

Data File : BF095838.D
Acq On : 10 Jun 2017 00:11
Operator : SJ/MA
Sample : I3566-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-03-COMP(0-4.0)

Quant Time: Jun 10 03:19:52 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

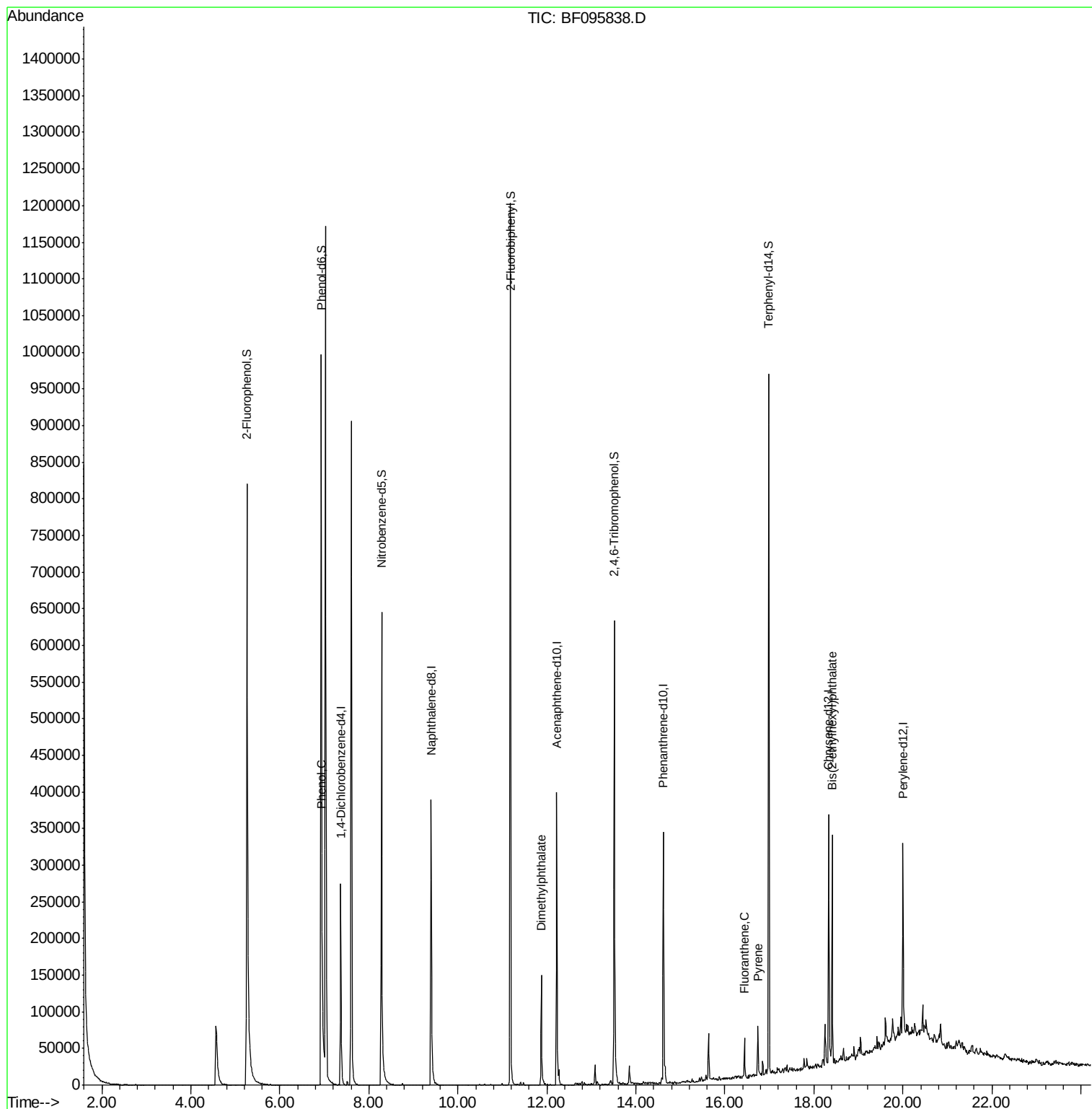
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	66483	20.00	ng	-0.03
21) Naphthalene-d8	9.40	136	271448	20.00	ng	-0.04
38) Acenaphthene-d10	12.22	164	116542	20.00	ng	-0.04
63) Phenanthrene-d10	14.62	188	179186	20.00	ng	-0.03
75) Chrysene-d12	18.33	240	137157	20.00	ng	-0.02
86) Perylene-d12	20.00	264	118946	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	498441	119.47	ng	-0.03
7) Phenol-d6	6.93	99	606842	121.49	ng	-0.03
23) Nitrobenzene-d5	8.29	82	348829	79.81	ng	-0.04
41) 2,4,6-Tribromophenol	13.52	330	108492	105.22	ng	-0.04
44) 2-Fluorobiphenyl	11.18	172	556850	66.49	ng	-0.04
78) Terphenyl-d14	16.99	244	364186	65.90	ng	-0.03
Target Compounds						
10) Phenol	6.95	94	14909	2.88	ng	# 65
49) Dimethylphthalate	11.87	163	100059	11.31	ng	98
74) Fluoranthene	16.44	202	27487	2.69	ng	95
77) Pyrene	16.74	202	24126	2.36	ng	# 94
83) Bis(2-ethylhexyl)phthalate	18.41	149	104057	16.50	ng	# 99

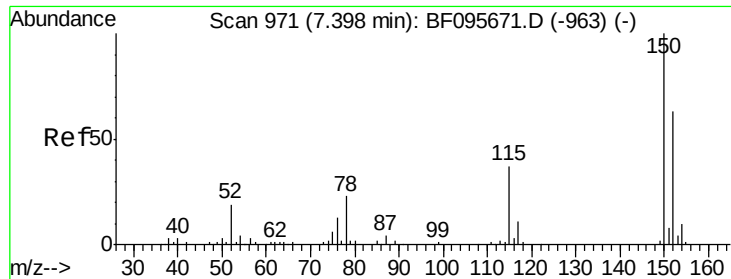
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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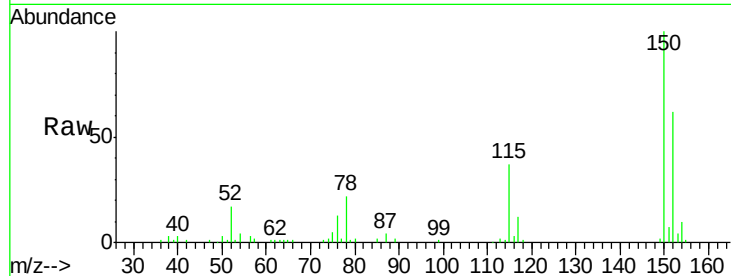


#1

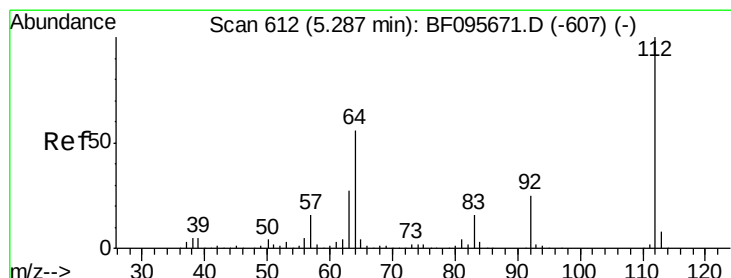
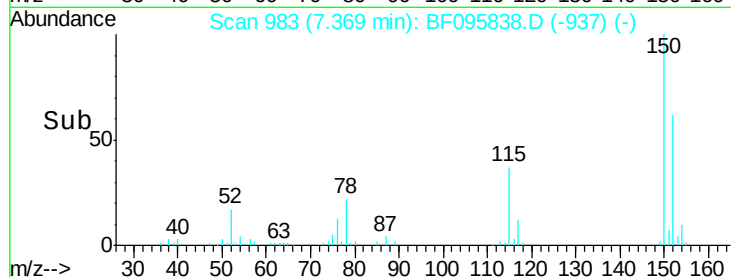
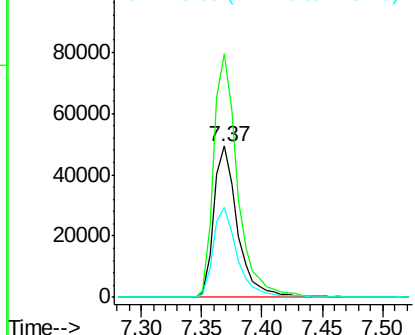
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 983
Delta R.T. -0.03 min
Lab File: BF095838.D
Acq: 10 Jun 2017 00:11

Instrument :
BNA_F
ClientSampleId :
SB-03-COMP(0-4.0)

Tgt Ion:152 Resp: 66483
Ion Ratio Lower Upper
152 100
150 161.3 126.2 189.2
115 59.7 52.2 78.2



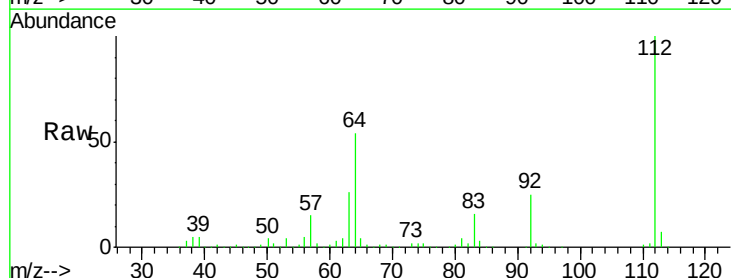
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



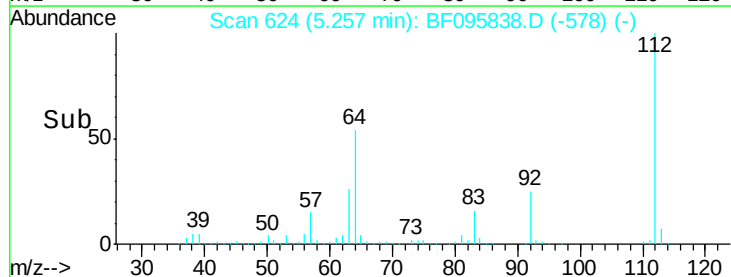
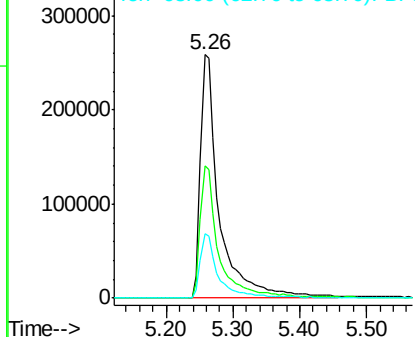
#5

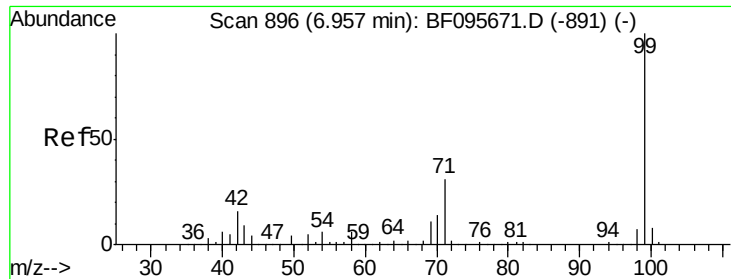
2-Fluorophenol
Concen: 119.47 ng
RT: 5.26 min Scan# 624
Delta R.T. -0.03 min
Lab File: BF095838.D
Acq: 10 Jun 2017 00:11

Tgt Ion:112 Resp: 498441
Ion Ratio Lower Upper
112 100
64 54.4 46.0 69.0
63 26.4 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: 121.49 ng

RT: 6.93 min Scan# 908

Delta R.T. -0.03 min

Lab File: BF095838.D

Acq: 10 Jun 2017 00:11

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP(0-4.0)

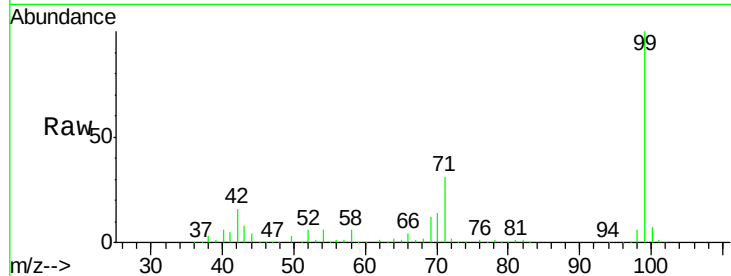
Tgt Ion: 99 Resp: 606842

Ion Ratio Lower Upper

99 100

42 16.4 13.5 20.3

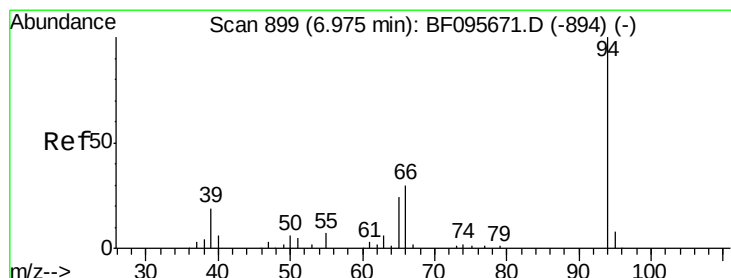
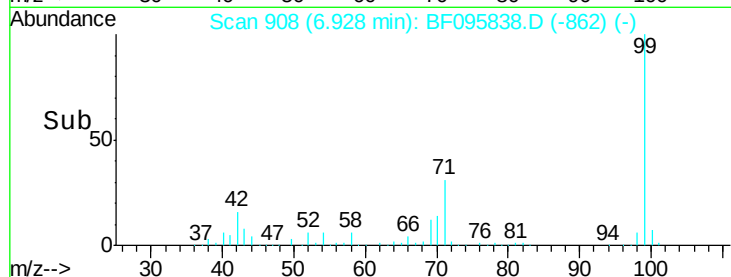
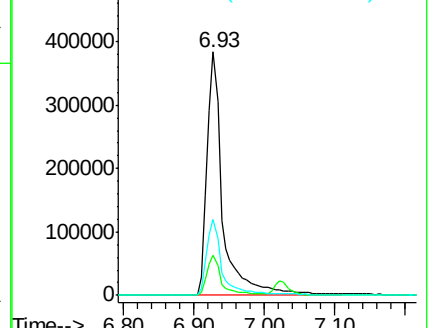
71 31.4 24.5 36.7



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: 2.88 ng

RT: 6.95 min Scan# 911

Delta R.T. -0.03 min

Lab File: BF095838.D

Acq: 10 Jun 2017 00:11

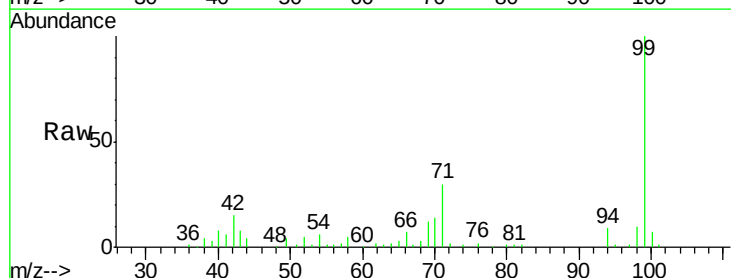
Tgt Ion: 94 Resp: 14909

Ion Ratio Lower Upper

94 100

65 32.7 9.9 49.9

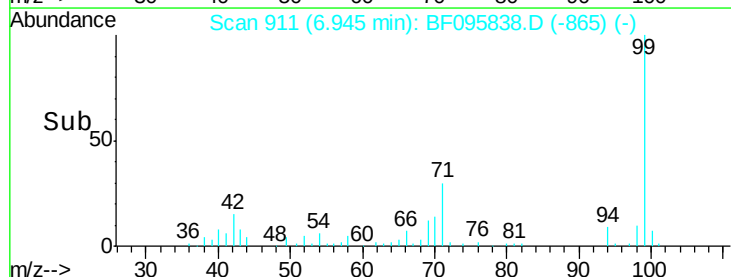
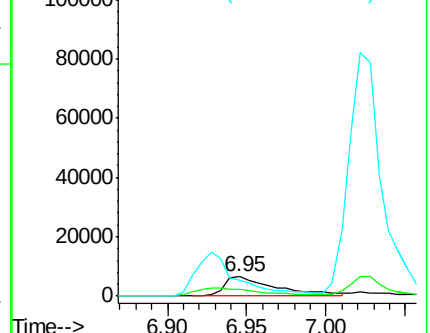
66 79.0 23.1 63.1#

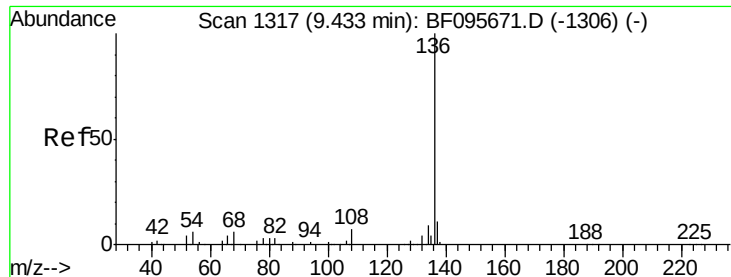


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

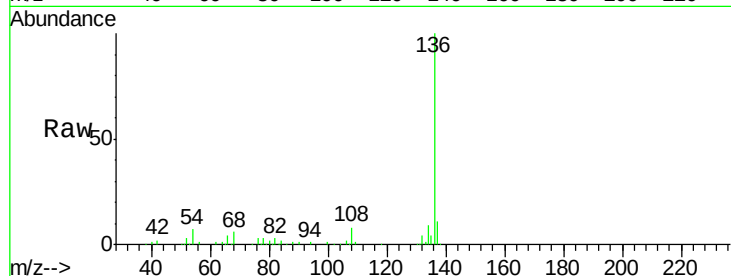




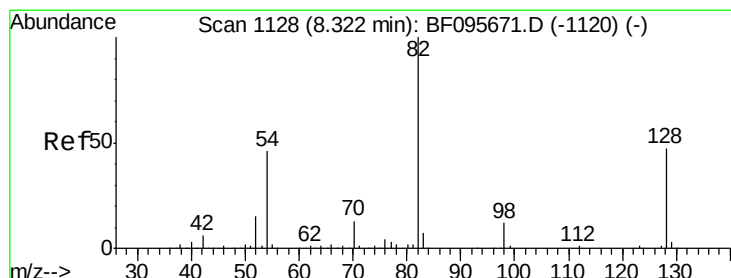
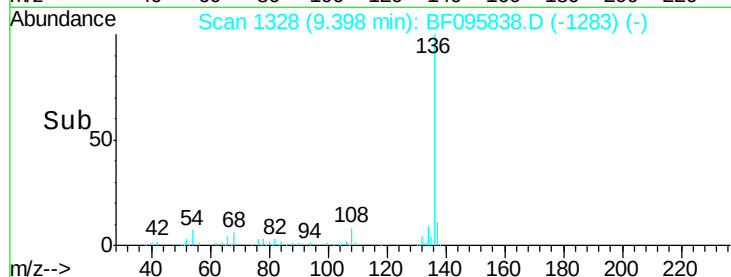
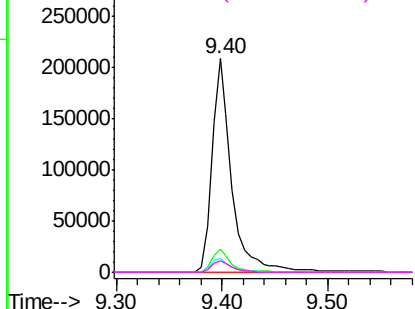
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.40 min Scan# 1328
Delta R.T. -0.04 min
Lab File: BF095838.D
Acq: 10 Jun 2017 00:11

Instrument :
BNA_F
ClientSampleId :
SB-03-COMP(0-4.0)

Tgt Ion:	136	Resp:	271448
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	6.6	4.9	7.3
68	5.7	4.1	6.1

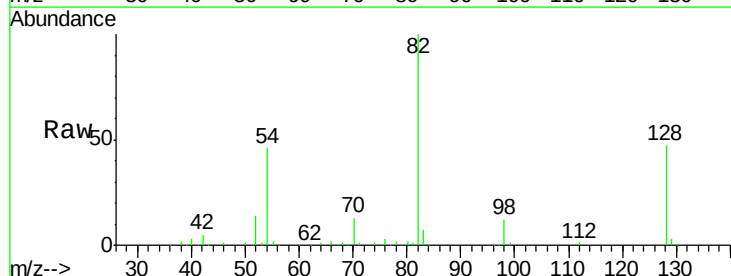


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

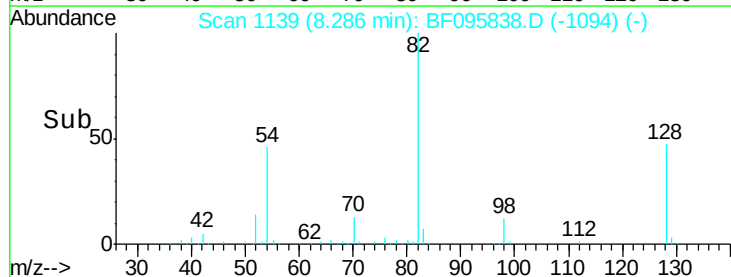
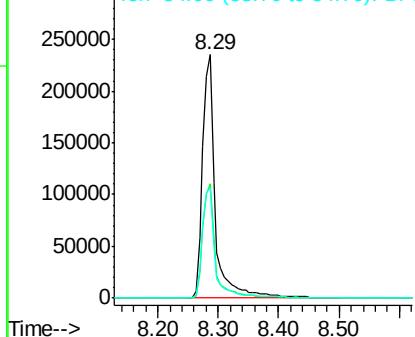


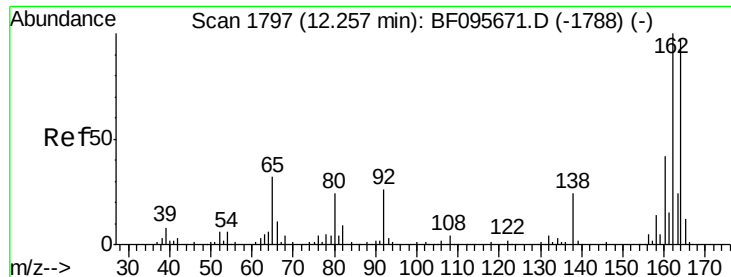
#23
Nitrobenzene-d5
Concen: 79.81 ng
RT: 8.29 min Scan# 1139
Delta R.T. -0.04 min
Lab File: BF095838.D
Acq: 10 Jun 2017 00:11

Tgt Ion:	82	Resp:	348829
Ion	Ratio	Lower	Upper
82	100		
128	47.0	34.0	51.0
54	45.5	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: BF095838.D

Acq: 10 Jun 2017 00:11

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP(0-4.0)

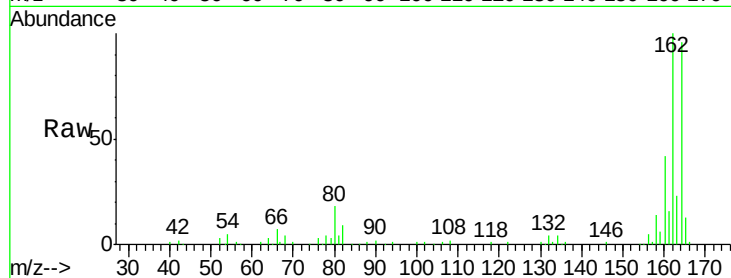
Tgt Ion:164 Resp: 116542

Ion Ratio Lower Upper

164 100

162 103.9 82.6 123.8

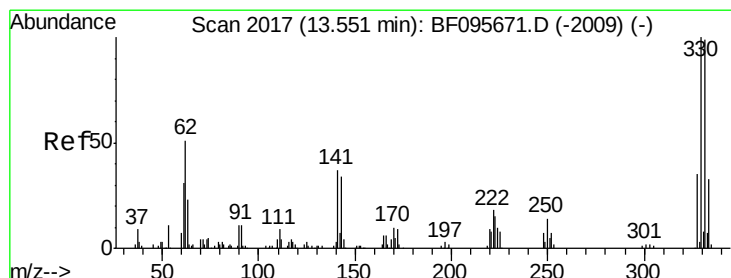
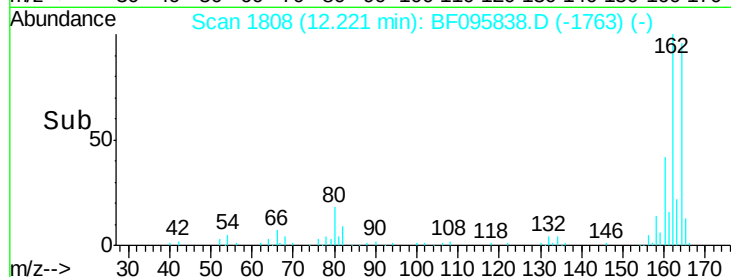
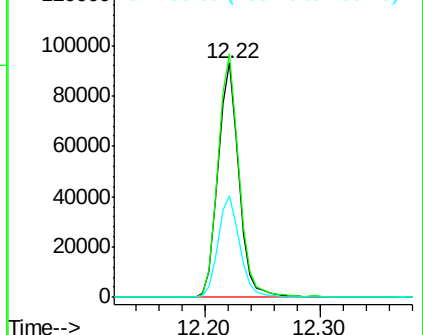
160 43.3 36.2 54.2



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: 105.22 ng

RT: 13.52 min Scan# 2028

Delta R.T. -0.04 min

Lab File: BF095838.D

Acq: 10 Jun 2017 00:11

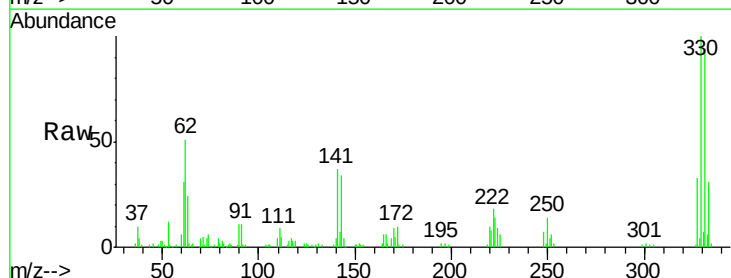
Tgt Ion:330 Resp: 108492

Ion Ratio Lower Upper

330 100

332 96.4 76.6 115.0

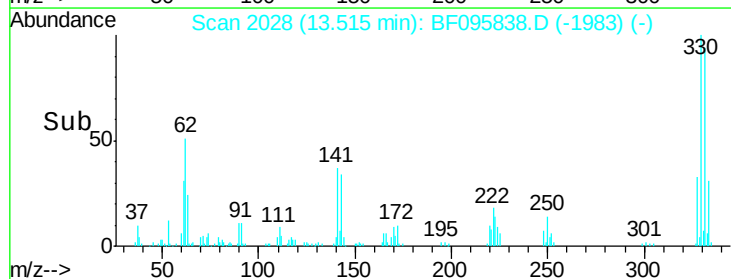
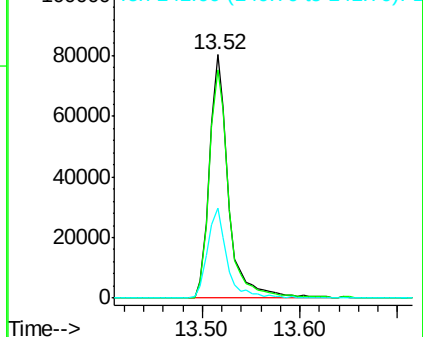
141 37.9 31.4 47.2

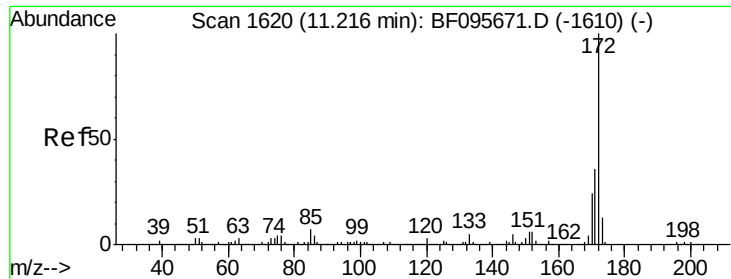


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

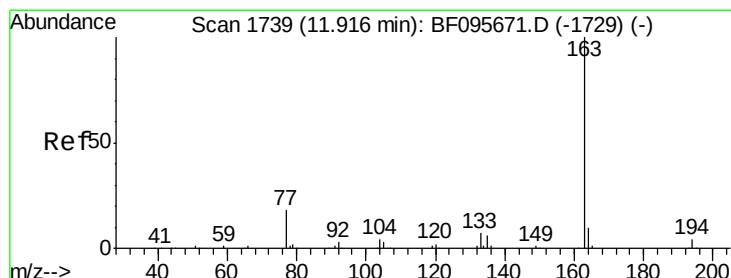
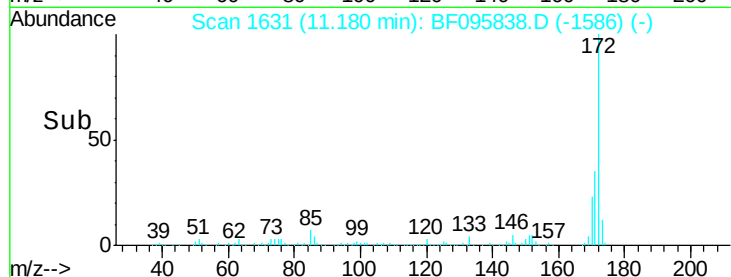
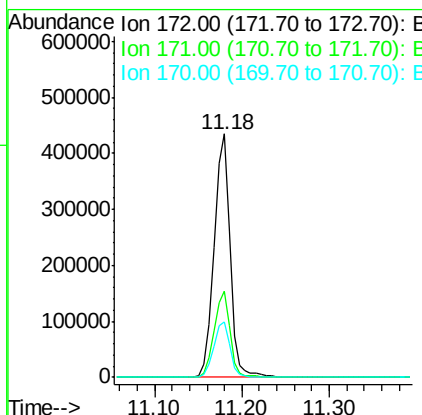
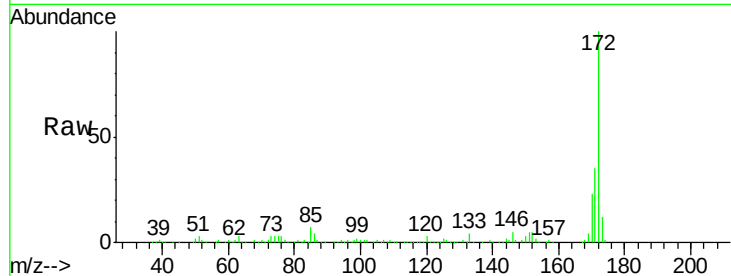




#44
2-Fluorobiphenyl
Concen: 66.49 ng
RT: 11.18 min Scan# 1631
Delta R.T. -0.04 min
Lab File: BF095838.D
Acq: 10 Jun 2017 00:11

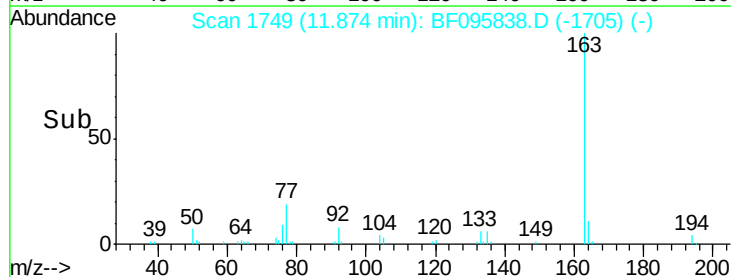
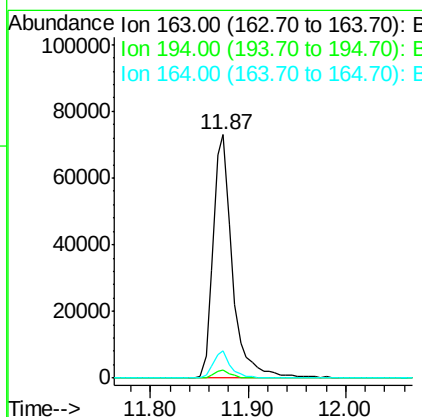
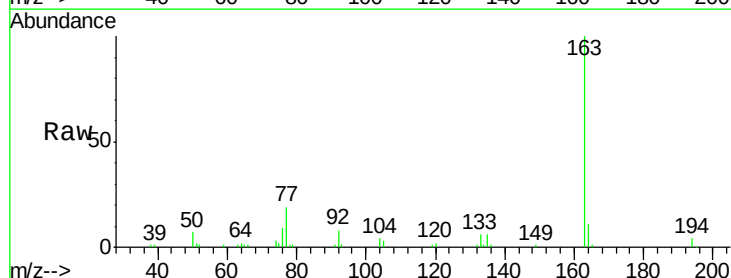
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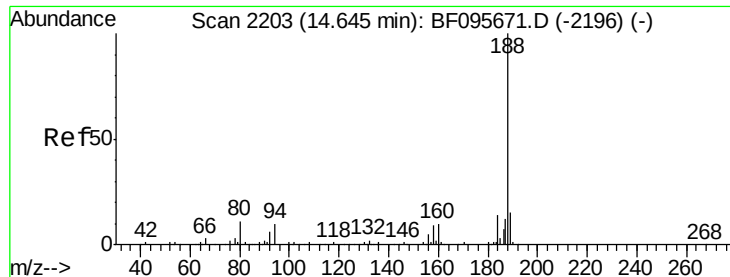
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	22.7	19.8	29.8



#49
Dimethylphthalate
Concen: 11.31 ng
RT: 11.87 min Scan# 1749
Delta R.T. -0.04 min
Lab File: BF095838.D
Acq: 10 Jun 2017 00:11

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	11.5	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: BF095838.D

Acq: 10 Jun 2017 00:11

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP(0-4.0)

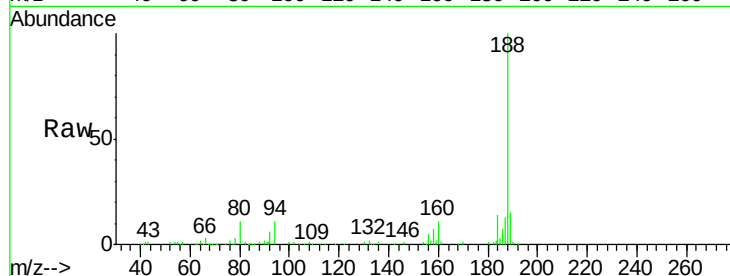
Tgt Ion:188 Resp: 179186

Ion Ratio Lower Upper

188 100

94 11.1 9.4 14.2

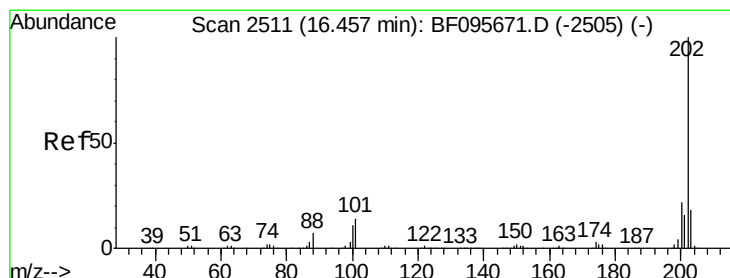
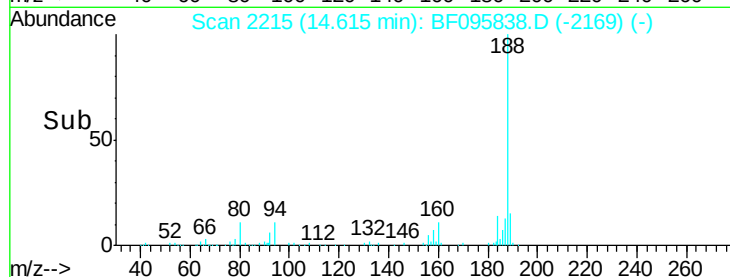
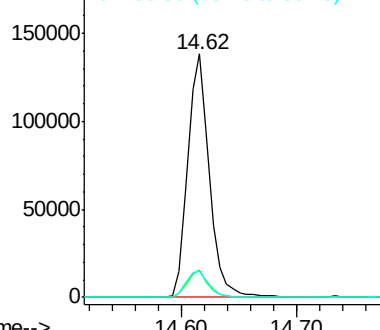
80 10.6 10.2 15.2



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



#74

Fluoranthene

Concen: 2.69 ng

RT: 16.44 min Scan# 2525

Delta R.T. -0.02 min

Lab File: BF095838.D

Acq: 10 Jun 2017 00:11

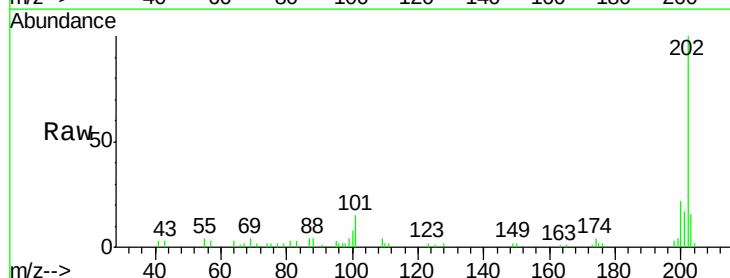
Tgt Ion:202 Resp: 27487

Ion Ratio Lower Upper

202 100

101 15.0 0.0 33.2

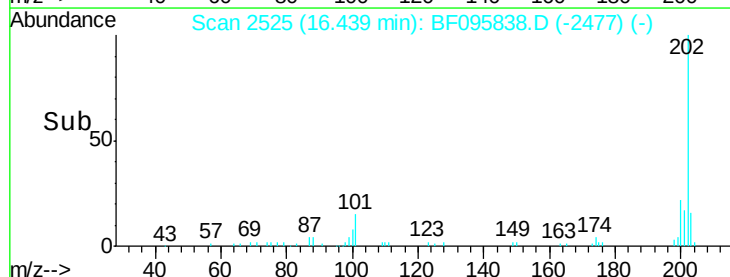
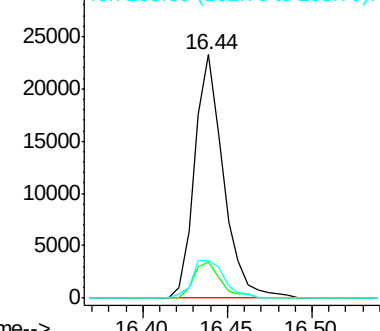
203 15.5 0.0 38.1

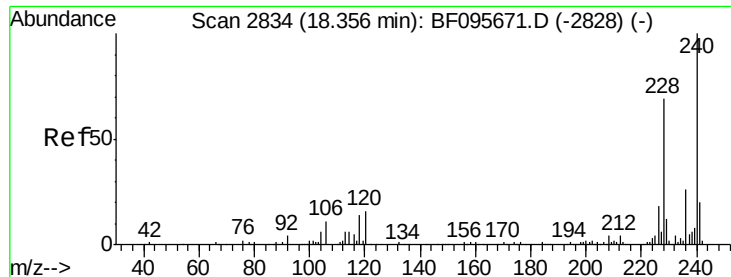


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.33 min Scan# 2847

Delta R.T. -0.02 min

Lab File: BF095838.D

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Instrument :

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SB-03-COMP(0-4.0)

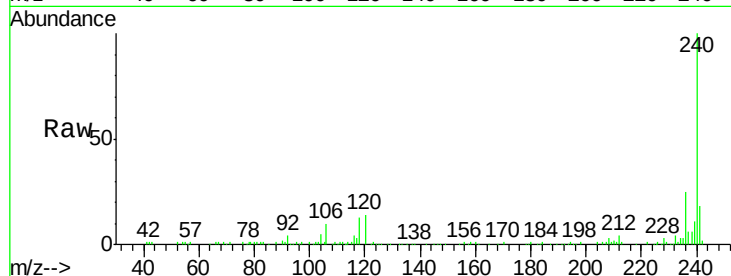
Tgt Ion:240 Resp: 137157

Ion Ratio Lower Upper

240 100

120 13.9 5.8 8.8#

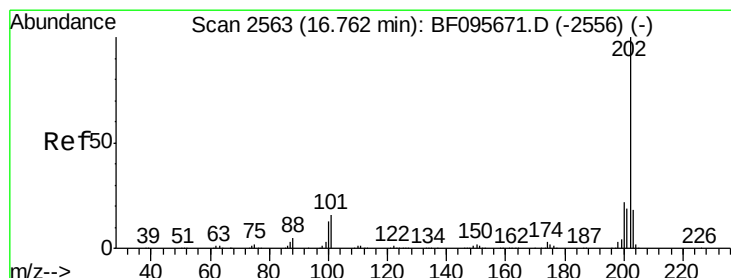
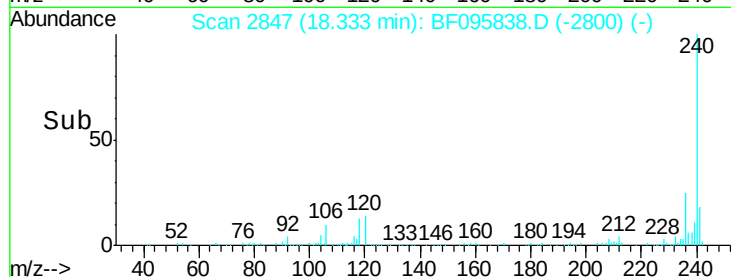
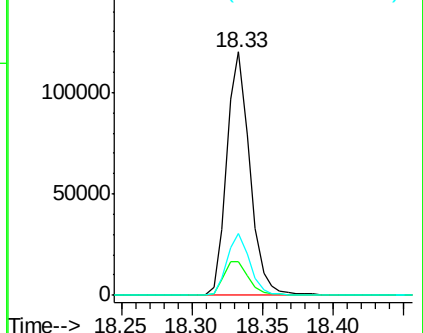
236 25.2 20.5 30.7



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



#77

Pyrene

Concen: 2.36 ng

RT: 16.74 min Scan# 2576

Delta R.T. -0.02 min

Lab File: BF095838.D

Acq: 10 Jun 2017 00:11

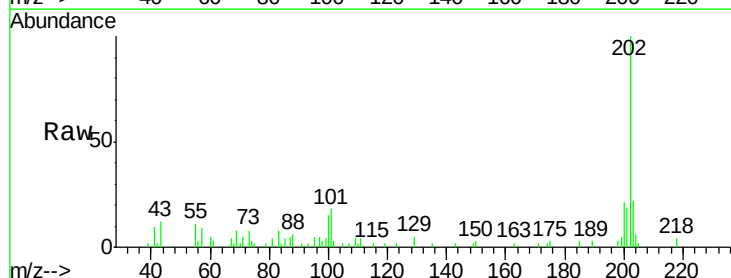
Tgt Ion:202 Resp: 24126

Ion Ratio Lower Upper

202 100

200 20.6 17.6 26.4

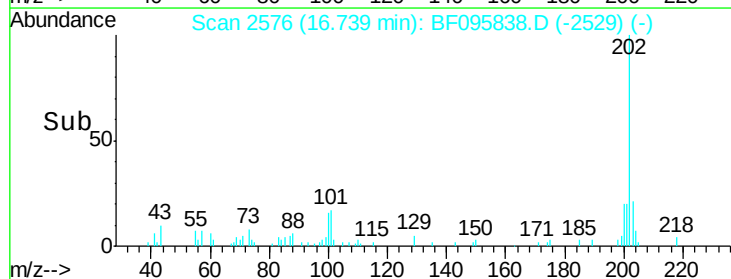
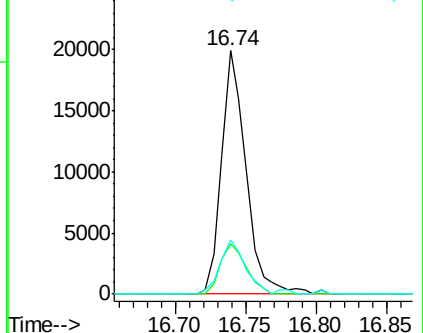
203 22.0 14.4 21.6#

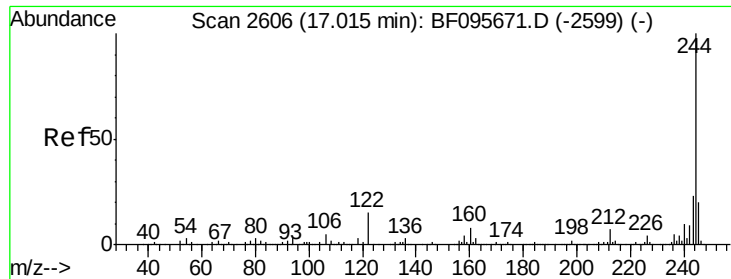


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 65.90 ng

RT: 16.99 min Scan# 2618

Delta R.T. -0.03 min

Lab File: BF095838.D

Acq: 10 Jun 2017 00:11

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP(0-4.0)

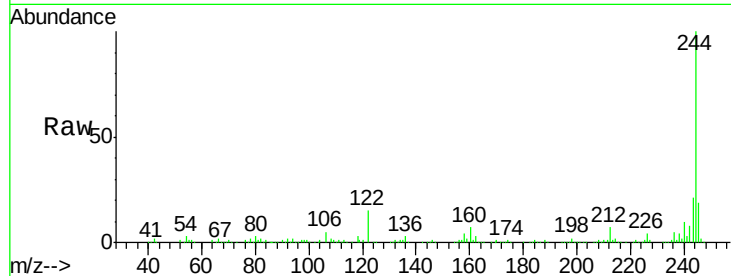
Tgt Ion:244 Resp: 364186

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

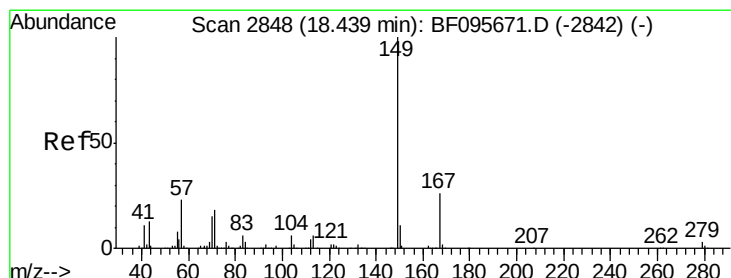
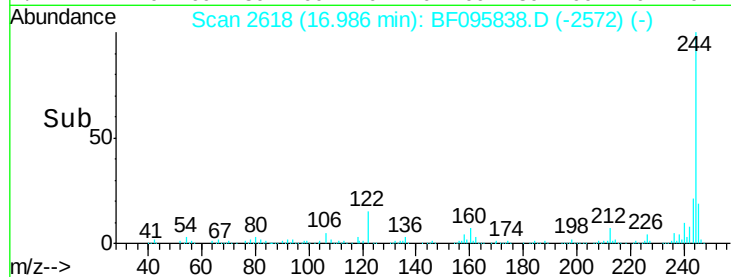
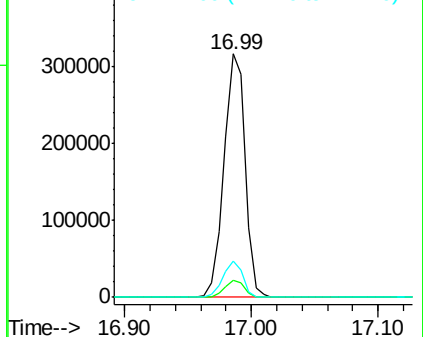
122 14.7 10.3 15.5



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 16.50 ng

RT: 18.41 min Scan# 2860

Delta R.T. -0.03 min

Lab File: BF095838.D

Acq: 10 Jun 2017 00:11

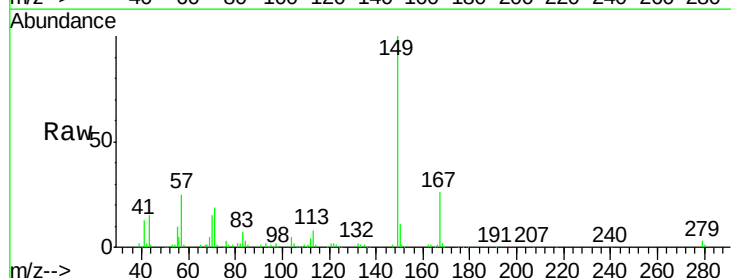
Tgt Ion:149 Resp: 104057

Ion Ratio Lower Upper

149 100

167 25.9 21.0 31.4

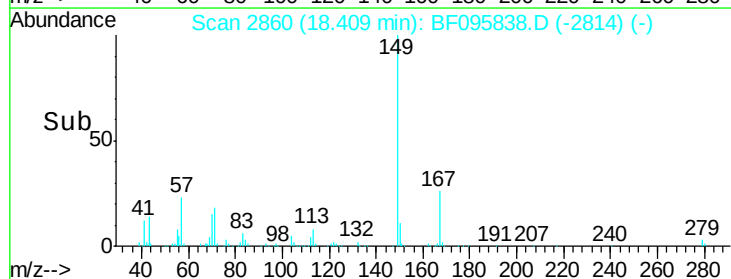
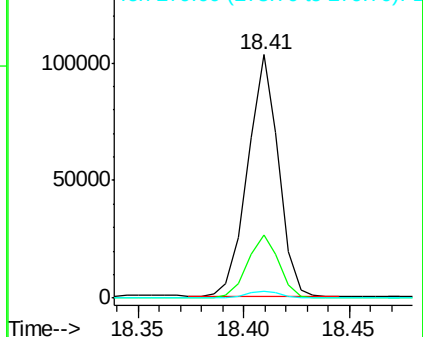
279 3.0 1.9 2.9#

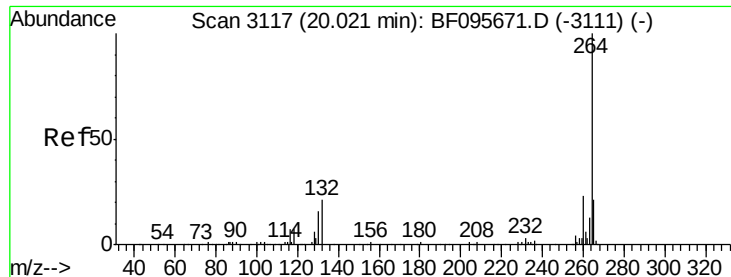


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 20.00 min Scan# 3131
Delta R.T. -0.02 min
Lab File: BF095838.D
Acq: 10 Jun 2017 00:11

Instrument :
BNA_F
ClientSampleId :
SB-03-COMP(0-4.0)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	22.5	17.2	25.8

