

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060117\
 Data File : BF095623.D
 Acq On : 2 Jun 2017 7:37
 Operator : SJ/MA
 Sample : I3398-06
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 02 08:06:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 18:51:16 2017
 Response via : Initial Calibration

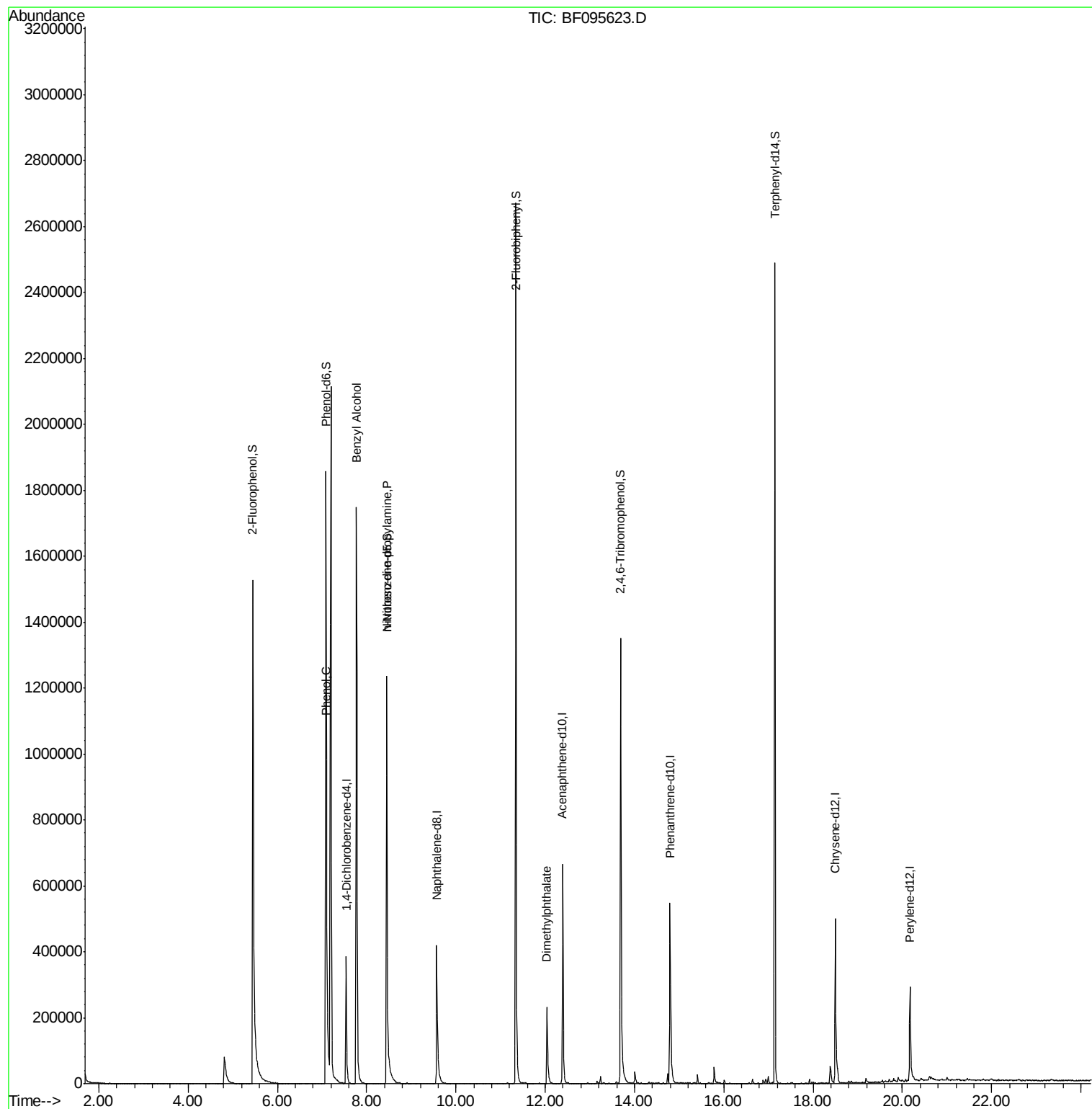
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	99315	20.00	ng	0.00
21) Naphthalene-d8	9.57	136	420639	20.00	ng	0.00
38) Acenaphthene-d10	12.39	164	199661	20.00	ng	0.00
63) Phenanthrene-d10	14.80	188	370661	20.00	ng	0.00
75) Chrysene-d12	18.50	240	284512	20.00	ng	0.00
86) Perylene-d12	20.17	264	177670	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	948818	159.28	ng	0.00
7) Phenol-d6	7.09	99	1173273	164.15	ng	0.00
23) Nitrobenzene-d5	8.45	82	706868	105.97	ng	-0.01
41) 2,4,6-Tribromophenol	13.69	330	261307	159.81	ng	0.00
44) 2-Fluorobiphenyl	11.34	172	1302206	93.88	ng	0.00
78) Terphenyl-d14	17.15	244	1070999	82.91	ng	0.00
Target Compounds						
10) Phenol	7.10	94	35460	4.71	ng	# 75
15) Benzyl Alcohol	7.77	79	10508	2.29	ng	# 35
19) n-Nitroso-di-n-propylamine	8.45	70	86491	17.89	ng	# 73
49) Dimethylphthalate	12.04	163	191587	11.69	ng	99

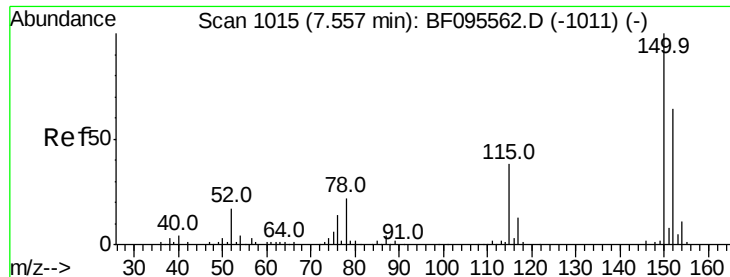
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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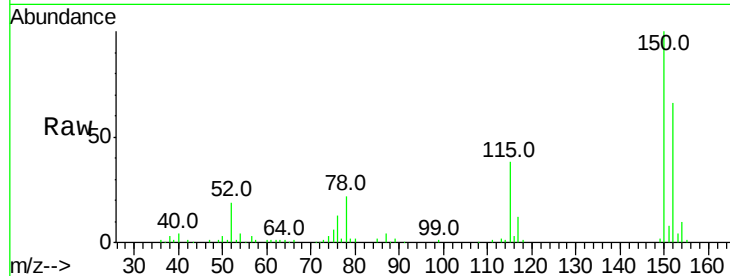


#1

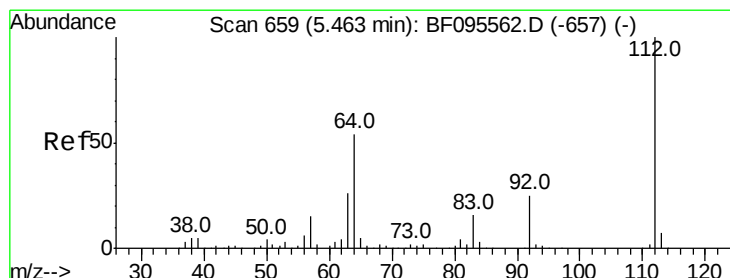
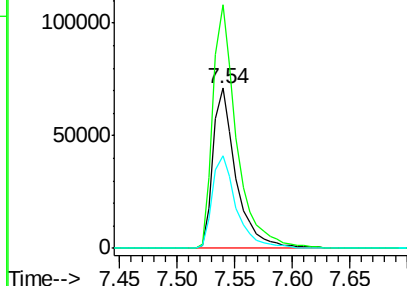
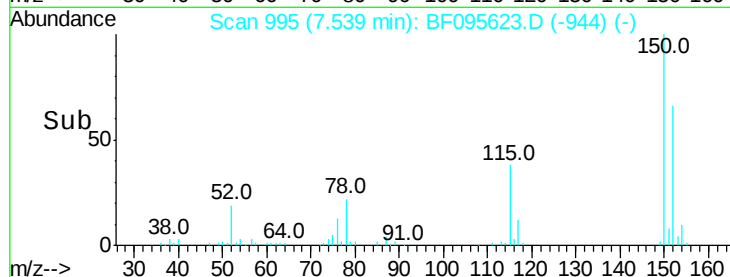
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.54 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF095623.D
Acq: 2 Jun 2017 7:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.1	126.2	189.2
115	57.9	52.2	78.2



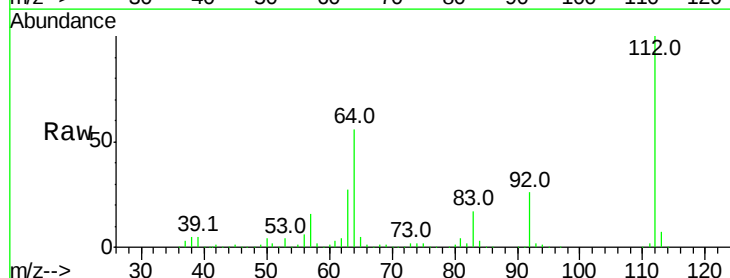
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



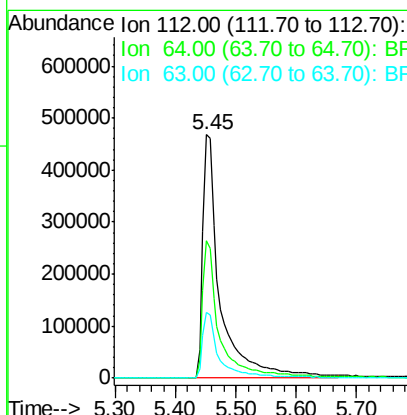
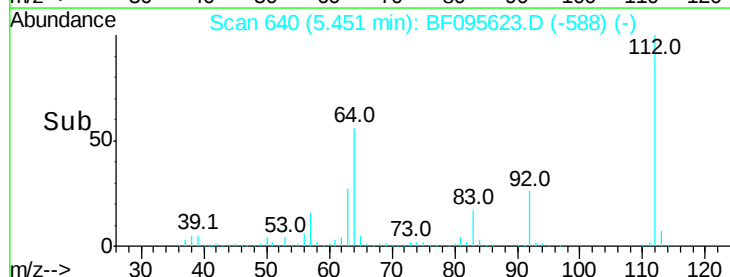
#5

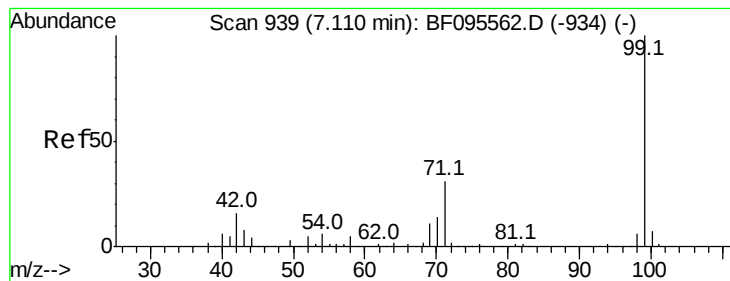
2-Fluorophenol
Concen: 159.28 ng
RT: 5.45 min Scan# 640
Delta R.T. 0.01 min
Lab File: BF095623.D
Acq: 2 Jun 2017 7:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.2	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: 164.15 ng

RT: 7.09 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF095623.D

Acq: 2 Jun 2017 7:37

Instrument :

BNA_F

ClientSampled :

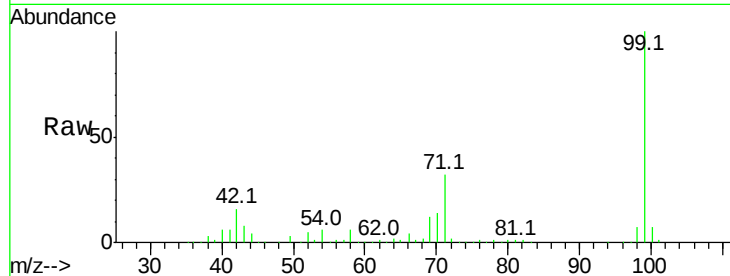
Tot Ion: 99 Resp: 1173273

Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.5	20.3
71	31.9	24.5	36.7

99 100

42 16.1 13.5 20.3

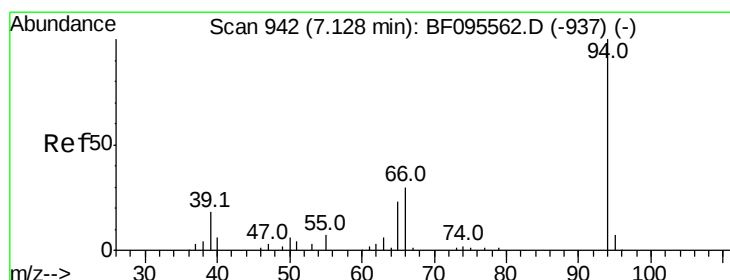
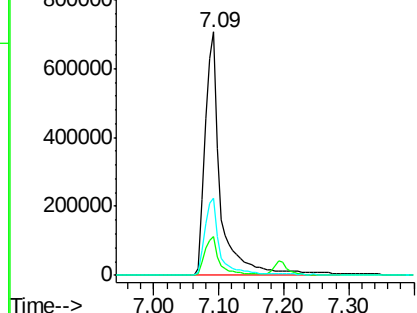
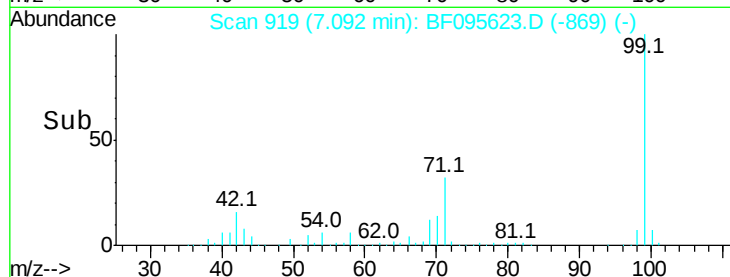
71 31.9 24.5 36.7



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: 4.71 ng

RT: 7.10 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF095623.D

Acq: 2 Jun 2017 7:37

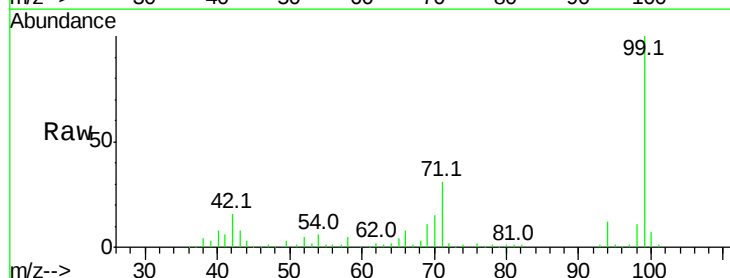
Tgt Ion: 94 Resp: 35460

Ion	Ratio	Lower	Upper
94	100		
65	29.7	9.9	49.9
66	70.1	23.1	63.1

94 100

65 29.7 9.9 49.9

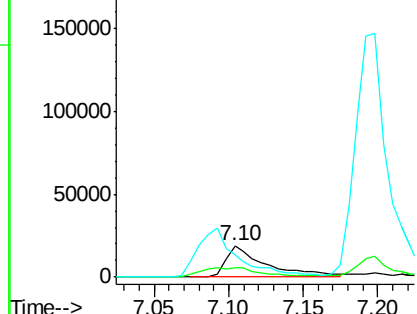
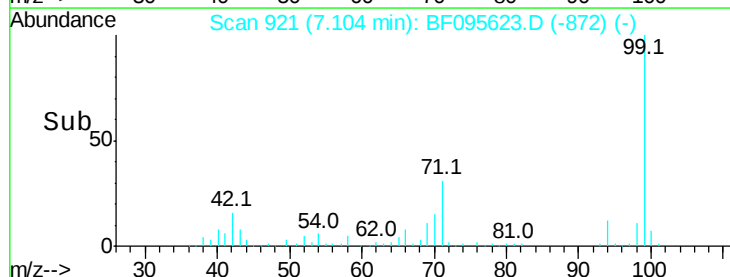
66 70.1 23.1 63.1#

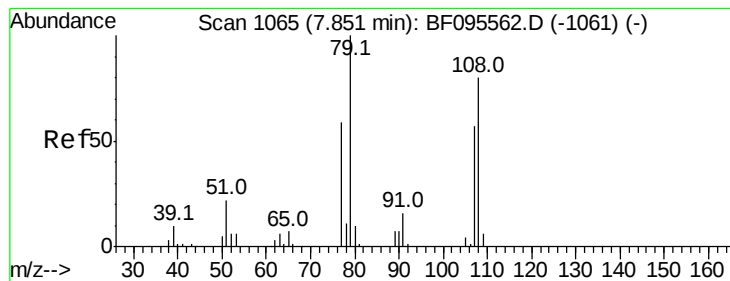


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 2.29 ng

RT: 7.77 min Scan# 1035

Delta R.T. -0.06 min

Lab File: BF095623.D

Acq: 2 Jun 2017 7:37

Instrument :

BNA_F

ClientSampleId :

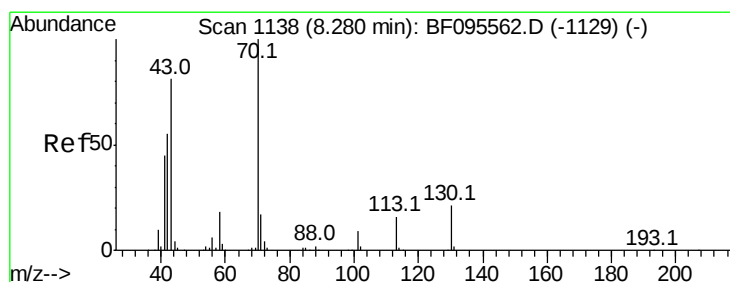
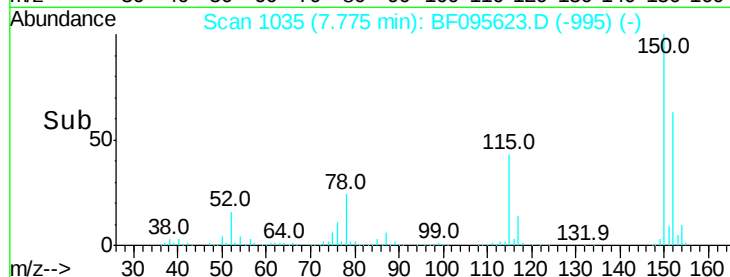
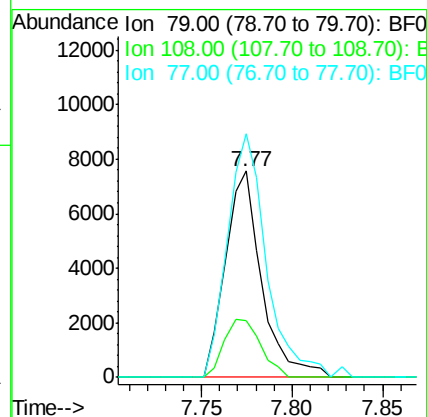
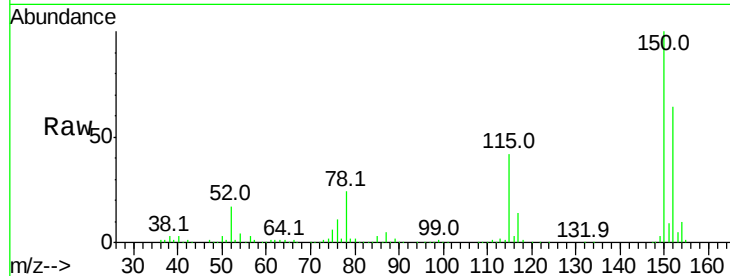
Tot Ion: 79 Resp: 10508

Ion Ratio Lower Upper

79 100

108 27.5 63.4 95.0#

77 118.2 49.2 73.8#



#19

n-Nitroso-di-n-propylamine

Concen: 17.89 ng

RT: 8.45 min Scan# 1150

Delta R.T. 0.18 min

Lab File: BF095623.D

Acq: 2 Jun 2017 7:37

Tgt Ion: 70 Resp: 86491

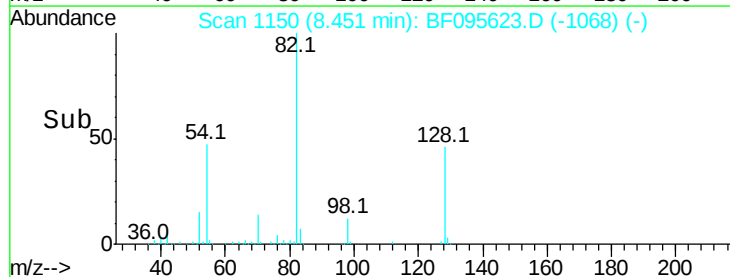
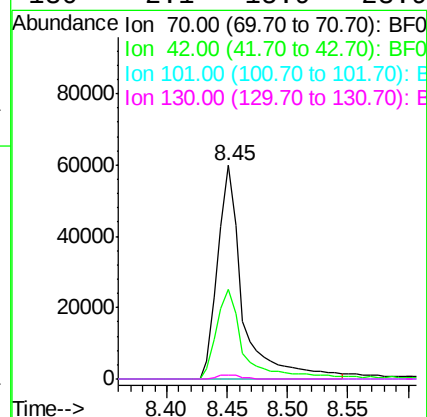
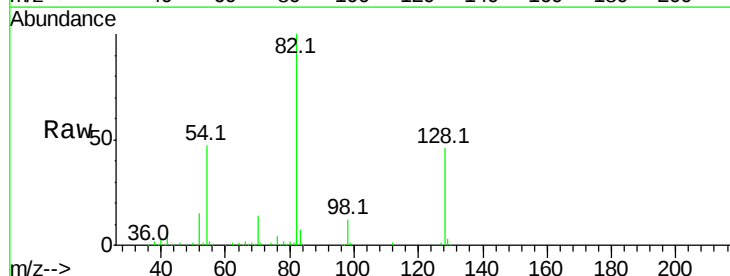
Ion Ratio Lower Upper

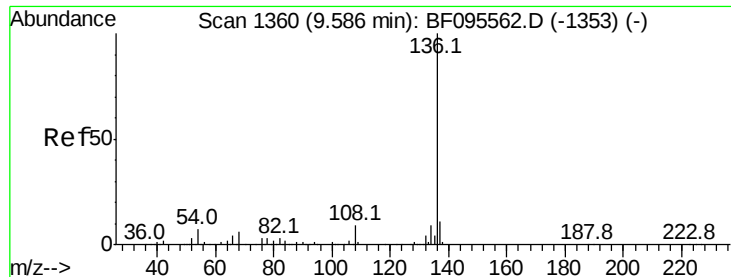
70 100

42 41.8 47.2 70.8#

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#

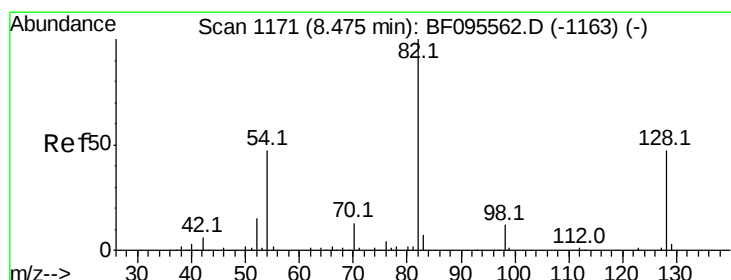
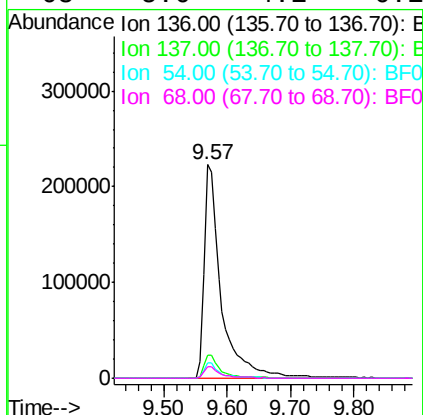
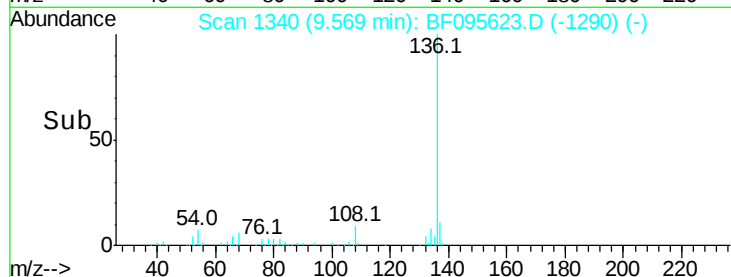
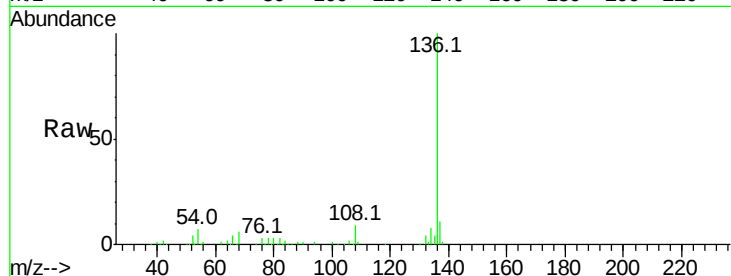




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.57 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF095623.D
Acq: 2 Jun 2017 7:37

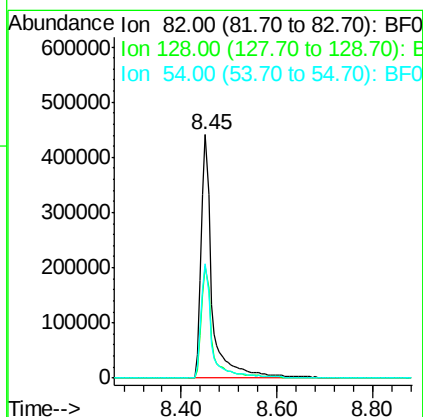
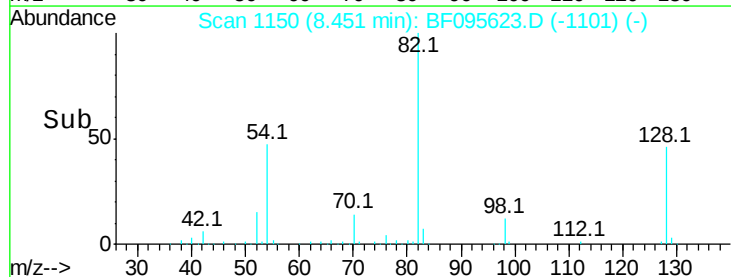
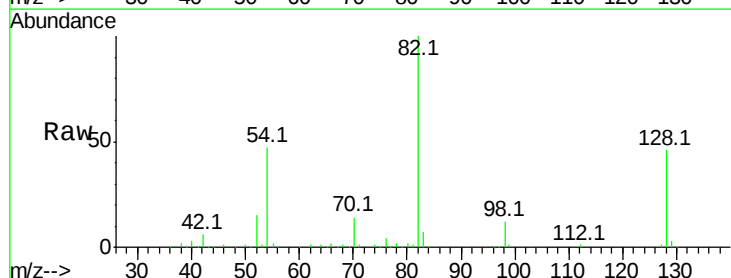
Instrument :
BNA_F
ClientSampleId :

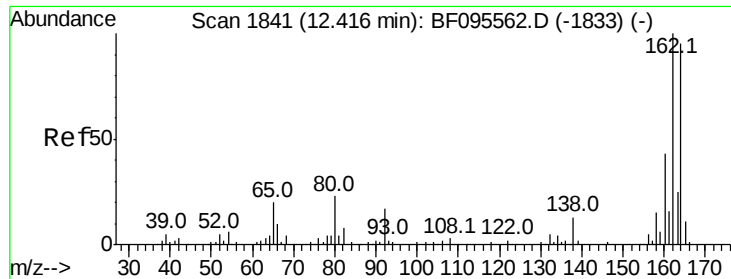
Tot Ion:136	Resp:	420639
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.5 12.7
54	7.0	4.9 7.3
68	5.6	4.1 6.1



#23
Nitrobenzene-d5
Concen: 105.97 ng
RT: 8.45 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF095623.D
Acq: 2 Jun 2017 7:37

Tgt Ion: 82	Resp:	706868
Ion	Ratio	Lower Upper
82	100	
128	46.0	34.0 51.0
54	46.8	42.2 63.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.39 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF095623.D

Acq: 2 Jun 2017 7:37

Instrument :

BNA_F

ClientSampleId :

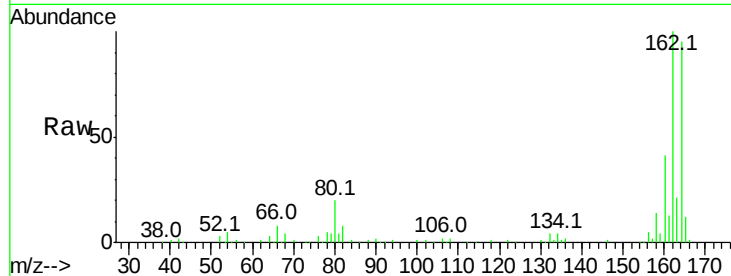
Tot Ion:164 Resp: 199661

Ion Ratio Lower Upper

164 100

162 105.6 82.6 123.8

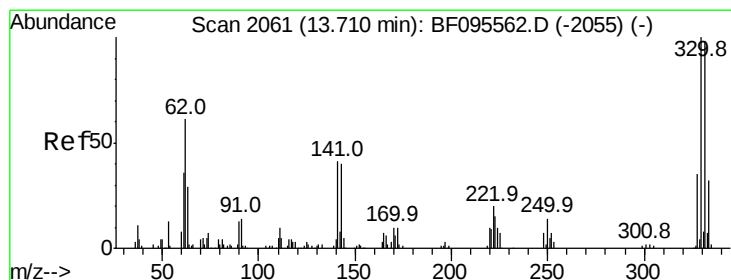
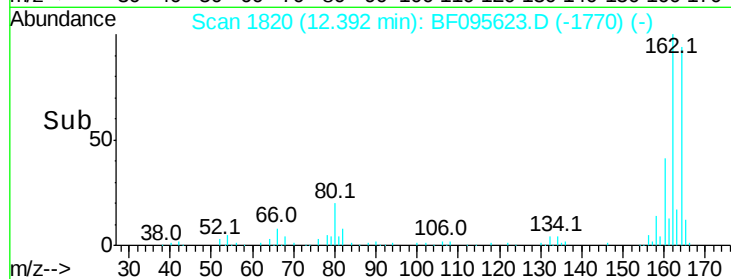
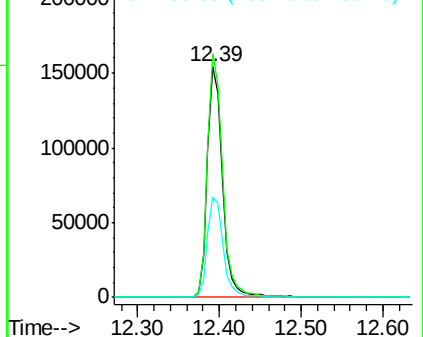
160 43.6 36.2 54.2



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: 159.81 ng

RT: 13.69 min Scan# 2041

Delta R.T. -0.01 min

Lab File: BF095623.D

Acq: 2 Jun 2017 7:37

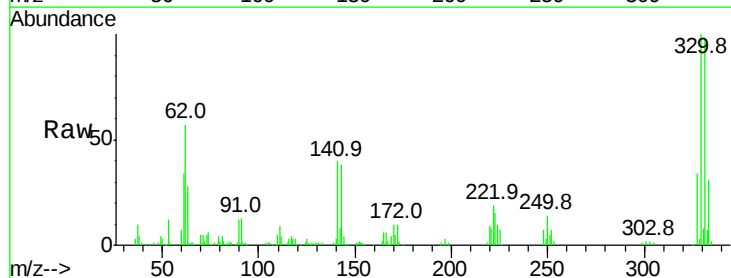
Tgt Ion:330 Resp: 261307

Ion Ratio Lower Upper

330 100

332 98.3 76.6 115.0

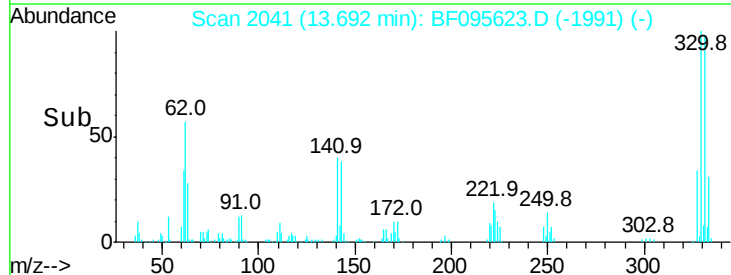
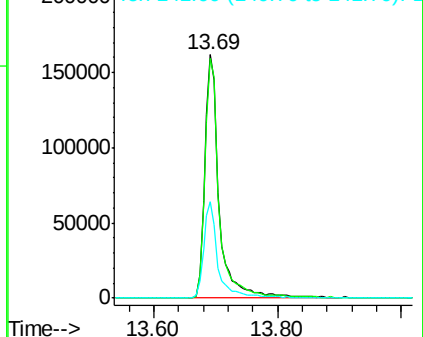
141 39.8 31.4 47.2

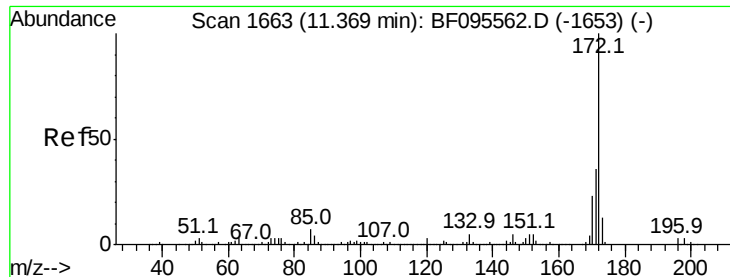


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 93.88 ng

RT: 11.34 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BF095623.D

Acq: 2 Jun 2017 7:37

Instrument :

BNA_F

ClientSampleId :

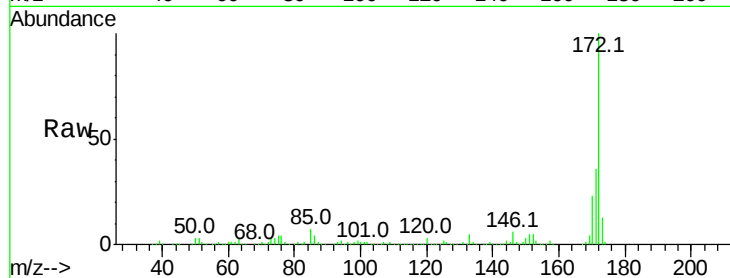
Tot Ion:172 Resp: 1302206

Ion Ratio Lower Upper

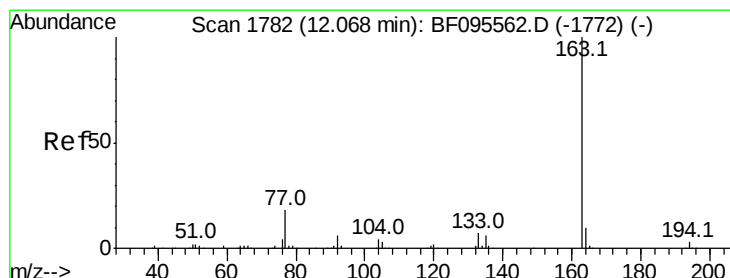
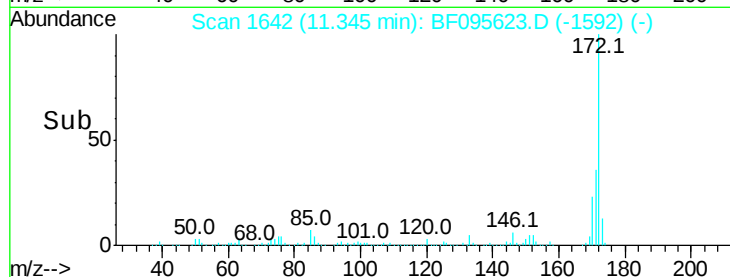
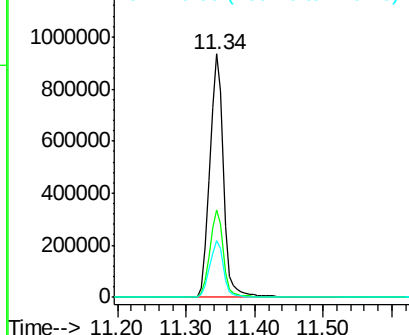
172 100

171 35.8 29.6 44.4

170 23.5 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: 11.69 ng

RT: 12.04 min Scan# 1760

Delta R.T. -0.02 min

Lab File: BF095623.D

Acq: 2 Jun 2017 7:37

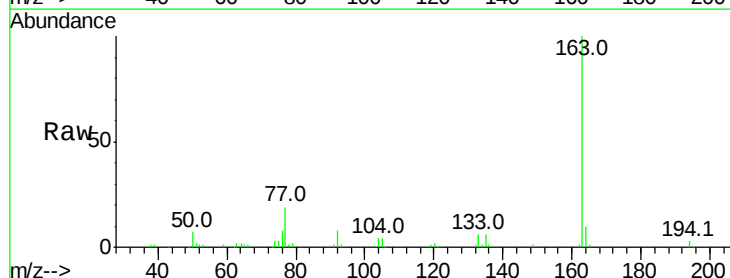
Tgt Ion:163 Resp: 191587

Ion Ratio Lower Upper

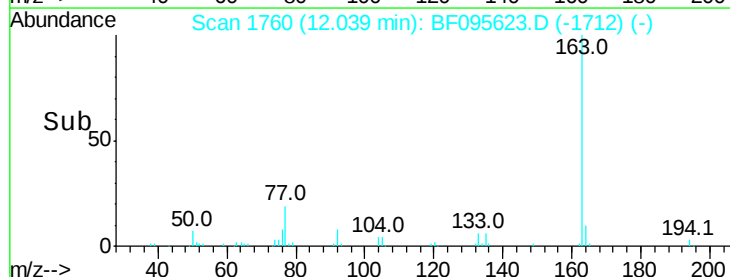
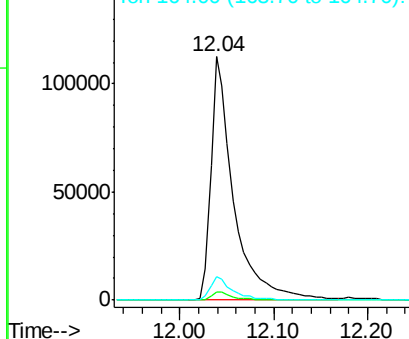
163 100

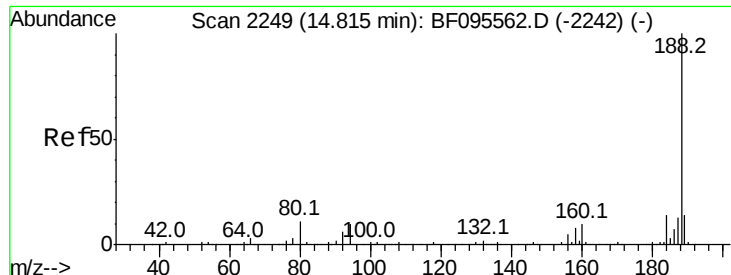
194 3.4 2.6 4.0

164 9.8 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

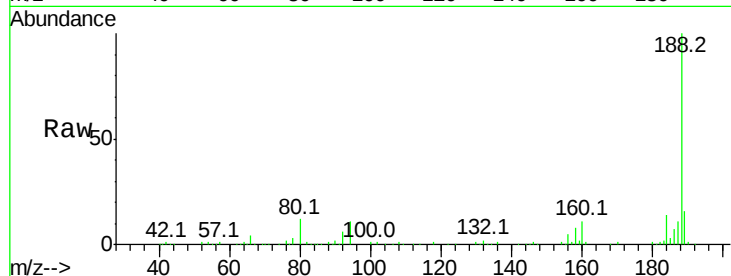




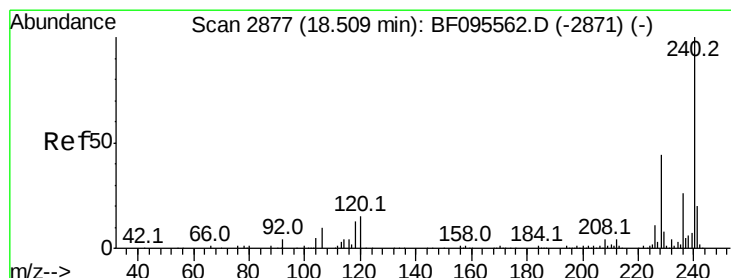
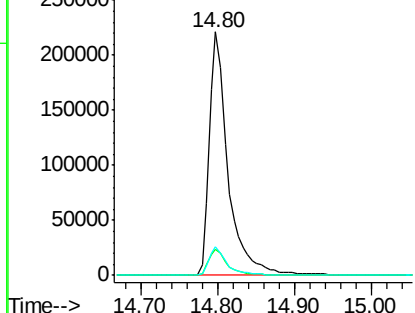
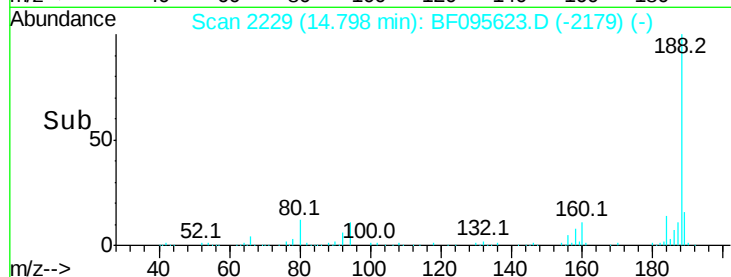
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF095623.D
Acq: 2 Jun 2017 7:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 370661
Ion Ratio Lower Upper
188 100
94 10.7 9.4 14.2
80 11.9 10.2 15.2

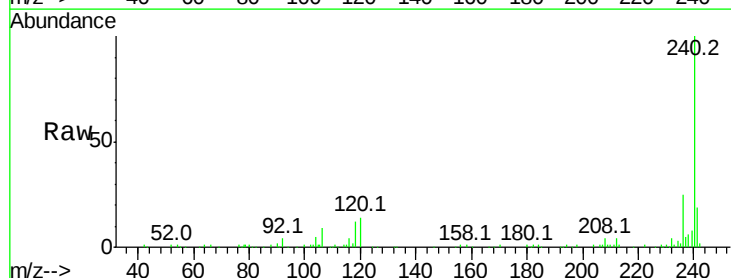


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

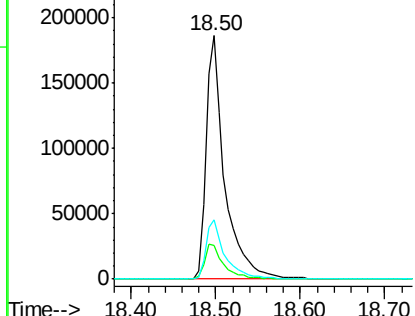
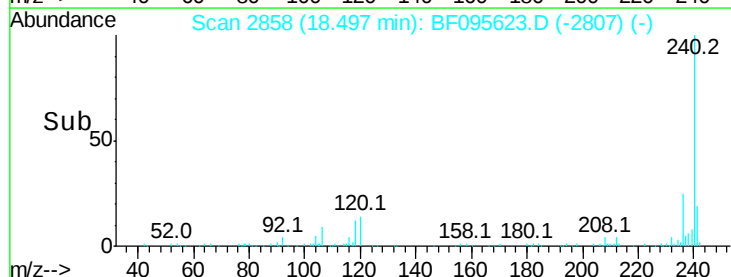


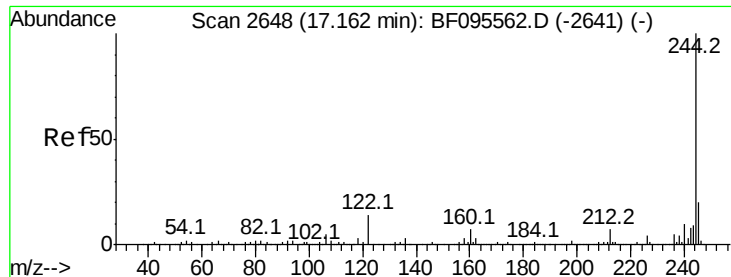
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.50 min Scan# 2858
Delta R.T. -0.00 min
Lab File: BF095623.D
Acq: 2 Jun 2017 7:37

Tgt Ion:240 Resp: 284512
Ion Ratio Lower Upper
240 100
120 14.0 5.8 8.8#
236 24.6 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

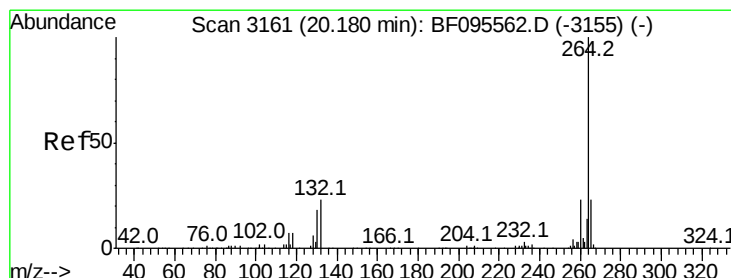
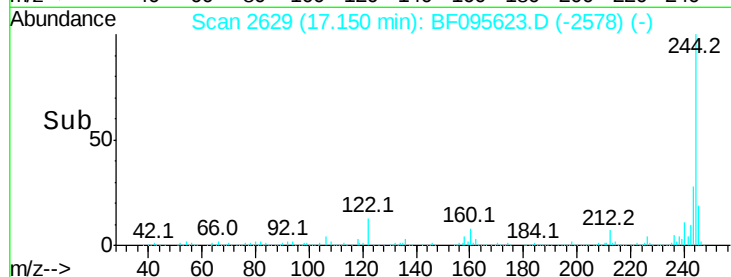
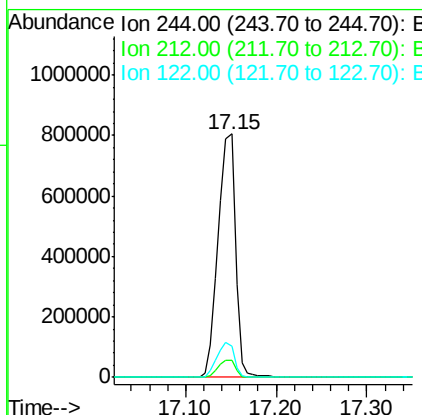
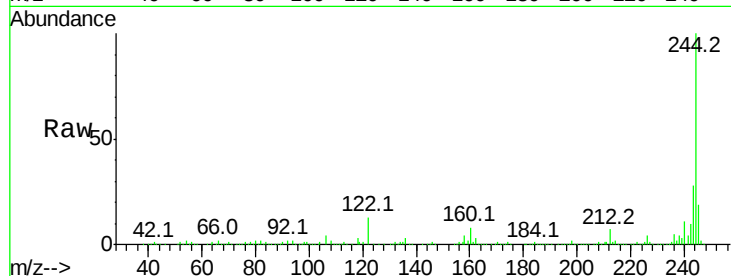




#78
 Terphenyl-d14
 Concen: 82.91 ng
 RT: 17.15 min Scan# 2629
 Delta R.T. -0.00 min
 Lab File: BF095623.D
 Acq: 2 Jun 2017 7:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1070999
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 12.7 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.17 min Scan# 3142
 Delta R.T. -0.00 min
 Lab File: BF095623.D
 Acq: 2 Jun 2017 7:37

Tgt Ion:264 Resp: 177670
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.5 29.3
 265 20.6 17.2 25.8

