

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091417\
 Data File : BG028735.D
 Acq On : 14 Sep 2017 16:42
 Operator : SJ/JU
 Sample : I5187-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20170601-COMP-B

Quant Time: Sep 15 07:49:50 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

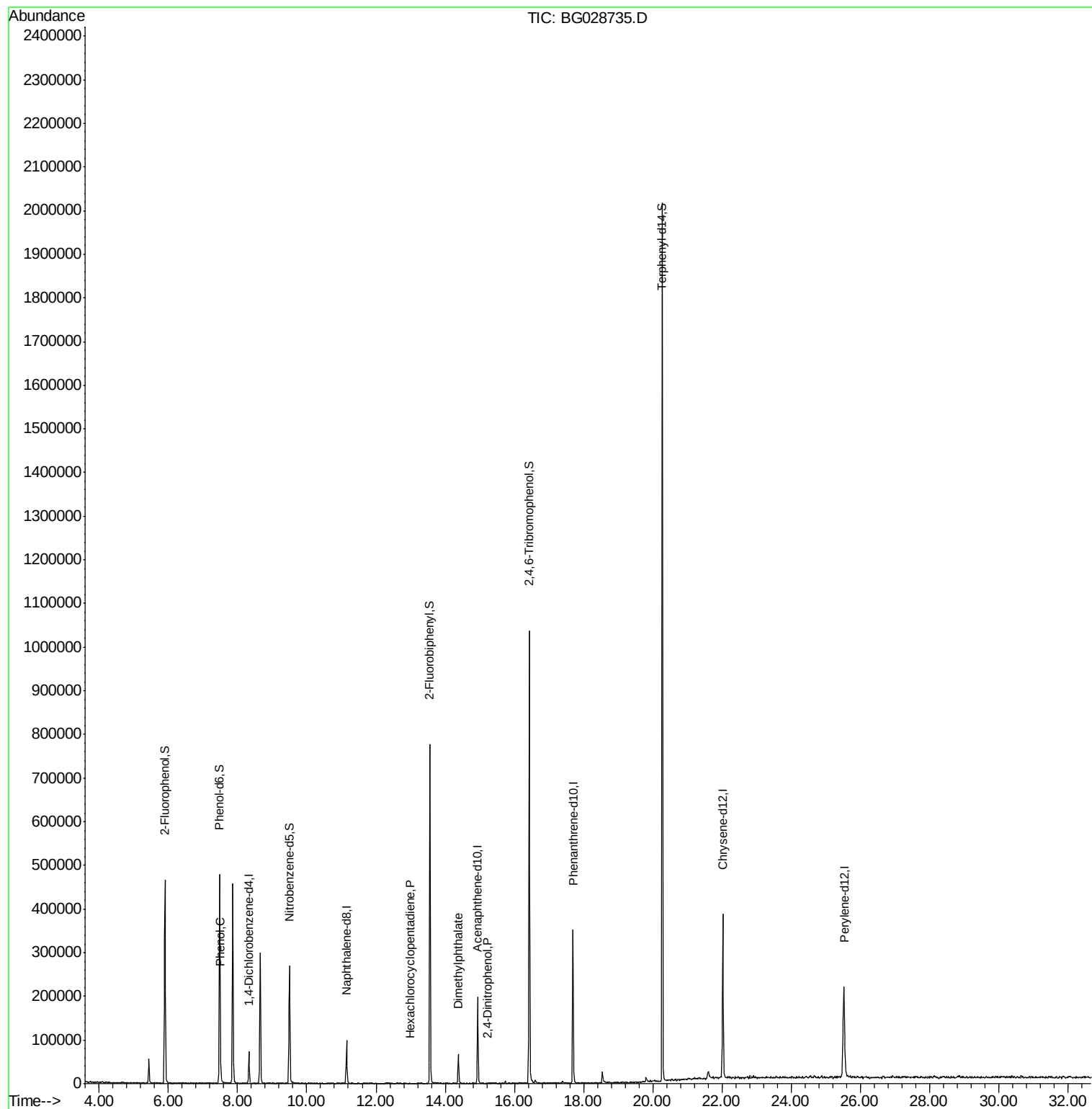
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	21953	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	89962	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	76631	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	236704	20.00	ng	0.00
75) Chrysene-d12	22.02	240	269477	20.00	ng	0.00
86) Perylene-d12	25.53	264	277189	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	207316	155.82	ng	0.00
7) Phenol-d6	7.48	99	291427	145.48	ng	0.00
23) Nitrobenzene-d5	9.50	82	184890	98.32	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	232851	183.72	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	436304	75.92	ng	0.00
78) Terphenyl-d14	20.27	244	986090	78.04	ng	0.00
Target Compounds						
10) Phenol	7.51	94	7488	3.542	ng	# 82
40) Hexachlorocyclopentadiene	12.99	237	54	7.643	ng	# 29
49) Dimethylphthalate	14.38	163	53473	8.321	ng	97
53) 2,4-Dinitrophenol	15.23	184	73	8.089	ng	# 15

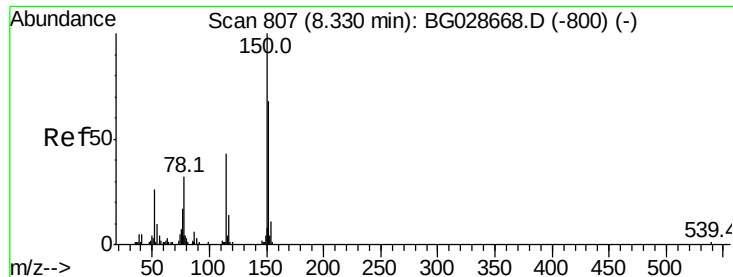
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 12 16:57:11 2017
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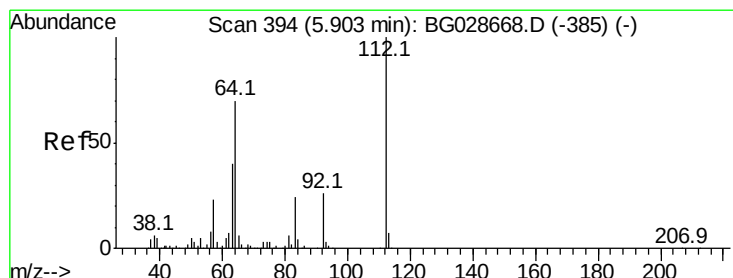
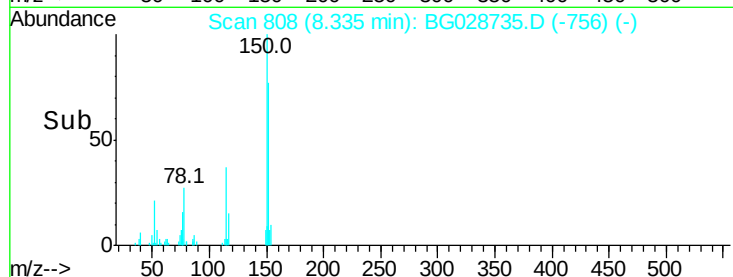
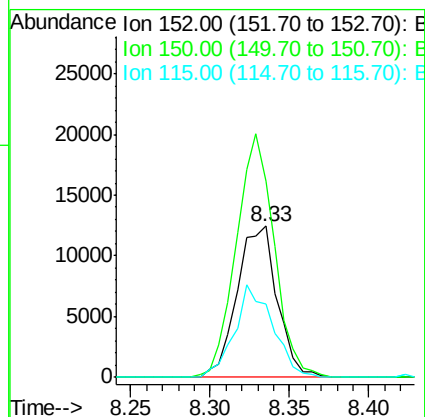
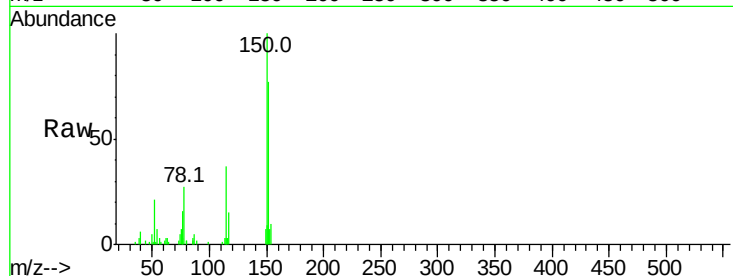


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.33 min Scan# 808
Delta R.T. 0.00 min
Lab File: BG028735.D
Acq: 14 Sep 2017 16:42

Instrument :
BNA_G
ClientSampleId :
20170601-COMP-B

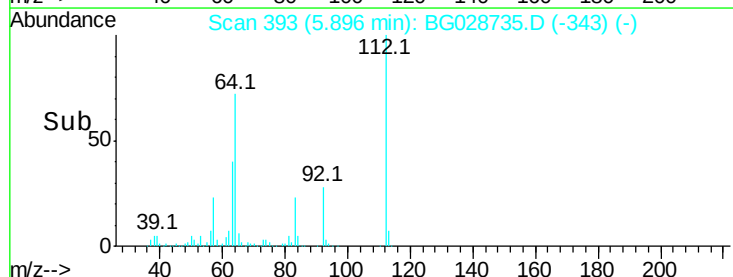
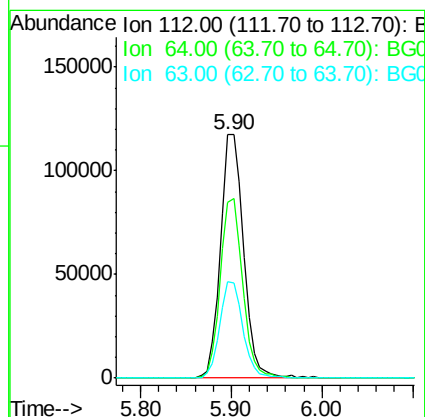
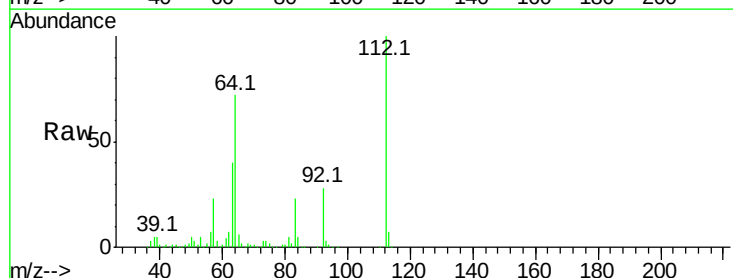
Tot Ion:152 Resp: 21953
Ion Ratio Lower Upper
152 100
150 130.2 114.0 171.0
115 48.7 48.1 72.1

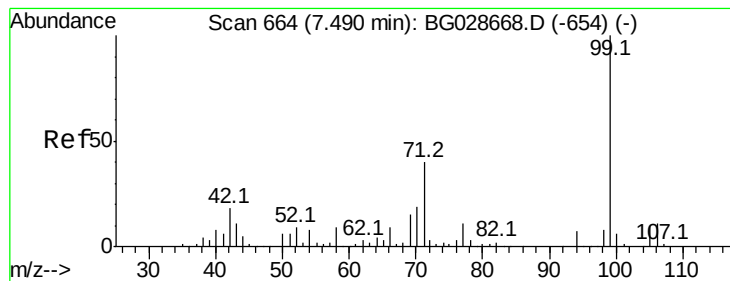


#5

2-Fluorophenol
Concen: 155.825 ng
RT: 5.90 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG028735.D
Acq: 14 Sep 2017 16:42

Tgt Ion:112 Resp: 207316
Ion Ratio Lower Upper
112 100
64 72.2 61.8 92.6
63 39.7 37.2 55.8





#7

Phenol-d6

Concen: 145.485 ng

RT: 7.48 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG028735.D

Acq: 14 Sep 2017 16:42

Instrument :

BNA_G

ClientSampleId :

20170601-COMP-B

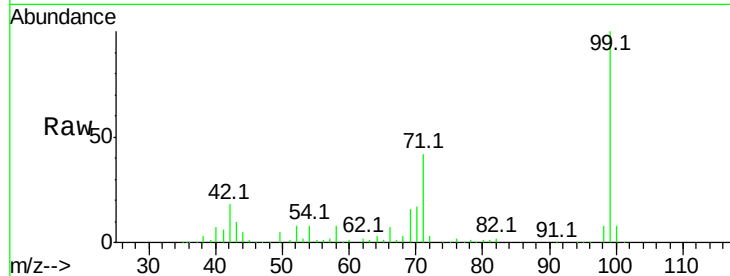
Tot Ion: 99 Resp: 291427

Ion Ratio Lower Upper

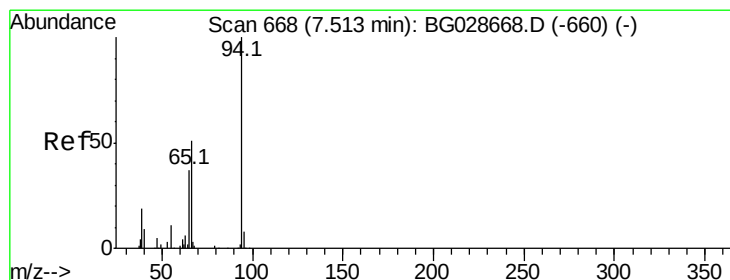
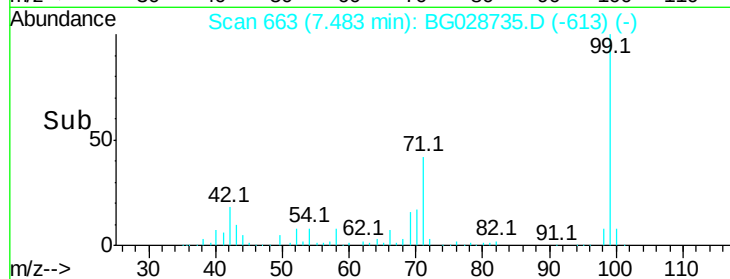
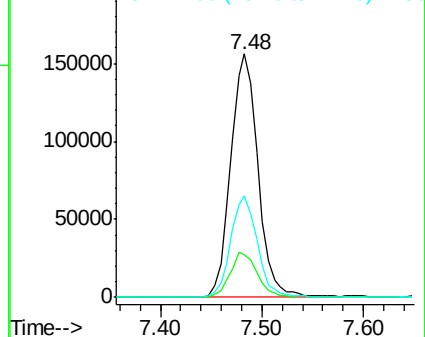
99 100

42 17.7 20.5 30.7#

71 41.6 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: 3.542 ng

RT: 7.51 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG028735.D

Acq: 14 Sep 2017 16:42

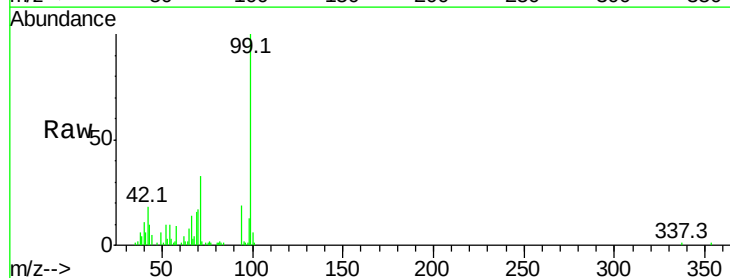
Tgt Ion: 94 Resp: 7488

Ion Ratio Lower Upper

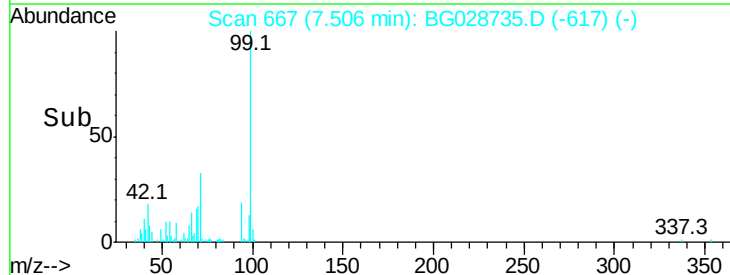
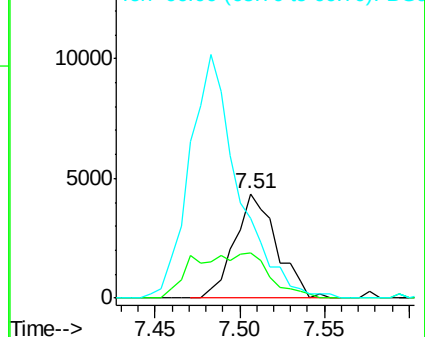
94 100

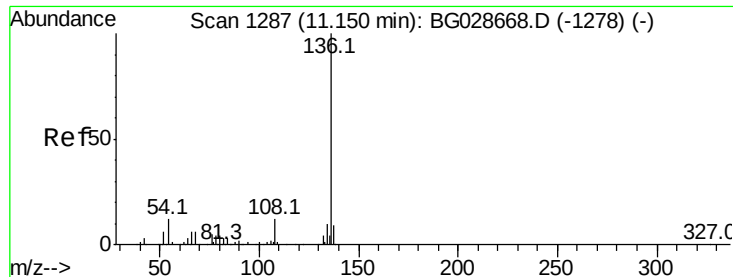
65 42.9 20.6 60.6

66 75.9 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

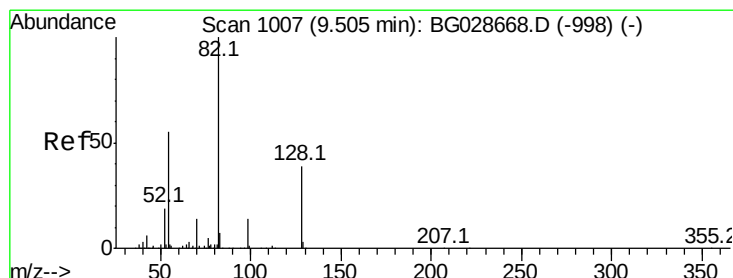
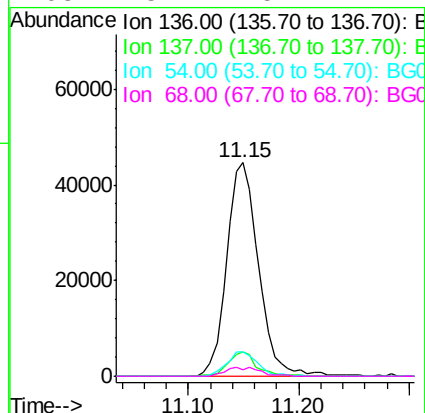
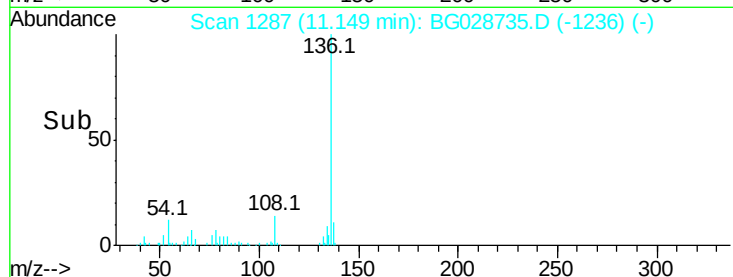
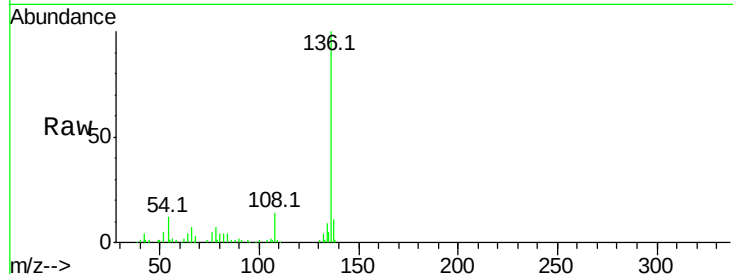




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.15 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BG028735.D
Acq: 14 Sep 2017 16:42

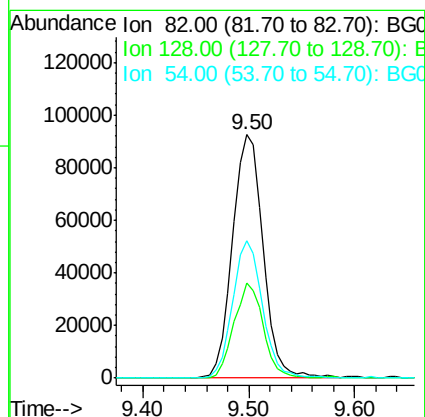
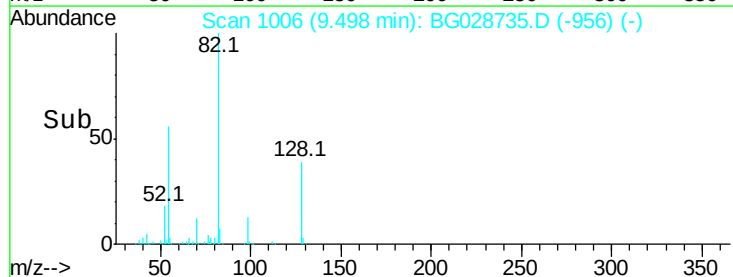
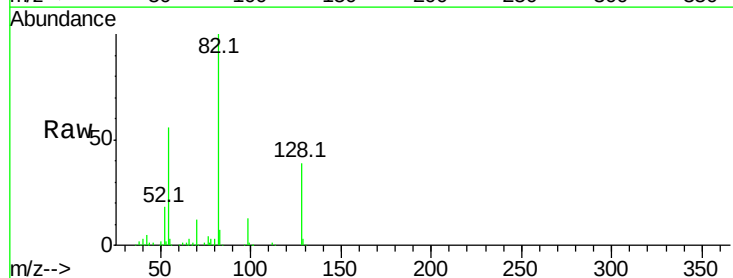
Instrument :
BNA_G
ClientSampleId :
20170601-COMP-B

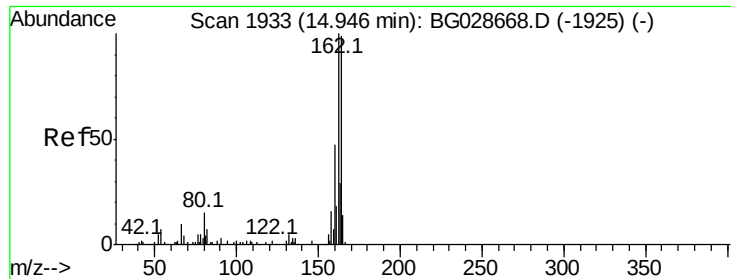
Tot Ion:	136	Resp:	89962
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	11.6	9.3	13.9
68	3.2	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 98.315 ng
RT: 9.50 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG028735.D
Acq: 14 Sep 2017 16:42

Tgt Ion:	82	Resp:	184890
Ion	Ratio	Lower	Upper
82	100		
128	39.1	26.4	39.6
54	56.3	49.4	74.2





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.94 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BG028735.D

Acq: 14 Sep 2017 16:42

Instrument :

BNA_G

ClientSampleId :

20170601-COMP-B

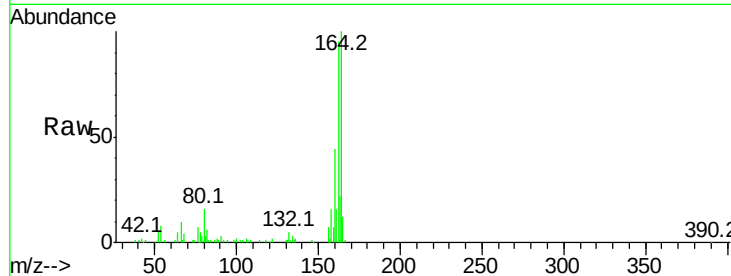
Tot Ion:164 Resp: 76631

Ion Ratio Lower Upper

164 100

162 95.1 85.1 127.7

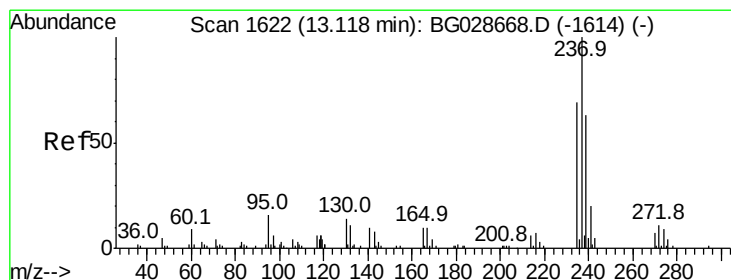
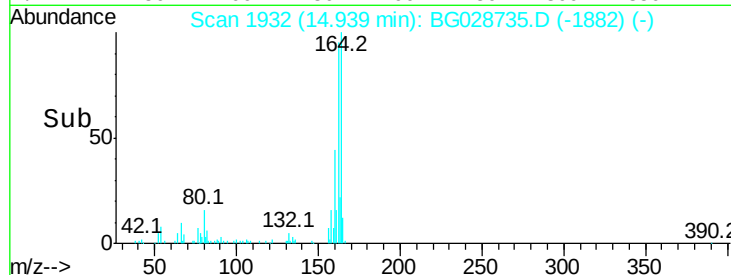
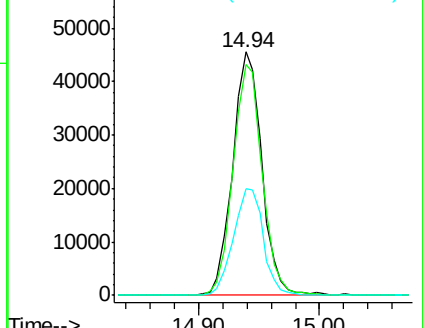
160 43.9 34.7 52.1



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: 7.643 ng

RT: 12.99 min Scan# 1601

Delta R.T. -0.12 min

Lab File: BG028735.D

Acq: 14 Sep 2017 16:42

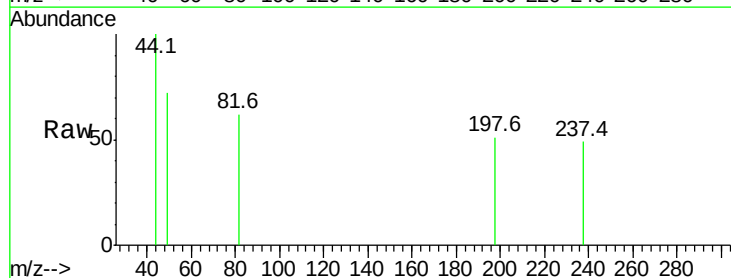
Tgt Ion:237 Resp: 54

Ion Ratio Lower Upper

237 100

235 0.0 39.4 79.4#

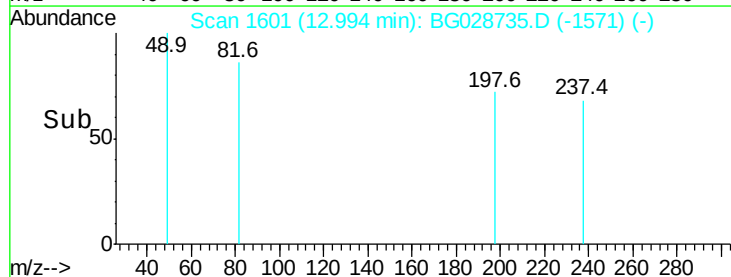
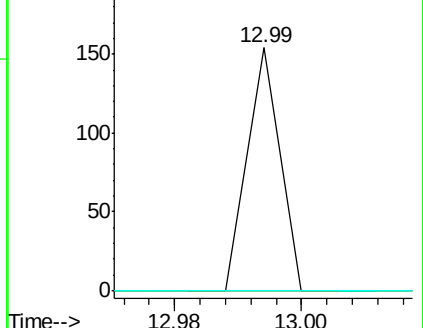
272 0.0 0.0 32.0

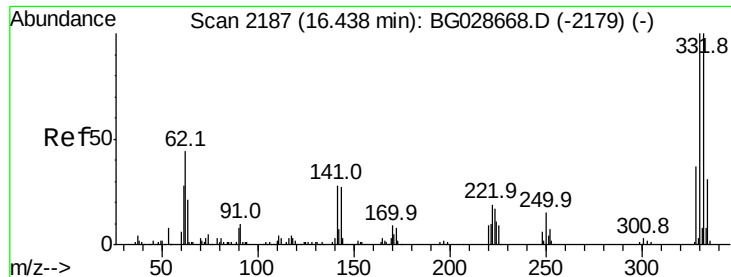


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

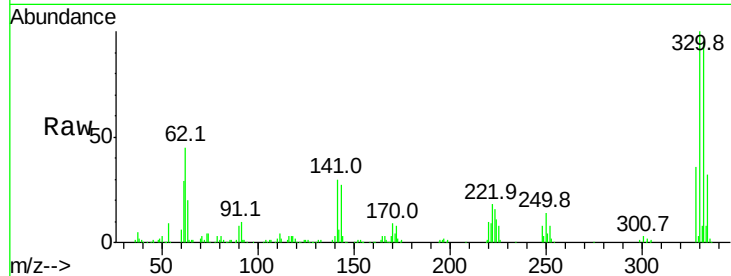




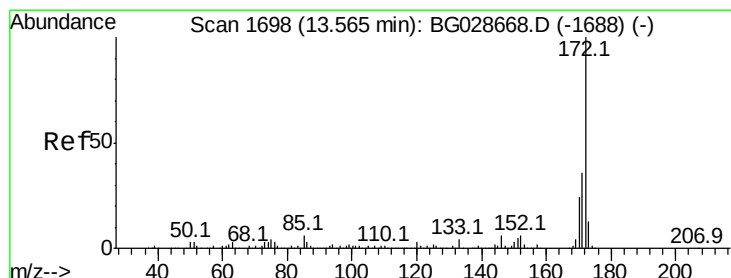
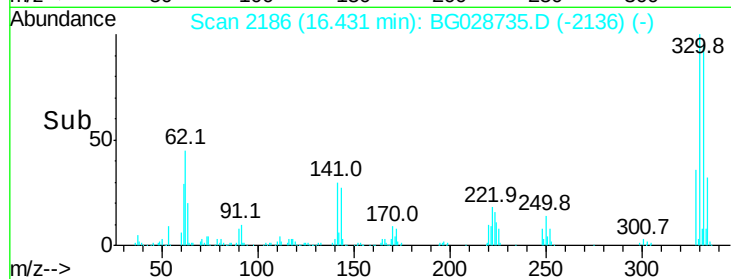
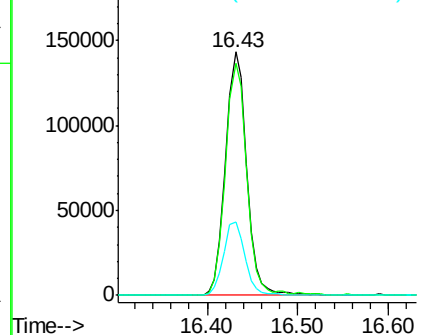
#41
 2,4,6-Tribromophenol
 Concen: 183.719 ng
 RT: 16.43 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: BG028735.D
 Acq: 14 Sep 2017 16:42

Instrument :
 BNA_G
 ClientSampleId :
 20170601-COMP-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.3	115.9
141	30.5	32.1	48.1#

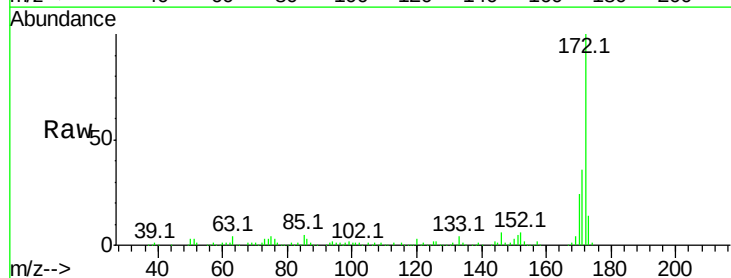


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

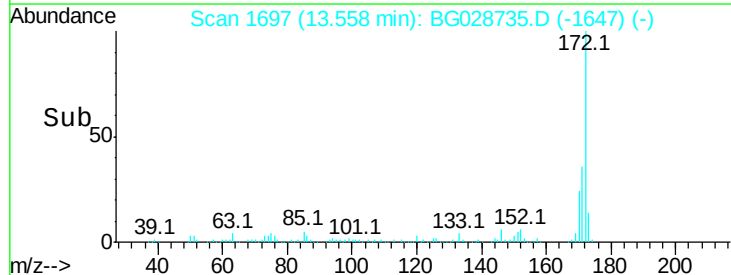
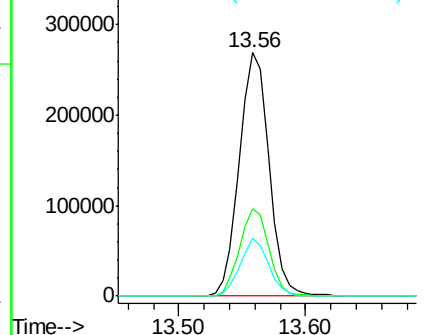


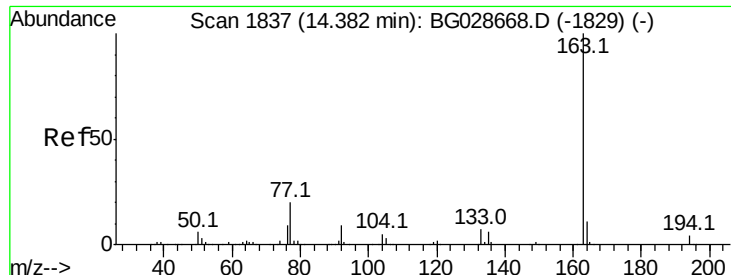
#44
 2-Fluorobiphenyl
 Concen: 75.919 ng
 RT: 13.56 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BG028735.D
 Acq: 14 Sep 2017 16:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	32.2	48.2
170	23.7	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

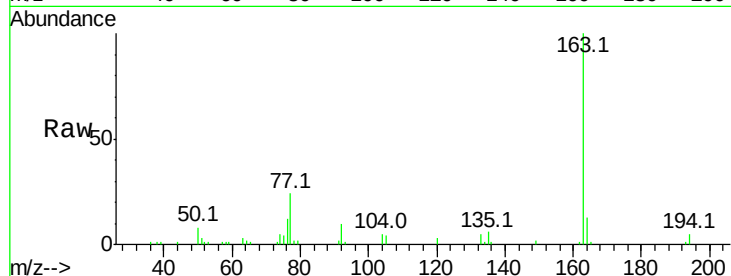




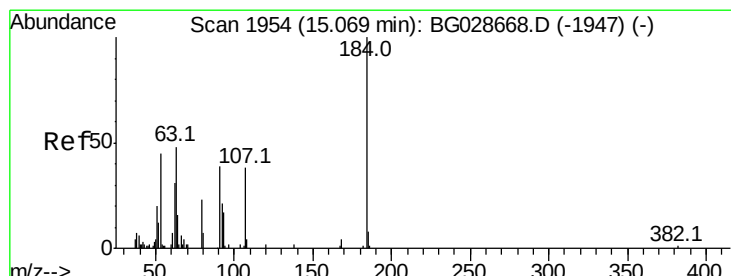
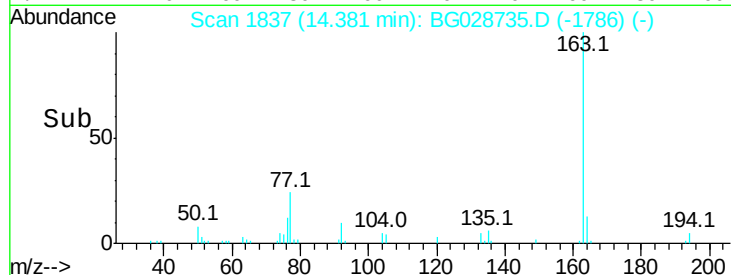
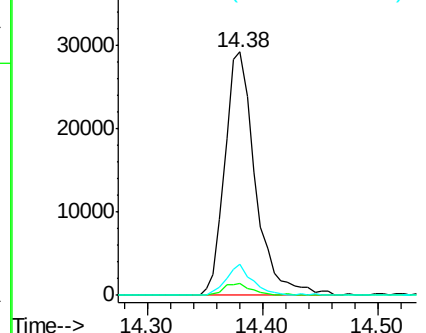
#49
Dimethylphthalate
Concen: 8.321 ng
RT: 14.38 min Scan# 1837
Delta R.T. -0.00 min
Lab File: BG028735.D
Acq: 14 Sep 2017 16:42

Instrument :
BNA_G
ClientSampleId :
20170601-COMP-B

Tot Ion:163 Resp: 53473
Ion Ratio Lower Upper
163 100
194 4.7 3.8 5.6
164 13.0 9.3 13.9

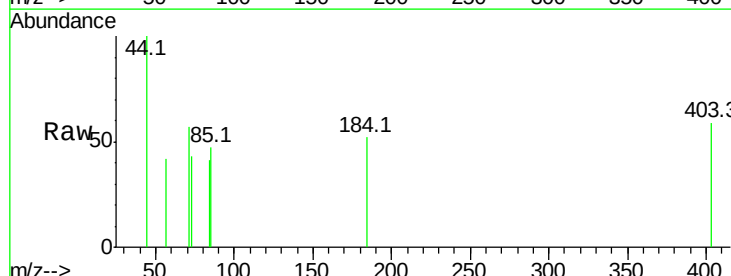


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

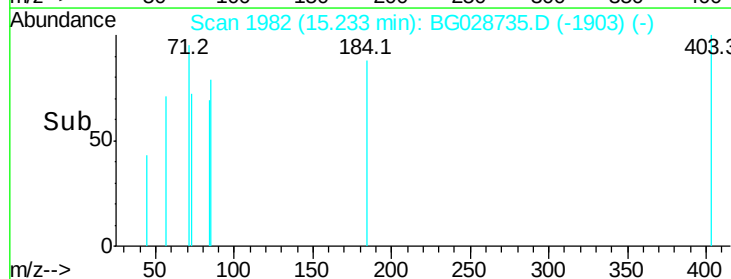
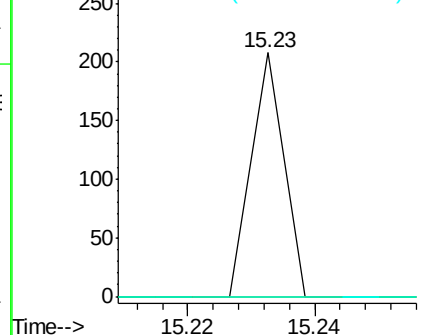


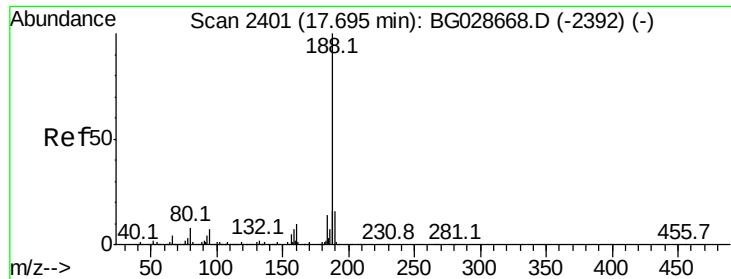
#53
2,4-Dinitrophenol
Concen: 8.089 ng
RT: 15.23 min Scan# 1982
Delta R.T. 0.16 min
Lab File: BG028735.D
Acq: 14 Sep 2017 16:42

Tgt Ion:184 Resp: 73
Ion Ratio Lower Upper
184 100
63 0.0 52.7 79.1#
154 0.0 57.3 85.9#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

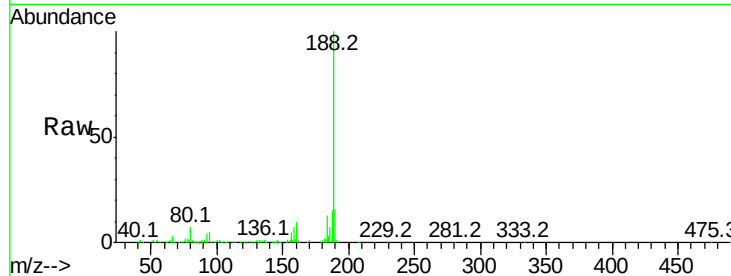




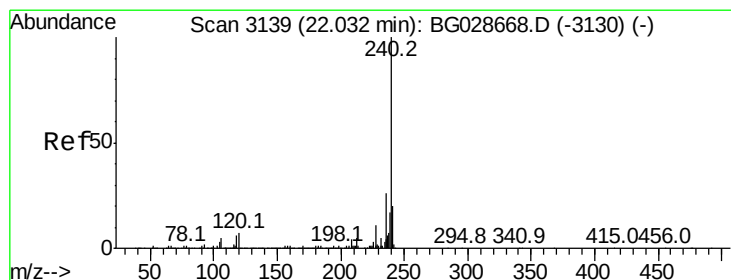
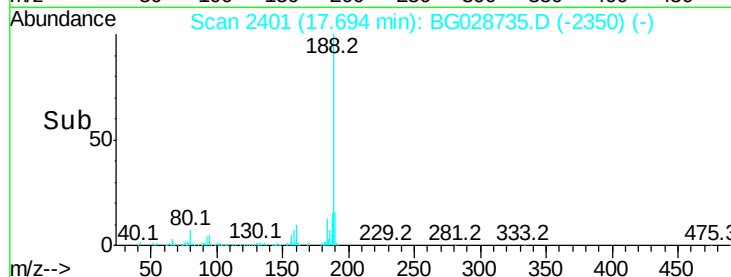
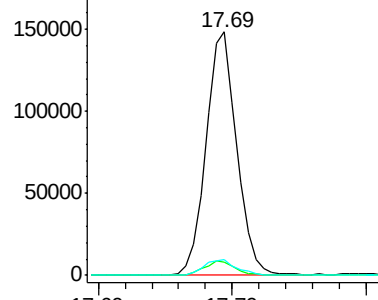
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.69 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG028735.D
Acq: 14 Sep 2017 16:42

Instrument :
BNA_G
ClientSampleId :
20170601-COMP-B

Tot Ion:188 Resp: 236704
Ion Ratio Lower Upper
188 100
94 5.2 5.8 8.8#
80 6.7 7.5 11.3#

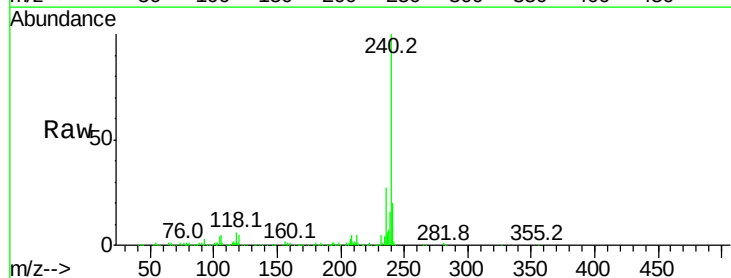


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

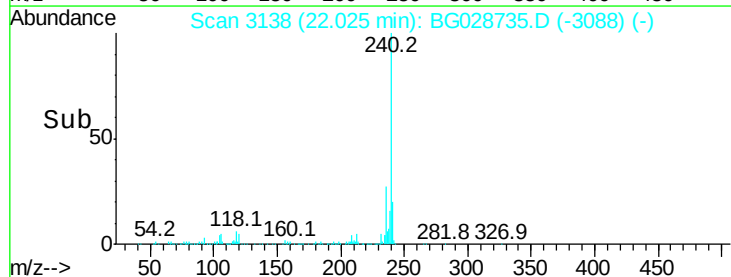
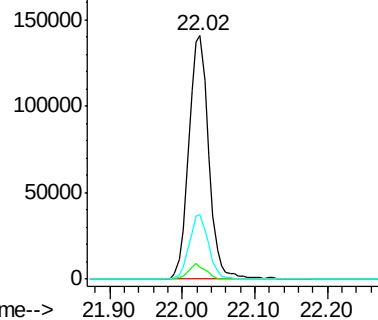


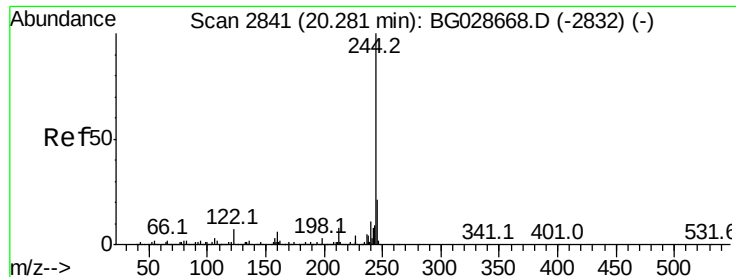
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.02 min Scan# 3138
Delta R.T. -0.01 min
Lab File: BG028735.D
Acq: 14 Sep 2017 16:42

Tgt Ion:240 Resp: 269477
Ion Ratio Lower Upper
240 100
120 5.0 5.7 8.5#
236 26.5 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: 78.036 ng

RT: 20.27 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BG028735.D

Acq: 14 Sep 2017 16:42

Instrument :

BNA_G

ClientSampleId :

20170601-COMP-B

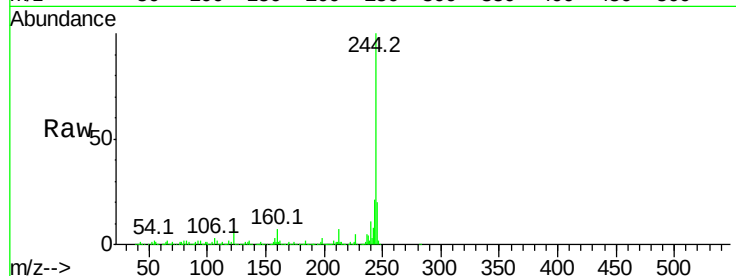
Tot Ion:244 Resp: 986090

Ion Ratio Lower Upper

244 100

212 7.4 10.0 15.0#

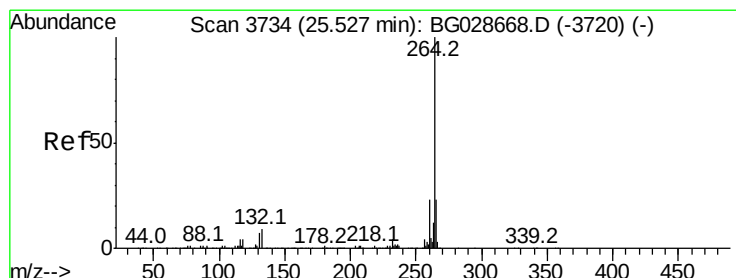
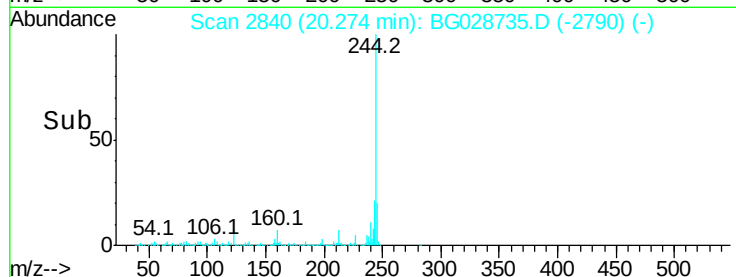
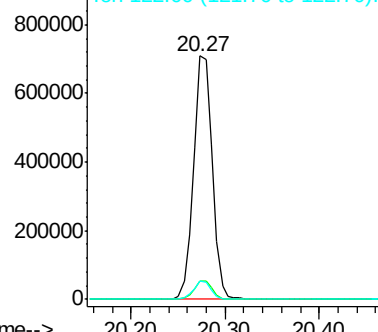
122 7.3 8.6 12.8#



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# 3734

Delta R.T. -0.00 min

Lab File: BG028735.D

Acq: 14 Sep 2017 16:42

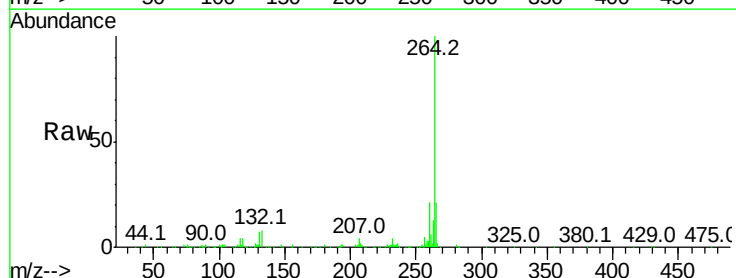
Tgt Ion:264 Resp: 277189

Ion Ratio Lower Upper

264 100

260 21.3 21.8 32.8#

265 21.3 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

