

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091517\
 Data File : BG028773.D
 Acq On : 15 Sep 2017 18:41
 Operator : SJ/JU
 Sample : I5196-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CPS093061

Quant Time: Sep 16 05:35:19 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

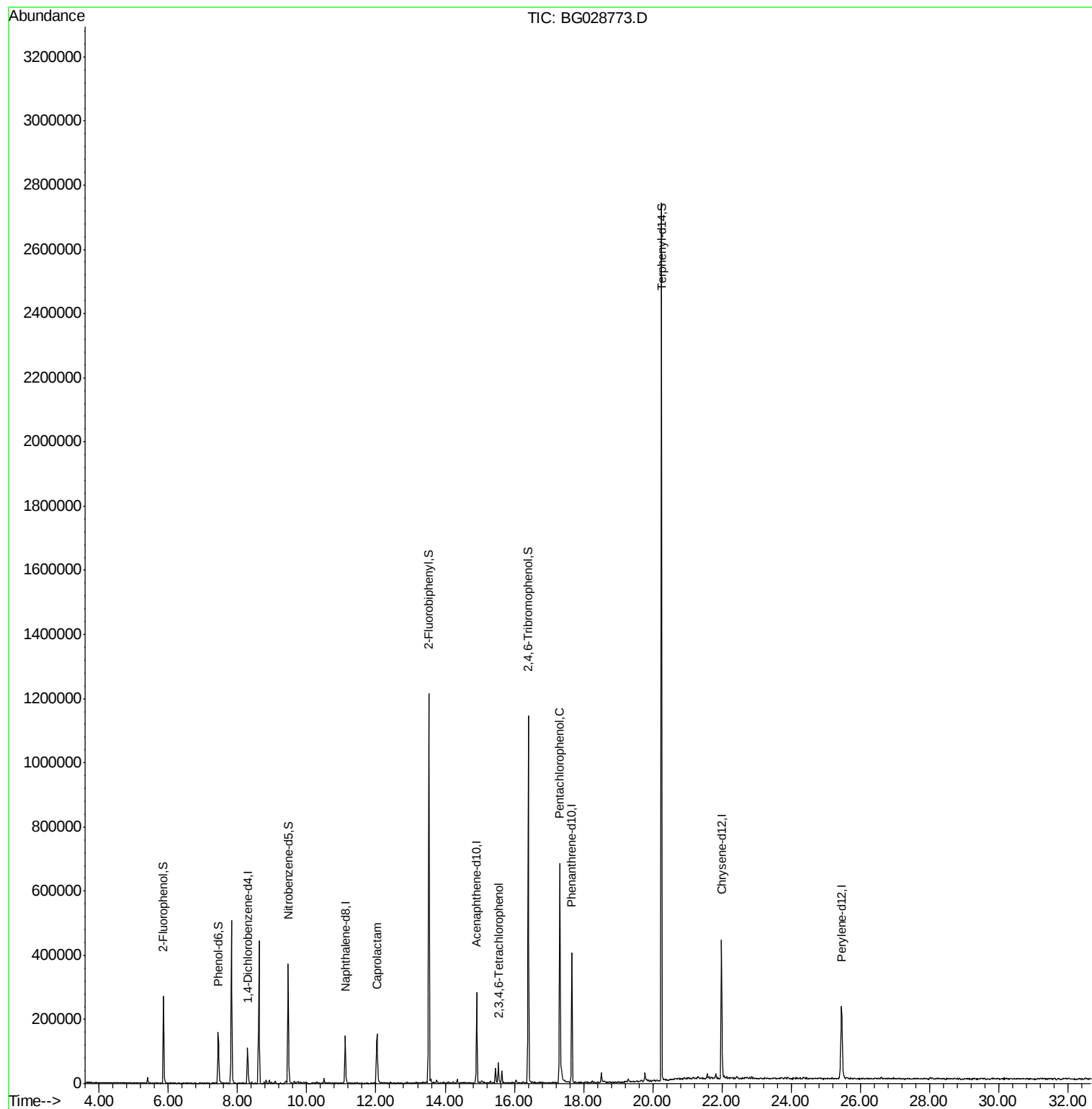
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	32342	20.00	ng	-0.04
21) Naphthalene-d8	11.12	136	129930	20.00	ng	-0.03
38) Acenaphthene-d10	14.91	164	99446	20.00	ng	-0.03
63) Phenanthrene-d10	17.66	188	262255	20.00	ng	-0.03
75) Chrysene-d12	21.98	240	300459	20.00	ng	-0.05
86) Perylene-d12	25.45	264	301730	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	118816	60.62	ng	-0.04
7) Phenol-d6	7.44	99	102499	34.73	ng	-0.05
23) Nitrobenzene-d5	9.46	82	238997	87.99	ng	-0.04
41) 2,4,6-Tribromophenol	16.40	330	244096	148.41	ng	-0.03
44) 2-Fluorobiphenyl	13.53	172	660998	88.63	ng	-0.03
78) Terphenyl-d14	20.25	244	1207945	85.74	ng	-0.03
Target Compounds						
35) Caprolactam	12.03	113	37060	44.393	ng	Qvalue # 87
58) 2,3,4,6-Tetrachlorophenol	15.54	232	16337	7.108	ng	# 95
69) Pentachlorophenol	17.31	266	155891	89.835	ng	94

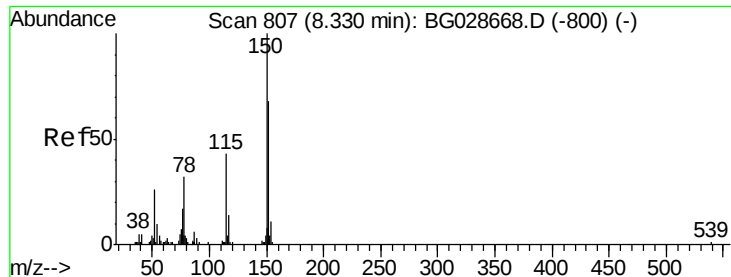
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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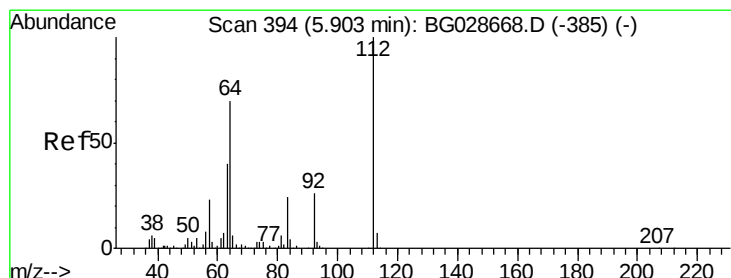
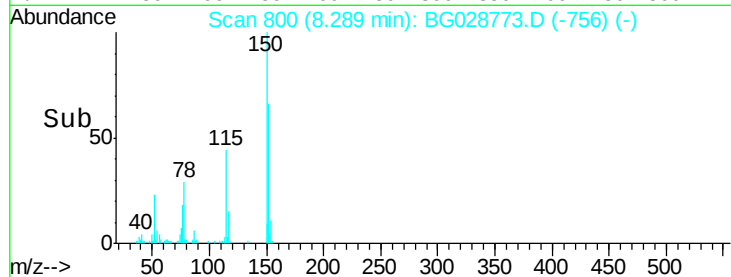
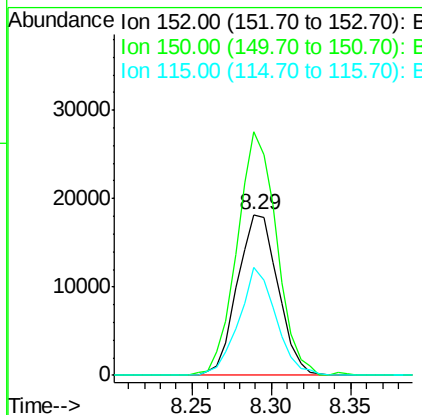
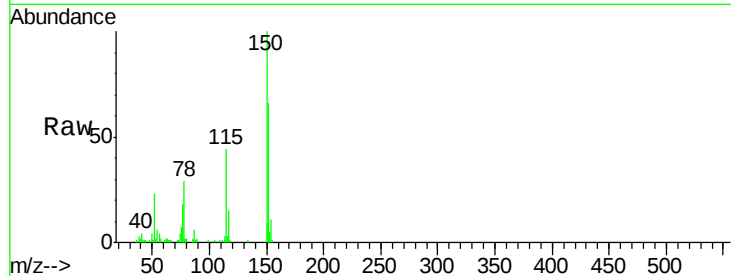


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.29 min Scan# 800
Delta R.T. -0.04 min
Lab File: BG028773.D
Acq: 15 Sep 2017 18:41

Instrument :
BNA_G
ClientSampleId :
CPS093061

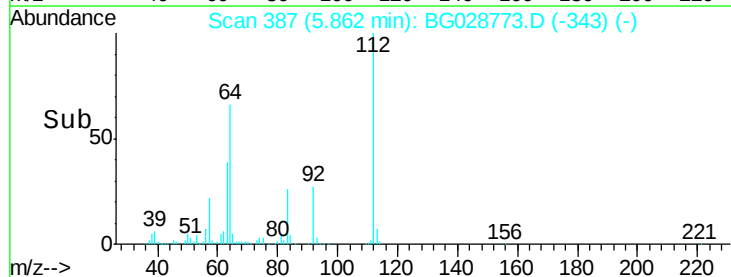
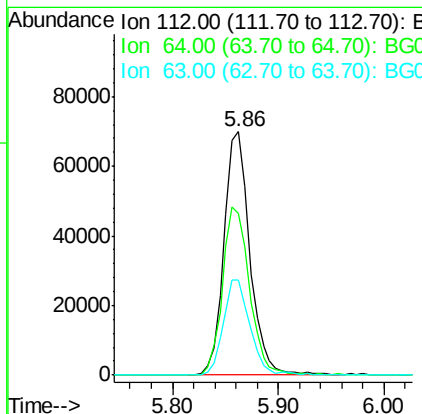
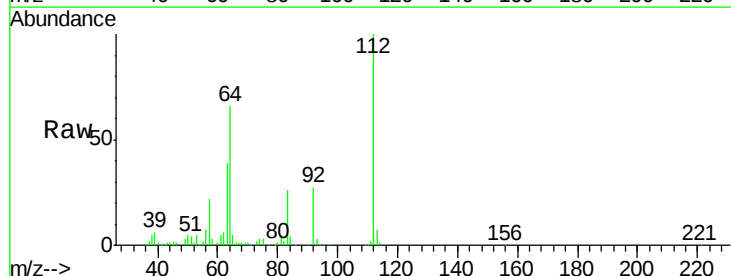
Tgt Ion:152 Resp: 32342
Ion Ratio Lower Upper
152 100
150 151.6 114.0 171.0
115 67.3 48.1 72.1

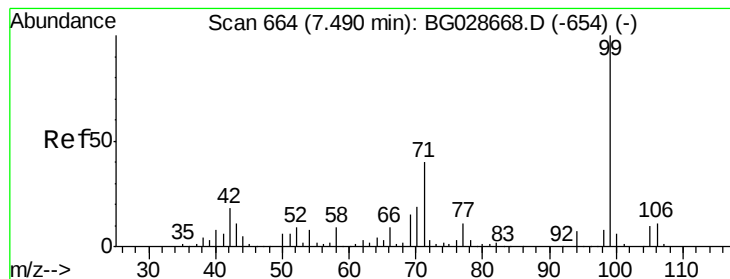


#5

2-Fluorophenol
Concen: 60.618 ng
RT: 5.86 min Scan# 387
Delta R.T. -0.04 min
Lab File: BG028773.D
Acq: 15 Sep 2017 18:41

Tgt Ion:112 Resp: 118816
Ion Ratio Lower Upper
112 100
64 66.4 61.8 92.6
63 39.1 37.2 55.8





#7

Phenol-d6

Concen: 34.732 ng

RT: 7.44 min Scan# 656

Delta R.T. -0.05 min

Lab File: BG028773.D

Acq: 15 Sep 2017 18:41

Instrument :

BNA_G

ClientSampleId :

CPS093061

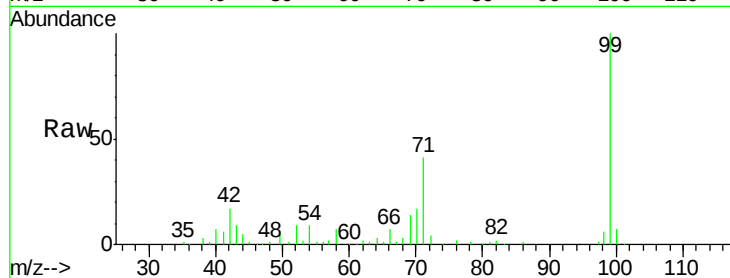
Tgt Ion: 99 Resp: 102499

Ion Ratio Lower Upper

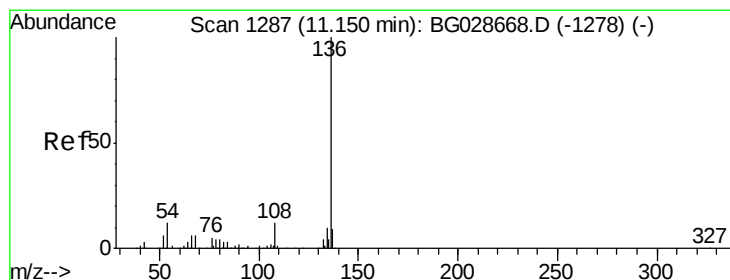
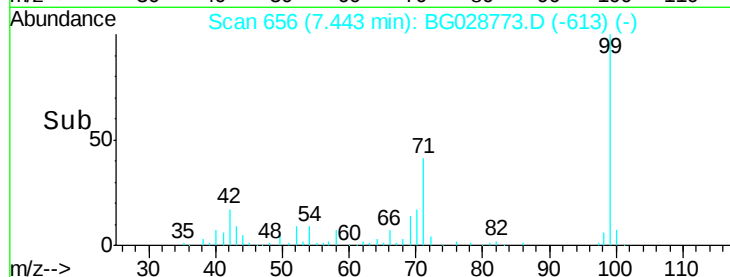
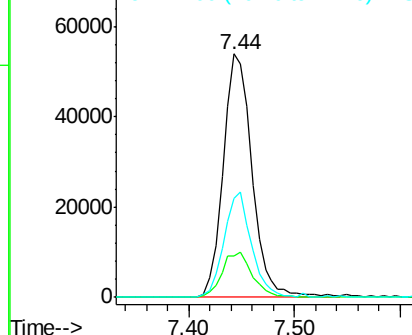
99 100

42 17.1 20.5 30.7#

71 40.5 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.12 min Scan# 1281

Delta R.T. -0.03 min

Lab File: BG028773.D

Acq: 15 Sep 2017 18:41

Tgt Ion: 136 Resp: 129930

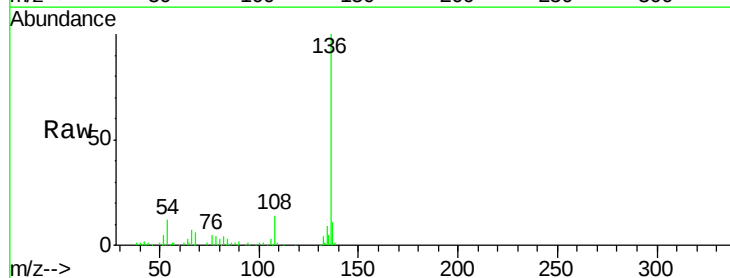
Ion Ratio Lower Upper

136 100

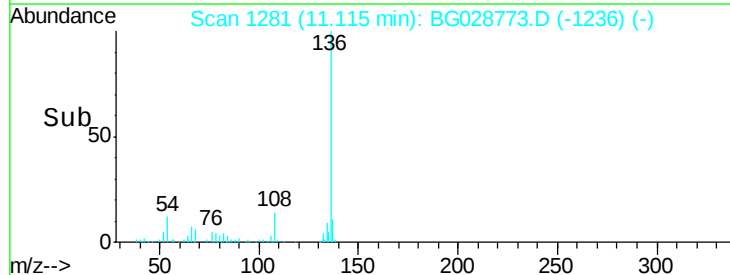
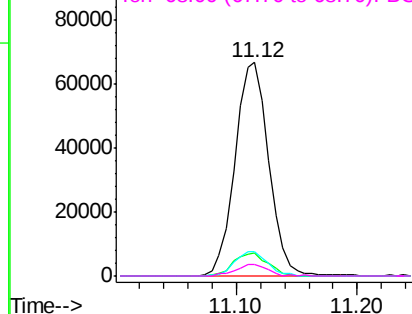
137 10.7 8.9 13.3

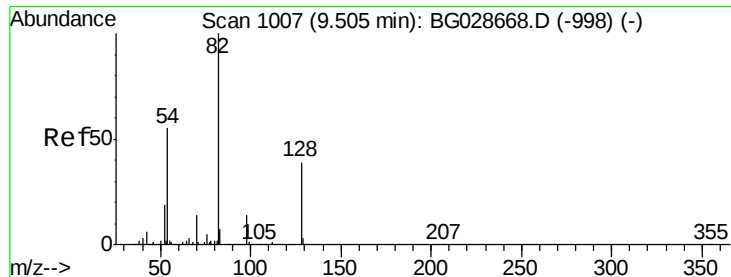
54 11.7 9.3 13.9

68 5.6 5.1 7.7



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

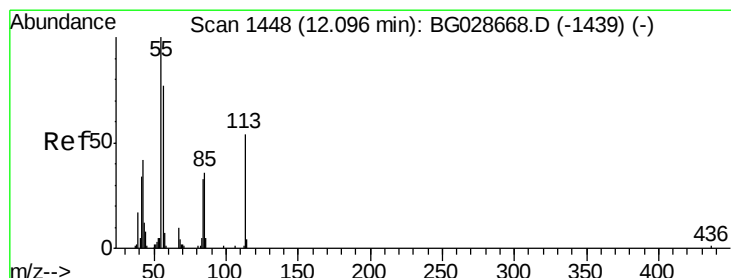
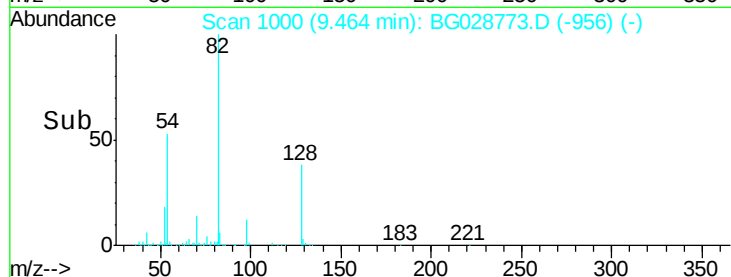
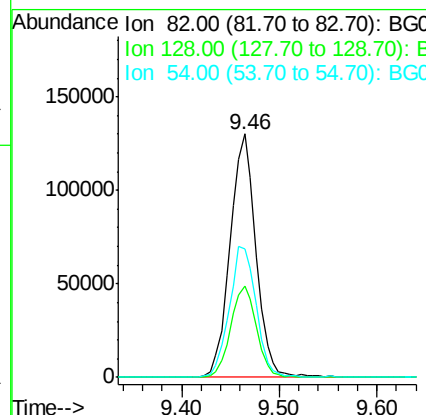
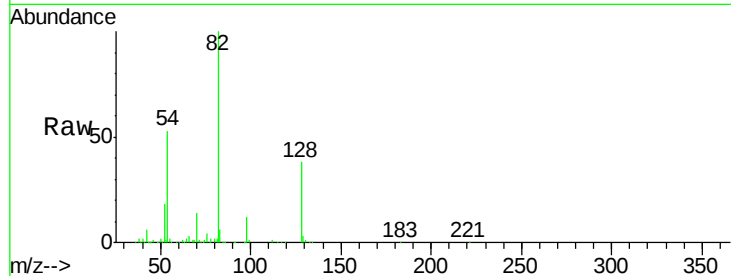




#23
 Nitrobenzene-d5
 Concen: 87.993 ng
 RT: 9.46 min Scan# 1000
 Delta R.T. -0.04 min
 Lab File: BG028773.D
 Acq: 15 Sep 2017 18:41

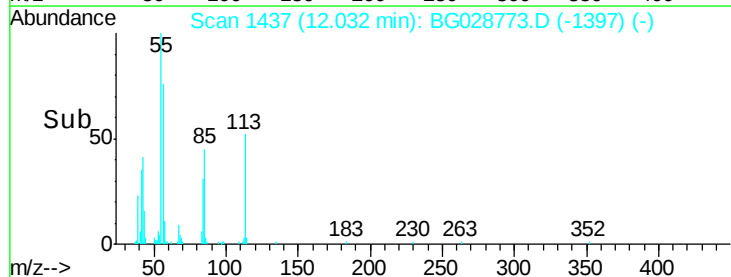
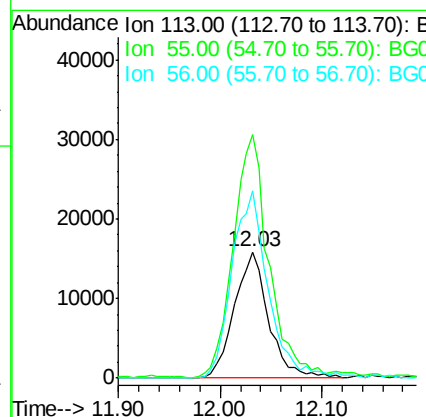
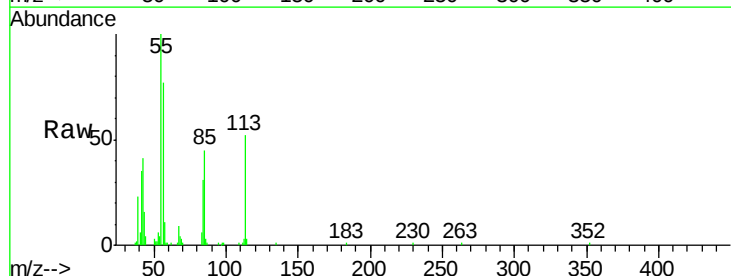
Instrument :
 BNA_G
 ClientSampleId :
 CPS093061

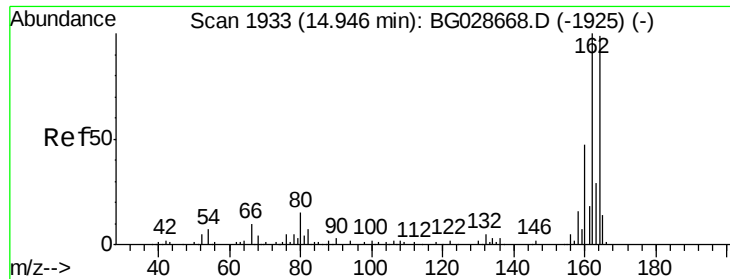
Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.7	26.4	39.6
54	52.8	49.4	74.2



#35
 Caprolactam
 Concen: 44.393 ng
 RT: 12.03 min Scan# 1437
 Delta R.T. -0.06 min
 Lab File: BG028773.D
 Acq: 15 Sep 2017 18:41

Tgt Ion	Ratio	Lower	Upper
113	100		
55	192.8	198.6	238.6#
56	148.0	140.4	180.4

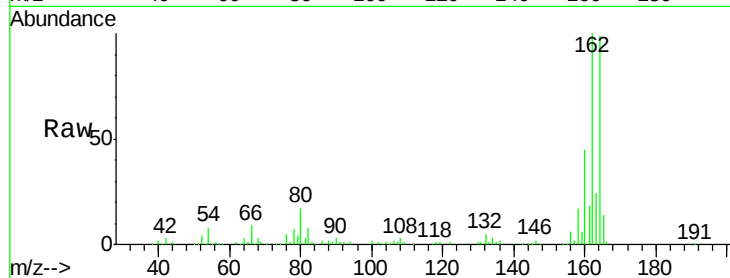




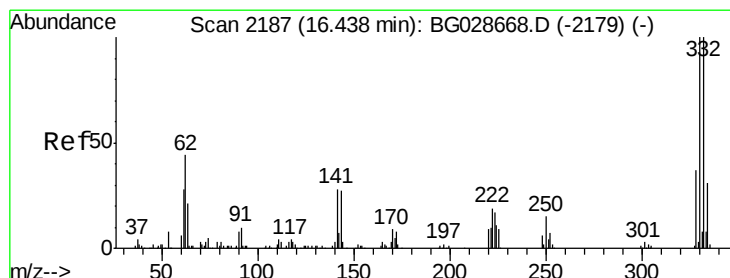
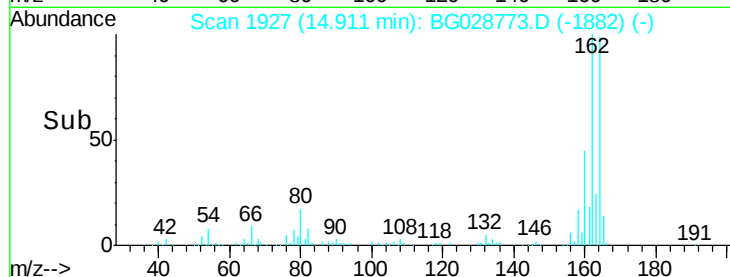
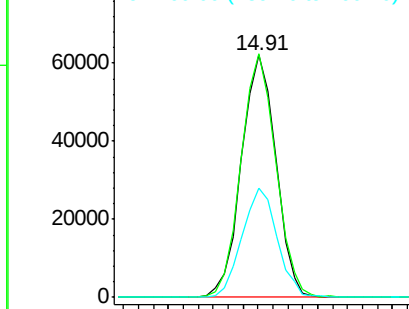
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.91 min Scan# 1927
Delta R.T. -0.03 min
Lab File: BG028773.D
Acq: 15 Sep 2017 18:41

Instrument :
BNA_G
ClientSampleId :
CPS093061

Tgt Ion:164 Resp: 99446
Ion Ratio Lower Upper
164 100
162 100.5 85.1 127.7
160 45.1 34.7 52.1

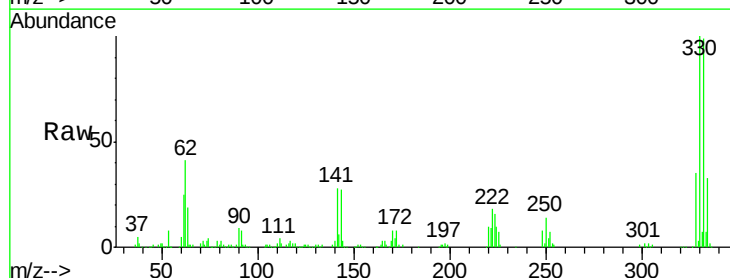


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

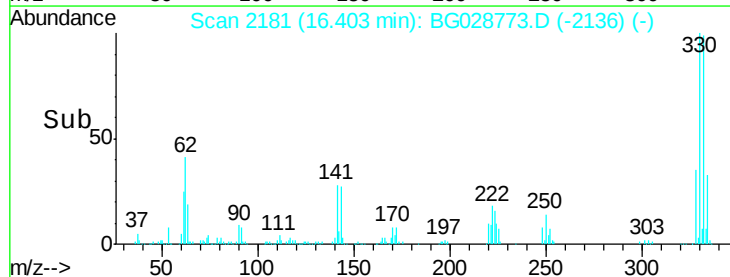
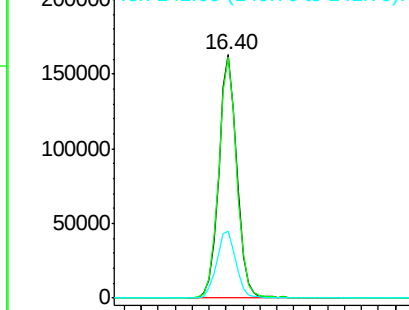


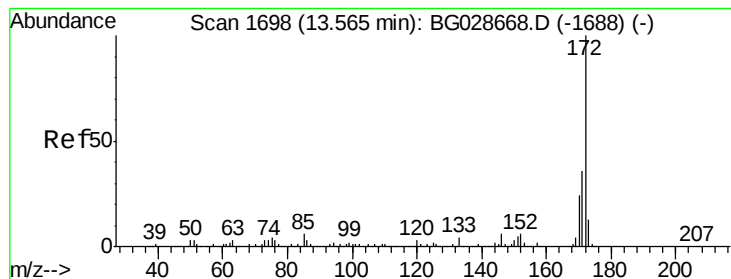
#41
2,4,6-Tribromophenol
Concen: 148.407 ng
RT: 16.40 min Scan# 2181
Delta R.T. -0.03 min
Lab File: BG028773.D
Acq: 15 Sep 2017 18:41

Tgt Ion:330 Resp: 244096
Ion Ratio Lower Upper
330 100
332 98.8 77.3 115.9
141 29.7 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: 88.630 ng

RT: 13.53 min Scan# 1692

Delta R.T. -0.03 min

Lab File: BG028773.D

Acq: 15 Sep 2017 18:41

Instrument :

BNA_G

ClientSampleId :

CPS093061

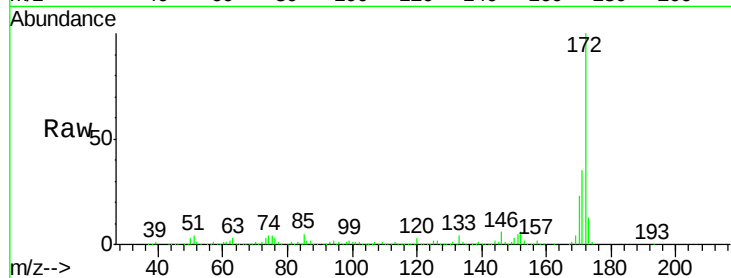
Tgt Ion:172 Resp: 660998

Ion Ratio Lower Upper

172 100

171 34.9 32.2 48.2

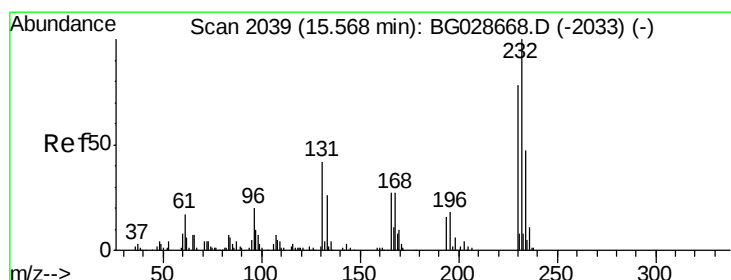
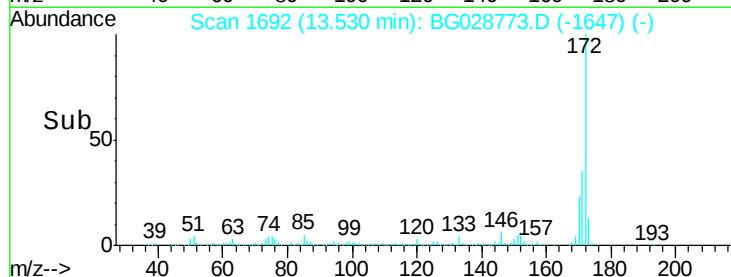
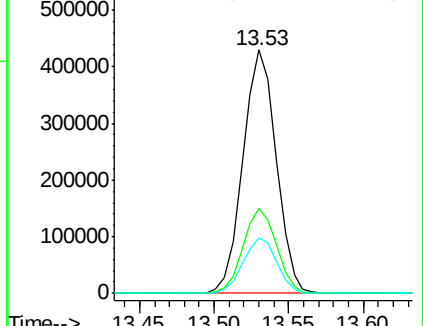
170 22.7 21.8 32.6



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 7.108 ng

RT: 15.54 min Scan# 2034

Delta R.T. -0.03 min

Lab File: BG028773.D

Acq: 15 Sep 2017 18:41

Tgt Ion:232 Resp: 16337

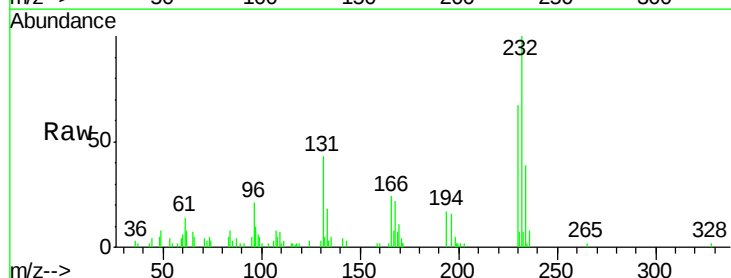
Ion Ratio Lower Upper

232 100

131 40.3 34.9 52.3

130 3.8 2.3 3.5#

166 27.1 24.2 36.4

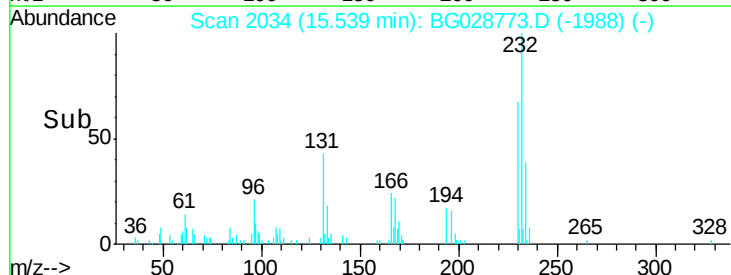
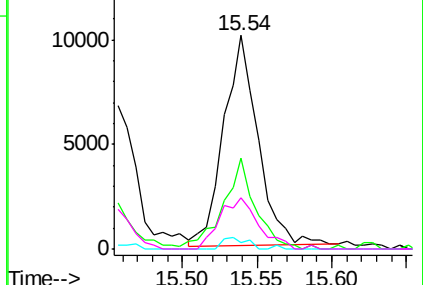


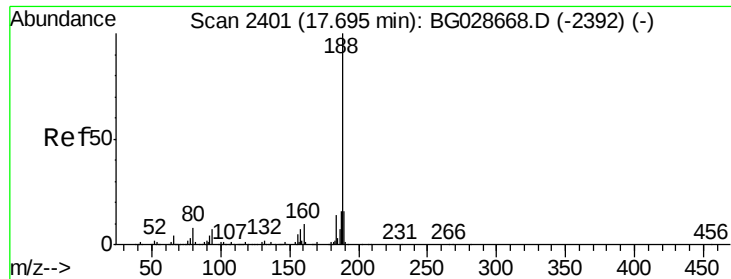
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

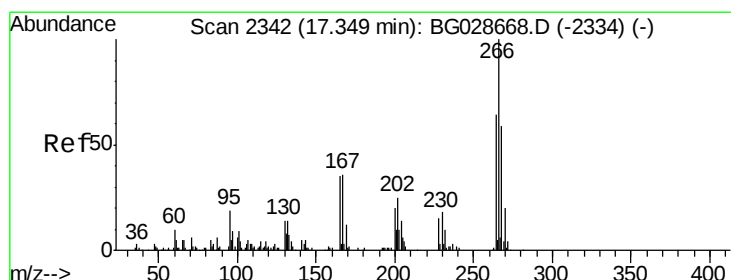
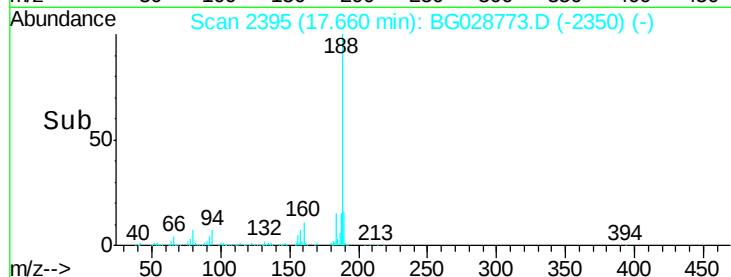
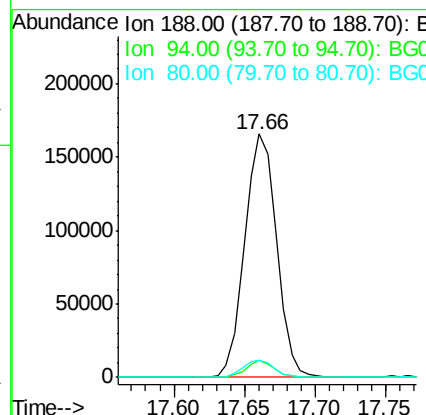
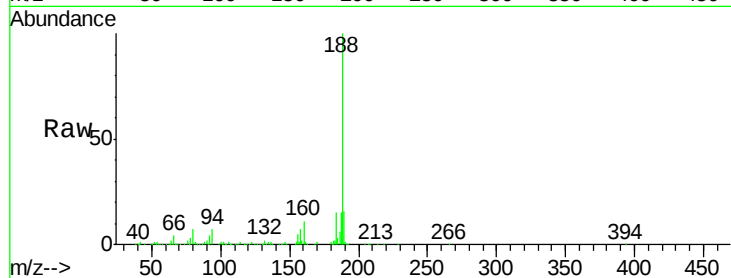




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.66 min Scan# 2395
Delta R.T. -0.03 min
Lab File: BG028773.D
Acq: 15 Sep 2017 18:41

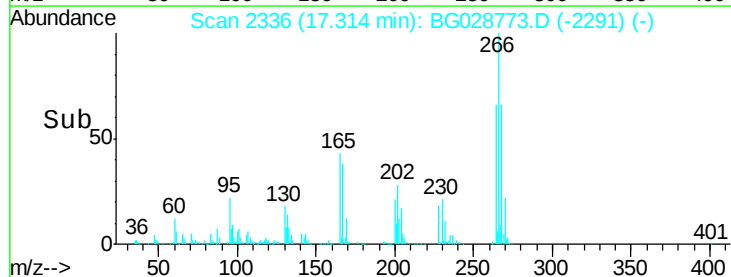
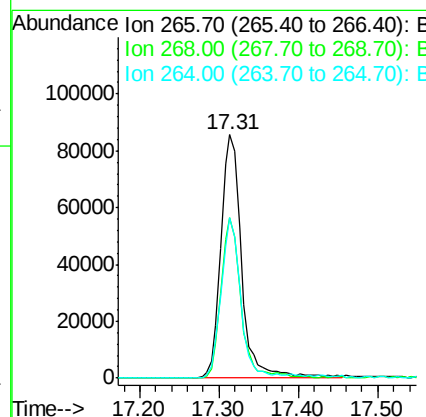
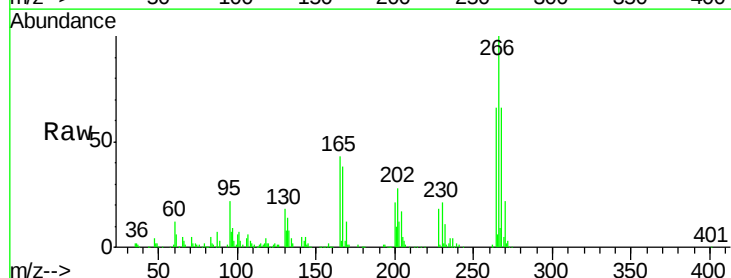
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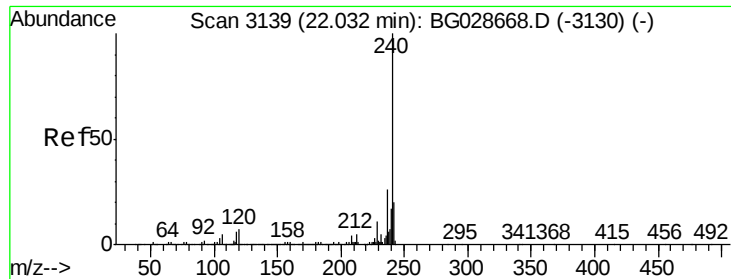
Tgt Ion:188 Resp: 262255
Ion Ratio Lower Upper
188 100
94 7.0 5.8 8.8
80 7.1 7.5 11.3#



#69
Pentachlorophenol
Concen: 89.835 ng
RT: 17.31 min Scan# 2336
Delta R.T. -0.03 min
Lab File: BG028773.D
Acq: 15 Sep 2017 18:41

Tgt Ion:266 Resp: 155891
Ion Ratio Lower Upper
266 100
268 66.0 48.6 72.8
264 66.0 50.1 75.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.98 min Scan# 3131

Delta R.T. -0.05 min

Lab File: BG028773.D

Acq: 15 Sep 2017 18:41

Instrument :

BNA_G

ClientSampleId :

CPS093061

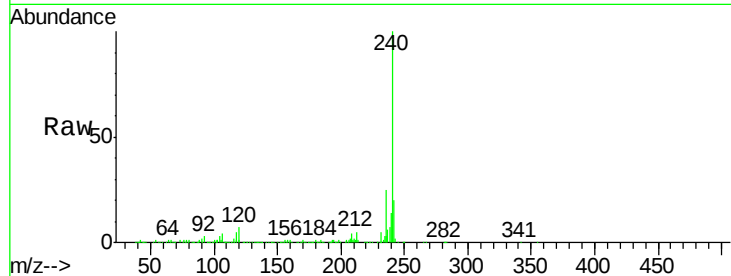
Tgt Ion:240 Resp: 300459

Ion Ratio Lower Upper

240 100

120 6.6 5.7 8.5

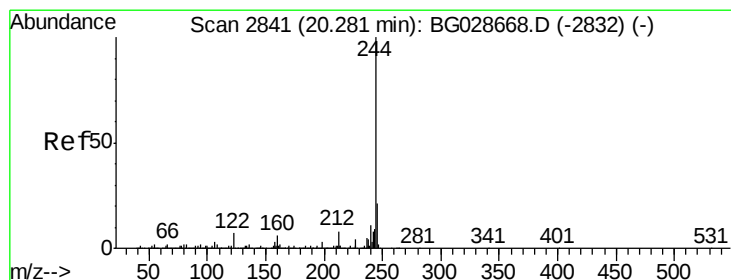
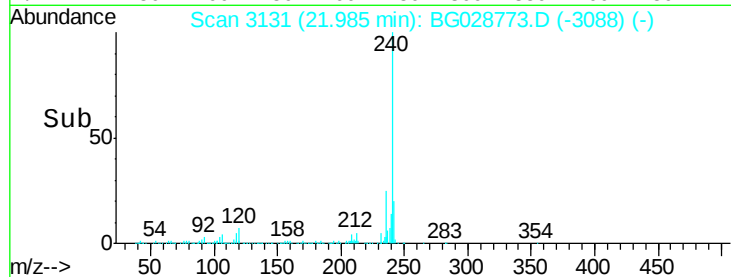
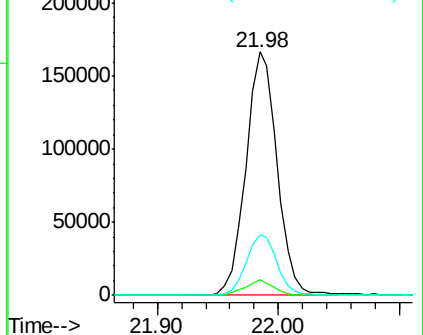
236 24.8 22.2 33.4



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: 85.736 ng

RT: 20.25 min Scan# 2836

Delta R.T. -0.03 min

Lab File: BG028773.D

Acq: 15 Sep 2017 18:41

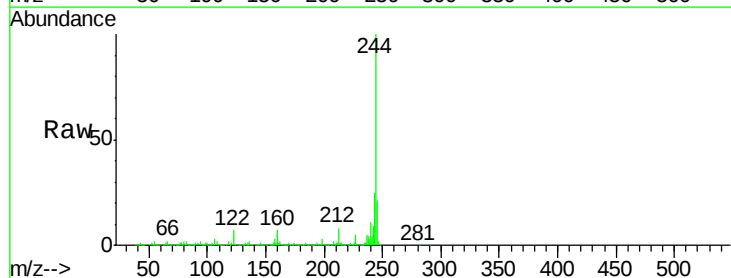
Tgt Ion:244 Resp: 1207945

Ion Ratio Lower Upper

244 100

212 7.9 10.0 15.0#

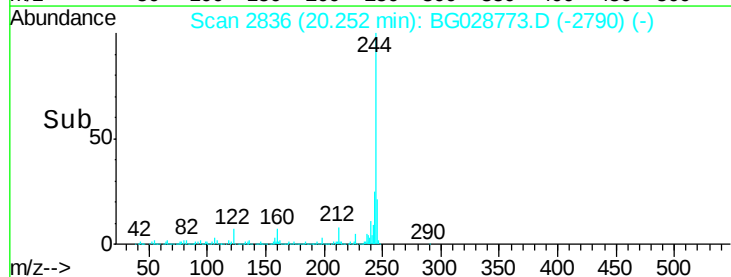
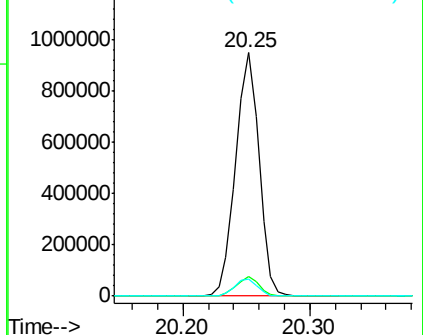
122 7.0 8.6 12.8#

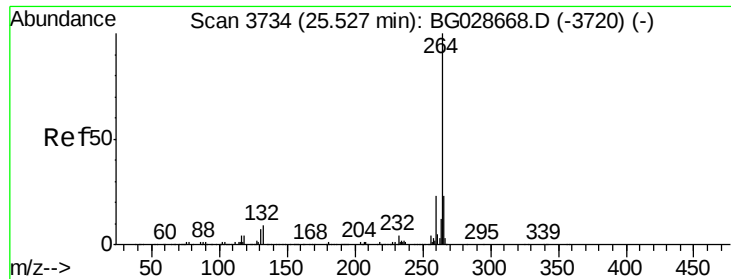


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

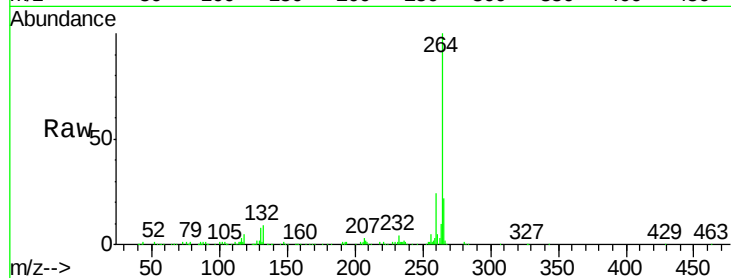




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.45 min Scan# 3721
Delta R.T. -0.08 min
Lab File: BG028773.D
Acq: 15 Sep 2017 18:41

Instrument :
BNA_G
ClientSampleId :
CPS093061

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	21.8	32.8
265	22.5	18.2	27.4



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

