

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100119\
 Data File : BG042973.D
 Acq On : 1 Oct 2019 19:00
 Operator : JU
 Sample : K4946-11
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GP-5_(10-12)

Quant Time: Oct 02 01:45:46 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

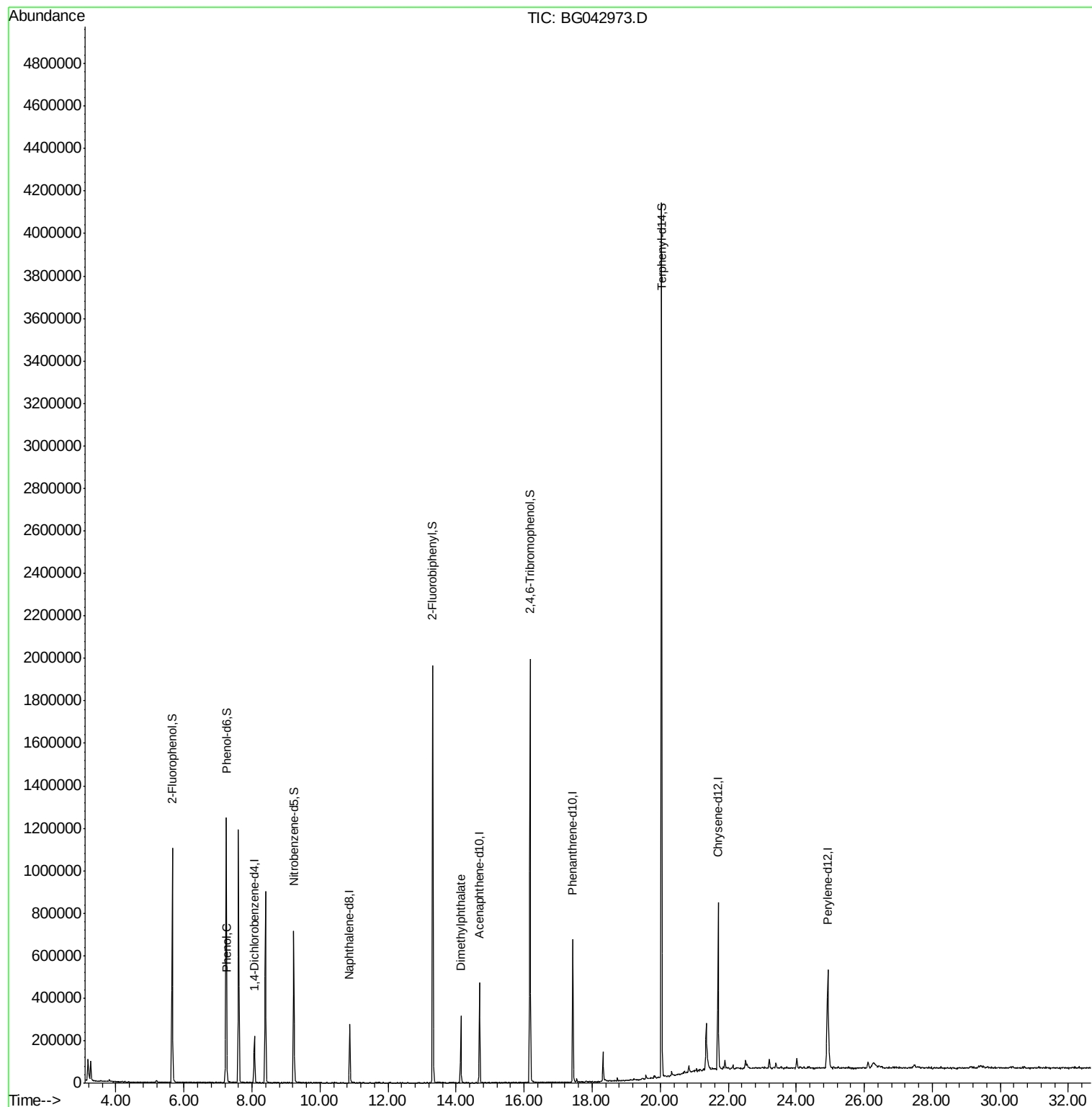
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	60049	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	231178	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	169950	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	427663	20.00	ng	0.00
76) Chrysene-d12	21.70	240	482605	20.00	ng	-0.01
87) Perylene-d12	24.93	264	549533	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	464385	138.01	ng	0.00
7) Phenol-d6	7.24	99	690656	142.54	ng	0.00
23) Nitrobenzene-d5	9.23	82	441614	92.85	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	417296	142.79	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1058590	90.30	ng	0.00
79) Terphenyl-d14	20.04	244	1982803	87.55	ng	0.00
Target Compounds						
10) Phenol	7.27	94	10869	2.445	ng	Qvalue # 80
50) Dimethylphthalate	14.14	163	206579	16.223	ng	# 97

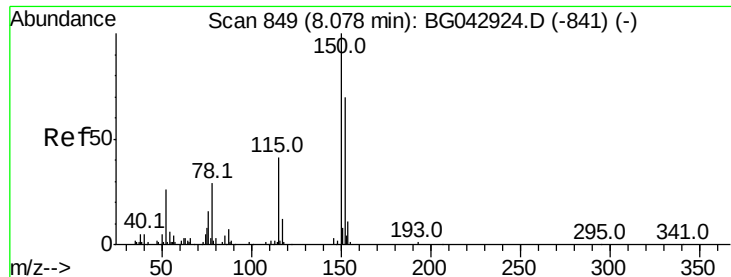
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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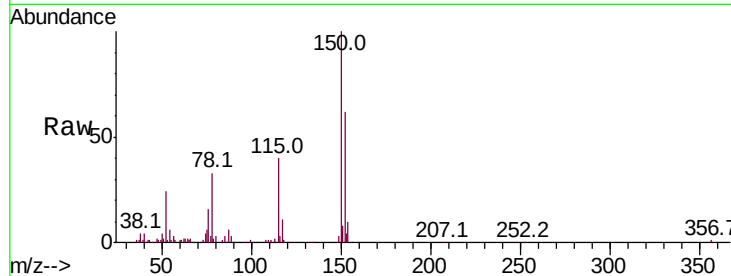


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG042973.D
Acq: 1 Oct 2019 19:00

Instrument :
BNA_G
ClientSampleId :
GP-5 (10-12)

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.9	115.0	172.4
115	63.6	47.0	70.6

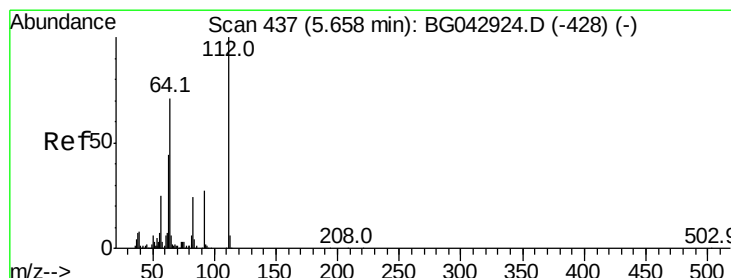
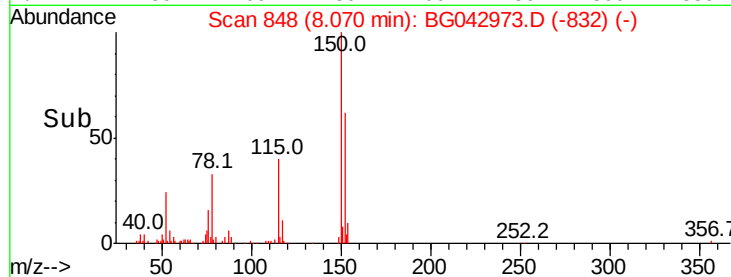
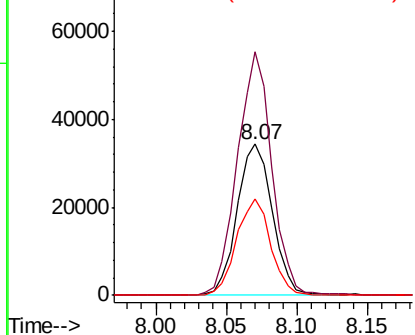


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

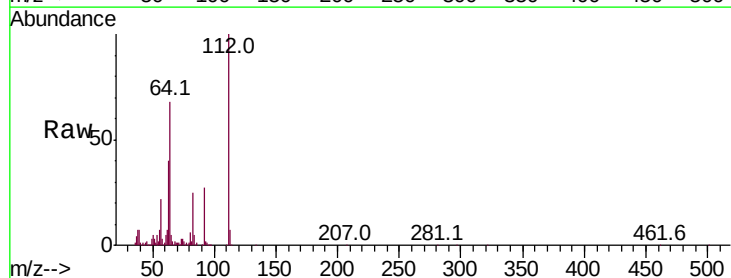
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 138.013 ng
RT: 5.66 min Scan# 437
Delta R.T. -0.00 min
Lab File: BG042973.D
Acq: 1 Oct 2019 19:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.0	56.6	84.8
63	40.0	35.1	52.7

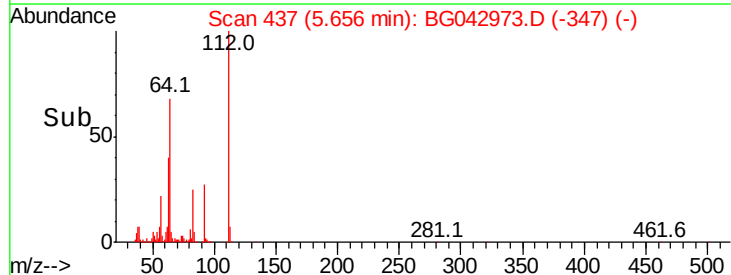
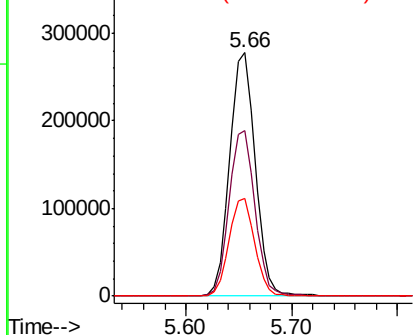


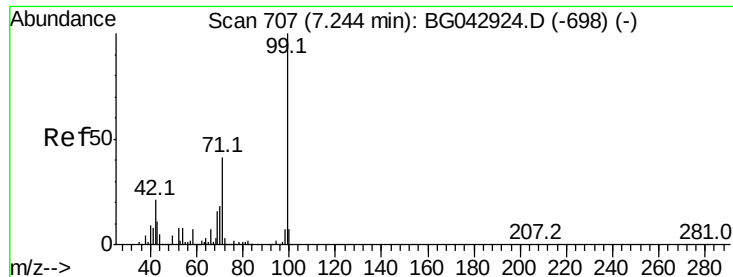
Abundance

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: 142.535 ng

RT: 7.24 min Scan# 707

Delta R.T. -0.00 min

Lab File: BG042973.D

Acq: 1 Oct 2019 19:00

Instrument :

BNA_G

ClientSampleId :

GP-5 (10-12)

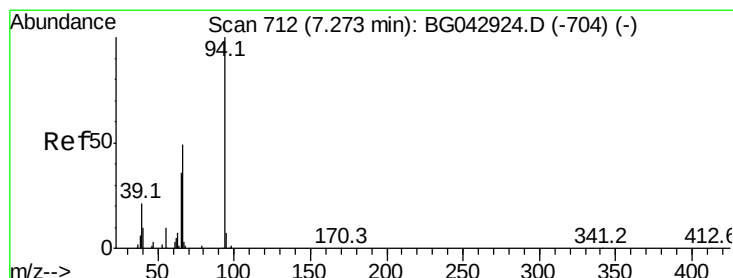
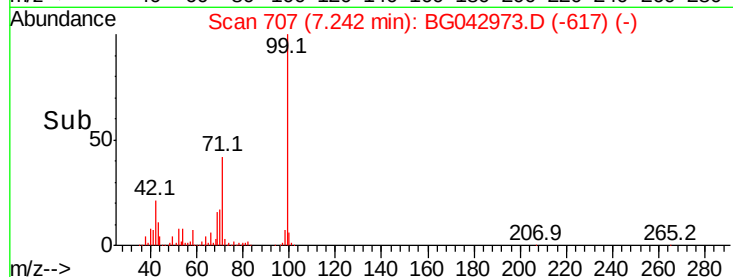
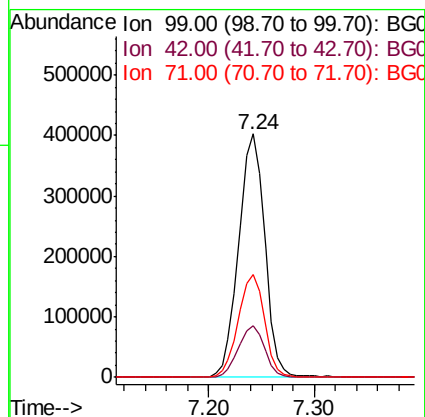
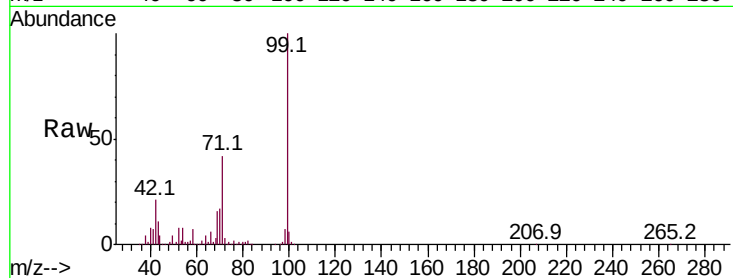
Tot Ion: 99 Resp: 690656

Ion Ratio Lower Upper

99 100

42 21.2 17.2 25.8

71 42.5 33.1 49.7



#10

Phenol

Concen: 2.445 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BG042973.D

Acq: 1 Oct 2019 19:00

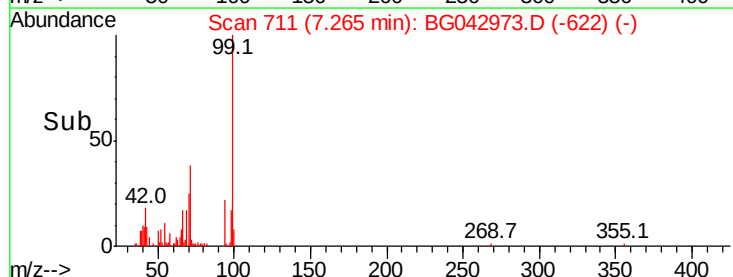
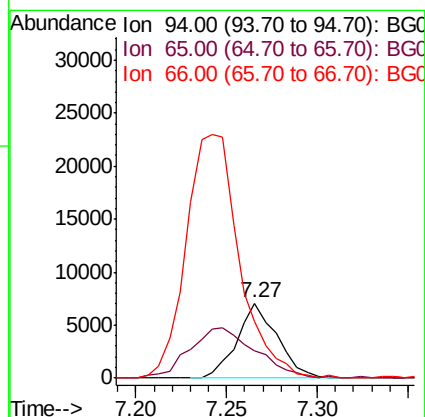
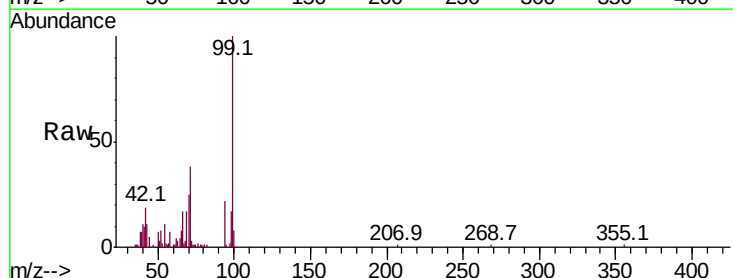
Tgt Ion: 94 Resp: 10869

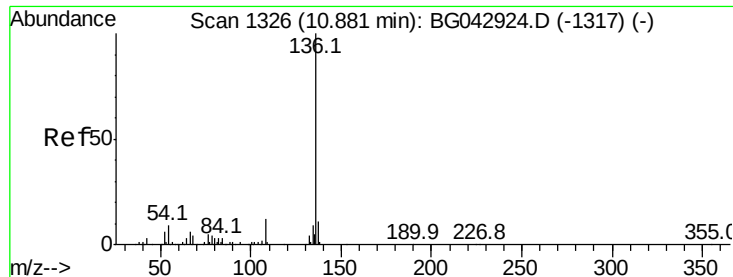
Ion Ratio Lower Upper

94 100

65 36.5 16.6 56.6

66 76.3 32.4 72.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BG042973.D

Acq: 1 Oct 2019 19:00

Instrument :

BNA_G

ClientSampleId :

GP-5 (10-12)

Tot Ion:136 Resp: 231178

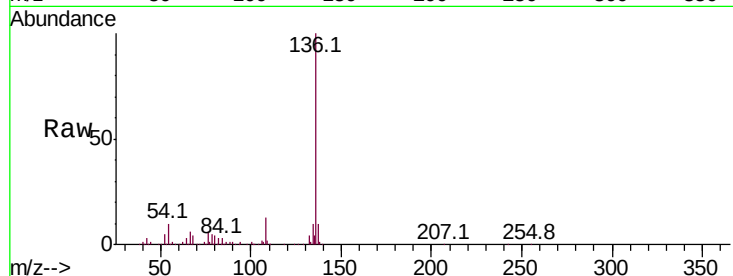
Ion Ratio Lower Upper

136 100

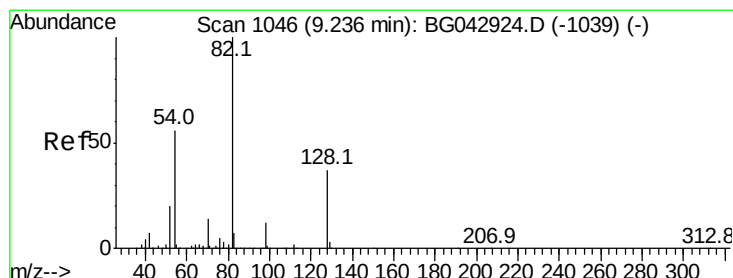
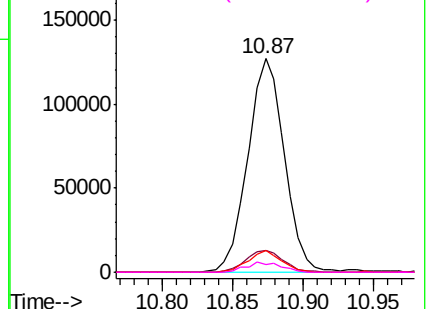
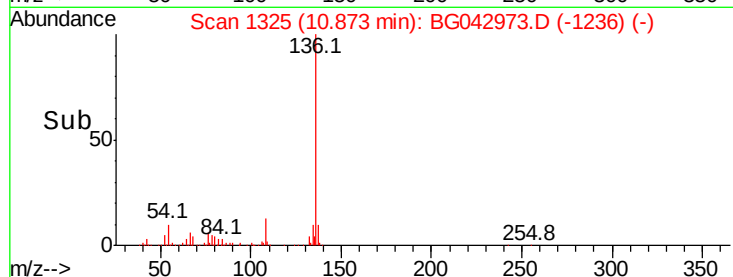
137 10.2 8.5 12.7

54 10.2 7.4 11.2

68 3.6 3.6 5.4



Abundance Ion 136.00 (135.70 to 136.70): E
200000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG



#23

Nitrobenzene-d5

Concen: 92.849 ng

RT: 9.23 min Scan# 1045

Delta R.T. -0.01 min

Lab File: BG042973.D

Acq: 1 Oct 2019 19:00

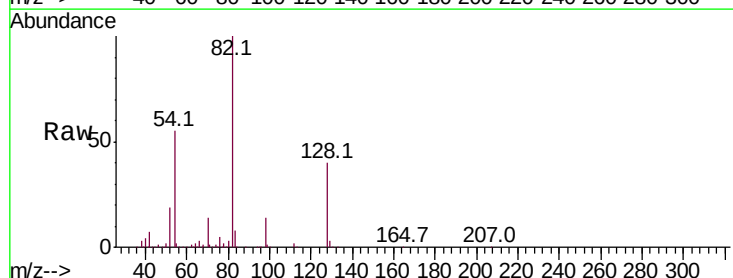
Tgt Ion: 82 Resp: 441614

Ion Ratio Lower Upper

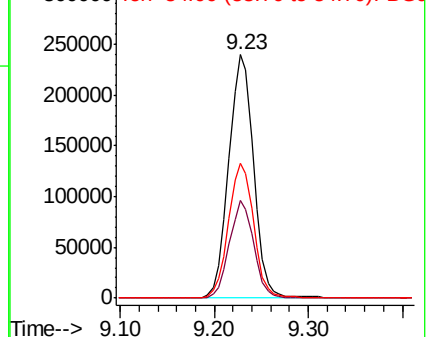
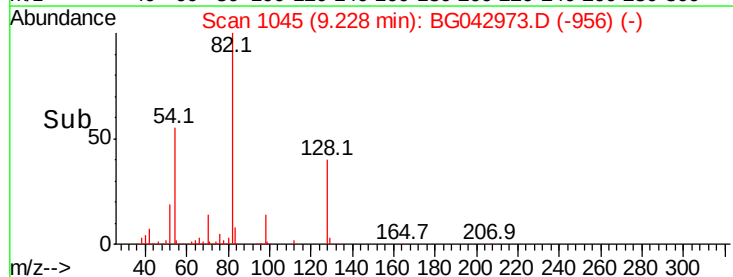
82 100

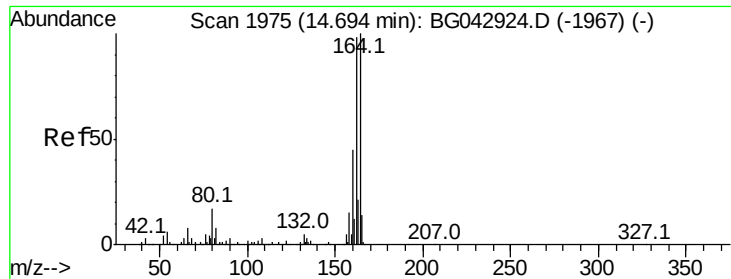
128 40.1 29.5 44.3

54 55.3 44.6 67.0



Abundance Ion 82.00 (81.70 to 82.70): BG
300000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BG





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG042973.D

Acq: 1 Oct 2019 19:00

Instrument :

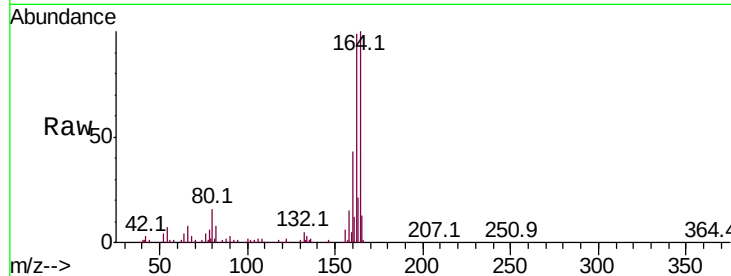
BNA_G

ClientSampleId :

GP-5 (10-12)

Tot Ion:164 Resp: 169950

Ion	Ratio	Lower	Upper
164	100		
162	98.7	78.5	117.7
160	43.0	35.9	53.9

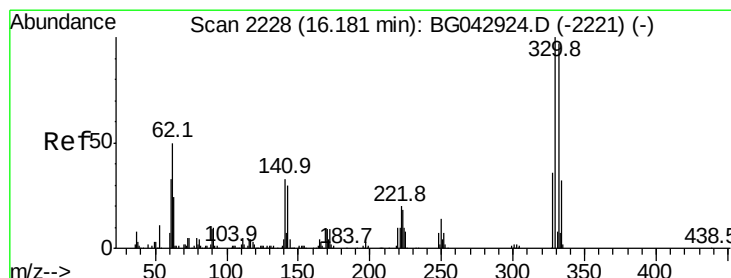
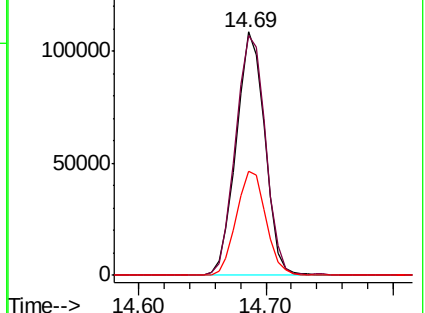
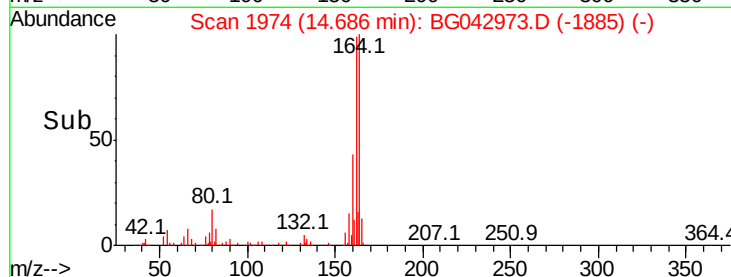


Abundance

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: 142.792 ng

RT: 16.17 min Scan# 2227

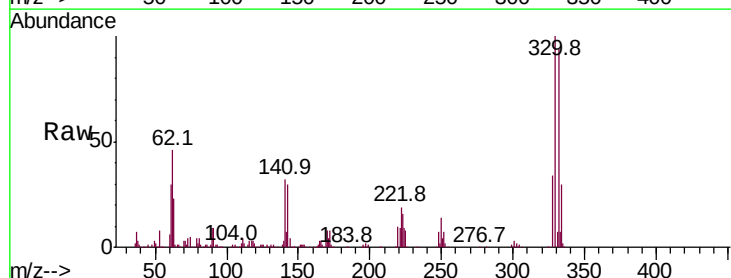
Delta R.T. -0.01 min

Lab File: BG042973.D

Acq: 1 Oct 2019 19:00

Tgt Ion:330 Resp: 417296

Ion	Ratio	Lower	Upper
330	100		
332	95.6	78.2	117.2
141	30.9	26.0	39.0

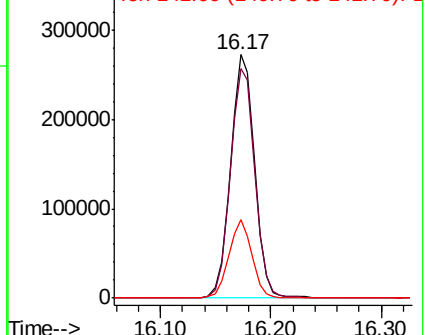
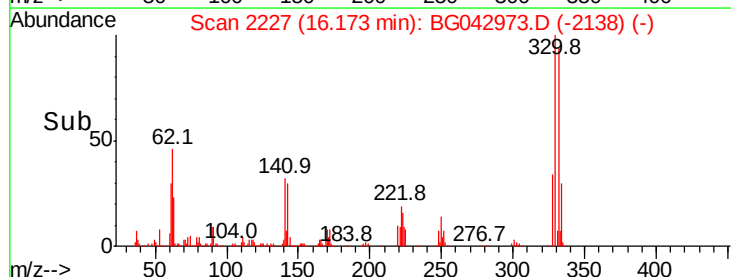


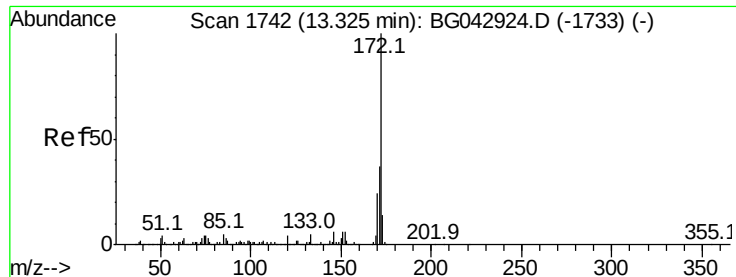
Abundance

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: 90.299 ng

RT: 13.32 min Scan# 1741

Delta R.T. -0.01 min

Lab File: BG042973.D

Acq: 1 Oct 2019 19:00

Instrument :

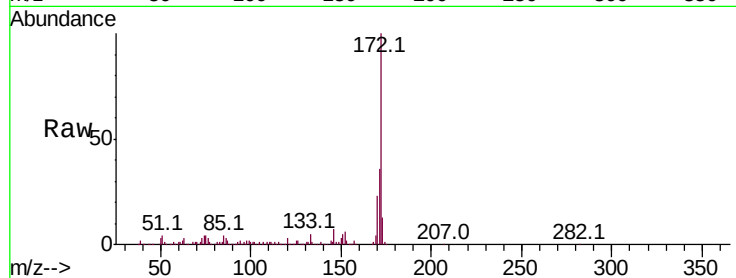
BNA_G

ClientSampleId :

GP-5 (10-12)

Tot Ion:172 Resp: 1058590

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	23.1	19.6	29.4



Abundance

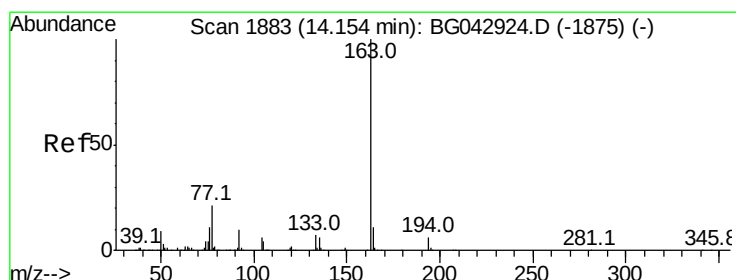
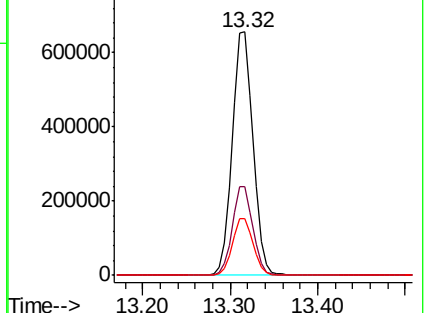
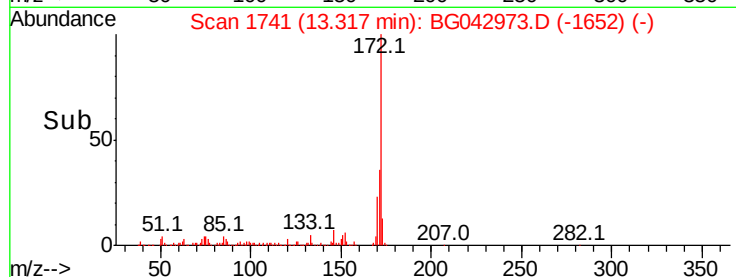
Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

13.32

Time-->



#50

Dimethylphthalate

Concen: 16.223 ng

RT: 14.14 min Scan# 1881

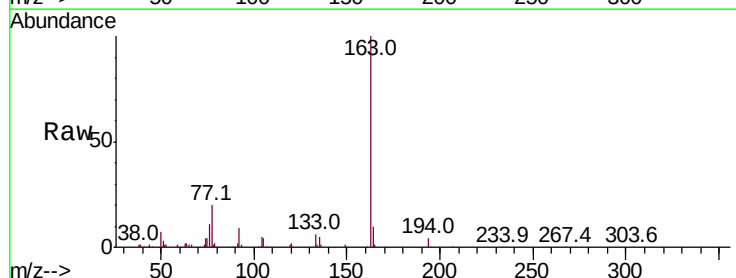
Delta R.T. -0.01 min

Lab File: BG042973.D

Acq: 1 Oct 2019 19:00

Tgt Ion:163 Resp: 206579

Ion	Ratio	Lower	Upper
163	100		
194	4.1	4.4	6.6#
164	9.7	8.6	12.8



Abundance

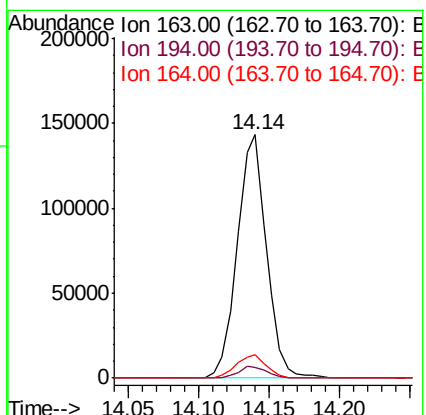
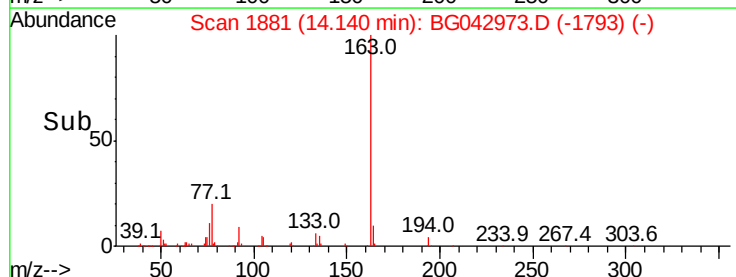
Ion 163.00 (162.70 to 163.70): E

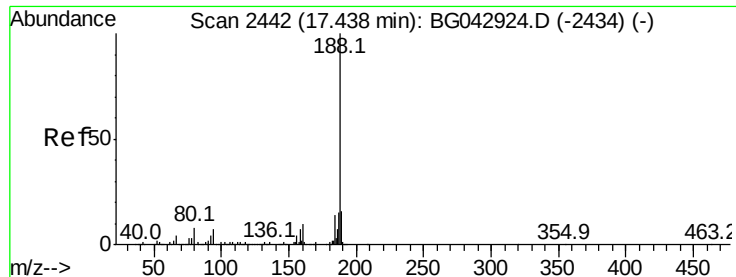
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

14.14

Time-->





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BG042973.D

Acq: 1 Oct 2019 19:00

Instrument :

BNA_G

ClientSampleId :

GP-5 (10-12)

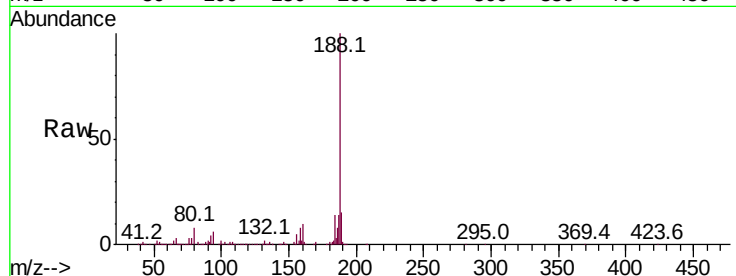
Tot Ion:188 Resp: 427663

Ion Ratio Lower Upper

188 100

94 5.8 5.7 8.5

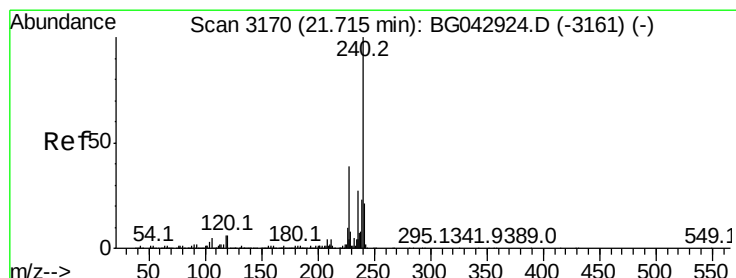
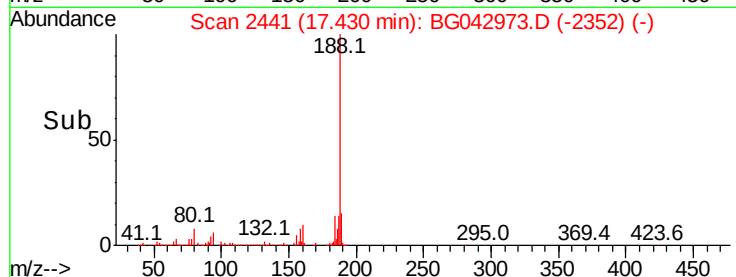
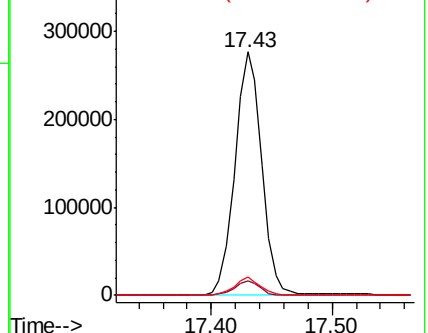
80 7.7 6.5 9.7



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# 3168

Delta R.T. -0.01 min

Lab File: BG042973.D

Acq: 1 Oct 2019 19:00

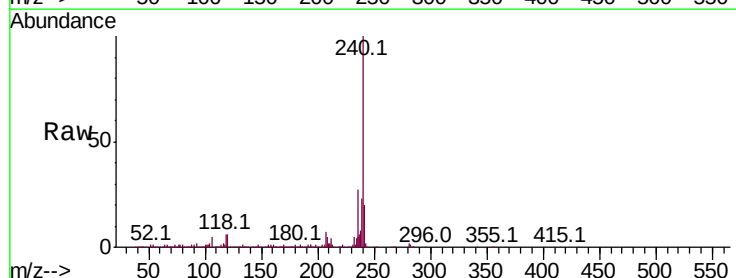
Tgt Ion:240 Resp: 482605

Ion Ratio Lower Upper

240 100

120 5.6 4.8 7.2

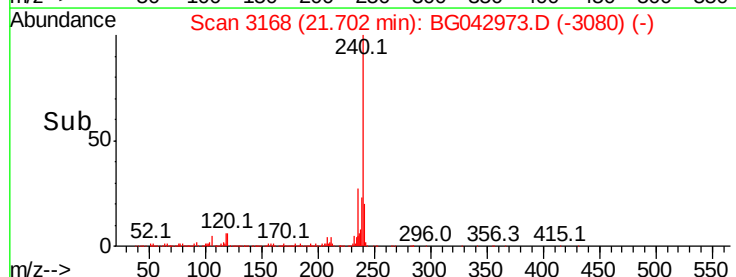
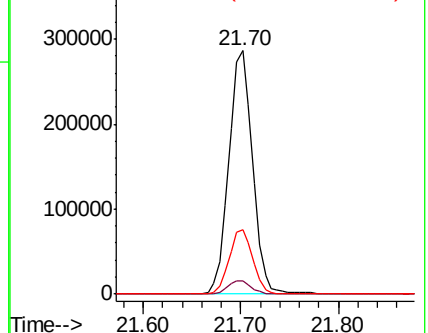
236 26.7 21.4 32.0

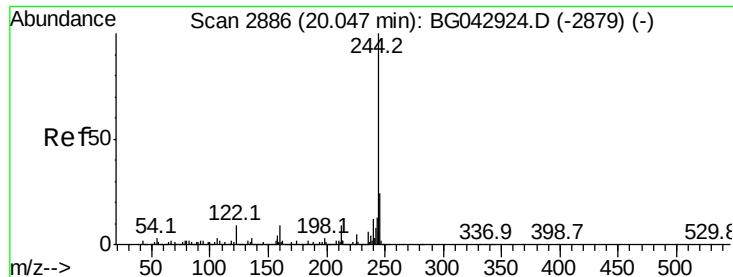


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 87.548 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG042973.D

Acq: 1 Oct 2019 19:00

Instrument :

BNA_G

ClientSampleId :

GP-5 (10-12)

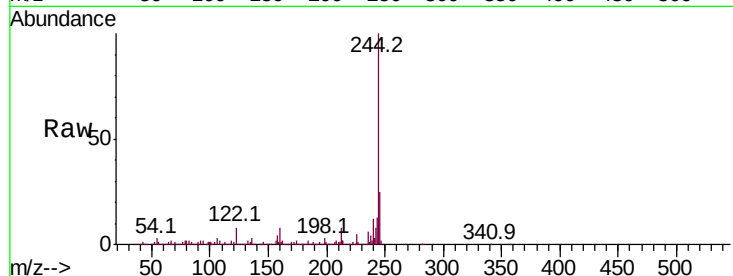
Tot Ion:244 Resp: 1982803

Ion Ratio Lower Upper

244 100

212 8.3 7.4 11.0

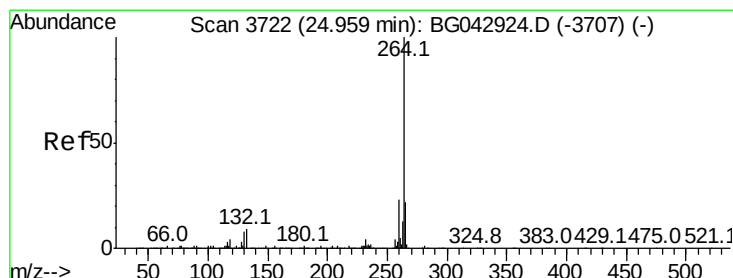
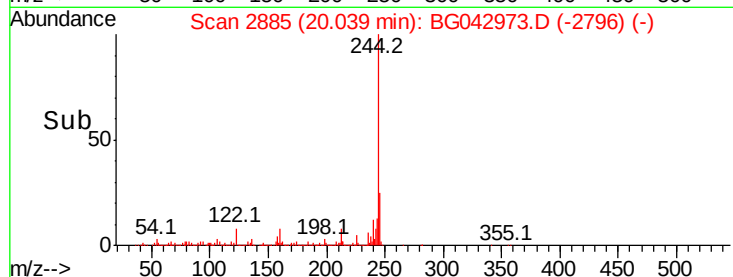
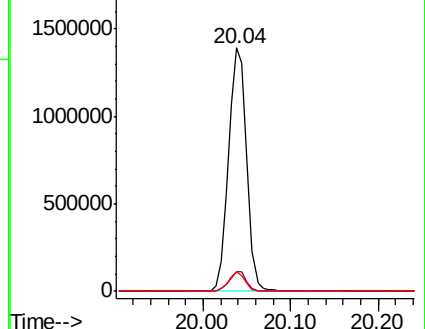
122 7.9 7.0 10.4



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: 24.93 min Scan# 3717

Delta R.T. -0.03 min

Lab File: BG042973.D

Acq: 1 Oct 2019 19:00

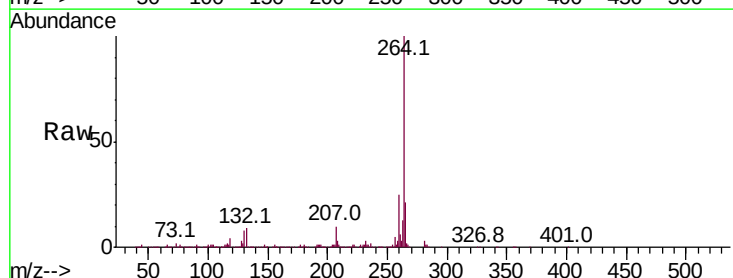
Tgt Ion:264 Resp: 549533

Ion Ratio Lower Upper

264 100

260 24.7 18.7 28.1

265 21.4 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

