

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091117\
 Data File : BG028662.D
 Acq On : 12 Sep 2017 5:40
 Operator : SJ/JU
 Sample : I5123-06
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EP-20

Quant Time: Sep 12 12:17:35 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG090717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 07 18:39:50 2017
 Response via : Initial Calibration

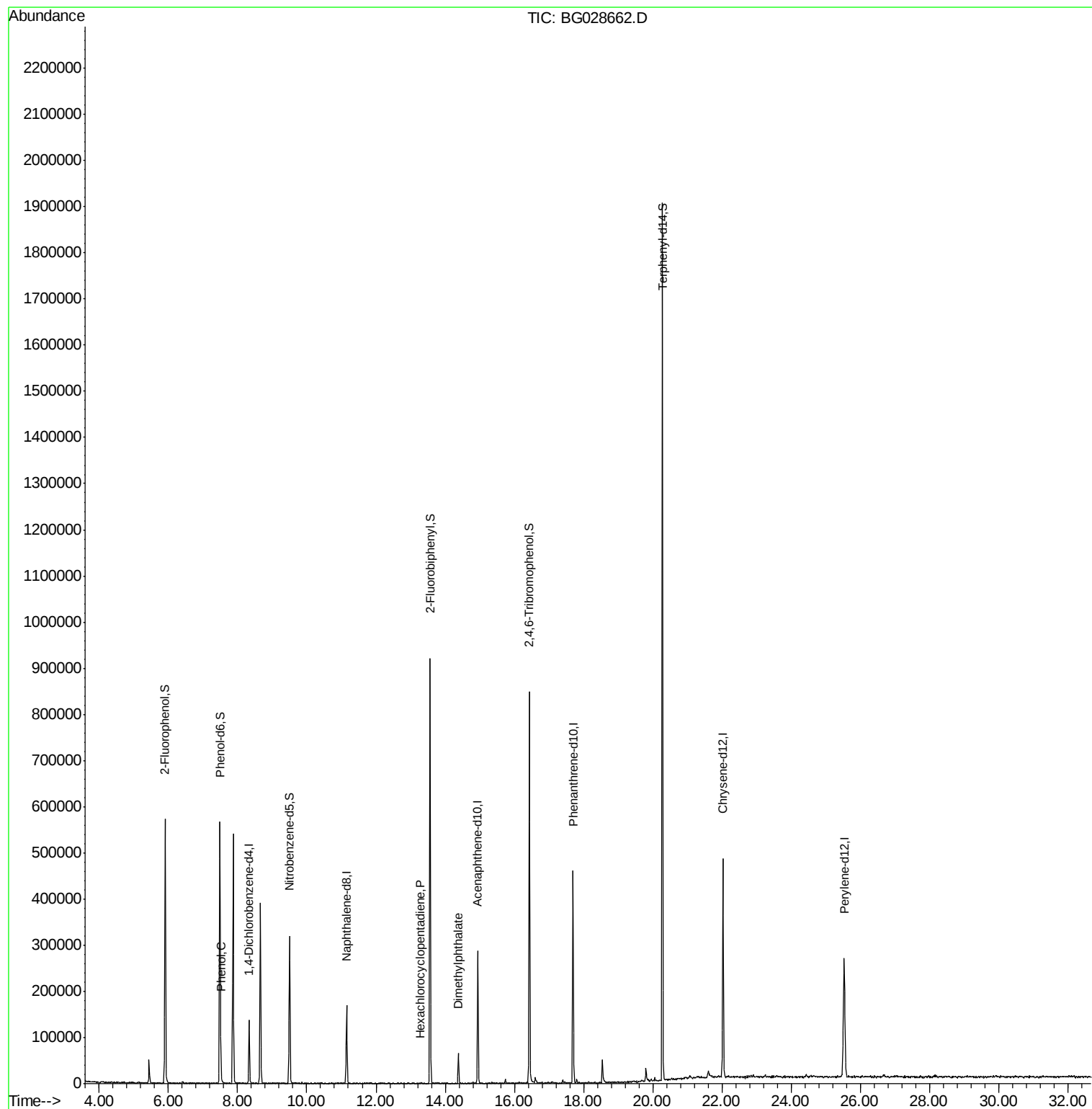
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	36993	20.00	ng	0.00
21) Naphthalene-d8	11.16	136	147294	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	104453	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	289583	20.00	ng	0.00
75) Chrysene-d12	22.02	240	323161	20.00	ng	-0.01
86) Perylene-d12	25.53	264	332920	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.91	112	242551	110.40	ng	0.00
7) Phenol-d6	7.49	99	327018	102.62	ng	0.00
23) Nitrobenzene-d5	9.50	82	206396	64.34	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	181254	114.17	ng	-0.01
44) 2-Fluorobiphenyl	13.56	172	498667	62.46	ng	0.00
78) Terphenyl-d14	20.28	244	853582	56.91	ng	0.00
Target Compounds						
10) Phenol	7.52	94	11783	3.413	ng	86
40) Hexachlorocyclopentadiene	13.28	237	69	9.116	ng	# 29
49) Dimethylphthalate	14.38	163	47536	5.523	ng	# 97

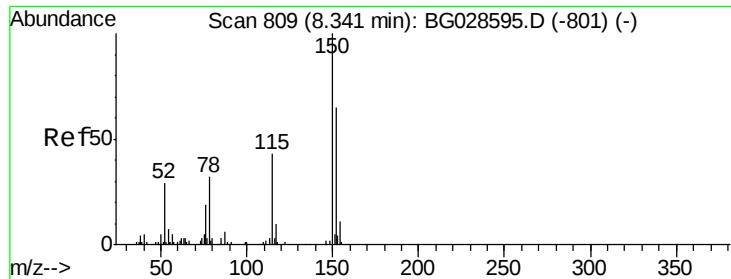
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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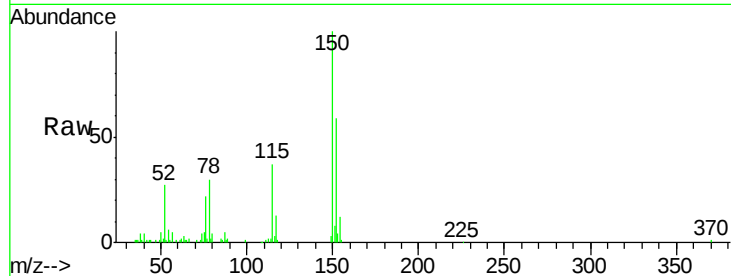


#1

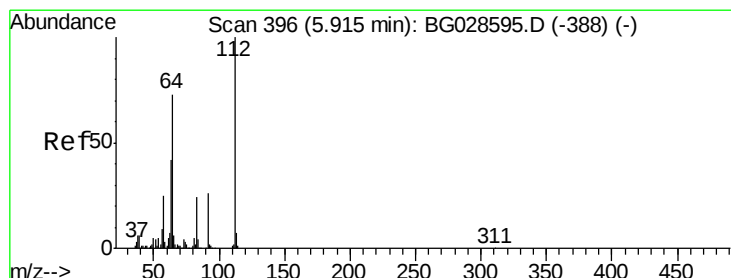
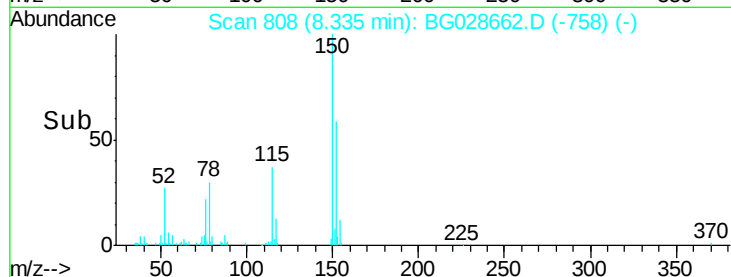
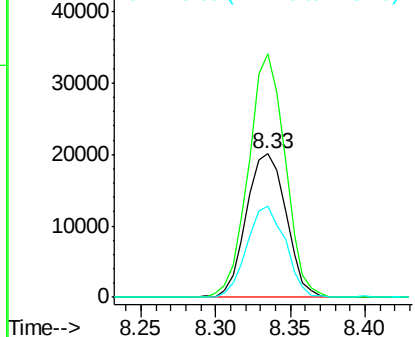
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.33 min Scan# 808
Delta R.T. -0.01 min
Lab File: BG028662.D
Acq: 12 Sep 2017 5:40

Instrument :
BNA_G
ClientSampleId :
EP-20

Tgt Ion:152 Resp: 36993
Ion Ratio Lower Upper
152 100
150 169.7 114.0 171.0
115 63.3 48.1 72.1



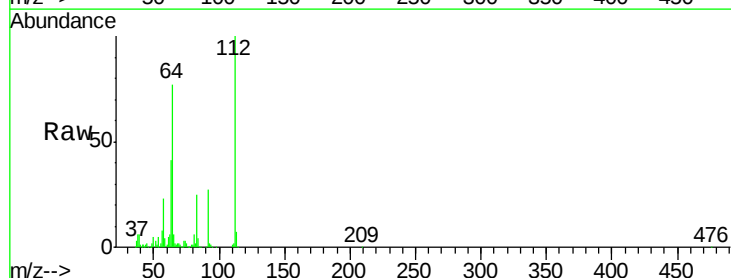
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



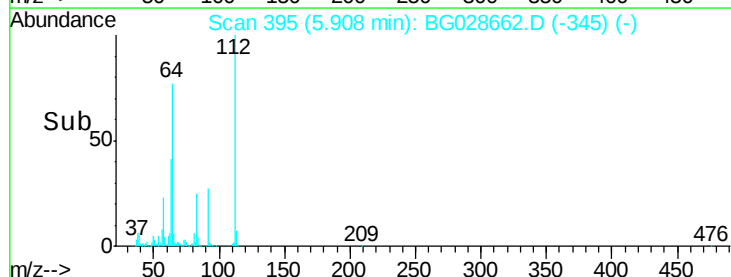
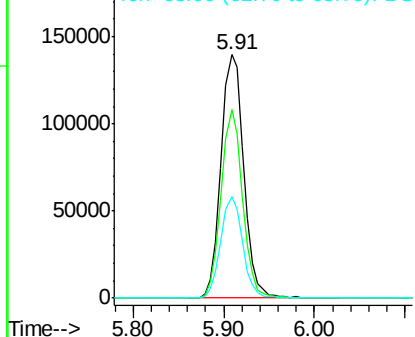
#5

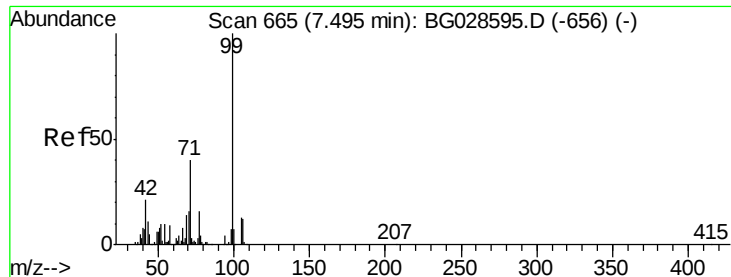
2-Fluorophenol
Concen: 110.397 ng
RT: 5.91 min Scan# 395
Delta R.T. -0.01 min
Lab File: BG028662.D
Acq: 12 Sep 2017 5:40

Tgt Ion:112 Resp: 242551
Ion Ratio Lower Upper
112 100
64 77.5 61.8 92.6
63 41.5 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 102.616 ng

RT: 7.49 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG028662.D

Acq: 12 Sep 2017 5:40

Instrument :

BNA_G

ClientSampleId :

EP-20

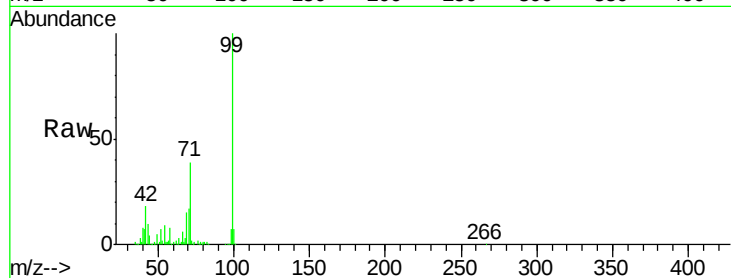
Tgt Ion: 99 Resp: 327018

Ion Ratio Lower Upper

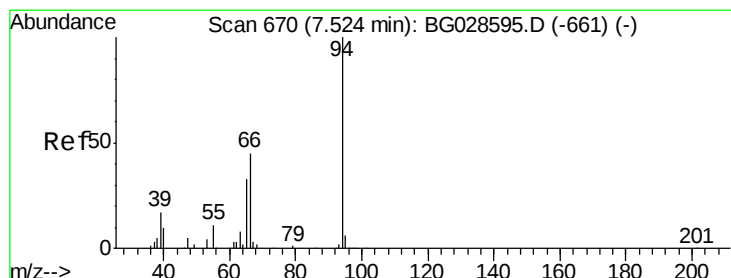
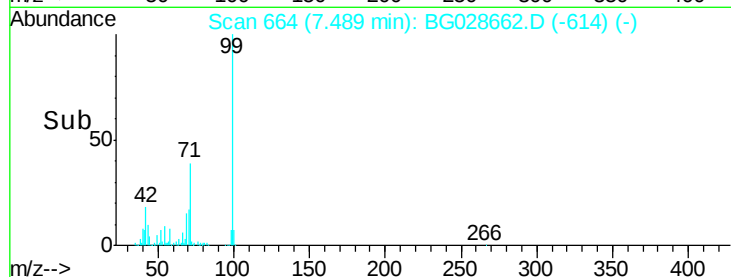
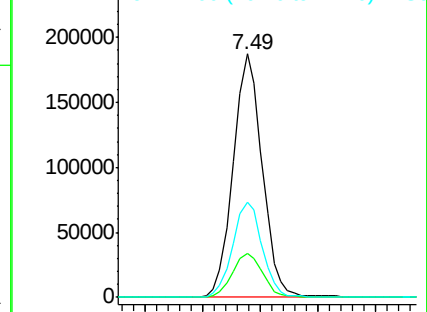
99 100

42 18.2 20.5 30.7#

71 39.3 37.6 56.4



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#10

Phenol

Concen: 3.413 ng

RT: 7.52 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG028662.D

Acq: 12 Sep 2017 5:40

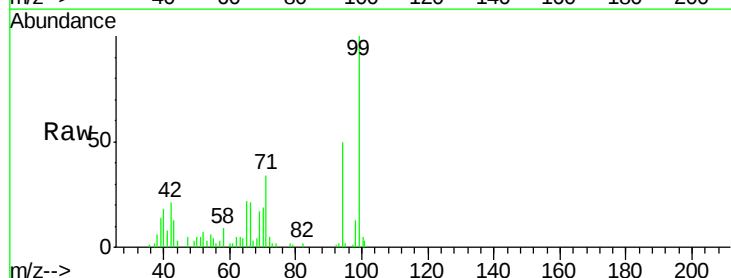
Tgt Ion: 94 Resp: 11783

Ion Ratio Lower Upper

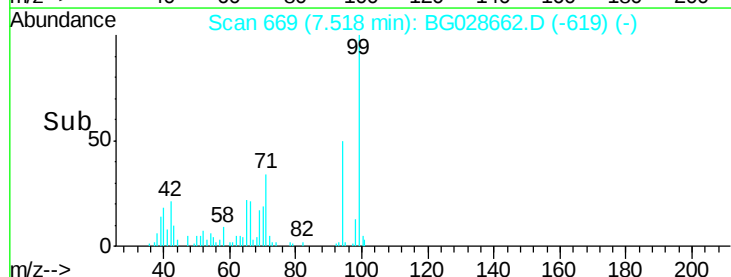
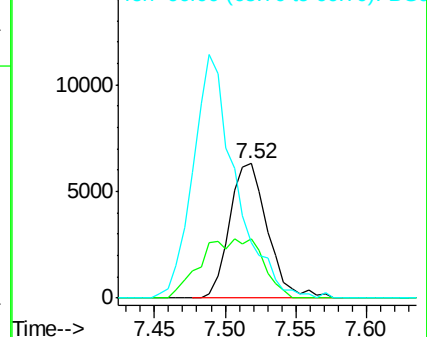
94 100

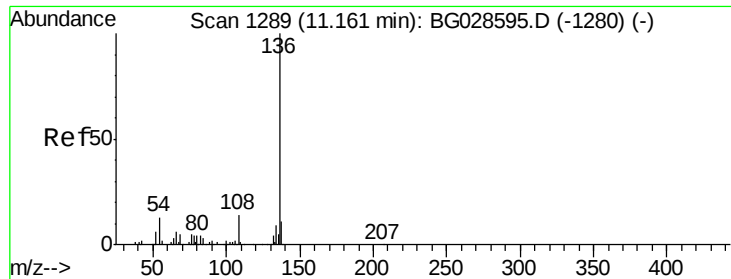
65 43.7 20.6 60.6

66 41.0 35.5 75.5



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

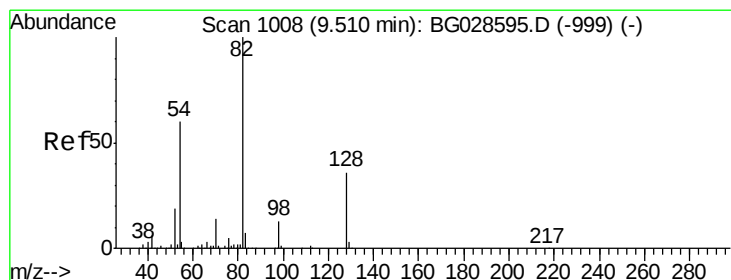
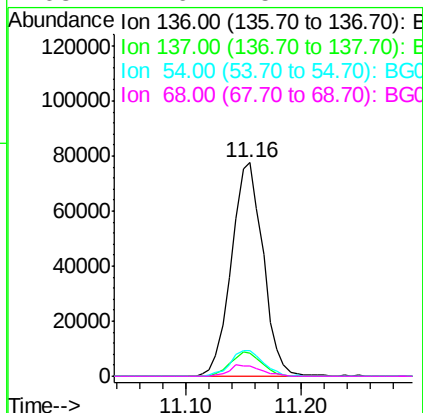
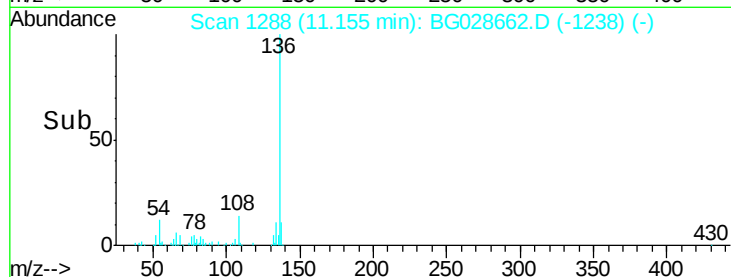
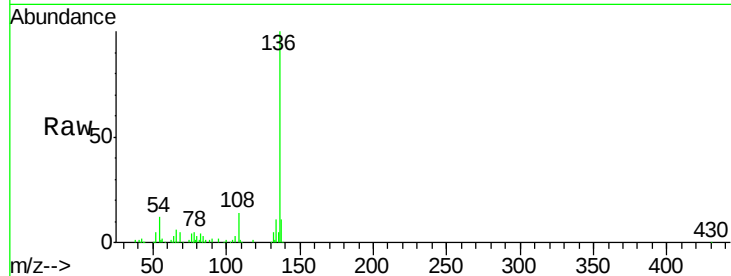




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.16 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG028662.D
Acq: 12 Sep 2017 5:40

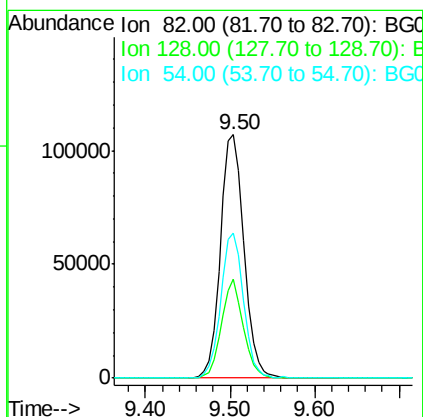
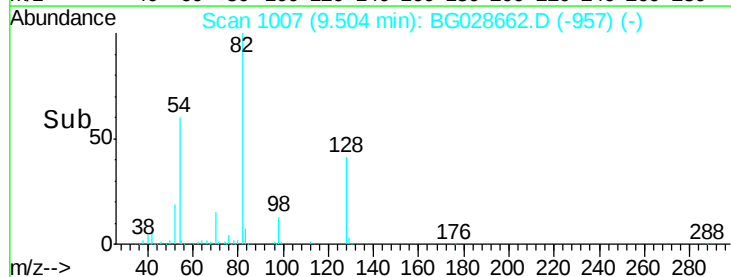
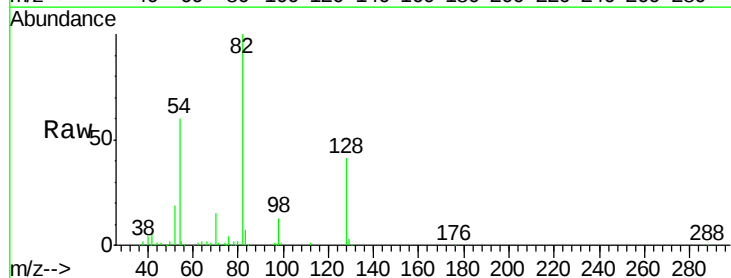
Instrument :
BNA_G
ClientSampleId :
EP-20

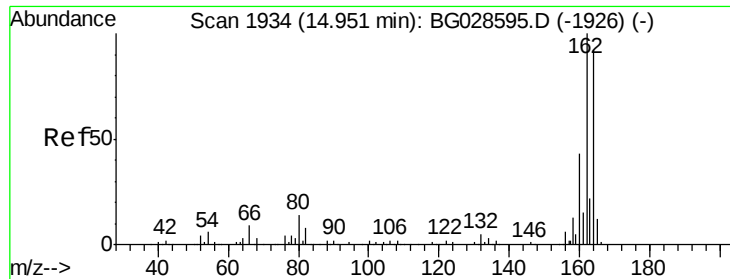
Tgt Ion:	136	Resp:	147294
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	11.9	9.3	13.9
68	4.6	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 64.342 ng
RT: 9.50 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG028662.D
Acq: 12 Sep 2017 5:40

Tgt Ion:	82	Resp:	206396
Ion	Ratio	Lower	Upper
82	100		
128	40.6	26.4	39.6#
54	59.7	49.4	74.2





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.94 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BG028662.D

Acq: 12 Sep 2017 5:40

Instrument :

BNA_G

ClientSampleId :

EP-20

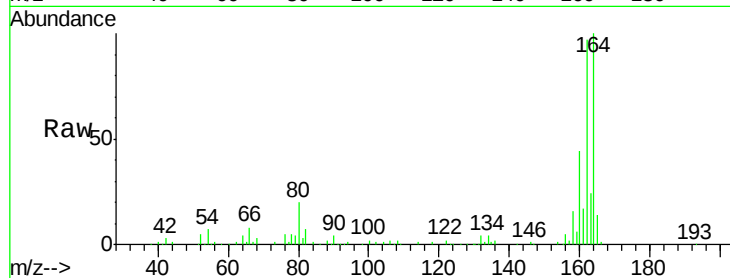
Tgt Ion:164 Resp: 104453

Ion Ratio Lower Upper

164 100

162 96.8 85.1 127.7

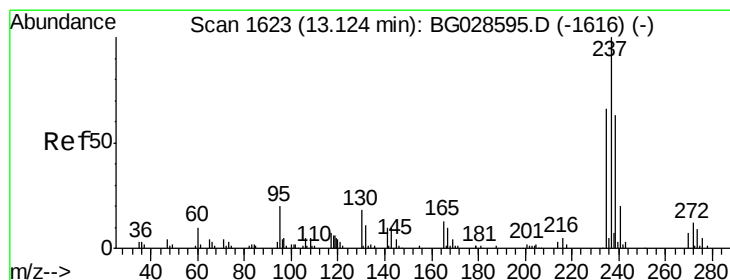
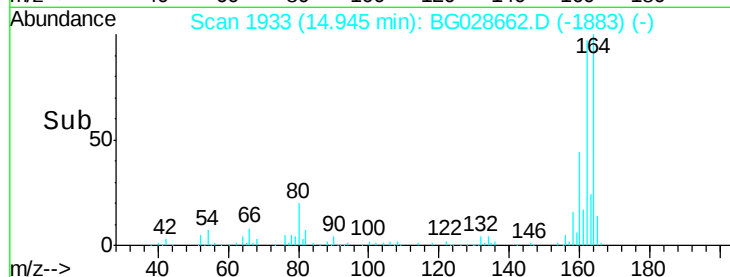
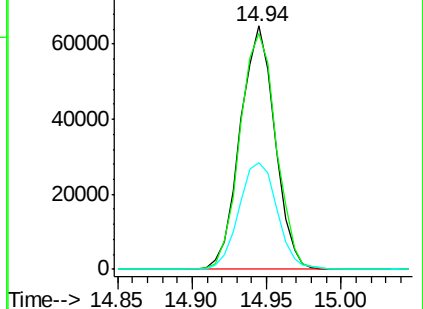
160 44.0 34.7 52.1



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



#40

Hexachlorocyclopentadiene

Concen: 9.116 ng

RT: 13.28 min Scan# 1650

Delta R.T. 0.16 min

Lab File: BG028662.D

Acq: 12 Sep 2017 5:40

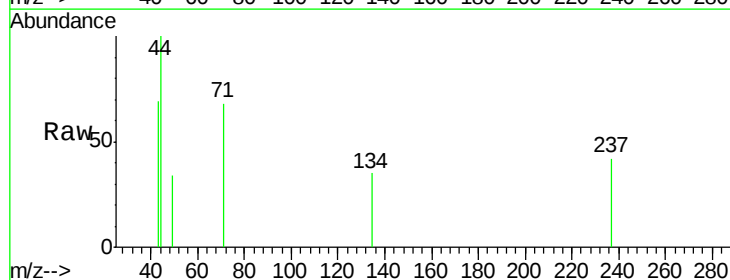
Tgt Ion:237 Resp: 69

Ion Ratio Lower Upper

237 100

235 0.0 39.4 79.4#

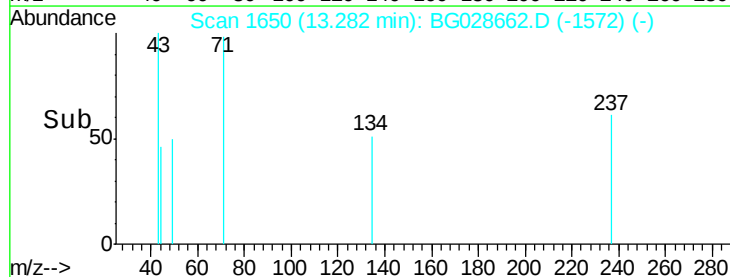
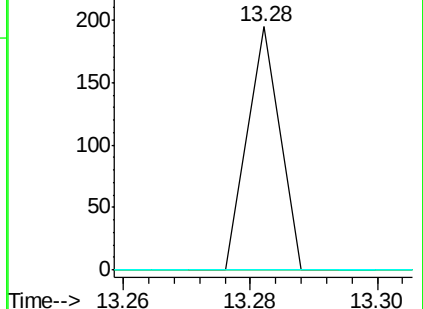
272 0.0 0.0 32.0

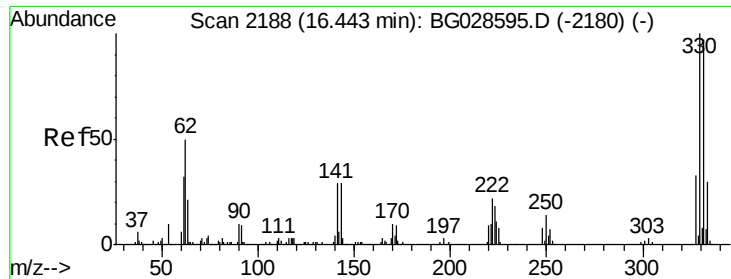


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

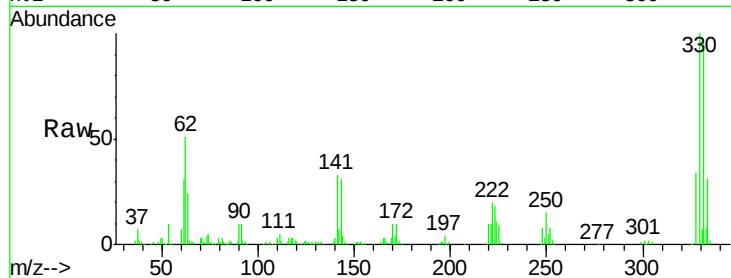




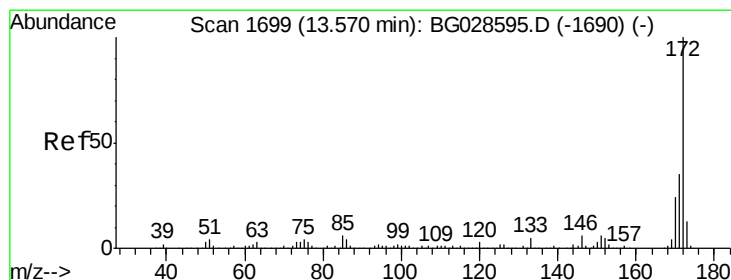
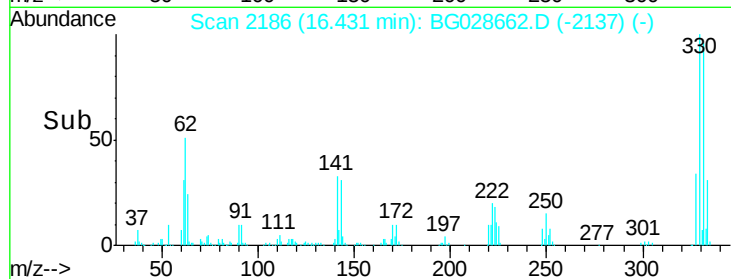
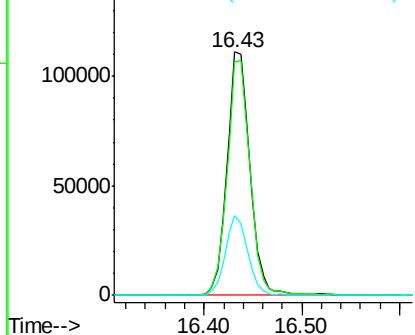
#41
 2,4,6-Tribromophenol
 Concen: 114.170 ng
 RT: 16.43 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: BG028662.D
 Acq: 12 Sep 2017 5:40

Instrument :
 BNA_G
 ClientSampleId :
 EP-20

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.3	115.9
141	31.9	32.1	48.1#

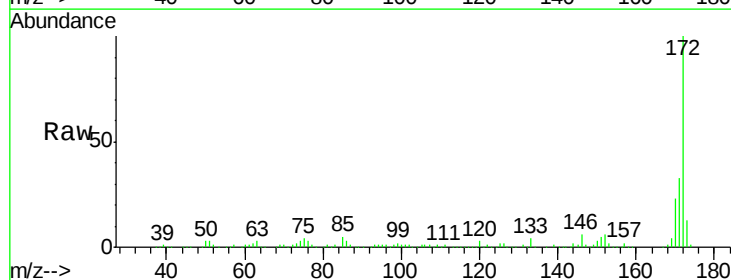


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

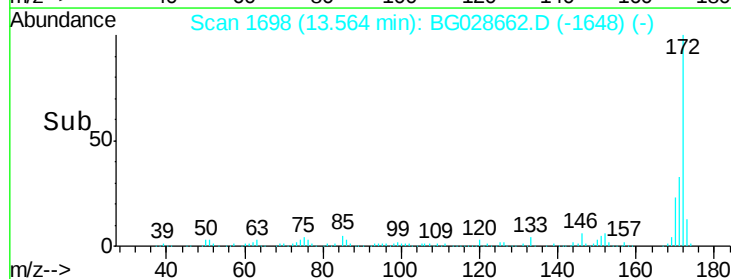
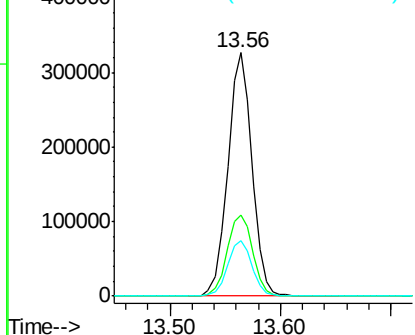


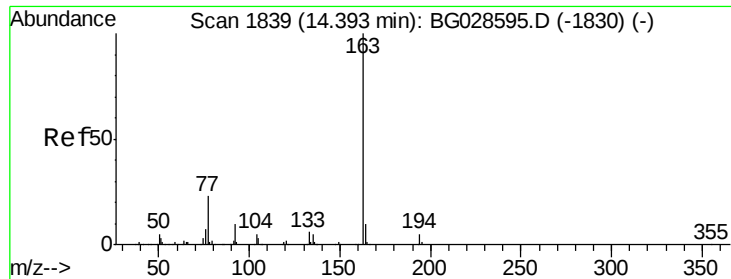
#44
 2-Fluorobiphenyl
 Concen: 62.456 ng
 RT: 13.56 min Scan# 1698
 Delta R.T. -0.01 min
 Lab File: BG028662.D
 Acq: 12 Sep 2017 5:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.2	32.2	48.2
170	22.5	21.8	32.6



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: 5.523 ng

RT: 14.38 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BG028662.D

Acq: 12 Sep 2017 5:40

Instrument :

BNA_G

ClientSampleId :

EP-20

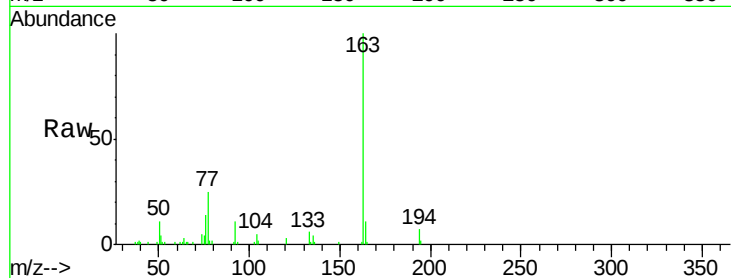
Tgt Ion:163 Resp: 47536

Ion Ratio Lower Upper

163 100

194 6.6 3.8 5.6#

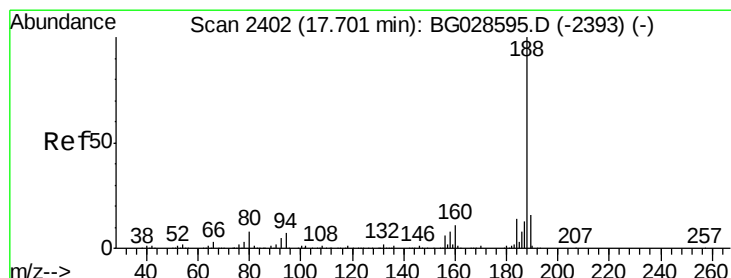
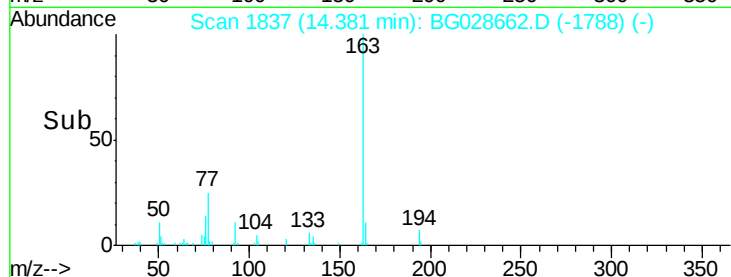
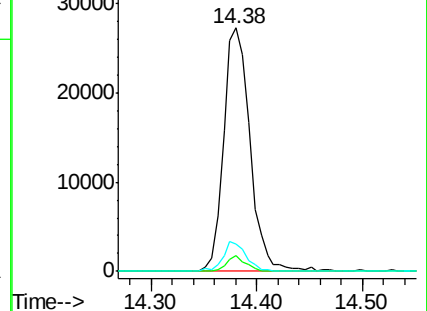
164 11.0 9.3 13.9



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: 20.000 ng

RT: 17.69 min Scan# 2401

Delta R.T. -0.01 min

Lab File: BG028662.D

Acq: 12 Sep 2017 5:40

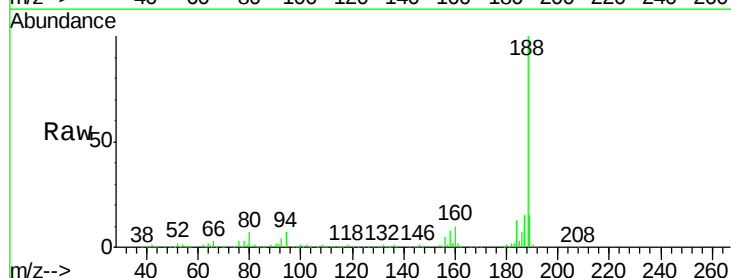
Tgt Ion:188 Resp: 289583

Ion Ratio Lower Upper

188 100

94 7.1 5.8 8.8

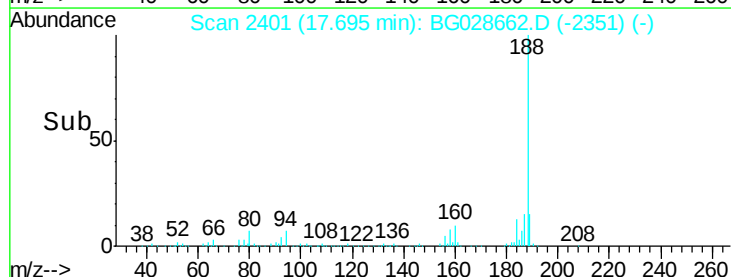
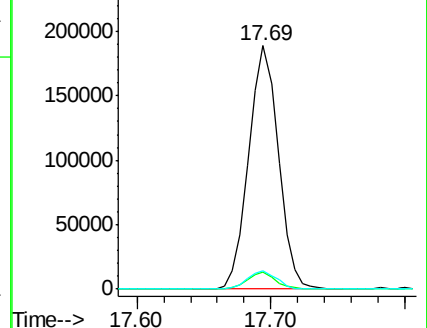
80 7.5 7.5 11.3#

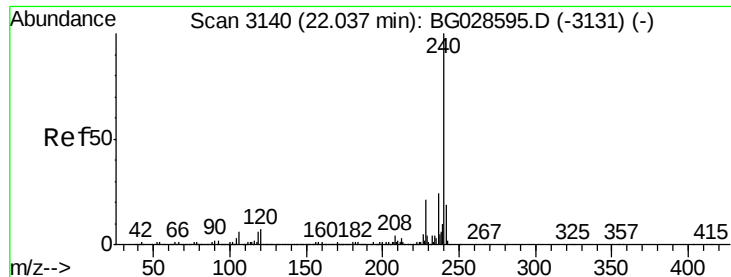


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.02 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG028662.D

Acq: 12 Sep 2017 5:40

Instrument :

BNA_G

ClientSampleId :

EP-20

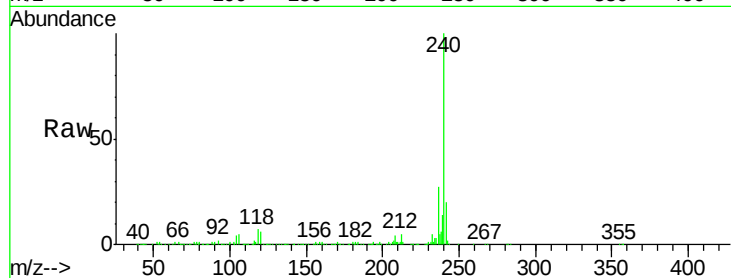
Tgt Ion:240 Resp: 323161

Ion Ratio Lower Upper

240 100

120 5.8 5.7 8.5

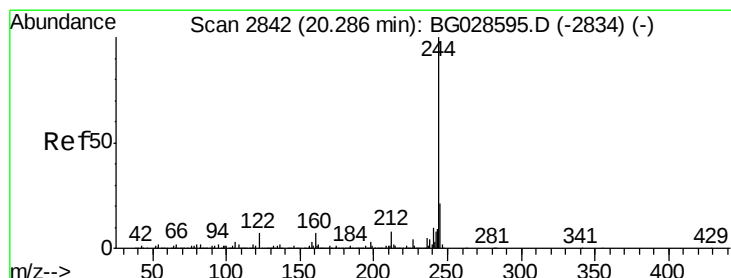
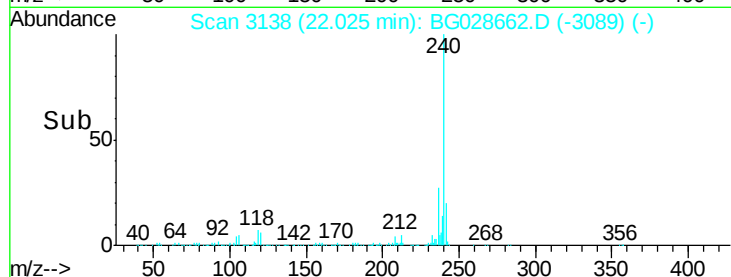
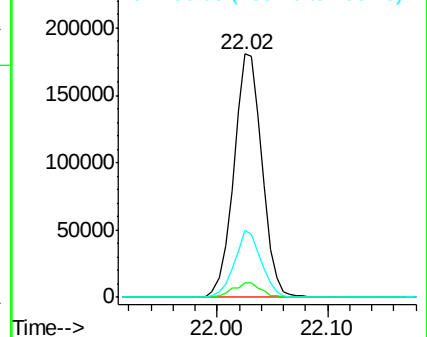
236 27.3 22.2 33.4



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: 56.908 ng

RT: 20.28 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BG028662.D

Acq: 12 Sep 2017 5:40

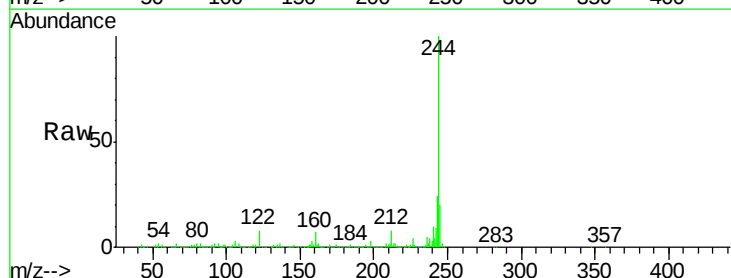
Tgt Ion:244 Resp: 853582

Ion Ratio Lower Upper

244 100

212 7.9 10.0 15.0#

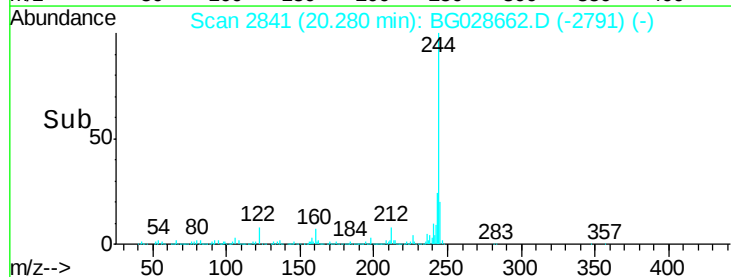
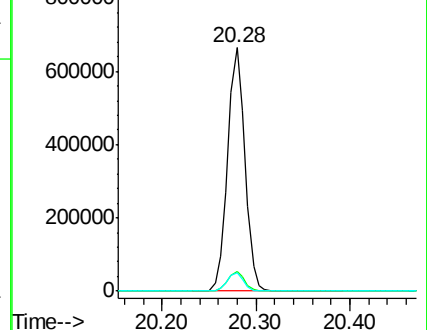
122 7.5 8.6 12.8#

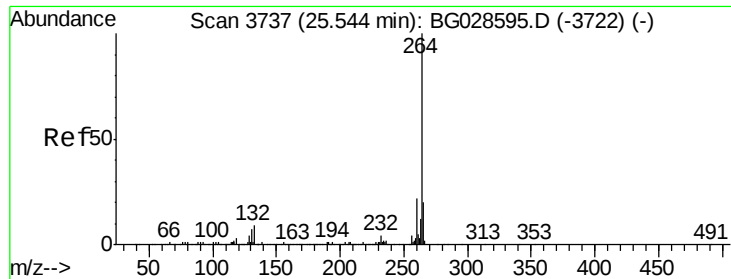


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.53 min Scan# 3735
Delta R.T. -0.01 min
Lab File: BG028662.D
Acq: 12 Sep 2017 5:40

Instrument :
BNA_G
ClientSampleId :
EP-20

Tgt Ion:	264	Resp:	332920
Ion	Ratio	Lower	Upper
264	100		
260	22.5	21.8	32.8
265	22.1	18.2	27.4

