

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG093019\
 Data File : BG042960.D
 Acq On : 1 Oct 2019 3:13
 Operator : JU
 Sample : K5054-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PAT-091019-C

Quant Time: Oct 01 08:10:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

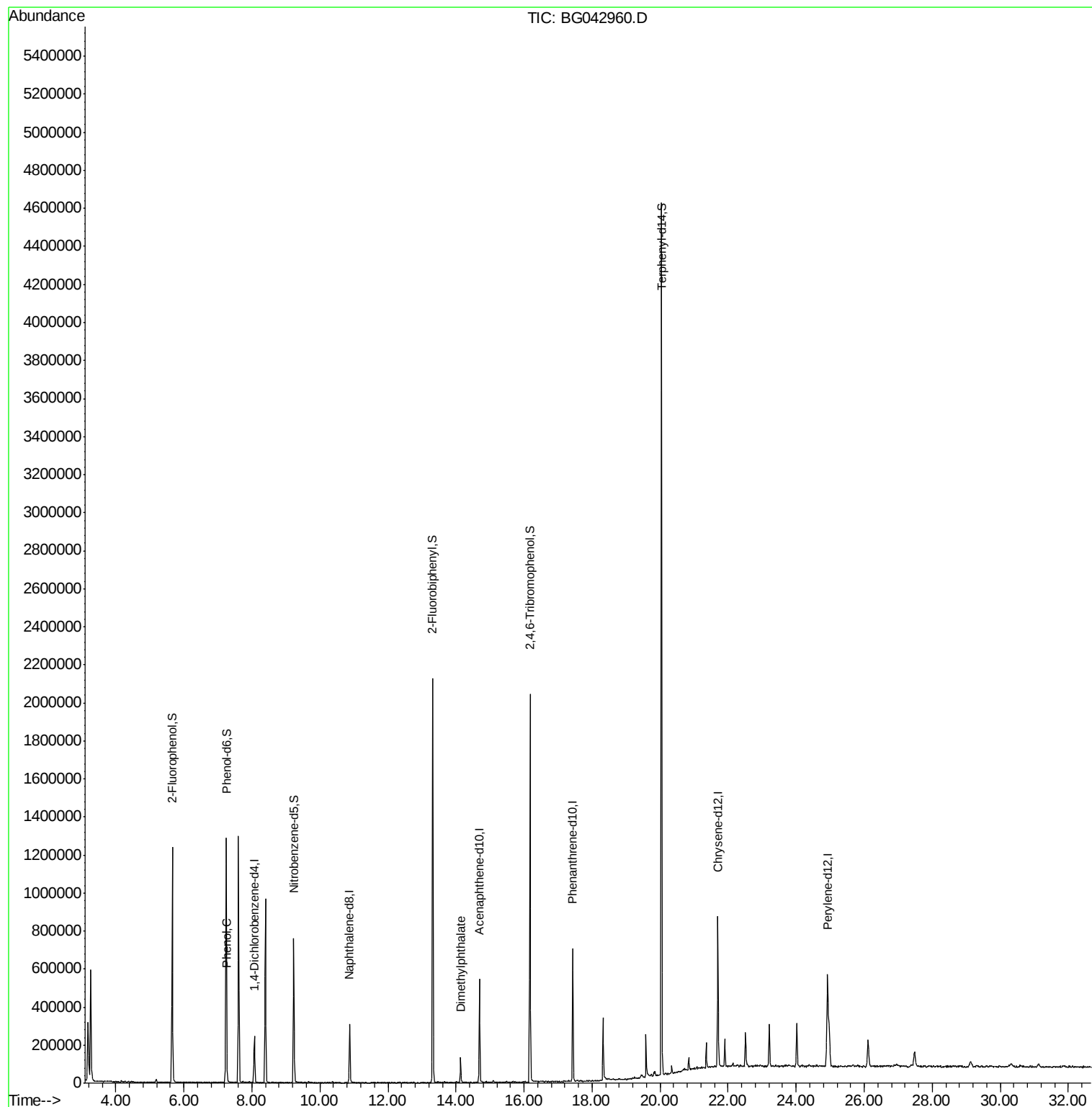
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	69255	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	257869	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	181096	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	433540	20.00	ng	0.00
76) Chrysene-d12	21.70	240	484692	20.00	ng	-0.02
87) Perylene-d12	24.92	264	546897	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	513689	132.37	ng	0.00
7) Phenol-d6	7.24	99	723396	129.45	ng	0.00
23) Nitrobenzene-d5	9.23	82	465580	87.76	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	429989	138.08	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1148803	91.96	ng	-0.01
79) Terphenyl-d14	20.04	244	2137227	93.96	ng	0.00
Target Compounds						
10) Phenol	7.27	94	11030	2.151	ng	83
50) Dimethylphthalate	14.14	163	90323	6.657	ng	99

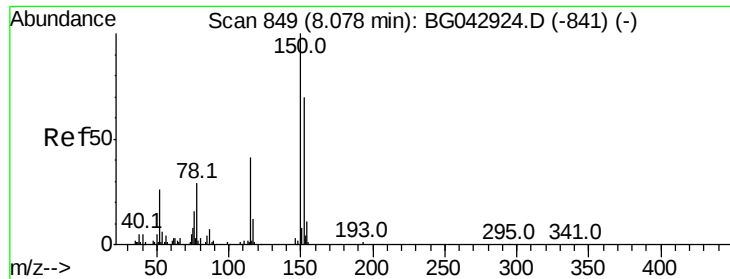
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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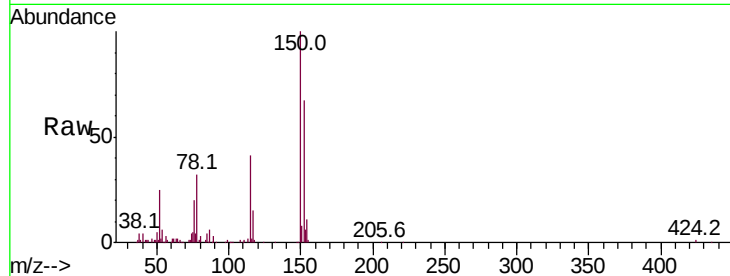


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG042960.D
Acq: 1 Oct 2019 3:13

Instrument :
BNA_G
ClientSampleId :
PAT-091019-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.3	115.0	172.4
115	60.6	47.0	70.6



Abundance

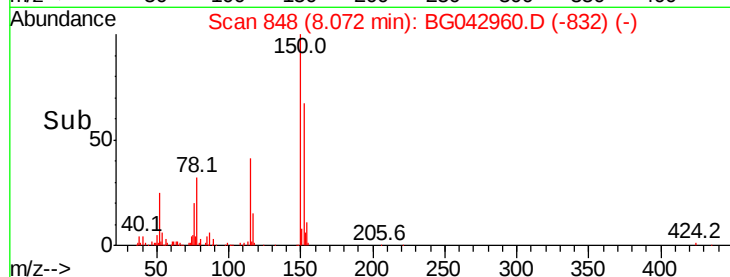
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

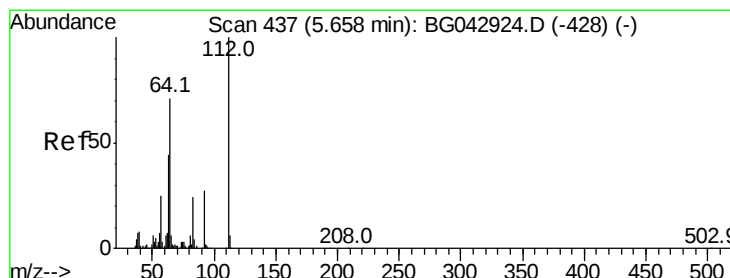
Ion 115.00 (114.70 to 115.70): E

8.07

Time-->



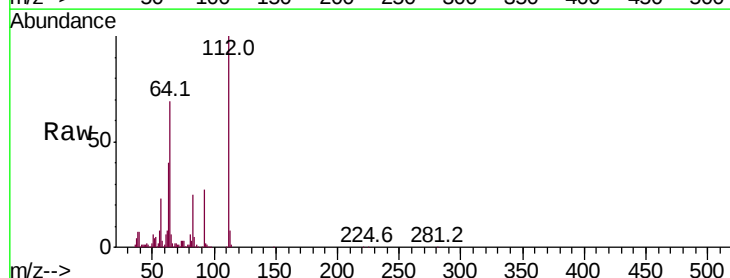
Time-->



#5

2-Fluorophenol
Concen: 132.372 ng
RT: 5.66 min Scan# 437
Delta R.T. -0.00 min
Lab File: BG042960.D
Acq: 1 Oct 2019 3:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.2	56.6	84.8
63	39.6	35.1	52.7



Abundance

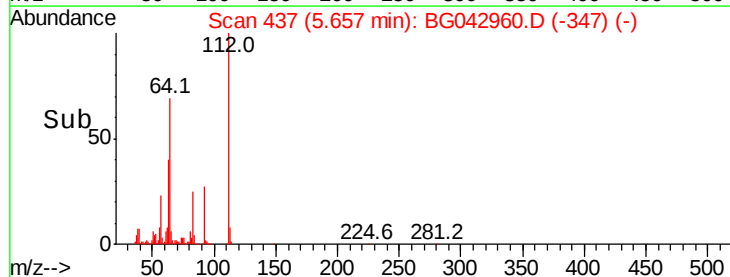
Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

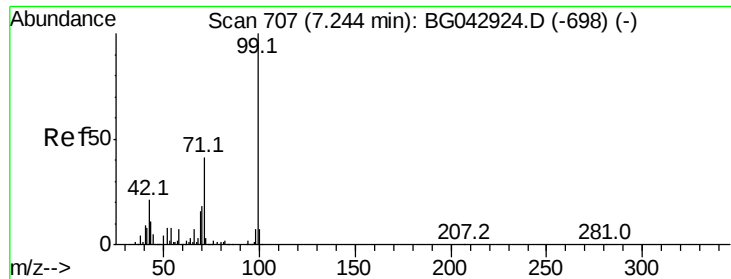
Ion 63.00 (62.70 to 63.70): BGC

5.66

Time-->



Time-->



#7

Phenol-d6

Concen: 129.447 ng

RT: 7.24 min Scan# 707

Delta R.T. -0.00 min

Lab File: BG042960.D

Acq: 1 Oct 2019 3:13

Instrument :

BNA_G

ClientSampleId :

PAT-091019-C

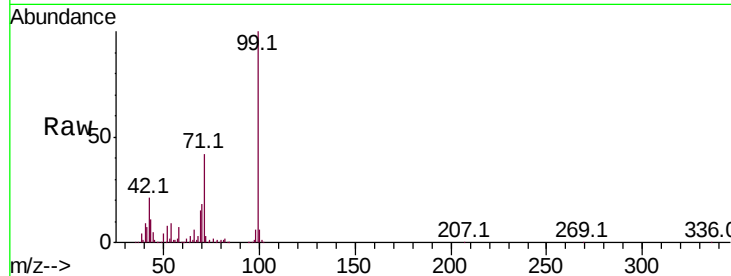
Tot Ion: 99 Resp: 723396

Ion Ratio Lower Upper

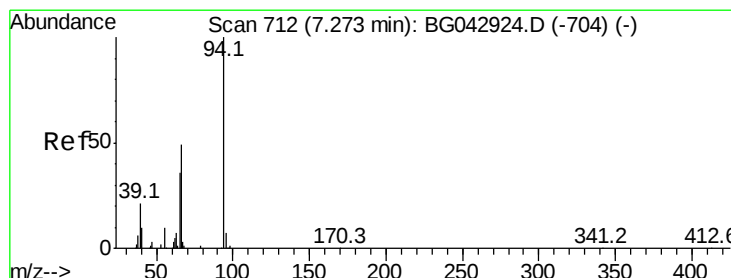
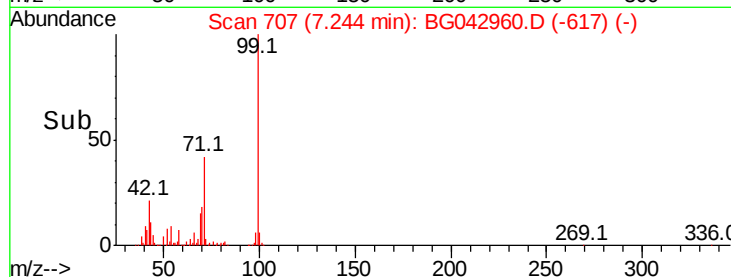
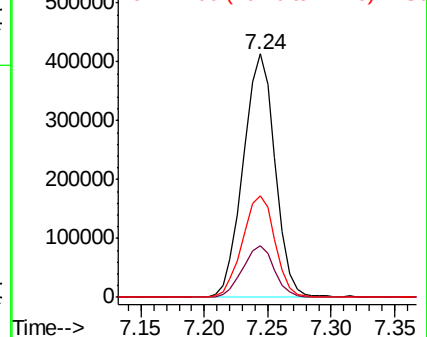
99 100

42 21.4 17.2 25.8

71 41.7 33.1 49.7



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: 2.151 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BG042960.D

Acq: 1 Oct 2019 3:13

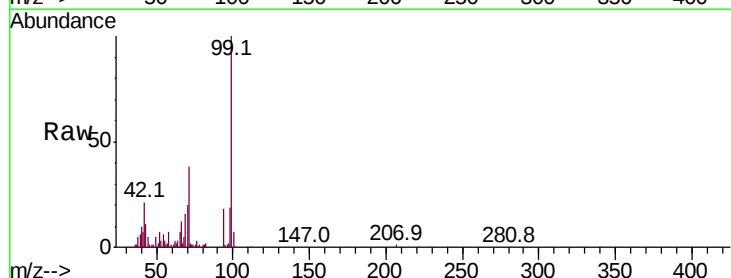
Tgt Ion: 94 Resp: 11030

Ion Ratio Lower Upper

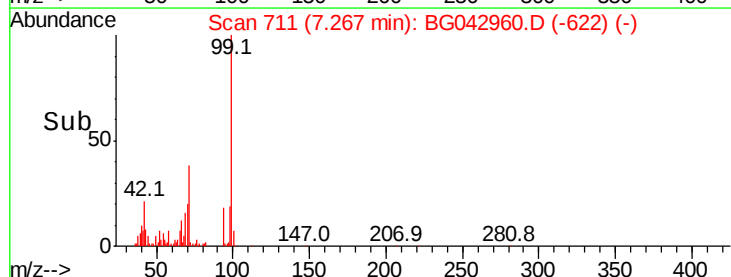
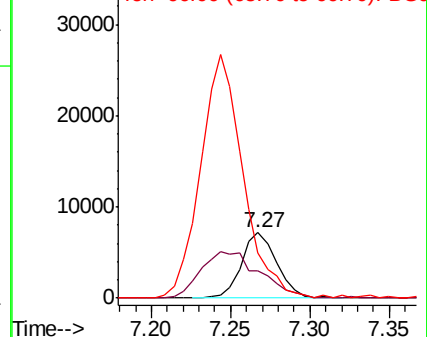
94 100

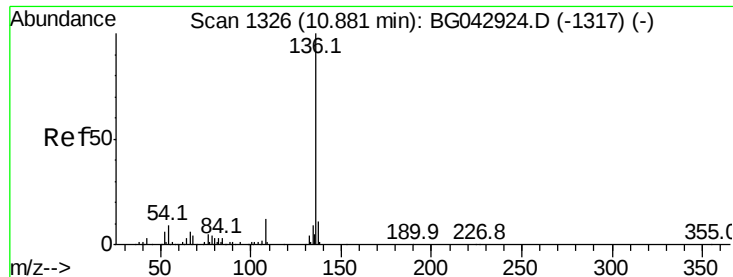
65 42.0 16.6 56.6

66 68.4 32.4 72.4



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: 10.87 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BG042960.D

Acq: 1 Oct 2019 3:13

Instrument :

BNA_G

ClientSampleId :

PAT-091019-C

Tot Ion:136 Resp: 257869

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.5	12.7
54	8.1	7.4	11.2
68	4.9	3.6	5.4

136 100

137 11.4 8.5 12.7

54 8.1 7.4 11.2

68 4.9 3.6 5.4

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): BGC

Ion 68.00 (67.70 to 68.70): BGC

200000

150000

100000

50000

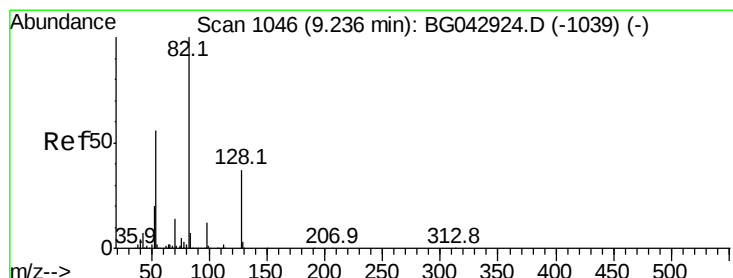
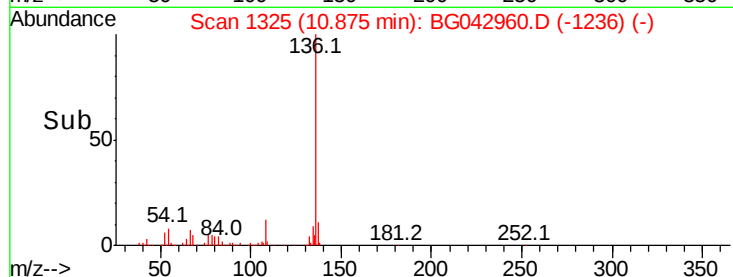
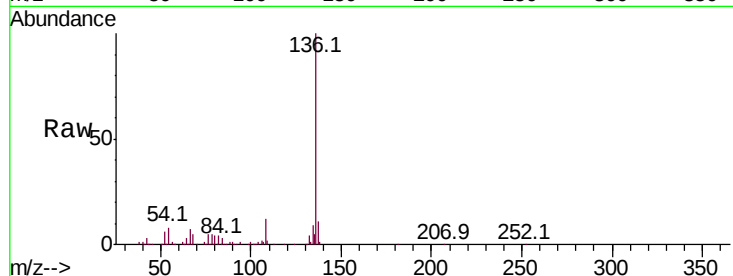
0

10.87

10.80

10.90

Time-->



#23

Nitrobenzene-d5

Concen: 87.756 ng

RT: 9.23 min Scan# 1045

Delta R.T. -0.01 min

Lab File: BG042960.D

Acq: 1 Oct 2019 3:13

Tgt Ion: 82 Resp: 465580

Ion	Ratio	Lower	Upper
82	100		
128	39.2	29.5	44.3
54	55.0	44.6	67.0

82 100

128 39.2 29.5 44.3

54 55.0 44.6 67.0

Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

300000

200000

100000

0

9.23

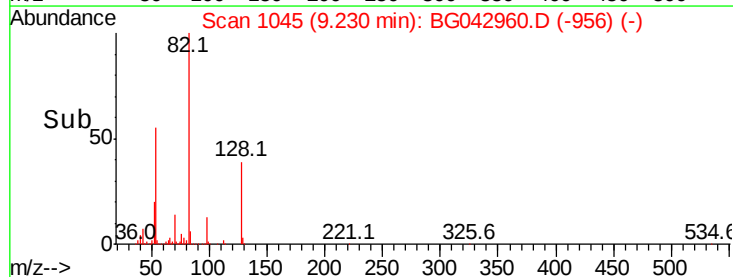
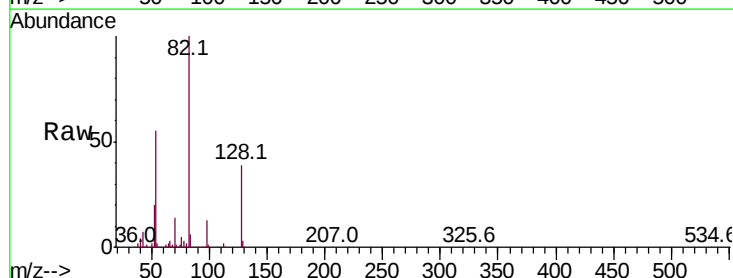
9.15

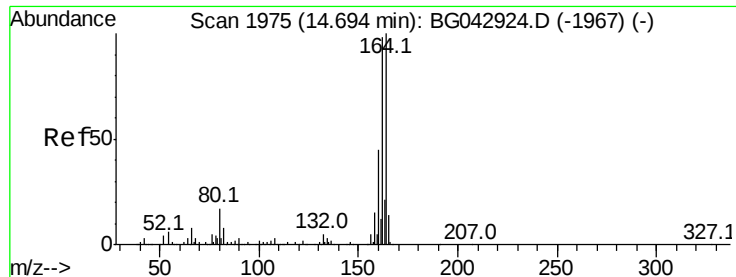
9.20

9.25

9.30

Time-->





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG042960.D

Acq: 1 Oct 2019 3:13

Instrument :

BNA_G

ClientSampleId :

PAT-091019-C

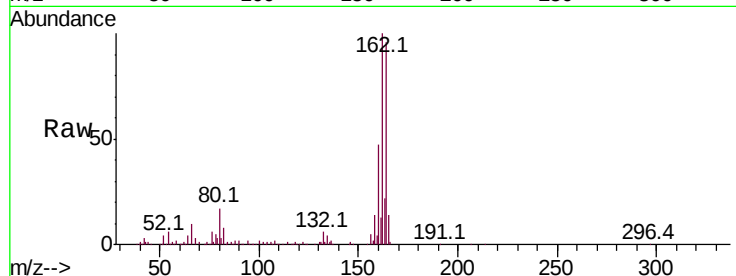
Tot Ion:164 Resp: 181096

Ion Ratio Lower Upper

164 100

162 104.1 78.5 117.7

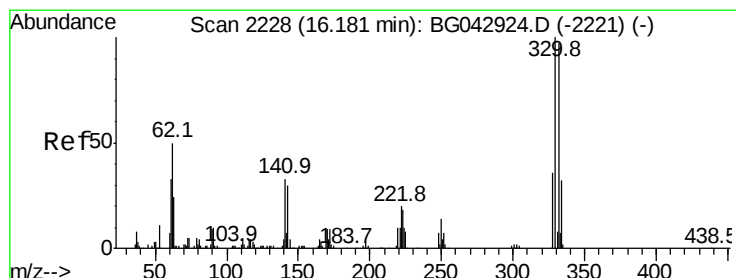
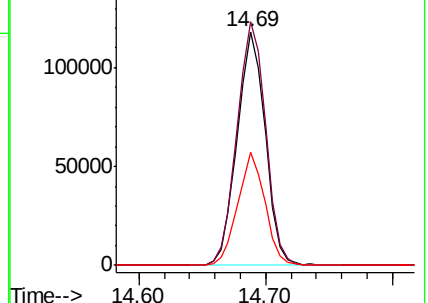
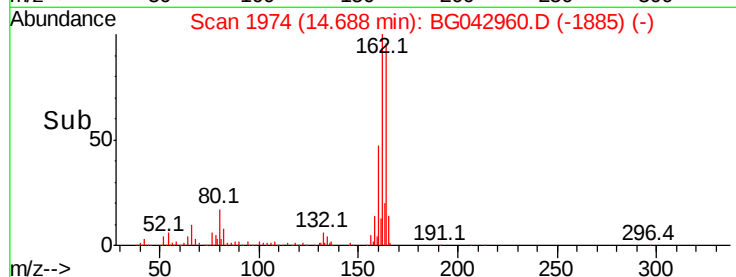
160 48.5 35.9 53.9



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



#42

2,4,6-Tribromophenol

Concen: 138.080 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.01 min

Lab File: BG042960.D

Acq: 1 Oct 2019 3:13

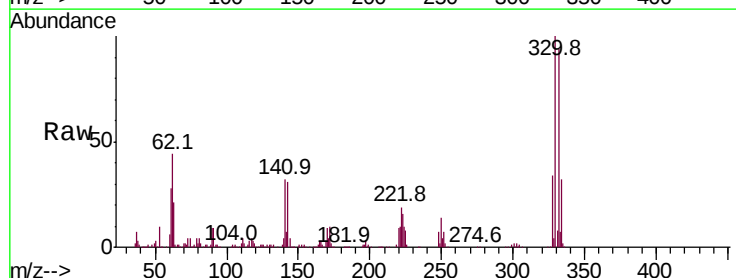
Tgt Ion:330 Resp: 429989

Ion Ratio Lower Upper

330 100

332 96.1 78.2 117.2

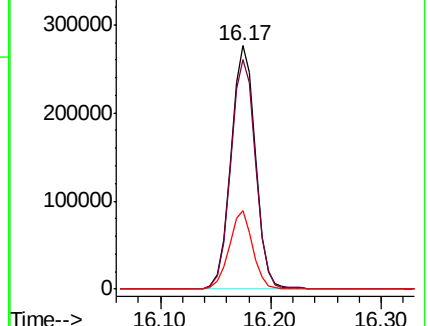
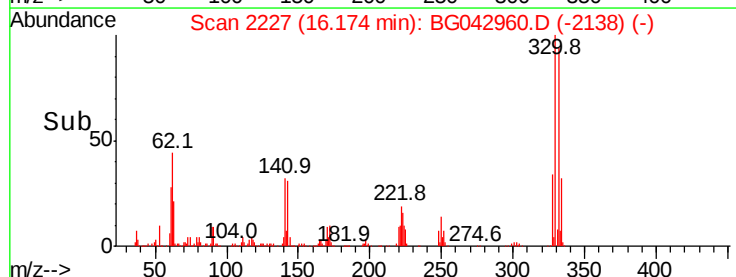
141 31.0 26.0 39.0

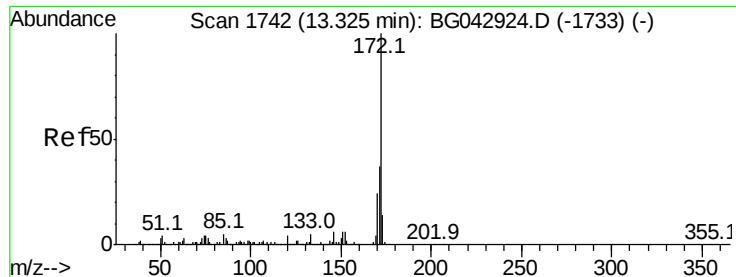


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

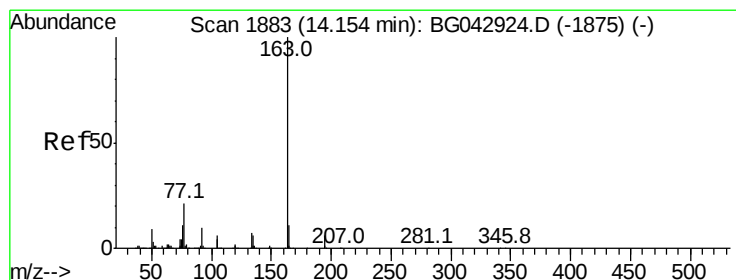
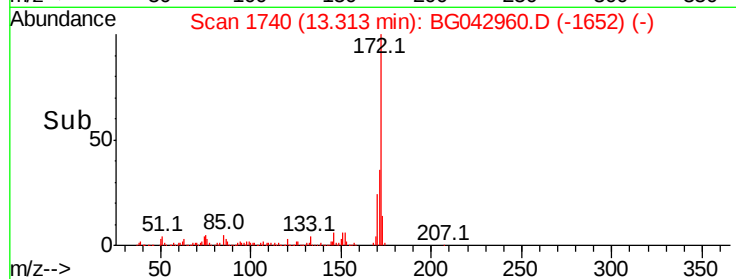
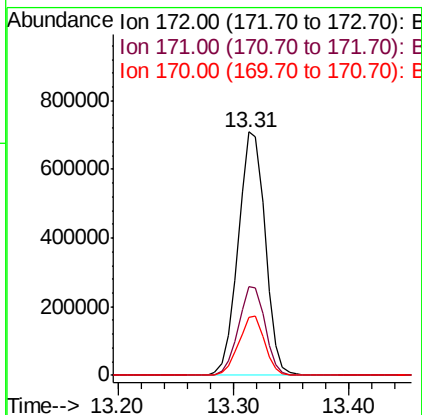
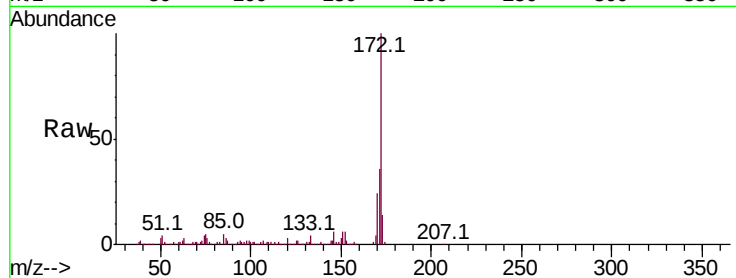




#45
2-Fluorobiphenyl
Concen: 91.963 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG042960.D
Acq: 1 Oct 2019 3:13

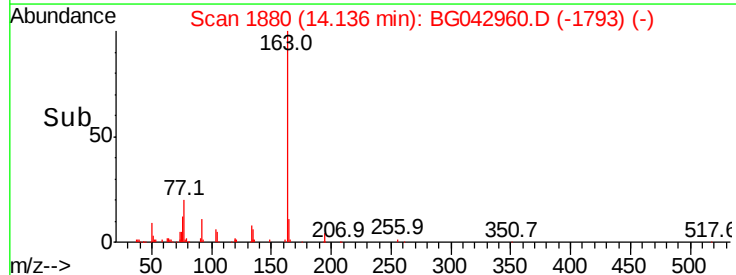
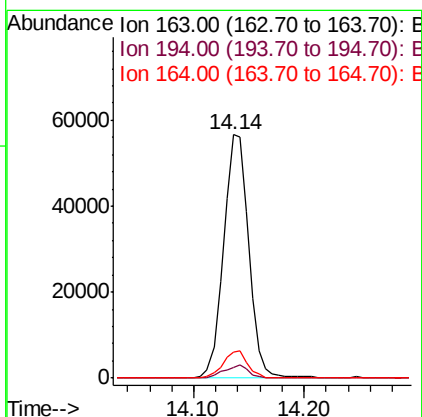
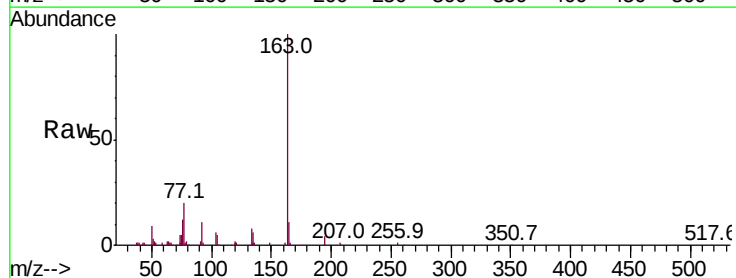
Instrument :
BNA_G
ClientSampleId :
PAT-091019-C

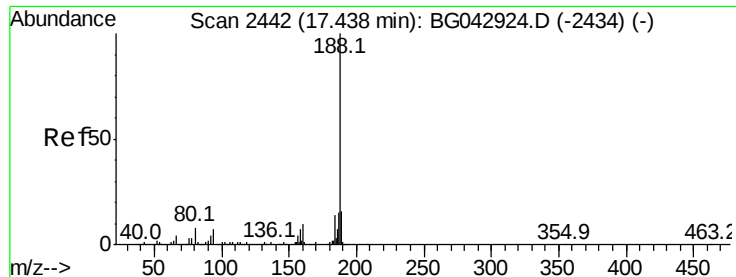
Tot Ion:172 Resp: 1148803
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 23.9 19.6 29.4



#50
Dimethylphthalate
Concen: 6.657 ng
RT: 14.14 min Scan# 1880
Delta R.T. -0.02 min
Lab File: BG042960.D
Acq: 1 Oct 2019 3:13

Tgt Ion:163 Resp: 90323
Ion Ratio Lower Upper
163 100
194 4.5 4.4 6.6
164 10.9 8.6 12.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BG042960.D

Acq: 1 Oct 2019 3:13

Instrument :

BNA_G

ClientSampleId :

PAT-091019-C

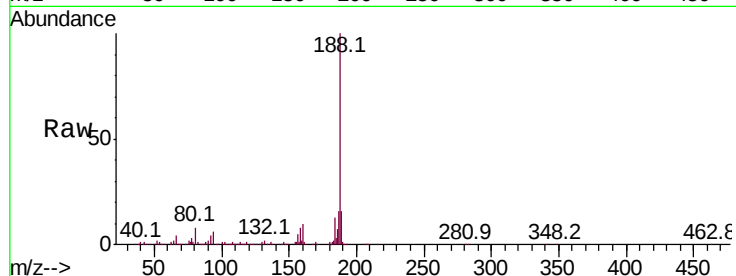
Tot Ion:188 Resp: 433540

Ion Ratio Lower Upper

188 100

94 6.0 5.7 8.5

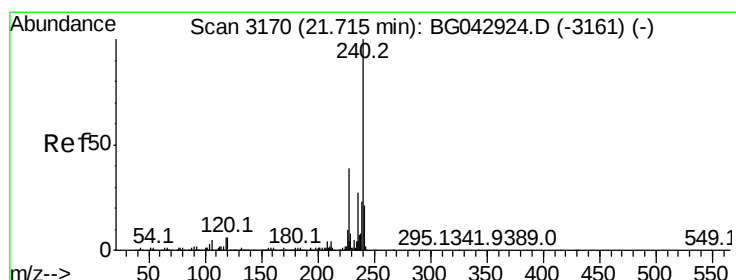
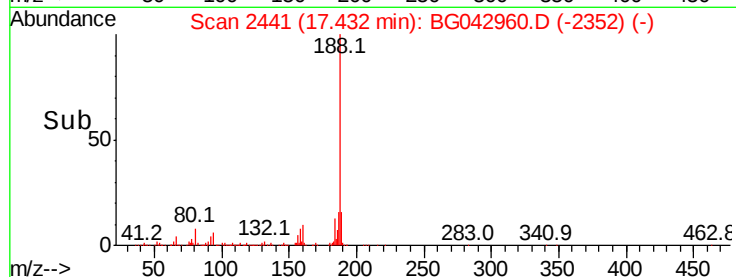
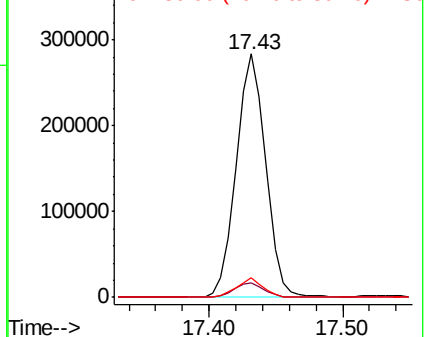
80 8.2 6.5 9.7



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.02 min

Lab File: BG042960.D

Acq: 1 Oct 2019 3:13

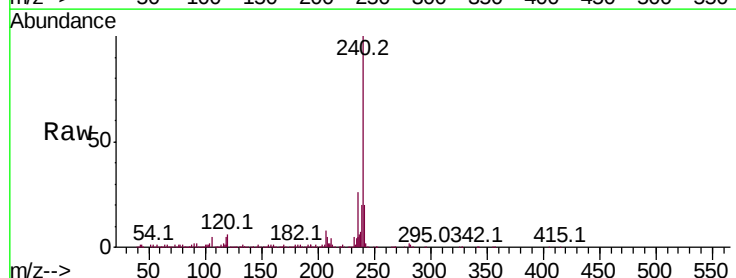
Tgt Ion:240 Resp: 484692

Ion Ratio Lower Upper

240 100

120 5.7 4.8 7.2

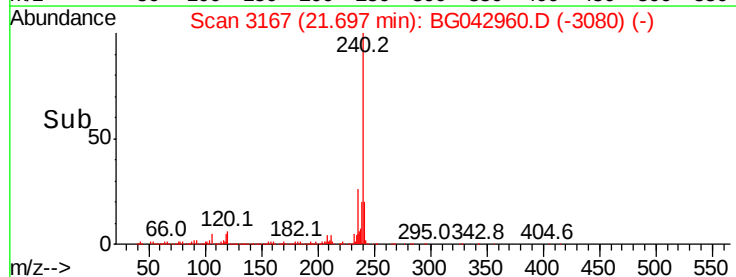
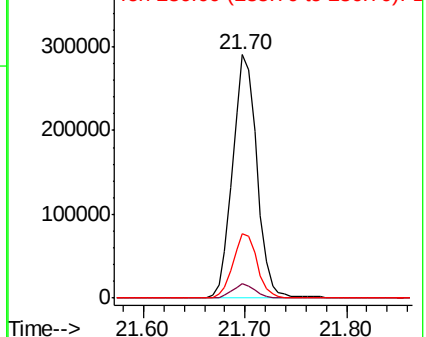
236 26.3 21.4 32.0

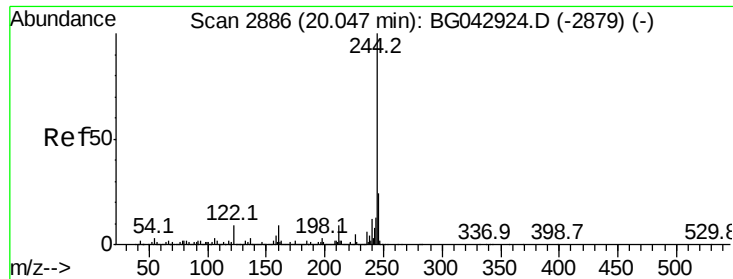


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 93.960 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG042960.D

Acq: 1 Oct 2019 3:13

Instrument :

BNA_G

ClientSampleId :

PAT-091019-C

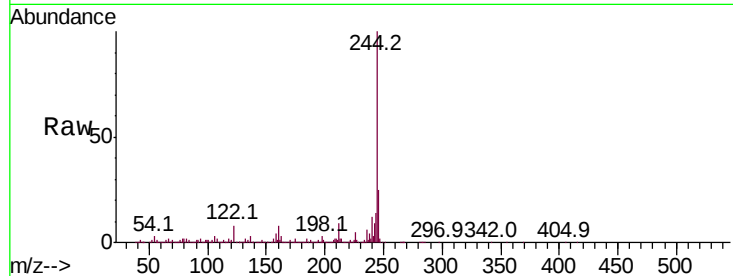
Tot Ion:244 Resp: 2137227

Ion Ratio Lower Upper

244 100

212 9.0 7.4 11.0

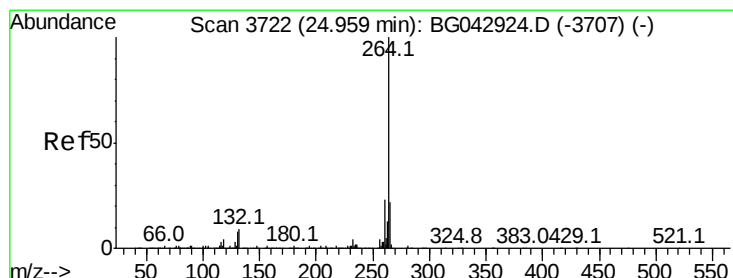
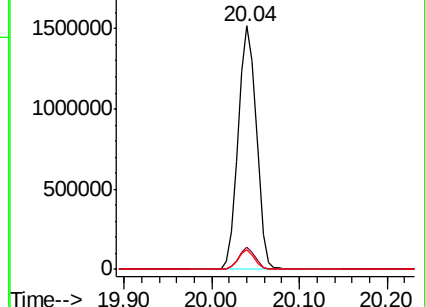
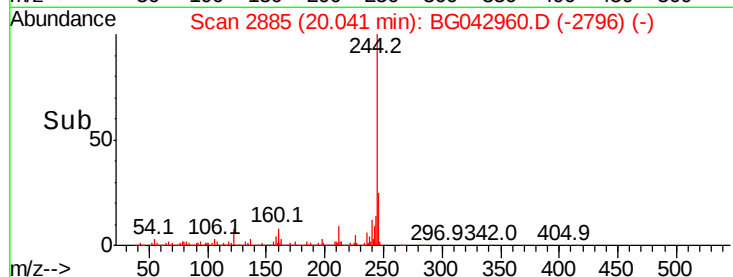
122 8.1 7.0 10.4



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.92 min Scan# 3716

Delta R.T. -0.04 min

Lab File: BG042960.D

Acq: 1 Oct 2019 3:13

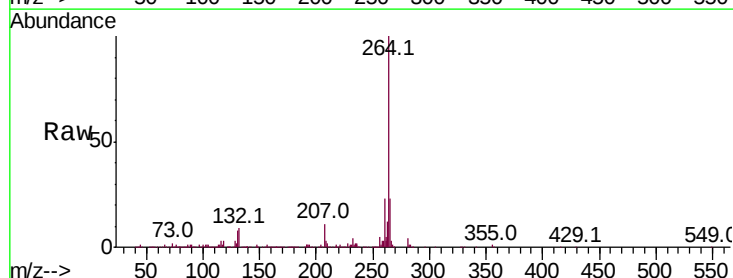
Tgt Ion:264 Resp: 546897

Ion Ratio Lower Upper

264 100

260 22.7 18.7 28.1

265 23.2 17.7 26.5



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

