

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021120\
 Data File : BG044399.D
 Acq On : 11 Feb 2020 21:51
 Operator : CG/JU
 Sample : L1373-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-021020

Quant Time: Feb 12 03:40:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

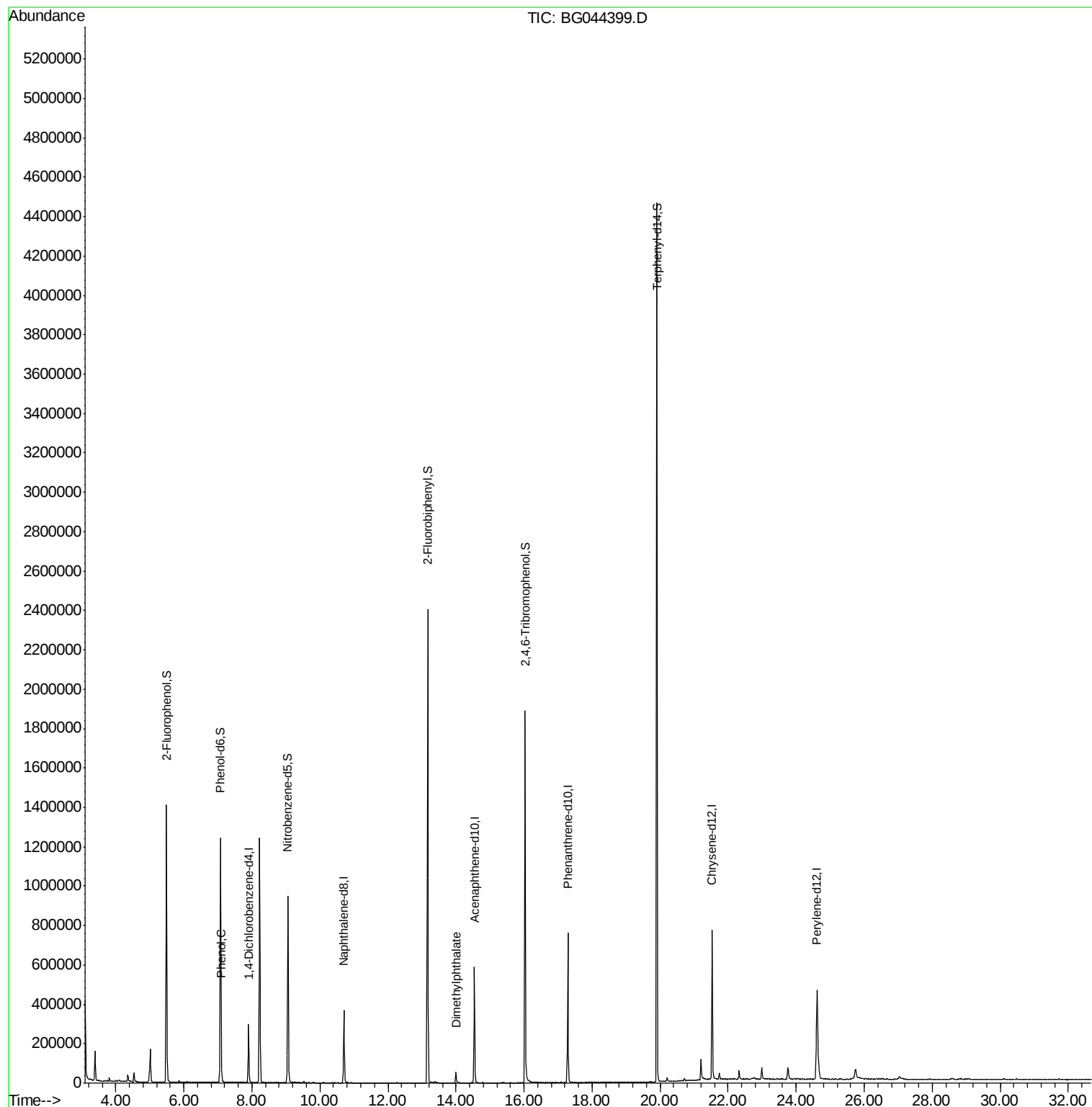
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	86502	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	343069	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	214975	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	478173	20.00	ng	0.00
76) Chrysene-d12	21.53	240	459728	20.00	ng	0.00
87) Perylene-d12	24.62	264	470406	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	680672	138.87	ng	0.00
7) Phenol-d6	7.08	99	796140	120.96	ng	0.00
23) Nitrobenzene-d5	9.06	82	609113	100.24	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	383103	151.80	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	1318197	102.68	ng	0.00
79) Terphenyl-d14	19.91	244	2055211	91.95	ng	0.00
Target Compounds						
10) Phenol	7.10	94	13715	2.106	ng	73
50) Dimethylphthalate	14.00	163	44674	2.891	ng	99

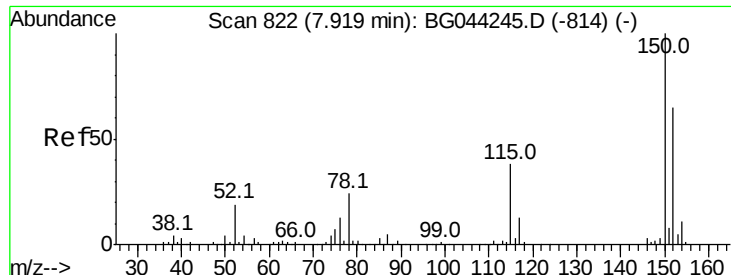
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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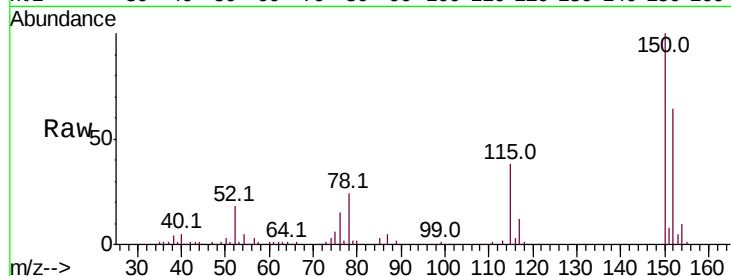


#1

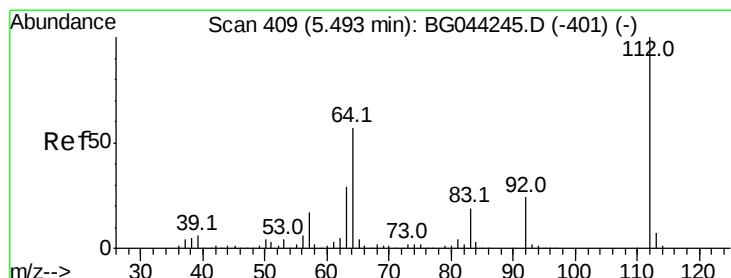
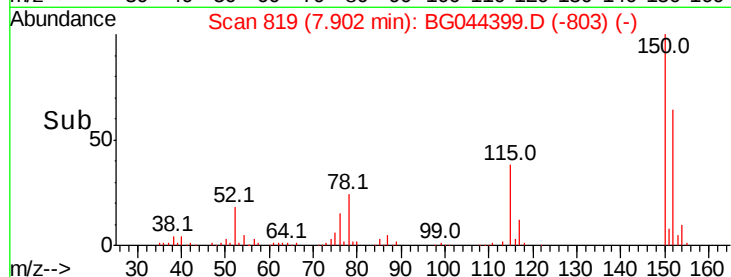
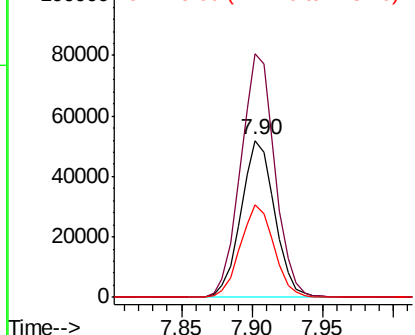
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.90 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BG044399.D
 Acq: 11 Feb 2020 21:51

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-021020

Tot Ion:152 Resp: 86502
 Ion Ratio Lower Upper
 152 100
 150 155.2 122.6 183.8
 115 59.0 46.0 69.0



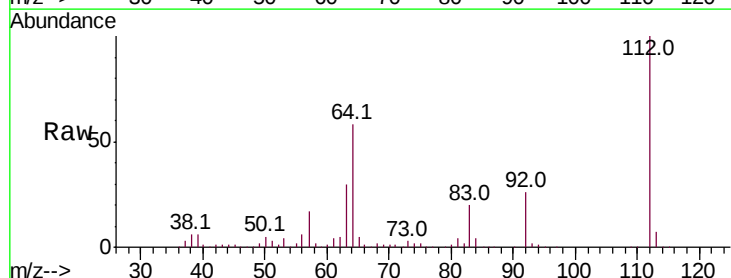
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



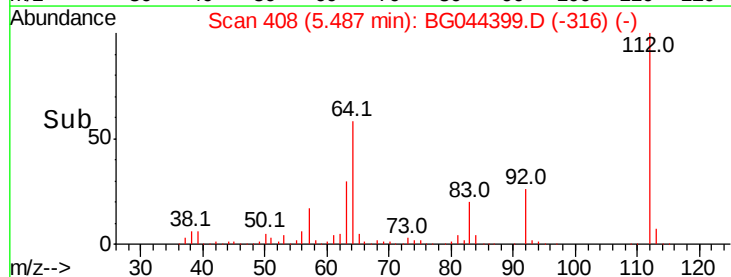
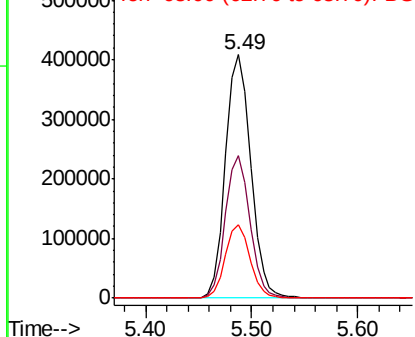
#5

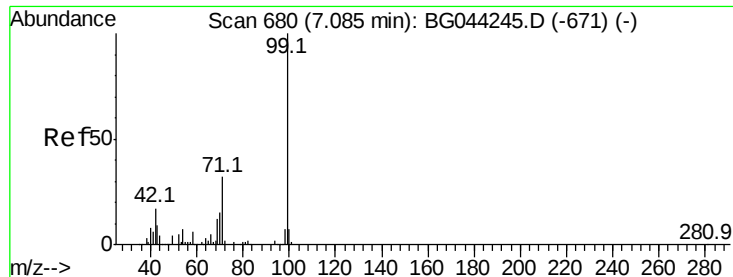
2-Fluorophenol
 Concen: 138.873 ng
 RT: 5.49 min Scan# 408
 Delta R.T. 0.01 min
 Lab File: BG044399.D
 Acq: 11 Feb 2020 21:51

Tgt Ion:112 Resp: 680672
 Ion Ratio Lower Upper
 112 100
 64 58.4 45.4 68.2
 63 30.3 22.9 34.3



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: 120.960 ng

RT: 7.08 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG044399.D

Acq: 11 Feb 2020 21:51

Instrument :

BNA_G

ClientSampleId :

TR-05-021020

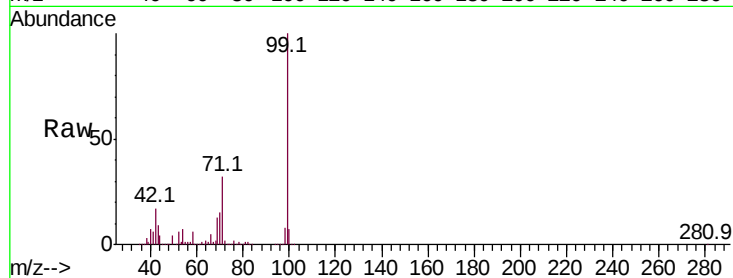
Tot Ion: 99 Resp: 796140

Ion Ratio Lower Upper

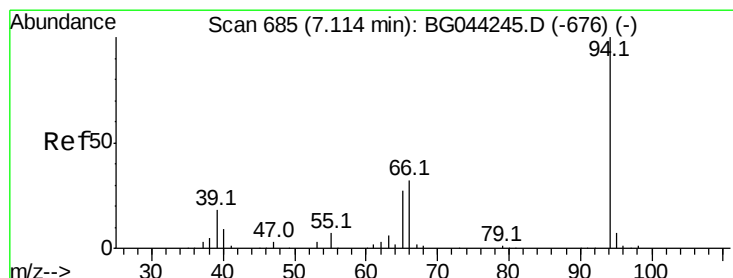
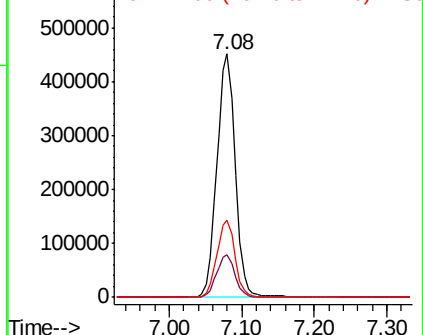
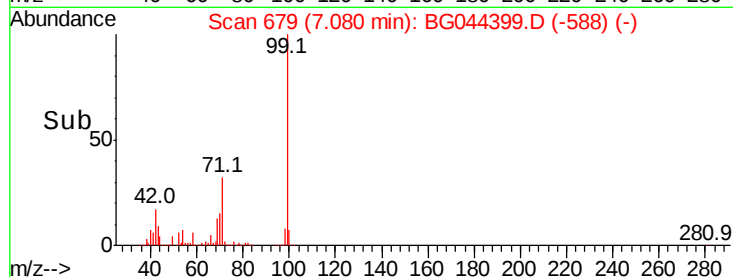
99 100

42 17.4 13.8 20.6

71 31.5 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: 2.106 ng

RT: 7.10 min Scan# 683

Delta R.T. 0.00 min

Lab File: BG044399.D

Acq: 11 Feb 2020 21:51

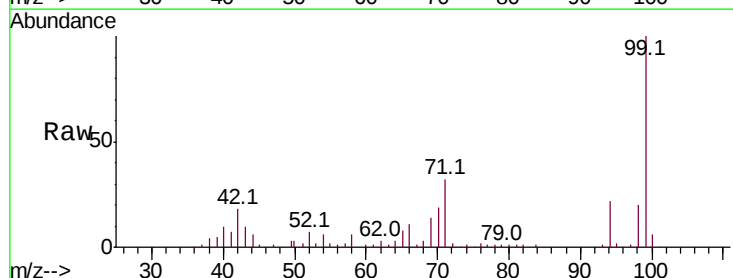
Tgt Ion: 94 Resp: 13715

Ion Ratio Lower Upper

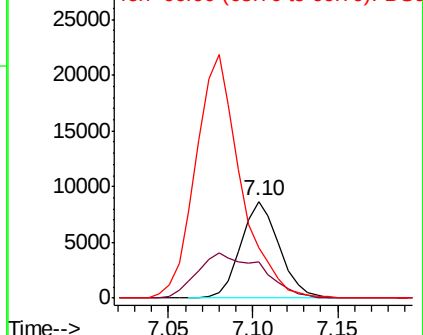
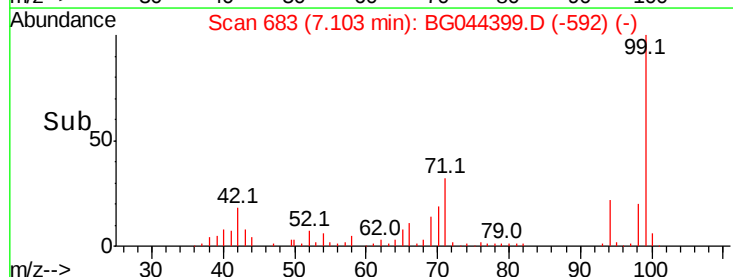
94 100

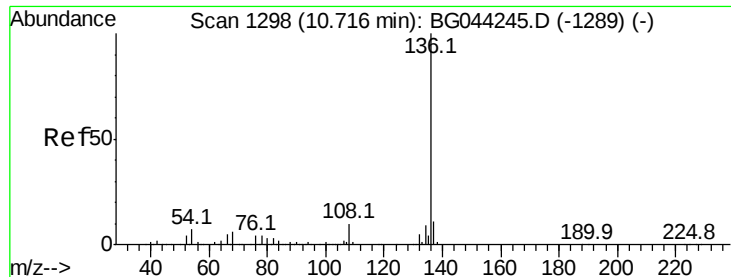
65 37.2 7.0 47.0

66 51.7 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: 10.70 min Scan# 1296

Delta R.T. 0.00 min

Lab File: BG044399.D

Acq: 11 Feb 2020 21:51

Instrument :

BNA_G

ClientSampleId :

TR-05-021020

Tot Ion:136 Resp: 343069

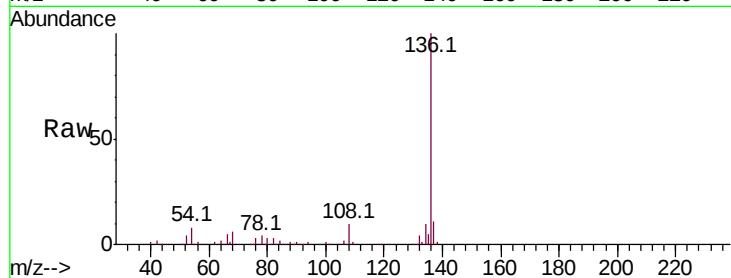
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 7.6 5.8 8.8

68 5.7 4.6 6.8

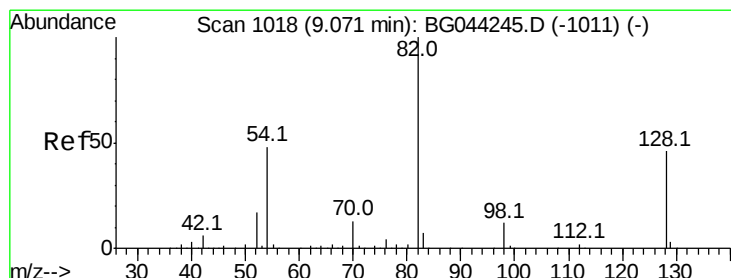
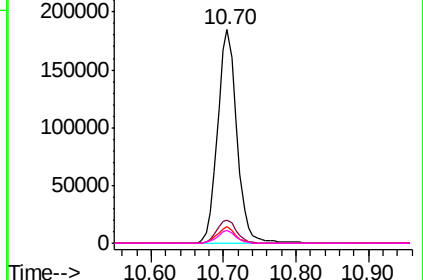
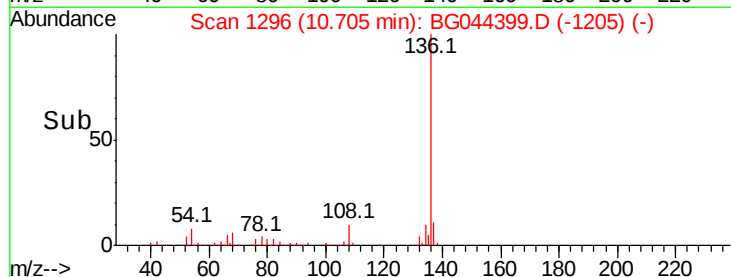


Abundance Ion 136.00 (135.70 to 136.70): E

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: 100.237 ng

RT: 9.06 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BG044399.D

Acq: 11 Feb 2020 21:51

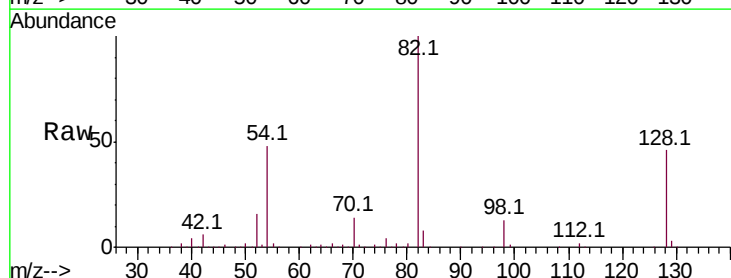
Tgt Ion: 82 Resp: 609113

Ion Ratio Lower Upper

82 100

128 45.9 36.5 54.7

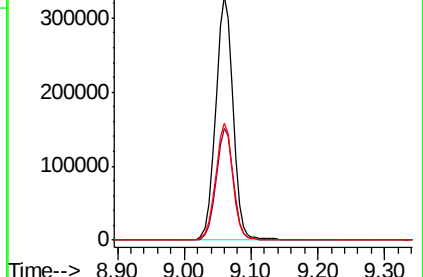
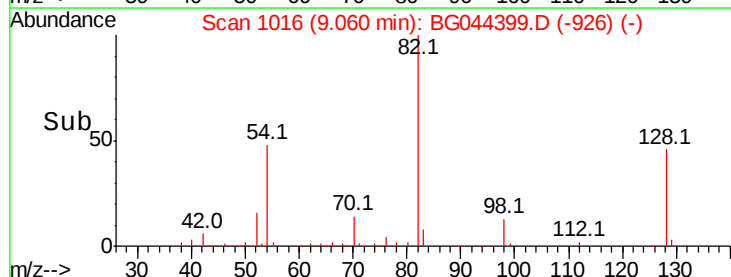
54 48.1 38.6 58.0

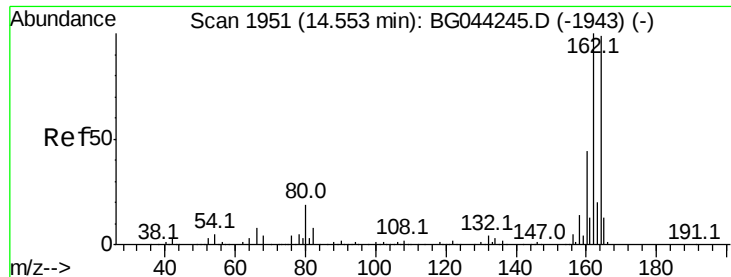


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

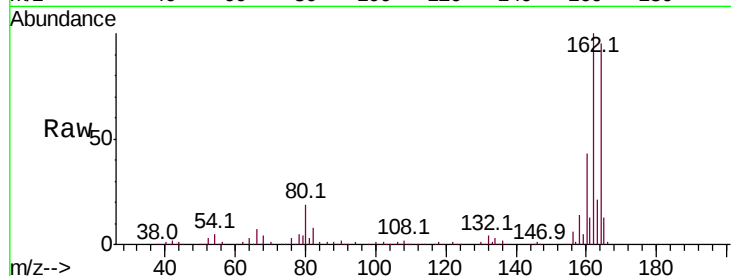




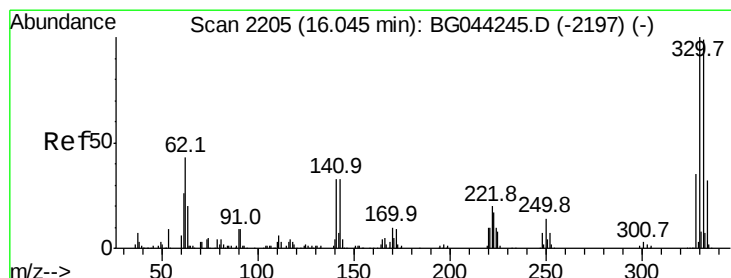
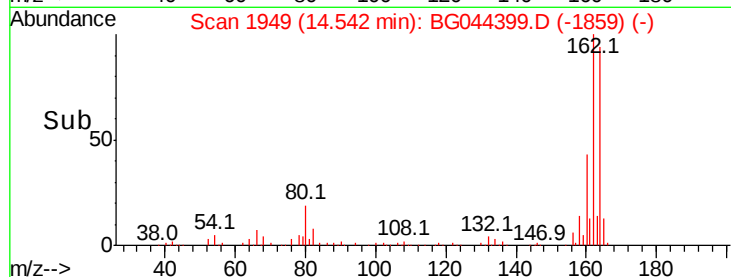
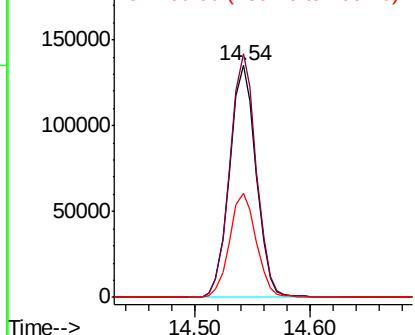
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.54 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BG044399.D
Acq: 11 Feb 2020 21:51

Instrument :
BNA_G
ClientSampleId :
TR-05-021020

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.2	80.7	121.1
160	44.7	35.3	52.9

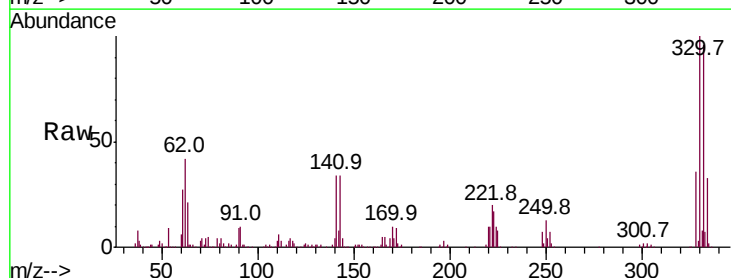


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

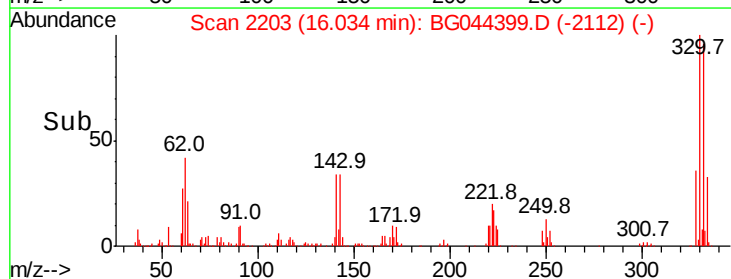
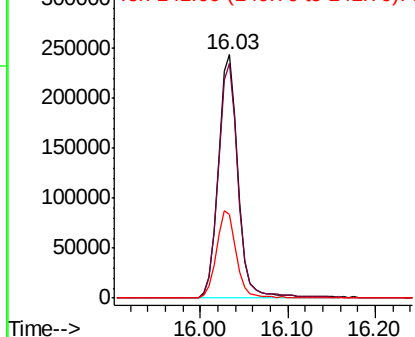


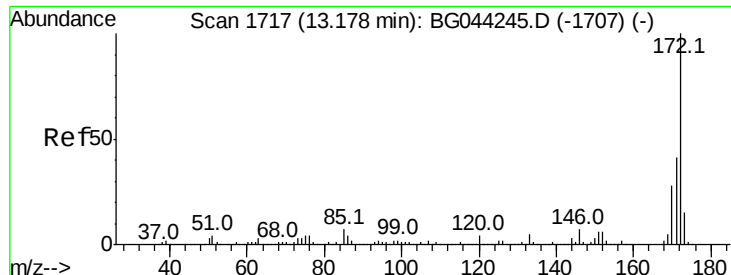
#42
2,4,6-Tribromophenol
Concen: 151.803 ng
RT: 16.03 min Scan# 2203
Delta R.T. 0.00 min
Lab File: BG044399.D
Acq: 11 Feb 2020 21:51

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.2	115.8
141	36.4	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

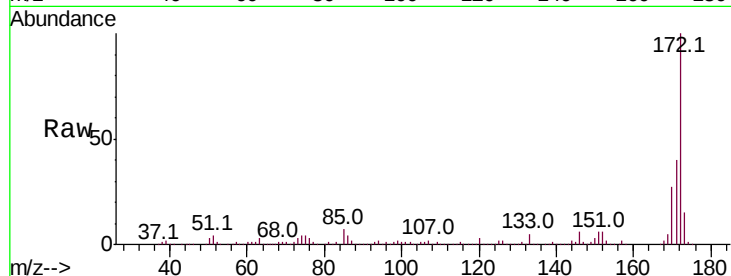




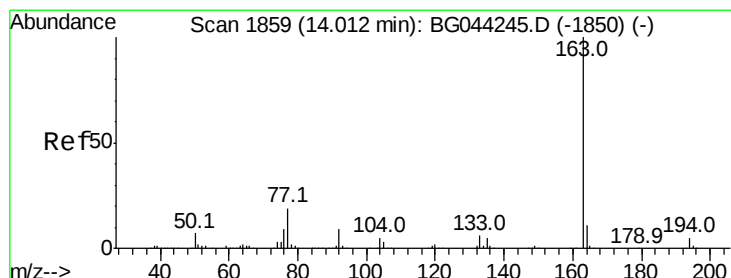
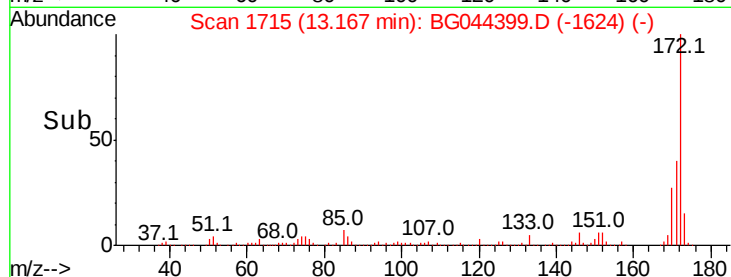
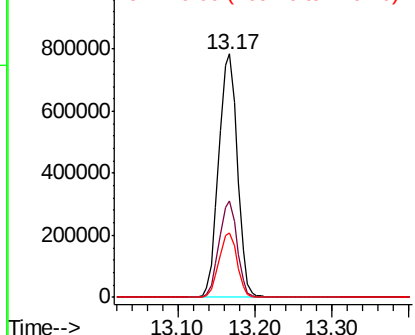
#45
2-Fluorobiphenyl
Concen: 102.681 ng
RT: 13.17 min Scan# 1715
Delta R.T. 0.00 min
Lab File: BG044399.D
Acq: 11 Feb 2020 21:51

Instrument :
BNA_G
ClientSampleId :
TR-05-021020

Tot Ion:172 Resp: 1318197
Ion Ratio Lower Upper
172 100
171 39.5 32.9 49.3
170 26.6 22.0 33.0

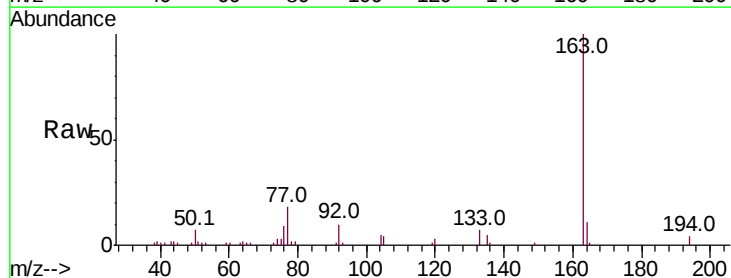


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

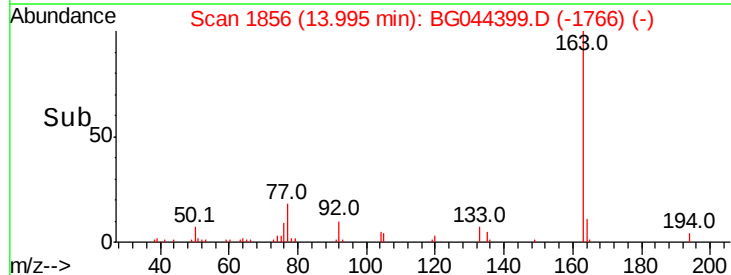
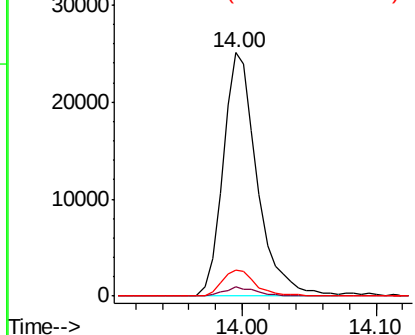


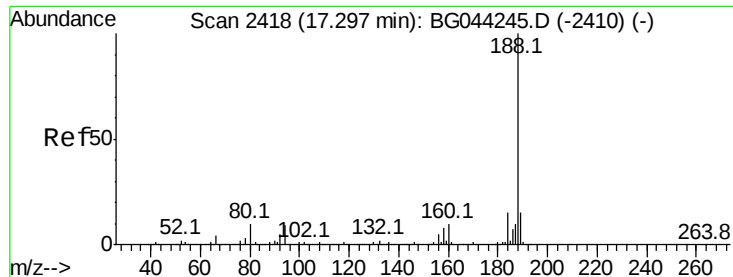
#50
Dimethylphthalate
Concen: 2.891 ng
RT: 14.00 min Scan# 1856
Delta R.T. -0.00 min
Lab File: BG044399.D
Acq: 11 Feb 2020 21:51

Tgt Ion:163 Resp: 44674
Ion Ratio Lower Upper
163 100
194 3.8 3.6 5.4
164 10.8 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: 17.29 min Scan# 2416

Delta R.T. -0.00 min

Lab File: BG044399.D

Acq: 11 Feb 2020 21:51

Instrument :

BNA_G

ClientSampleId :

TR-05-021020

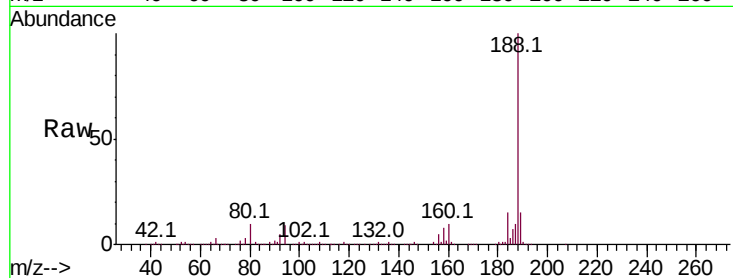
Tot Ion:188 Resp: 478173

Ion Ratio Lower Upper

188 100

94 9.0 7.4 11.2

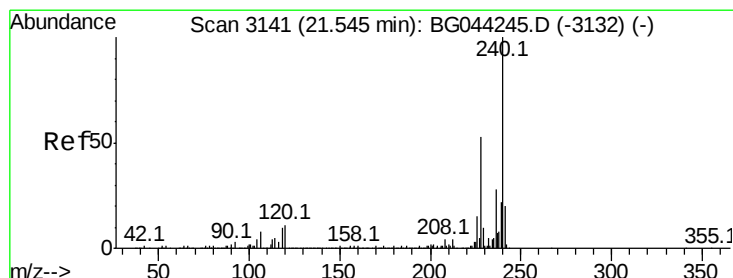
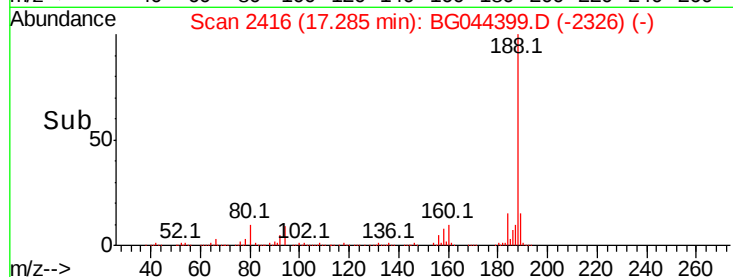
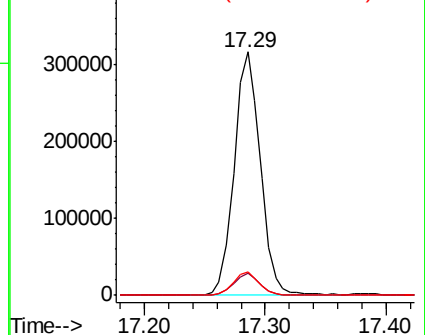
80 9.5 7.7 11.5



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: 21.53 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG044399.D

Acq: 11 Feb 2020 21:51

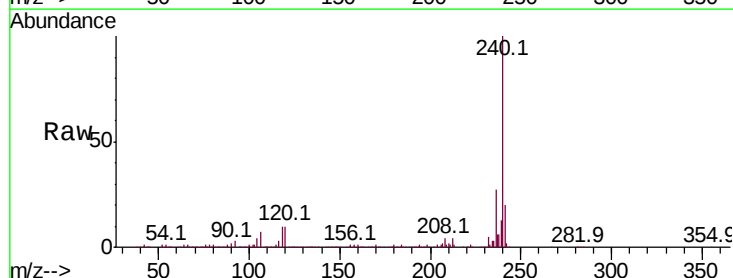
Tgt Ion:240 Resp: 459728

Ion Ratio Lower Upper

240 100

120 10.4 8.4 12.6

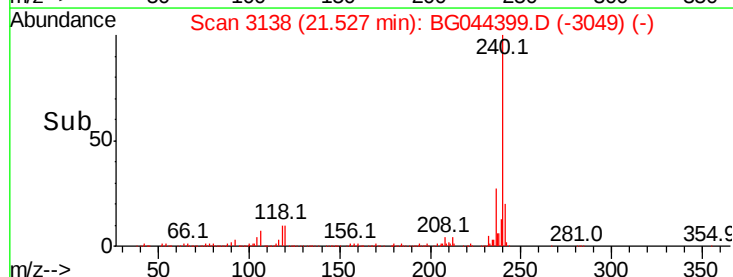
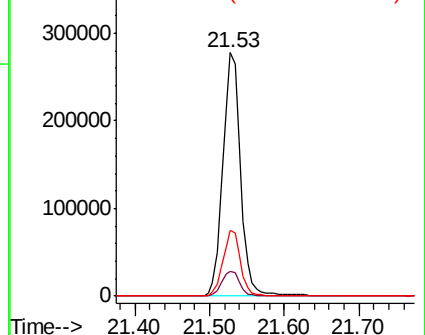
236 26.8 22.1 33.1

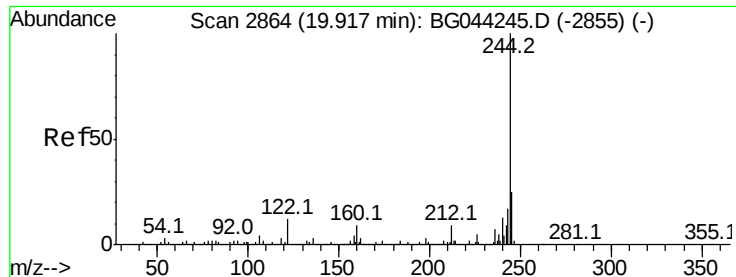


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 91.952 ng

RT: 19.91 min Scan# 2862

Delta R.T. 0.00 min

Lab File: BG044399.D

Acq: 11 Feb 2020 21:51

Instrument :

BNA_G

ClientSampleId :

TR-05-021020

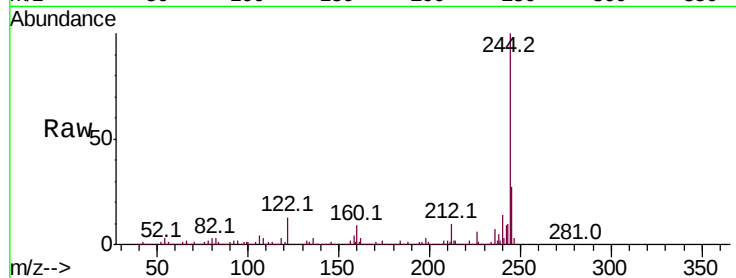
Tot Ion:244 Resp: 2055211

Ion Ratio Lower Upper

244 100

212 9.8 7.4 11.2

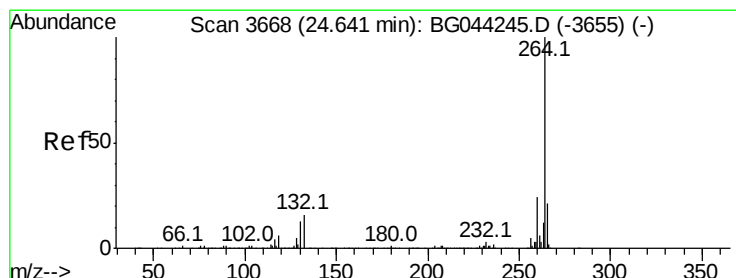
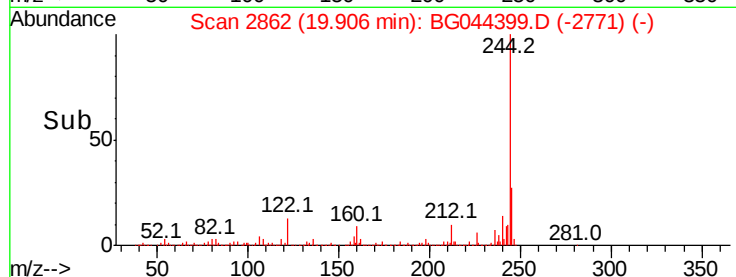
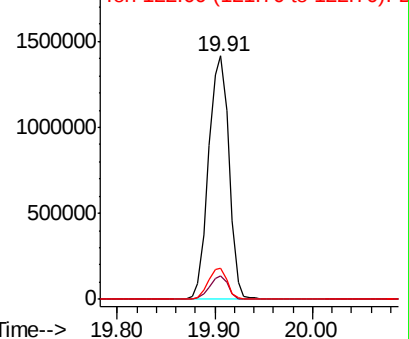
122 12.7 9.8 14.6



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: 24.62 min Scan# 3664

Delta R.T. -0.00 min

Lab File: BG044399.D

Acq: 11 Feb 2020 21:51

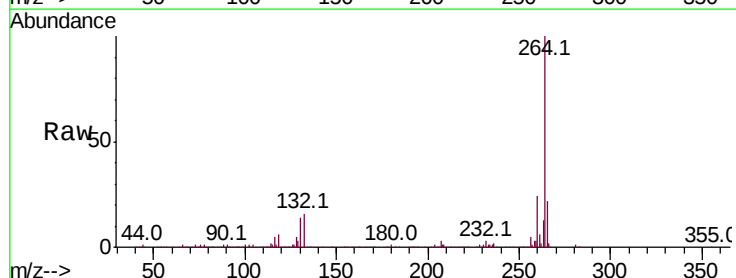
Tgt Ion:264 Resp: 470406

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.2

265 21.6 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

