

Data File : BF095829.D
Acq On : 9 Jun 2017 19:21
Operator : SJ/MA
Sample : I3566-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-04-COMP(0-10)

Quant Time: Jun 10 01:24:56 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:15:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	59157	20.00	ng	-0.03
21) Naphthalene-d8	9.40	136	238038	20.00	ng	-0.04
38) Acenaphthene-d10	12.22	164	111159	20.00	ng	-0.04
63) Phenanthrene-d10	14.62	188	207798	20.00	ng	-0.03
75) Chrysene-d12	18.33	240	185789	20.00	ng	-0.02
86) Perylene-d12	20.00	264	121836	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	590504	159.06	ng	-0.02
7) Phenol-d6	6.93	99	707246	159.13	ng	-0.03
23) Nitrobenzene-d5	8.29	82	408707	106.63	ng	-0.04
41) 2,4,6-Tribromophenol	13.52	330	151600	154.14	ng	-0.04
44) 2-Fluorobiphenyl	11.18	172	779240	97.55	ng	-0.04
78) Terphenyl-d14	17.00	244	699460	93.43	ng	-0.02
Target Compounds						
10) Phenol	6.95	94	15436	3.35	ng	# 71
15) Benzyl Alcohol	7.60	79	6387	2.09	ng	# 40
19) n-Nitroso-di-n-propylamine	8.29	70	51129	18.15	ng	# 75
49) Dimethylphthalate	11.87	163	96663	11.45	ng	99

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

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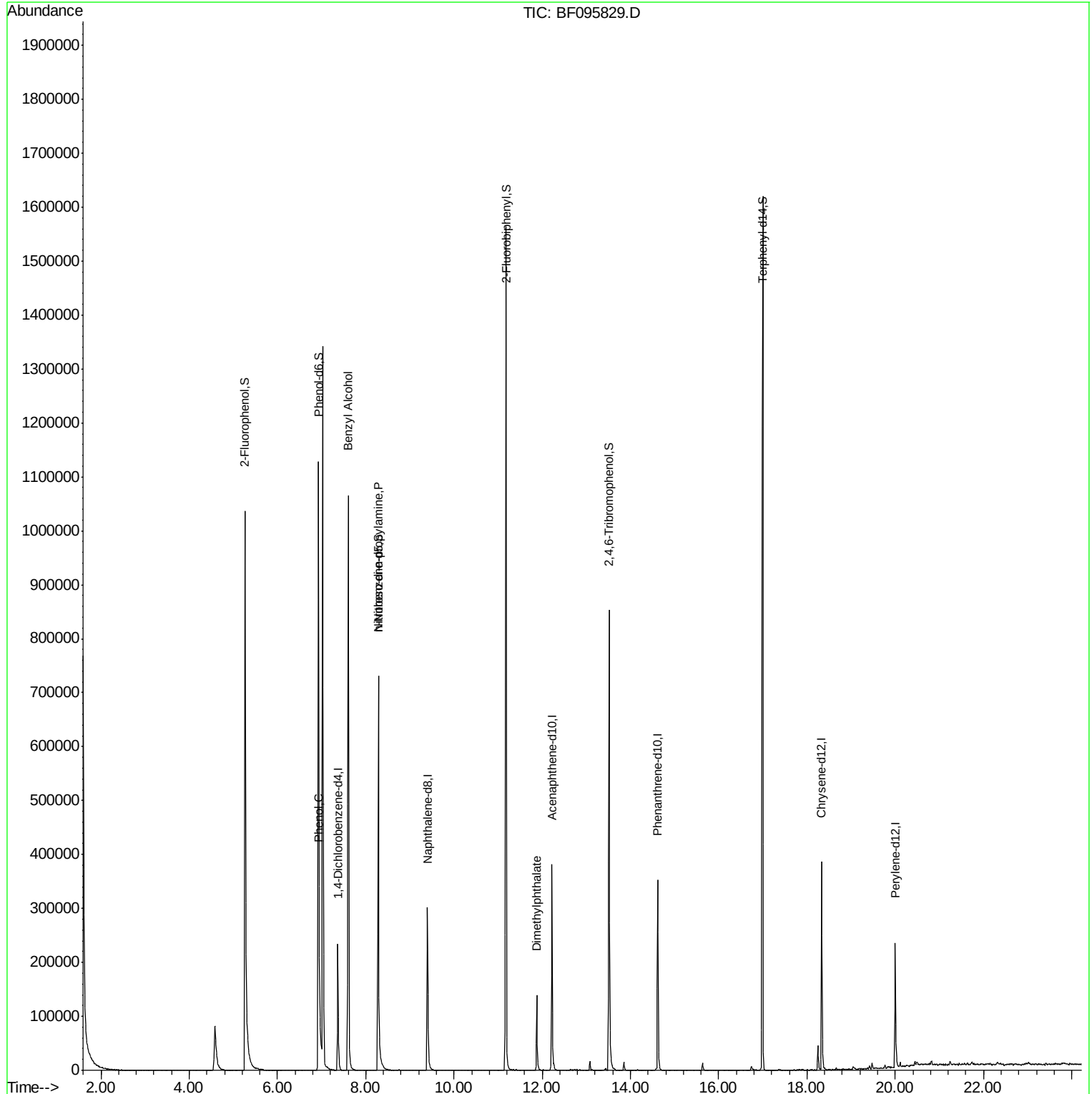
Quant Time: Jun 10 01:24:56 2017

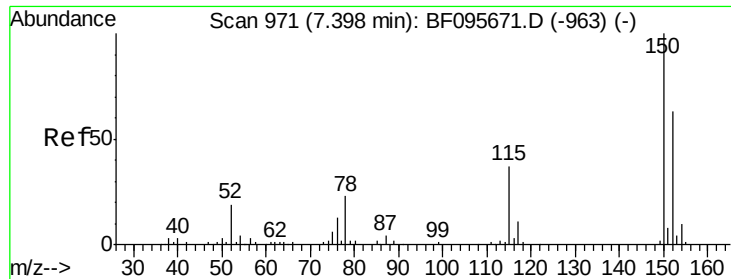
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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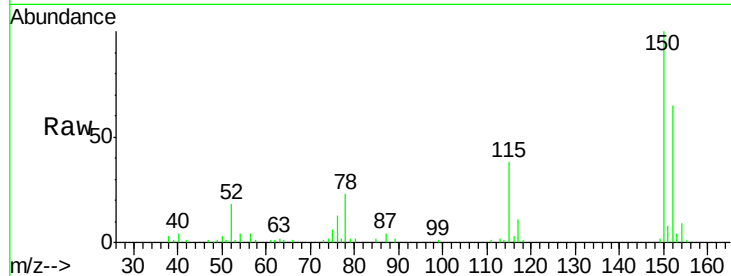


#1

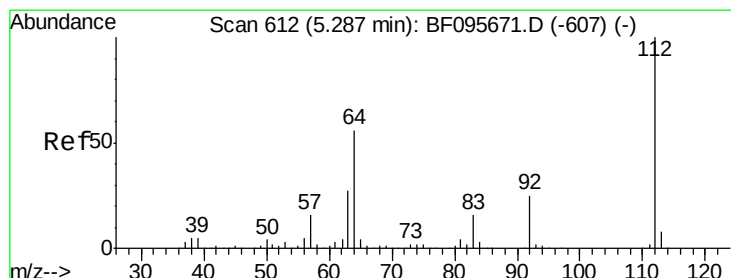
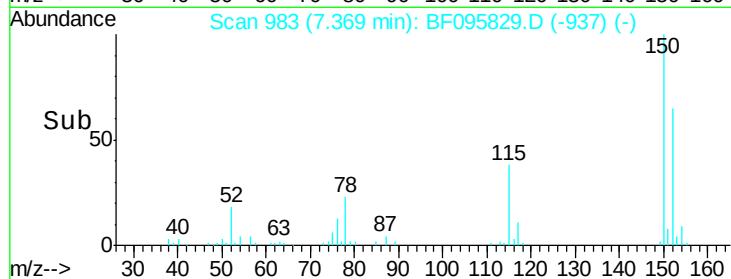
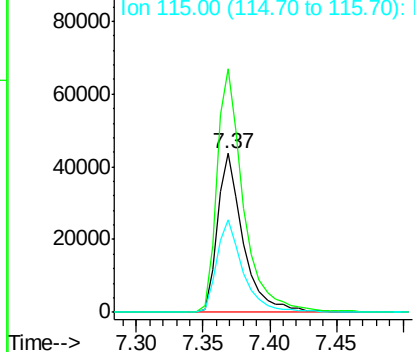
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 983
Delta R.T. -0.03 min
Lab File: BF095829.D
Acq: 9 Jun 2017 19:21

Instrument :
BNA_F
ClientSampleId :
SB-04-COMP(0-10)

Tgt Ion:152 Resp: 59157
Ion Ratio Lower Upper
152 100
150 153.6 126.2 189.2
115 58.6 52.2 78.2



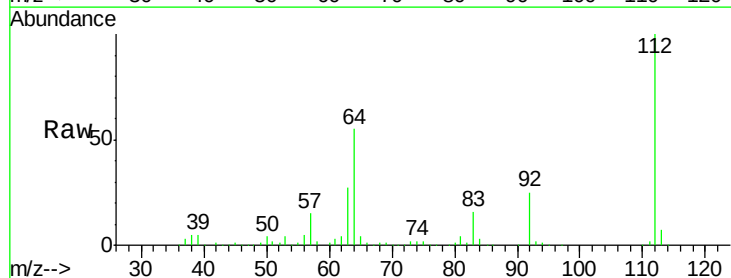
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



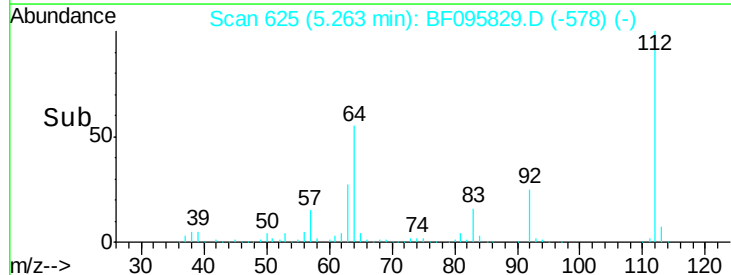
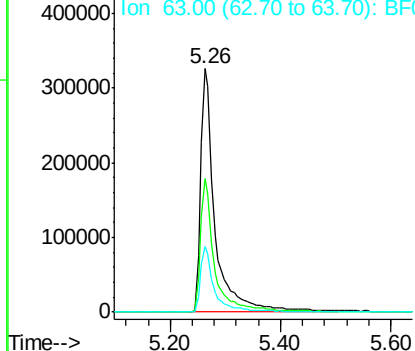
#5

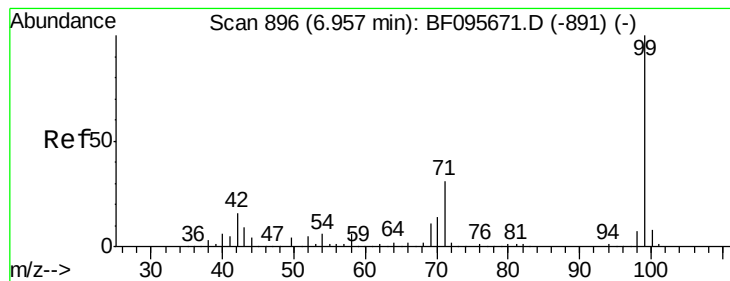
2-Fluorophenol
Concen: 159.06 ng
RT: 5.26 min Scan# 625
Delta R.T. -0.02 min
Lab File: BF095829.D
Acq: 9 Jun 2017 19:21

Tgt Ion:112 Resp: 590504
Ion Ratio Lower Upper
112 100
64 54.6 46.0 69.0
63 26.9 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: 159.13 ng

RT: 6.93 min Scan# 908

Delta R.T. -0.03 min

Lab File: BF095829.D

Acq: 9 Jun 2017 19:21

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP(0-10)

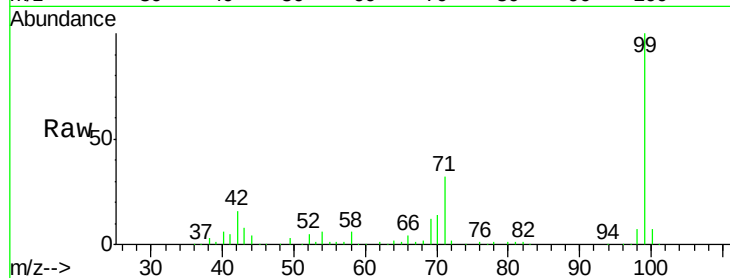
Tgt Ion: 99 Resp: 707246

Ion Ratio Lower Upper

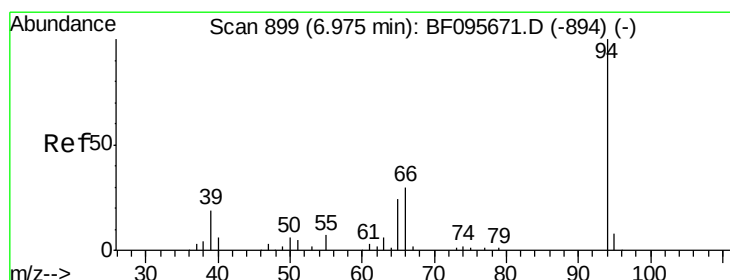
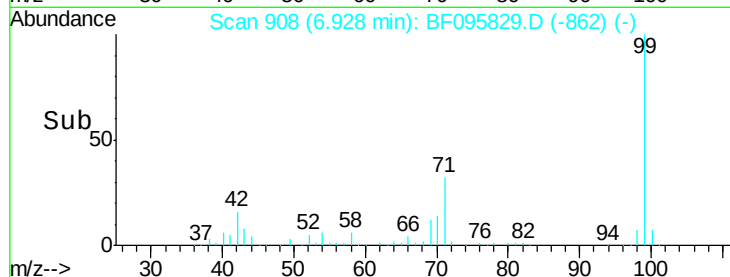
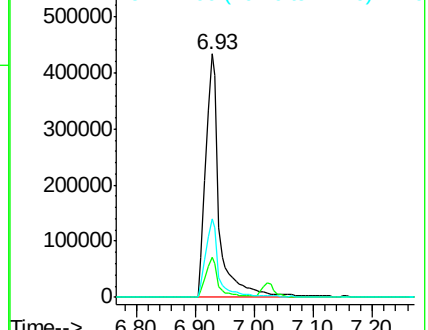
99 100

42 16.3 13.5 20.3

71 32.1 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: 3.35 ng

RT: 6.95 min Scan# 911

Delta R.T. -0.03 min

Lab File: BF095829.D

Acq: 9 Jun 2017 19:21

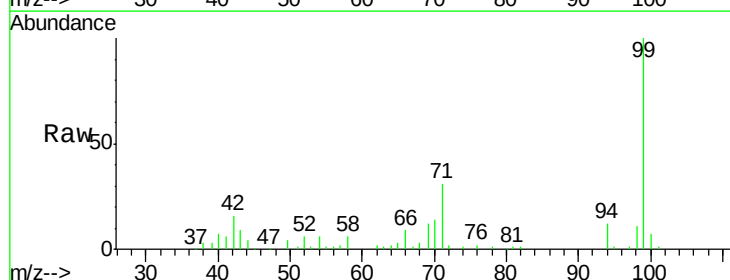
Tgt Ion: 94 Resp: 15436

Ion Ratio Lower Upper

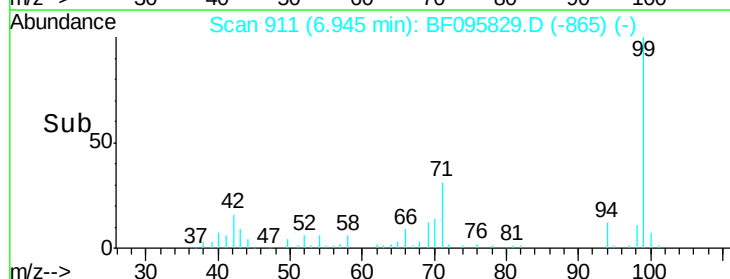
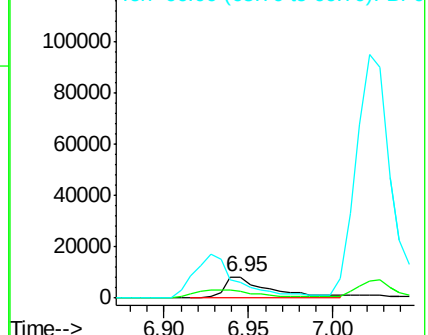
94 100

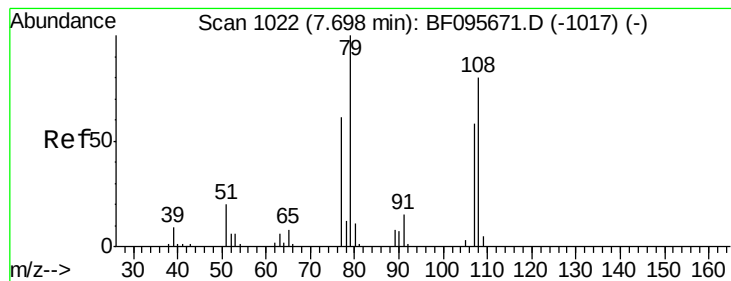
65 29.8 9.9 49.9

66 74.7 23.1 63.1#



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 2.09 ng

RT: 7.60 min Scan# 1023

Delta R.T. -0.09 min

Lab File: BF095829.D

Acq: 9 Jun 2017 19:21

Instrument :

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SB-04-COMP(0-10)

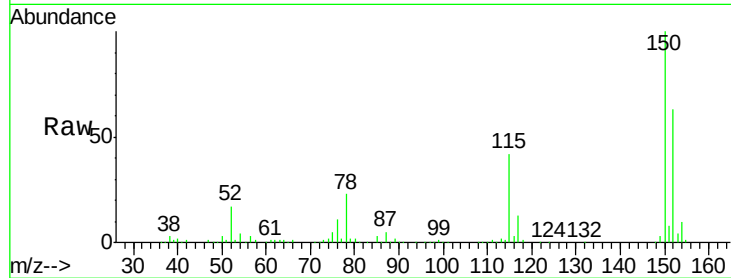
Tgt Ion: 79 Resp: 6387

Ion Ratio Lower Upper

79 100

108 27.1 63.4 95.0#

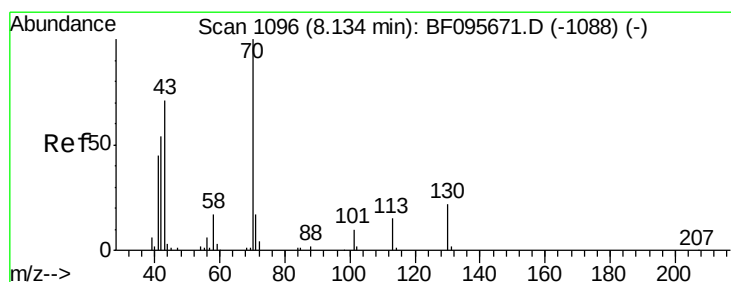
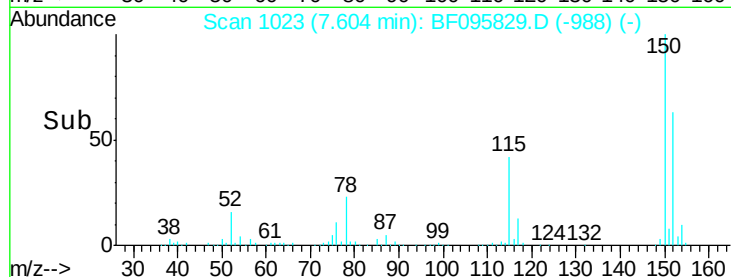
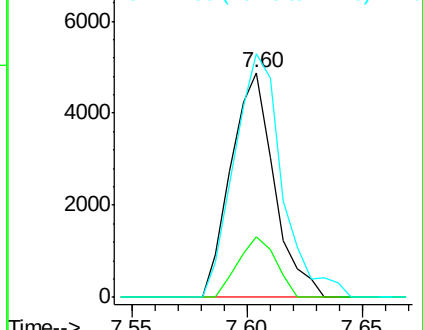
77 108.4 49.2 73.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 18.15 ng

RT: 8.29 min Scan# 1139

Delta R.T. 0.15 min

Lab File: BF095829.D

Acq: 9 Jun 2017 19:21

Tgt Ion: 70 Resp: 51129

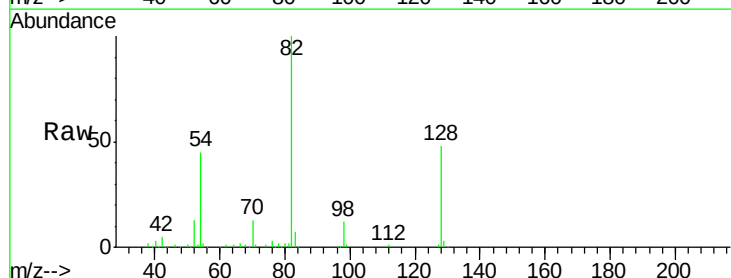
Ion Ratio Lower Upper

70 100

42 43.3 47.2 70.8#

101 0.0 7.2 10.8#

130 2.9 15.9 23.9#

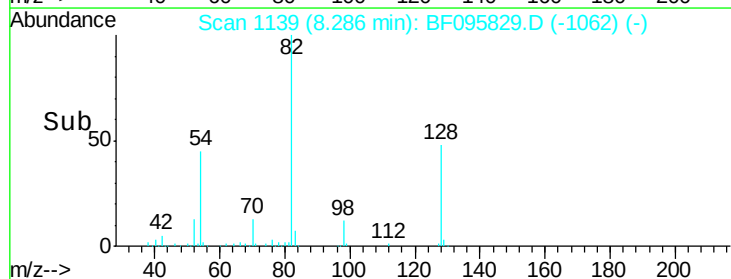
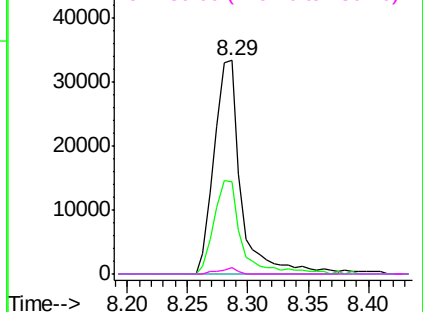


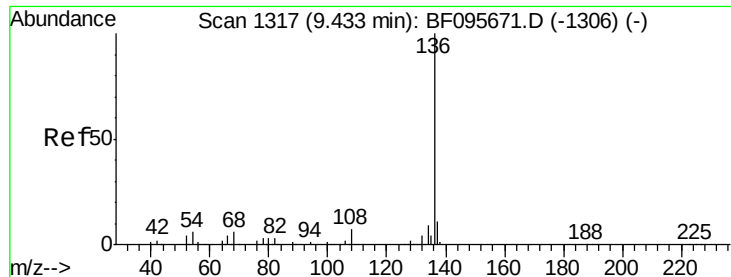
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

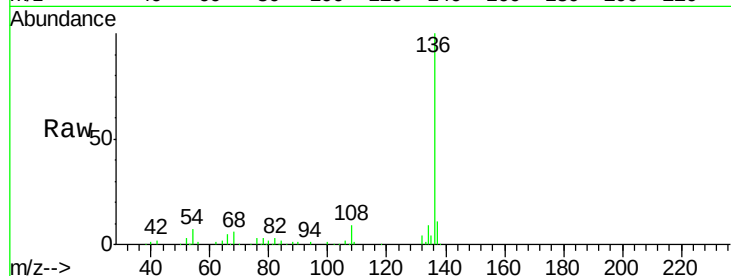




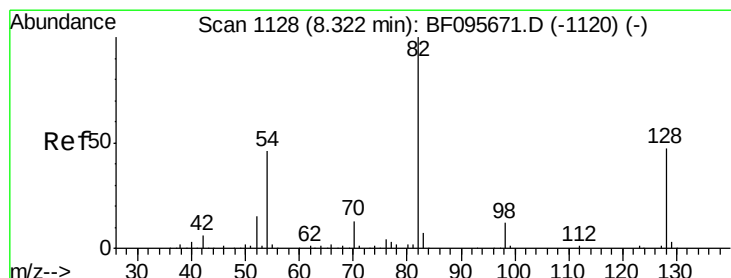
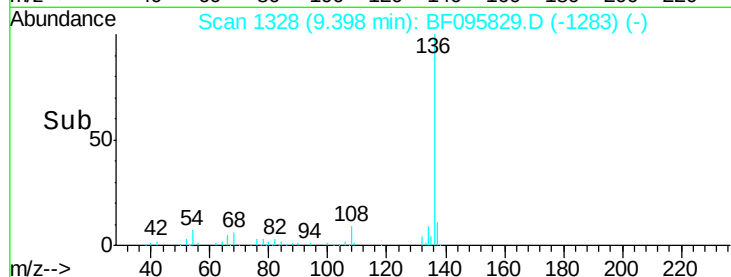
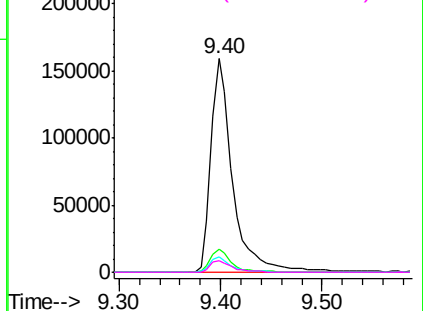
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.40 min Scan# 1328
Delta R.T. -0.04 min
Lab File: BF095829.D
Acq: 9 Jun 2017 19:21

Instrument :
BNA_F
ClientSampleId :
SB-04-COMP(0-10)

Tgt Ion:	136	Resp:	238038
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	7.1	4.9	7.3
68	5.6	4.1	6.1

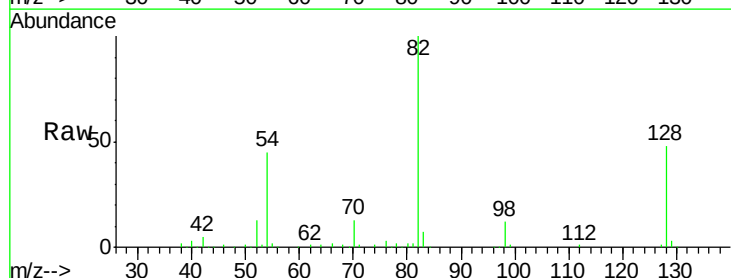


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

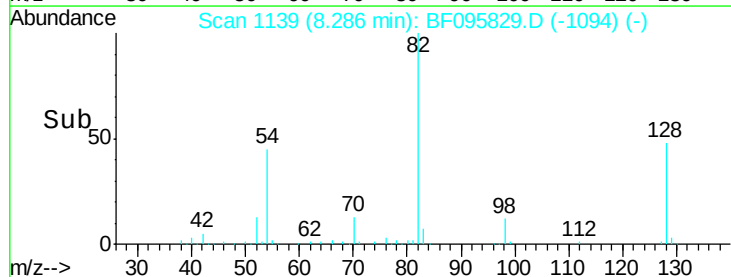
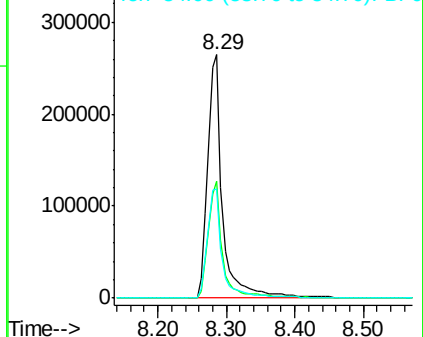


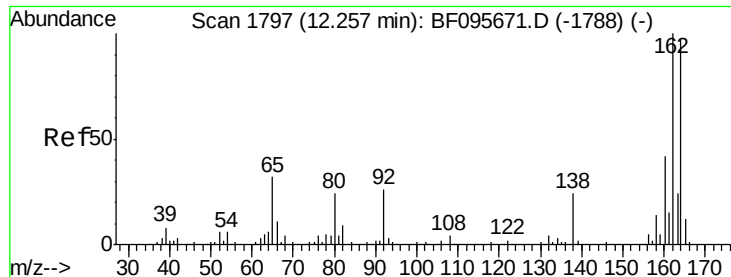
#23
Nitrobenzene-d5
Concen: 106.63 ng
RT: 8.29 min Scan# 1139
Delta R.T. -0.04 min
Lab File: BF095829.D
Acq: 9 Jun 2017 19:21

Tgt Ion:	82	Resp:	408707
Ion	Ratio	Lower	Upper
82	100		
128	48.2	34.0	51.0
54	44.6	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: 12.22 min Scan# 1808

Delta R.T. -0.04 min

Lab File: BF095829.D

Acq: 9 Jun 2017 19:21

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP(0-10)

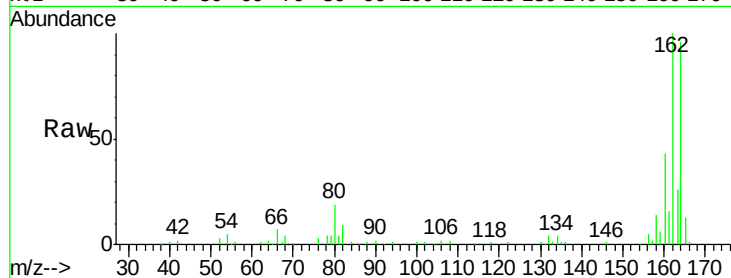
Tgt Ion:164 Resp: 111159

Ion Ratio Lower Upper

164 100

162 103.8 82.6 123.8

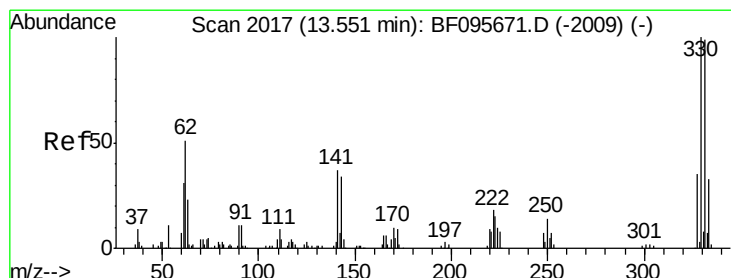
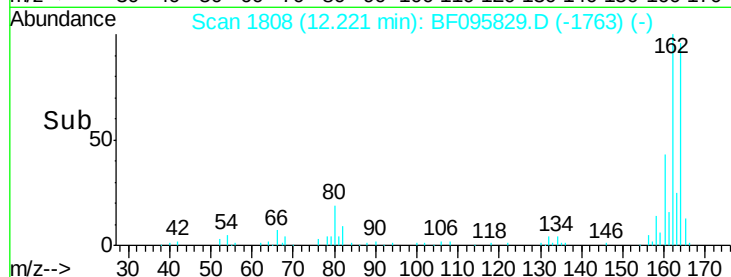
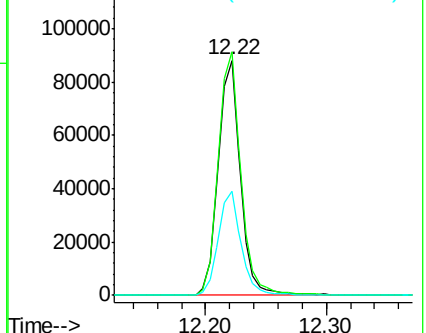
160 44.4 36.2 54.2



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: 154.14 ng

RT: 13.52 min Scan# 2028

Delta R.T. -0.04 min

Lab File: BF095829.D

Acq: 9 Jun 2017 19:21

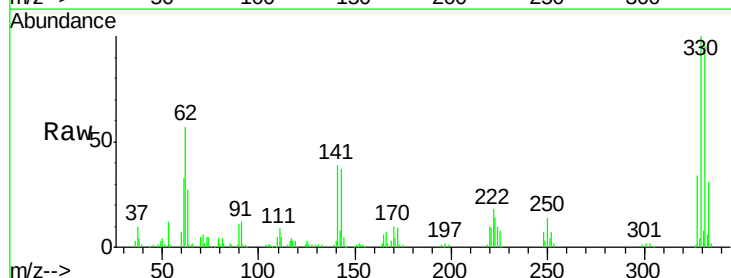
Tgt Ion:330 Resp: 151600

Ion Ratio Lower Upper

330 100

332 94.8 76.6 115.0

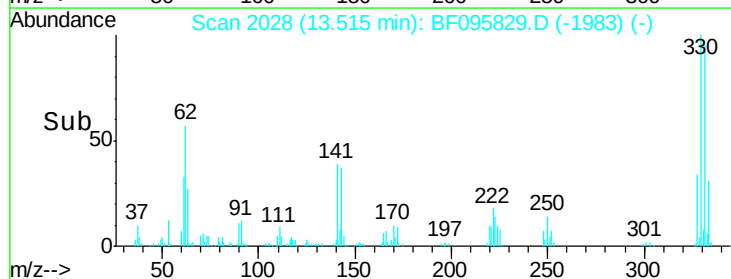
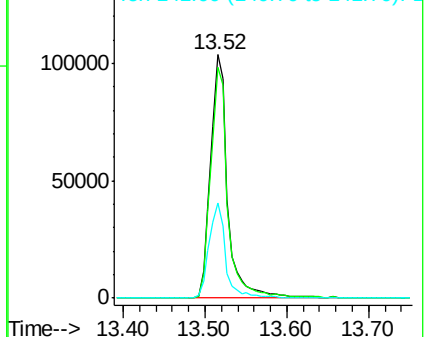
141 37.8 31.4 47.2

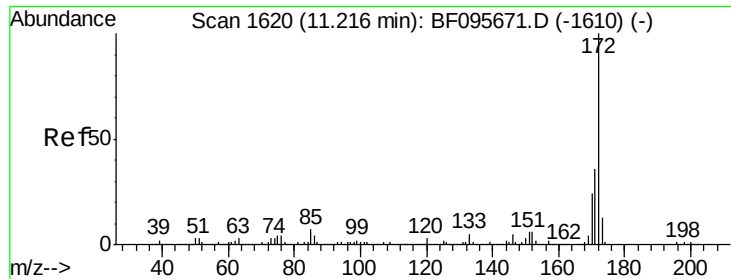


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

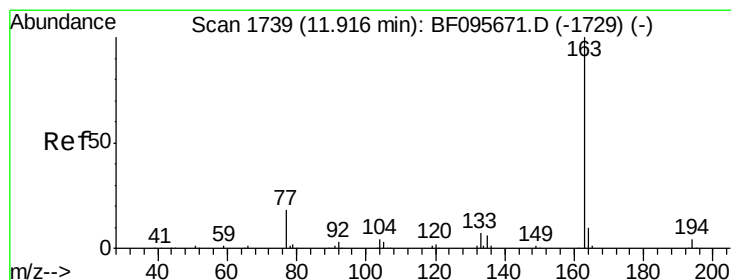
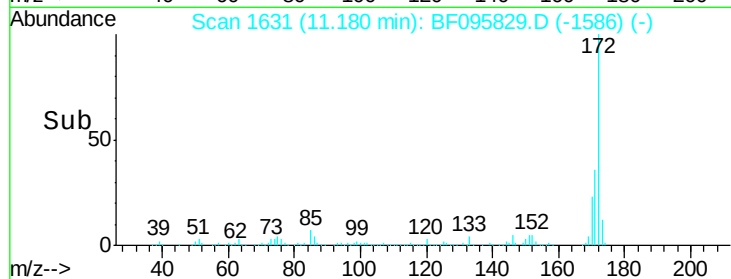
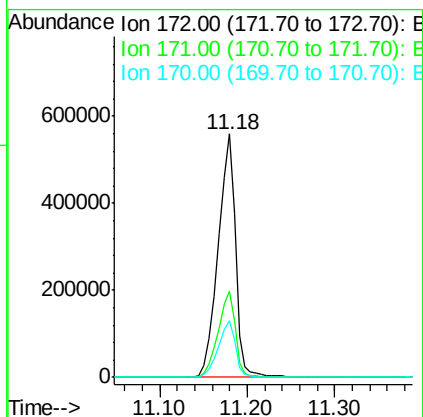
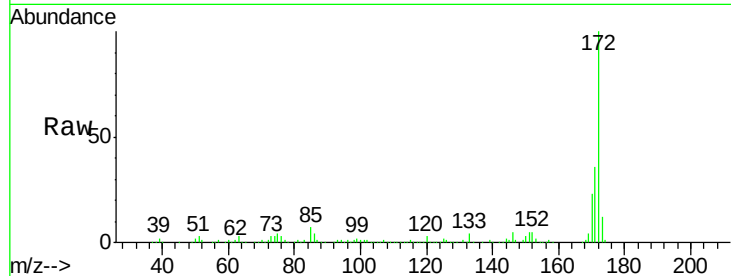




#44
2-Fluorobiphenyl
Concen: 97.55 ng
RT: 11.18 min Scan# 1631
Delta R.T. -0.04 min
Lab File: BF095829.D
Acq: 9 Jun 2017 19:21

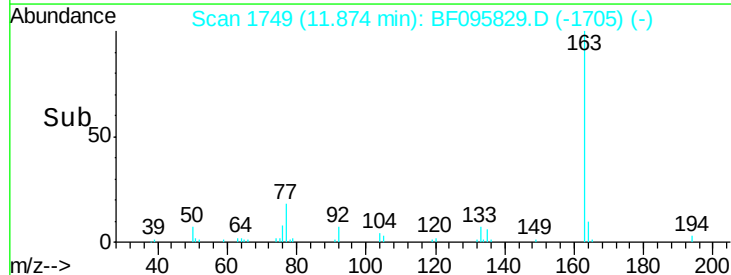
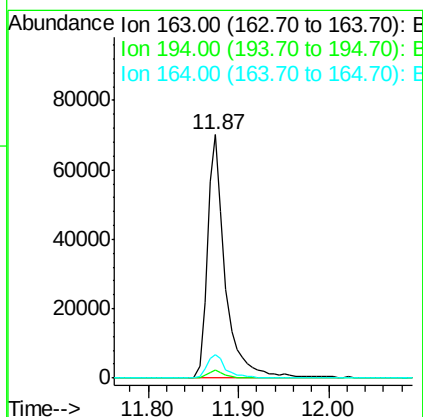
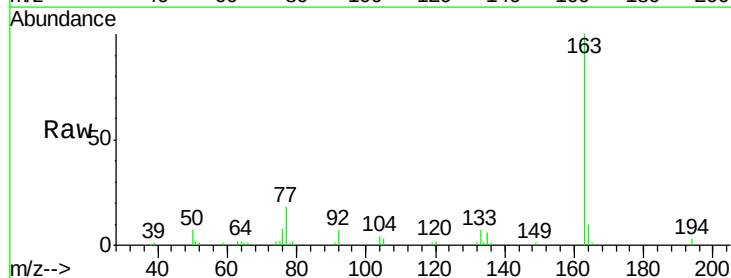
Instrument :
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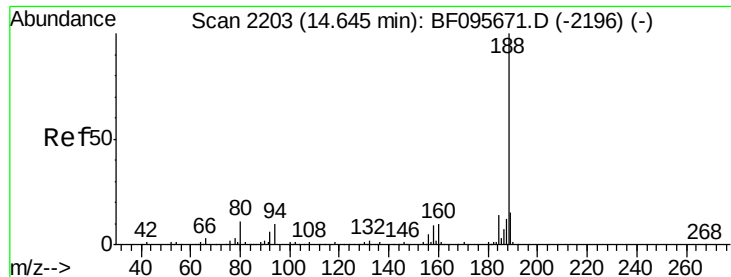
Tgt Ion:172 Resp: 779240
Ion Ratio Lower Upper
172 100
171 35.6 29.6 44.4
170 23.4 19.8 29.8



#49
Dimethylphthalate
Concen: 11.45 ng
RT: 11.87 min Scan# 1749
Delta R.T. -0.04 min
Lab File: BF095829.D
Acq: 9 Jun 2017 19:21

Tgt Ion:163 Resp: 96663
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 9.9 8.4 12.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.62 min Scan# 2215

Delta R.T. -0.03 min

Lab File: BF095829.D

Acq: 9 Jun 2017 19:21

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP(0-10)

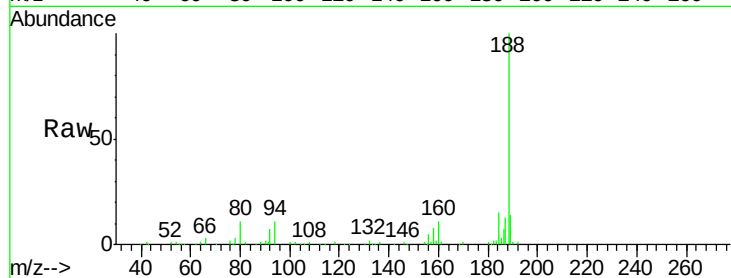
Tgt Ion:188 Resp: 207798

Ion Ratio Lower Upper

188 100

94 11.3 9.4 14.2

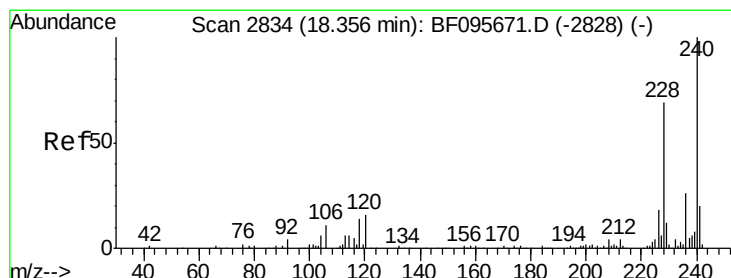
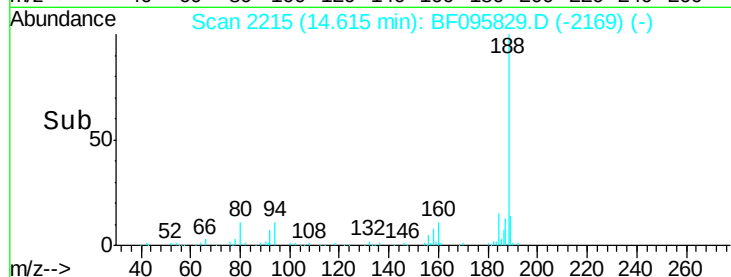
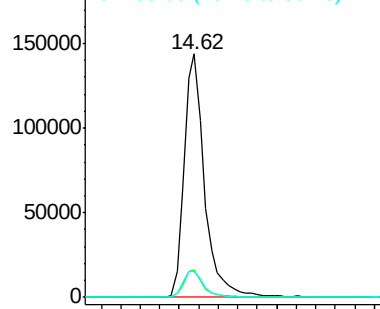
80 10.7 10.2 15.2



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: 18.33 min Scan# 2847

Delta R.T. -0.02 min

Lab File: BF095829.D

Acq: 9 Jun 2017 19:21

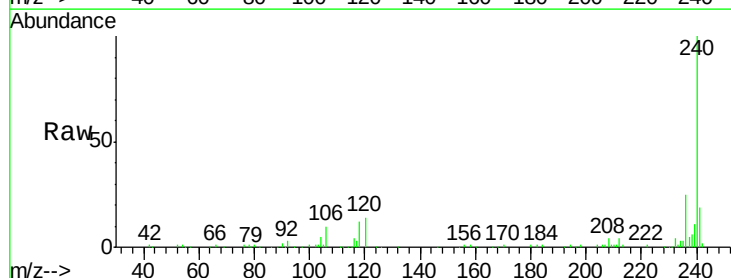
Tgt Ion:240 Resp: 185789

Ion Ratio Lower Upper

240 100

120 13.8 5.8 8.8#

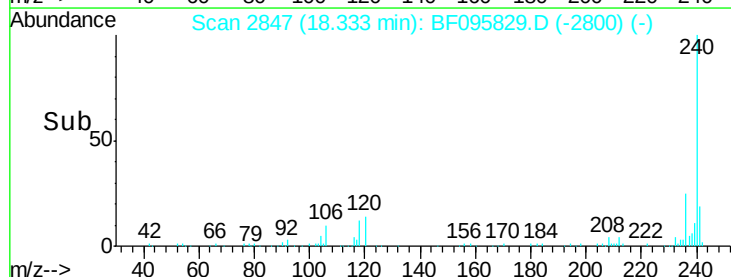
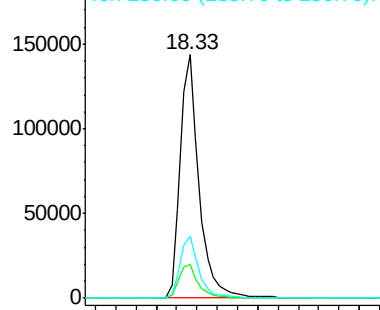
236 25.4 20.5 30.7

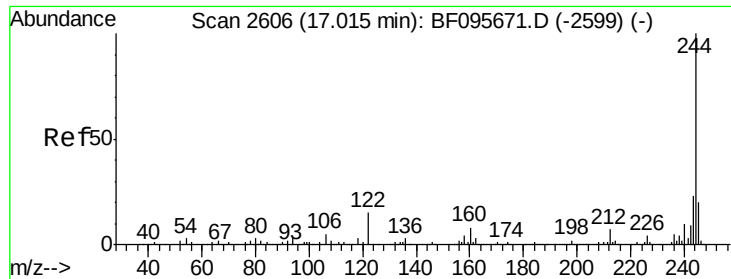


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

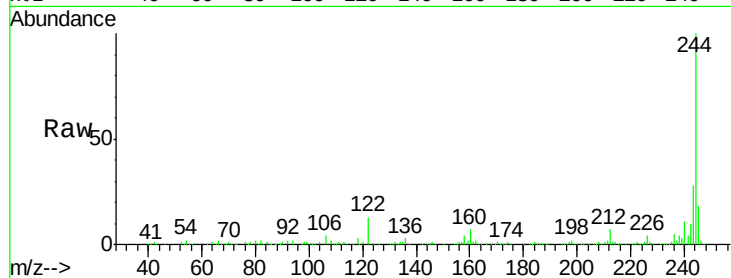




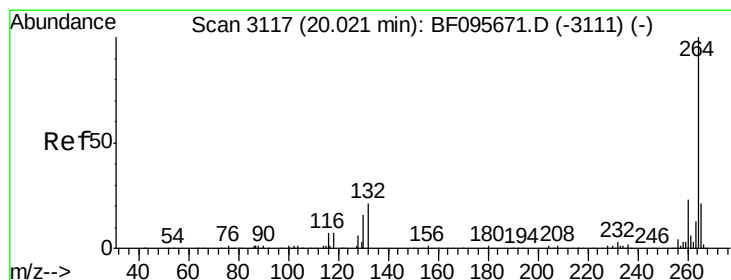
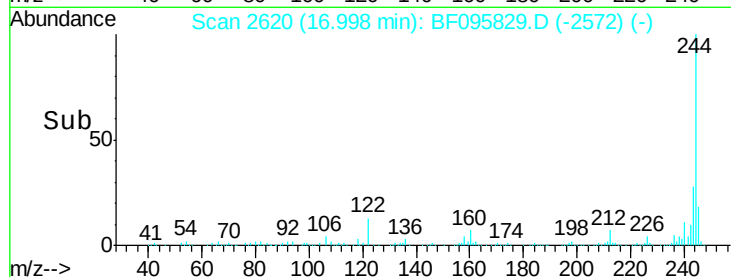
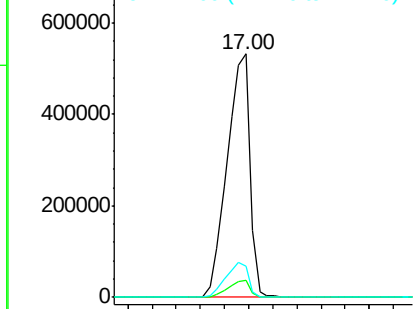
#78
 Terphenyl-d14
 Concen: 93.43 ng
 RT: 17.00 min Scan# 2620
 Delta R.T. -0.02 min
 Lab File: BF095829.D
 Acq: 9 Jun 2017 19:21

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP(0-10)

Tgt Ion:244 Resp: 699460
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 13.0 10.3 15.5

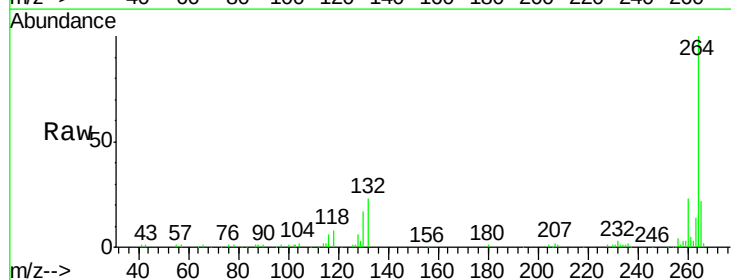


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.00 min Scan# 3131
 Delta R.T. -0.02 min
 Lab File: BF095829.D
 Acq: 9 Jun 2017 19:21

Tgt Ion:264 Resp: 121836
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.5 29.3
 265 22.4 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

