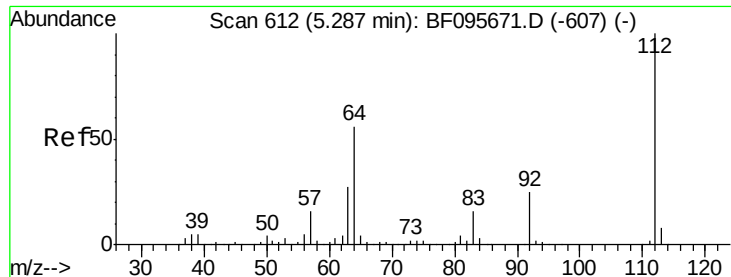
1,4-Dioxane
Concen: 13.635 ng
RT: 1.55 min Scan# 11
Delta R.T. -0.06 min
Lab File: BF096082.D
Acq: 21 Jun 2017 13:55

Tgt Ion: 88 Resp: 30800
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: 129.909 ng

RT: 5.20 min Scan# 632

Delta R.T. 0.02 min

Lab File: BF096082.D

Acq: 21 Jun 2017 13:55

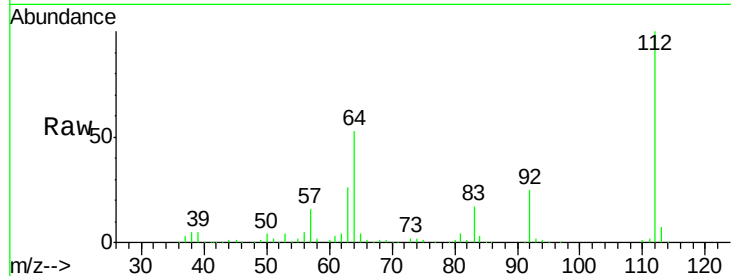
Instrument :

BNA_F

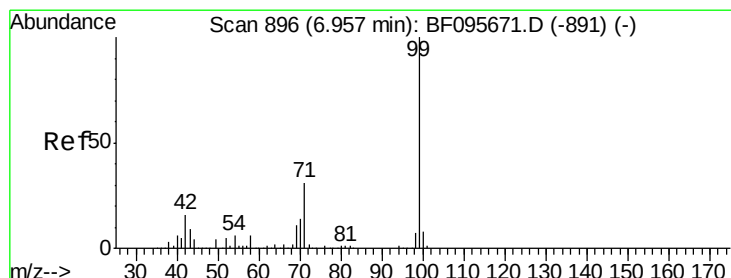
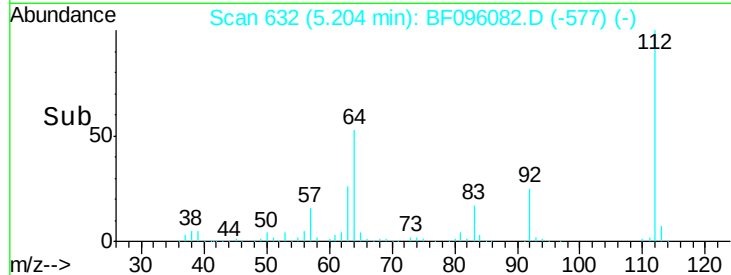
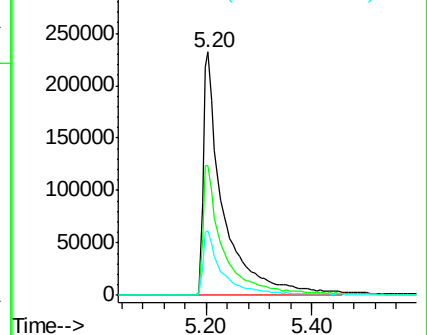
ClientSampleId :

SU-02-061617

Tgt Ion:	112	Resp:	616864
Ion	Ratio	Lower	Upper
112	100		
64	53.5	46.0	69.0
63	26.4	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): BF095671.D (-607) (-)



#7

Phenol-d6

Concen: 120.902 ng

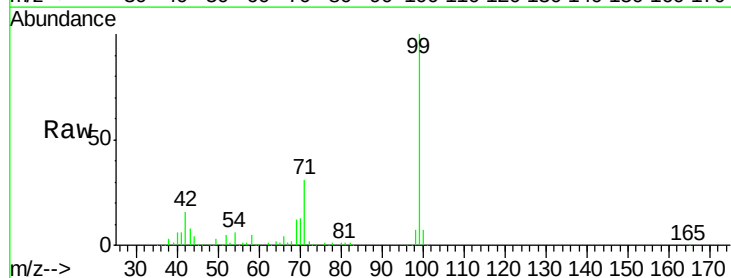
RT: 6.87 min Scan# 916

Delta R.T. 0.00 min

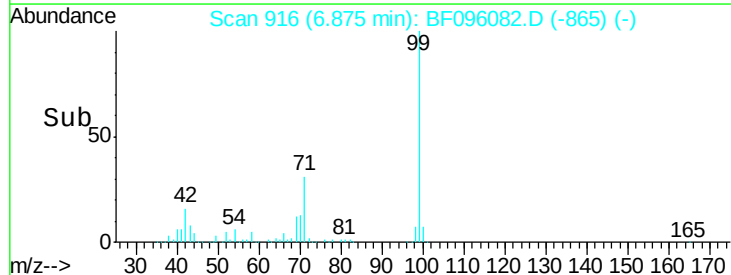
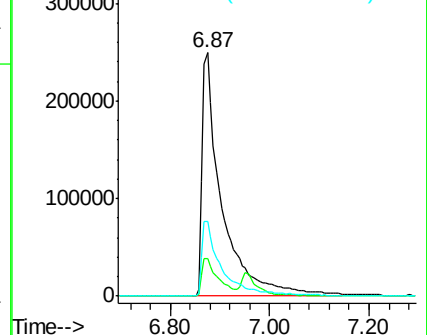
Lab File: BF096082.D

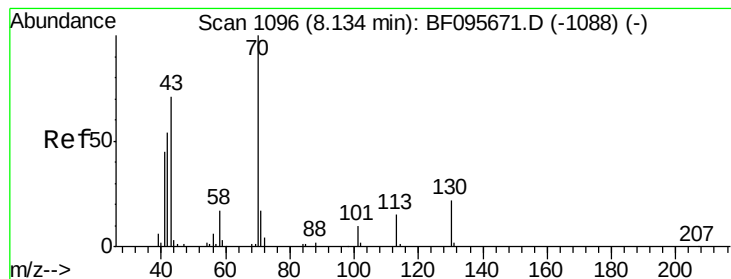
Acq: 21 Jun 2017 13:55

Tgt Ion:	99	Resp:	687287
Ion	Ratio	Lower	Upper
99	100		
42	15.5	13.5	20.3
71	30.9	24.5	36.7



Abundance Ion 99.00 (98.70 to 99.70): BF095671.D (-891) (-)





#19

n-Nitroso-di-n-propylamine

Concen: 14.459 ng

RT: 8.21 min Scan# 1143

Delta R.T. 0.18 min

Lab File: BF096082.D

Acq: 21 Jun 2017 13:55

Instrument :

BNA_F

ClientSampleId :

SU-02-061617

Tgt Ion: 70 Resp: 52088

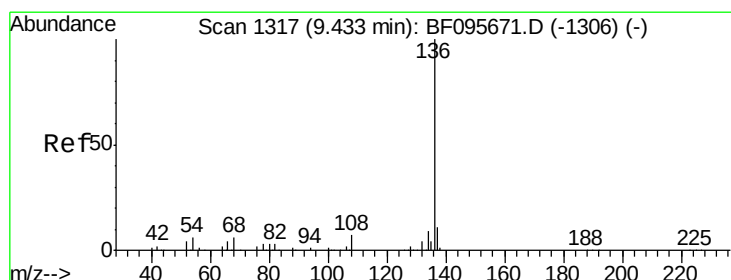
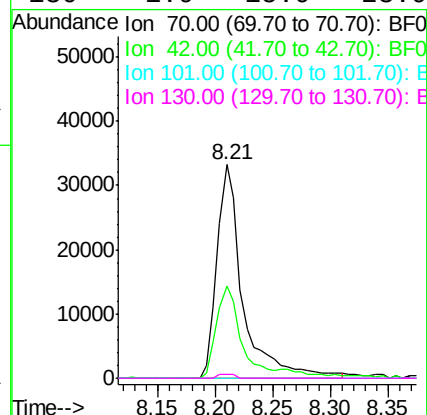
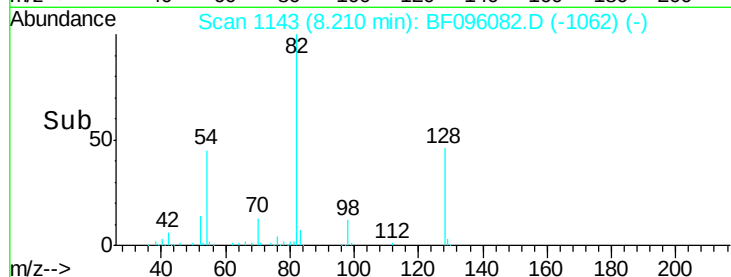
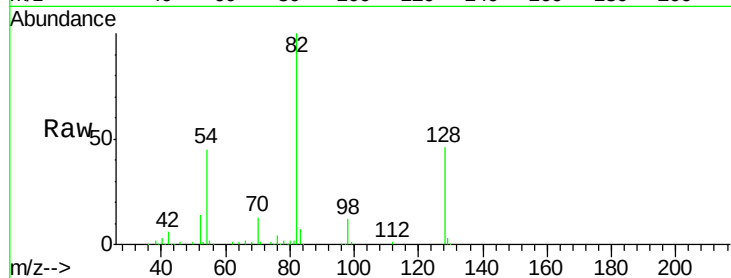
Ion Ratio Lower Upper

70 100

42 43.0 47.2 70.8#

101 0.0 7.2 10.8#

130 1.9 15.9 23.9#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 9.32 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF096082.D

Acq: 21 Jun 2017 13:55

Tgt Ion: 136 Resp: 308473

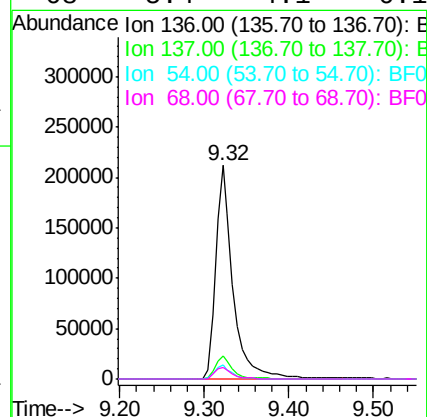
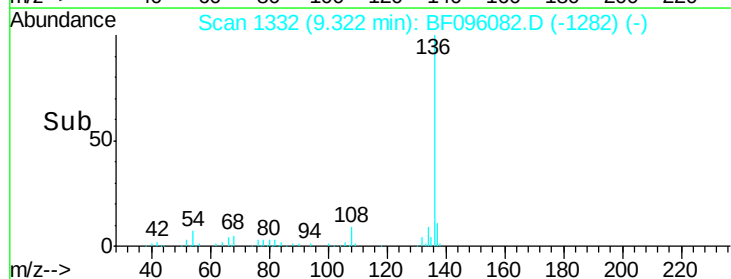
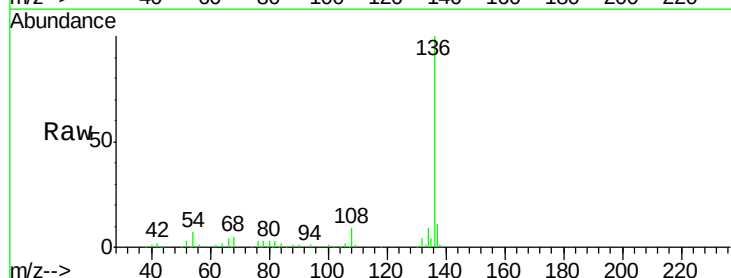
Ion Ratio Lower Upper

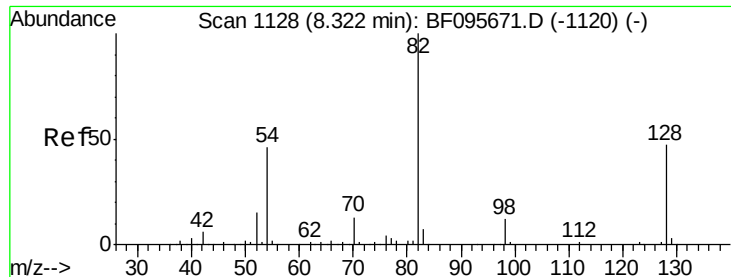
136 100

137 10.9 8.5 12.7

54 6.7 4.9 7.3

68 5.4 4.1 6.1

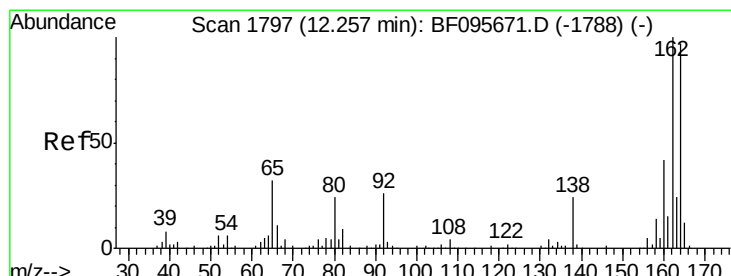
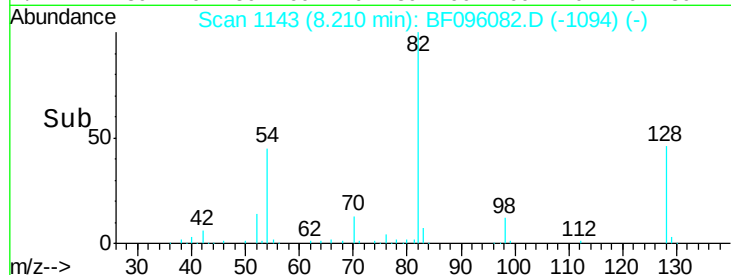
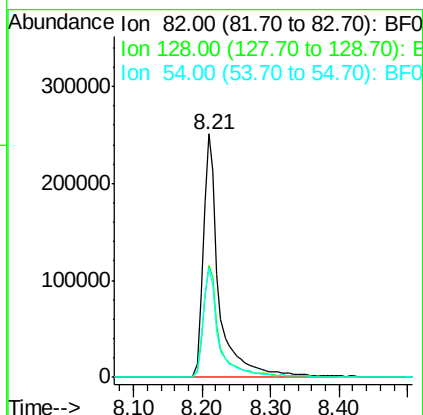
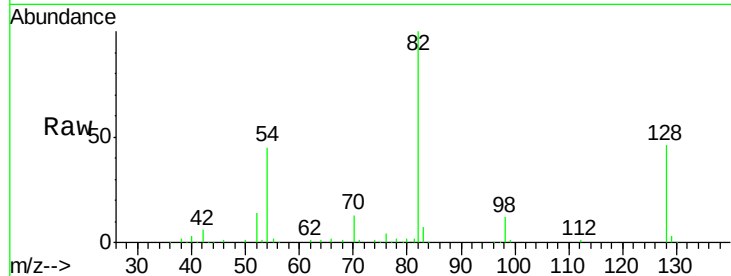




#23
 Nitrobenzene-d5
 Concen: 83.169 ng
 RT: 8.21 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF096082.D
 Acq: 21 Jun 2017 13:55

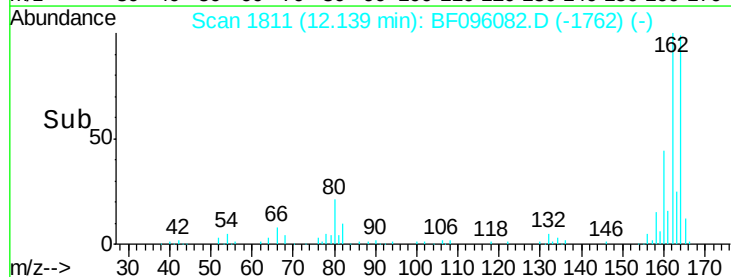
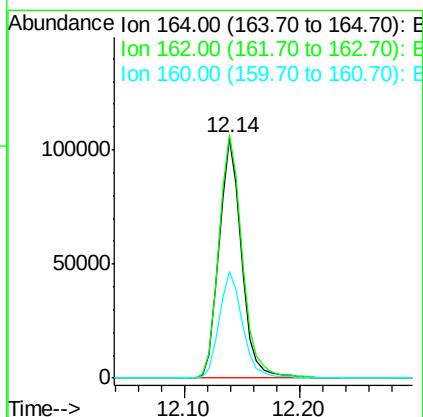
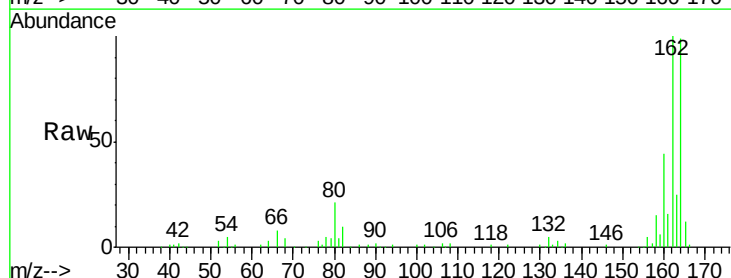
Instrument :
 BNA_F
 ClientSampleId :
 SU-02-061617

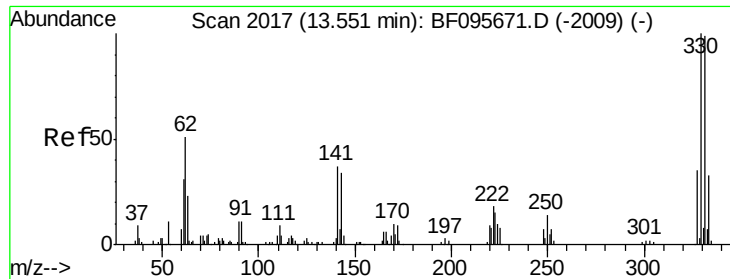
Tgt Ion: 82 Resp: 413099
 Ion Ratio Lower Upper
 82 100
 128 46.1 34.0 51.0
 54 44.7 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 12.14 min Scan# 1811
 Delta R.T. -0.01 min
 Lab File: BF096082.D
 Acq: 21 Jun 2017 13:55

Tgt Ion: 164 Resp: 141934
 Ion Ratio Lower Upper
 164 100
 162 101.4 82.6 123.8
 160 44.2 36.2 54.2

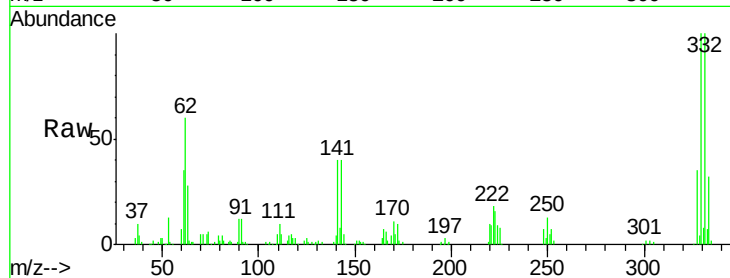




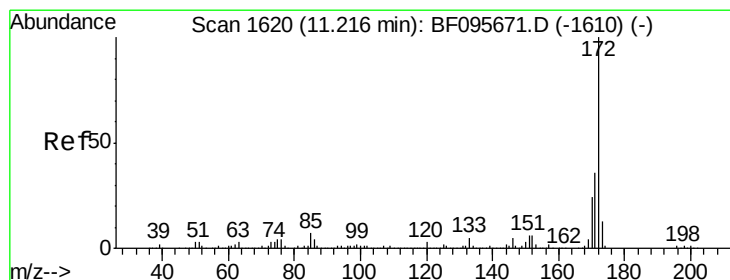
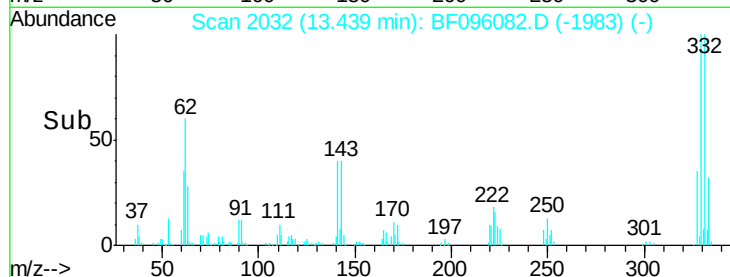
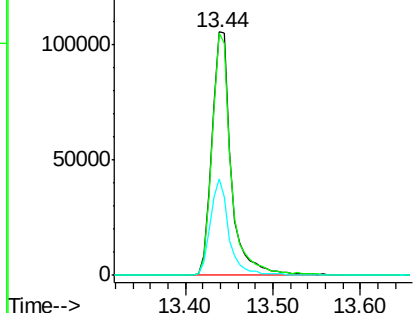
#41
 2,4,6-Tribromophenol
 Concen: 128.984 ng
 RT: 13.44 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF096082.D
 Acq: 21 Jun 2017 13:55

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-061617

Tgt Ion: 330 Resp: 161976
 Ion Ratio Lower Upper
 330 100
 332 98.5 76.6 115.0
 141 38.0 31.4 47.2

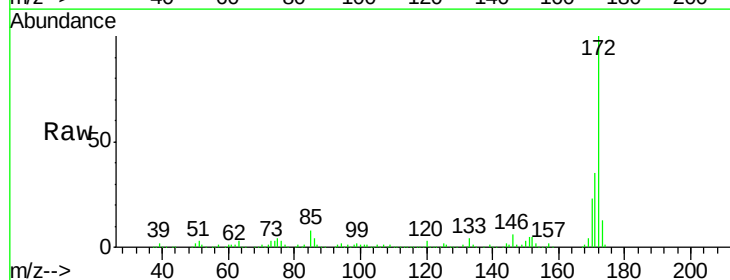


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

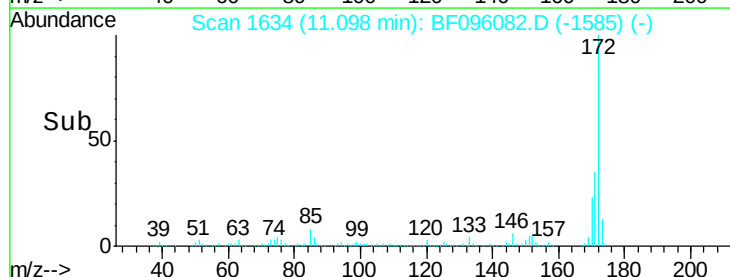
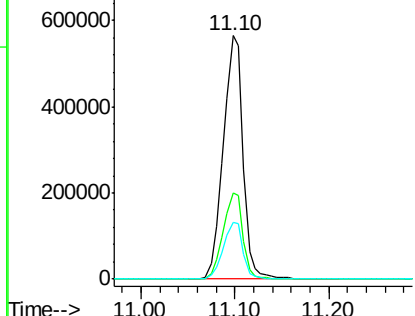


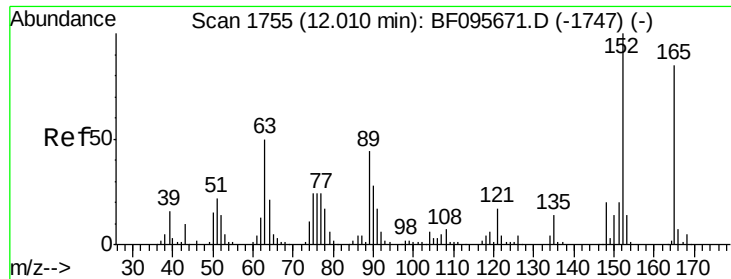
#44
 2-Fluorobiphenyl
 Concen: 81.425 ng
 RT: 11.10 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BF096082.D
 Acq: 21 Jun 2017 13:55

Tgt Ion: 172 Resp: 830497
 Ion Ratio Lower Upper
 172 100
 171 35.5 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





#50

2,6-Dinitrotoluene

Concen: 7.379 ng

RT: 12.14 min Scan# 1811

Delta R.T. 0.22 min

Lab File: BF096082.D

Acq: 21 Jun 2017 13:55

Instrument :

BNA_F

ClientSampleId :

SU-02-061617

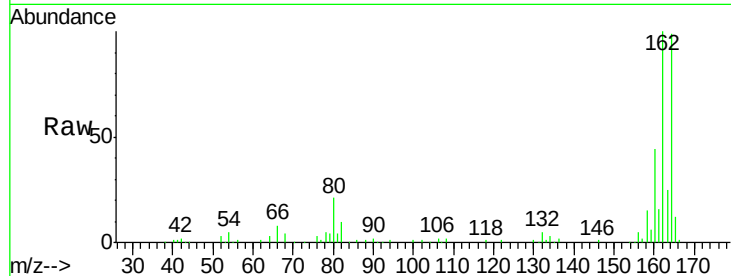
Tgt Ion:165 Resp: 17344

Ion Ratio Lower Upper

165 100

63 0.0 34.3 51.5#

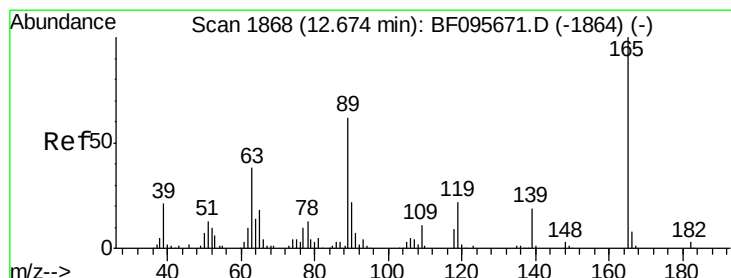
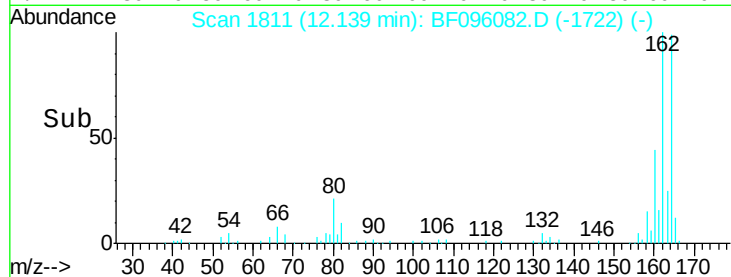
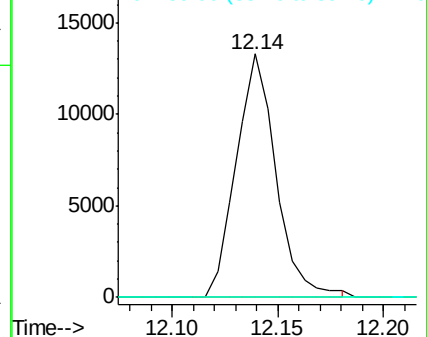
89 0.0 37.1 55.7#



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



#55

4-Nitrophenol

Concen: 5.061 ng

RT: 12.52 min Scan# 1875

Delta R.T. -0.12 min

Lab File: BF096082.D

Acq: 21 Jun 2017 13:55

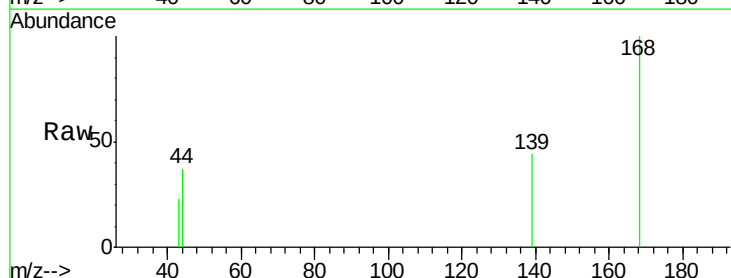
Tgt Ion:139 Resp: 736

Ion Ratio Lower Upper

139 100

109 0.0 34.1 74.1#

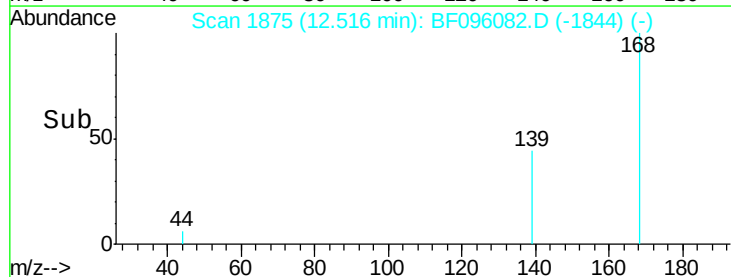
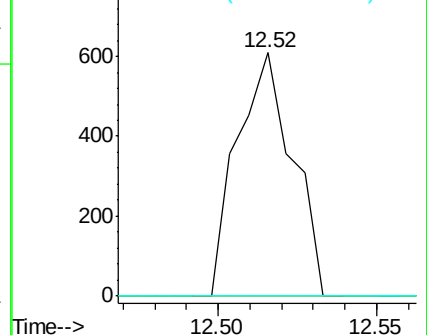
65 0.0 31.4 71.4#

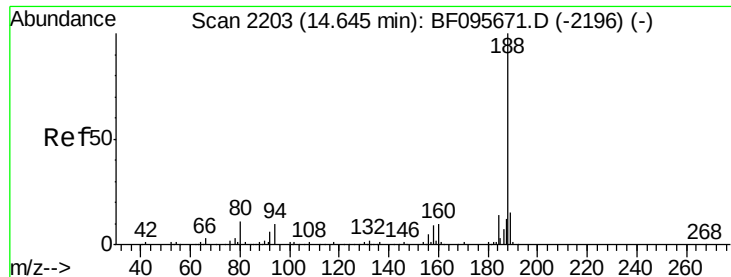


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 14.53 min Scan# 2218

Delta R.T. -0.01 min

Lab File: BF096082.D

Acq: 21 Jun 2017 13:55

Instrument :

BNA_F

ClientSampleId :

SU-02-061617

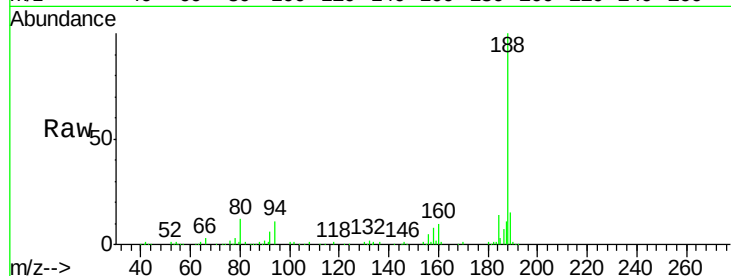
Tgt Ion:188 Resp: 270926

Ion Ratio Lower Upper

188 100

94 10.7 9.4 14.2

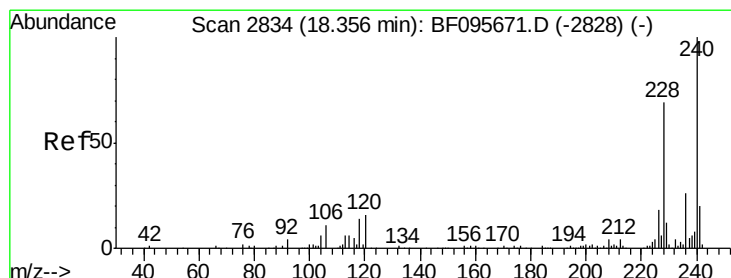
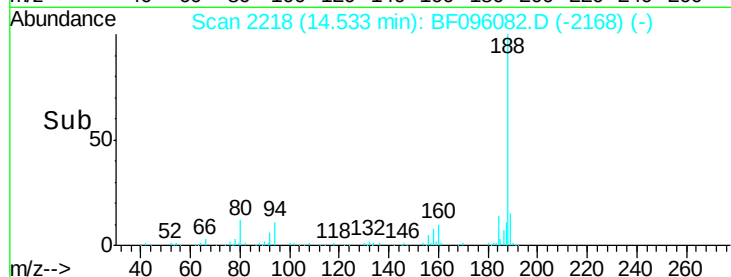
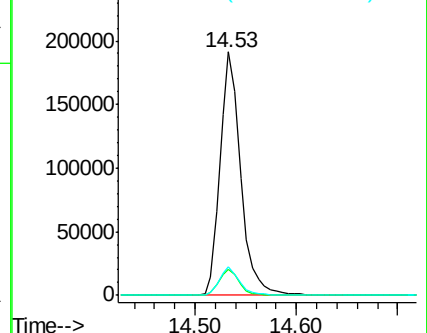
80 11.5 10.2 15.2



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: 20.000 ng

RT: 18.27 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BF096082.D

Acq: 21 Jun 2017 13:55

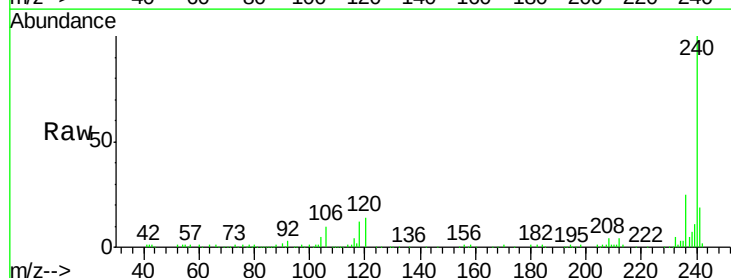
Tgt Ion:240 Resp: 217891

Ion Ratio Lower Upper

240 100

120 14.4 5.8 8.8#

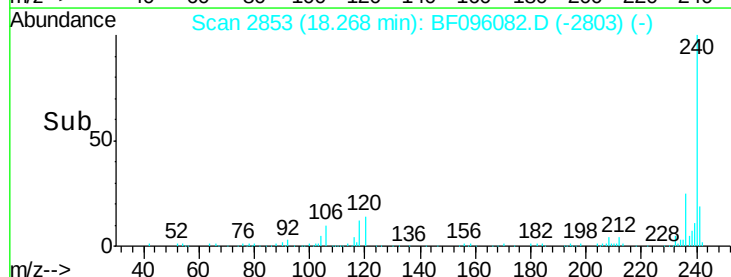
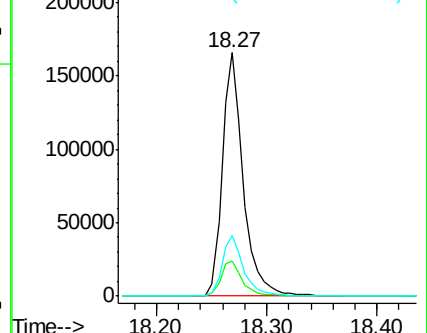
236 25.0 20.5 30.7

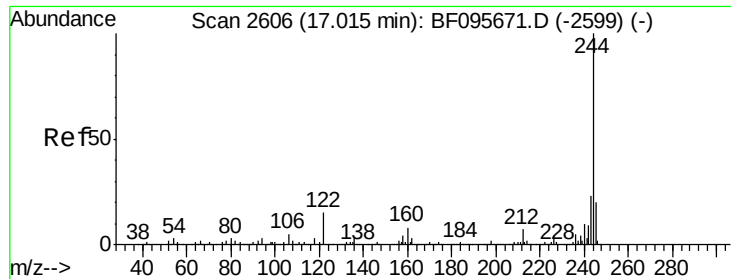


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

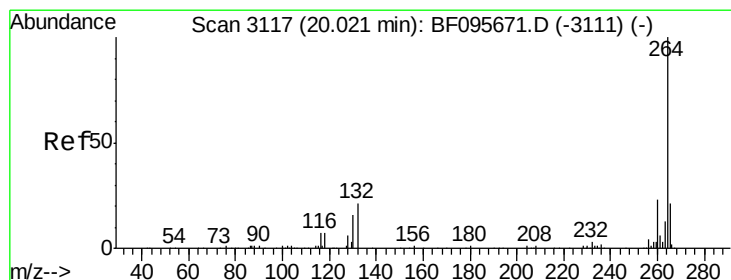
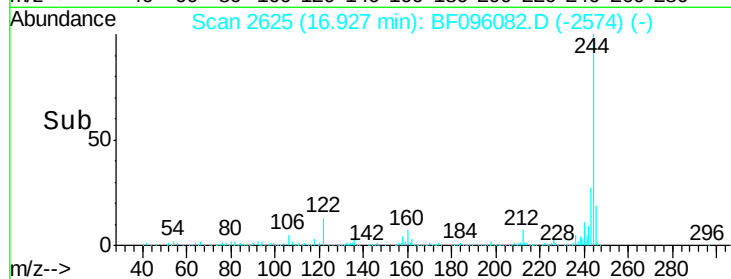
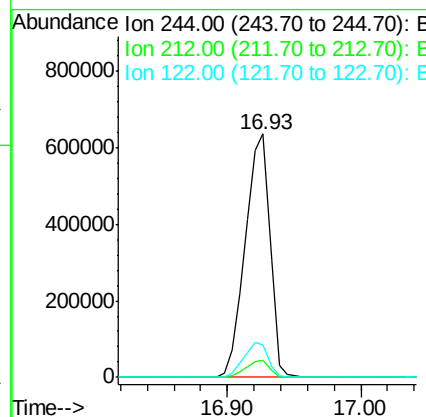
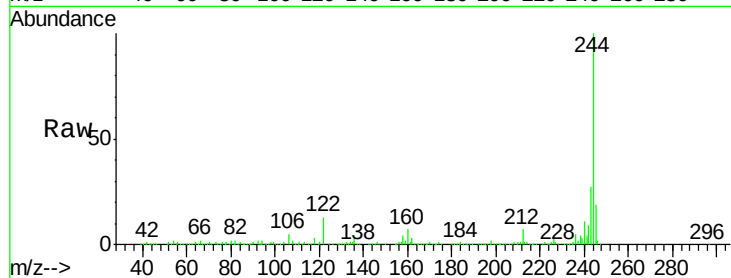




#78
 Terphenyl-d14
 Concen: 92.288 ng
 RT: 16.93 min Scan# 2625
 Delta R.T. 0.00 min
 Lab File: BF096082.D
 Acq: 21 Jun 2017 13:55

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-061617

Tgt Ion:244 Resp: 810268
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 13.3 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 19.94 min Scan# 3138
 Delta R.T. 0.01 min
 Lab File: BF096082.D
 Acq: 21 Jun 2017 13:55

Tgt Ion:264 Resp: 110402
 Ion Ratio Lower Upper
 264 100
 260 26.5 19.5 29.3
 265 18.0 17.2 25.8

