

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013120\
 Data File : BG044268.D
 Acq On : 31 Jan 2020 20:23
 Operator : CG/JU
 Sample : L1333-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-2-COMP

Quant Time: Feb 01 00:24:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

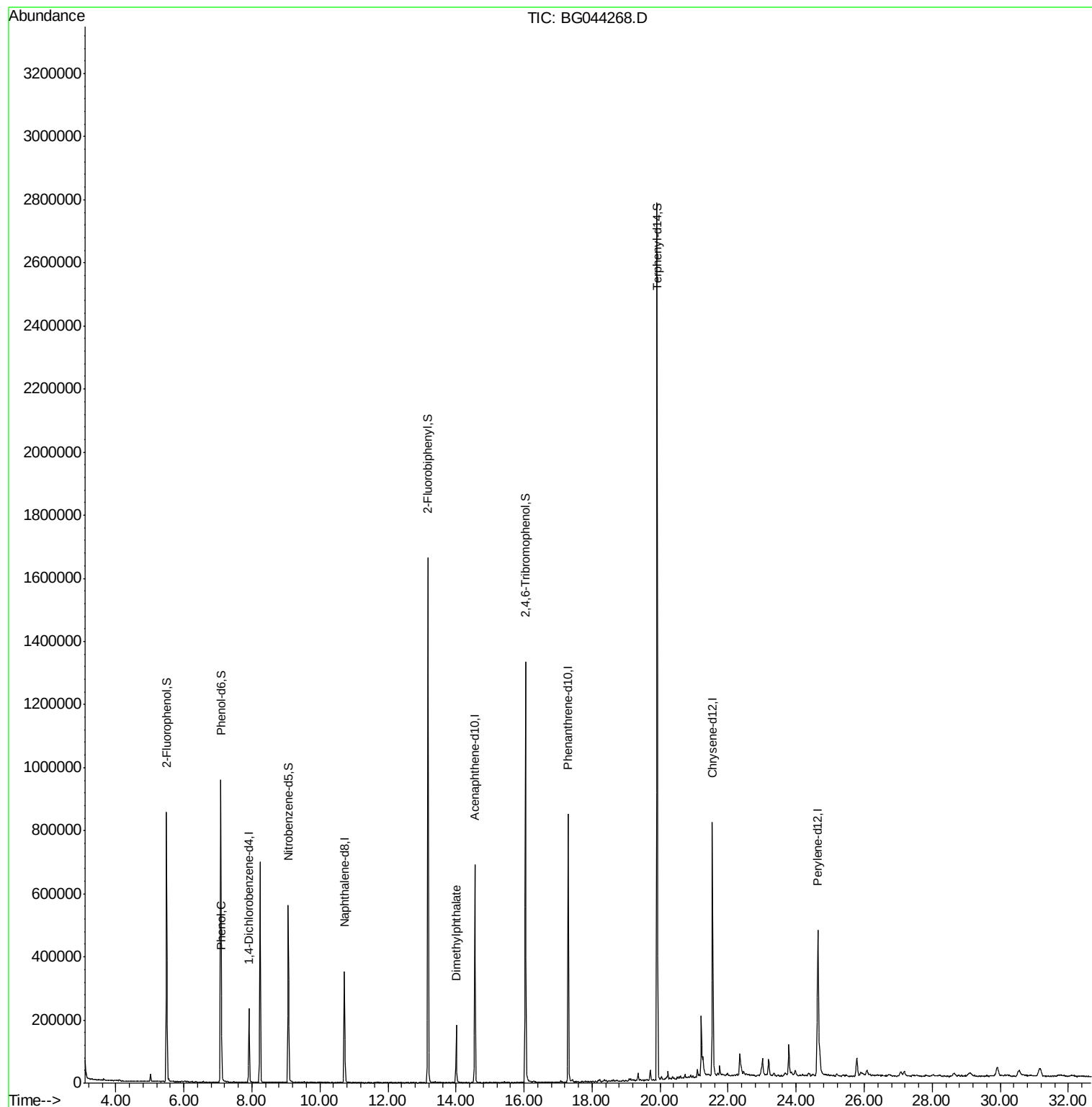
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	71478	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	328617	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	249604	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	534862	20.00	ng	0.00
76) Chrysene-d12	21.54	240	469329	20.00	ng	0.00
87) Perylene-d12	24.64	264	526952	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	427274	105.50	ng	0.00
7) Phenol-d6	7.09	99	620456	114.08	ng	0.00
23) Nitrobenzene-d5	9.07	82	370261	63.61	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	269362	91.93	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	913091	61.26	ng	0.00
79) Terphenyl-d14	19.91	244	1309394	57.39	ng	0.00
Target Compounds						
10) Phenol	7.11	94	27714	5.149	ng	88
50) Dimethylphthalate	14.01	163	137882	7.685	ng	97

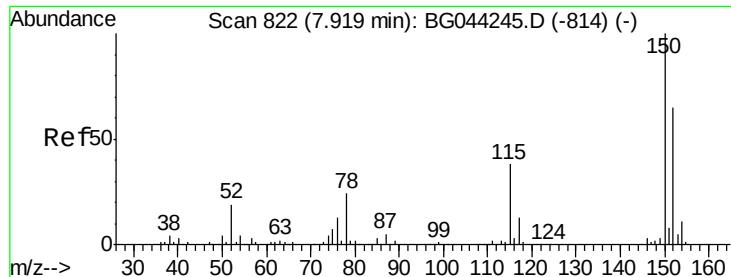
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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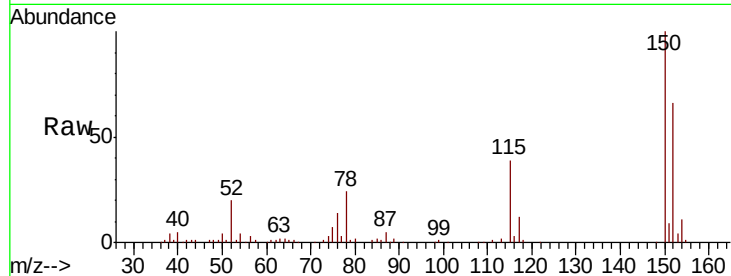


#1

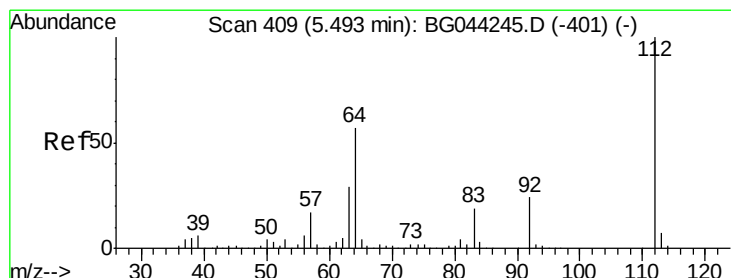
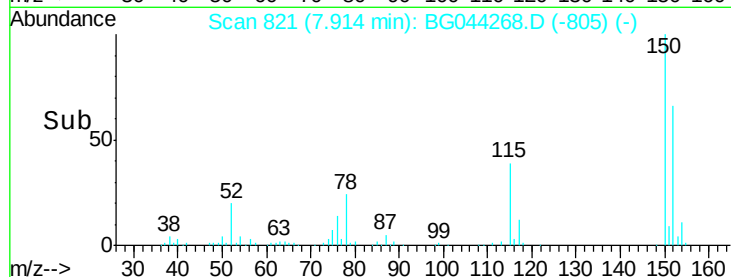
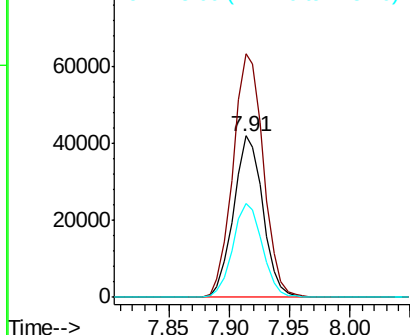
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG044268.D
Acq: 31 Jan 2020 20:23

Instrument :
BNA_G
ClientSampleId :
TP-1-2-COMP

Tot Ion:152 Resp: 71478
Ion Ratio Lower Upper
152 100
150 151.1 122.6 183.8
115 58.2 46.0 69.0



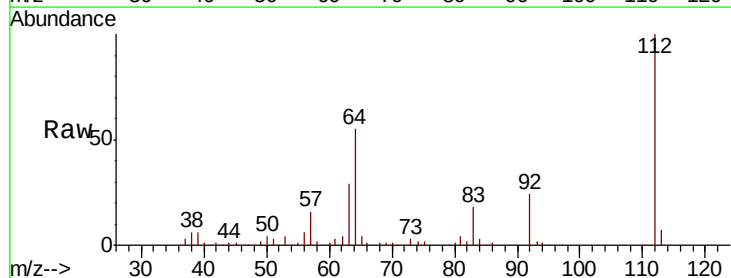
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



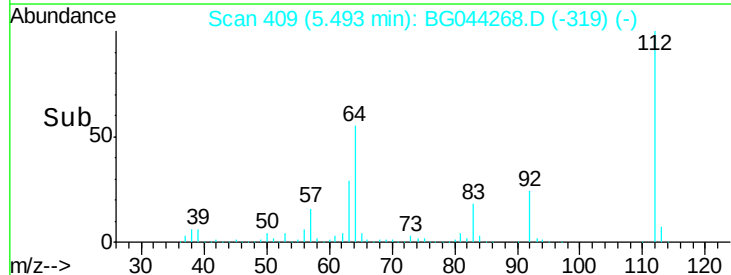
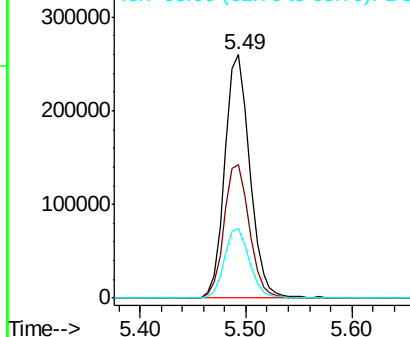
#5

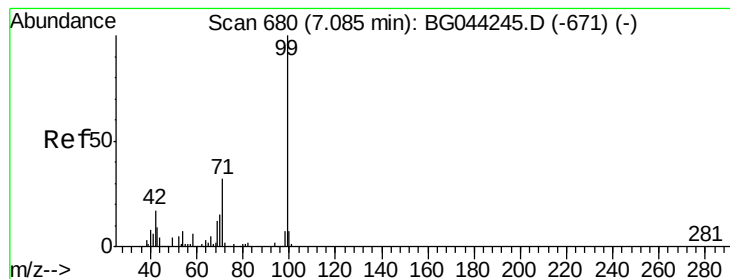
2-Fluorophenol
Concen: 105.497 ng
RT: 5.49 min Scan# 409
Delta R.T. 0.00 min
Lab File: BG044268.D
Acq: 31 Jan 2020 20:23

Tgt Ion:112 Resp: 427274
Ion Ratio Lower Upper
112 100
64 55.1 45.4 68.2
63 28.8 22.9 34.3



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: 114.082 ng

RT: 7.09 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG044268.D

Acq: 31 Jan 2020 20:23

Instrument :

BNA_G

ClientSampleId :

TP-1-2-COMP

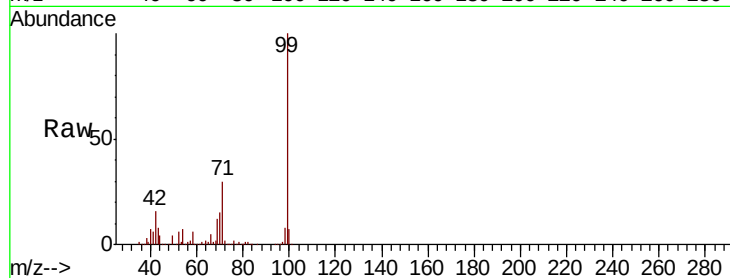
Tot Ion: 99 Resp: 620456

Ion Ratio Lower Upper

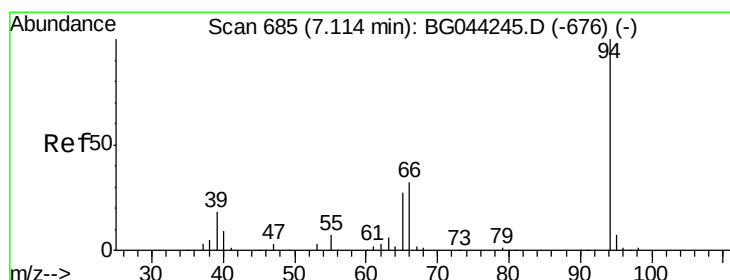
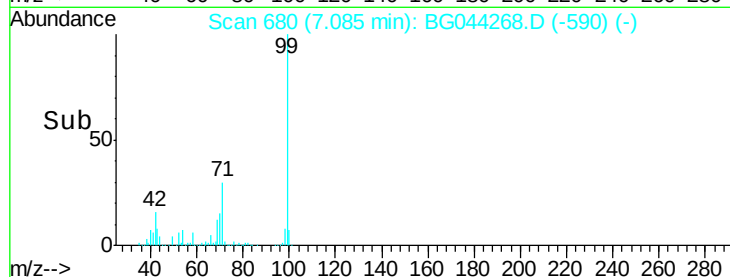
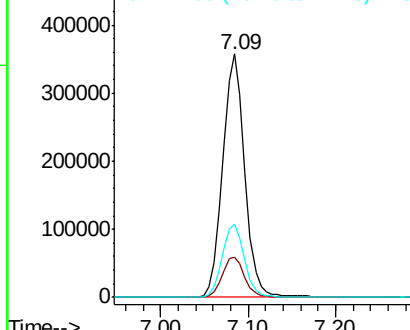
99 100

42 16.4 13.8 20.6

71 30.3 25.5 38.3



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: 5.149 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.01 min

Lab File: BG044268.D

Acq: 31 Jan 2020 20:23

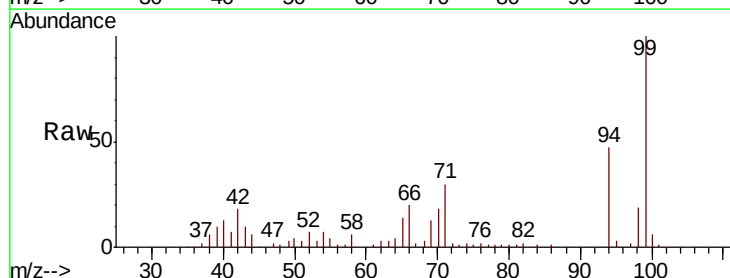
Tgt Ion: 94 Resp: 27714

Ion Ratio Lower Upper

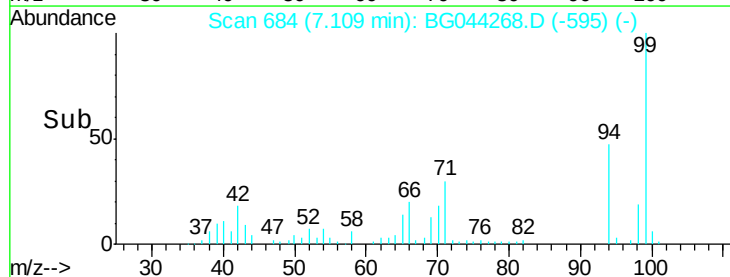
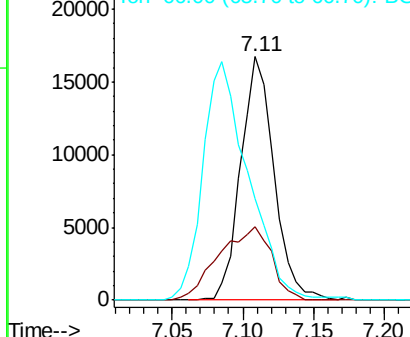
94 100

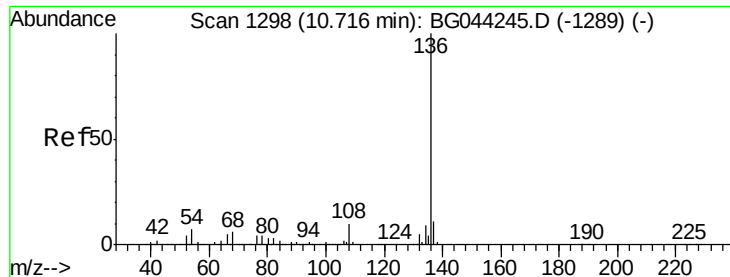
65 30.1 7.0 47.0

66 41.9 12.7 52.7



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# 1298

Delta R.T. 0.00 min

Lab File: BG044268.D

Acq: 31 Jan 2020 20:23

Instrument :

BNA_G

ClientSampleId :

TP-1-2-COMP

Tot Ion:136 Resp: 328617

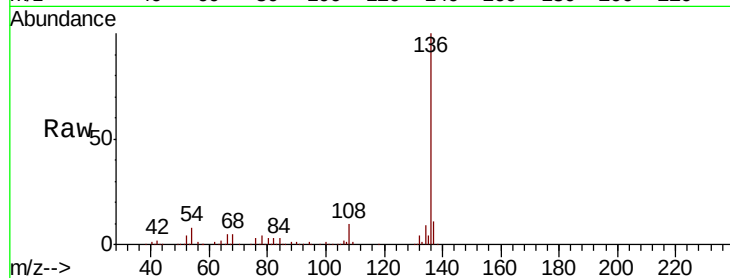
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 7.7 5.8 8.8

68 5.4 4.6 6.8

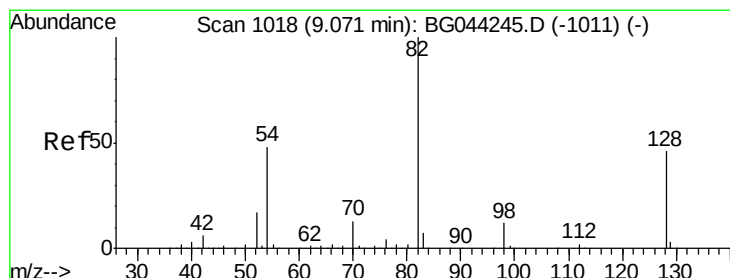
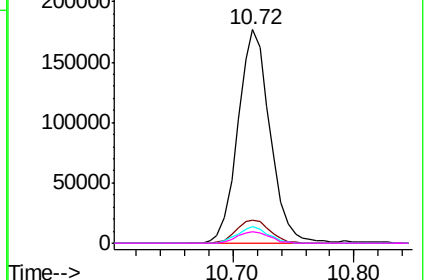
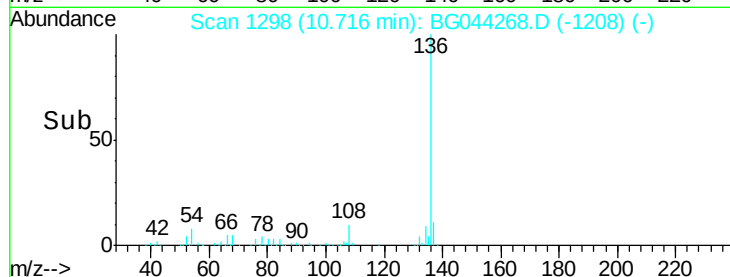


Abundance Ion 136.00 (135.70 to 136.70): E

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: 63.611 ng

RT: 9.07 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BG044268.D

Acq: 31 Jan 2020 20:23

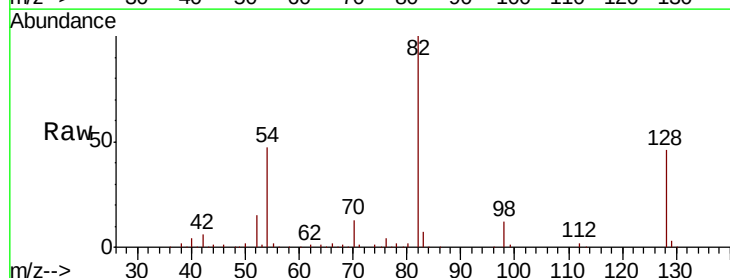
Tgt Ion: 82 Resp: 370261

Ion Ratio Lower Upper

82 100

128 46.5 36.5 54.7

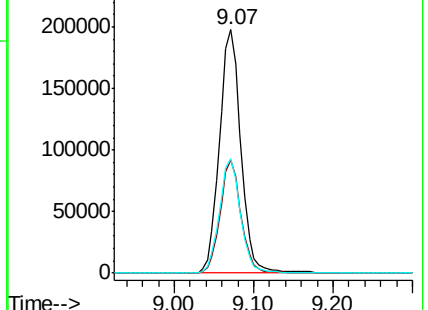
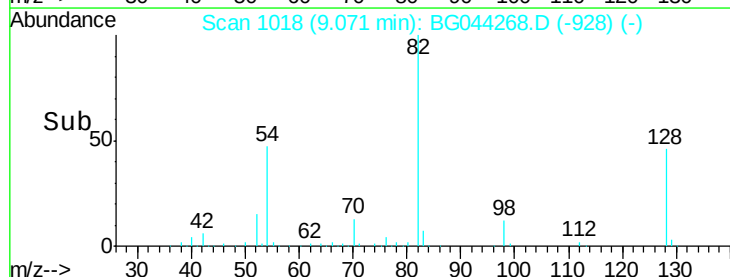
54 47.2 38.6 58.0

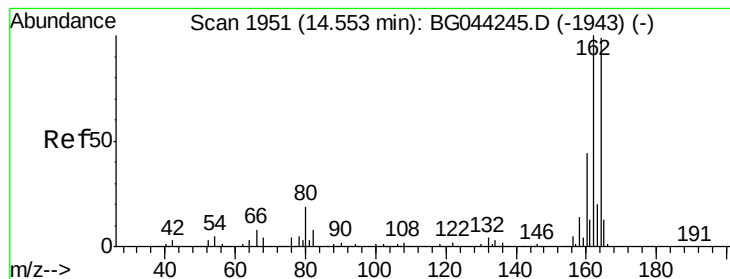


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.55 min Scan# 1951

Delta R.T. 0.00 min

Lab File: BG044268.D

Acq: 31 Jan 2020 20:23

Instrument :

BNA_G

ClientSampleId :

TP-1-2-COMP

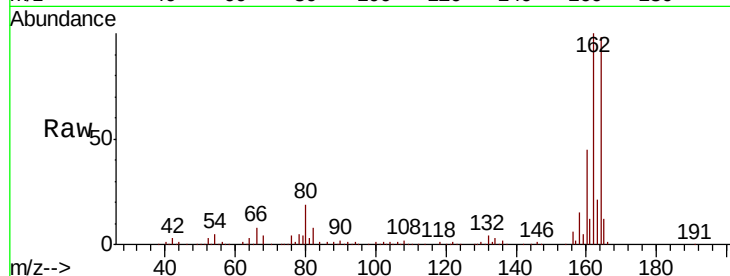
Tot Ion:164 Resp: 249604

Ion Ratio Lower Upper

164 100

162 102.4 80.7 121.1

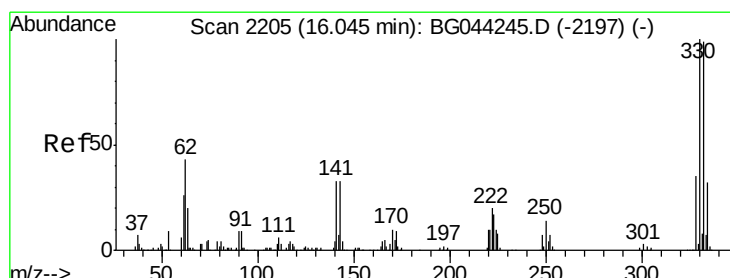
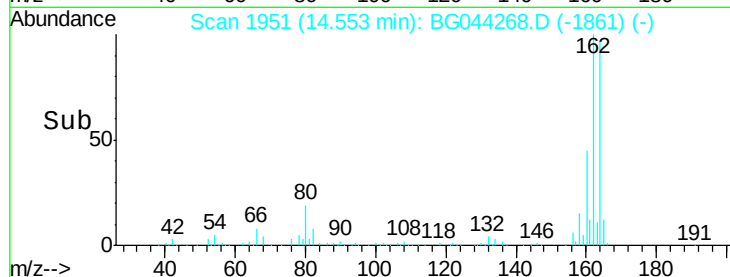
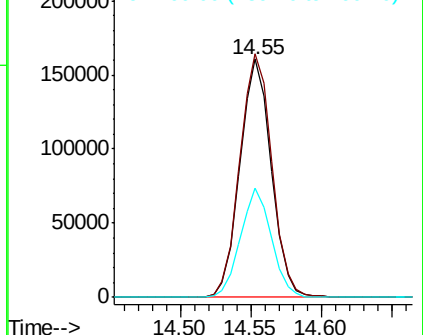
160 45.8 35.3 52.9



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: 91.926 ng

RT: 16.04 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BG044268.D

Acq: 31 Jan 2020 20:23

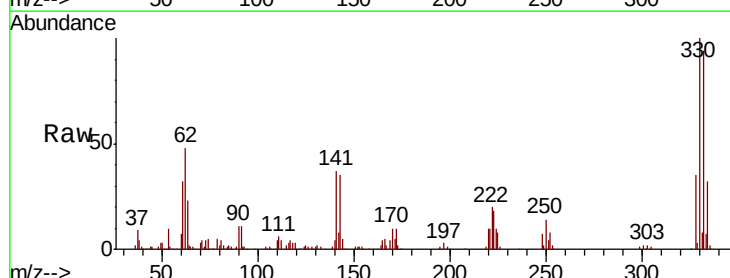
Tgt Ion:330 Resp: 269362

Ion Ratio Lower Upper

330 100

332 95.6 77.2 115.8

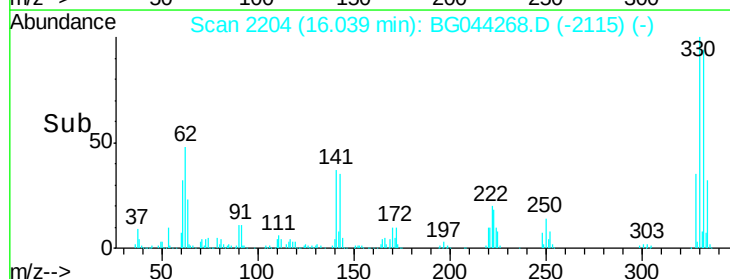
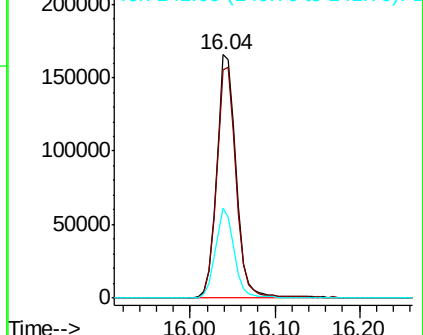
141 36.1 28.3 42.5

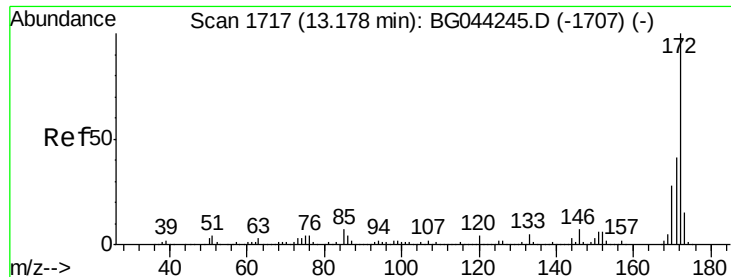


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

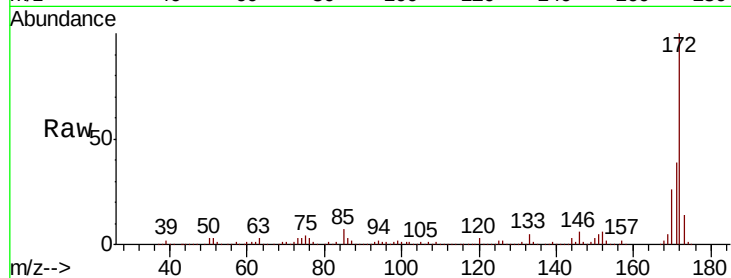




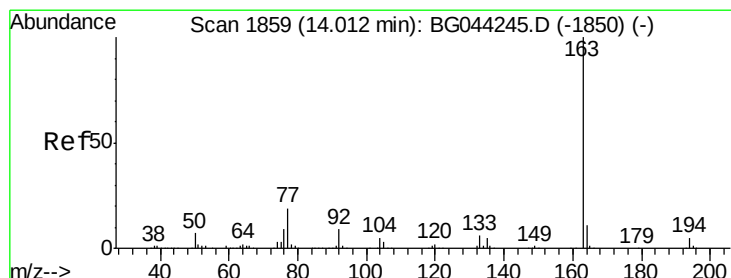
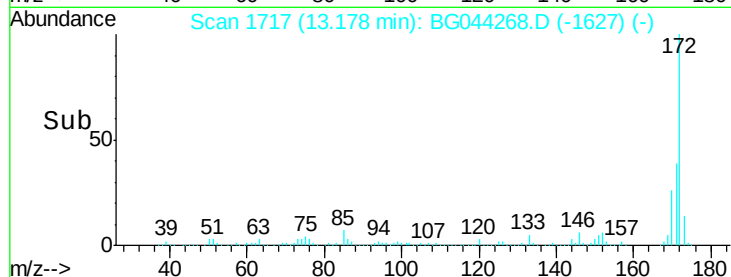
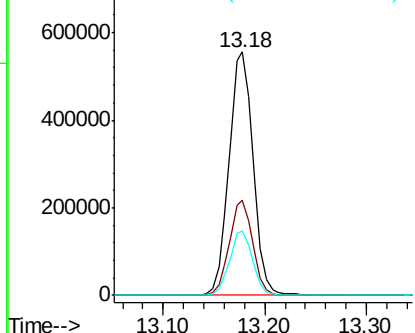
#45
2-Fluorobiphenyl
Concen: 61.258 ng
RT: 13.18 min Scan# 1717
Delta R.T. 0.00 min
Lab File: BG044268.D
Acq: 31 Jan 2020 20:23

Instrument :
BNA_G
ClientSampleId :
TP-1-2-COMP

Tot Ion:172 Resp: 913091
Ion Ratio Lower Upper
172 100
171 39.1 32.9 49.3
170 26.3 22.0 33.0

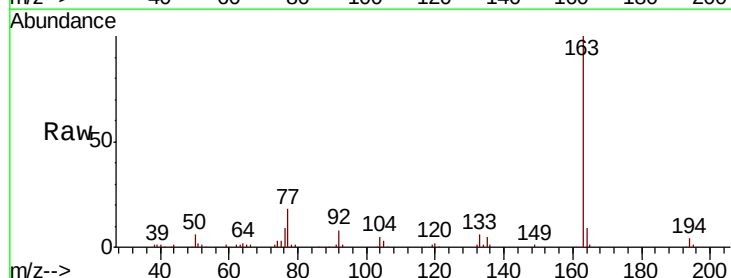


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

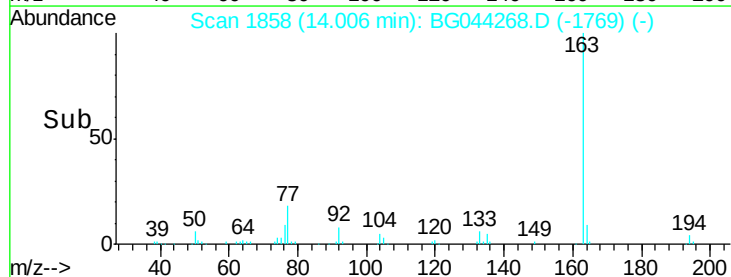
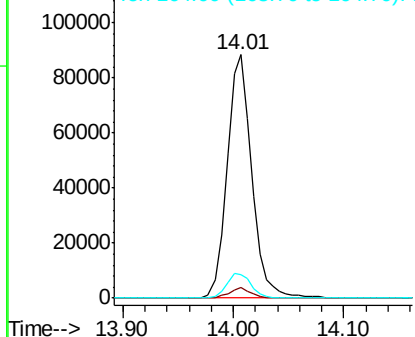


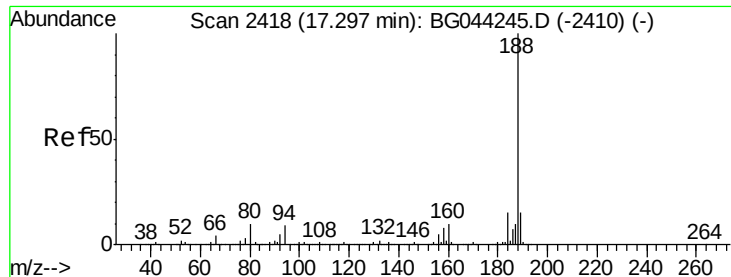
#50
Dimethylphthalate
Concen: 7.685 ng
RT: 14.01 min Scan# 1858
Delta R.T. -0.01 min
Lab File: BG044268.D
Acq: 31 Jan 2020 20:23

Tgt Ion:163 Resp: 137882
Ion Ratio Lower Upper
163 100
194 4.4 3.6 5.4
164 9.5 8.7 13.1



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.30 min Scan# 2418

Delta R.T. 0.00 min

Lab File: BG044268.D

Acq: 31 Jan 2020 20:23

Instrument :

BNA_G

ClientSampleId :

TP-1-2-COMP

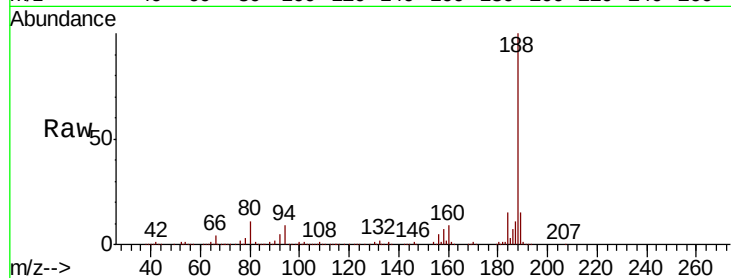
Tot Ion:188 Resp: 534862

Ion Ratio Lower Upper

188 100

94 9.2 7.4 11.2

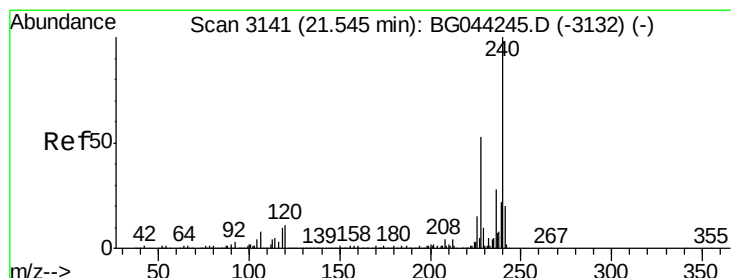
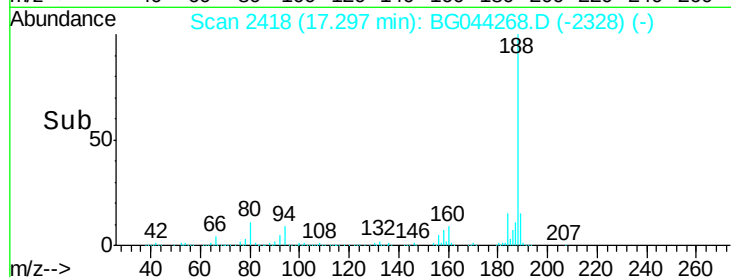
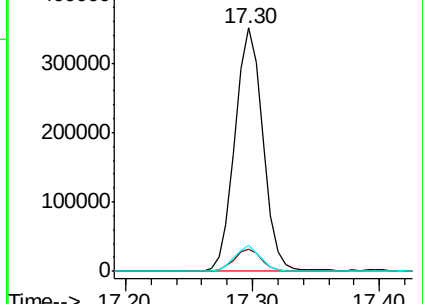
80 10.6 7.7 11.5



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: 21.54 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG044268.D

Acq: 31 Jan 2020 20:23

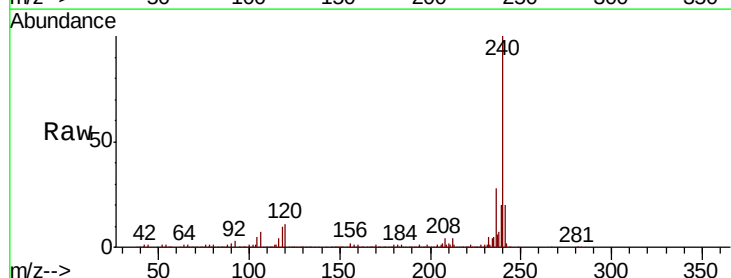
Tgt Ion:240 Resp: 469329

Ion Ratio Lower Upper

240 100

120 11.2 8.4 12.6

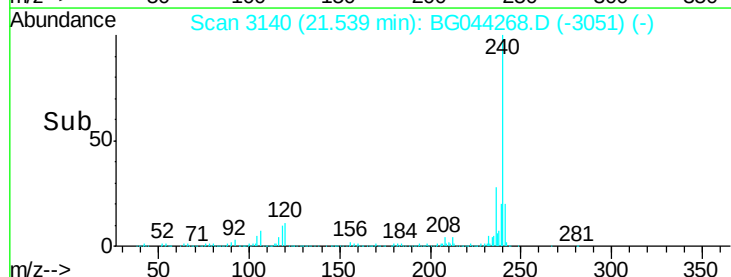
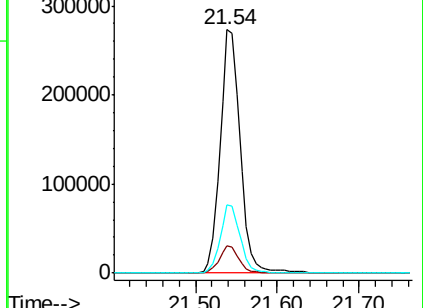
236 28.1 22.1 33.1

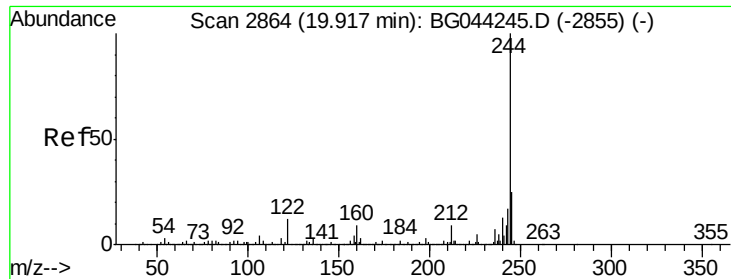


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 57.385 ng

RT: 19.91 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG044268.D

Acq: 31 Jan 2020 20:23

Instrument :

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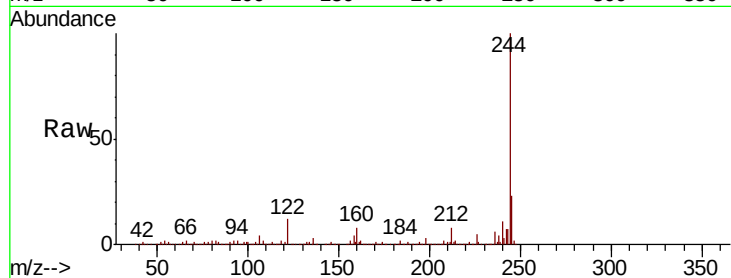
Tot Ion:244 Resp: 1309394

Ion Ratio Lower Upper

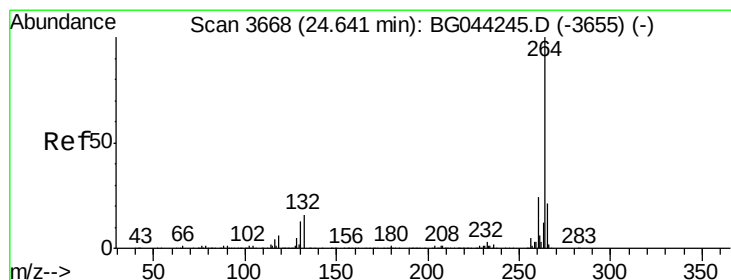
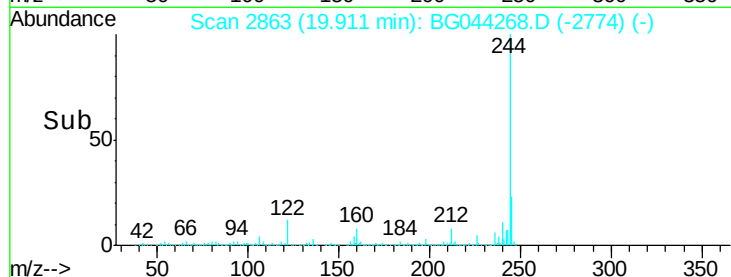
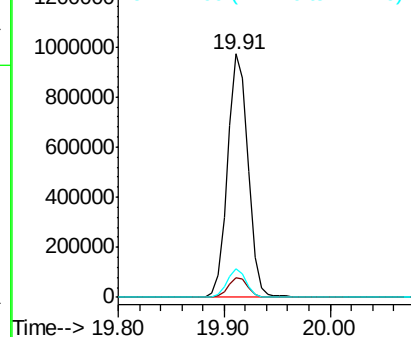
244 100

212 8.1 7.4 11.2

122 11.6 9.8 14.6



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: 24.64 min Scan# 3667

Delta R.T. -0.01 min

Lab File: BG044268.D

Acq: 31 Jan 2020 20:23

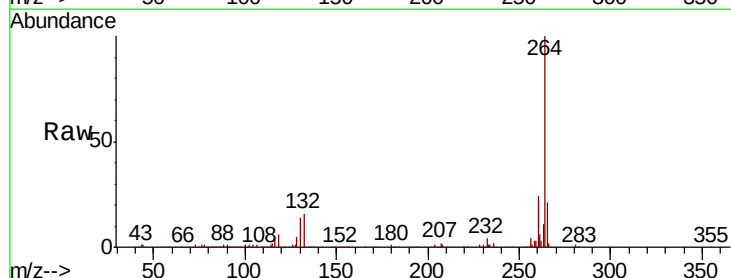
Tgt Ion:264 Resp: 526952

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.2

265 21.0 16.7 25.1



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

