

Data File : BF095835.D
Acq On : 9 Jun 2017 22:34
Operator : SJ/MA
Sample : I3575-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-060817-C

Quant Time: Jun 10 01:27:19 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	71822	20.00	ng	-0.03
21) Naphthalene-d8	9.40	136	286898	20.00	ng	-0.04
38) Acenaphthene-d10	12.22	164	126463	20.00	ng	-0.04
63) Phenanthrene-d10	14.62	188	196205	20.00	ng	-0.03
75) Chrysene-d12	18.33	240	155377	20.00	ng	-0.02
86) Perylene-d12	20.00	264	129248	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	648115	143.79	ng	-0.02
7) Phenol-d6	6.93	99	800972	148.44	ng	-0.02
23) Nitrobenzene-d5	8.29	82	458095	99.16	ng	-0.03
41) 2,4,6-Tribromophenol	13.52	330	146533	130.96	ng	-0.03
44) 2-Fluorobiphenyl	11.19	172	826593	90.96	ng	-0.03
78) Terphenyl-d14	16.99	244	561759	89.73	ng	-0.02
Target Compounds						
10) Phenol	6.95	94	19223	3.43	ng	# 68
15) Benzyl Alcohol	7.61	79	8231	2.22	ng	# 33
22) Acetophenone	8.02	105	42992	6.40	ng	# 49
32) Benzoic acid	9.38	122	229	5.20	ng	# 1
35) Caprolactam	10.22	113	13535	11.78	ng	# 35
49) Dimethylphthalate	11.87	163	112449	11.71	ng	99
55) 4-Nitrophenol	12.66	139	659	5.06	ng	# 1

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

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HR-06-060817-C

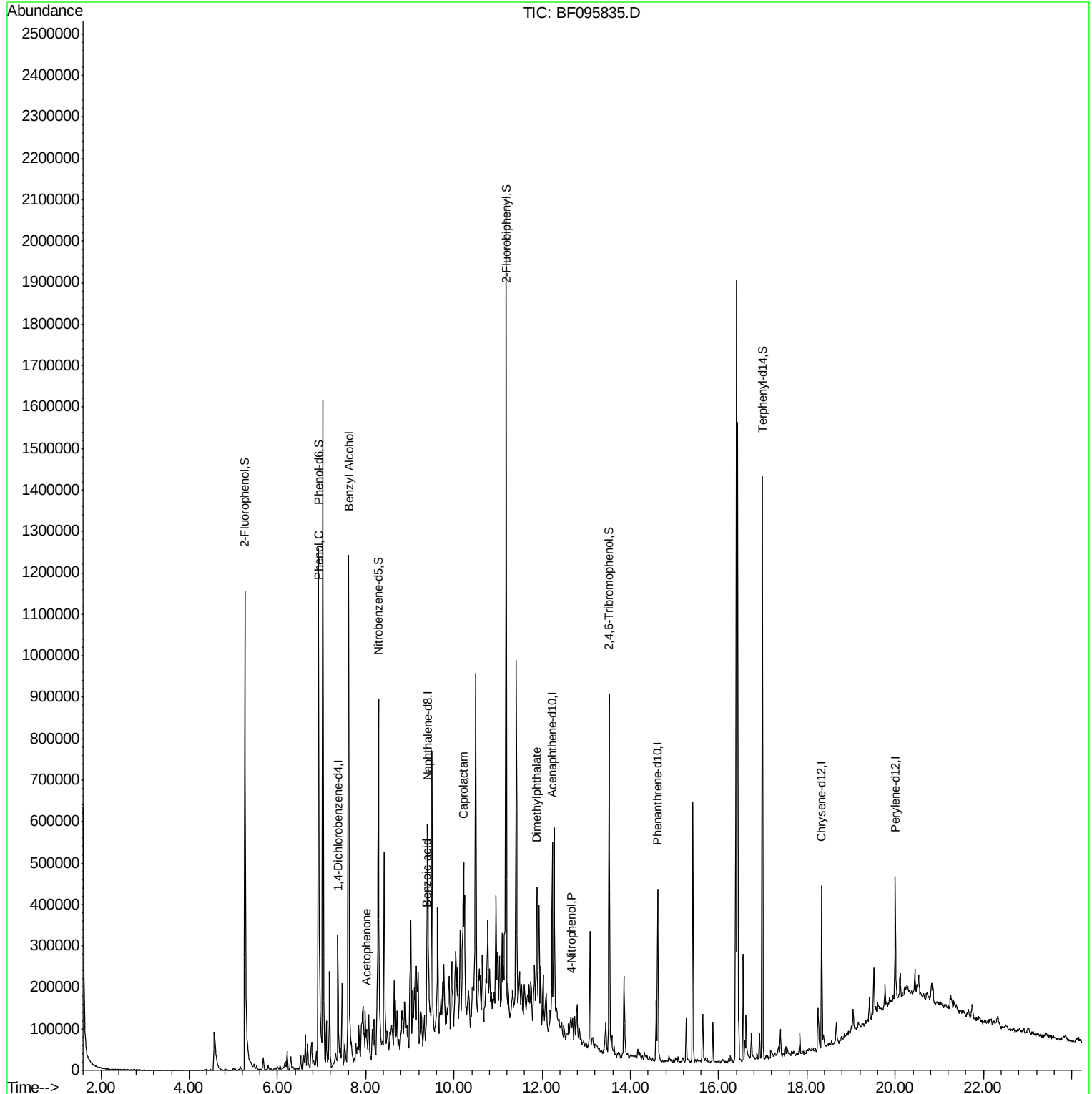
Quant Time: Jun 10 01:27:19 2017

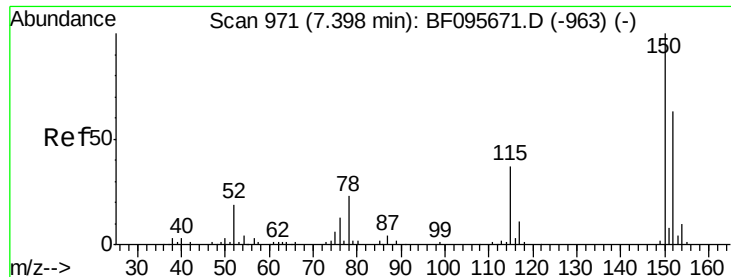
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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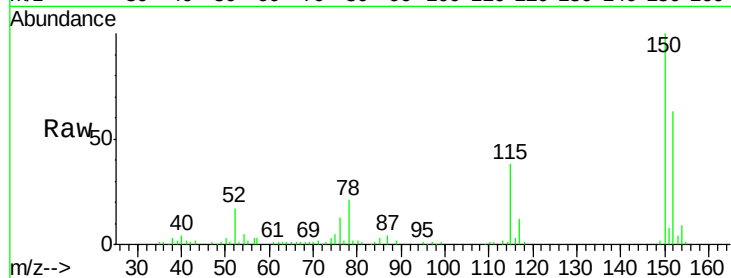


#1

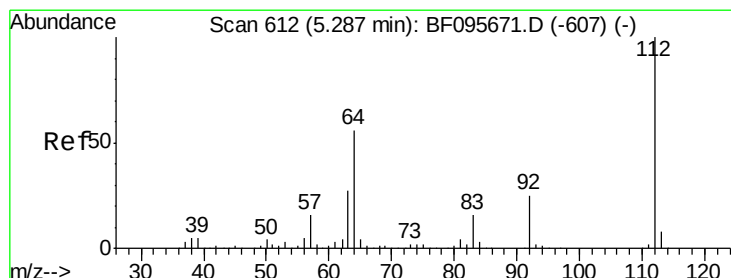
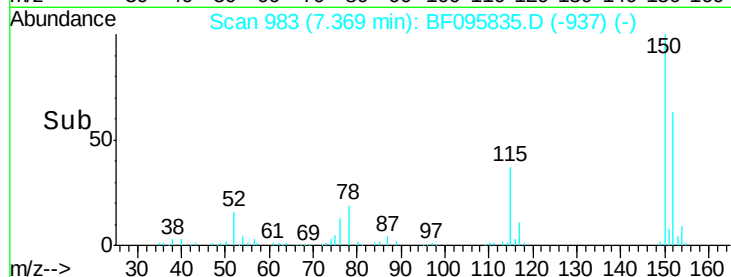
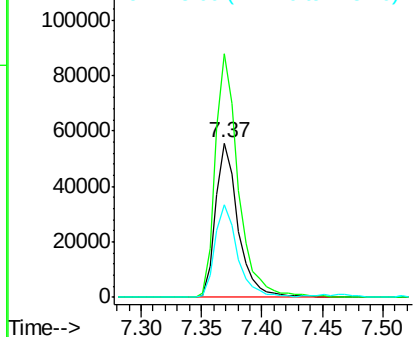
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 983
Delta R.T. -0.03 min
Lab File: BF095835.D
Acq: 9 Jun 2017 22:34

Instrument :
BNA_F
ClientSampleId :
HR-06-060817-C

Tgt Ion:152 Resp: 71822
Ion Ratio Lower Upper
152 100
150 158.0 126.2 189.2
115 59.9 52.2 78.2



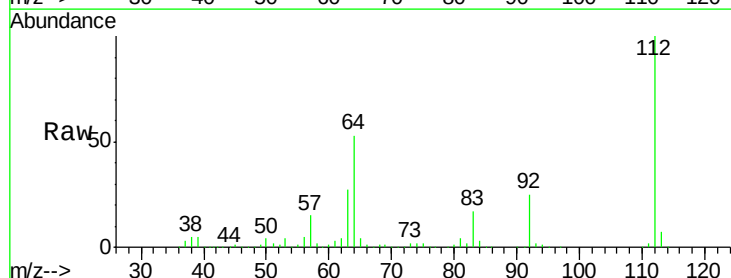
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



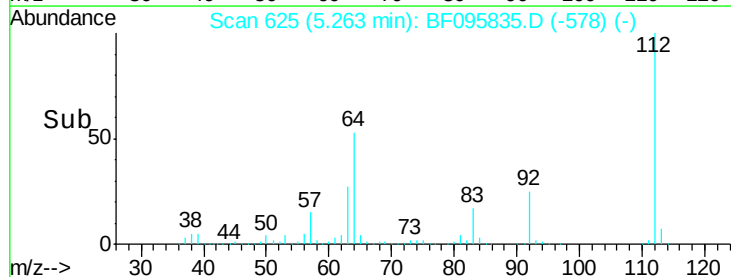
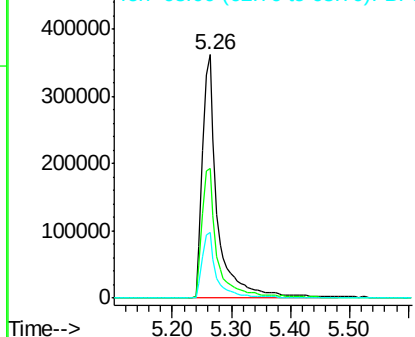
#5

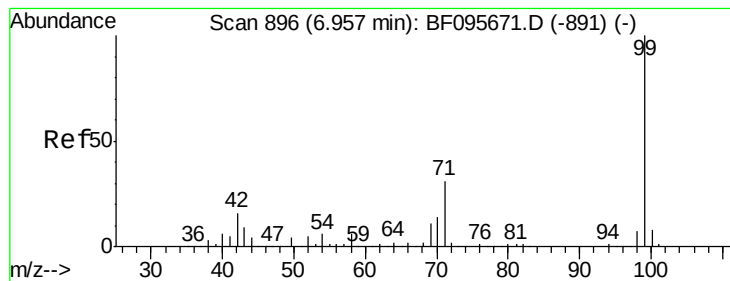
2-Fluorophenol
Concen: 143.79 ng
RT: 5.26 min Scan# 625
Delta R.T. -0.02 min
Lab File: BF095835.D
Acq: 9 Jun 2017 22:34

Tgt Ion:112 Resp: 648115
Ion Ratio Lower Upper
112 100
64 53.3 46.0 69.0
63 26.8 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: 148.44 ng

RT: 6.93 min Scan# 909

Delta R.T. -0.02 min

Lab File: BF095835.D

Acq: 9 Jun 2017 22:34

Instrument :

BNA_F

ClientSampleId :

HR-06-060817-C

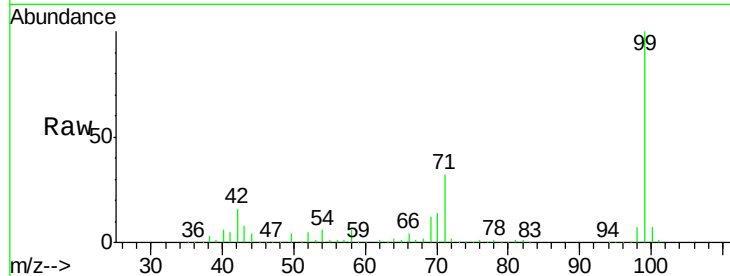
Tgt Ion: 99 Resp: 800972

Ion Ratio Lower Upper

99 100

42 16.1 13.5 20.3

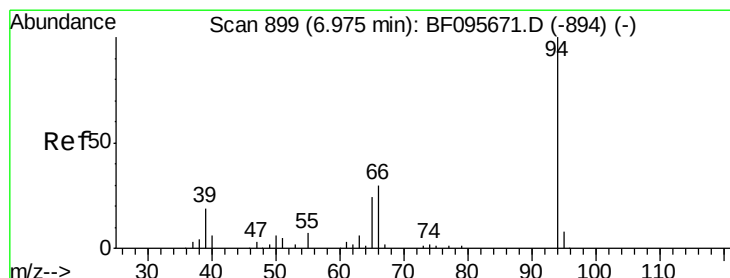
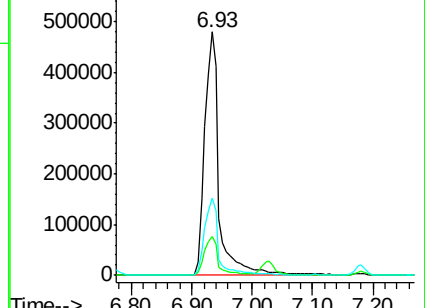
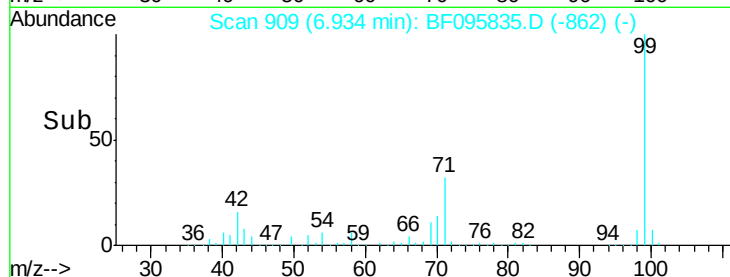
71 31.7 24.5 36.7



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: 3.43 ng

RT: 6.95 min Scan# 911

Delta R.T. -0.03 min

Lab File: BF095835.D

Acq: 9 Jun 2017 22:34

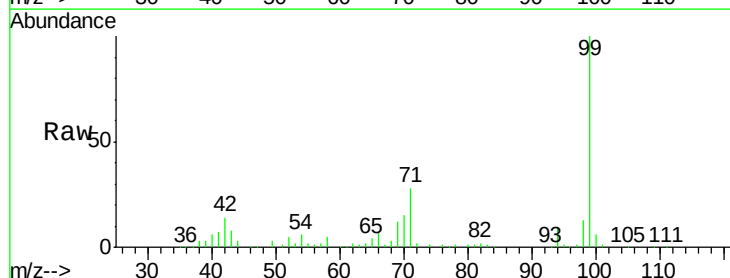
Tgt Ion: 94 Resp: 19223

Ion Ratio Lower Upper

94 100

65 35.6 9.9 49.9

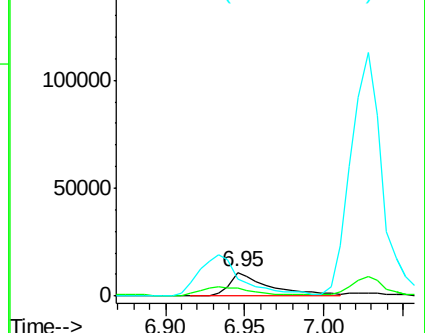
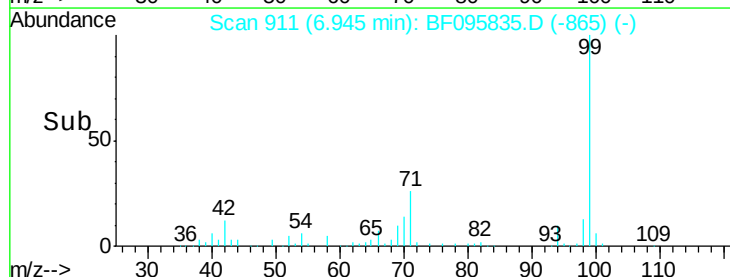
66 73.1 23.1 63.1#

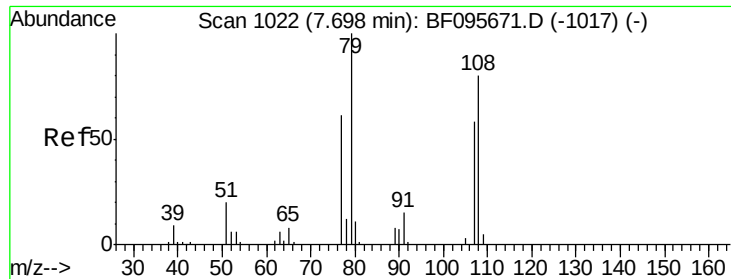


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

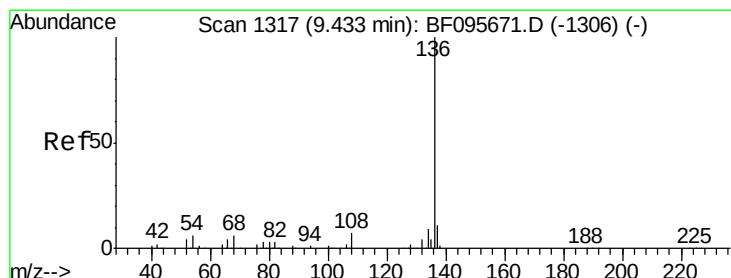
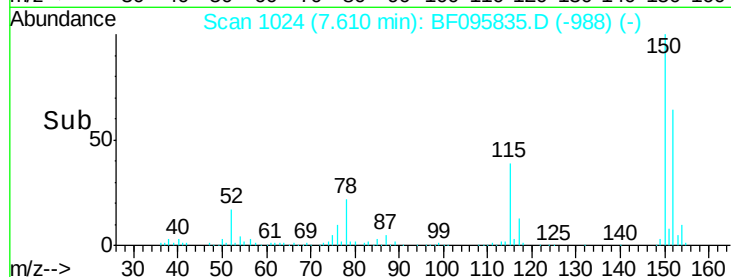
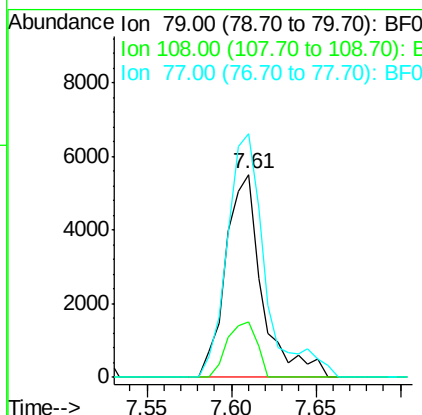
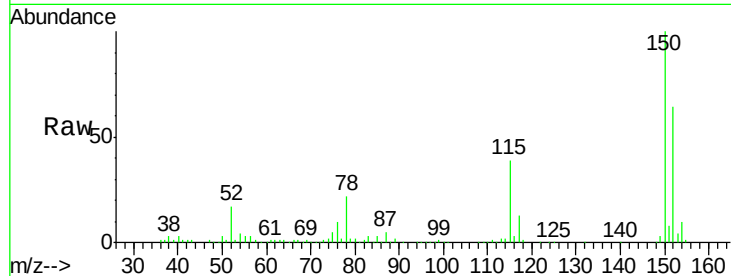




#15
Benzyl Alcohol
Concen: 2.22 ng
RT: 7.61 min Scan# 1024
Delta R.T. -0.09 min
Lab File: BF095835.D
Acq: 9 Jun 2017 22:34

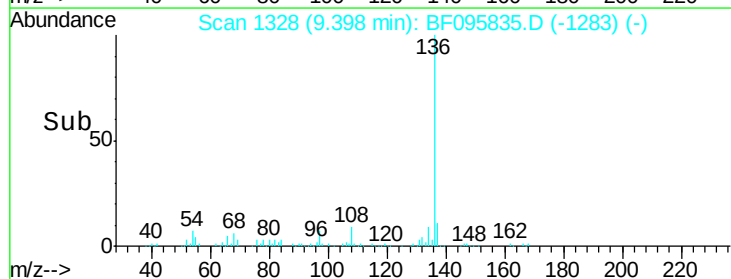
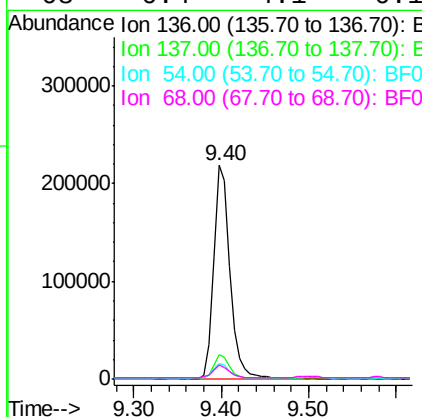
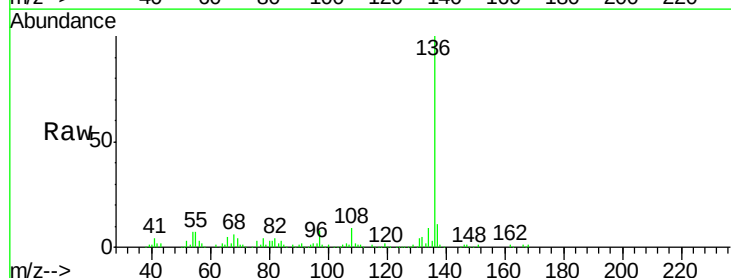
Instrument :
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HR-06-060817-C

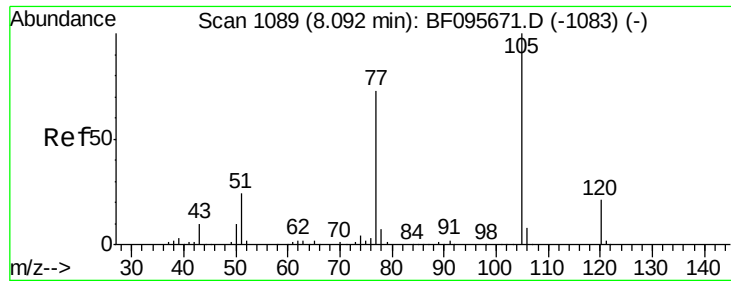
Tgt Ion: 79 Resp: 8231
Ion Ratio Lower Upper
79 100
108 27.2 63.4 95.0#
77 120.1 49.2 73.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.40 min Scan# 1328
Delta R.T. -0.04 min
Lab File: BF095835.D
Acq: 9 Jun 2017 22:34

Tgt Ion: 136 Resp: 286898
Ion Ratio Lower Upper
136 100
137 11.3 8.5 12.7
54 7.4 4.9 7.3#
68 6.4 4.1 6.1#

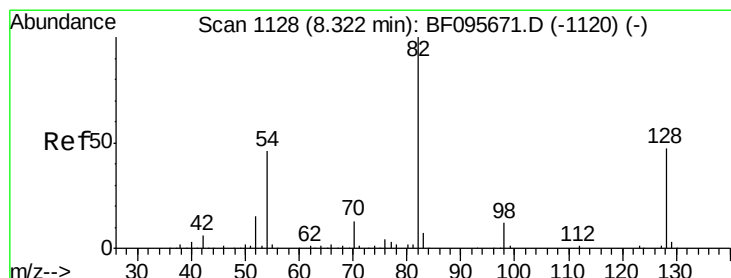
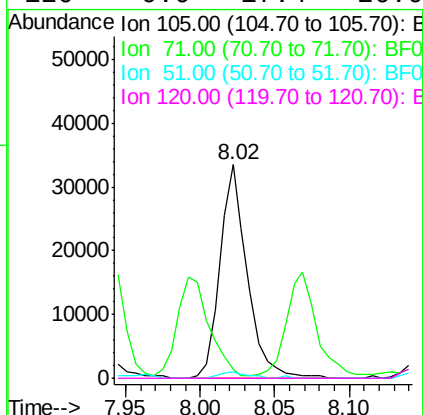
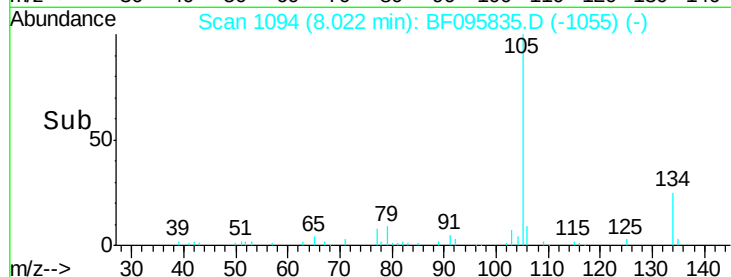
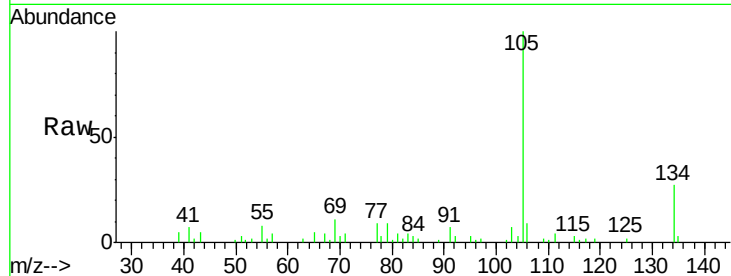




#22
 Acetophenone
 Concen: 6.40 ng
 RT: 8.02 min Scan# 1094
 Delta R.T. -0.07 min
 Lab File: BF095835.D
 Acq: 9 Jun 2017 22:34

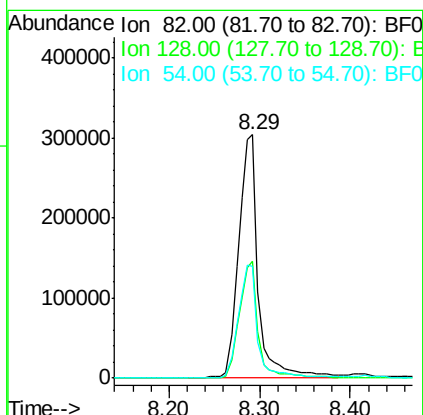
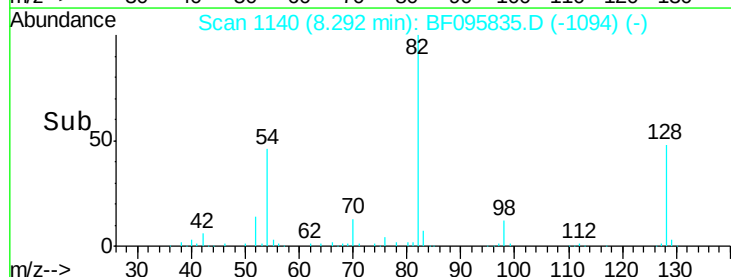
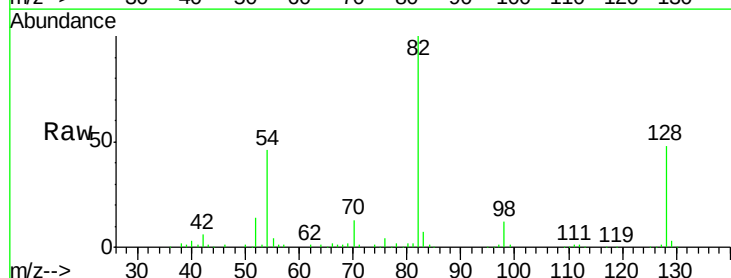
Instrument :
 BNA_F
 ClientSampleId :
 HR-06-060817-C

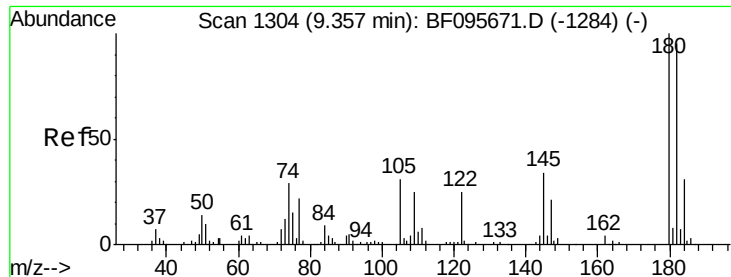
Tgt Ion:	105	Resp:	42992
Ion Ratio	Lower	Upper	
105	100		
71	4.3	2.8	4.2#
51	2.8	30.7	46.1#
120	0.0	17.4	26.0#



#23
 Nitrobenzene-d5
 Concen: 99.16 ng
 RT: 8.29 min Scan# 1140
 Delta R.T. -0.03 min
 Lab File: BF095835.D
 Acq: 9 Jun 2017 22:34

Tgt Ion:	82	Resp:	458095
Ion Ratio	Lower	Upper	
82	100		
128	48.1	34.0	51.0
54	45.9	42.2	63.2





#32

Benzoic acid

Concen: 5.20 ng

RT: 9.38 min Scan# 1325

Delta R.T. 0.02 min

Lab File: BF095835.D

Acq: 9 Jun 2017 22:34

Instrument :

BNA_F

ClientSampleId :

HR-06-060817-C

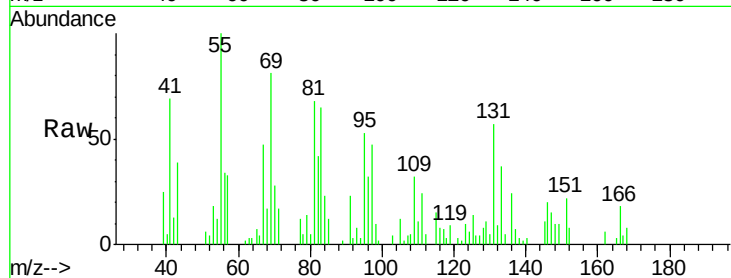
Tgt Ion:122 Resp: 229

Ion Ratio Lower Upper

122 100

105 526.6 103.3 143.3#

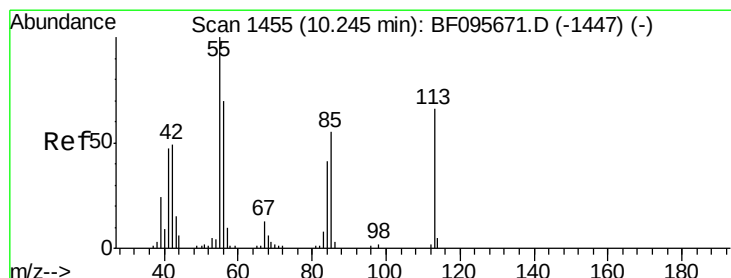
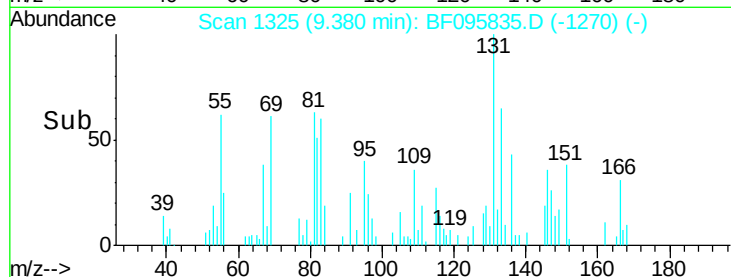
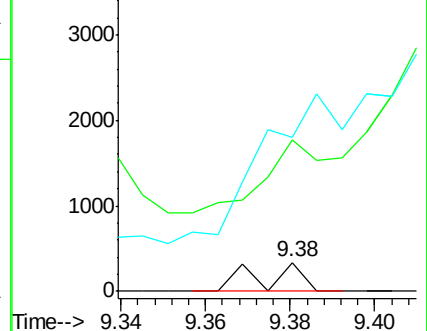
77 538.2 73.7 113.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#35

Caprolactam

Concen: 11.78 ng

RT: 10.22 min Scan# 1467

Delta R.T. -0.03 min

Lab File: BF095835.D

Acq: 9 Jun 2017 22:34

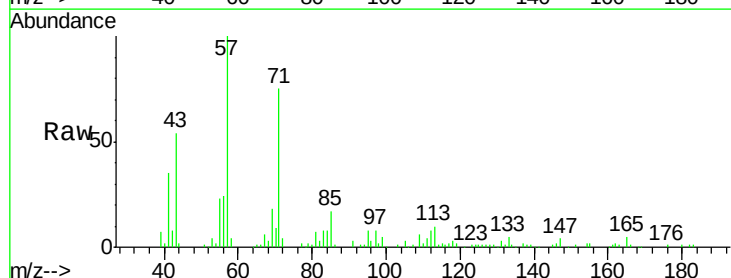
Tgt Ion:113 Resp: 13535

Ion Ratio Lower Upper

113 100

55 226.2 150.2 190.2#

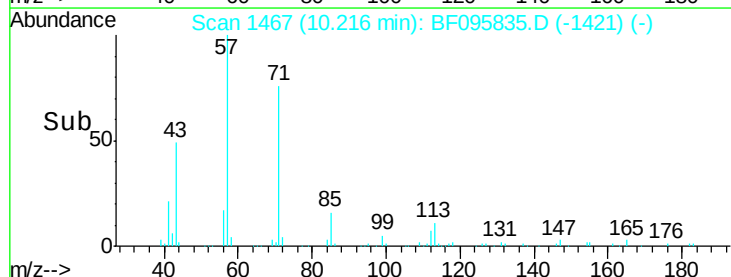
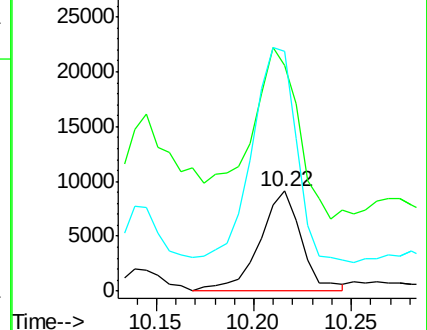
56 239.3 107.8 147.8#

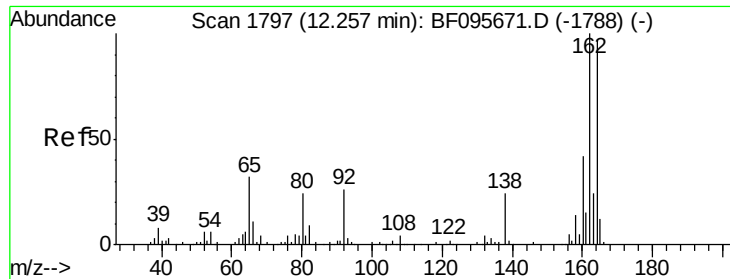


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.22 min Scan# 1808

Delta R.T. -0.04 min

Lab File: BF095835.D

Acq: 9 Jun 2017 22:34

Instrument :

BNA_F

ClientSampleId :

HR-06-060817-C

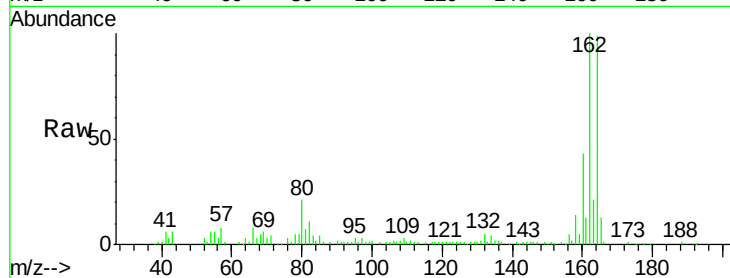
Tgt Ion:164 Resp: 126463

Ion Ratio Lower Upper

164 100

162 101.0 82.6 123.8

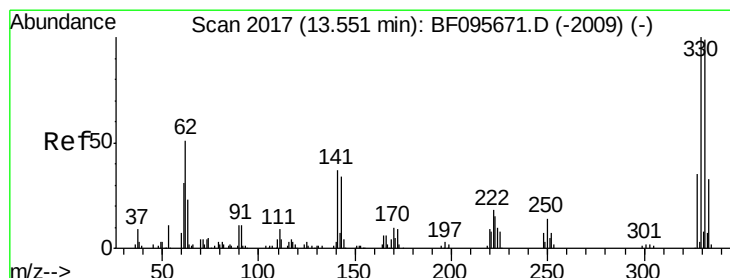
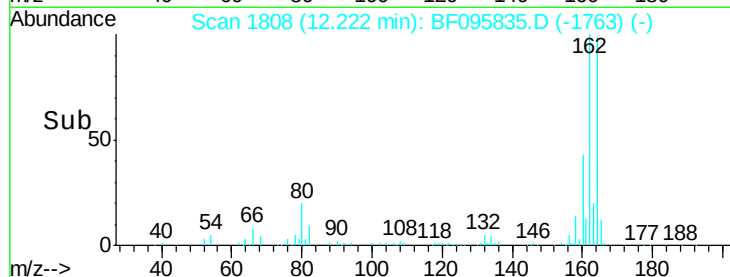
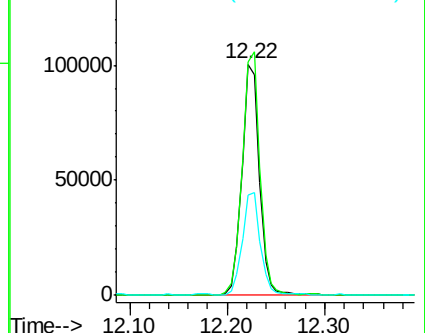
160 43.4 36.2 54.2



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: 130.96 ng

RT: 13.52 min Scan# 2029

Delta R.T. -0.03 min

Lab File: BF095835.D

Acq: 9 Jun 2017 22:34

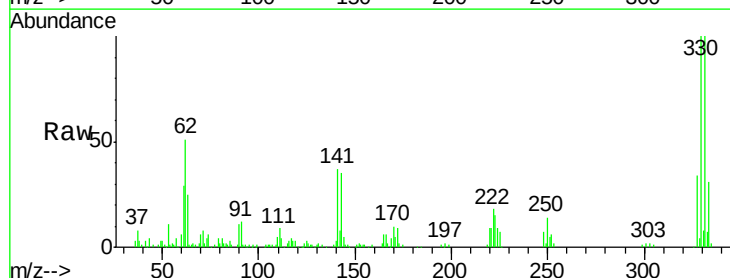
Tgt Ion:330 Resp: 146533

Ion Ratio Lower Upper

330 100

332 96.8 76.6 115.0

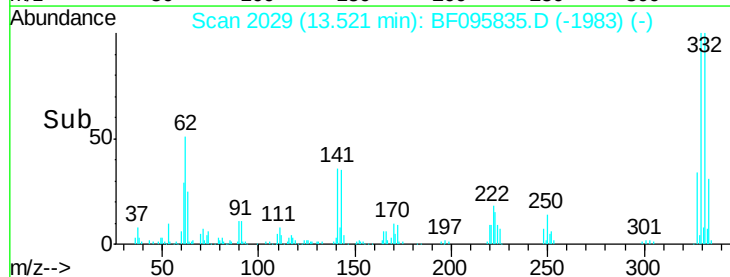
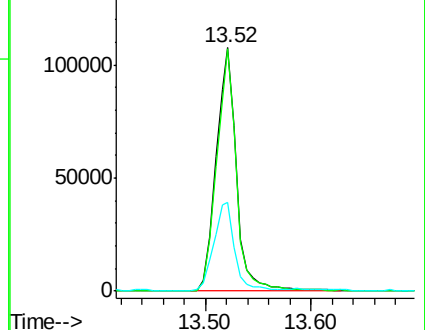
141 37.8 31.4 47.2

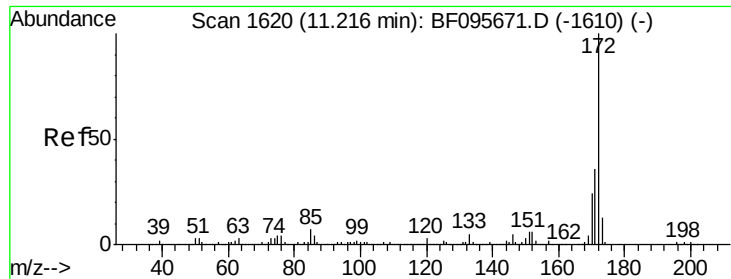


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

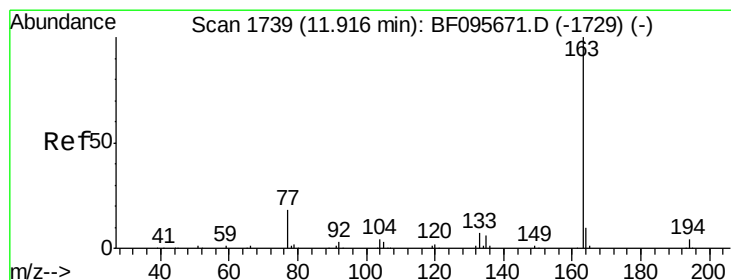
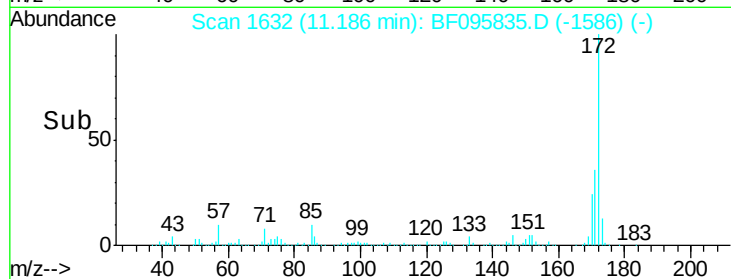
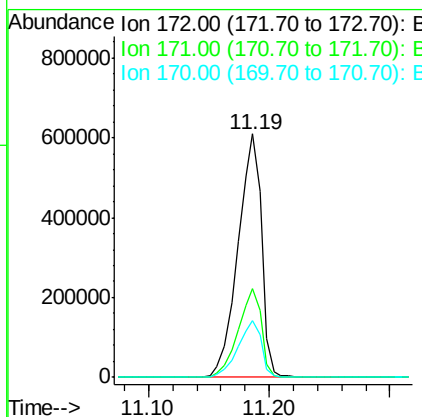
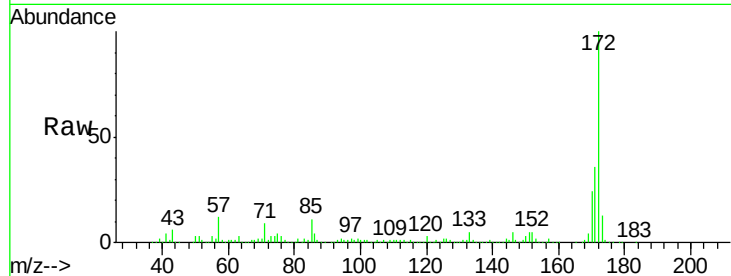




#44
 2-Fluorobiphenyl
 Concen: 90.96 ng
 RT: 11.19 min Scan# 1632
 Delta R.T. -0.03 min
 Lab File: BF095835.D
 Acq: 9 Jun 2017 22:34

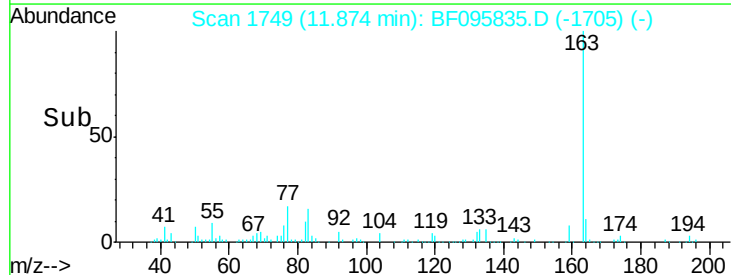
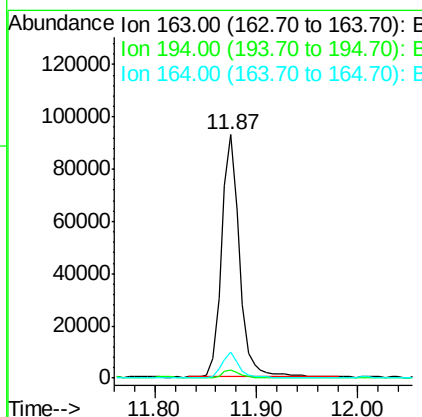
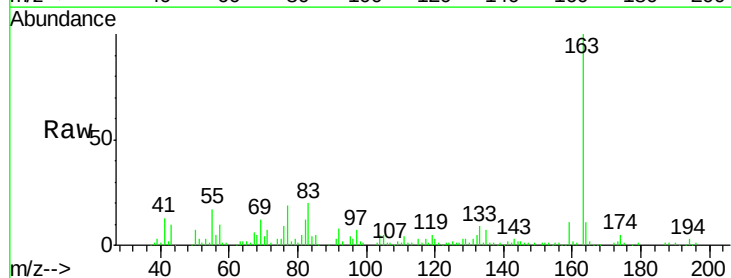
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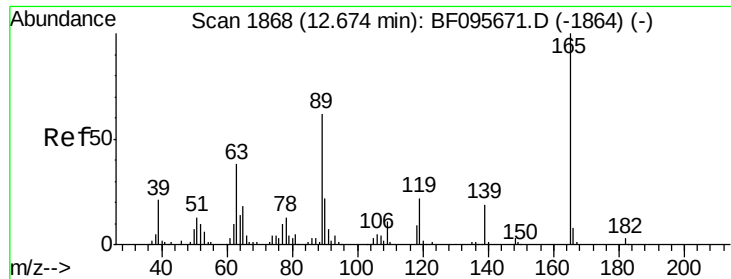
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	23.5	19.8	29.8



#49
 Dimethylphthalate
 Concen: 11.71 ng
 RT: 11.87 min Scan# 1749
 Delta R.T. -0.04 min
 Lab File: BF095835.D
 Acq: 9 Jun 2017 22:34

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.8	8.4	12.6

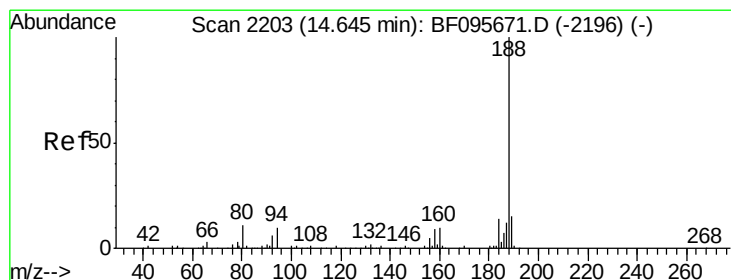
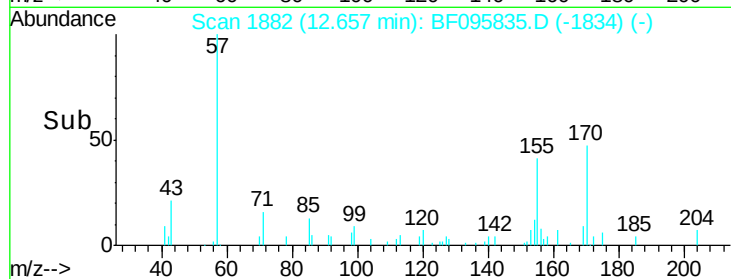
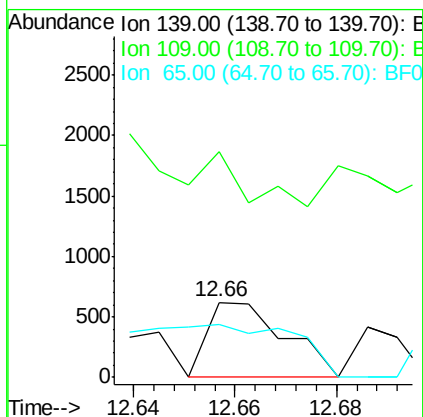
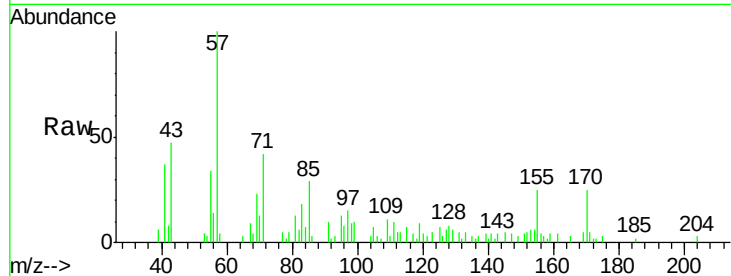




#55
4-Nitrophenol
Concen: 5.06 ng
RT: 12.66 min Scan# 1882
Delta R.T. -0.02 min
Lab File: BF095835.D
Acq: 9 Jun 2017 22:34

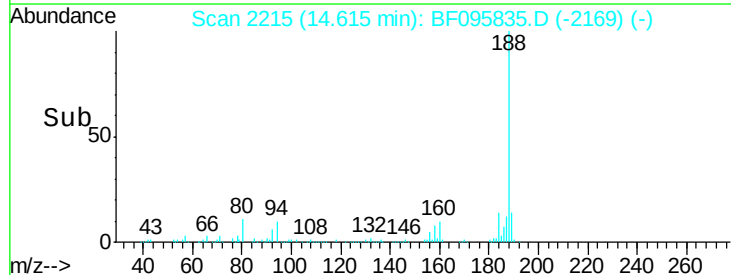
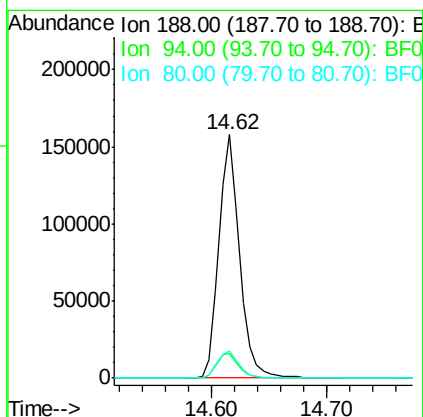
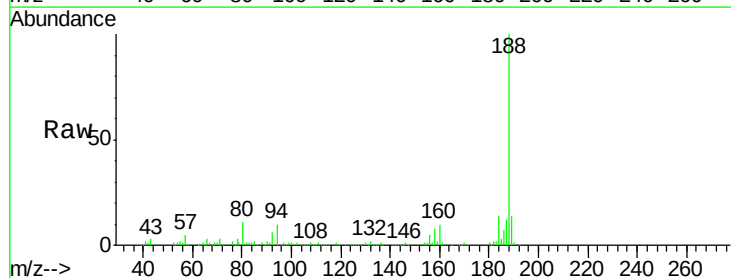
Instrument :
BNA_F
ClientSampleId :
HR-06-060817-C

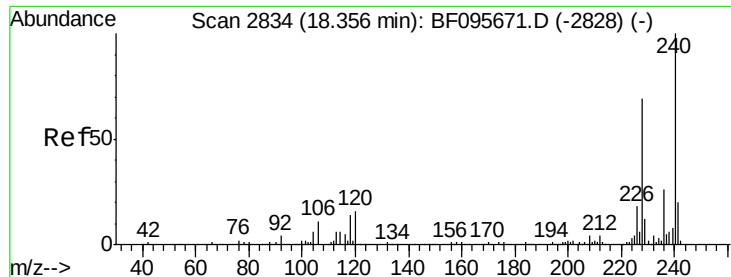
Tgt Ion:139 Resp: 659
Ion Ratio Lower Upper
139 100
109 299.0 34.1 74.1#
65 70.6 31.4 71.4



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.62 min Scan# 2215
Delta R.T. -0.03 min
Lab File: BF095835.D
Acq: 9 Jun 2017 22:34

Tgt Ion:188 Resp: 196205
Ion Ratio Lower Upper
188 100
94 10.3 9.4 14.2
80 11.5 10.2 15.2

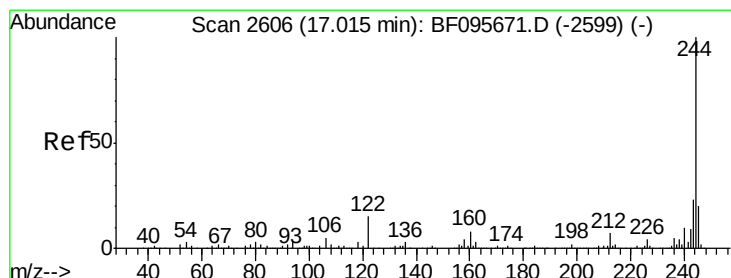
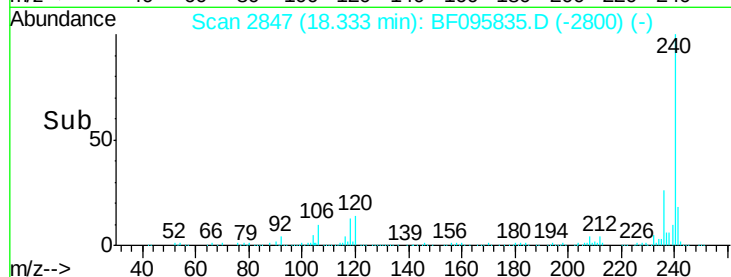
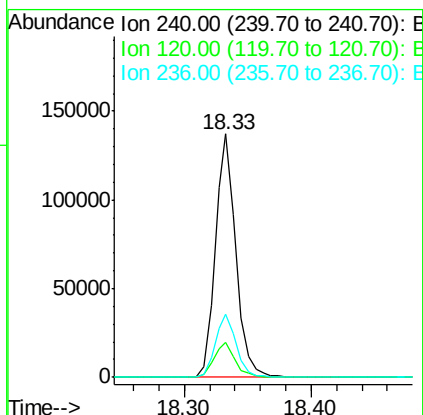
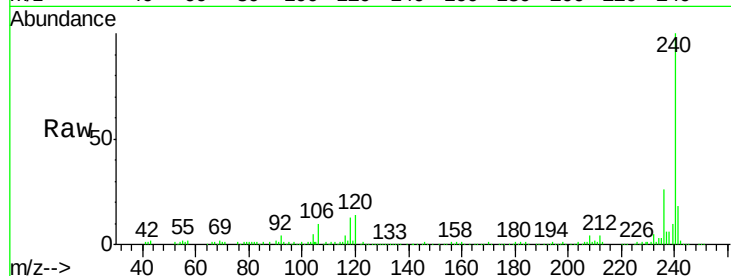




#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.33 min Scan# 2847
Delta R.T. -0.02 min
Lab File: BF095835.D
Acq: 9 Jun 2017 22:34

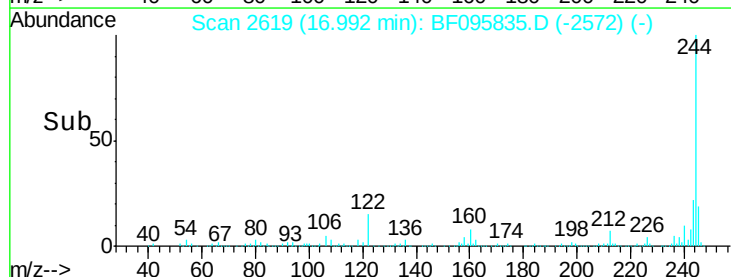
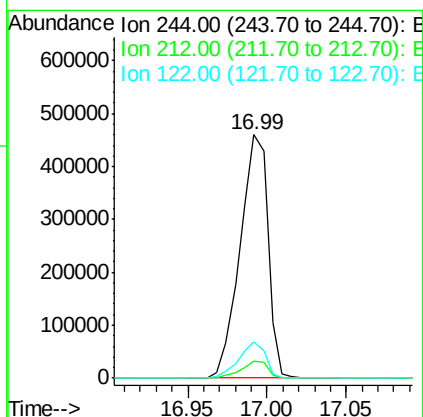
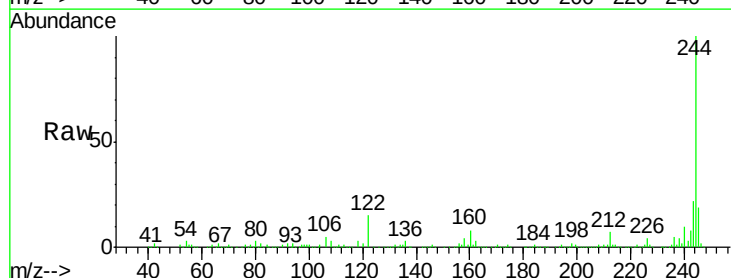
Instrument :
BNA_F
ClientSampleId :
HR-06-060817-C

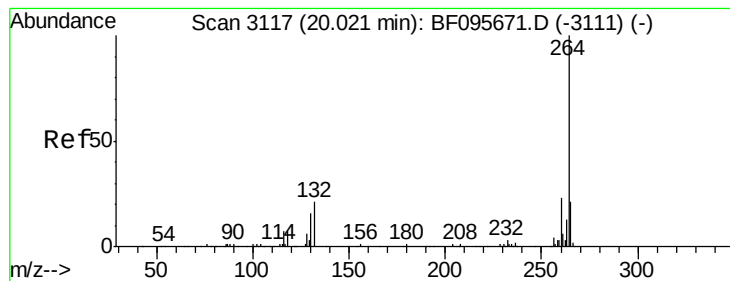
Tgt Ion:240 Resp: 155377
Ion Ratio Lower Upper
240 100
120 14.3 5.8 8.8#
236 26.1 20.5 30.7



#78
Terphenyl-d14
Concen: 89.73 ng
RT: 16.99 min Scan# 2619
Delta R.T. -0.02 min
Lab File: BF095835.D
Acq: 9 Jun 2017 22:34

Tgt Ion:244 Resp: 561759
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 15.0 10.3 15.5





#86

Perylene-d12

Concen: 20.00 ng

RT: 20.00 min Scan# 3131

Delta R.T. -0.02 min

Lab File: BF095835.D

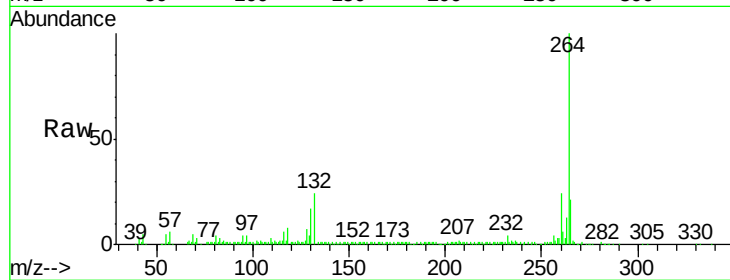
Acq: 9 Jun 2017 22:34

Instrument :

BNA_F

ClientSampleId :

HR-06-060817-C



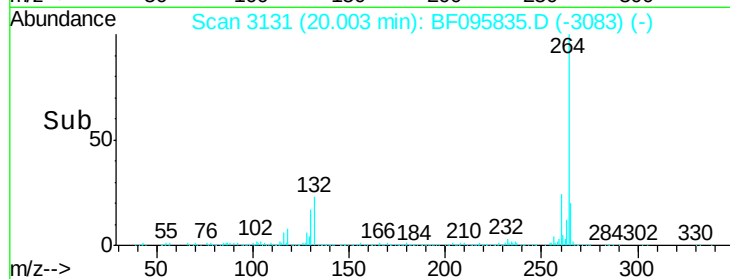
Tgt Ion: 264 Resp: 129248

Ion Ratio Lower Upper

264 100

260 23.9 19.5 29.3

265 20.7 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

