

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011720\
 Data File : BG044079.D
 Acq On : 17 Jan 2020 18:00
 Operator : JU
 Sample : L1125-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FEQCFB-01-14-20

Quant Time: Jan 18 03:33:14 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

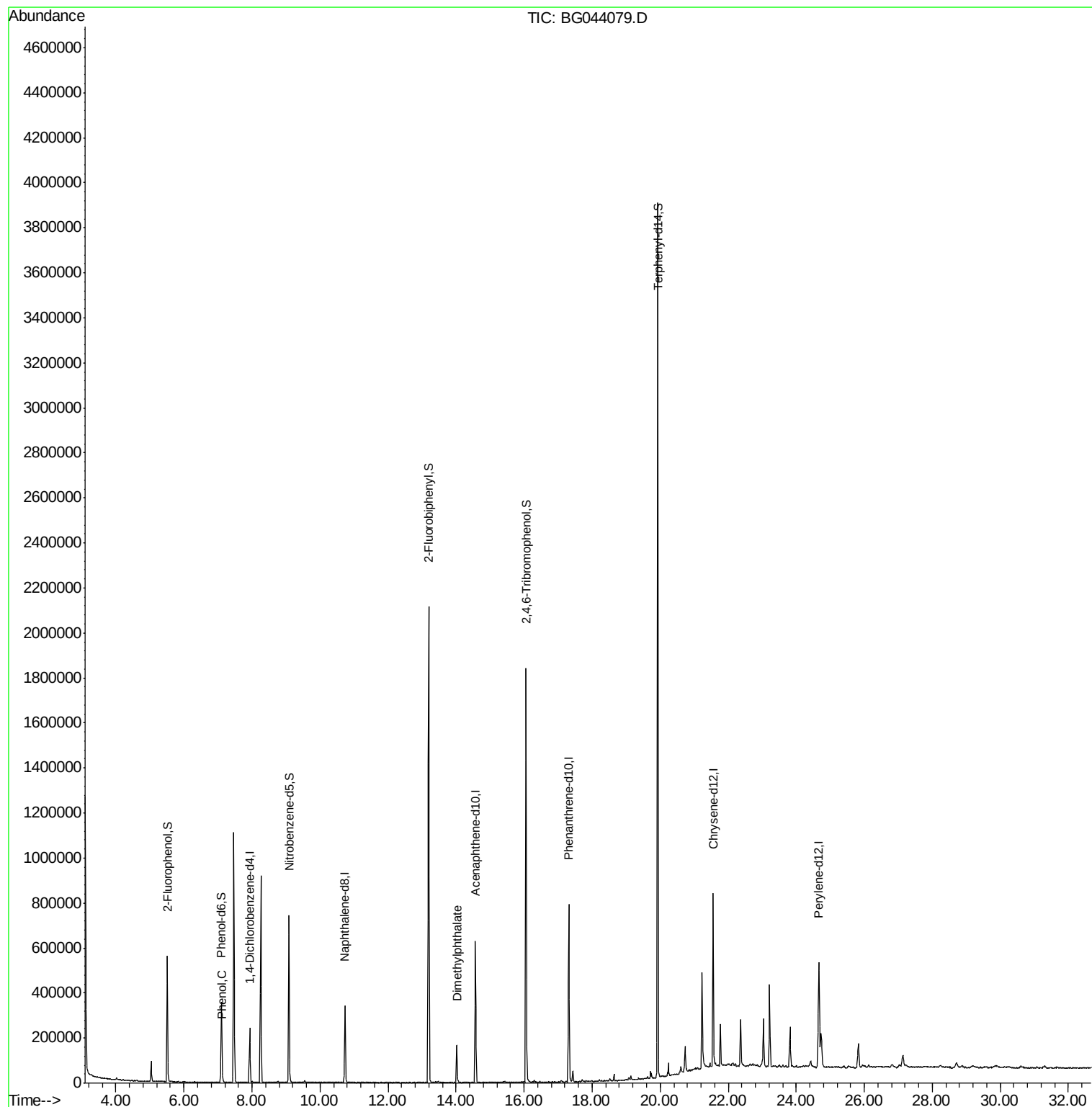
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	72656	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	317754	20.00	ng	-0.03
39) Acenaphthene-d10	14.57	164	228928	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	500318	20.00	ng	-0.02
76) Chrysene-d12	21.55	240	425588	20.00	ng	-0.03
87) Perylene-d12	24.67	264	475829	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	276459	69.87	ng	-0.03
7) Phenol-d6	7.10	99	232798	42.09	ng	-0.02
23) Nitrobenzene-d5	9.09	82	472827	79.60	ng	-0.03
42) 2,4,6-Tribromophenol	16.06	330	344111	143.64	ng	-0.02
45) 2-Fluorobiphenyl	13.19	172	1149911	91.01	ng	-0.03
79) Terphenyl-d14	19.93	244	1791218	108.91	ng	-0.03
Target Compounds						
10) Phenol	7.13	94	12827	2.251	ng	94
50) Dimethylphthalate	14.02	163	128548	7.908	ng	97

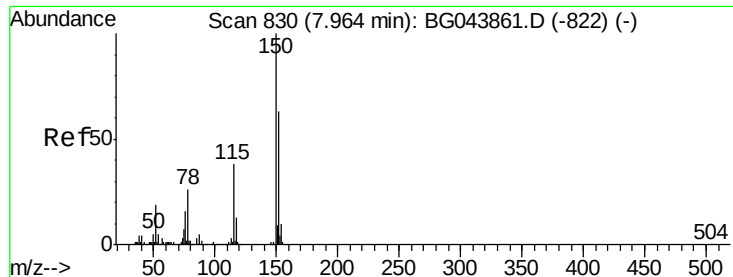
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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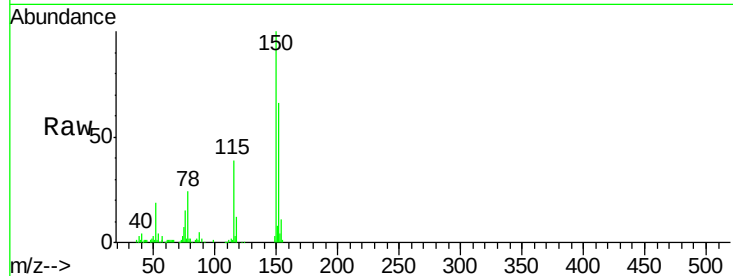


#1

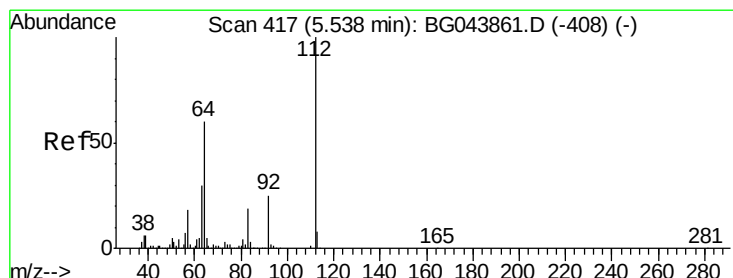
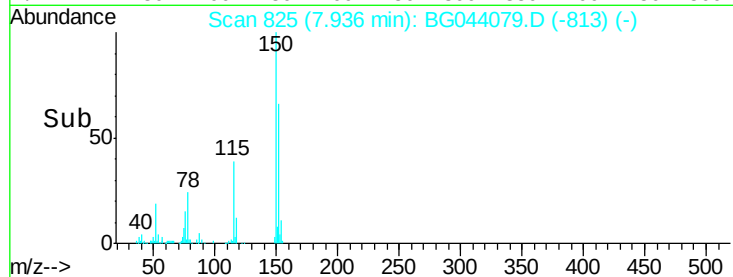
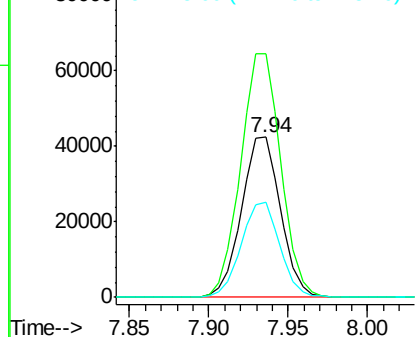
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.94 min Scan# 825
Delta R.T. -0.03 min
Lab File: BG044079.D
Acq: 17 Jan 2020 18:00

Instrument :
BNA_G
ClientSampleId :
FEQCFB-01-14-20

Tot Ion:152 Resp: 72656
Ion Ratio Lower Upper
152 100
150 151.9 127.0 190.4
115 59.1 47.8 71.8



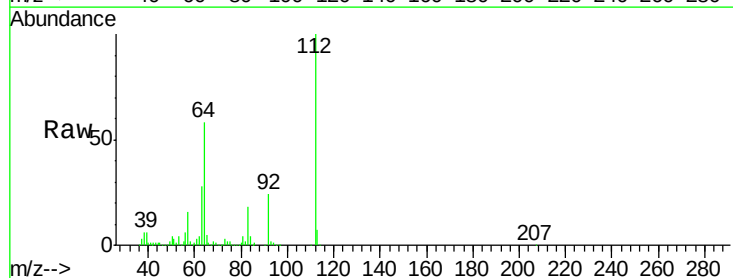
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



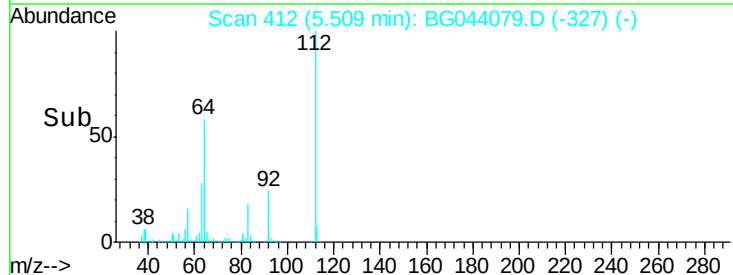
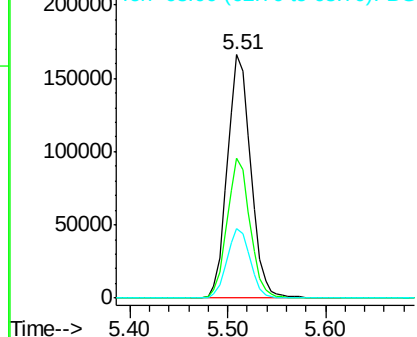
#5

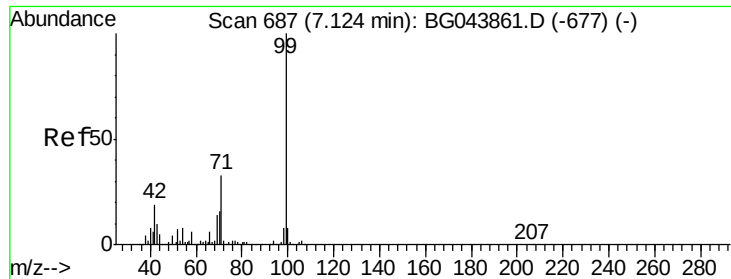
2-Fluorophenol
Concen: 69.865 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044079.D
Acq: 17 Jan 2020 18:00

Tgt Ion:112 Resp: 276459
Ion Ratio Lower Upper
112 100
64 57.7 47.8 71.6
63 28.5 24.3 36.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 42.088 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

Lab File: BG044079.D

Acq: 17 Jan 2020 18:00

Instrument :

BNA_G

ClientSampleId :

FEQCFB-01-14-20

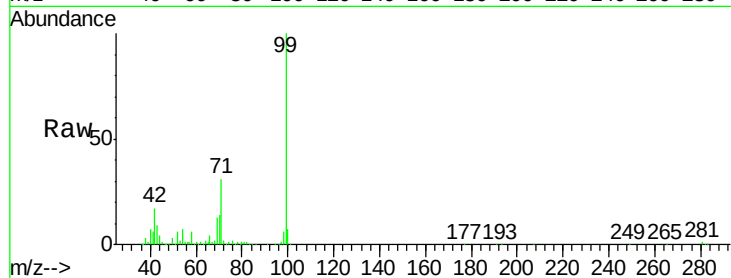
Tot Ion: 99 Resp: 232798

Ion Ratio Lower Upper

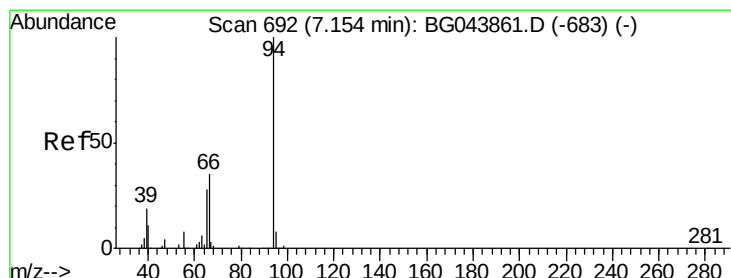
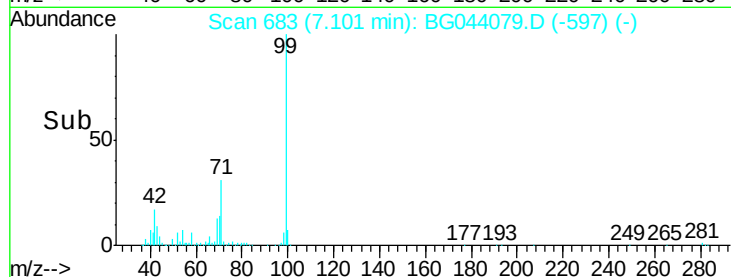
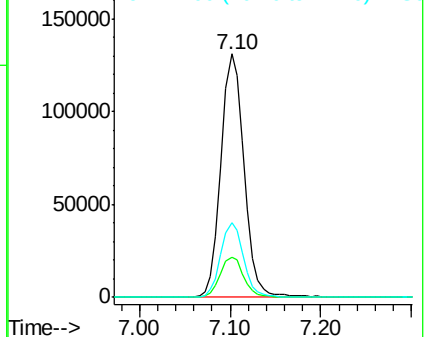
99 100

42 16.5 14.9 22.3

71 30.7 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: 2.251 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.02 min

Lab File: BG044079.D

Acq: 17 Jan 2020 18:00

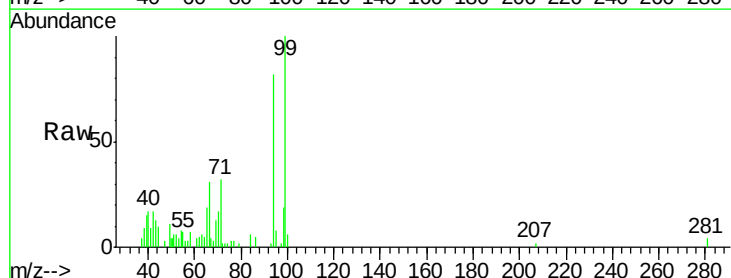
Tgt Ion: 94 Resp: 12827

Ion Ratio Lower Upper

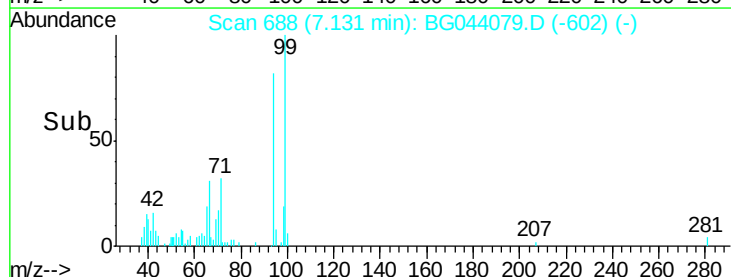
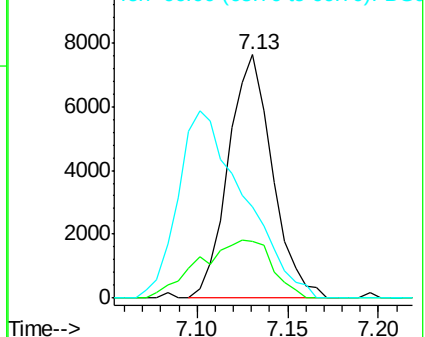
94 100

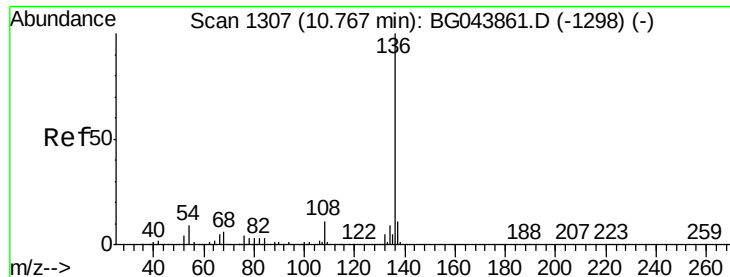
65 23.4 8.1 48.1

66 37.7 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

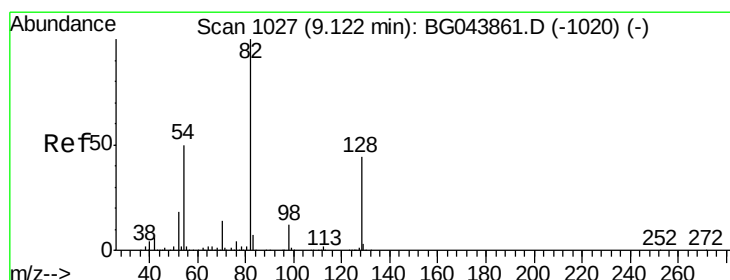
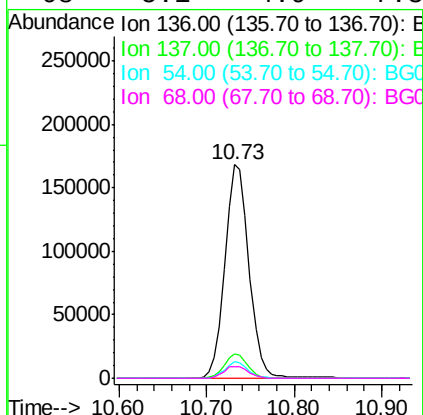
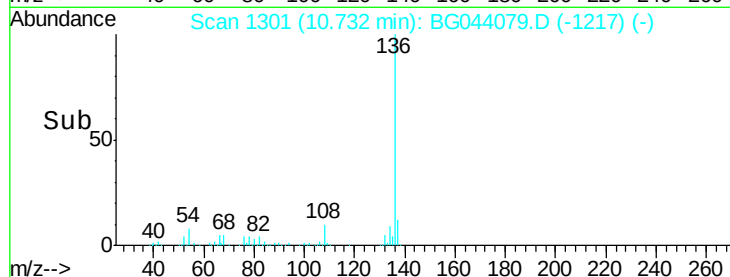
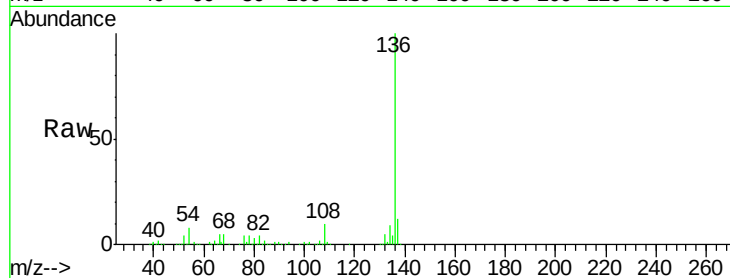




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.03 min
Lab File: BG044079.D
Acq: 17 Jan 2020 18:00

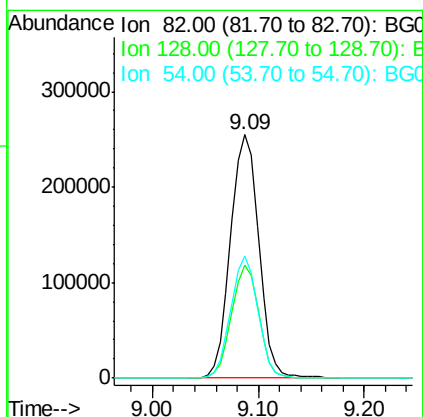
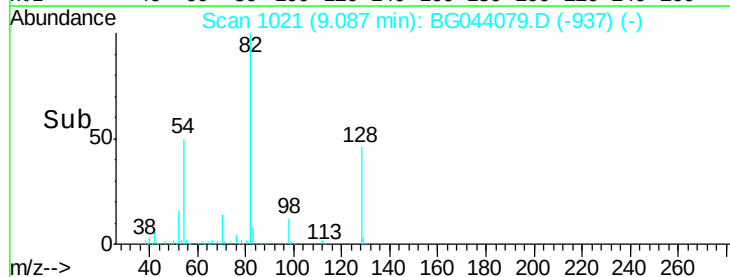
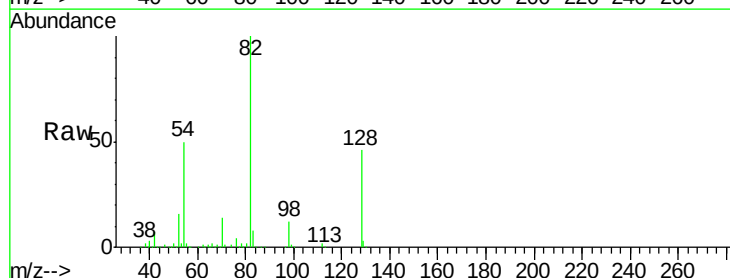
Instrument :
BNA_G
ClientSampleId :
FEQCFB-01-14-20

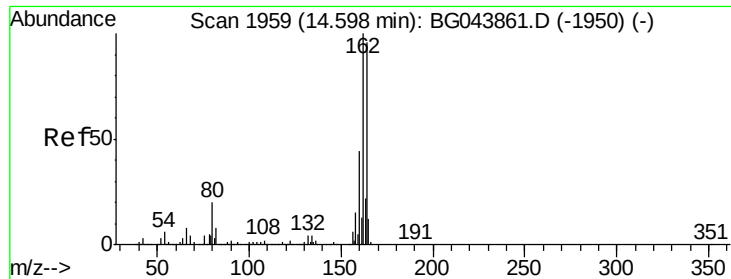
Tot Ion:136	Resp:	317754	
Ion Ratio	Lower	Upper	
136 100			
137 11.7	8.8	13.2	
54 7.8	7.0	10.4	
68 5.1	4.9	7.3	



#23
Nitrobenzene-d5
Concen: 79.603 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.03 min
Lab File: BG044079.D
Acq: 17 Jan 2020 18:00

Tgt Ion: 82	Resp: 472827
Ion Ratio	Lower Upper
82 100	
128 46.3	35.1 52.7
54 49.9	40.1 60.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1954

Delta R.T. -0.03 min

Lab File: BG044079.D

Acq: 17 Jan 2020 18:00

Instrument :

BNA_G

ClientSampleId :

FEQCFB-01-14-20

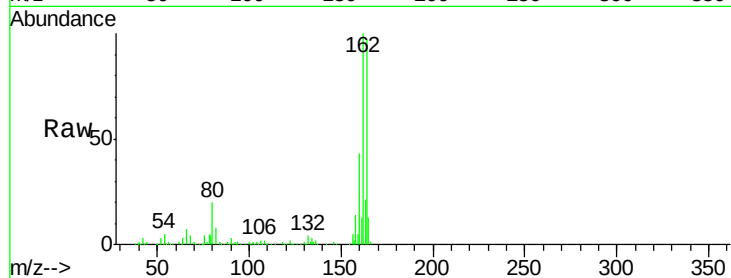
Tot Ion:164 Resp: 228928

Ion Ratio Lower Upper

164 100

162 103.2 83.0 124.4

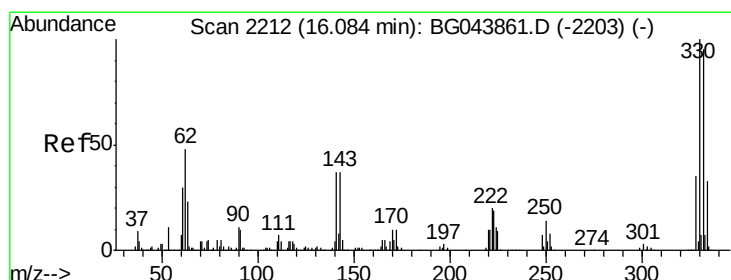
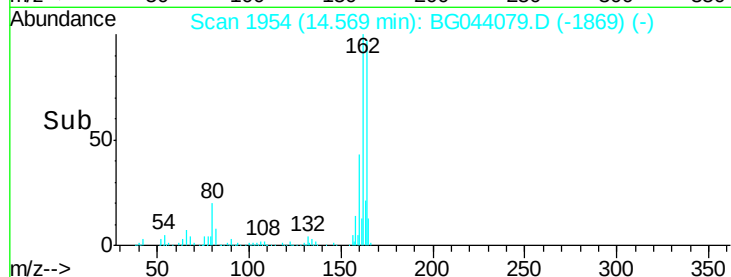
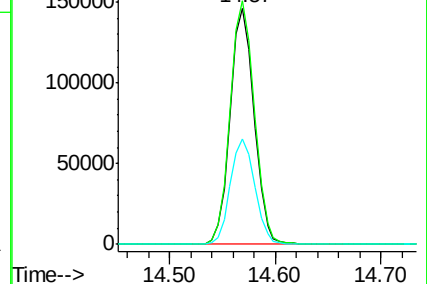
160 44.7 36.1 54.1



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: 143.638 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.02 min

Lab File: BG044079.D

Acq: 17 Jan 2020 18:00

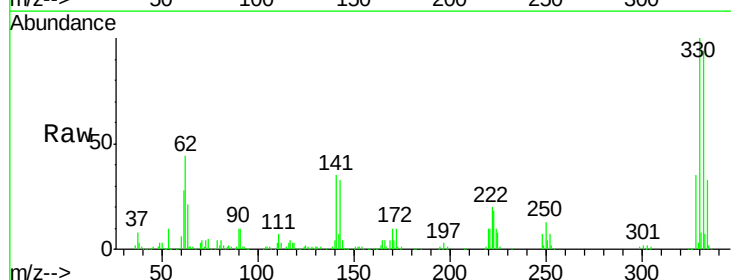
Tgt Ion:330 Resp: 344111

Ion Ratio Lower Upper

330 100

332 96.0 77.2 115.8

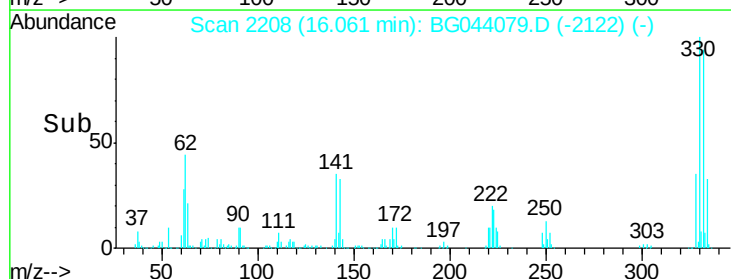
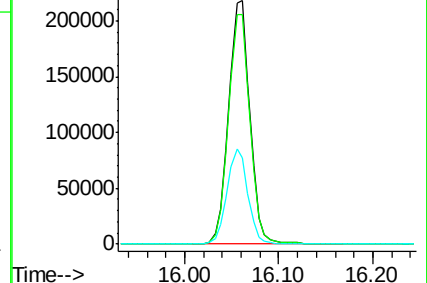
141 38.5 33.1 49.7

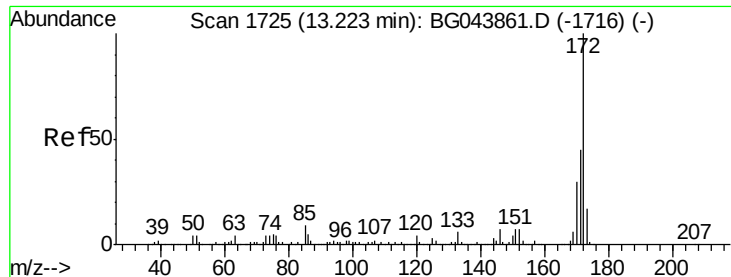


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

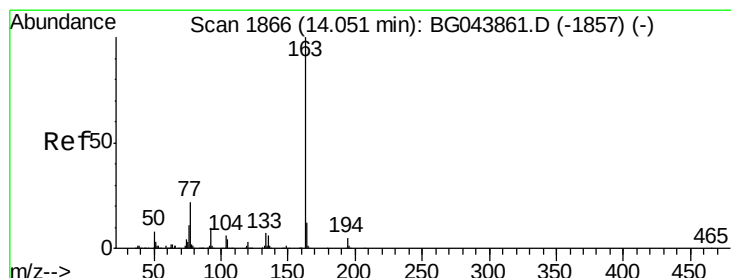
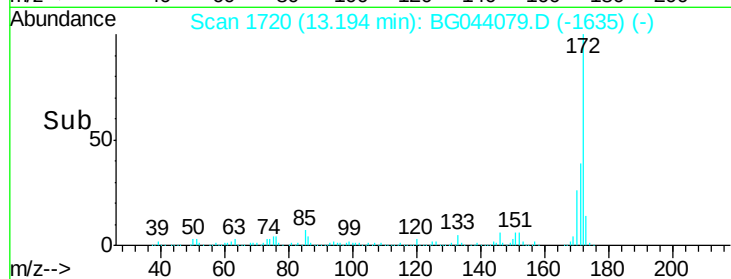
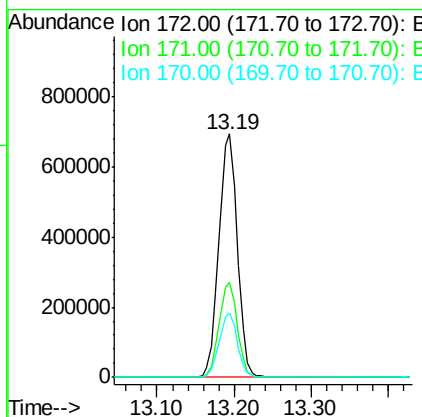
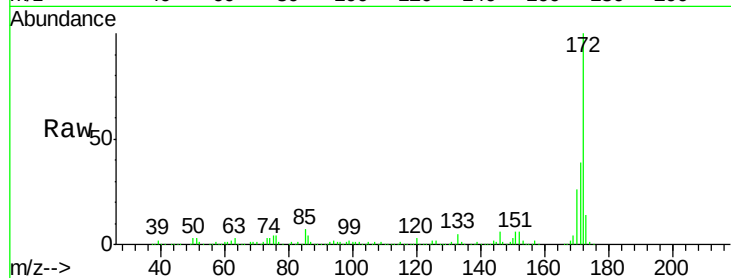




#45
2-Fluorobiphenyl
Concen: 91.006 ng
RT: 13.19 min Scan# 1720
Delta R.T. -0.03 min
Lab File: BG044079.D
Acq: 17 Jan 2020 18:00

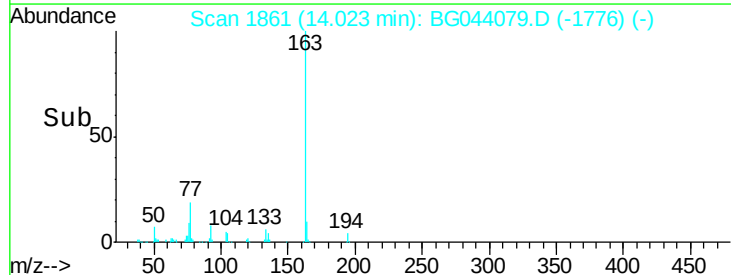
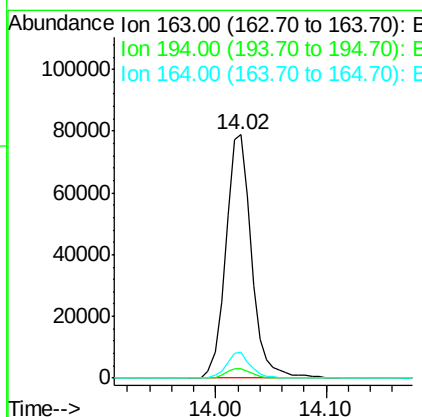
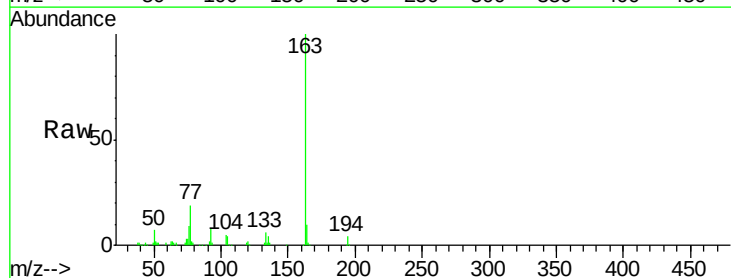
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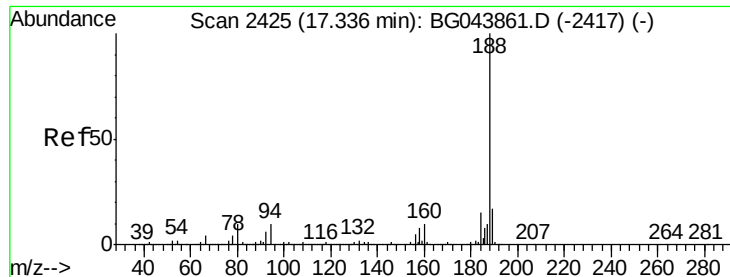
Tot Ion:172 Resp: 1149911
Ion Ratio Lower Upper
172 100
171 39.1 35.8 53.8
170 26.2 24.2 36.4



#50
Dimethylphthalate
Concen: 7.908 ng
RT: 14.02 min Scan# 1861
Delta R.T. -0.03 min
Lab File: BG044079.D
Acq: 17 Jan 2020 18:00

Tgt Ion:163 Resp: 128548
Ion Ratio Lower Upper
163 100
194 3.9 3.7 5.5
164 10.5 9.3 13.9

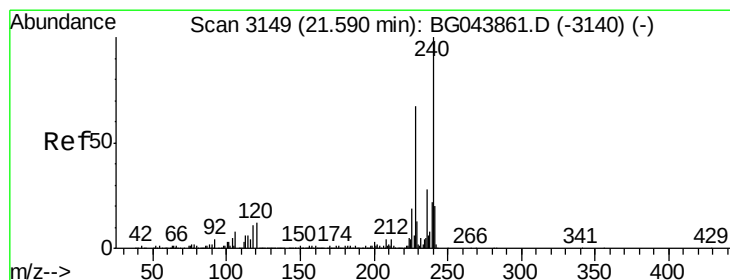
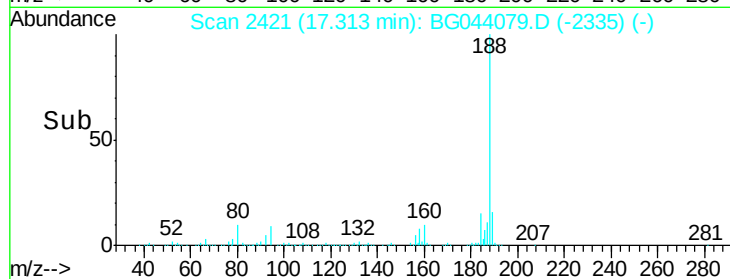
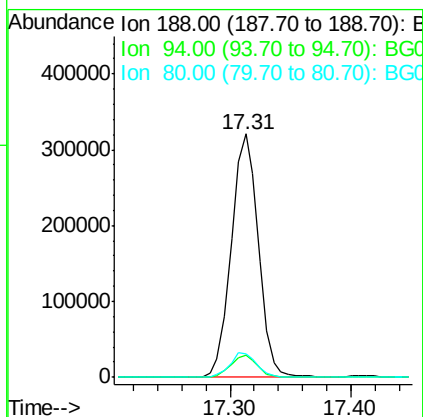
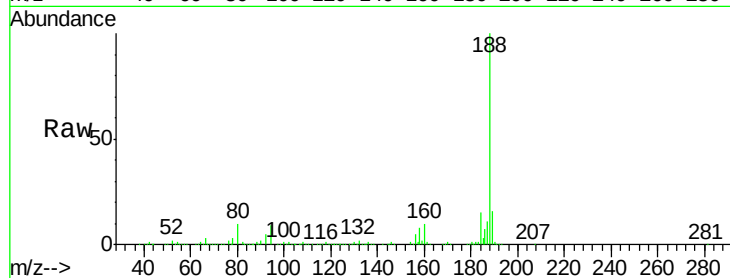




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2421
Delta R.T. -0.02 min
Lab File: BG044079.D
Acq: 17 Jan 2020 18:00

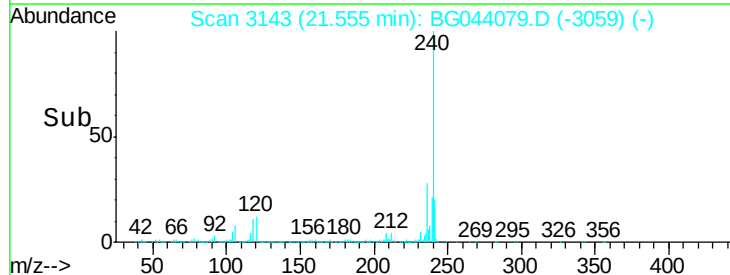
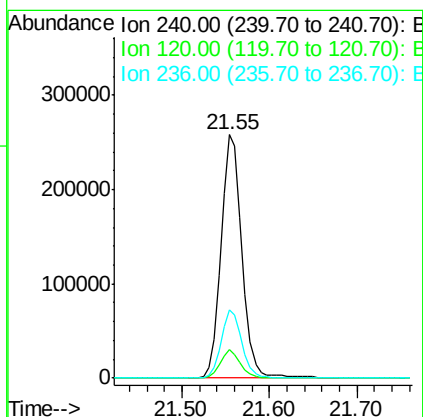
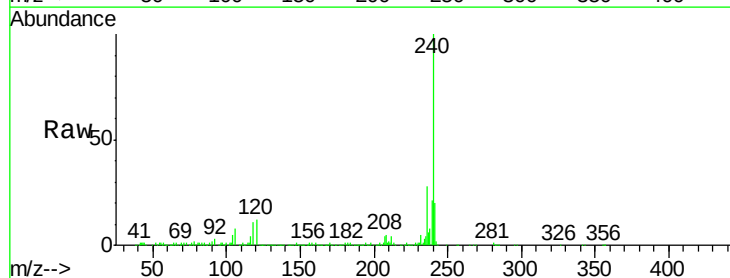
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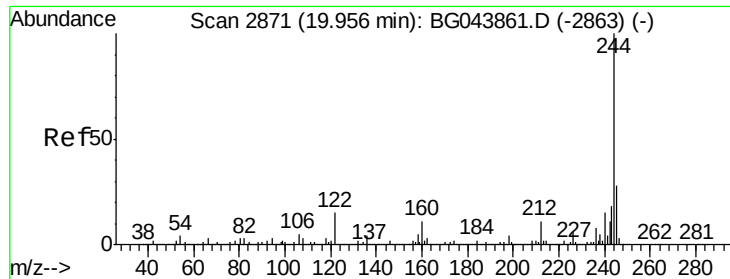
Tot Ion:188 Resp: 500318
Ion Ratio Lower Upper
188 100
94 9.0 7.9 11.9
80 9.9 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3143
Delta R.T. -0.03 min
Lab File: BG044079.D
Acq: 17 Jan 2020 18:00

Tgt Ion:240 Resp: 425588
Ion Ratio Lower Upper
240 100
120 11.9 9.6 14.4
236 28.1 22.2 33.2





#79

Terphenyl-d14

Concen: 108.913 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.03 min

Lab File: BG044079.D

Acq: 17 Jan 2020 18:00

Instrument :

BNA_G

ClientSampleId :

FEQCFB-01-14-20

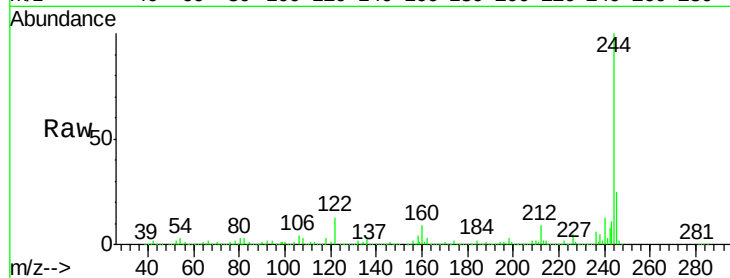
Tot Ion:244 Resp: 1791218

Ion Ratio Lower Upper

244 100

212 9.3 8.6 13.0

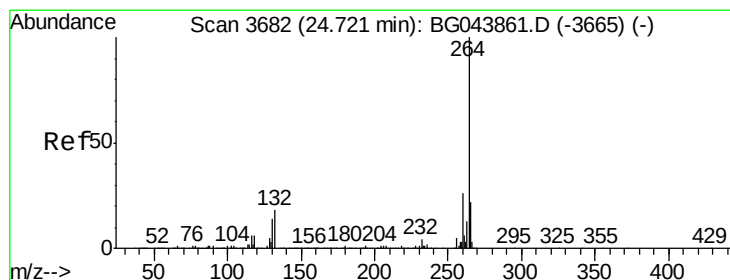
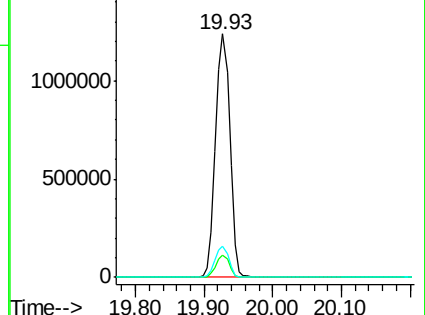
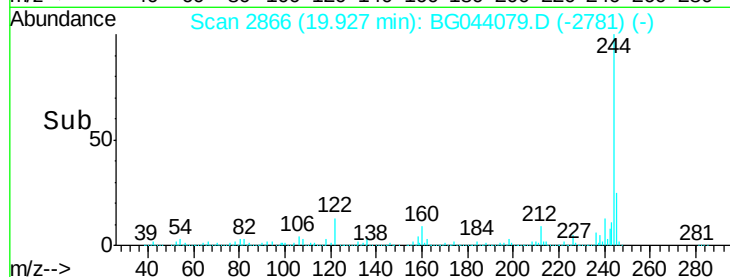
122 12.8 11.9 17.9



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: BG044079.D

Acq: 17 Jan 2020 18:00

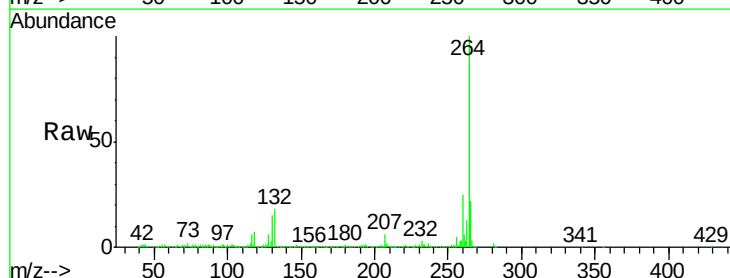
Tgt Ion:264 Resp: 475829

Ion Ratio Lower Upper

264 100

260 25.0 20.4 30.6

265 21.5 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

