

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
 Data File : BF096004.D
 Acq On : 19 Jun 2017 14:02
 Operator : SJ/MA
 Sample : I3715-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 19 16:39:50 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

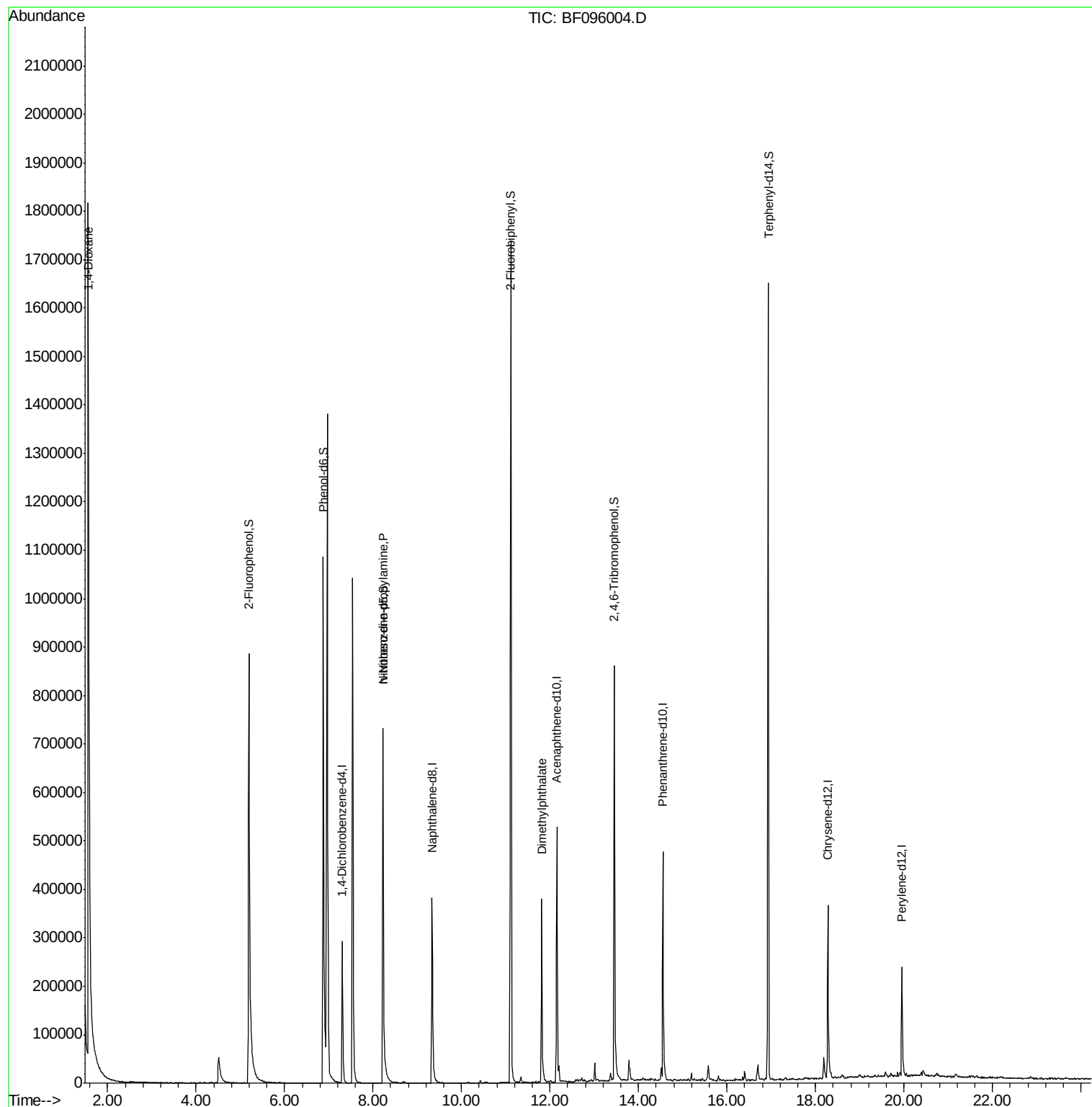
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	76999	20.00	ng	-0.02
21) Naphthalene-d8	9.33	136	322620	20.00	ng	-0.02
38) Acenaphthene-d10	12.16	164	154394	20.00	ng	-0.02
63) Phenanthrene-d10	14.55	188	275835	20.00	ng	-0.02
75) Chrysene-d12	18.28	240	189056	20.00	ng	-0.02
86) Perylene-d12	19.95	264	132222	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	580031	120.03	ng	-0.02
7) Phenol-d6	6.87	99	742523	128.35	ng	-0.04
23) Nitrobenzene-d5	8.23	82	429862	82.75	ng	-0.02
41) 2,4,6-Tribromophenol	13.46	330	159376	116.67	ng	-0.02
44) 2-Fluorobiphenyl	11.12	172	843057	75.99	ng	-0.02
78) Terphenyl-d14	16.93	244	674108	88.49	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	1.56	88	93240	40.56	ng	# 21
19) n-Nitroso-di-n-propylamine	8.22	70	53409	14.57	ng	# 73
49) Dimethylphthalate	11.82	163	250324	21.35	ng	98

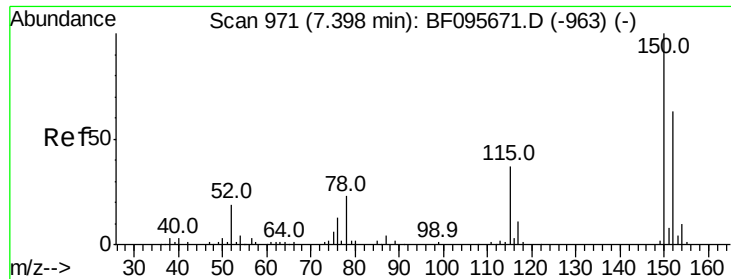
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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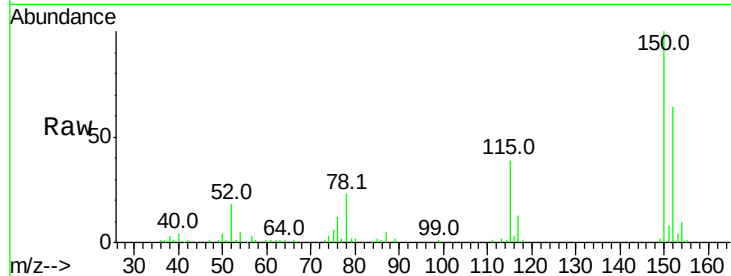


#1

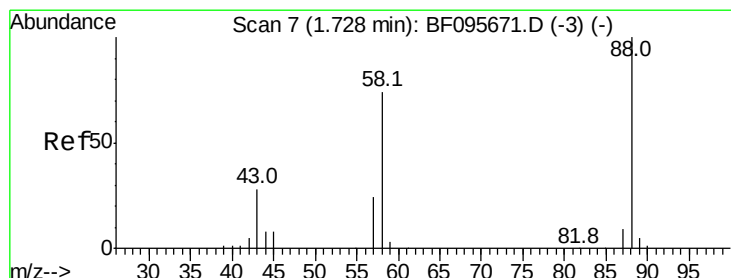
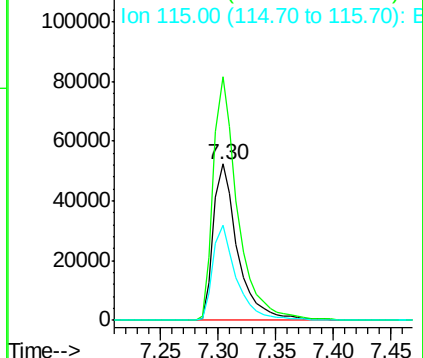
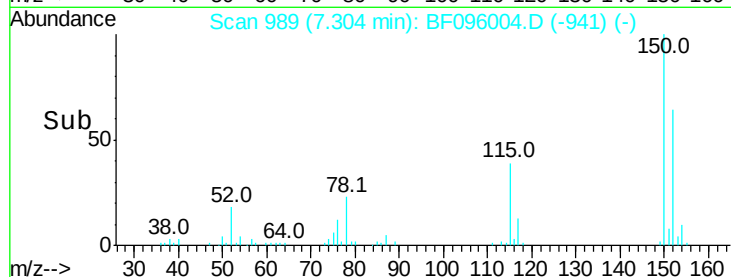
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.30 min Scan# 989
Delta R.T. -0.02 min
Lab File: BF096004.D
Acq: 19 Jun 2017 14:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 76999
Ion Ratio Lower Upper
152 100
150 155.9 126.2 189.2
115 61.3 52.2 78.2



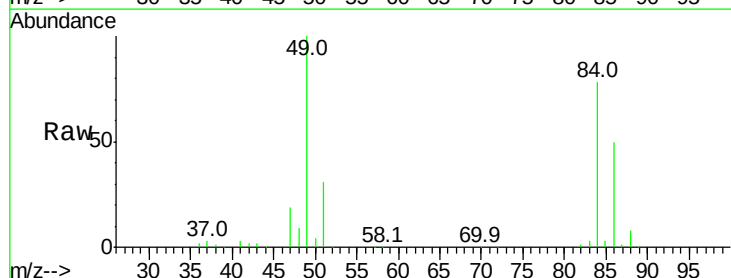
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



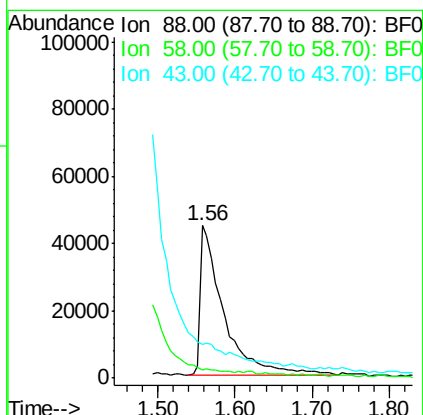
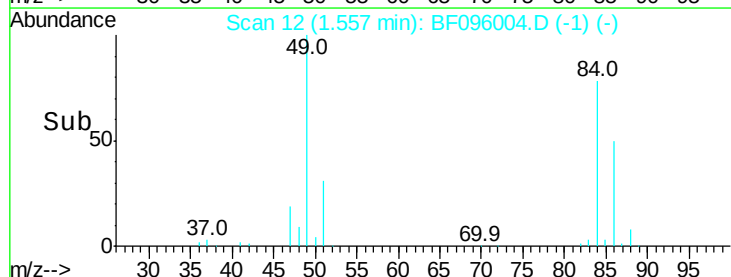
#2

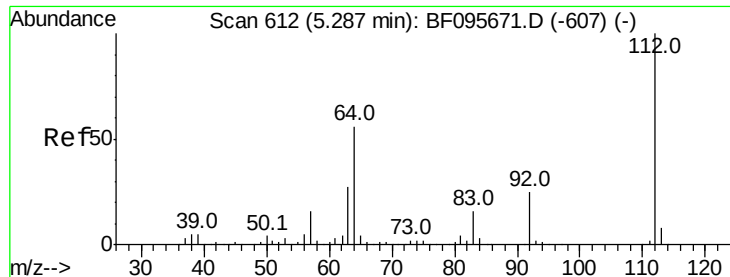
1,4-Dioxane
Concen: 40.56 ng
RT: 1.56 min Scan# 12
Delta R.T. -0.08 min
Lab File: BF096004.D
Acq: 19 Jun 2017 14:02

Tgt Ion: 88 Resp: 93240
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: 120.03 ng

RT: 5.19 min Scan# 630

Delta R.T. -0.02 min

Lab File: BF096004.D

Acq: 19 Jun 2017 14:02

Instrument :

BNA_F

ClientSampled :

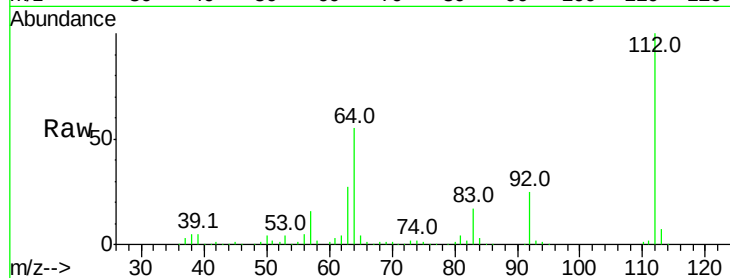
Tot Ion:112 Resp: 580031

Ion Ratio Lower Upper

112 100

64 55.5 46.0 69.0

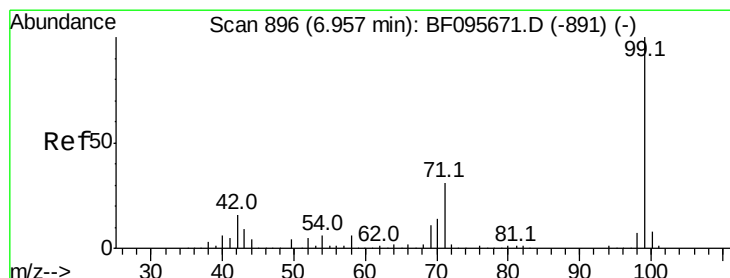
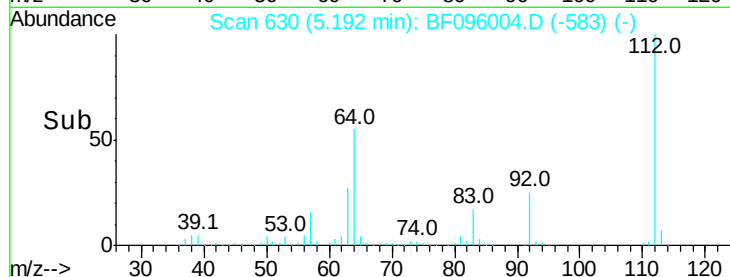
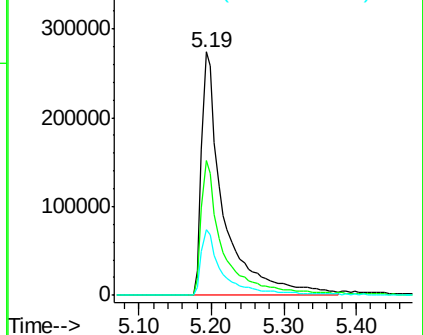
63 27.0 23.4 35.0



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: 128.35 ng

RT: 6.87 min Scan# 916

Delta R.T. -0.04 min

Lab File: BF096004.D

Acq: 19 Jun 2017 14:02

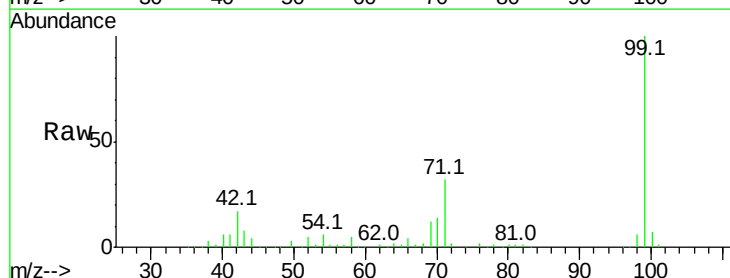
Tgt Ion: 99 Resp: 742523

Ion Ratio Lower Upper

99 100

42 16.5 13.5 20.3

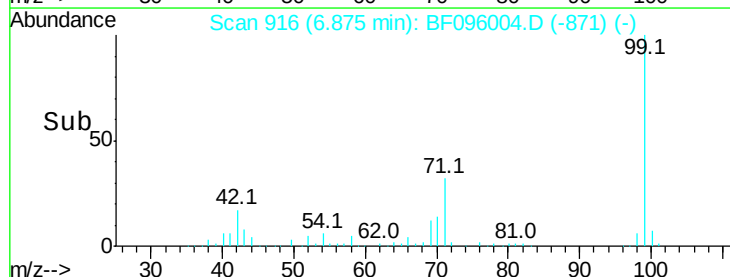
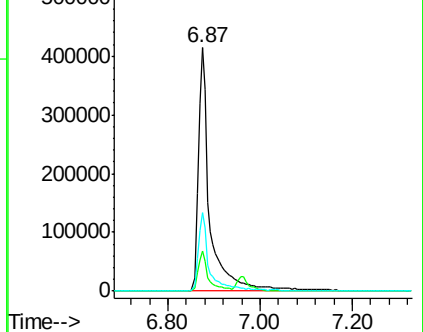
71 32.3 24.5 36.7

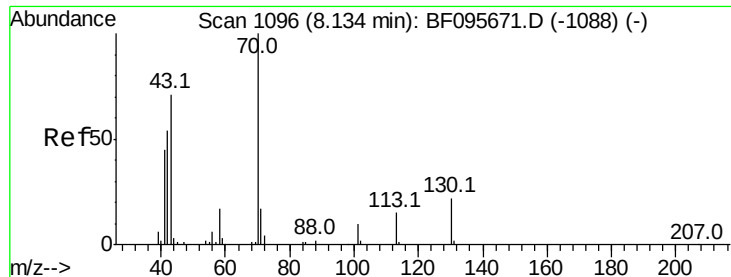


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 14.57 ng

RT: 8.22 min Scan# 1145

Delta R.T. 0.15 min

Lab File: BF096004.D

Acq: 19 Jun 2017 14:02

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 53409

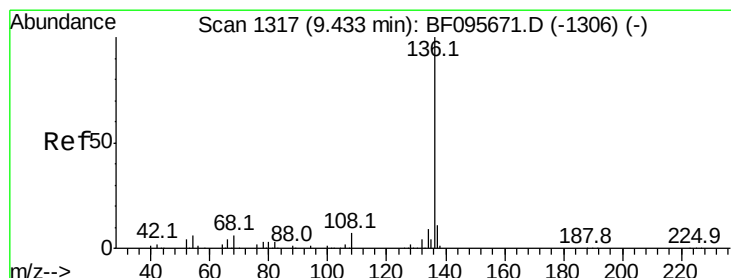
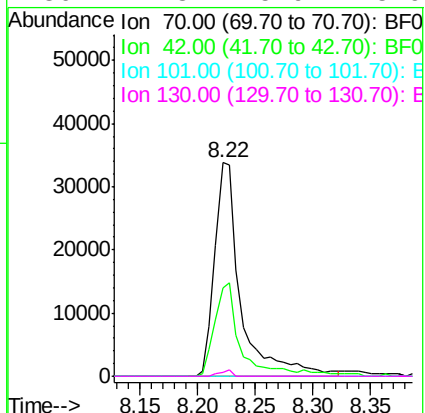
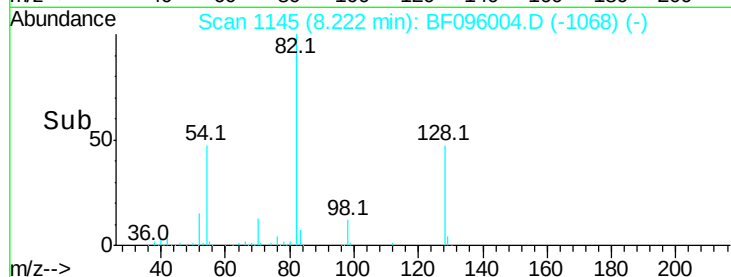
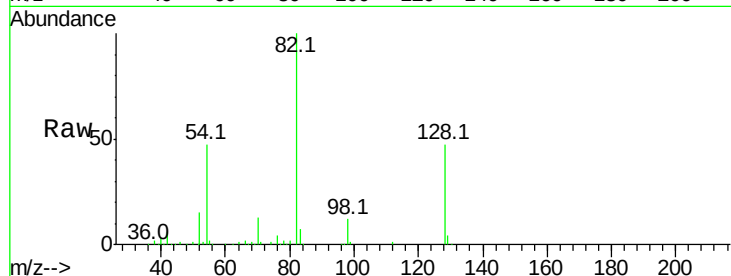
Ion Ratio Lower Upper

70 100

42 41.6 47.2 70.8#

101 0.0 7.2 10.8#

130 1.8 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: BF096004.D

Acq: 19 Jun 2017 14:02

Tgt Ion: 136 Resp: 322620

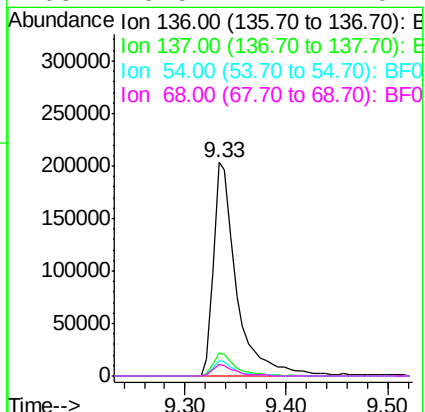
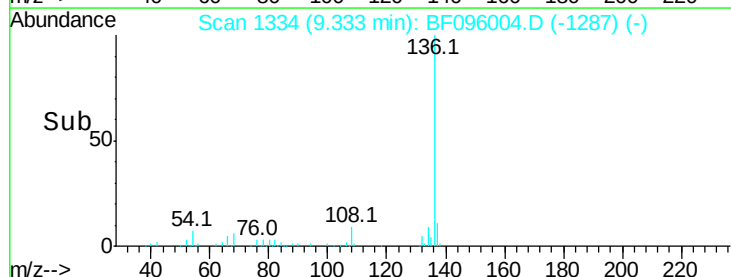
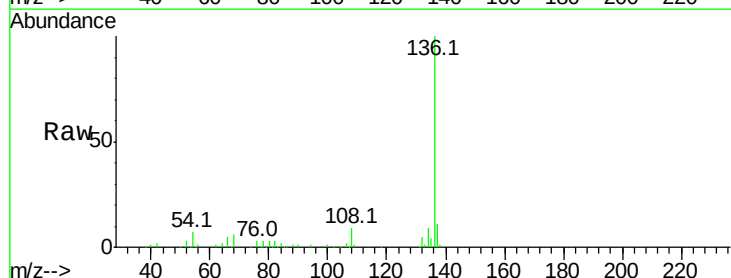
Ion Ratio Lower Upper

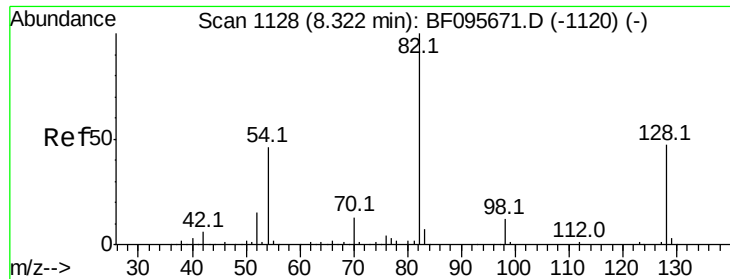
136 100

137 10.7 8.5 12.7

54 7.0 4.9 7.3

68 5.5 4.1 6.1

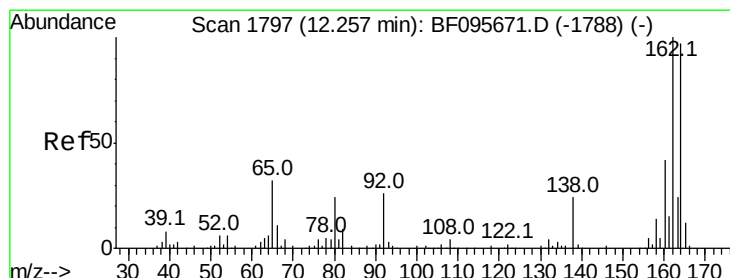
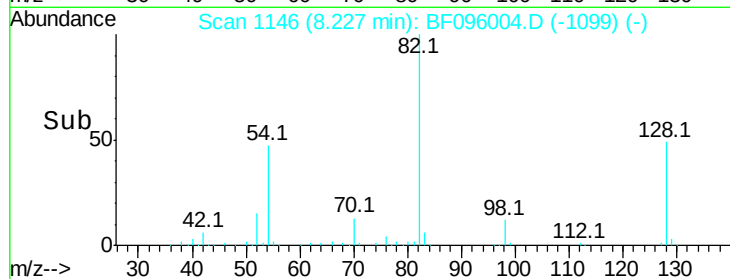
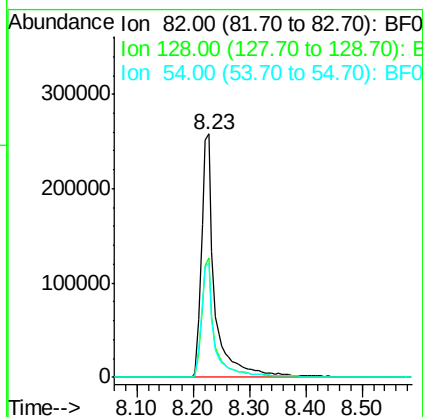
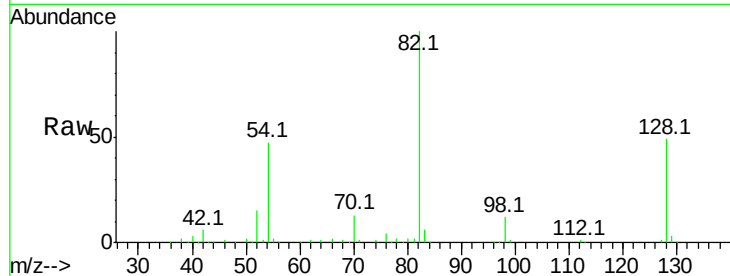




#23
Nitrobenzene-d5
Concen: 82.75 ng
RT: 8.23 min Scan# 1146
Delta R.T. -0.02 min
Lab File: BF096004.D
Acq: 19 Jun 2017 14:02

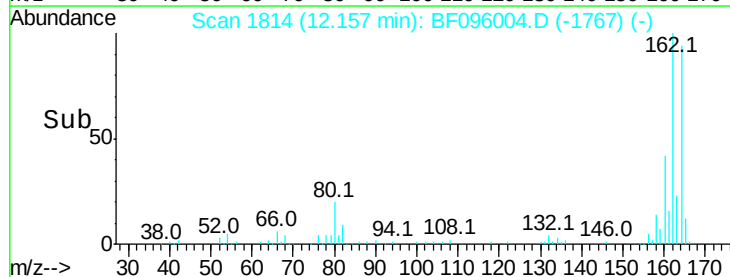
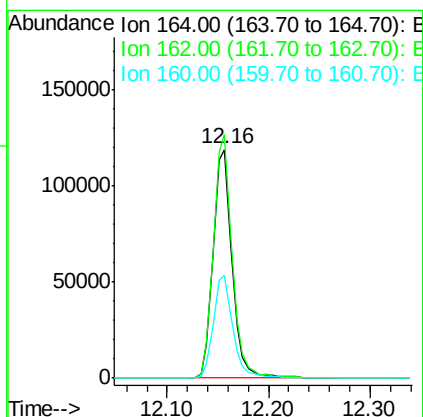
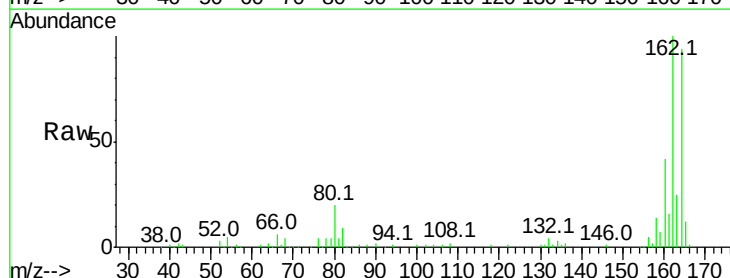
Instrument :
BNA_F
ClientSampleId :

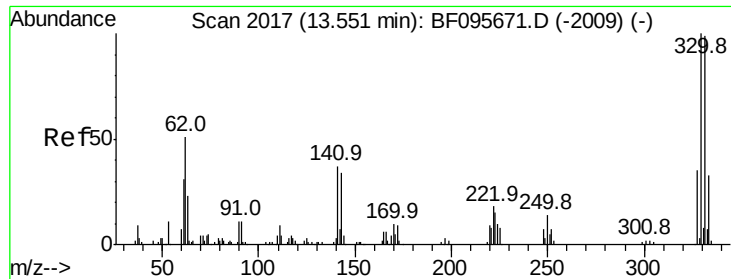
Tot Ion: 82 Resp: 429862
Ion Ratio Lower Upper
82 100
128 49.1 34.0 51.0
54 47.1 42.2 63.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.16 min Scan# 1814
Delta R.T. -0.02 min
Lab File: BF096004.D
Acq: 19 Jun 2017 14:02

Tgt Ion:164 Resp: 154394
Ion Ratio Lower Upper
164 100
162 106.5 82.6 123.8
160 45.1 36.2 54.2

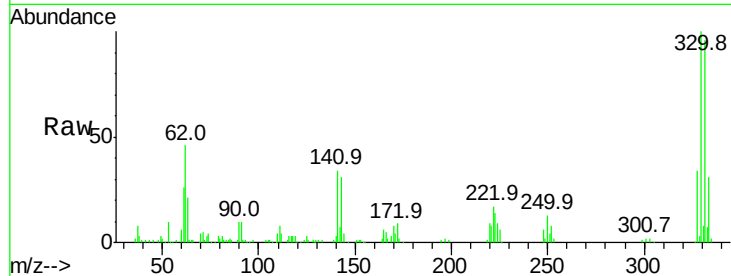




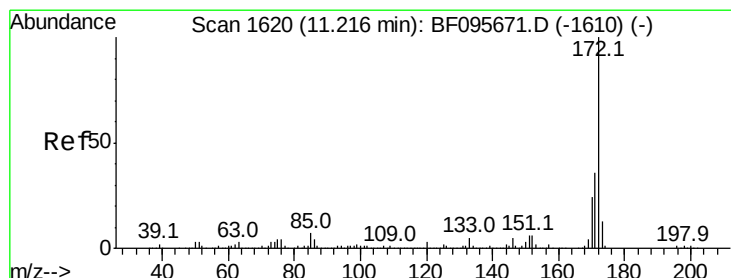
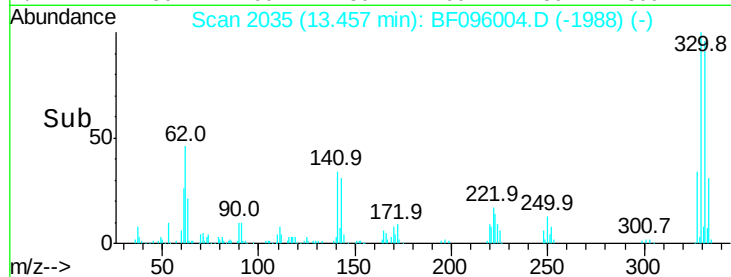
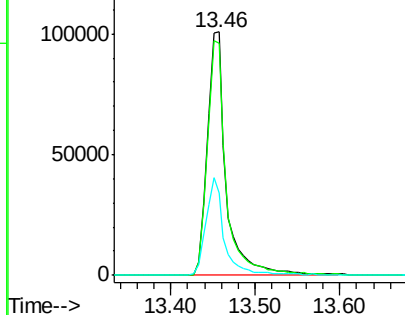
#41
 2,4,6-Tribromophenol
 Concen: 116.67 ng
 RT: 13.46 min Scan# 2035
 Delta R.T. -0.02 min
 Lab File: BF096004.D
 Acq: 19 Jun 2017 14:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 159376
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.6 115.0
 141 38.3 31.4 47.2

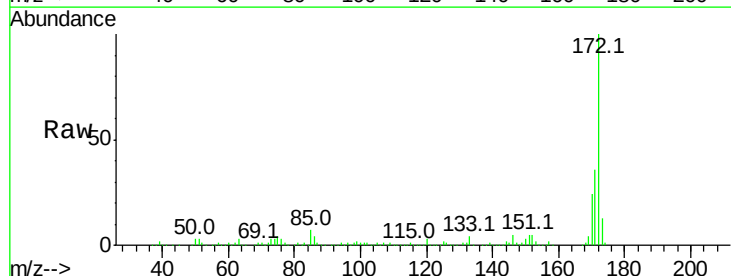


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

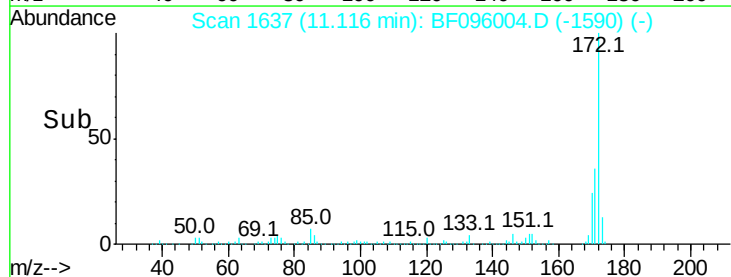
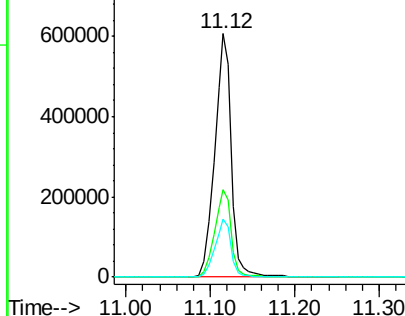


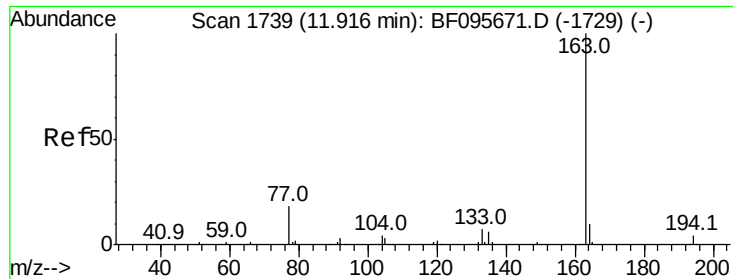
#44
 2-Fluorobiphenyl
 Concen: 75.99 ng
 RT: 11.12 min Scan# 1637
 Delta R.T. -0.02 min
 Lab File: BF096004.D
 Acq: 19 Jun 2017 14:02

Tgt Ion:172 Resp: 843057
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 23.7 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: 21.35 ng

RT: 11.82 min Scan# 1756

Delta R.T. -0.04 min

Lab File: BF096004.D

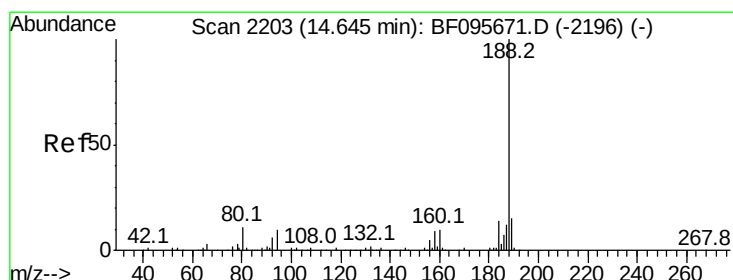
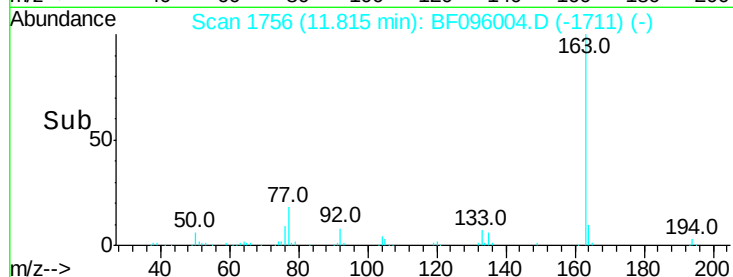
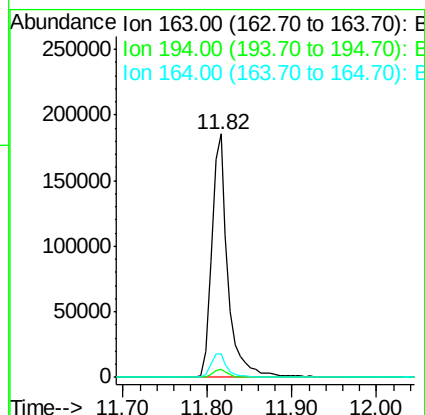
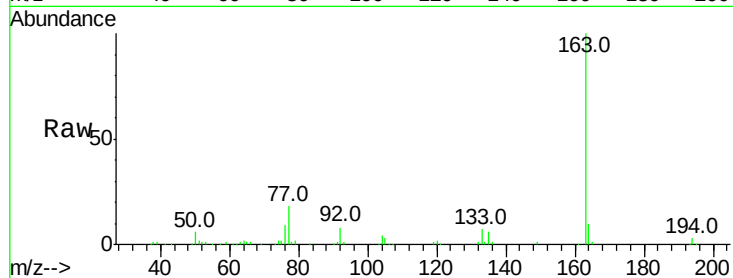
Acq: 19 Jun 2017 14:02

Instrument :

BNA_F

ClientSampled :

Tot Ion:	163	Resp:	250324
Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	9.7	8.4	12.6



#63

Phenanthrene-d10

Concen: 20.00 ng

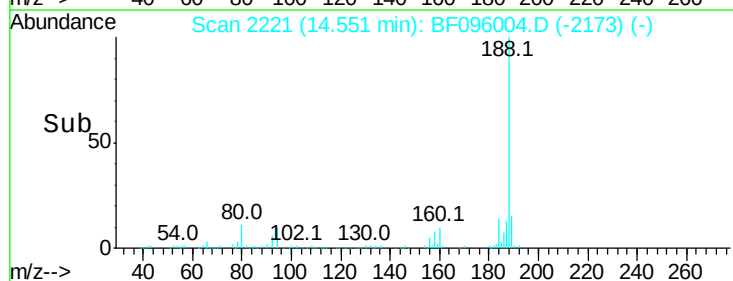
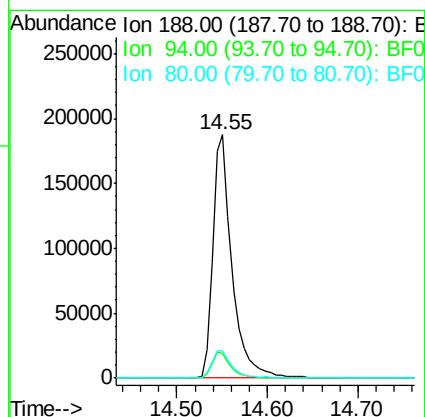
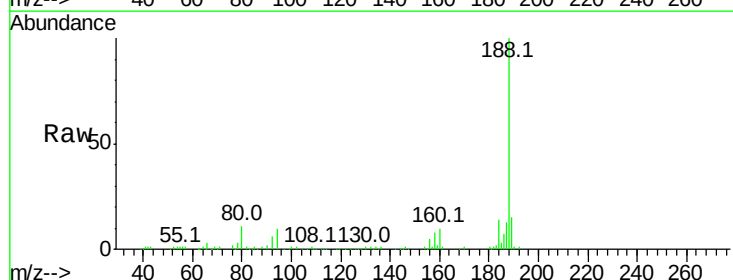
RT: 14.55 min Scan# 2221

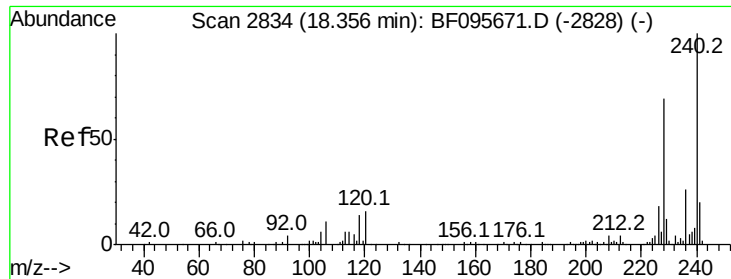
Delta R.T. -0.02 min

Lab File: BF096004.D

Acq: 19 Jun 2017 14:02

Tgt Ion:	188	Resp:	275835
Ion	Ratio	Lower	Upper
188	100		
94	10.1	9.4	14.2
80	11.2	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: BF096004.D

Acq: 19 Jun 2017 14:02

Instrument :

BNA_F

ClientSampleId :

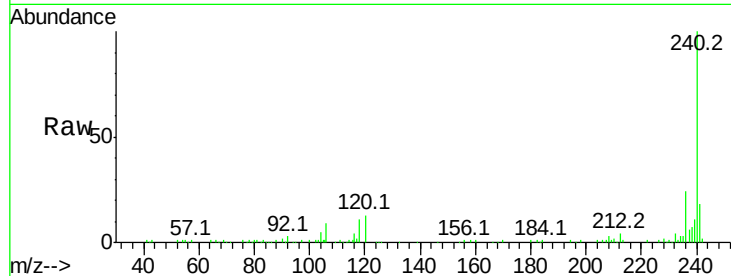
Tot Ion:240 Resp: 189056

Ion Ratio Lower Upper

240 100

120 13.4 5.8 8.8#

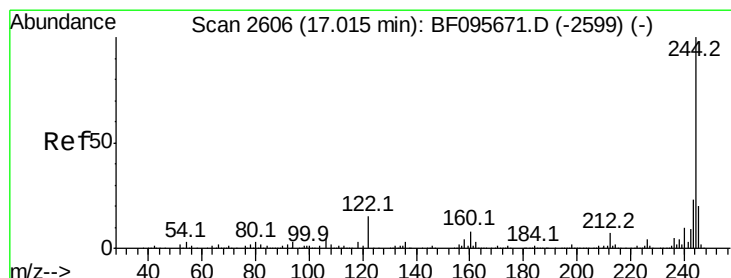
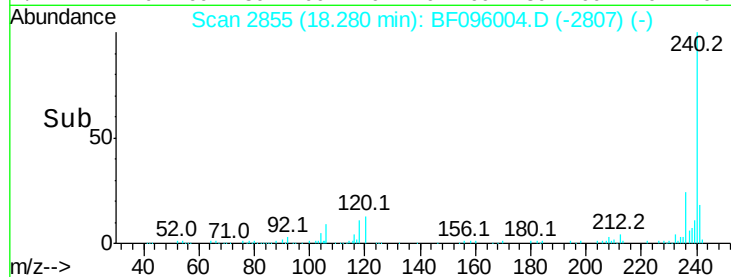
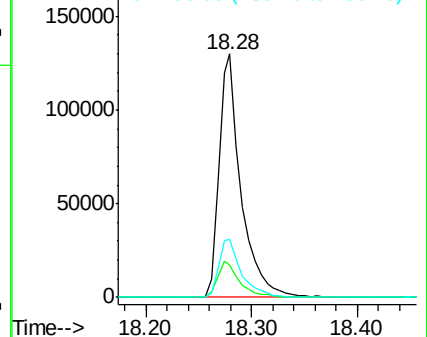
236 23.9 20.5 30.7



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: 88.49 ng

RT: 16.93 min Scan# 2626

Delta R.T. -0.02 min

Lab File: BF096004.D

Acq: 19 Jun 2017 14:02

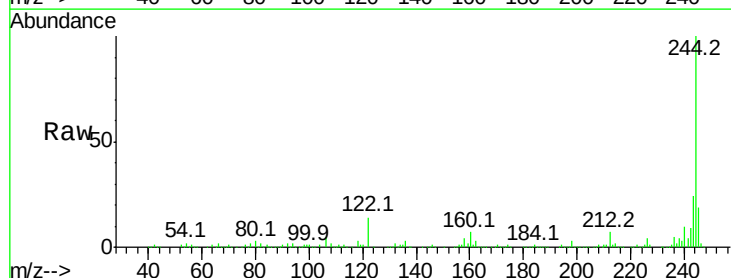
Tgt Ion:244 Resp: 674108

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

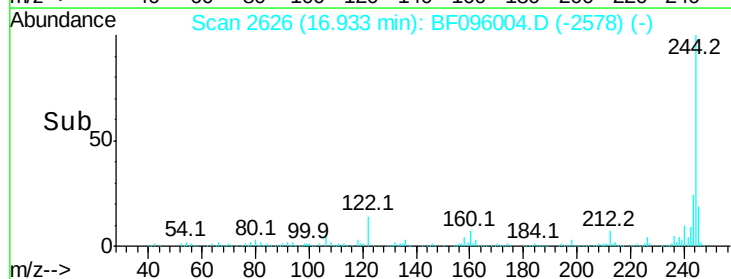
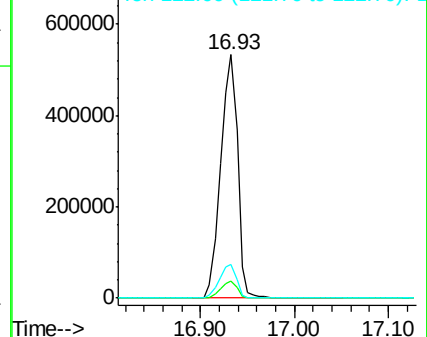
122 13.6 10.3 15.5

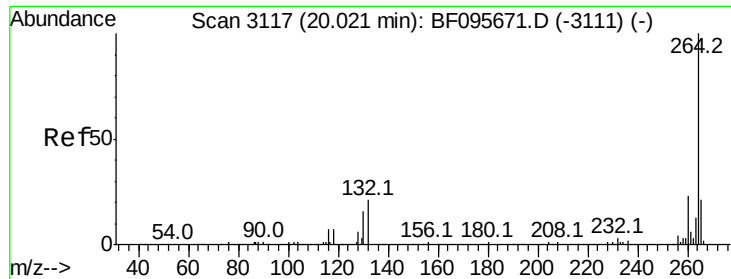


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

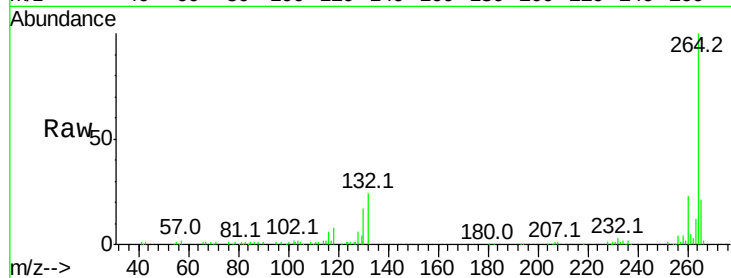




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 19.95 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BF096004.D
 Acq: 19 Jun 2017 14:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 132222
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.5 29.3
 265 21.0 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

