

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
 Data File : BG044129.D
 Acq On : 21 Jan 2020 12:07
 Operator : JU
 Sample : L1162-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AOC-9-NORTH

Quant Time: Jan 21 13:27:04 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

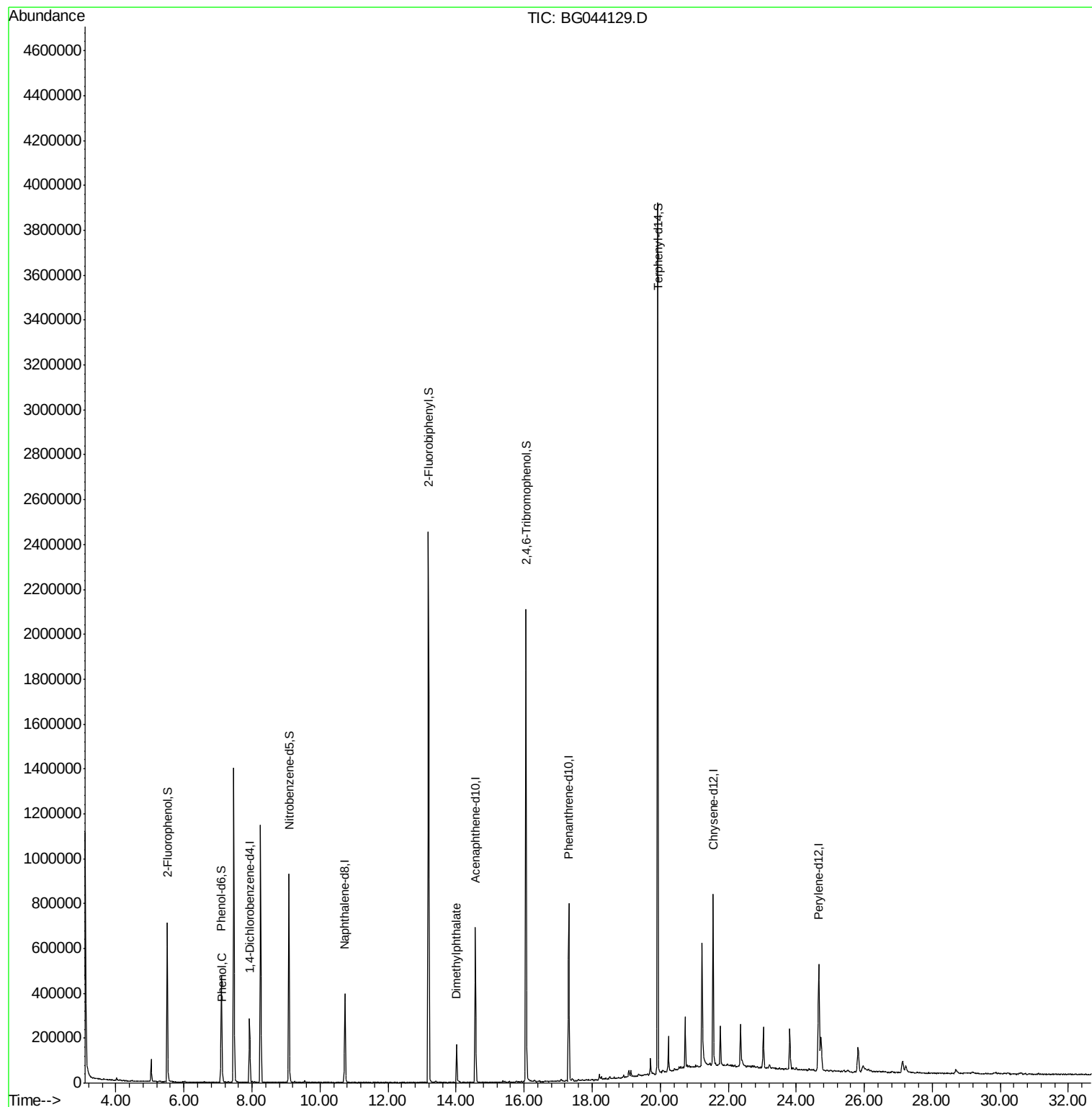
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	84446	20.00	ng	-0.04
21) Naphthalene-d8	10.73	136	365745	20.00	ng	-0.04
39) Acenaphthene-d10	14.57	164	249116	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	512912	20.00	ng	-0.02
76) Chrysene-d12	21.55	240	431623	20.00	ng	-0.04
87) Perylene-d12	24.66	264	482760	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	353949	76.96	ng	-0.03
7) Phenol-d6	7.10	99	306754	47.72	ng	-0.02
23) Nitrobenzene-d5	9.09	82	588289	86.05	ng	-0.04
42) 2,4,6-Tribromophenol	16.05	330	391740	150.27	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1353806	98.46	ng	-0.04
79) Terphenyl-d14	19.93	244	1756930	103.80	ng	-0.03
Target Compounds						
10) Phenol	7.12	94	27810	4.199	ng	94
50) Dimethylphthalate	14.02	163	127958	7.234	ng	97

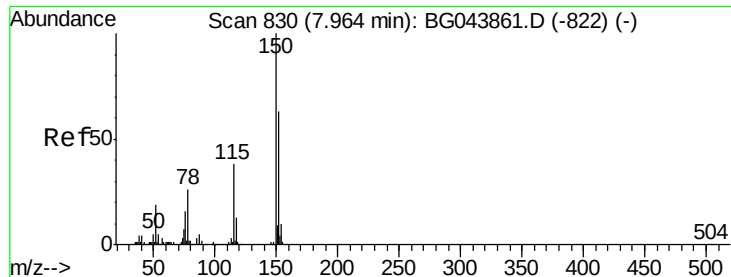
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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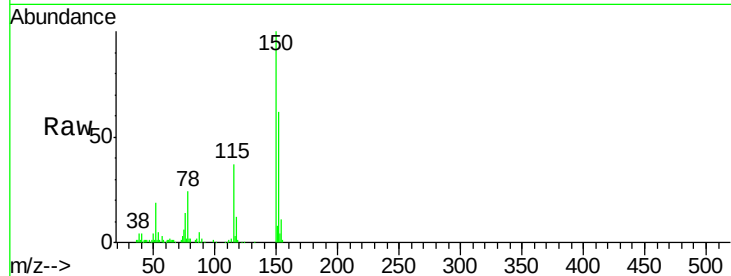


#1

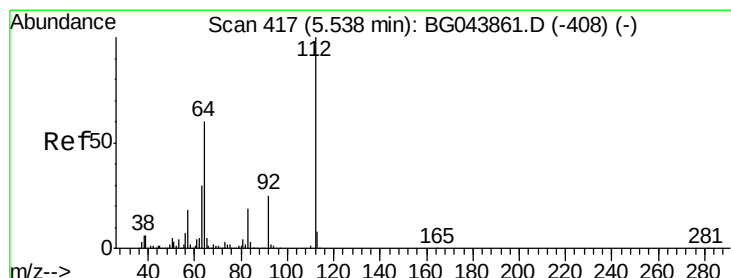
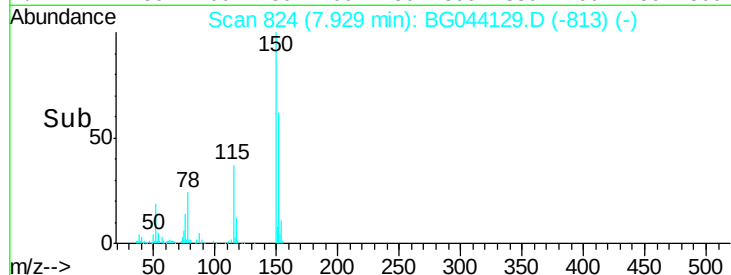
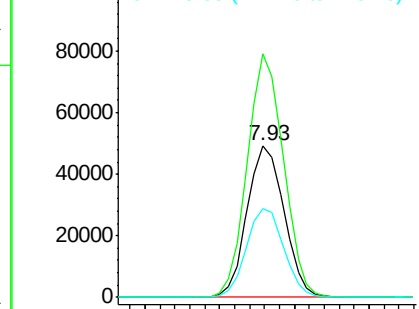
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.04 min
Lab File: BG044129.D
Acq: 21 Jan 2020 12:07

Instrument :
BNA_G
ClientSampleId :
AOC-9-NORTH

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.3	127.0	190.4
115	58.7	47.8	71.8



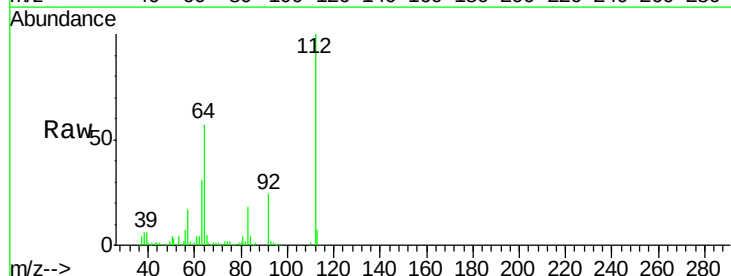
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



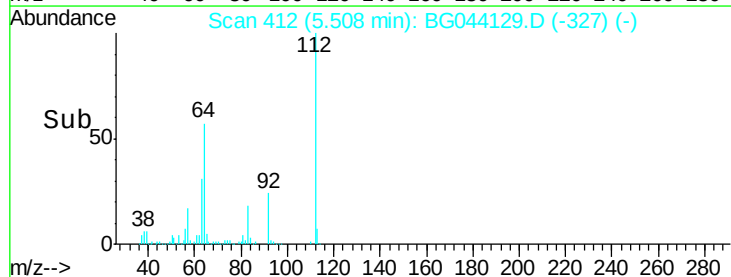
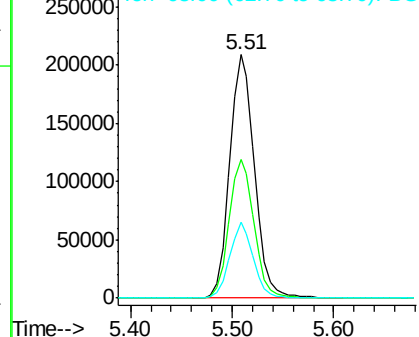
#5

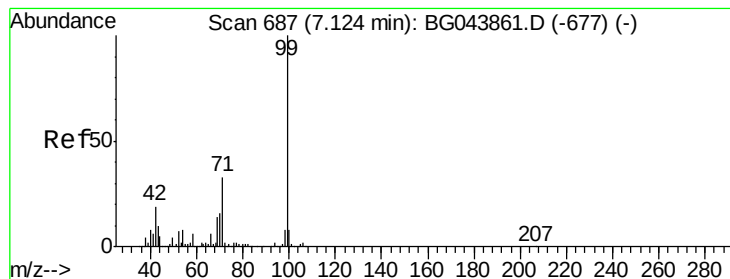
2-Fluorophenol
Concen: 76.960 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044129.D
Acq: 21 Jan 2020 12:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.9	47.8	71.6
63	31.2	24.3	36.5



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: 47.716 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

Lab File: BG044129.D

Acq: 21 Jan 2020 12:07

Instrument :

BNA_G

ClientSampleId :

AOC-9-NORTH

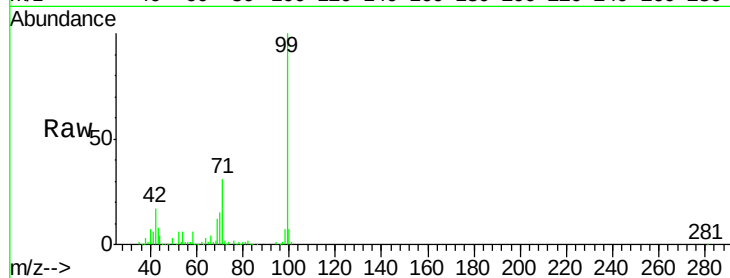
Tot Ion: 99 Resp: 306754

Ion Ratio Lower Upper

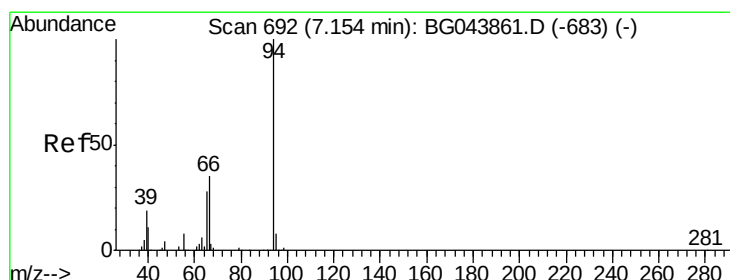
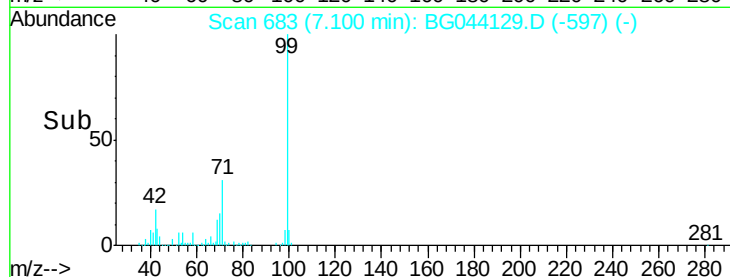
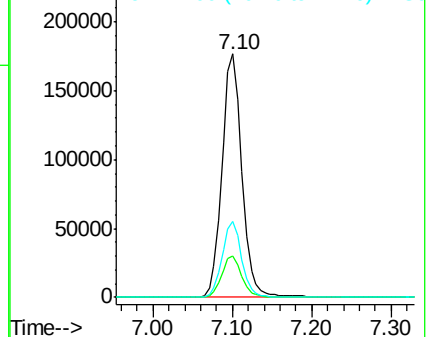
99 100

42 17.0 14.9 22.3

71 30.9 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: 4.199 ng

RT: 7.12 min Scan# 687

Delta R.T. -0.03 min

Lab File: BG044129.D

Acq: 21 Jan 2020 12:07

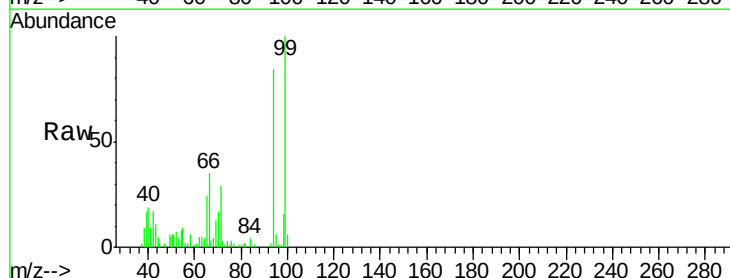
Tgt Ion: 94 Resp: 27810

Ion Ratio Lower Upper

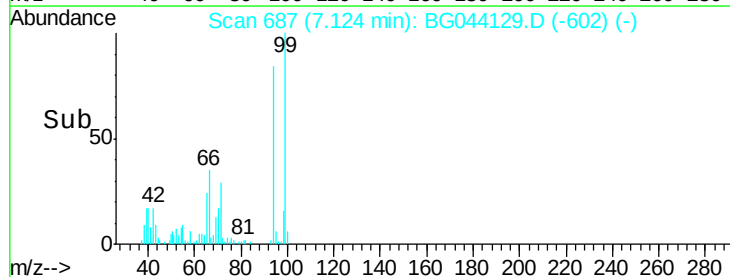
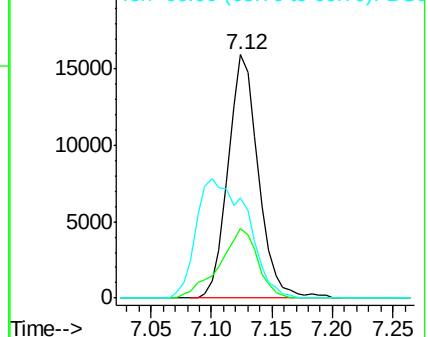
94 100

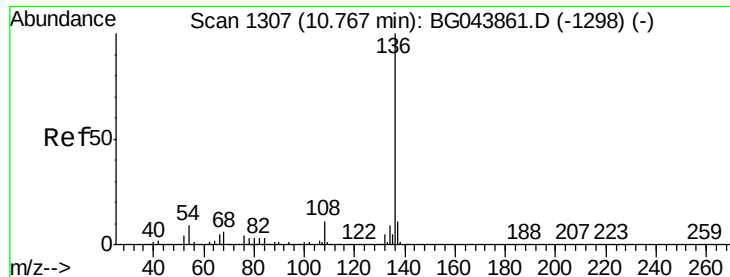
65 28.7 8.1 48.1

66 41.3 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

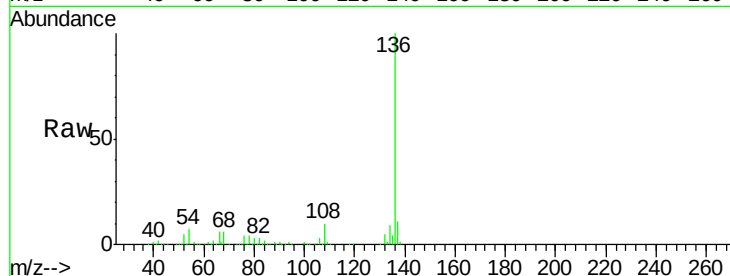




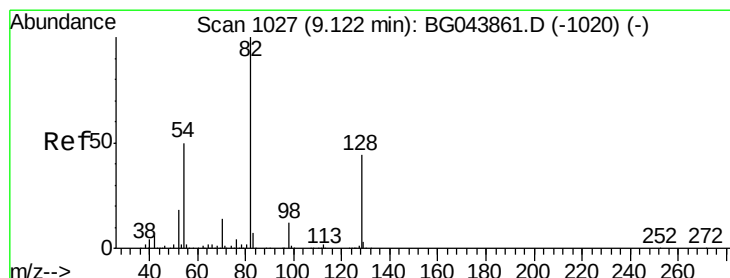
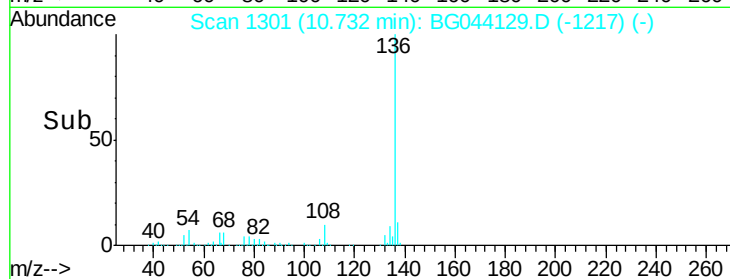
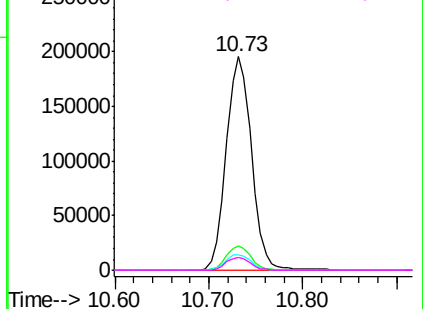
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.04 min
Lab File: BG044129.D
Acq: 21 Jan 2020 12:07

Instrument :
BNA_G
ClientSampleId :
AOC-9-NORTH

Tot Ion:136	Resp:	365745
Ion Ratio	Lower	Upper
136 100		
137 11.4	8.8	13.2
54 7.4	7.0	10.4
68 6.0	4.9	7.3

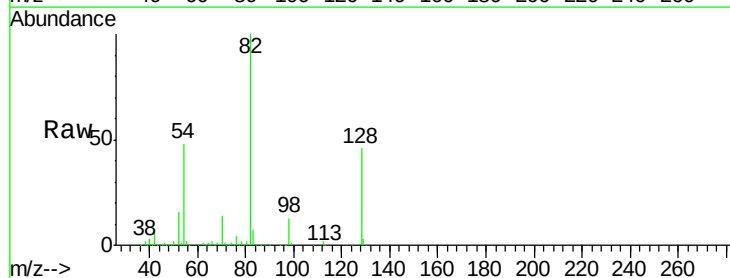


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

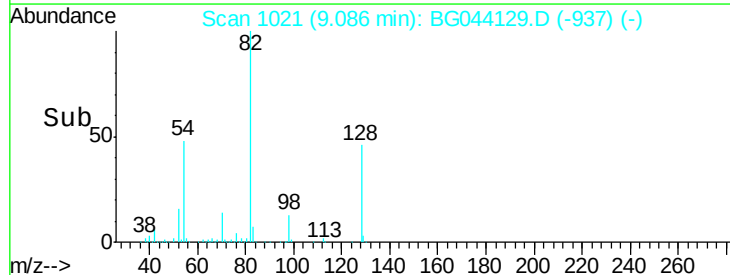
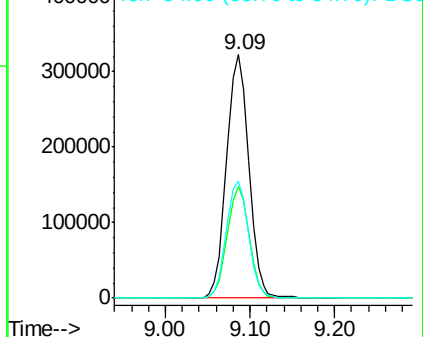


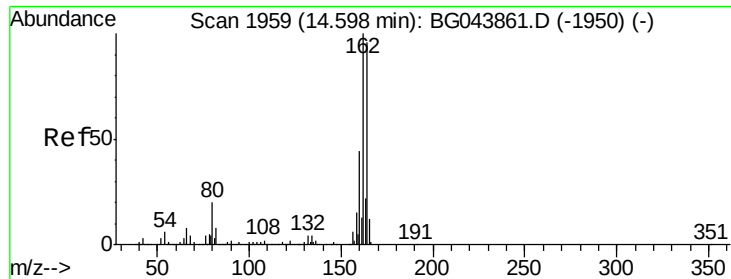
#23
Nitrobenzene-d5
Concen: 86.046 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.04 min
Lab File: BG044129.D
Acq: 21 Jan 2020 12:07

Tgt Ion: 82	Resp: 588289
Ion Ratio	Lower Upper
82 100	
128 46.1	35.1 52.7
54 48.0	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: BG044129.D

Acq: 21 Jan 2020 12:07

Instrument :

BNA_G

ClientSampleId :

AOC-9-NORTH

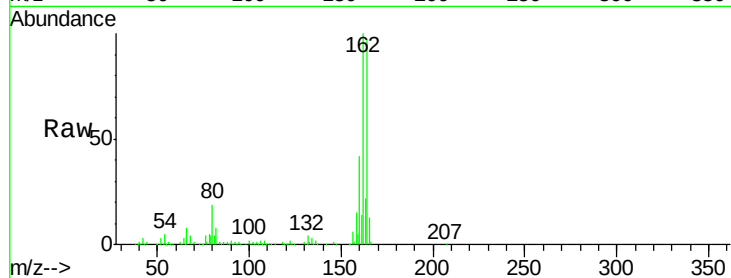
Tot Ion:164 Resp: 249116

Ion Ratio Lower Upper

164 100

162 102.6 83.0 124.4

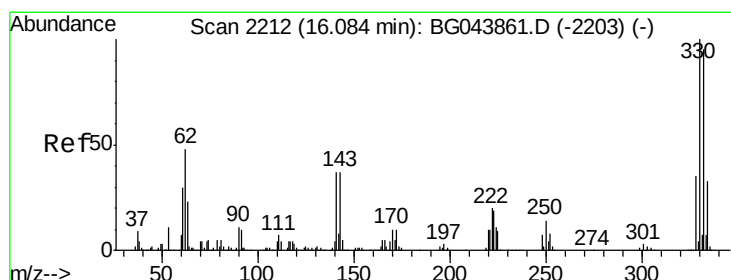
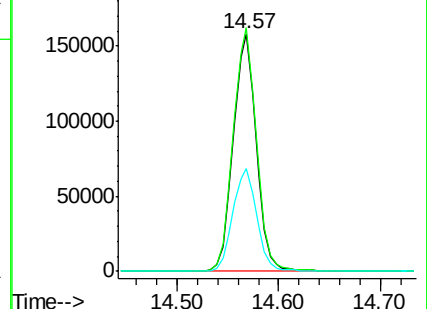
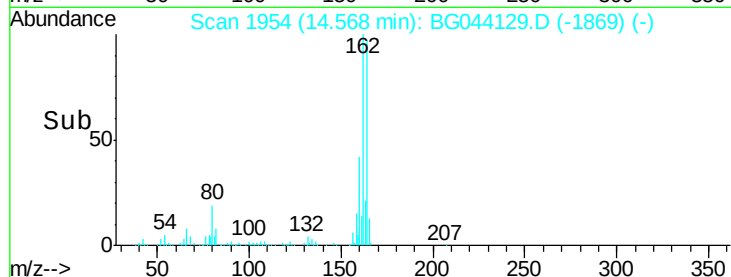
160 43.3 36.1 54.1



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: 150.268 ng

RT: 16.05 min Scan# 2207

Delta R.T. -0.03 min

Lab File: BG044129.D

Acq: 21 Jan 2020 12:07

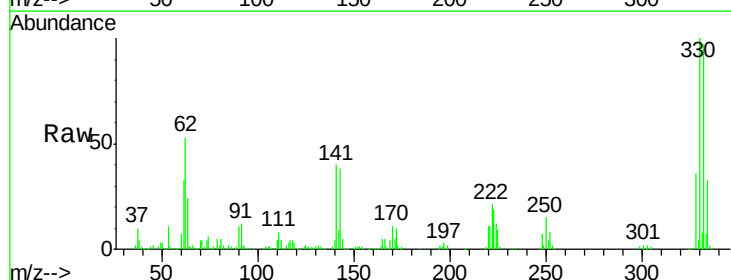
Tgt Ion:330 Resp: 391740

Ion Ratio Lower Upper

330 100

332 96.7 77.2 115.8

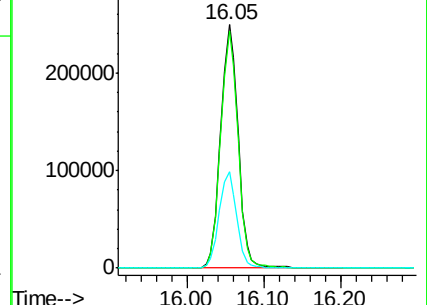
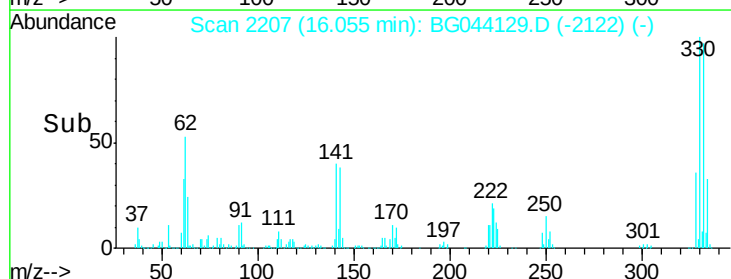
141 39.5 33.1 49.7

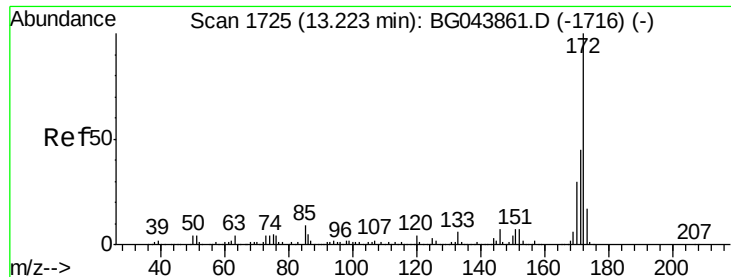


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

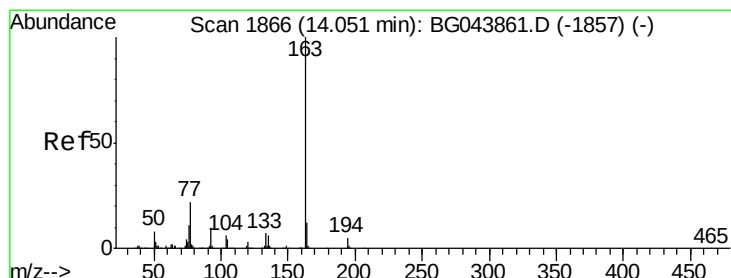
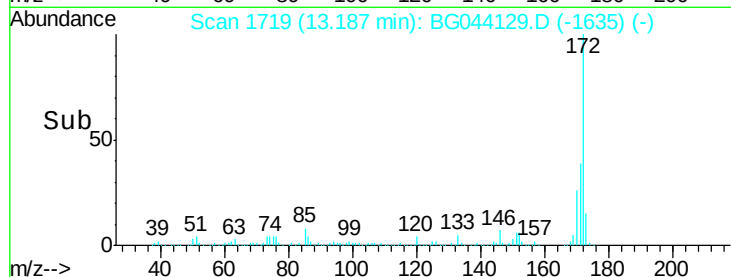
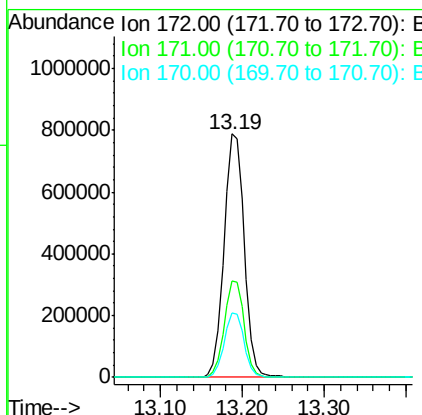
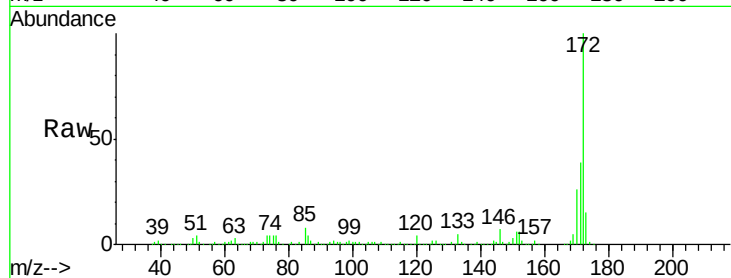




#45
2-Fluorobiphenyl
Concen: 98.460 ng
RT: 13.19 min Scan# 1719
Delta R.T. -0.04 min
Lab File: BG044129.D
Acq: 21 Jan 2020 12:07

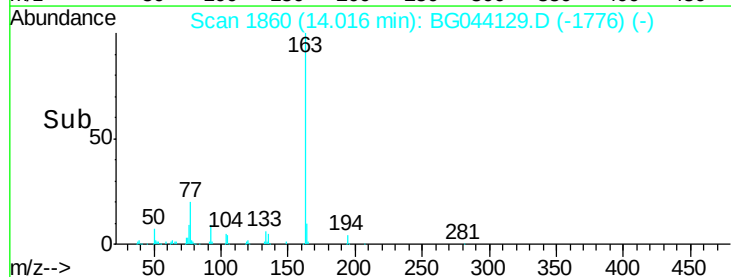
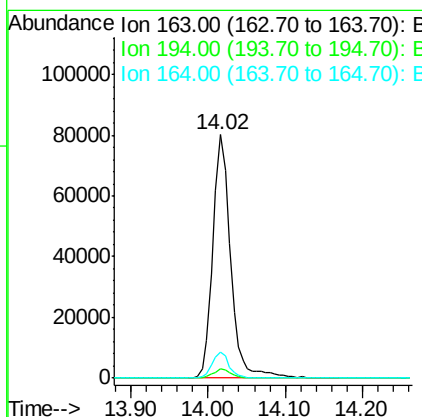
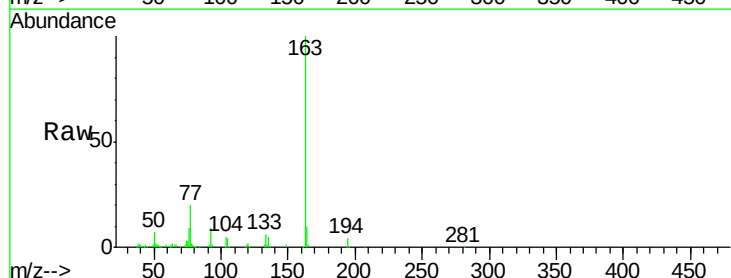
Instrument :
BNA_G
ClientSampleId :
AOC-9-NORTH

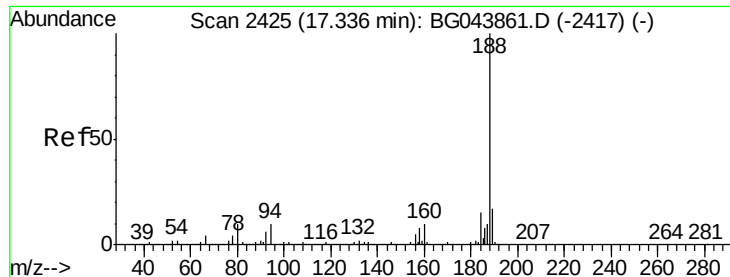
Tot Ion:172 Resp: 1353806
Ion Ratio Lower Upper
172 100
171 39.4 35.8 53.8
170 26.3 24.2 36.4



#50
Dimethylphthalate
Concen: 7.234 ng
RT: 14.02 min Scan# 1860
Delta R.T. -0.04 min
Lab File: BG044129.D
Acq: 21 Jan 2020 12:07

Tgt Ion:163 Resp: 127958
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: BG044129.D

Acq: 21 Jan 2020 12:07

Instrument :

BNA_G

ClientSampleId :

AOC-9-NORTH

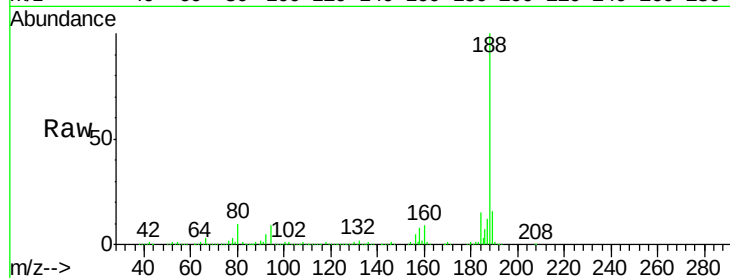
Tot Ion:188 Resp: 512912

Ion Ratio Lower Upper

188 100

94 8.8 7.9 11.9

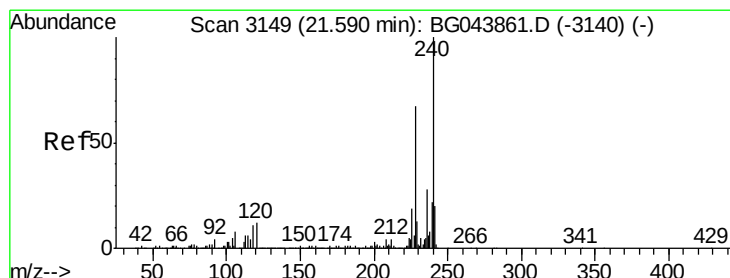
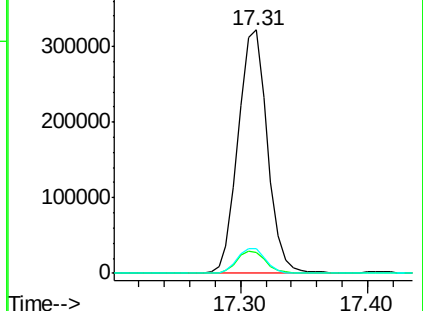
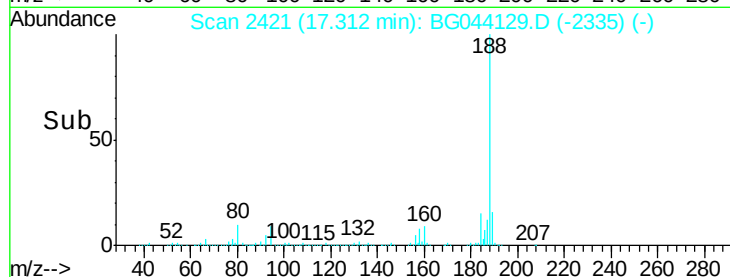
80 10.0 8.2 12.4



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: 21.55 min Scan# 3143

Delta R.T. -0.04 min

Lab File: BG044129.D

Acq: 21 Jan 2020 12:07

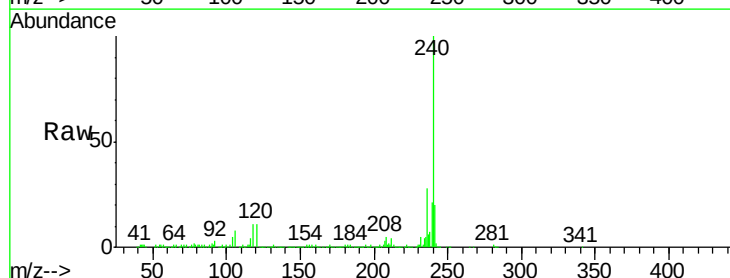
Tgt Ion:240 Resp: 431623

Ion Ratio Lower Upper

240 100

120 10.9 9.6 14.4

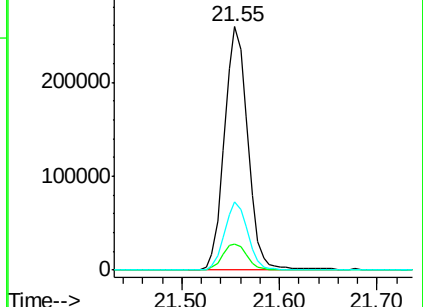
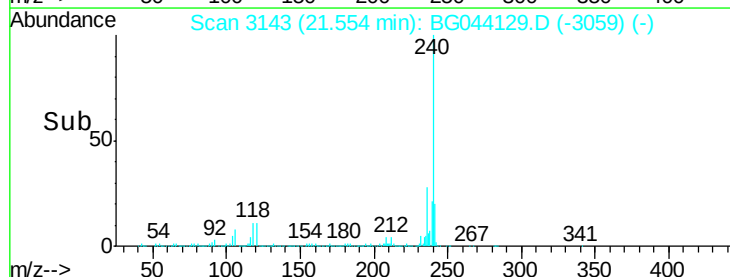
236 27.9 22.2 33.2

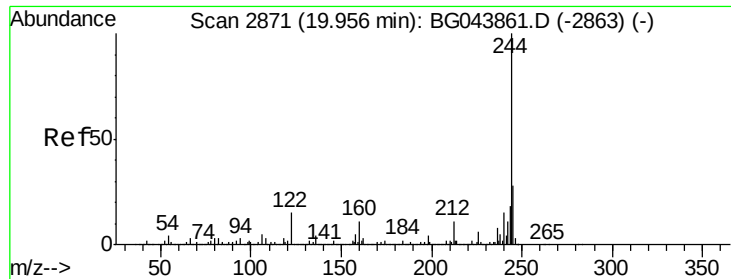


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 103.804 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.03 min

Lab File: BG044129.D

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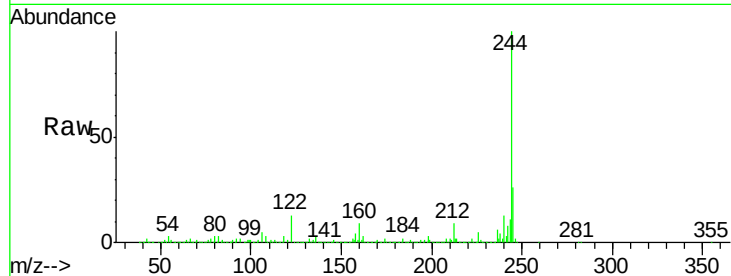
Tot Ion:244 Resp: 1756930

Ion Ratio Lower Upper

244 100

212 9.0 8.6 13.0

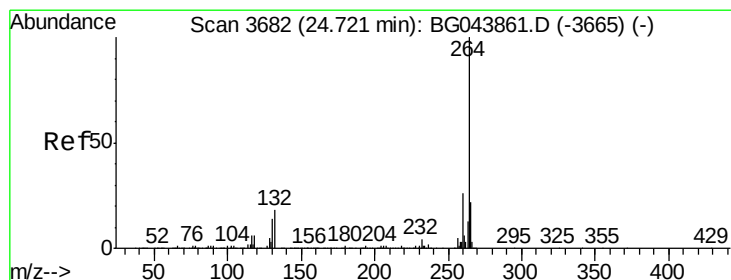
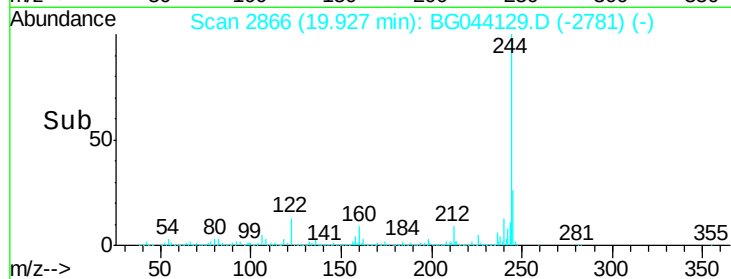
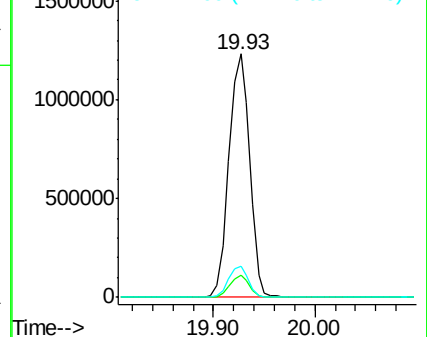
122 12.7 11.9 17.9



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: 24.66 min Scan# 3672

Delta R.T. -0.06 min

Lab File: BG044129.D

Acq: 21 Jan 2020 12:07

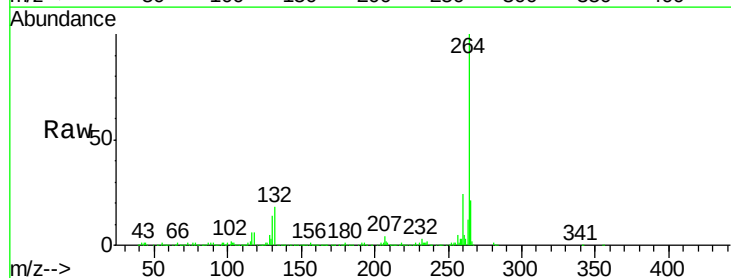
Tgt Ion:264 Resp: 482760

Ion Ratio Lower Upper

264 100

260 24.3 20.4 30.6

265 21.1 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

