

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091619\
 Data File : BG042857.D
 Acq On : 16 Sep 2019 20:28
 Operator : HP/JU
 Sample : K4866-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SUMP-PIT

Quant Time: Sep 17 04:19:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

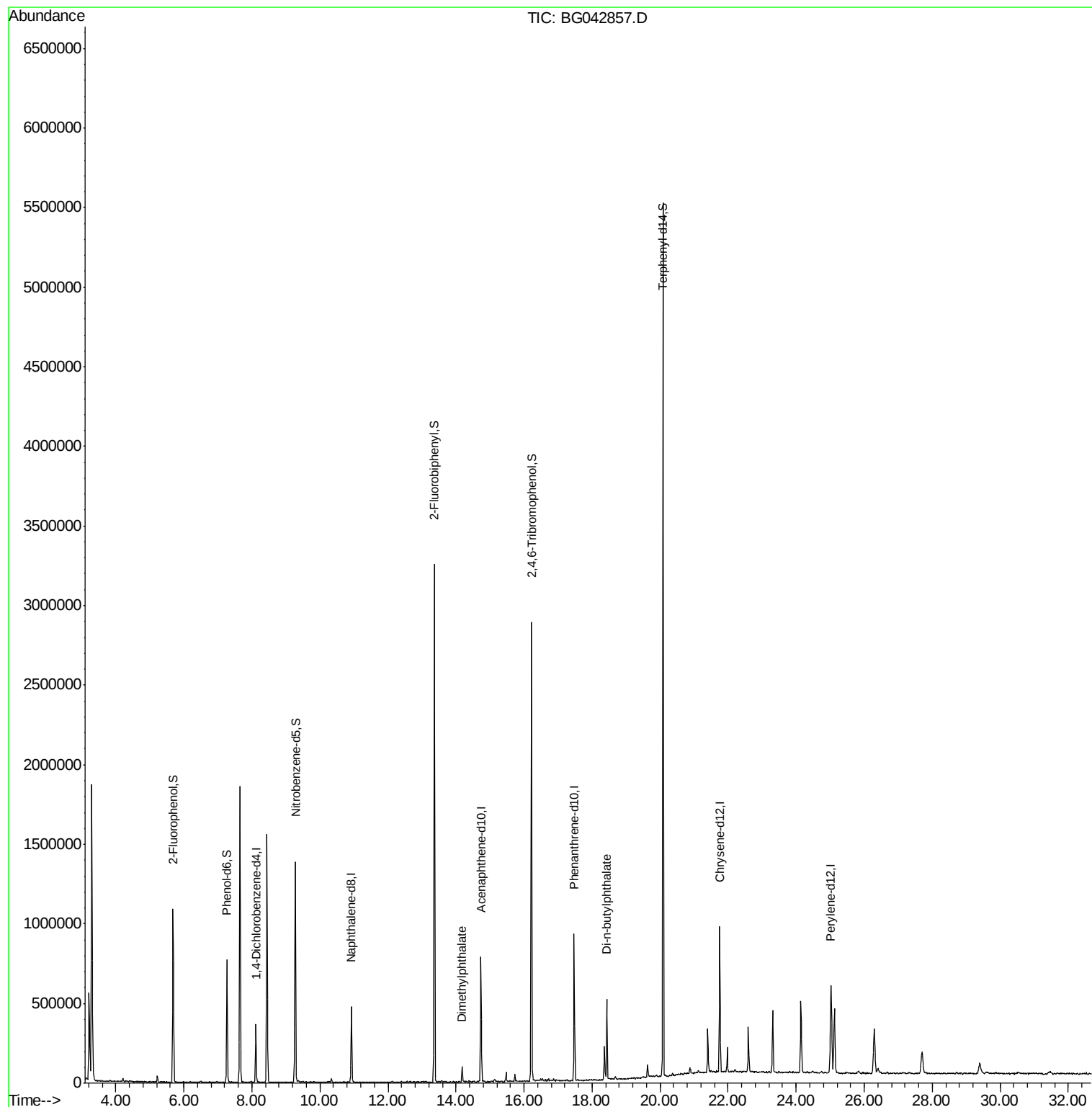
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	103964	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	407547	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	275669	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	593799	20.00	ng	-0.01
76) Chrysene-d12	21.75	240	568839	20.00	ng	-0.01
87) Perylene-d12	25.03	264	642140	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	458746	76.71	ng	0.00
7) Phenol-d6	7.27	99	431553	50.28	ng	0.00
23) Nitrobenzene-d5	9.28	82	863419	110.30	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	570741	155.62	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	1765929	101.40	ng	0.00
79) Terphenyl-d14	20.08	244	2597362	101.20	ng	-0.01
Target Compounds						
50) Dimethylphthalate	14.18	163	60125	2.911	ng	99
74) Di-n-butylphthalate	18.44	149	338796	10.488	ng	98

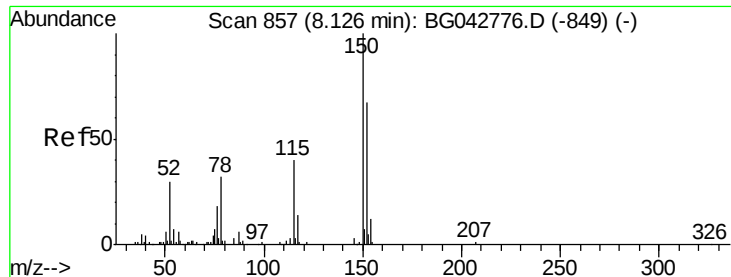
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 12 14:06:09 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BG042857.D

Acq: 16 Sep 2019 20:28

Instrument :

BNA_G

ClientSampleId :

SUMP-PIT

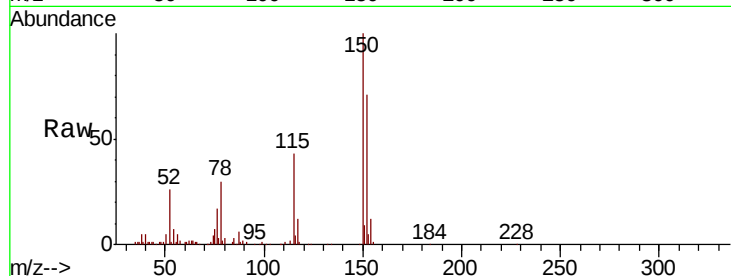
Tot Ion:152 Resp: 103964

Ion Ratio Lower Upper

152 100

150 141.8 118.9 178.3

115 60.3 47.4 71.2

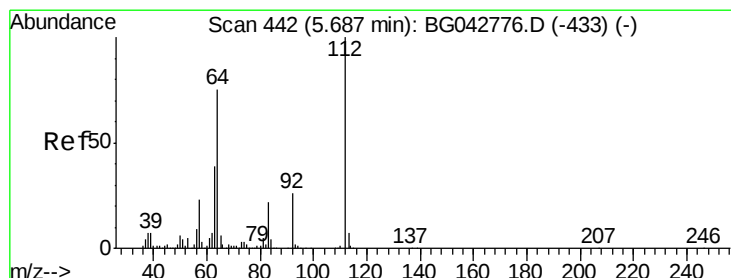
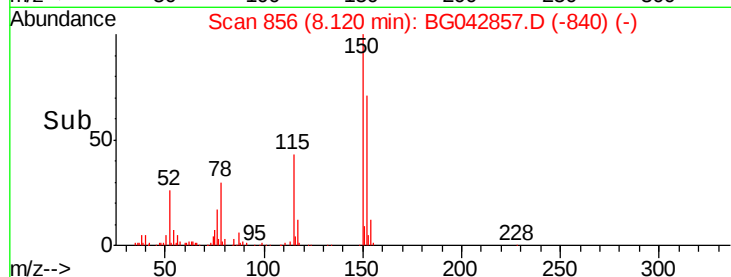
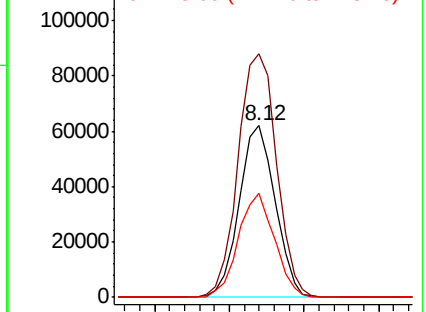


Abundance

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: 76.714 ng

RT: 5.68 min Scan# 441

Delta R.T. -0.01 min

Lab File: BG042857.D

Acq: 16 Sep 2019 20:28

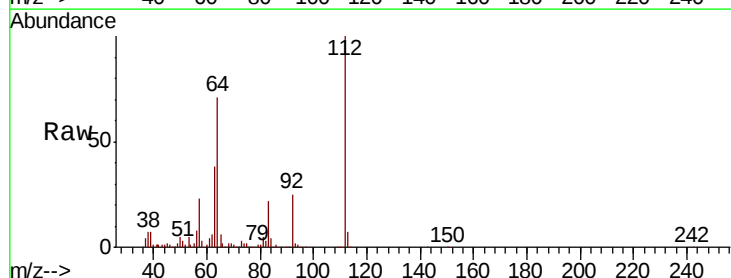
Tgt Ion:112 Resp: 458746

Ion Ratio Lower Upper

112 100

64 70.9 60.2 90.2

63 37.6 31.2 46.8

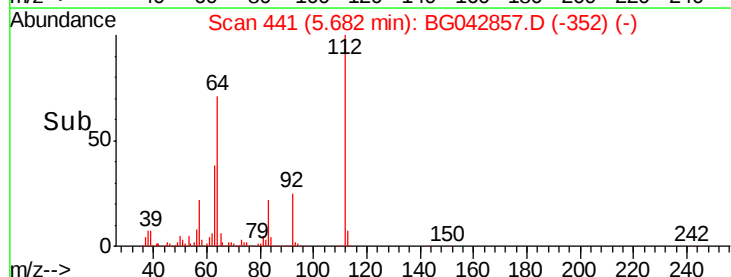
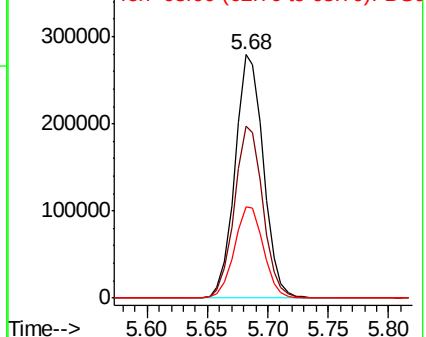


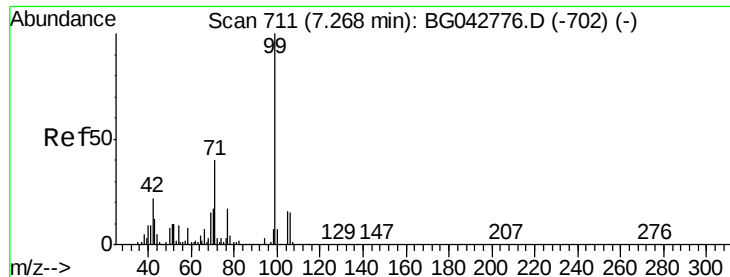
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 50.279 ng

RT: 7.27 min Scan# 711

Delta R.T. 0.00 min

Lab File: BG042857.D

Acq: 16 Sep 2019 20:28

Instrument :

BNA_G

ClientSampleId :

SUMP-PIT

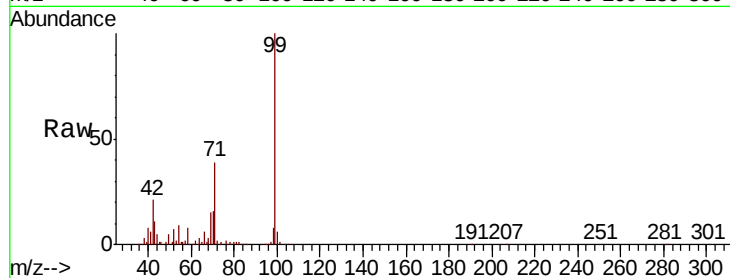
Tot Ion: 99 Resp: 431553

Ion Ratio Lower Upper

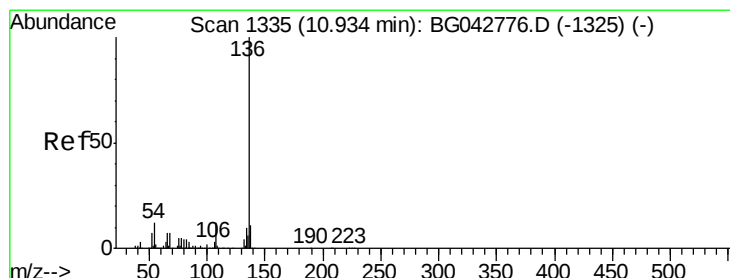
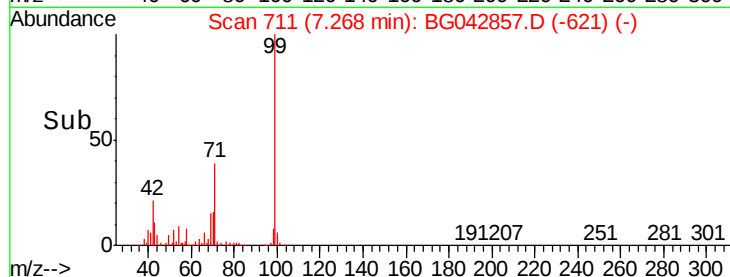
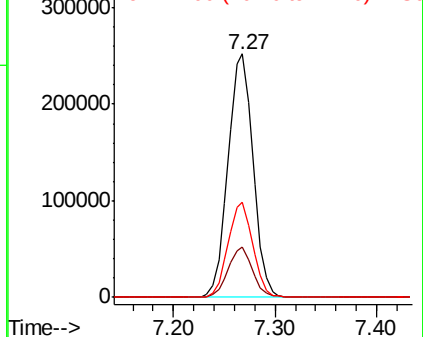
99 100

42 20.7 17.5 26.3

71 38.9 32.0 48.0



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: 10.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BG042857.D

Acq: 16 Sep 2019 20:28

Tgt Ion: 136 Resp: 407547

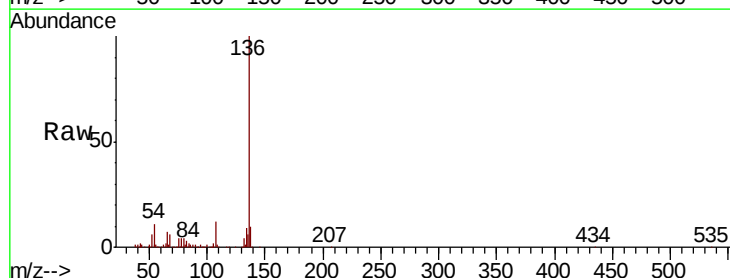
Ion Ratio Lower Upper

136 100

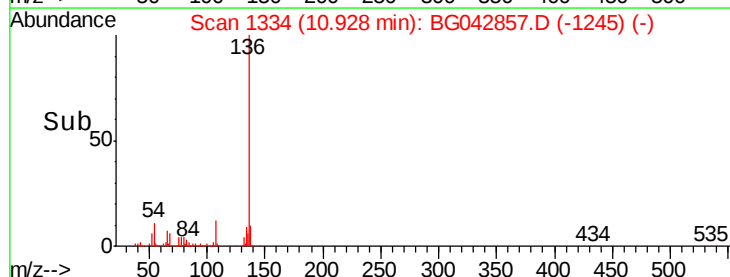
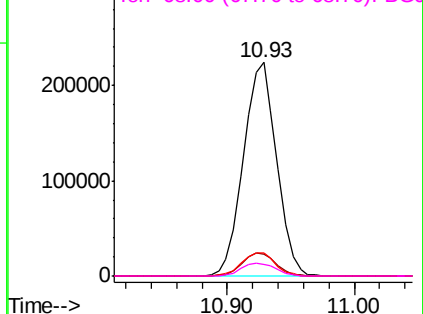
137 10.1 9.0 13.6

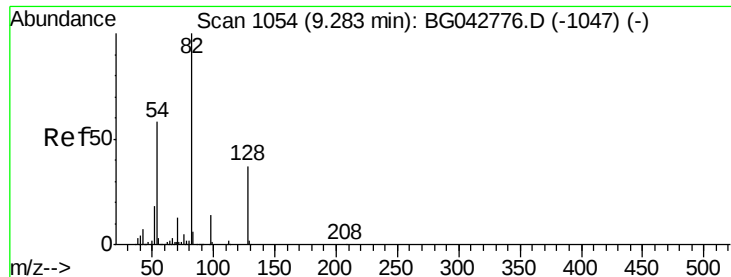
54 10.6 9.4 14.0

68 5.6 5.4 8.2



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: 110.298 ng

RT: 9.28 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BG042857.D

Acq: 16 Sep 2019 20:28

Instrument :

BNA_G

ClientSampleId :

SUMP-PIT

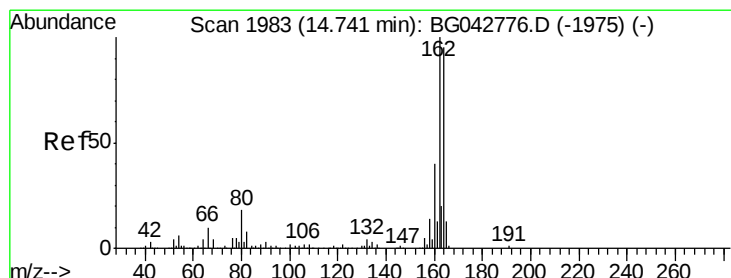
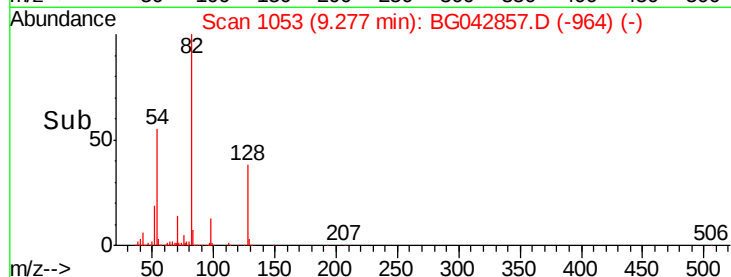
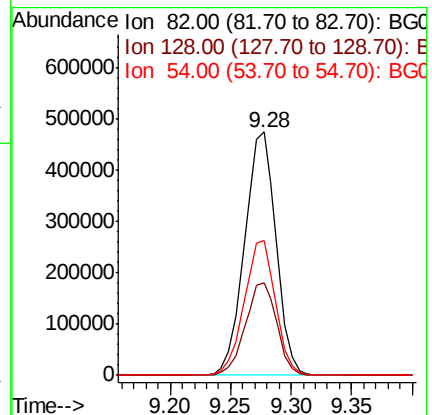
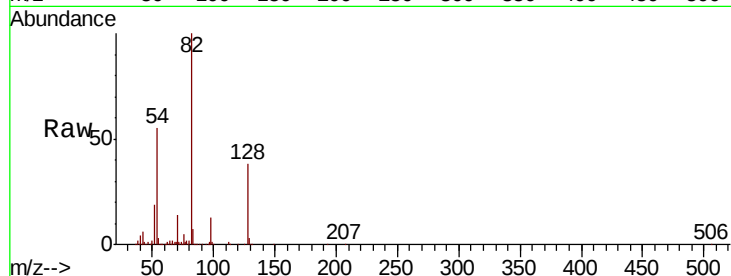
Tot Ion: 82 Resp: 863419

Ion Ratio Lower Upper

82 100

128 38.2 29.8 44.8

54 55.4 46.1 69.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BG042857.D

Acq: 16 Sep 2019 20:28

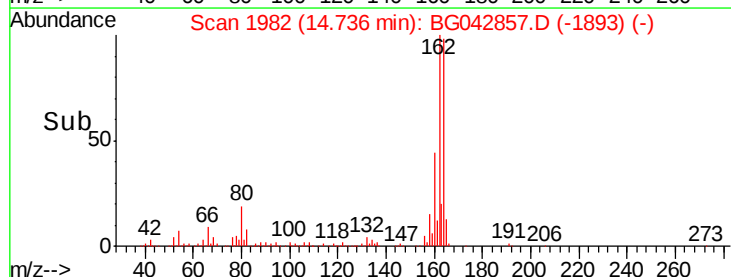
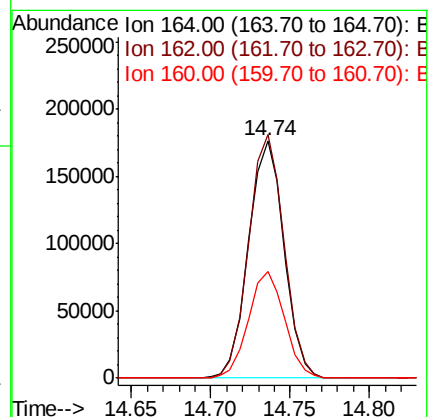
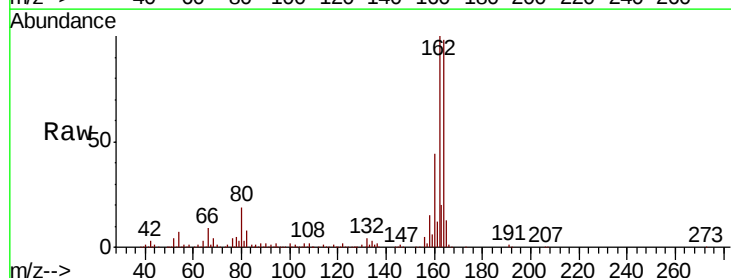
Tgt Ion: 164 Resp: 275669

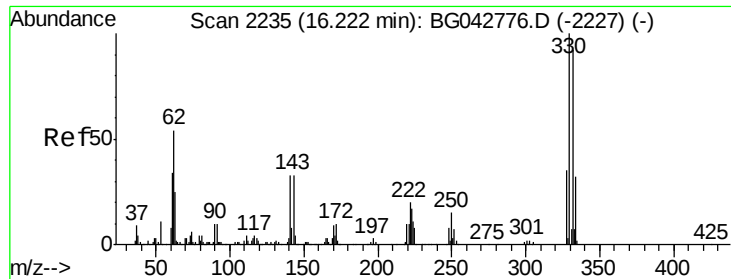
Ion Ratio Lower Upper

164 100

162 102.4 84.6 126.8

160 44.8 34.2 51.2

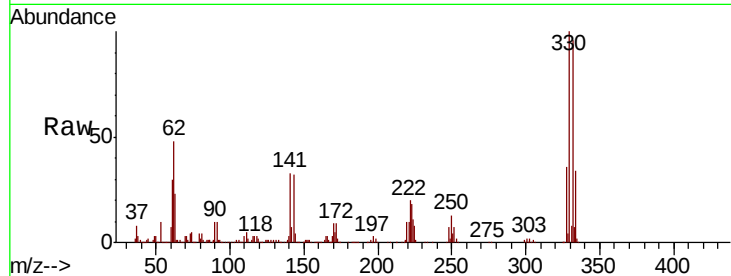




#42
 2,4,6-Tribromophenol
 Concen: 155.619 ng
 RT: 16.22 min Scan# 2235
 Delta R.T. 0.00 min
 Lab File: BG042857.D
 Acq: 16 Sep 2019 20:28

Instrument :
 BNA_G
 ClientSampleId :
 SUMP-PIT

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.7	115.1
141	35.0	27.0	40.6

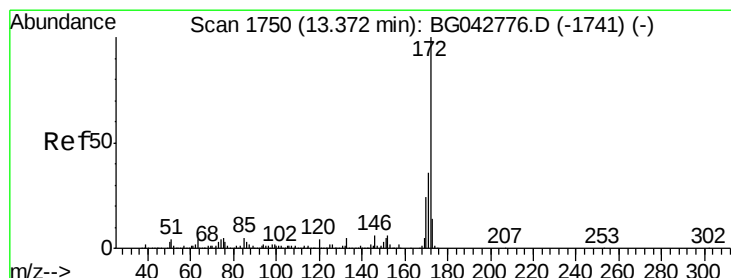
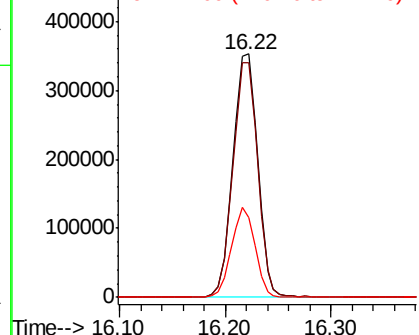
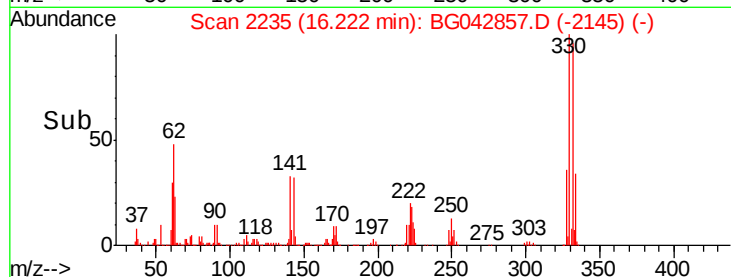


Abundance

Ion 329.80 (329.50 to 330.50): E

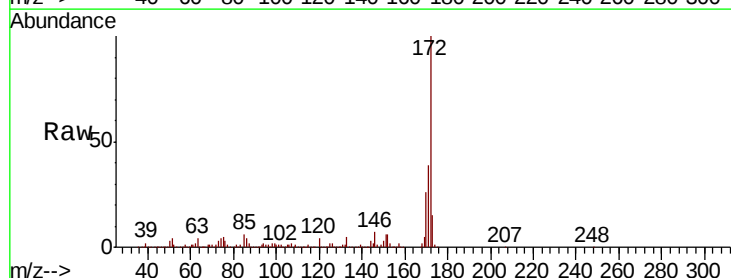
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 101.402 ng
 RT: 13.37 min Scan# 1749
 Delta R.T. -0.01 min
 Lab File: BG042857.D
 Acq: 16 Sep 2019 20:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.3	28.9	43.3
170	26.2	19.1	28.7

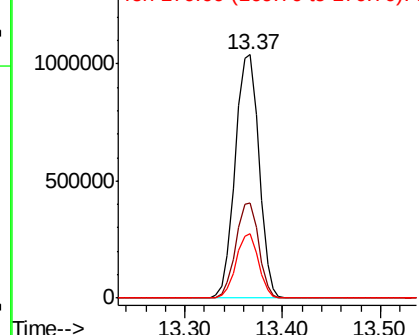
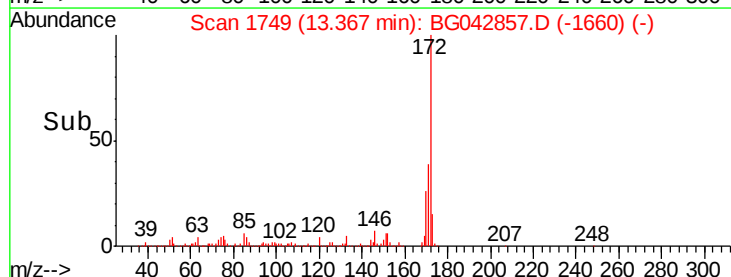


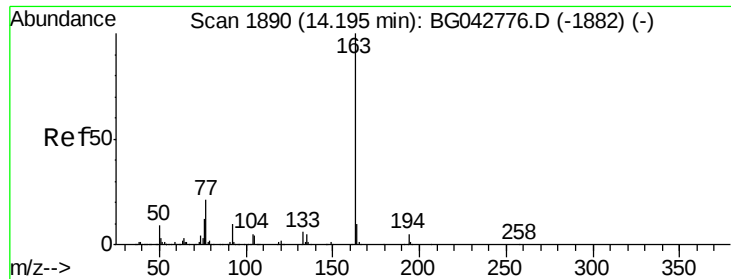
Abundance

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

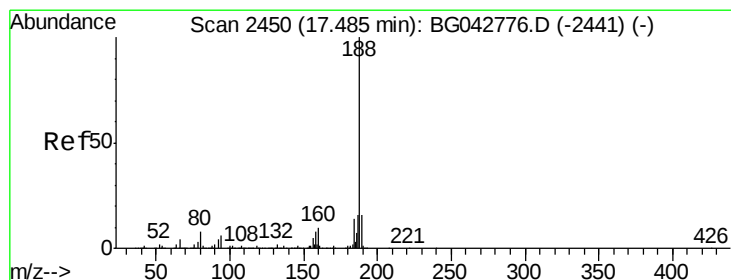
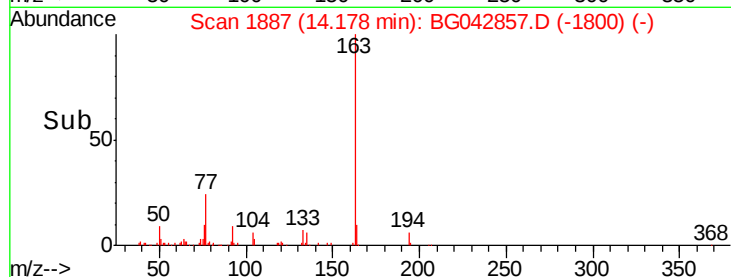
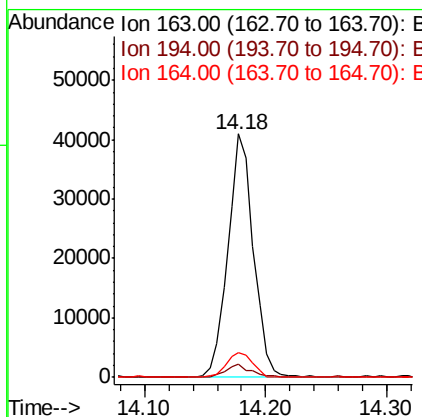
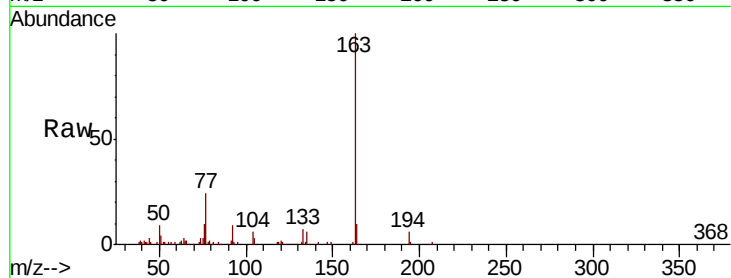




#50
Dimethylphthalate
Concen: 2.911 ng
RT: 14.18 min Scan# 1887
Delta R.T. -0.02 min
Lab File: BG042857.D
Acq: 16 Sep 2019 20:28

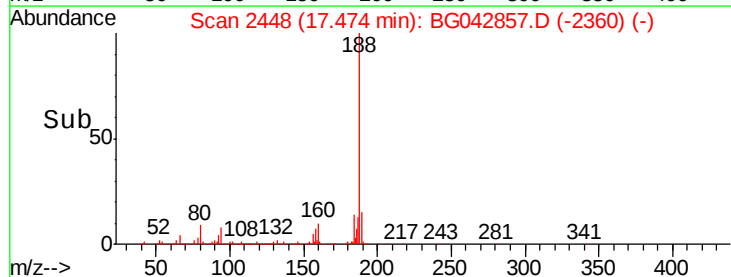
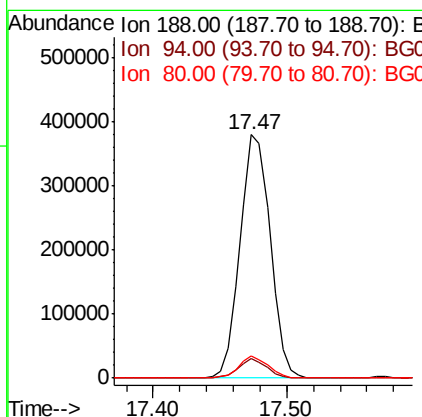
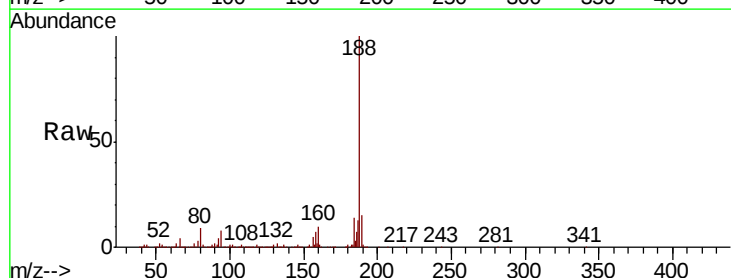
Instrument :
BNA_G
ClientSampled :
SUMP-PIT

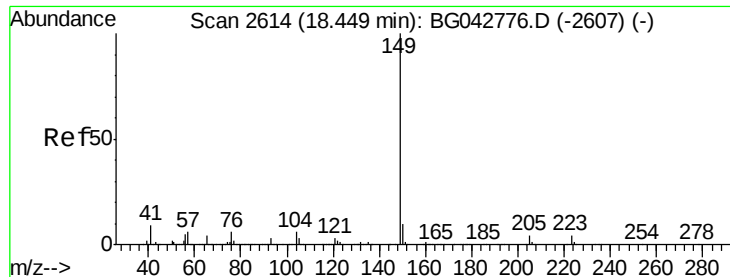
Tot Ion	163	Resp	60125
Ion Ratio	Lower	Upper	
163	100		
194	5.6	4.2	6.4
164	10.3	8.4	12.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2448
Delta R.T. -0.01 min
Lab File: BG042857.D
Acq: 16 Sep 2019 20:28

Tgt Ion	188	Resp	593799
Ion Ratio	Lower	Upper	
188	100		
94	7.8	4.8	7.2#
80	9.2	6.6	9.8





#74

Di-n-butylphthalate

Concen: 10.488 ng

RT: 18.44 min Scan# 2612

Delta R.T. -0.01 min

Lab File: BG042857.D

Acq: 16 Sep 2019 20:28

Instrument :

BNA_G

ClientSampleId :

SUMP-PIT

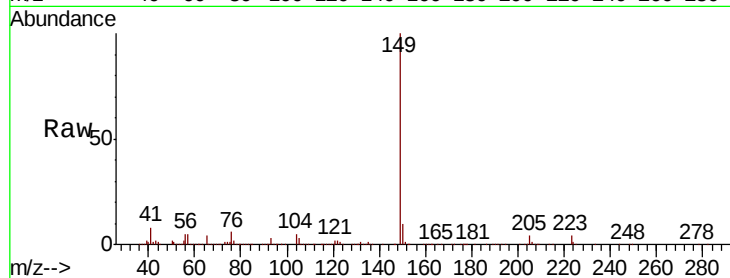
Tot Ion:149 Resp: 338796

Ion Ratio Lower Upper

149 100

150 9.7 8.0 12.0

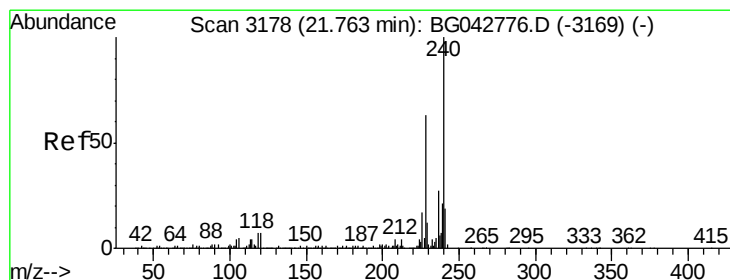
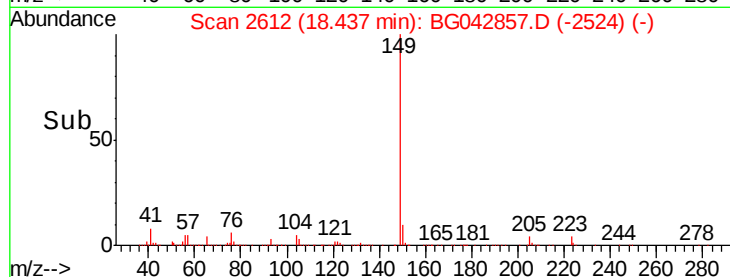
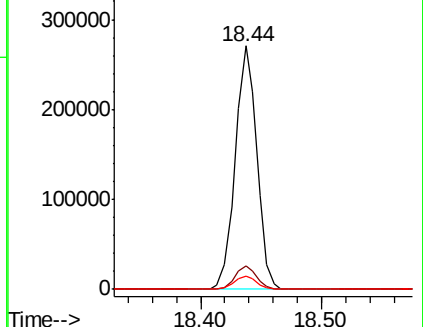
104 5.3 5.1 7.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3176

Delta R.T. -0.01 min

Lab File: BG042857.D

Acq: 16 Sep 2019 20:28

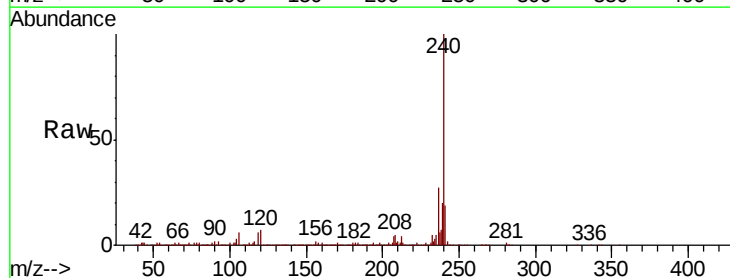
Tgt Ion:240 Resp: 568839

Ion Ratio Lower Upper

240 100

120 7.4 5.4 8.2

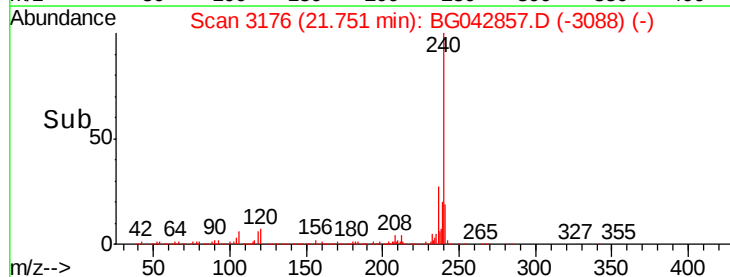
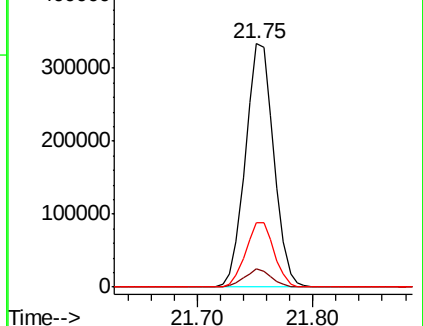
236 26.5 21.7 32.5

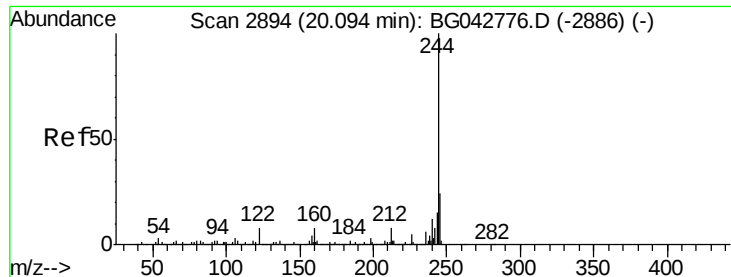


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 101.197 ng

RT: 20.08 min Scan# 2892

Delta R.T. -0.01 min

Lab File: BG042857.D

Acq: 16 Sep 2019 20:28

Instrument :

BNA_G

ClientSampleId :

SUMP-PIT

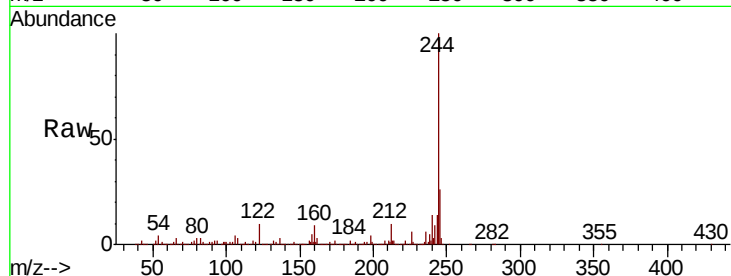
Tot Ion:244 Resp: 2597362

Ion Ratio Lower Upper

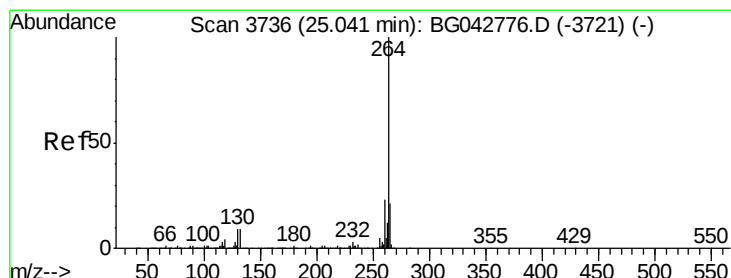
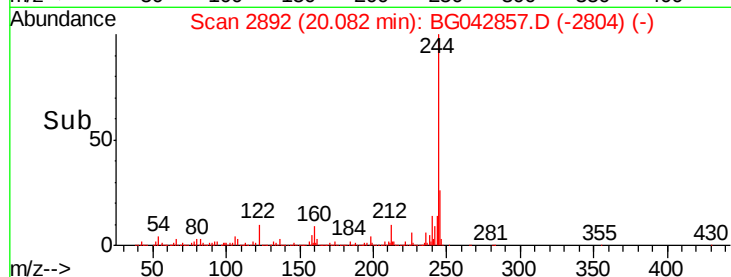
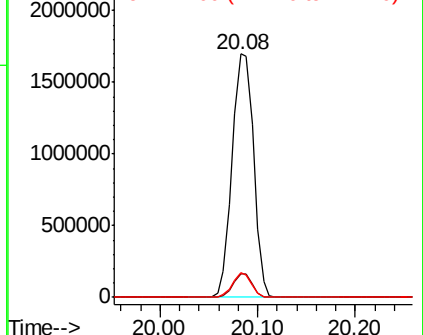
244 100

212 9.6 6.6 10.0

122 10.1 6.2 9.4#



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: 25.03 min Scan# 3734

Delta R.T. -0.01 min

Lab File: BG042857.D

Acq: 16 Sep 2019 20:28

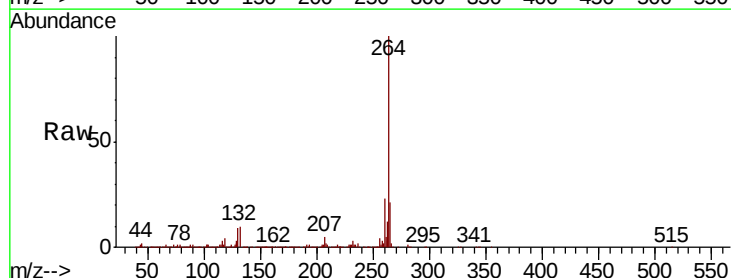
Tgt Ion:264 Resp: 642140

Ion Ratio Lower Upper

264 100

260 23.2 18.2 27.2

265 21.2 16.9 25.3



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

