

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011320\
 Data File : BG044026.D
 Acq On : 14 Jan 2020 00:16
 Operator : JU
 Sample : L1103-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-MW-19(3-5)

Quant Time: Jan 14 10:39:52 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

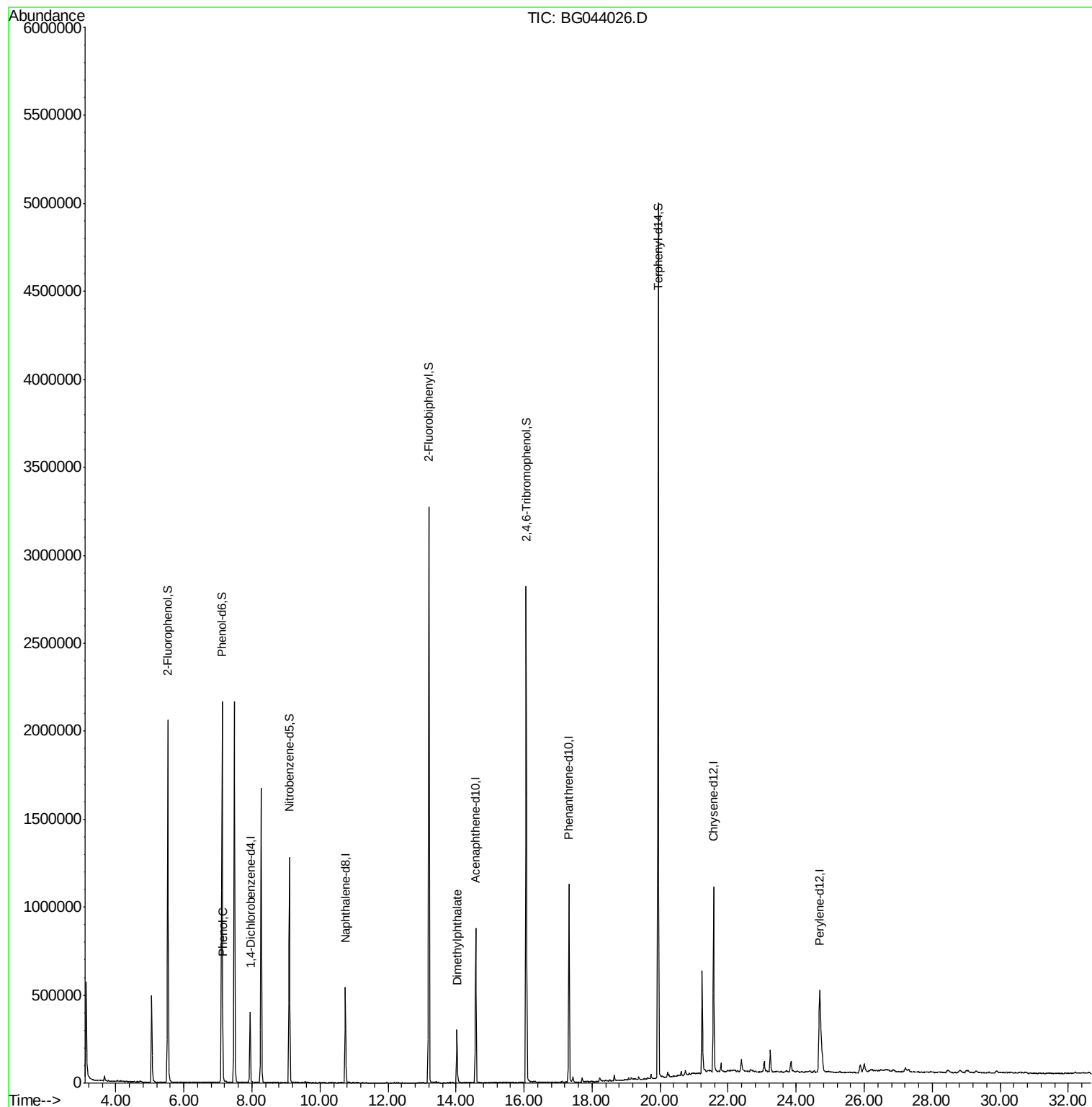
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	122477	20.00	ng	-0.02
21) Naphthalene-d8	10.75	136	492844	20.00	ng	-0.02
39) Acenaphthene-d10	14.58	164	314006	20.00	ng	-0.02
64) Phenanthrene-d10	17.32	188	686855	20.00	ng	-0.02
76) Chrysene-d12	21.57	240	609853	20.00	ng	-0.02
87) Perylene-d12	24.69	264	682845	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1003918	150.50	ng	-0.01
7) Phenol-d6	7.12	99	1397046	149.83	ng	0.00
23) Nitrobenzene-d5	9.10	82	826257	89.69	ng	-0.02
42) 2,4,6-Tribromophenol	16.06	330	528384	160.80	ng	-0.02
45) 2-Fluorobiphenyl	13.20	172	1742627	100.55	ng	-0.02
79) Terphenyl-d14	19.94	244	2595264	110.68	ng	-0.02
Target Compounds						
10) Phenol	7.14	94	43810	4.560	ng	94
50) Dimethylphthalate	14.03	163	218126	9.783	ng	97

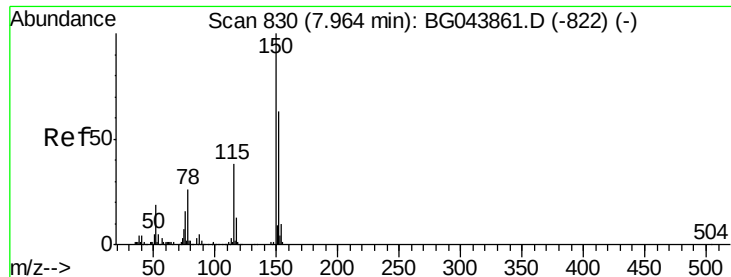
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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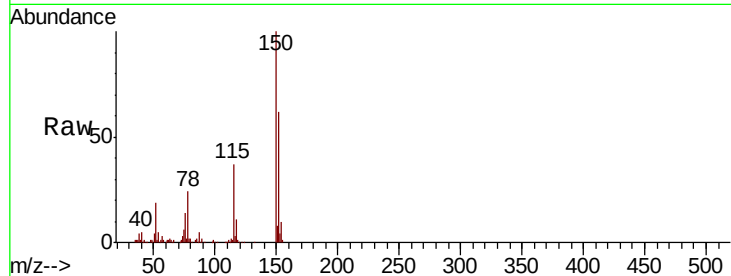


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BG044026.D
Acq: 14 Jan 2020 00:16

Instrument :
BNA_G
ClientSampleId :
SB-MW-19(3-5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	127.0	190.4
115	59.5	47.8	71.8

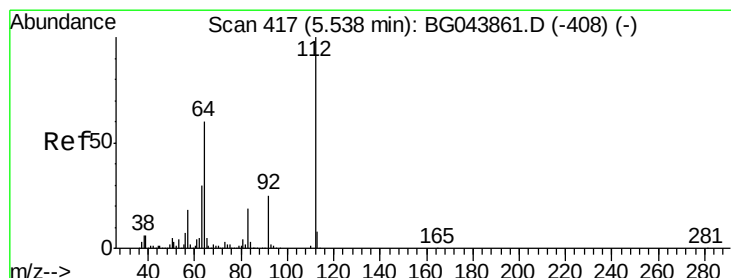
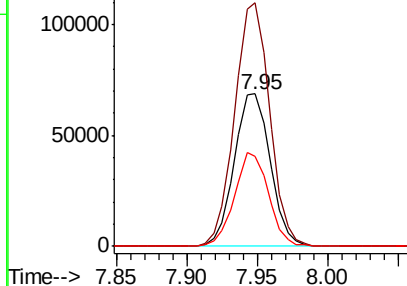
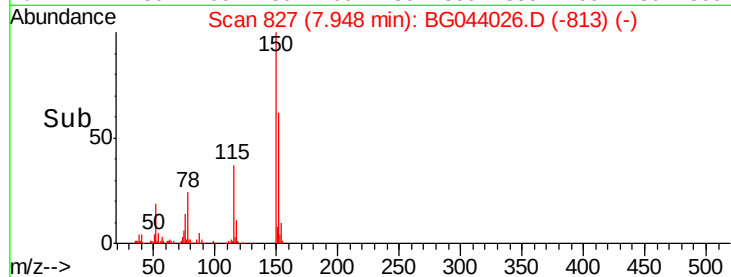


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

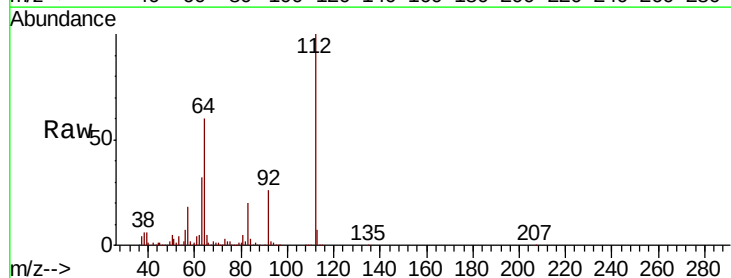
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 150.503 ng
RT: 5.53 min Scan# 415
Delta R.T. -0.01 min
Lab File: BG044026.D
Acq: 14 Jan 2020 00:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.7	47.8	71.6
63	31.8	24.3	36.5

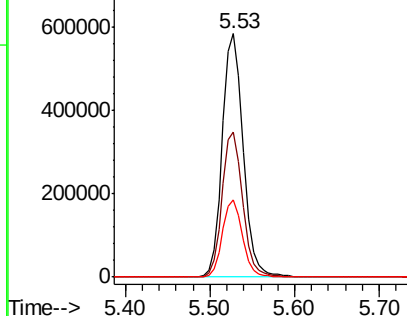
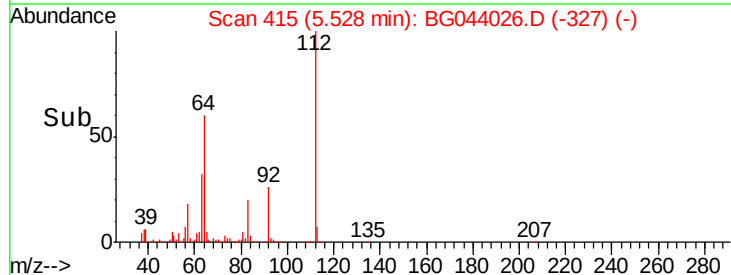


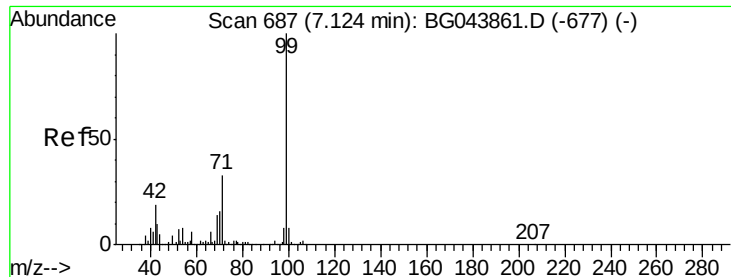
Abundance

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: 149.833 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG044026.D

Acq: 14 Jan 2020 00:16

Instrument :

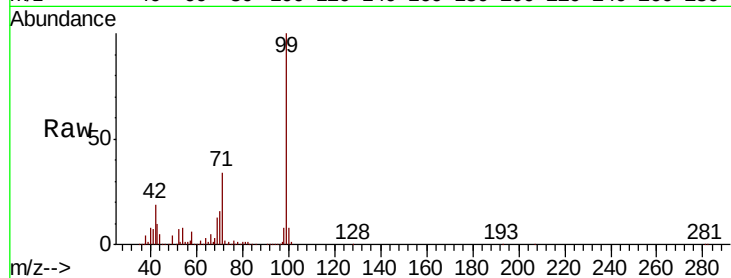
BNA_G

ClientSampleId :

SB-MW-19(3-5)

Tot Ion: 99 Resp: 1397046

Ion	Ratio	Lower	Upper
99	100		
42	18.6	14.9	22.3
71	33.6	26.4	39.6

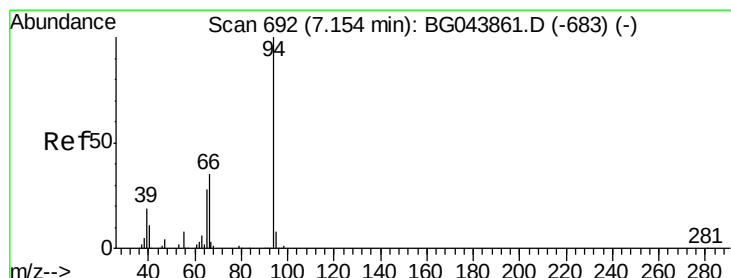
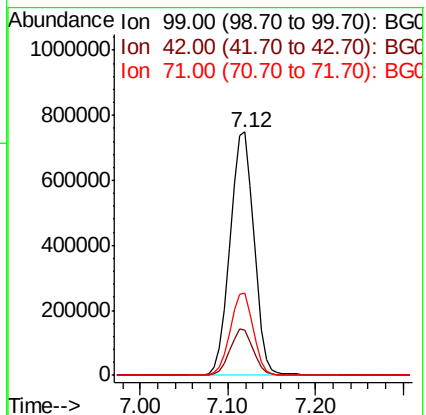
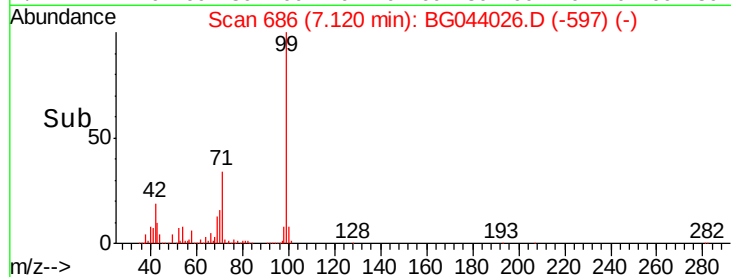


Abundance

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: 4.560 ng

RT: 7.14 min Scan# 690

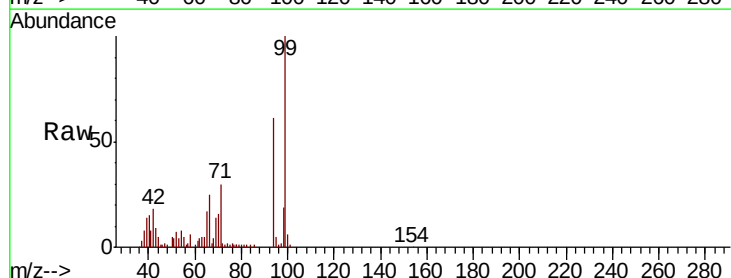
Delta R.T. -0.01 min

Lab File: BG044026.D

Acq: 14 Jan 2020 00:16

Tgt Ion: 94 Resp: 43810

Ion	Ratio	Lower	Upper
94	100		
65	27.3	8.1	48.1
66	40.7	15.6	55.6

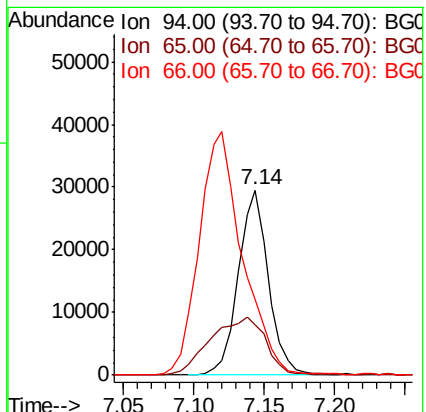
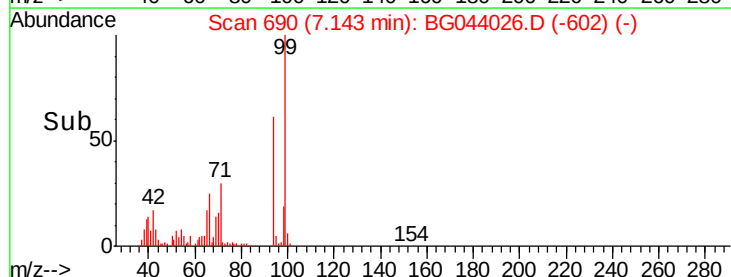


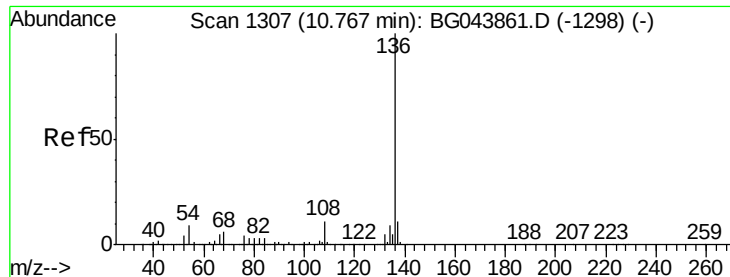
Abundance

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

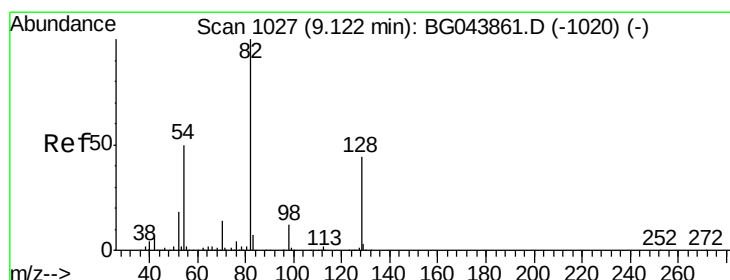
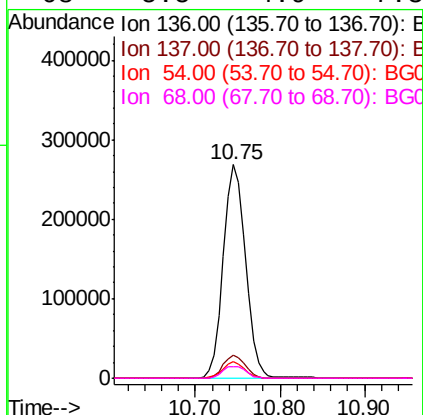
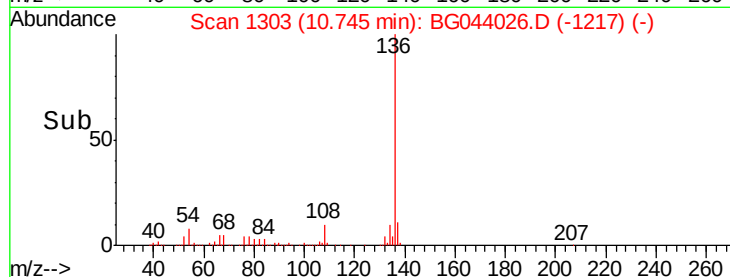
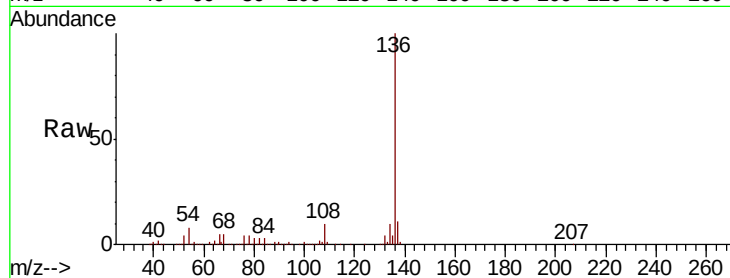




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BG044026.D
Acq: 14 Jan 2020 00:16

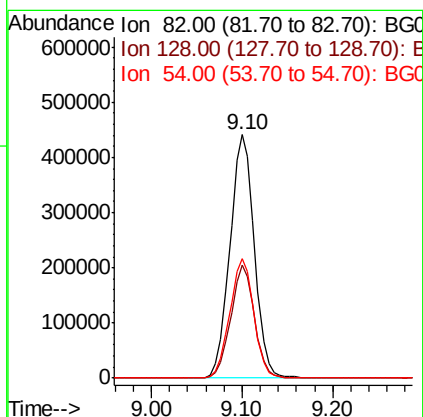
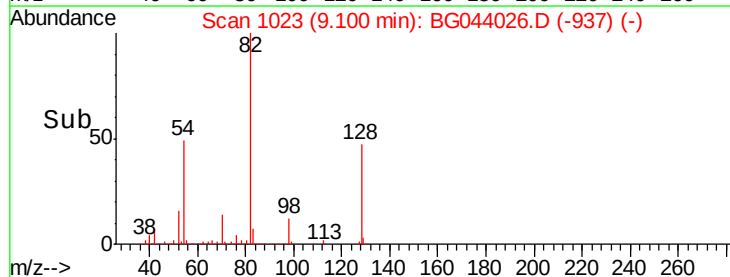
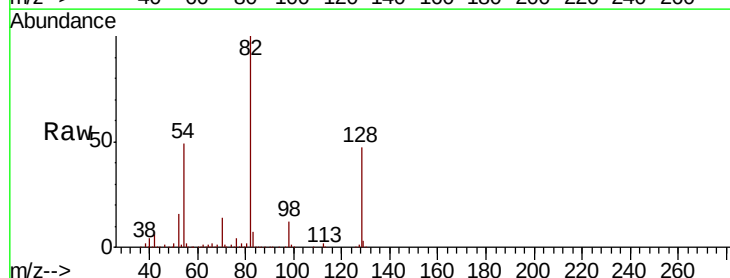
Instrument :
BNA_G
ClientSampleId :
SB-MW-19(3-5)

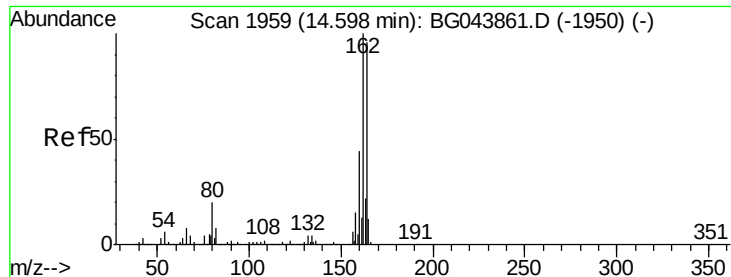
Tot Ion:136	Resp:	492844
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.8 13.2
54	7.8	7.0 10.4
68	5.5	4.9 7.3



#23
Nitrobenzene-d5
Concen: 89.686 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG044026.D
Acq: 14 Jan 2020 00:16

Tgt Ion: 82	Resp:	826257
Ion	Ratio	Lower Upper
82	100	
128	46.5	35.1 52.7
54	48.9	40.1 60.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.58 min Scan# 1955

Delta R.T. -0.02 min

Lab File: BG044026.D

Acq: 14 Jan 2020 00:16

Instrument :

BNA_G

ClientSampleId :

SB-MW-19(3-5)

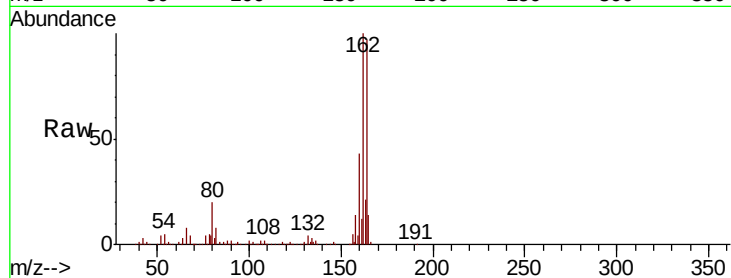
Tot Ion:164 Resp: 314006

Ion Ratio Lower Upper

164 100

162 103.3 83.0 124.4

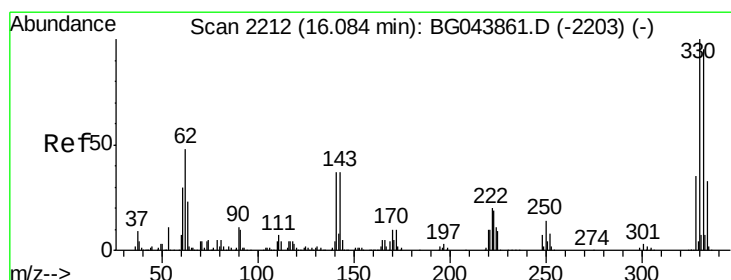
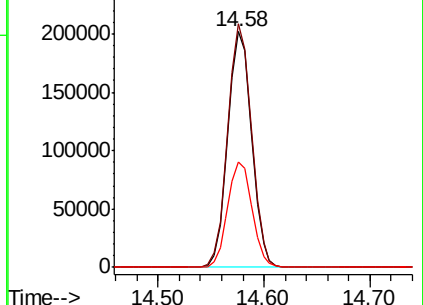
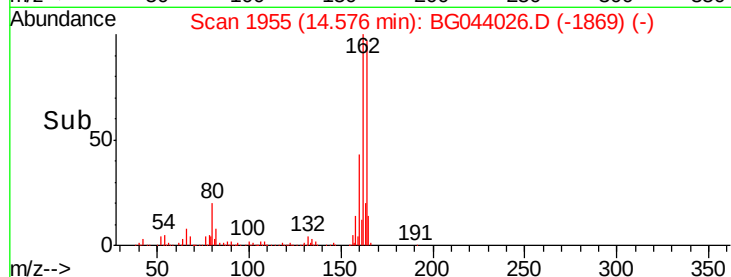
160 44.6 36.1 54.1



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: 160.798 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.02 min

Lab File: BG044026.D

Acq: 14 Jan 2020 00:16

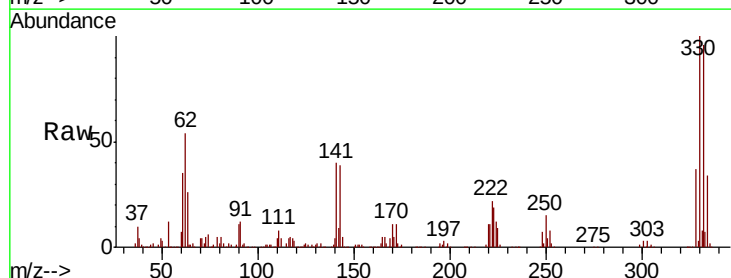
Tgt Ion:330 Resp: 528384

Ion Ratio Lower Upper

330 100

332 96.3 77.2 115.8

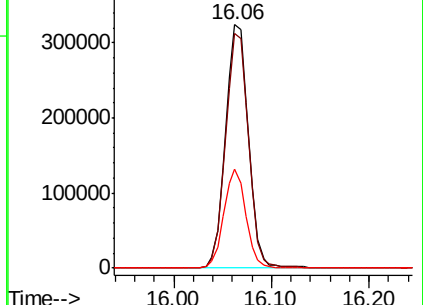
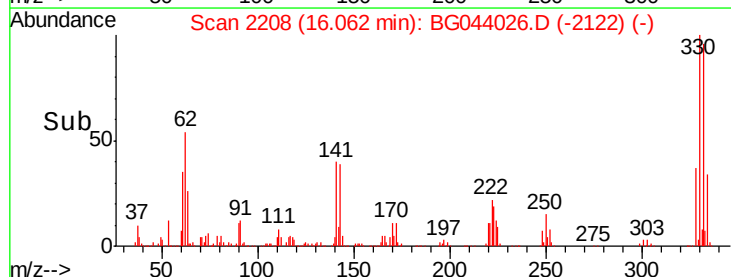
141 38.9 33.1 49.7

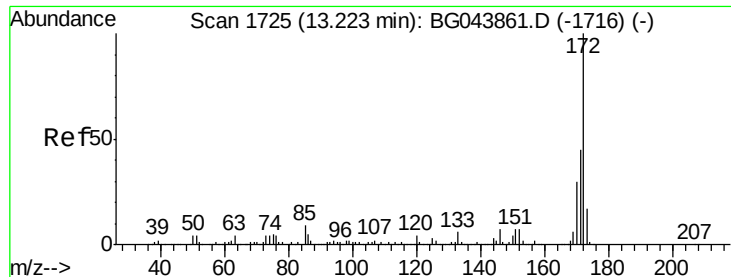


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

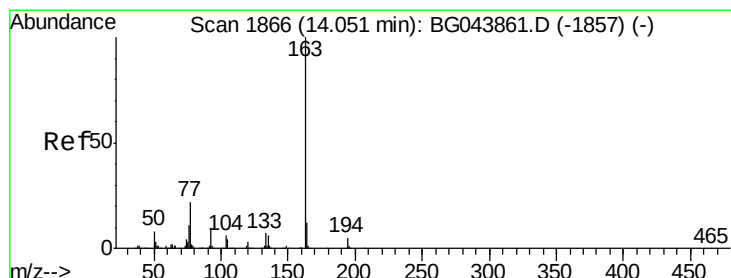
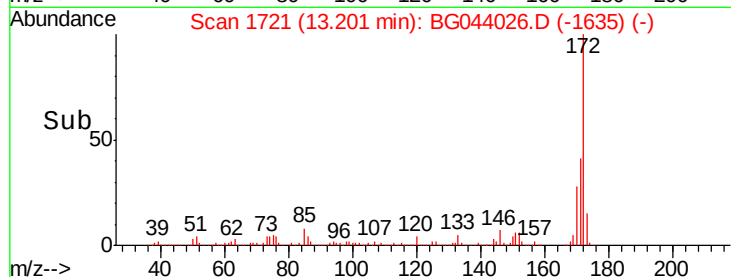
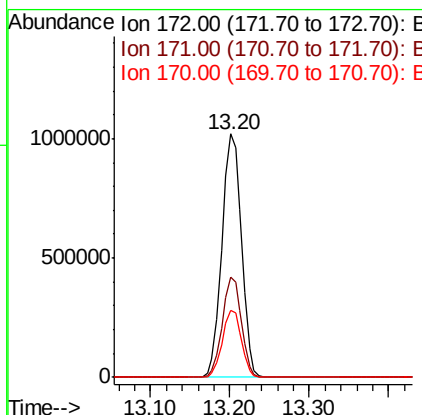
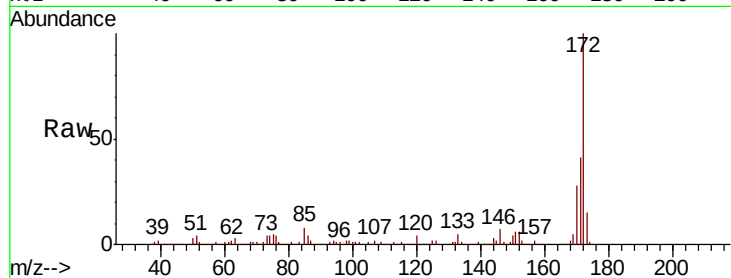




#45
2-Fluorobiphenyl
Concen: 100.547 ng
RT: 13.20 min Scan# 1721
Delta R.T. -0.02 min
Lab File: BG044026.D
Acq: 14 Jan 2020 00:16

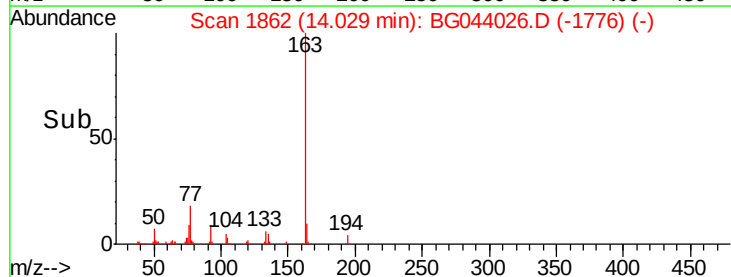
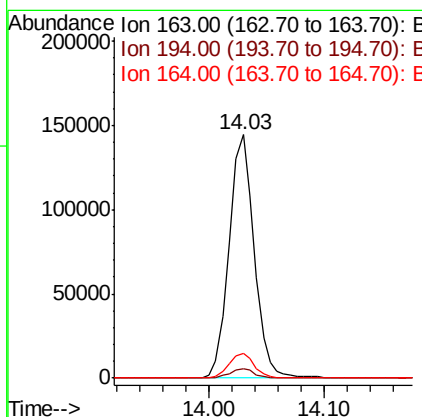
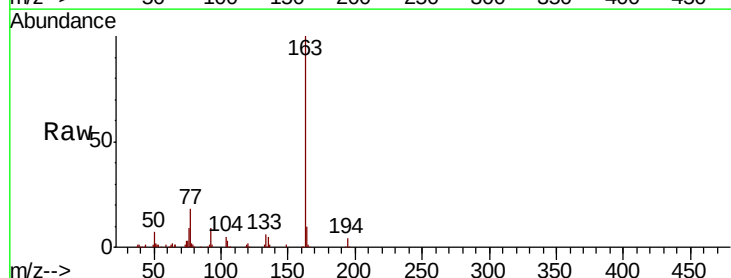
Instrument :
BNA_G
ClientSampleId :
SB-MW-19(3-5)

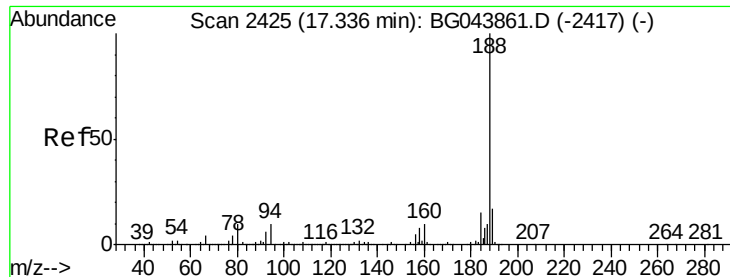
Tot Ion:172 Resp: 1742627
Ion Ratio Lower Upper
172 100
171 41.3 35.8 53.8
170 27.7 24.2 36.4



#50
Dimethylphthalate
Concen: 9.783 ng
RT: 14.03 min Scan# 1862
Delta R.T. -0.02 min
Lab File: BG044026.D
Acq: 14 Jan 2020 00:16

Tgt Ion:163 Resp: 218126
Ion Ratio Lower Upper
163 100
194 4.1 3.7 5.5
164 10.3 9.3 13.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.32 min Scan# 2422

Delta R.T. -0.02 min

Lab File: BG044026.D

Acq: 14 Jan 2020 00:16

Instrument :

BNA_G

ClientSampleId :

SB-MW-19(3-5)

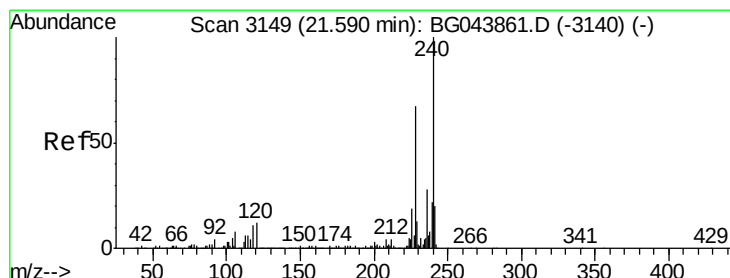
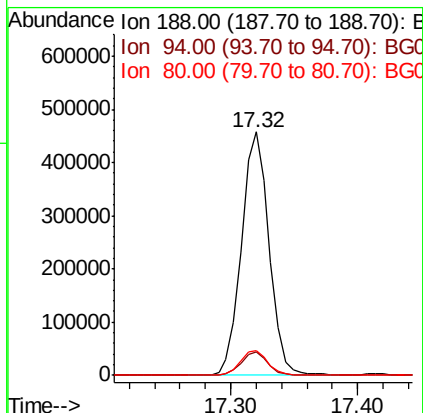
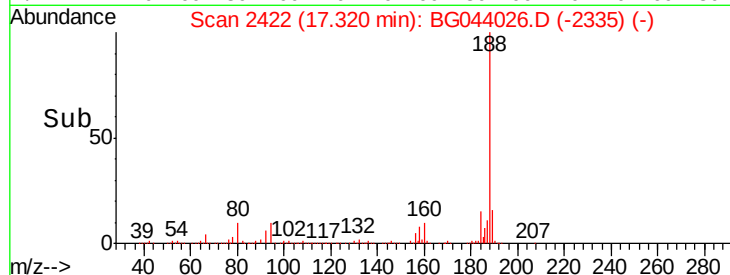
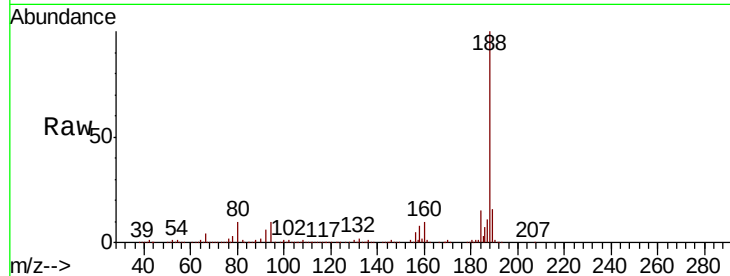
Tot Ion:188 Resp: 686855

Ion Ratio Lower Upper

188 100

94 9.6 7.9 11.9

80 10.3 8.2 12.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.02 min

Lab File: BG044026.D

Acq: 14 Jan 2020 00:16

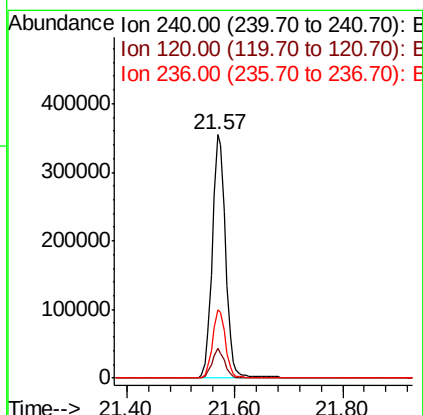
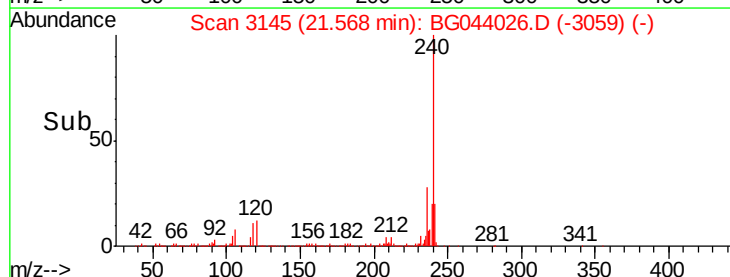
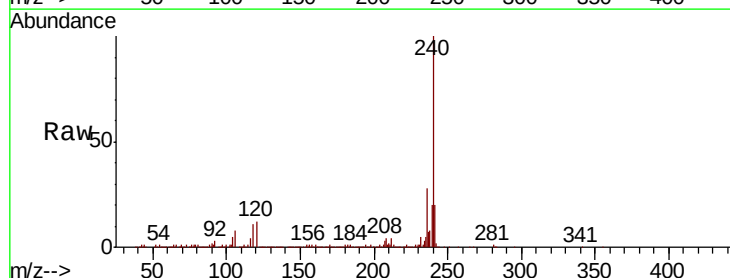
Tgt Ion:240 Resp: 609853

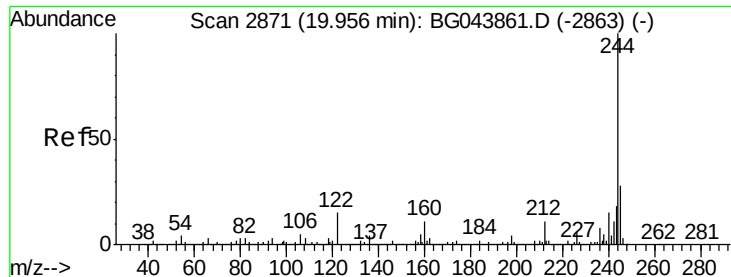
Ion Ratio Lower Upper

240 100

120 12.1 9.6 14.4

236 27.9 22.2 33.2





#79

Terphenyl-d14

Concen: 110.677 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.02 min

Lab File: BG044026.D

Acq: 14 Jan 2020 00:16

Instrument :

BNA_G

ClientSampleId :

SB-MW-19(3-5)

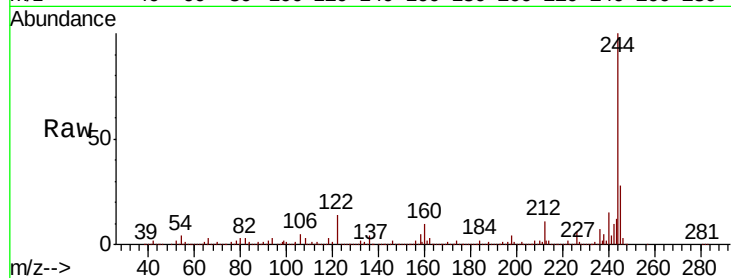
Tot Ion:244 Resp: 2595264

Ion Ratio Lower Upper

244 100

212 10.6 8.6 13.0

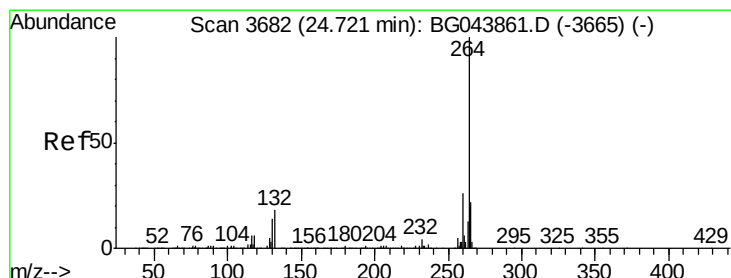
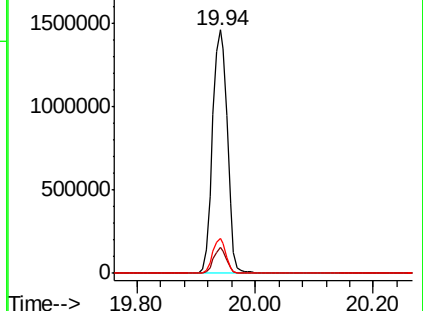
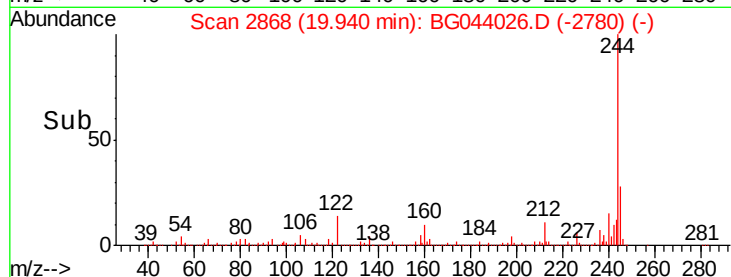
122 14.4 11.9 17.9



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: 24.69 min Scan# 3677

Delta R.T. -0.03 min

Lab File: BG044026.D

Acq: 14 Jan 2020 00:16

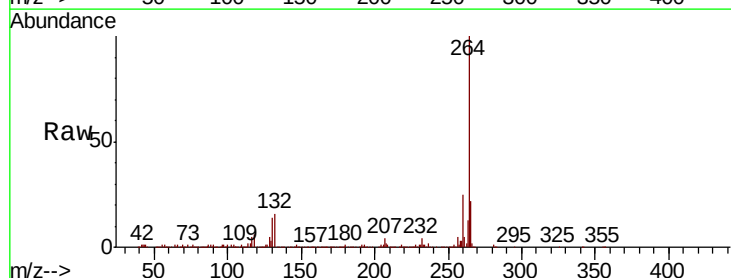
Tgt Ion:264 Resp: 682845

Ion Ratio Lower Upper

264 100

260 24.9 20.4 30.6

265 22.2 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

