

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
 Data File : BG044113.D
 Acq On : 21 Jan 2020 00:54
 Operator : JU
 Sample : L1184-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E2-E3

Quant Time: Jan 21 07:23:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

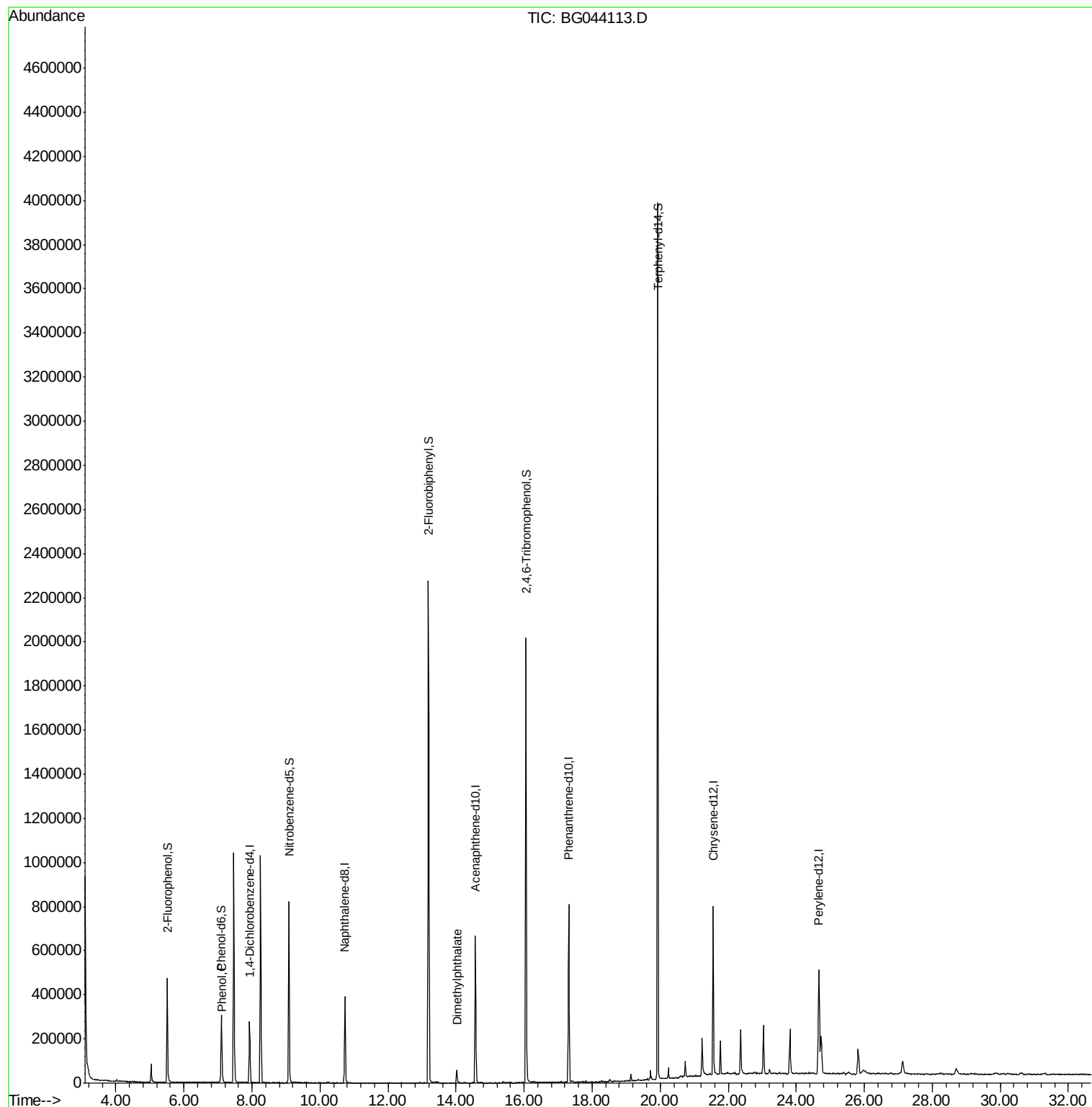
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	83160	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	358190	20.00	ng	-0.03
39) Acenaphthene-d10	14.57	164	248273	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	523824	20.00	ng	-0.02
76) Chrysene-d12	21.56	240	447925	20.00	ng	-0.03
87) Perylene-d12	24.67	264	494522	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	241440	53.31	ng	-0.03
7) Phenol-d6	7.10	99	197513	31.20	ng	-0.02
23) Nitrobenzene-d5	9.09	82	532687	79.56	ng	-0.03
42) 2,4,6-Tribromophenol	16.06	330	368793	141.95	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1244957	90.85	ng	-0.03
79) Terphenyl-d14	19.93	244	1808823	102.63	ng	-0.03
Target Compounds						
10) Phenol	7.12	94	22698	3.480	ng	97
50) Dimethylphthalate	14.02	163	49844	2.827	ng	99

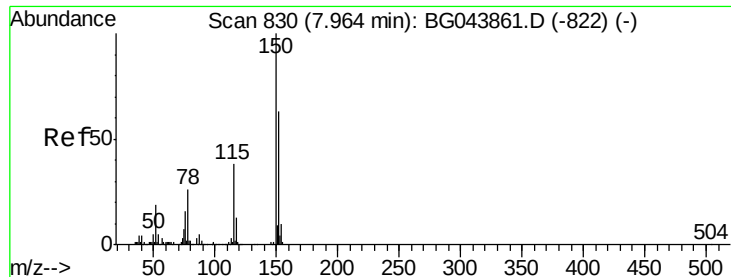
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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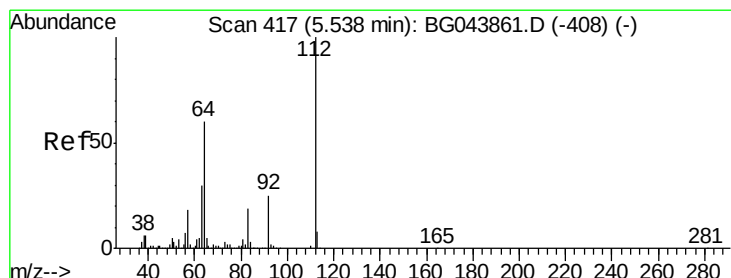
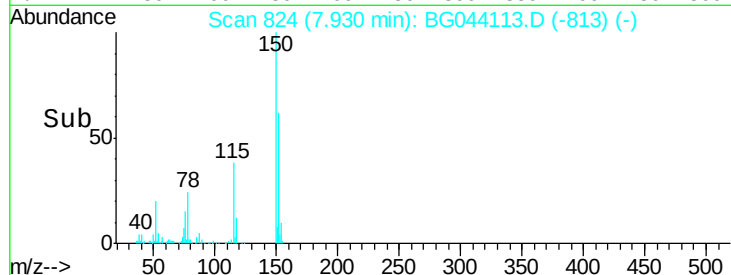
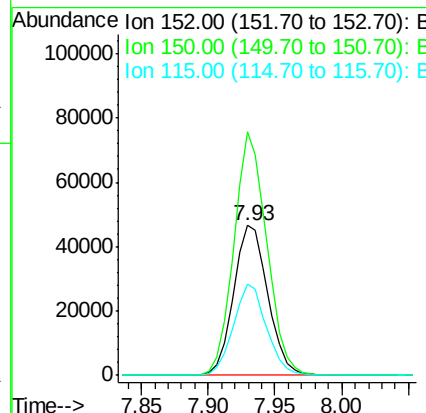
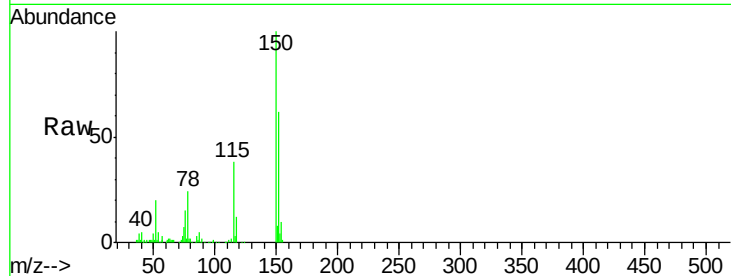


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG044113.D
Acq: 21 Jan 2020 00:54

Instrument :
BNA_G
ClientSampleId :
E2-E3

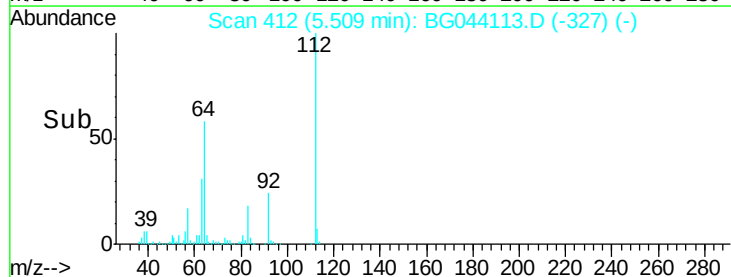
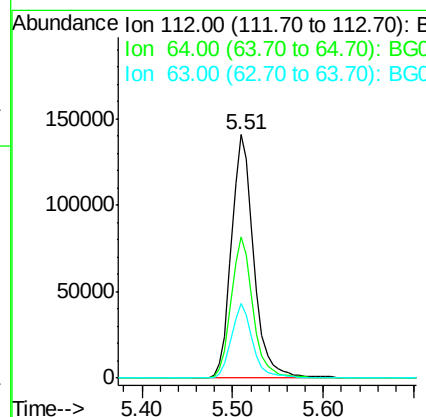
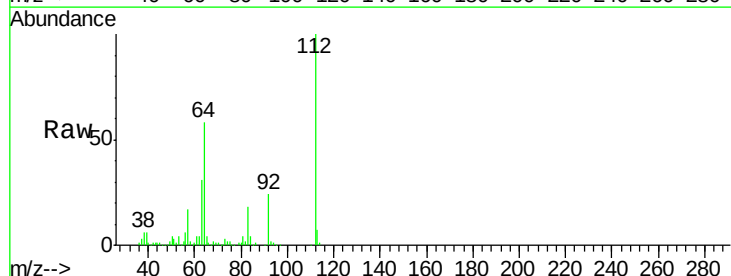
Tot Ion	152	Resp	83160
Ion Ratio	Lower	Upper	
152	100		
150	162.2	127.0	190.4
115	60.9	47.8	71.8

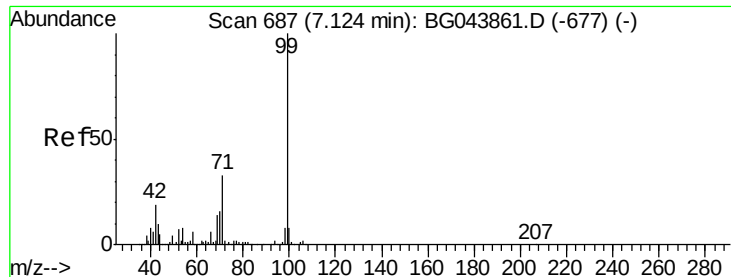


#5

2-Fluorophenol
Concen: 53.308 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044113.D
Acq: 21 Jan 2020 00:54

Tgt Ion	112	Resp	241440
Ion Ratio	Lower	Upper	
112	100		
64	57.9	47.8	71.6
63	30.6	24.3	36.5





#7

Phenol-d6

Concen: 31.198 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

Lab File: BG044113.D

Acq: 21 Jan 2020 00:54

Instrument :

BNA_G

ClientSampleId :

E2-E3

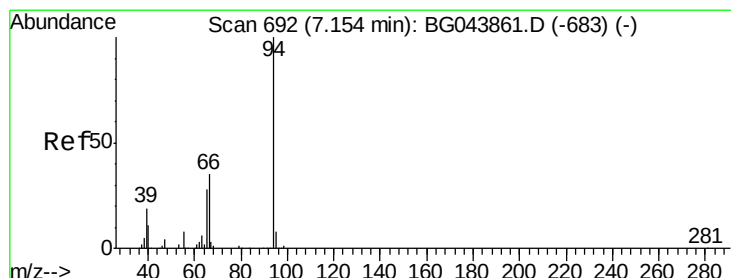
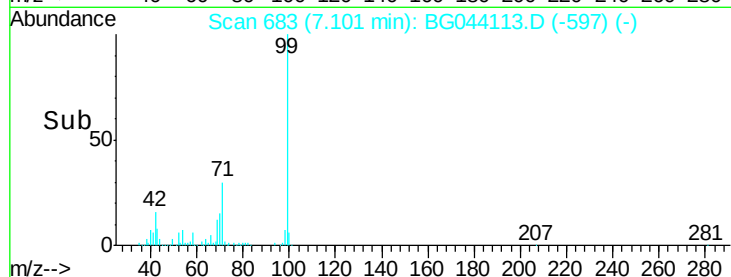
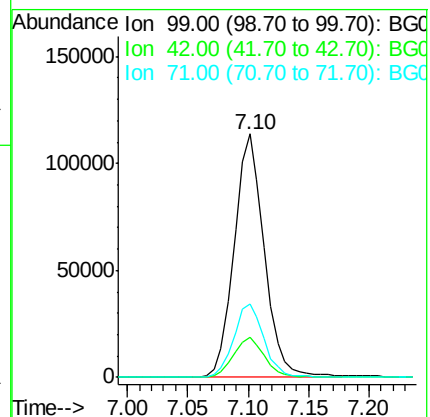
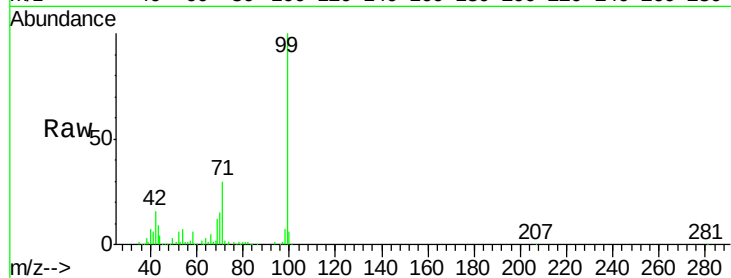
Tot Ion: 99 Resp: 197513

Ion Ratio Lower Upper

99 100

42 16.3 14.9 22.3

71 30.1 26.4 39.6



#10

Phenol

Concen: 3.480 ng

RT: 7.12 min Scan# 687

Delta R.T. -0.03 min

Lab File: BG044113.D

Acq: 21 Jan 2020 00:54

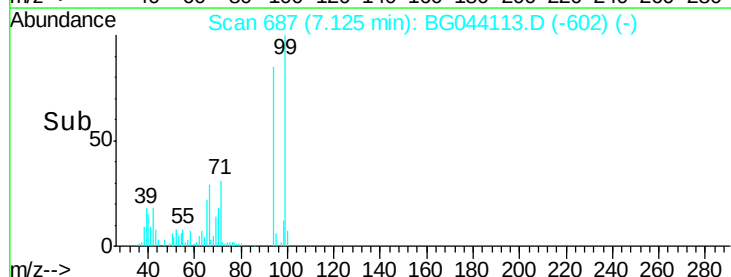
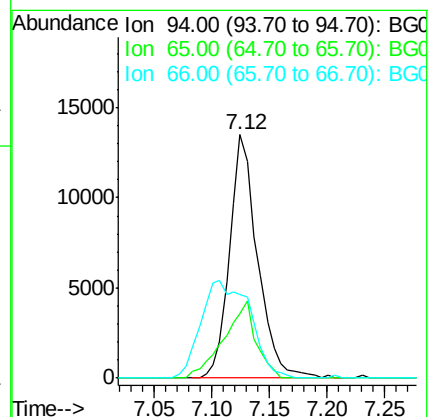
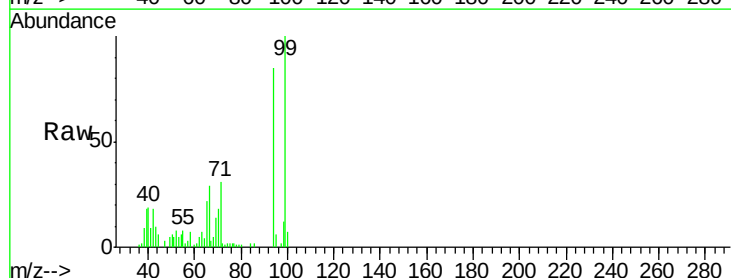
Tgt Ion: 94 Resp: 22698

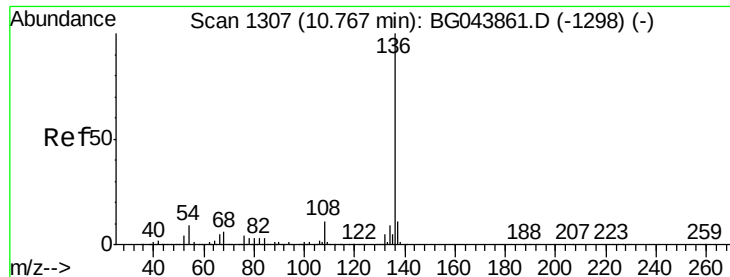
Ion Ratio Lower Upper

94 100

65 26.4 8.1 48.1

66 34.4 15.6 55.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.73 min Scan# 1301

Delta R.T. -0.03 min

Lab File: BG044113.D

Acq: 21 Jan 2020 00:54

Instrument :

BNA_G

ClientSampleId :

E2-E3

Tot Ion:136 Resp: 358190

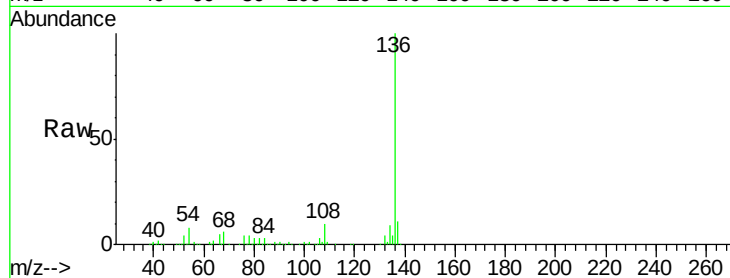
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 7.5 7.0 10.4

68 6.1 4.9 7.3

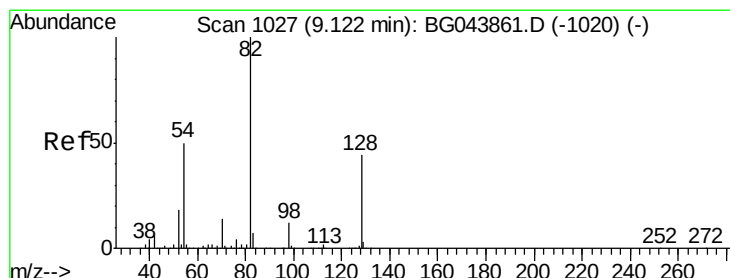
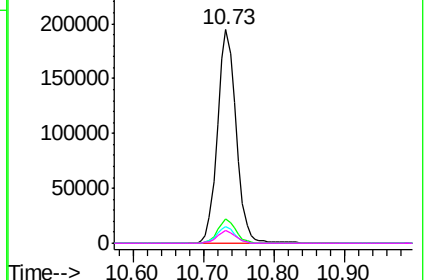
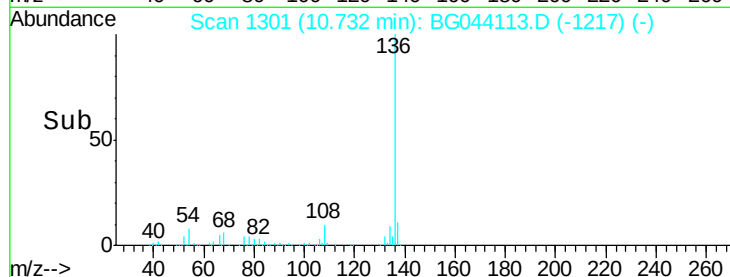


Abundance Ion 136.00 (135.70 to 136.70): E

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: 79.557 ng

RT: 9.09 min Scan# 1021

Delta R.T. -0.03 min

Lab File: BG044113.D

Acq: 21 Jan 2020 00:54

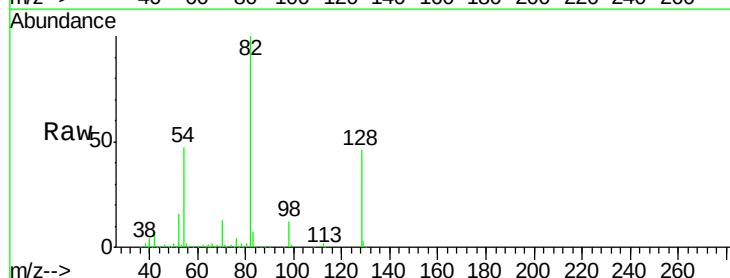
Tgt Ion: 82 Resp: 532687

Ion Ratio Lower Upper

82 100

128 46.1 35.1 52.7

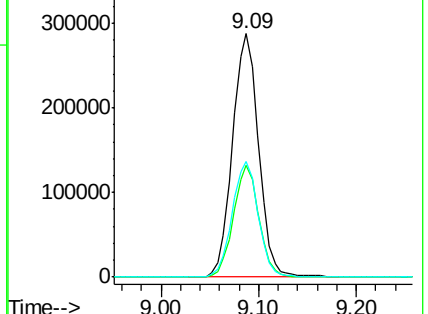
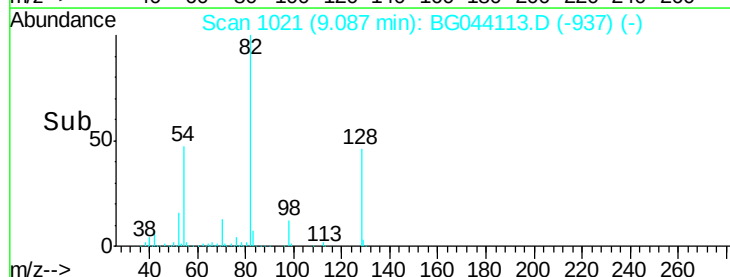
54 47.3 40.1 60.1

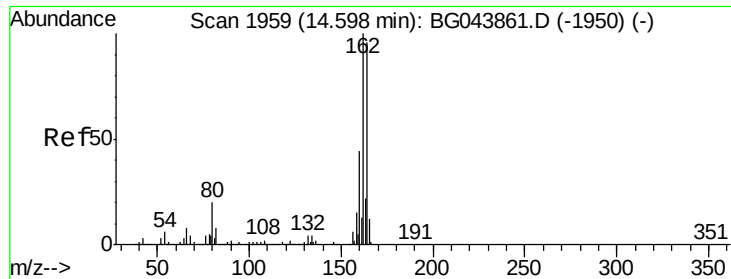


Abundance Ion 82.00 (81.70 to 82.70): BGC

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: 14.57 min Scan# 1954

Delta R.T. -0.03 min

Lab File: BG044113.D

Acq: 21 Jan 2020 00:54

Instrument :

BNA_G

ClientSampleId :

E2-E3

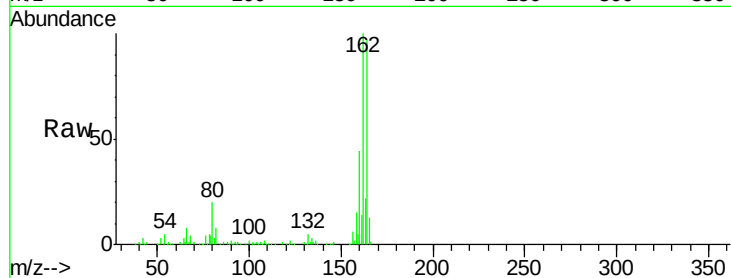
Tot Ion:164 Resp: 248273

Ion Ratio Lower Upper

164 100

162 102.9 83.0 124.4

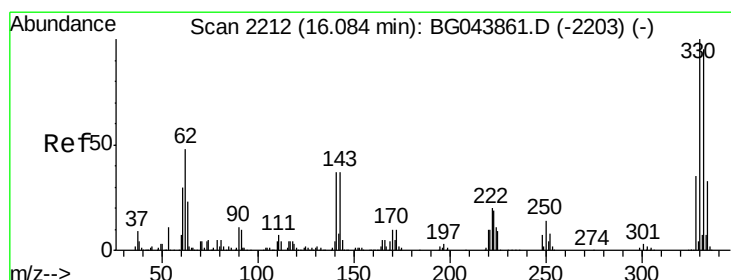
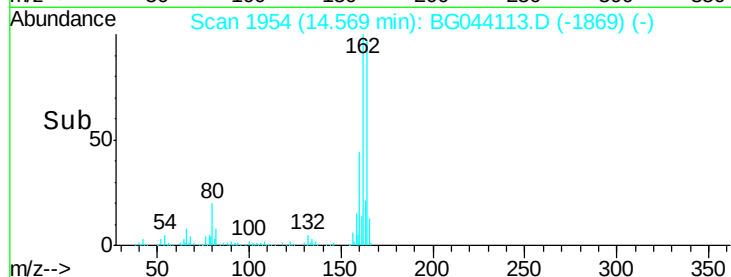
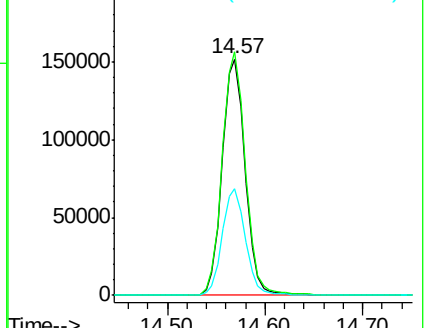
160 45.2 36.1 54.1



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: 141.946 ng

RT: 16.06 min Scan# 2207

Delta R.T. -0.03 min

Lab File: BG044113.D

Acq: 21 Jan 2020 00:54

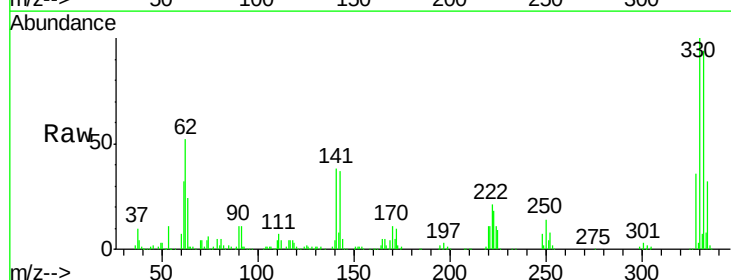
Tgt Ion:330 Resp: 368793

Ion Ratio Lower Upper

330 100

332 95.9 77.2 115.8

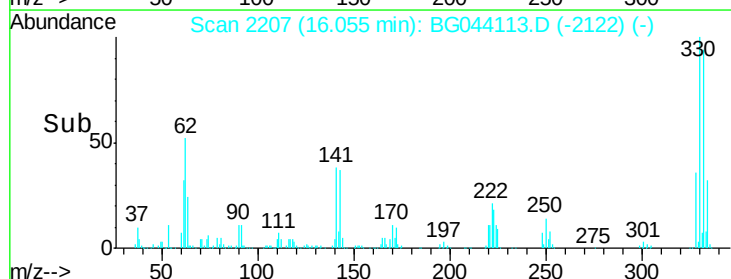
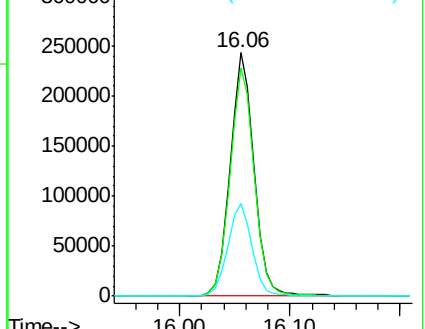
141 39.0 33.1 49.7

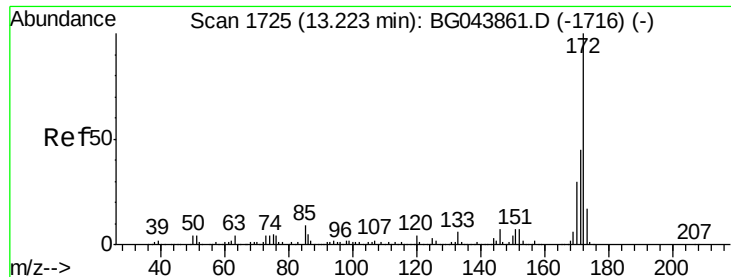


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



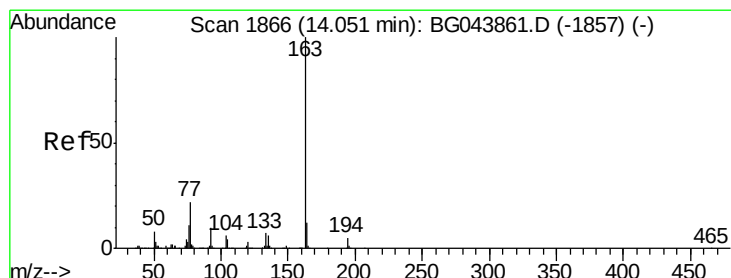
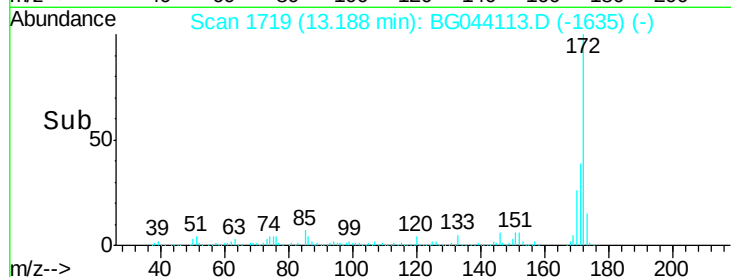
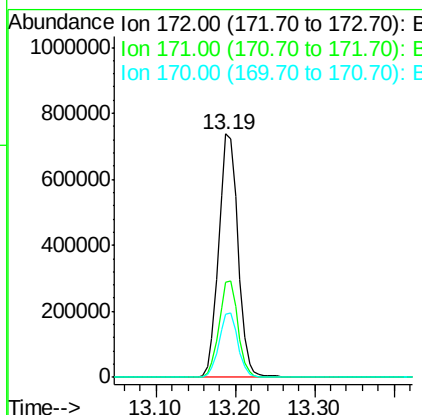
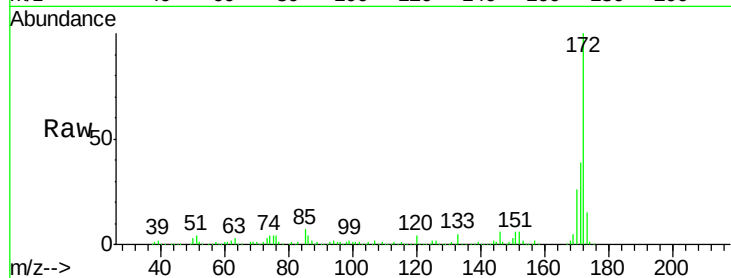


#45
 2-Fluorobiphenyl
 Concen: 90.851 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.03 min
 Lab File: BG044113.D
 Acq: 21 Jan 2020 00:54

Instrument :
 BNA_G
 ClientSampleId :
 E2-E3

Tot Ion:172 Resp: 1244957

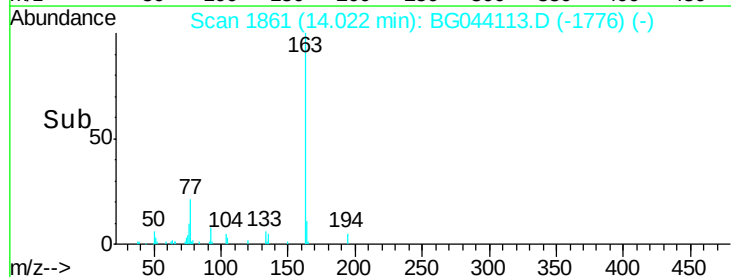
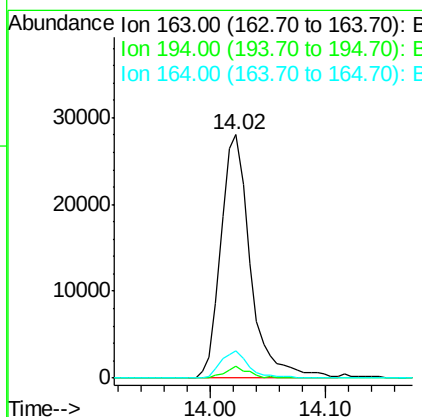
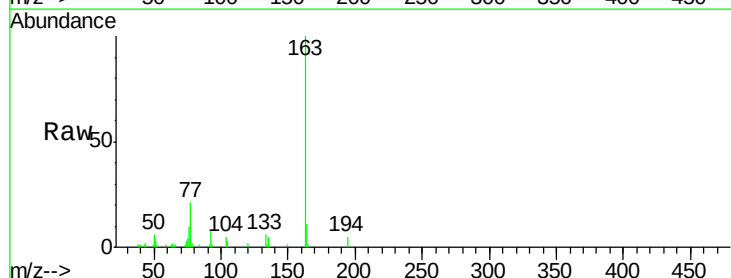
Ion	Ratio	Lower	Upper
172	100		
171	38.9	35.8	53.8
170	26.0	24.2	36.4

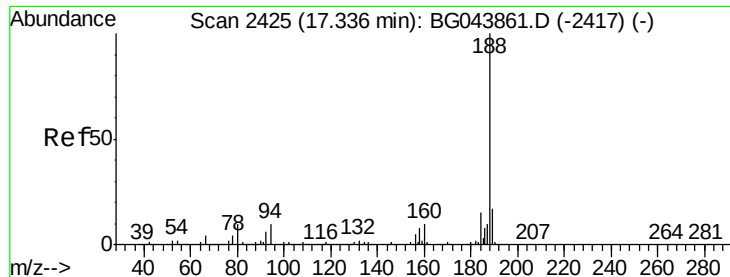


#50
 Dimethylphthalate
 Concen: 2.827 ng
 RT: 14.02 min Scan# 1861
 Delta R.T. -0.03 min
 Lab File: BG044113.D
 Acq: 21 Jan 2020 00:54

Tgt Ion:163 Resp: 49844

Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.7	5.5
164	11.1	9.3	13.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.31 min Scan# 2421

Delta R.T. -0.02 min

Lab File: BG044113.D

Acq: 21 Jan 2020 00:54

Instrument :

BNA_G

ClientSampleId :

E2-E3

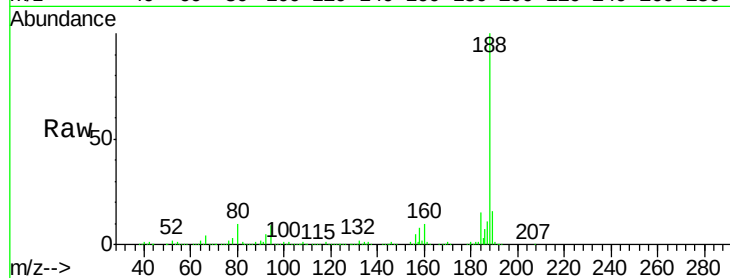
Tot Ion:188 Resp: 523824

Ion Ratio Lower Upper

188 100

94 9.1 7.9 11.9

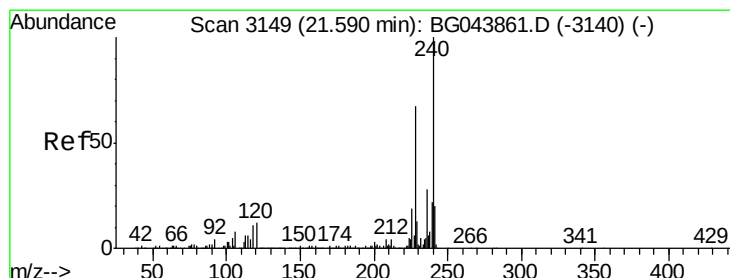
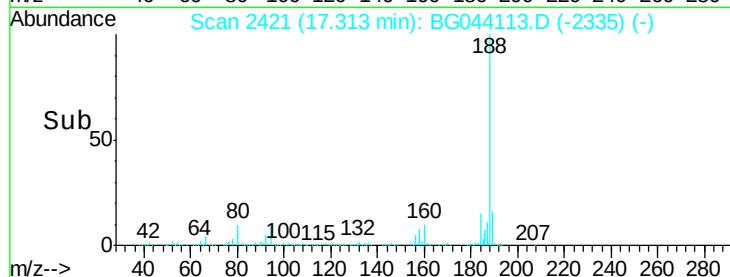
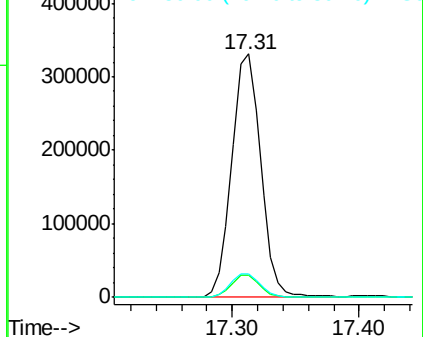
80 9.8 8.2 12.4



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: 21.56 min Scan# 3144

Delta R.T. -0.03 min

Lab File: BG044113.D

Acq: 21 Jan 2020 00:54

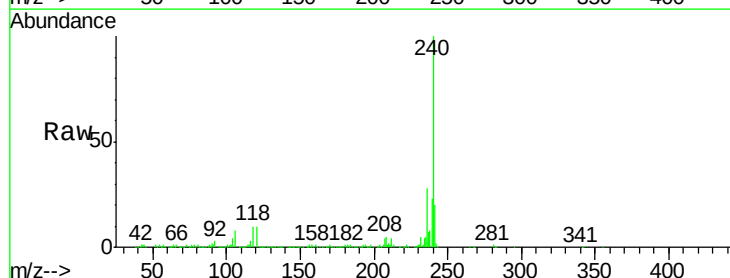
Tgt Ion:240 Resp: 447925

Ion Ratio Lower Upper

240 100

120 10.4 9.6 14.4

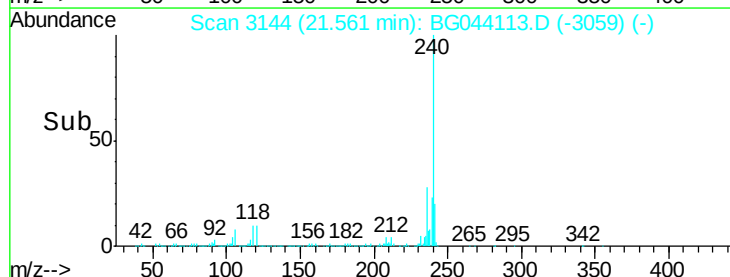
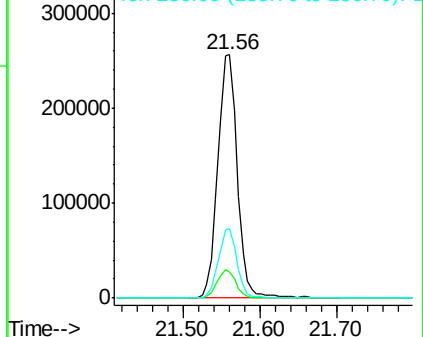
236 28.4 22.2 33.2

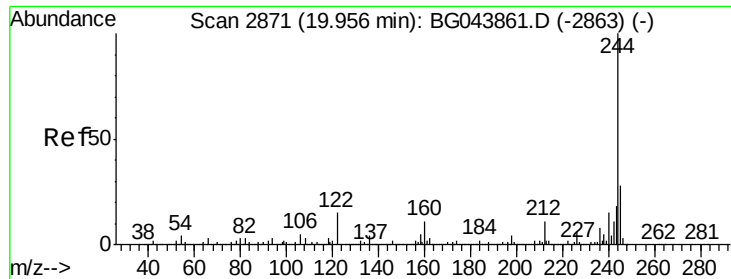


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 102.632 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.03 min

Lab File: BG044113.D

Acq: 21 Jan 2020 00:54

Instrument :

BNA_G

ClientSampleId :

E2-E3

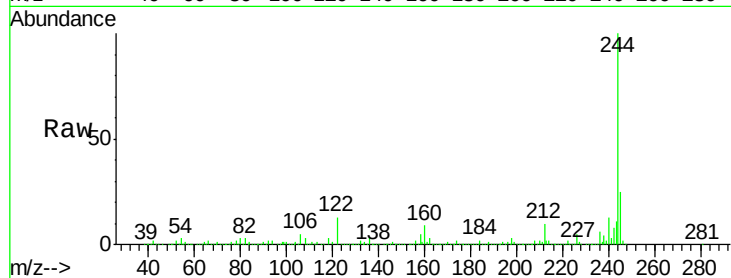
Tot Ion:244 Resp: 1808823

Ion Ratio Lower Upper

244 100

212 9.6 8.6 13.0

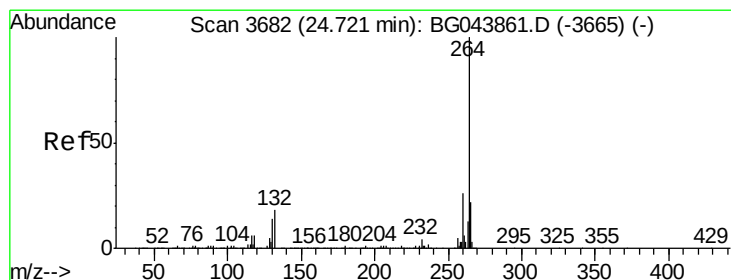
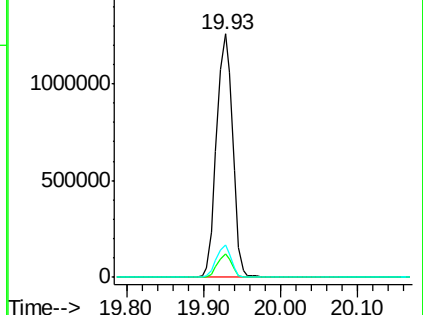
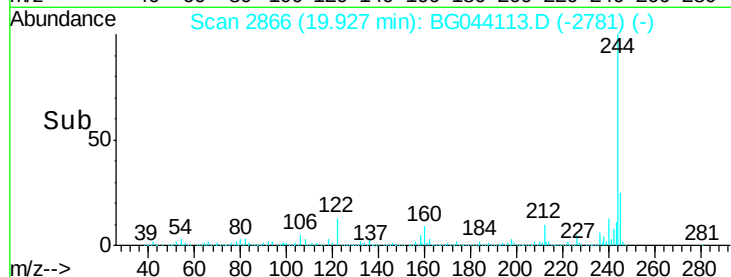
122 13.3 11.9 17.9



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: 24.67 min Scan# 3673

Delta R.T. -0.05 min

Lab File: BG044113.D

Acq: 21 Jan 2020 00:54

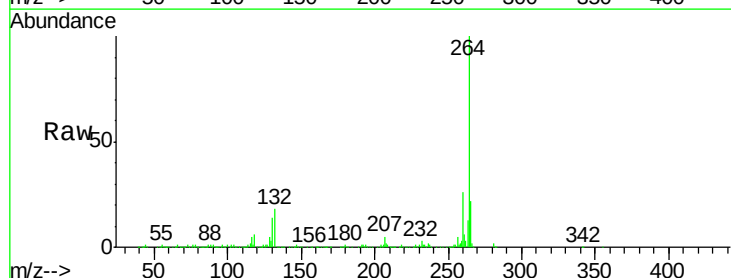
Tgt Ion:264 Resp: 494522

Ion Ratio Lower Upper

264 100

260 25.7 20.4 30.6

265 22.0 17.4 26.2



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

