

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090920\
 Data File : BG046574.D
 Acq On : 9 Sep 2020 15:56
 Operator : CG/JU
 Sample : L3939-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PAV-B44-090820-GW

Quant Time: Sep 09 19:19:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 15:06:53 2020
 Response via : Initial Calibration

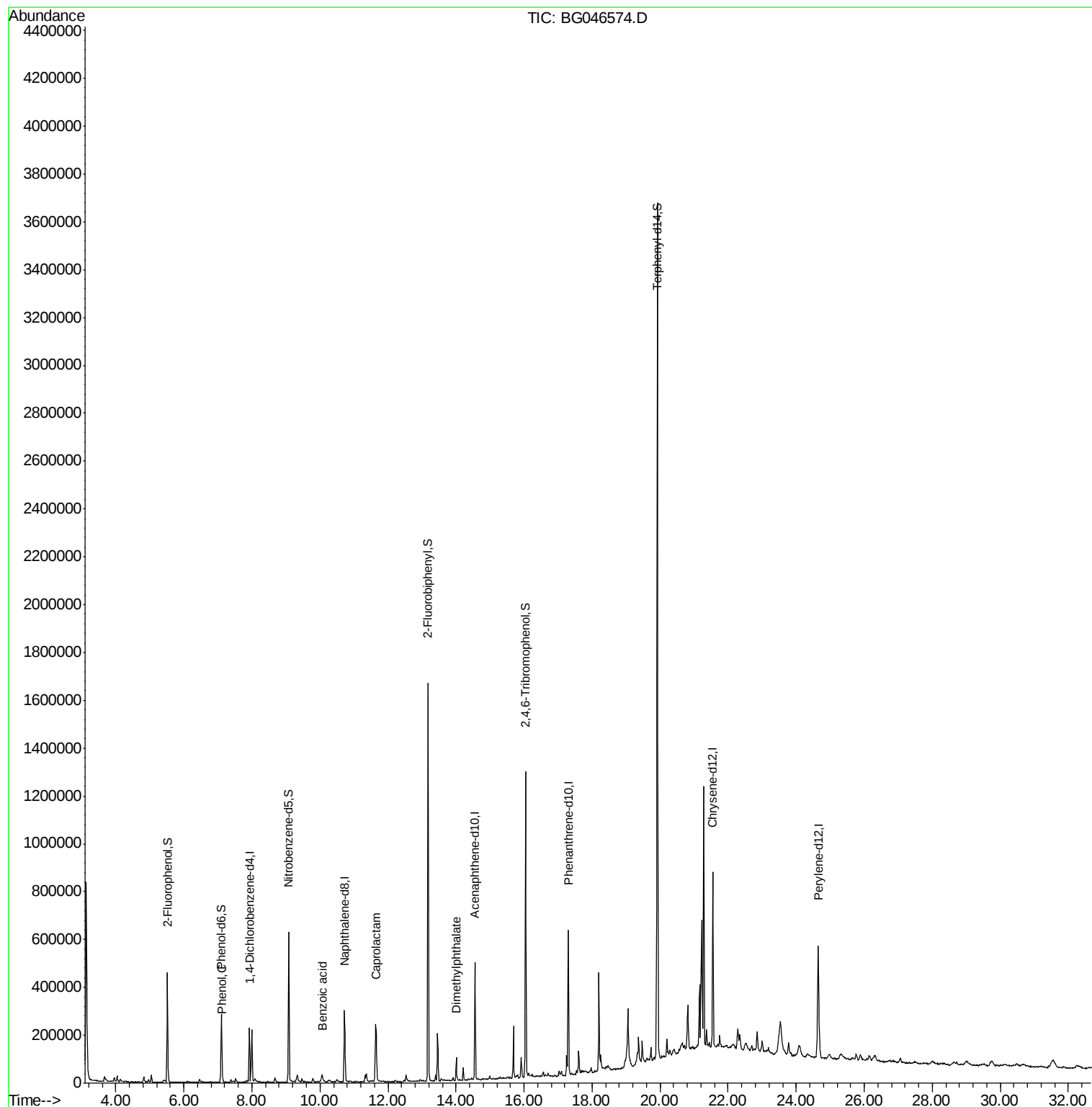
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	69977	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	265622	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	173602	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	408409	20.00	ng	0.00
76) Chrysene-d12	21.54	240	476444	20.00	ng	0.00
86) Perylene-d12	24.65	264	483580	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	224939	56.93	ng	0.00
7) Phenol-d6	7.10	99	180753	32.27	ng	0.00
23) Nitrobenzene-d5	9.08	82	385169	82.88	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	255326	108.55	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	902194	79.33	ng	0.00
79) Terphenyl-d14	19.92	244	1528685	68.28	ng	0.00
Target Compounds						
10) Phenol	7.13	94	13180	2.555	ng	90
32) Benzoic acid	10.06	122	18743	13.011	ng	91
35) Caprolactam	11.65	113	65974	39.737	ng	96
50) Dimethylphthalate	14.01	163	68181	5.076	ng	99

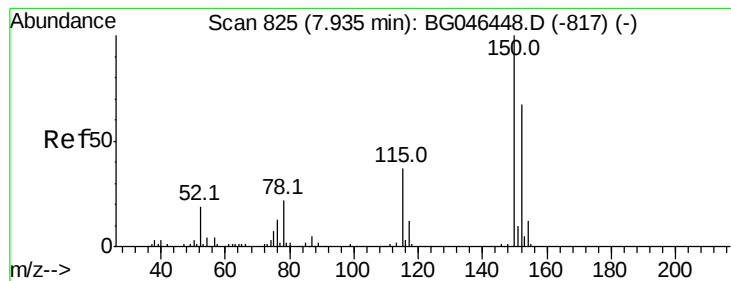
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 02 15:06:53 2020
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.92 min Scan# 823

Delta R.T. -0.01 min

Lab File: BG046574.D

Acq: 9 Sep 2020 15:56

Instrument :

BNA_G

ClientSampleId :

PAV-B44-090820-GW

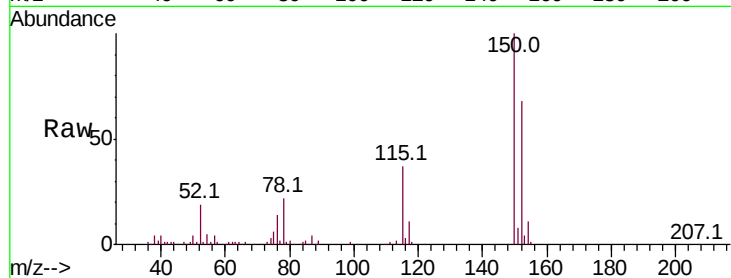
Tot Ion:152 Resp: 69977

Ion Ratio Lower Upper

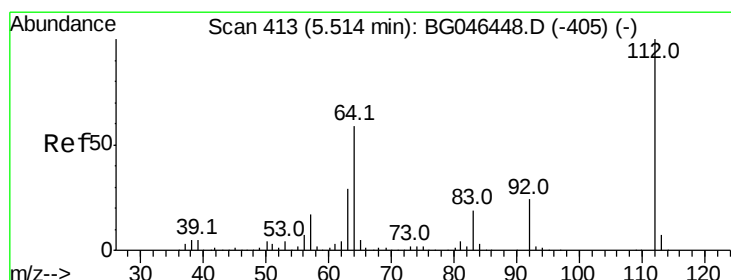
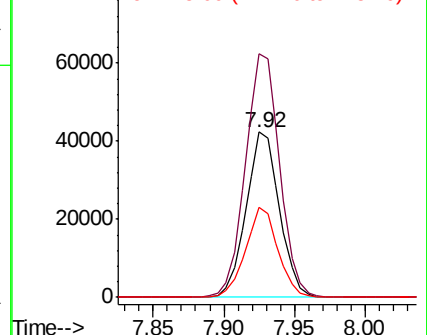
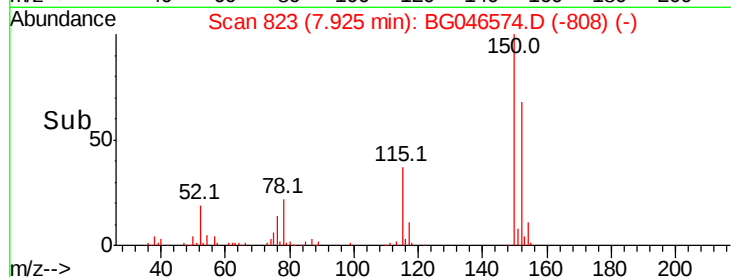
152 100

150 147.4 119.5 179.3

115 54.8 44.3 66.5



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: 56.934 ng

RT: 5.52 min Scan# 413

Delta R.T. 0.00 min

Lab File: BG046574.D

Acq: 9 Sep 2020 15:56

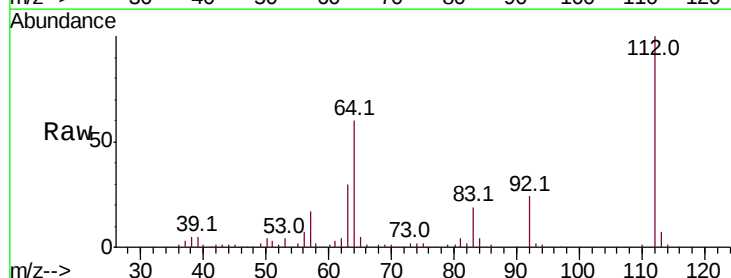
Tgt Ion:112 Resp: 224939

Ion Ratio Lower Upper

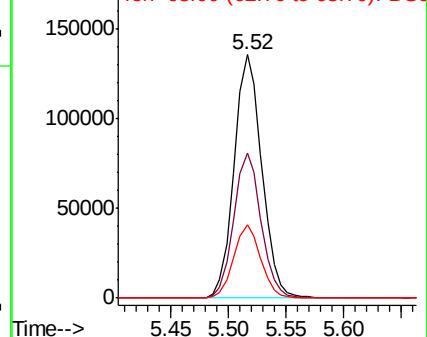
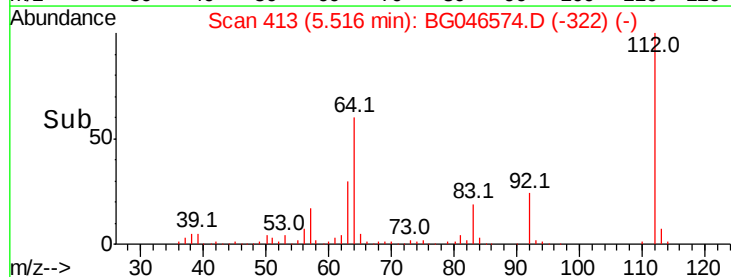
112 100

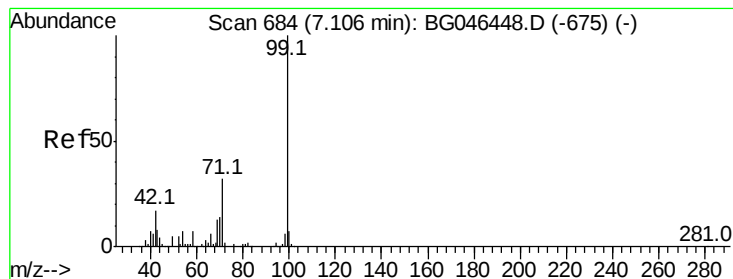
64 59.8 47.0 70.6

63 29.9 23.5 35.3



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





#7

Phenol-d6

Concen: 32.273 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG046574.D

Acq: 9 Sep 2020 15:56

Instrument :

BNA_G

ClientSampleId :

PAV-B44-090820-GW

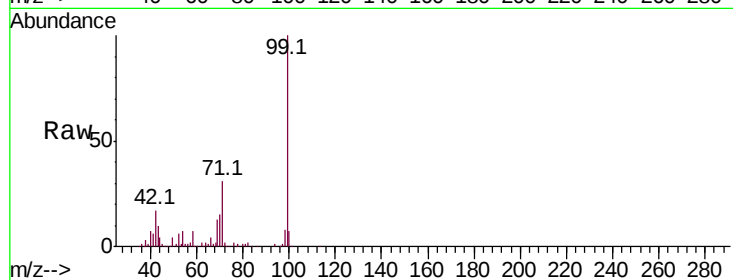
Tot Ion: 99 Resp: 180753

Ion Ratio Lower Upper

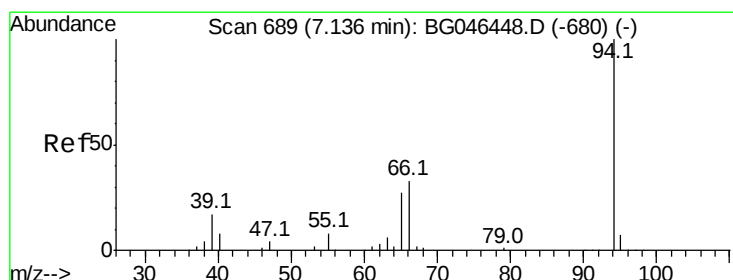
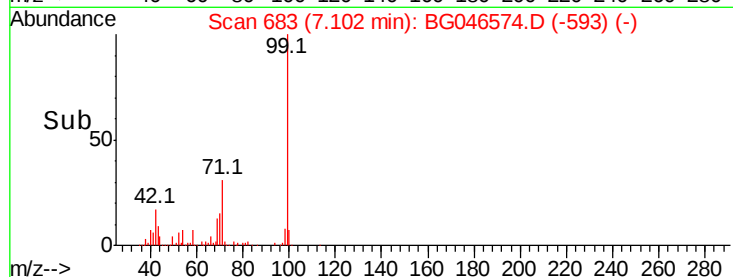
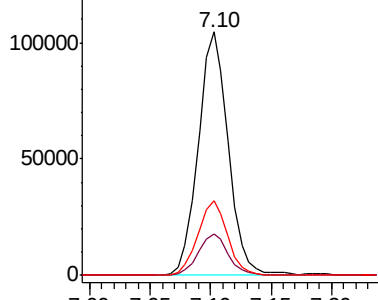
99 100

42 16.9 13.3 19.9

71 30.5 25.3 37.9



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: 2.555 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.00 min

Lab File: BG046574.D

Acq: 9 Sep 2020 15:56

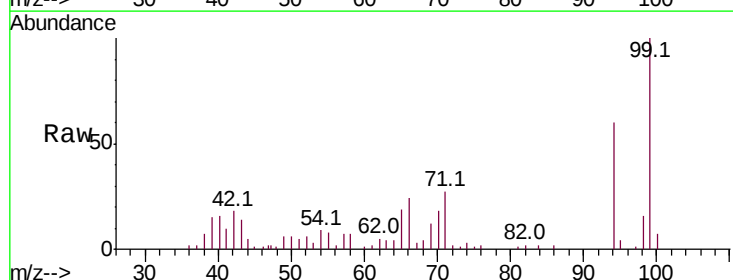
Tgt Ion: 94 Resp: 13180

Ion Ratio Lower Upper

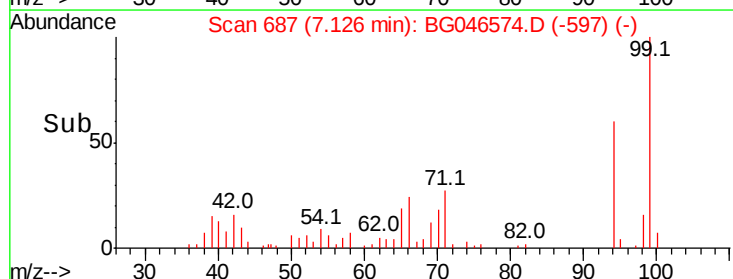
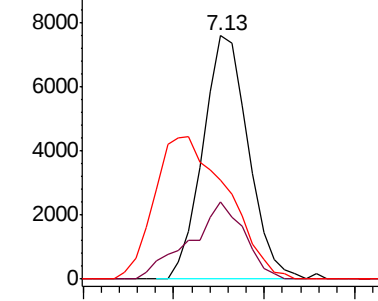
94 100

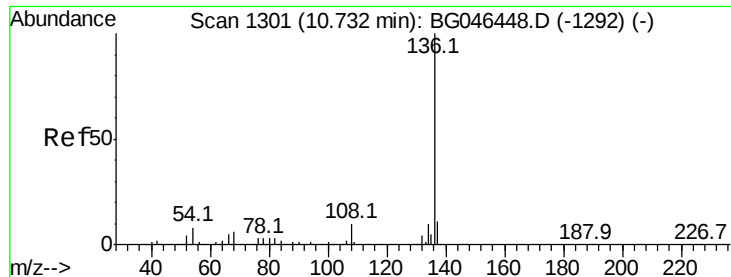
65 31.6 7.5 47.5

66 40.6 14.1 54.1



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

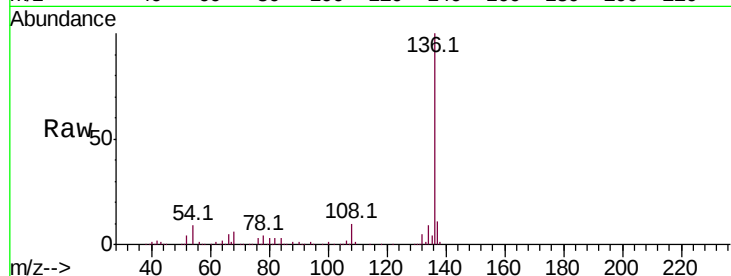




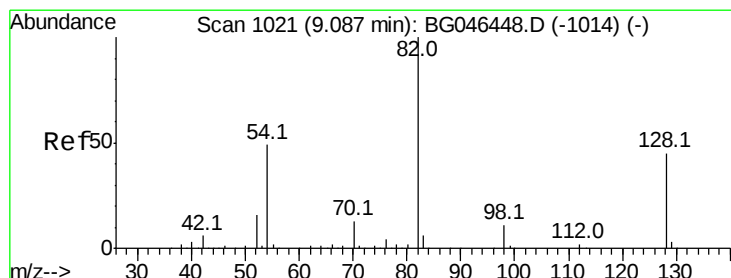
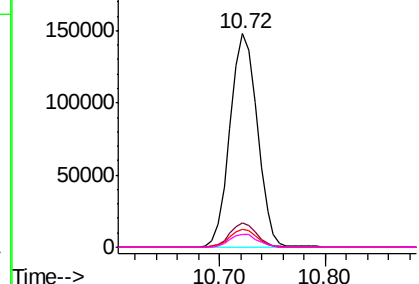
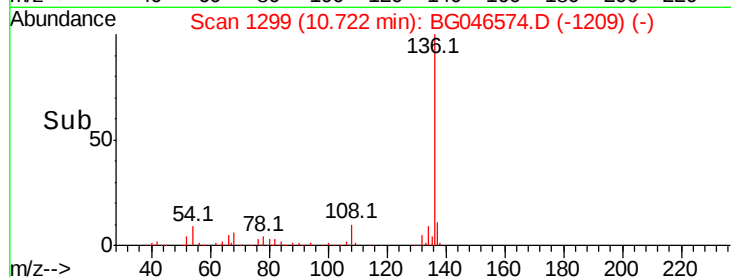
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BG046574.D
Acq: 9 Sep 2020 15:56

Instrument :
BNA_G
ClientSampleId :
PAV-B44-090820-GW

Tot Ion:136	Resp:	265622
Ion	Ratio	Lower Upper
136	100	
137	11.4	8.8 13.2
54	8.6	6.1 9.1
68	6.0	4.8 7.2

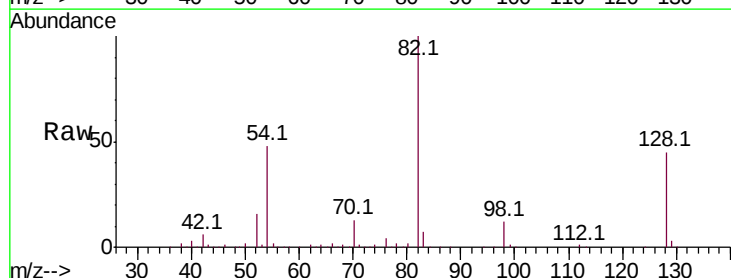


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

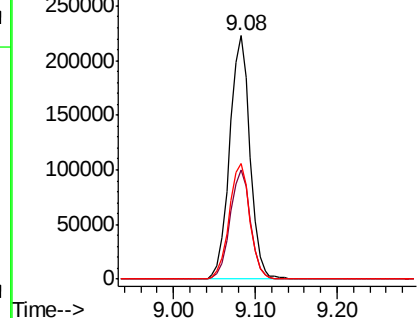
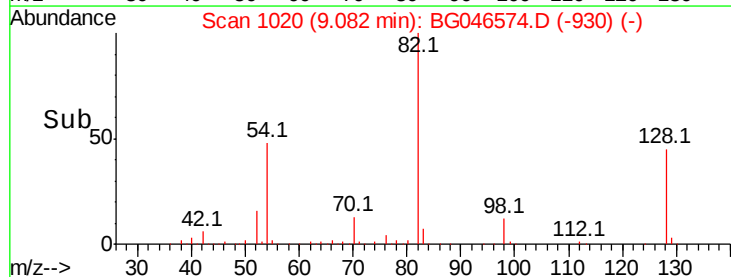


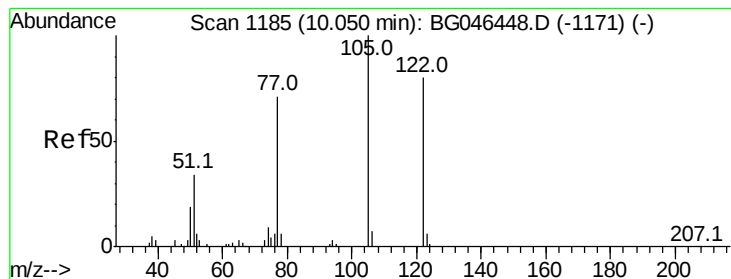
#23
Nitrobenzene-d5
Concen: 82.879 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG046574.D
Acq: 9 Sep 2020 15:56

Tgt Ion: 82	Resp:	385169
Ion	Ratio	Lower Upper
82	100	
128	44.8	35.7 53.5
54	47.6	39.4 59.0



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





#32

Benzoic acid

Concen: 13.011 ng

RT: 10.06 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BG046574.D

Acq: 9 Sep 2020 15:56

Instrument :

BNA_G

ClientSampleId :

PAV-B44-090820-GW

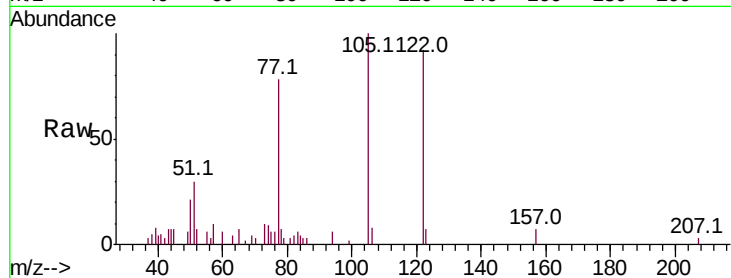
Tot Ion:122 Resp: 18743

Ion Ratio Lower Upper

122 100

105 109.0 102.5 142.5

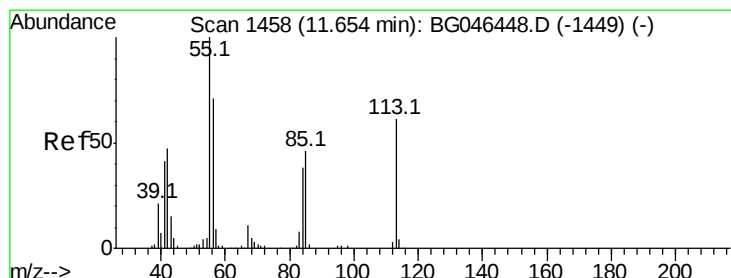
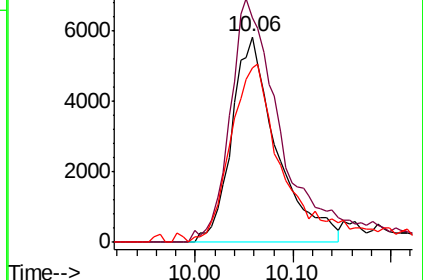
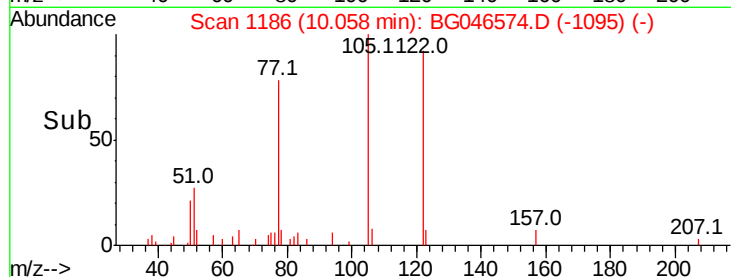
77 84.6 68.2 108.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#35

Caprolactam

Concen: 39.737 ng

RT: 11.65 min Scan# 1457

Delta R.T. -0.01 min

Lab File: BG046574.D

Acq: 9 Sep 2020 15:56

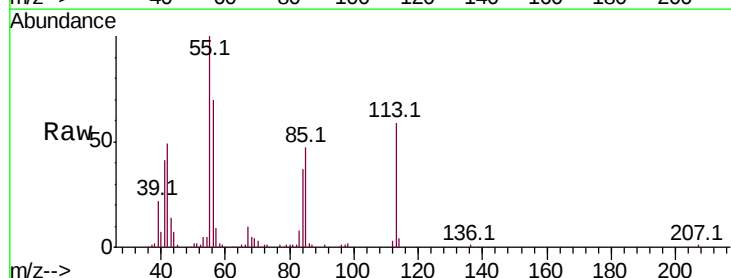
Tgt Ion:113 Resp: 65974

Ion Ratio Lower Upper

113 100

55 170.7 144.2 184.2

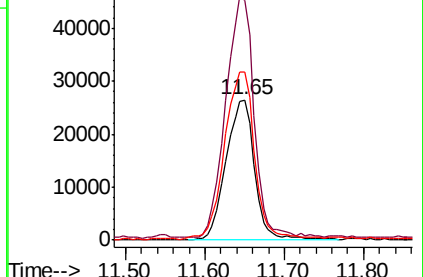
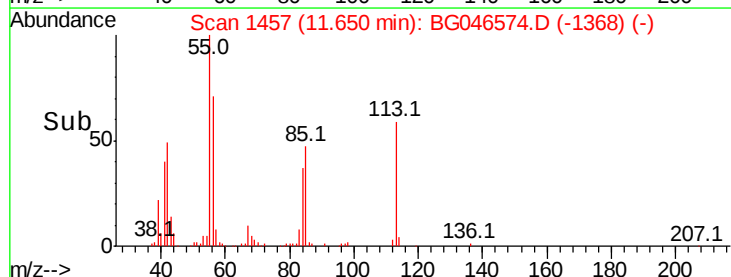
56 120.0 97.0 137.0

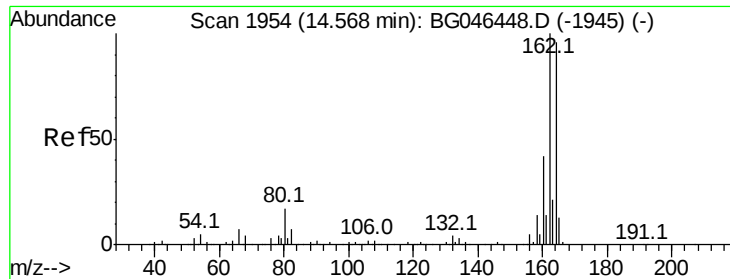


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BG046574.D

Acq: 9 Sep 2020 15:56

Instrument :

BNA_G

ClientSampleId :

PAV-B44-090820-GW

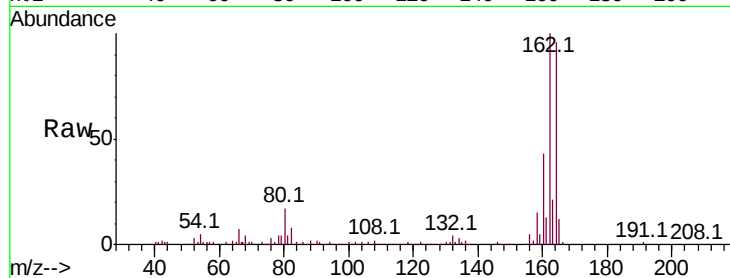
Tot Ion:164 Resp: 173602

Ion Ratio Lower Upper

164 100

162 104.0 83.3 124.9

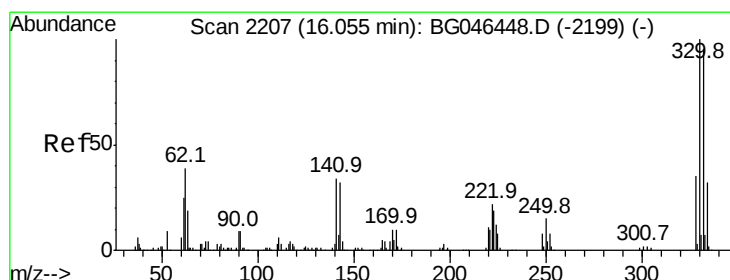
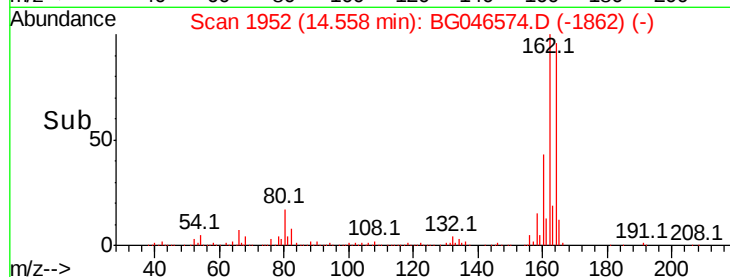
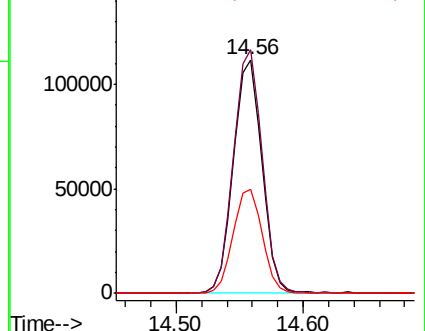
160 44.7 35.0 52.6



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: 108.548 ng

RT: 16.04 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BG046574.D

Acq: 9 Sep 2020 15:56

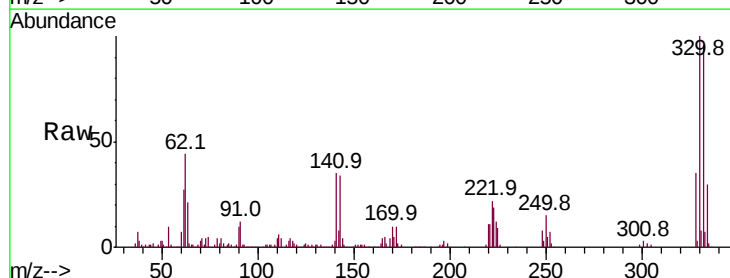
Tgt Ion:330 Resp: 255326

Ion Ratio Lower Upper

330 100

332 95.6 76.1 114.1

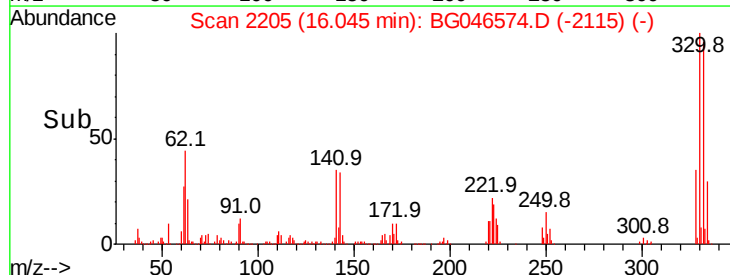
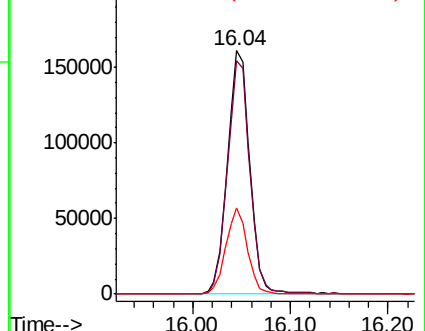
141 34.2 26.1 39.1

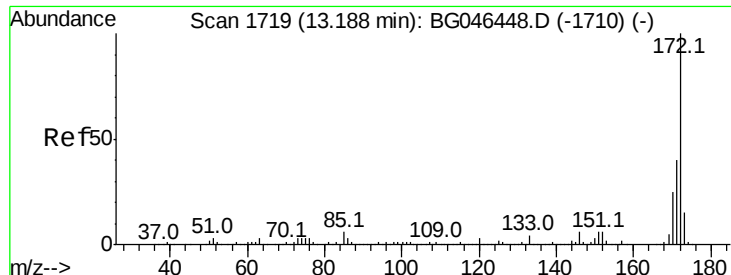


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

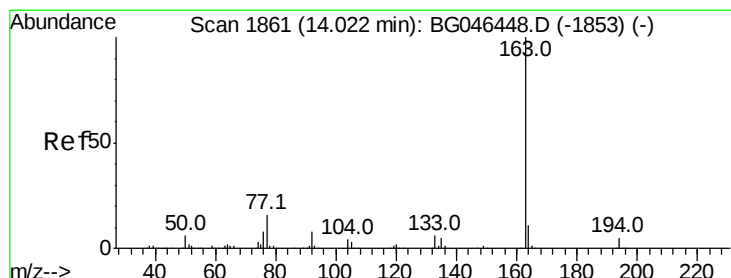
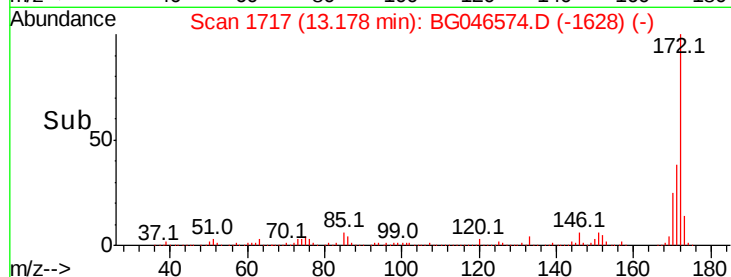
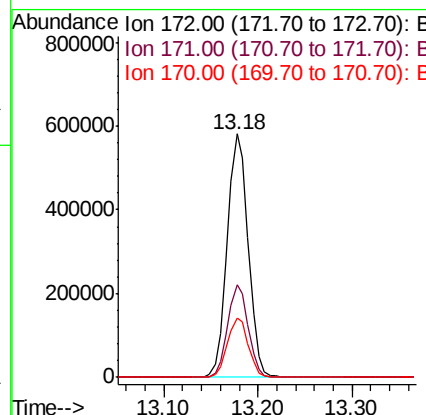
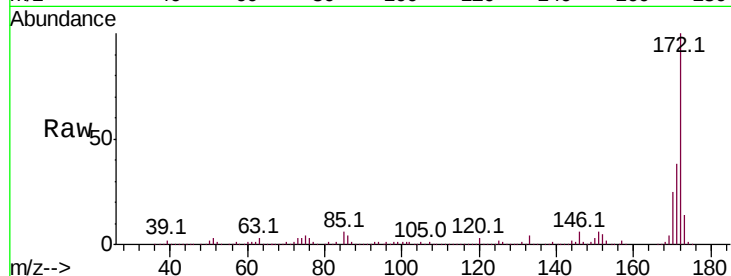




#45
2-Fluorobiphenyl
Concen: 79.334 ng
RT: 13.18 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BG046574.D
Acq: 9 Sep 2020 15:56

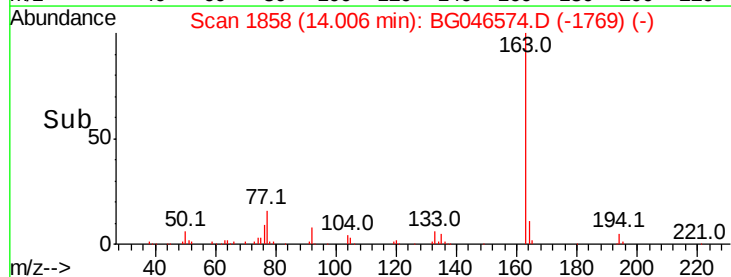
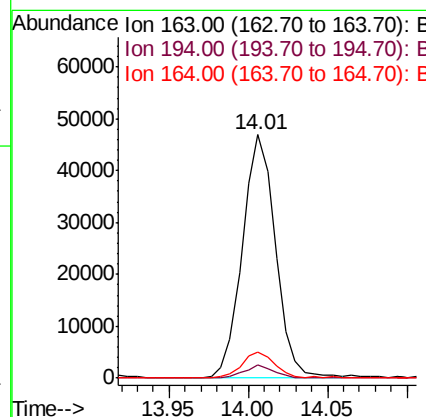
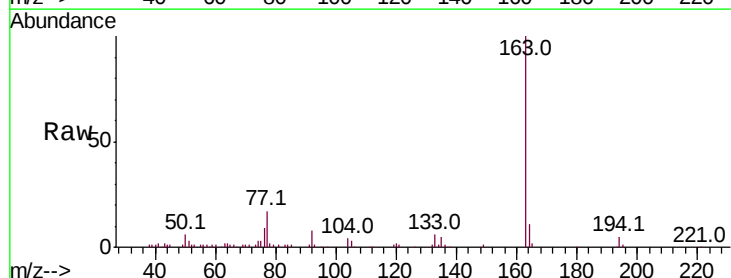
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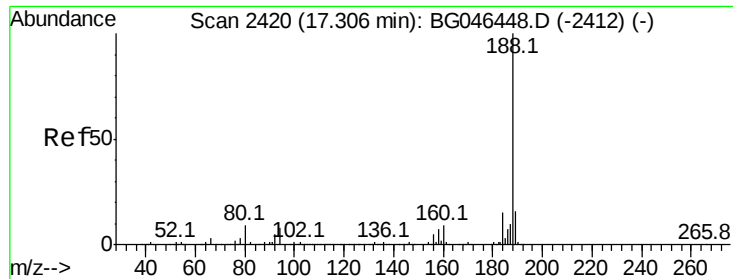
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.8	47.6
170	24.6	20.3	30.5



#50
Dimethylphthalate
Concen: 5.076 ng
RT: 14.01 min Scan# 1858
Delta R.T. -0.01 min
Lab File: BG046574.D
Acq: 9 Sep 2020 15:56

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.7	5.5
164	10.5	8.6	12.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.30 min Scan# 2419

Delta R.T. -0.00 min

Lab File: BG046574.D

Acq: 9 Sep 2020 15:56

Instrument :

BNA_G

ClientSampleId :

PAV-B44-090820-GW

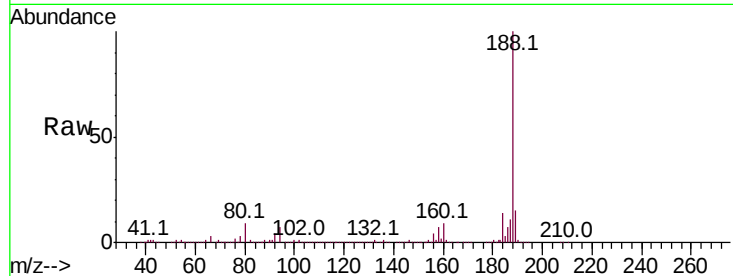
Tot Ion:188 Resp: 408409

Ion Ratio Lower Upper

188 100

94 6.9 6.3 9.5

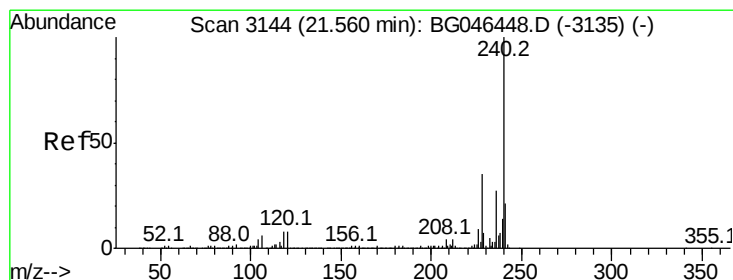
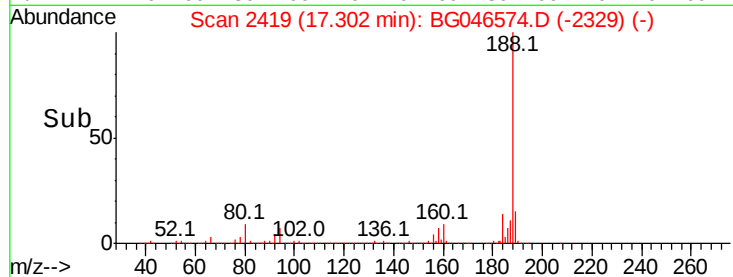
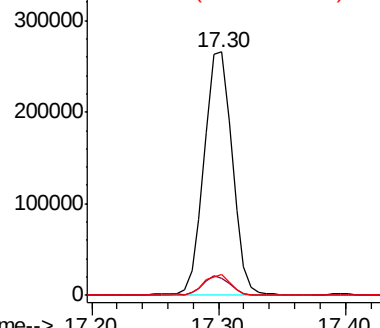
80 8.6 6.9 10.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG046574.D

Acq: 9 Sep 2020 15:56

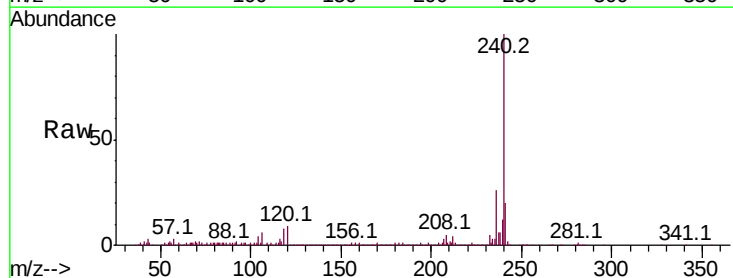
Tgt Ion:240 Resp: 476444

Ion Ratio Lower Upper

240 100

120 8.8 6.6 10.0

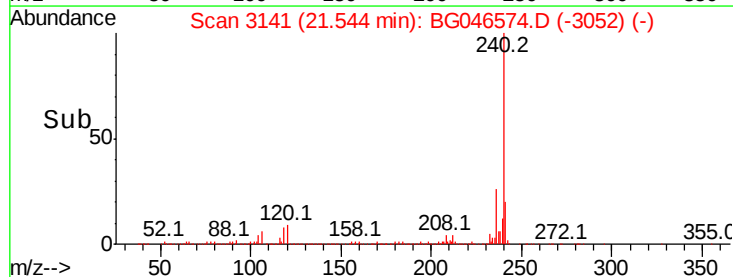
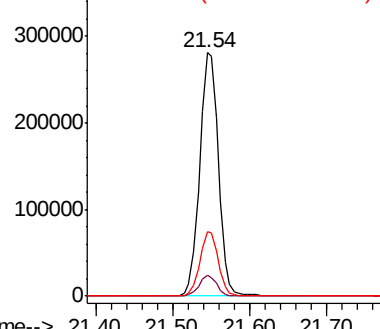
236 26.2 21.4 32.2

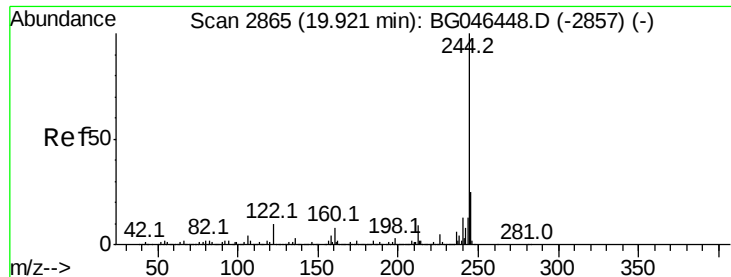


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 68.283 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG046574.D

Acq: 9 Sep 2020 15:56

Instrument :

BNA_G

ClientSampleId :

PAV-B44-090820-GW

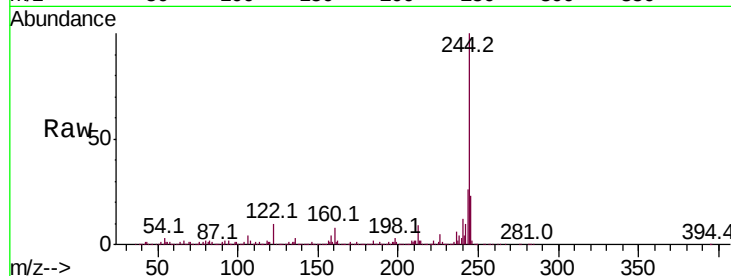
Tot Ion:244 Resp: 1528685

Ion Ratio Lower Upper

244 100

212 8.6 6.9 10.3

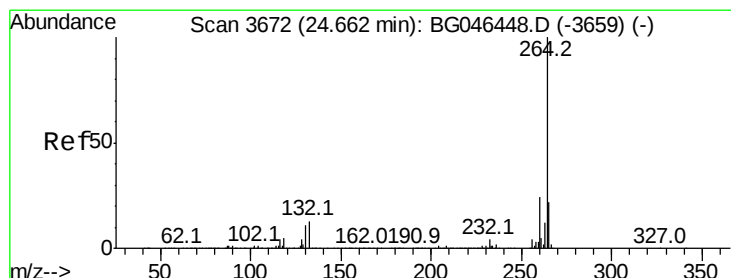
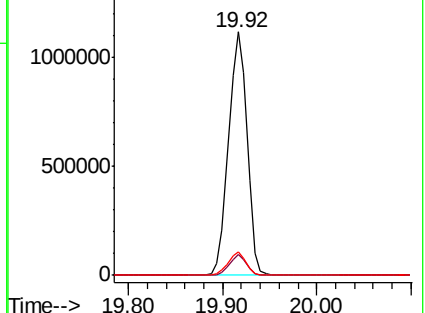
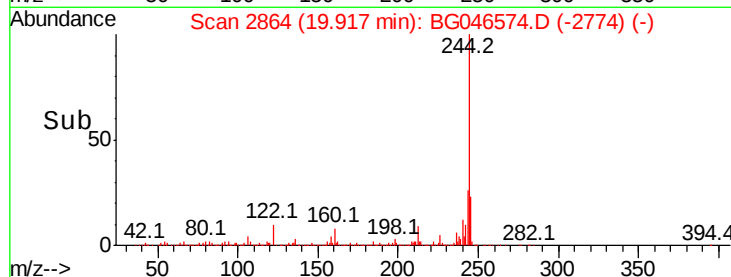
122 9.6 8.2 12.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.65 min Scan# 3669

Delta R.T. -0.01 min

Lab File: BG046574.D

Acq: 9 Sep 2020 15:56

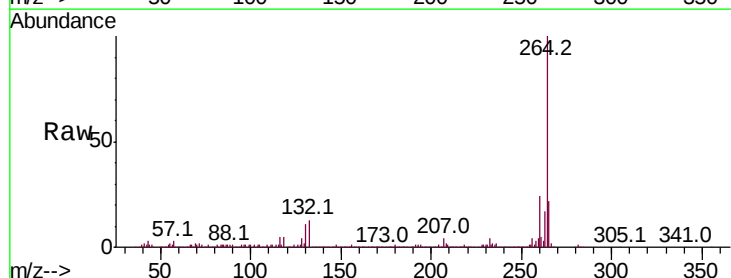
Tgt Ion:264 Resp: 483580

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 22.1 17.9 26.9



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

