

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011720\
 Data File : BG044085.D
 Acq On : 17 Jan 2020 21:55
 Operator : JU
 Sample : L1162-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-719

Quant Time: Jan 18 04:07:10 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

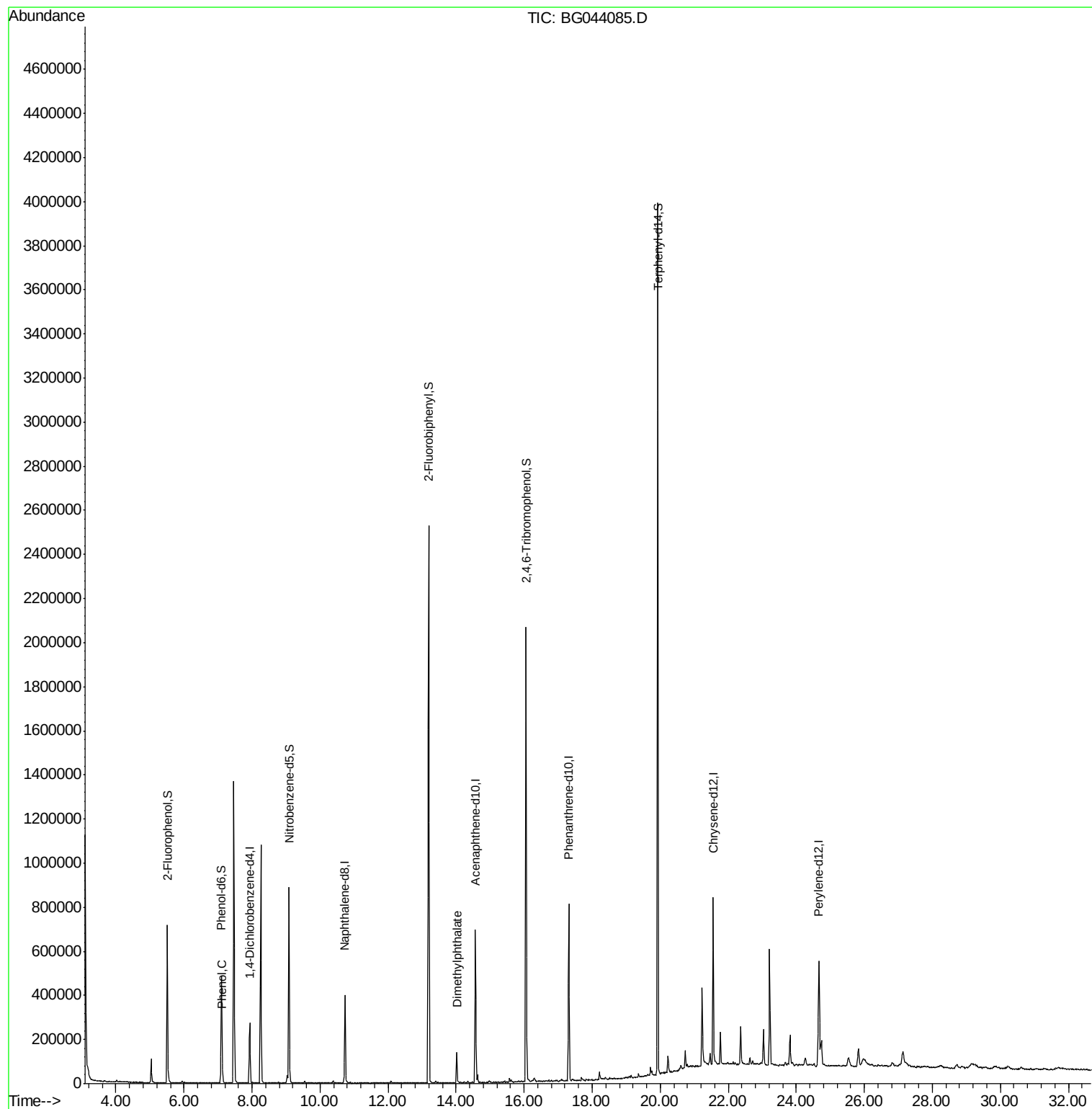
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	83259	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	370793	20.00	ng	-0.04
39) Acenaphthene-d10	14.57	164	253504	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	507643	20.00	ng	-0.02
76) Chrysene-d12	21.56	240	424447	20.00	ng	-0.03
87) Perylene-d12	24.67	264	482404	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	363255	80.11	ng	-0.03
7) Phenol-d6	7.10	99	317470	50.09	ng	-0.02
23) Nitrobenzene-d5	9.09	82	576077	83.11	ng	-0.04
42) 2,4,6-Tribromophenol	16.06	330	396169	149.34	ng	-0.02
45) 2-Fluorobiphenyl	13.19	172	1358201	97.07	ng	-0.03
79) Terphenyl-d14	19.93	244	1830298	112.84	ng	-0.03
Target Compounds						
10) Phenol	7.13	94	33482	5.127	ng	98
50) Dimethylphthalate	14.02	163	104369	5.798	ng	96

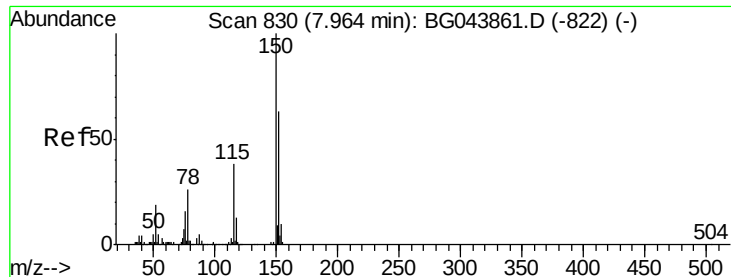
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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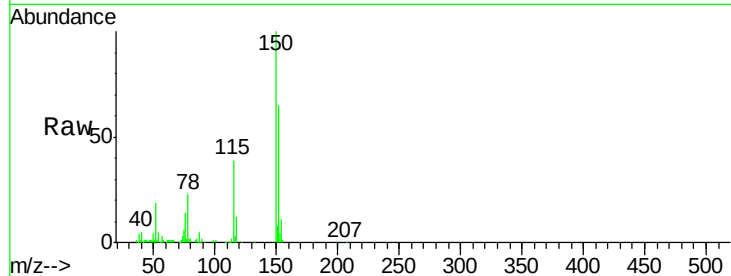


#1

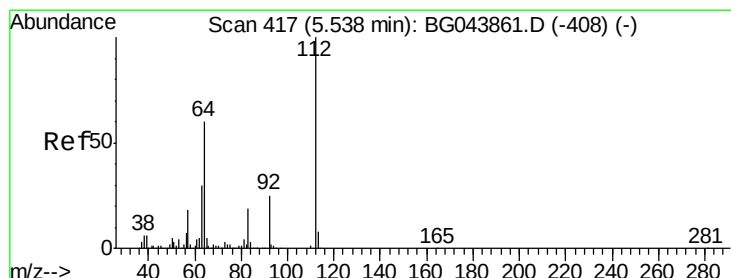
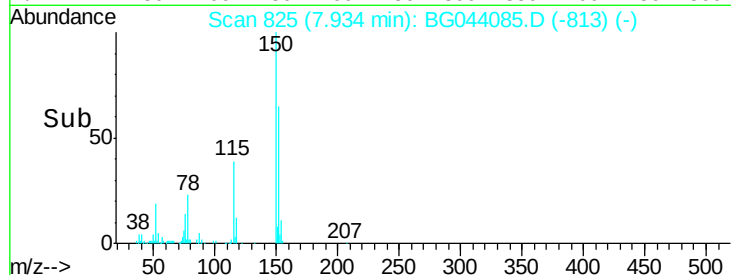
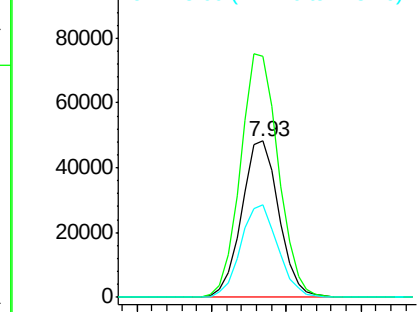
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 825
Delta R.T. -0.03 min
Lab File: BG044085.D
Acq: 17 Jan 2020 21:55

Instrument :
BNA_G
ClientSampleId :
MH-719

Tot Ion:152 Resp: 83259
Ion Ratio Lower Upper
152 100
150 154.8 127.0 190.4
115 59.7 47.8 71.8



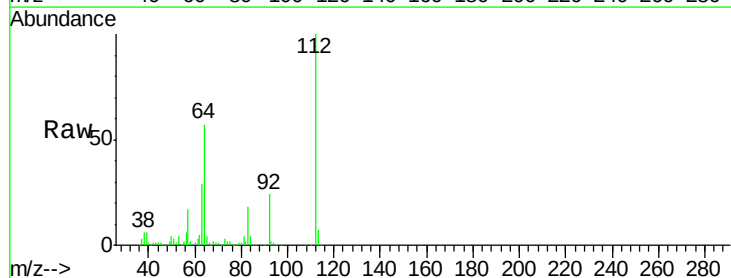
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



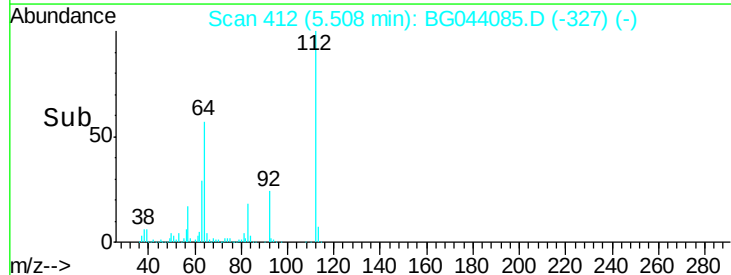
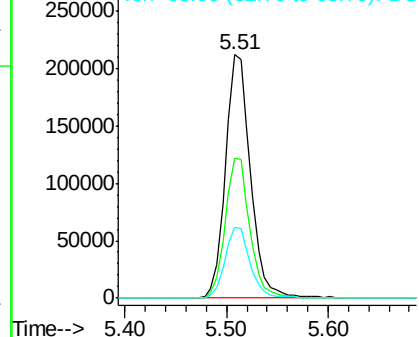
#5

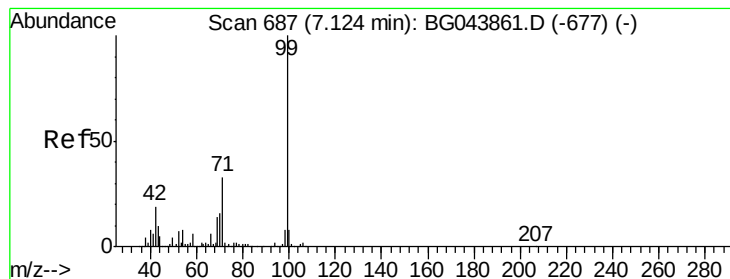
2-Fluorophenol
Concen: 80.109 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044085.D
Acq: 17 Jan 2020 21:55

Tgt Ion:112 Resp: 363255
Ion Ratio Lower Upper
112 100
64 57.5 47.8 71.6
63 29.1 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: 50.087 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

Lab File: BG044085.D

Acq: 17 Jan 2020 21:55

Instrument :

BNA_G

ClientSampleId :

MH-719

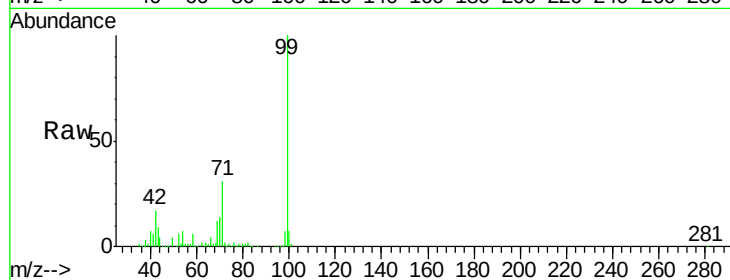
Tot Ion: 99 Resp: 317470

Ion Ratio Lower Upper

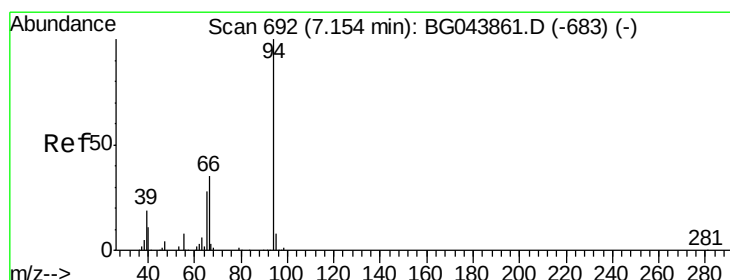
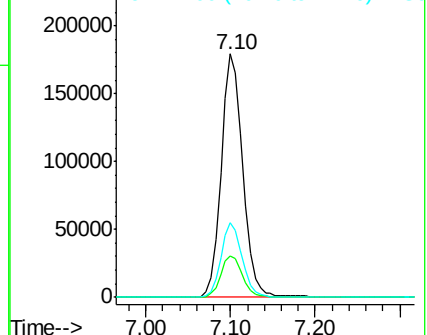
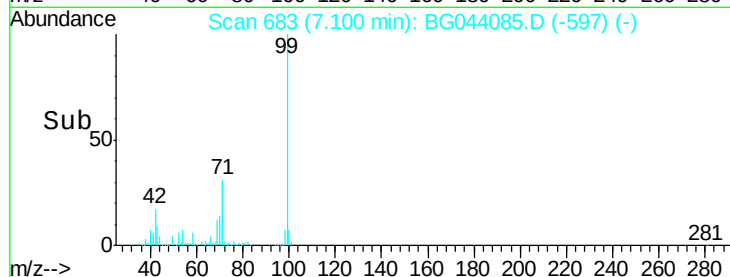
99 100

42 17.0 14.9 22.3

71 30.8 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: 5.127 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.02 min

Lab File: BG044085.D

Acq: 17 Jan 2020 21:55

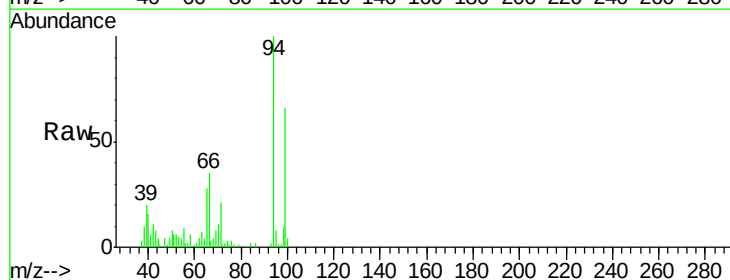
Tgt Ion: 94 Resp: 33482

Ion Ratio Lower Upper

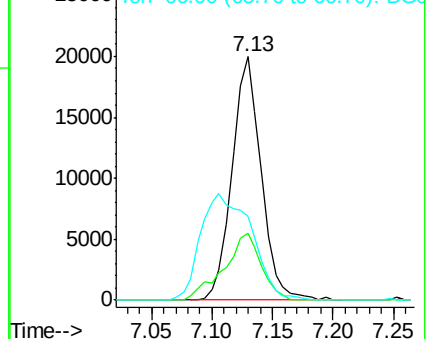
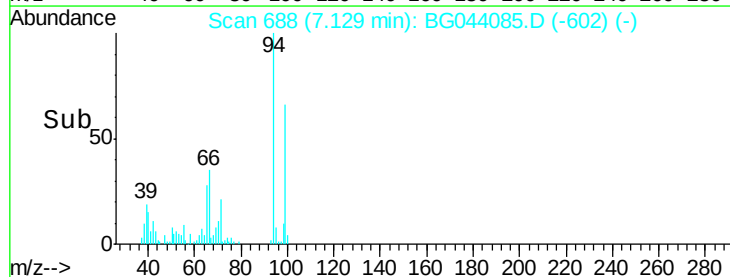
94 100

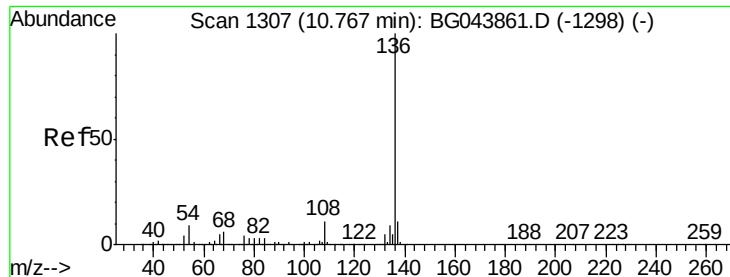
65 27.5 8.1 48.1

66 34.5 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

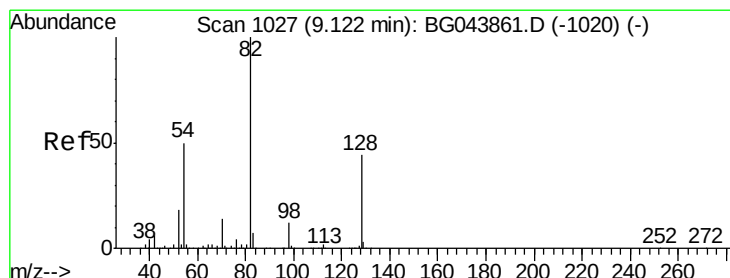
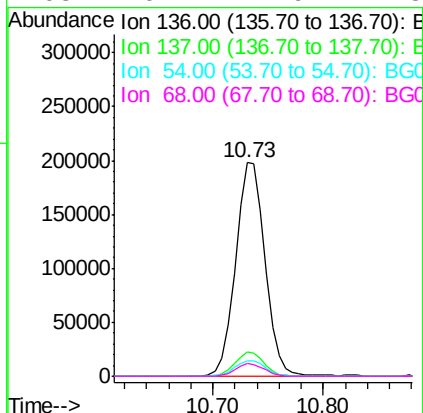
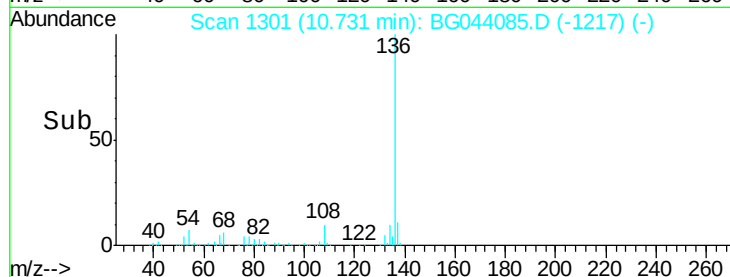
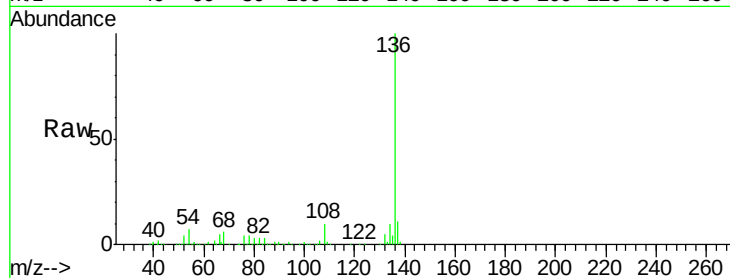




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.04 min
Lab File: BG044085.D
Acq: 17 Jan 2020 21:55

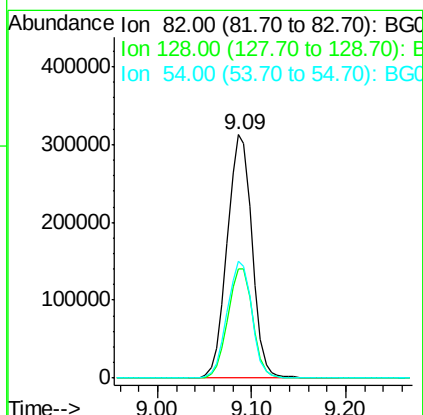
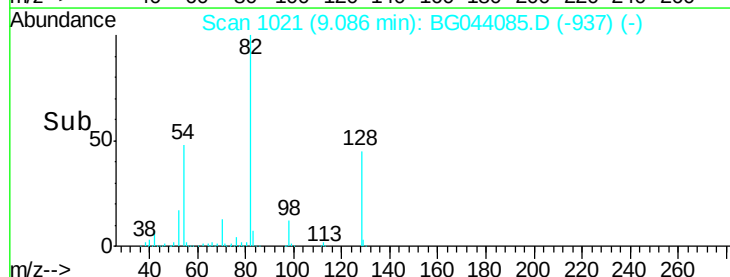
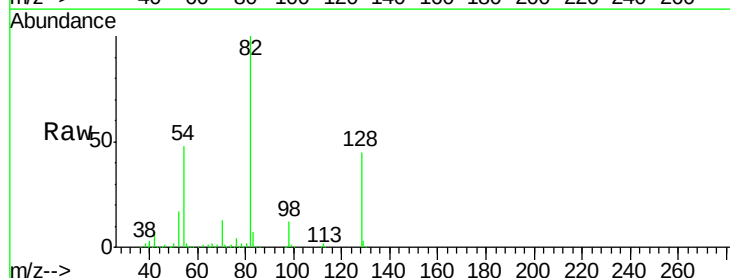
Instrument :
BNA_G
ClientSampleId :
MH-719

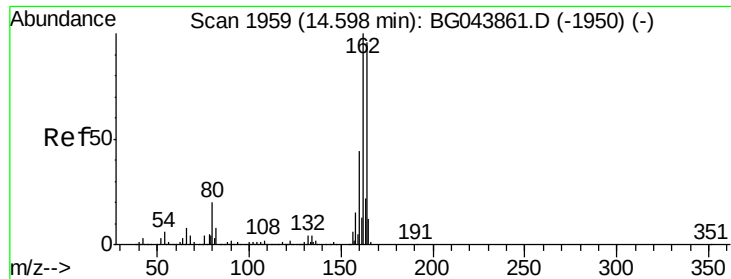
Tot Ion:136	Resp:	370793
Ion Ratio	Lower	Upper
136 100		
137 11.4	8.8	13.2
54 7.5	7.0	10.4
68 6.2	4.9	7.3



#23
Nitrobenzene-d5
Concen: 83.113 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.04 min
Lab File: BG044085.D
Acq: 17 Jan 2020 21:55

Tgt Ion: 82	Resp: 576077
Ion Ratio	Lower Upper
82 100	
128 45.0	35.1 52.7
54 48.1	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: BG044085.D

Acq: 17 Jan 2020 21:55

Instrument :

BNA_G

ClientSampleId :

MH-719

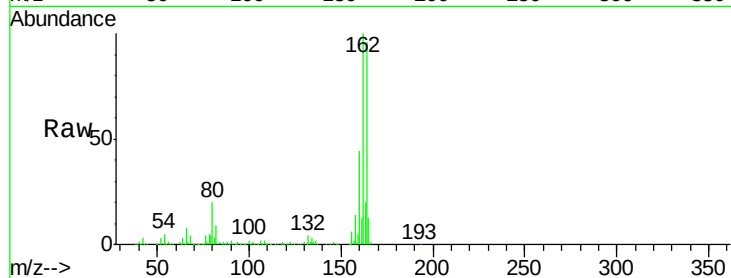
Tot Ion:164 Resp: 253504

Ion Ratio Lower Upper

164 100

162 103.9 83.0 124.4

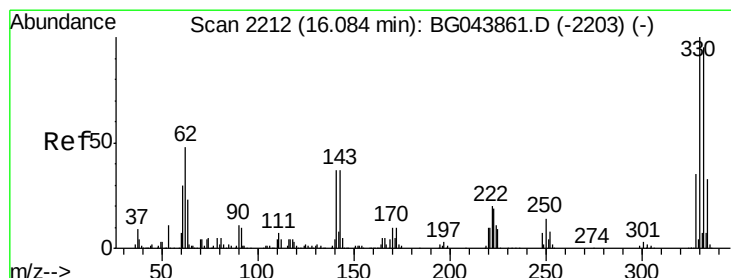
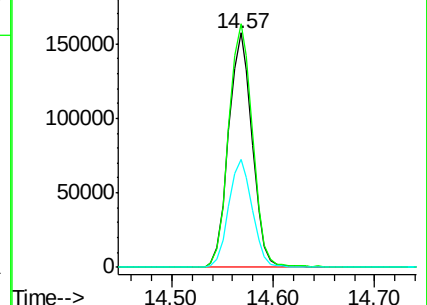
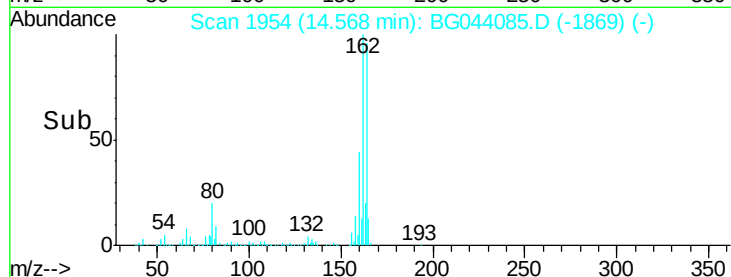
160 46.1 36.1 54.1



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: 149.336 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.02 min

Lab File: BG044085.D

Acq: 17 Jan 2020 21:55

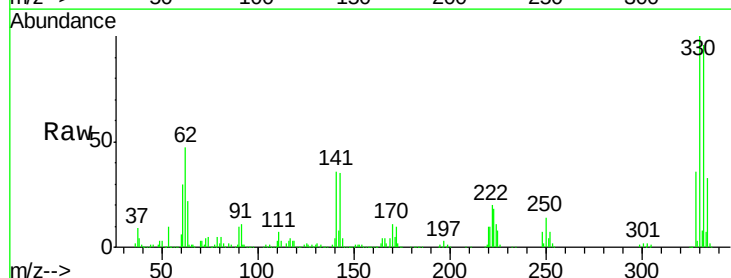
Tgt Ion:330 Resp: 396169

Ion Ratio Lower Upper

330 100

332 97.0 77.2 115.8

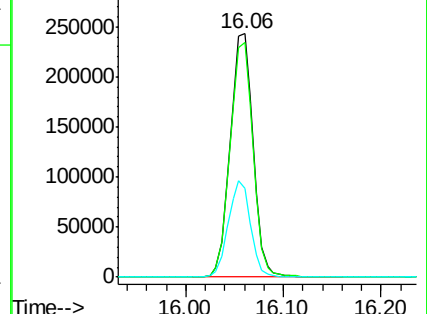
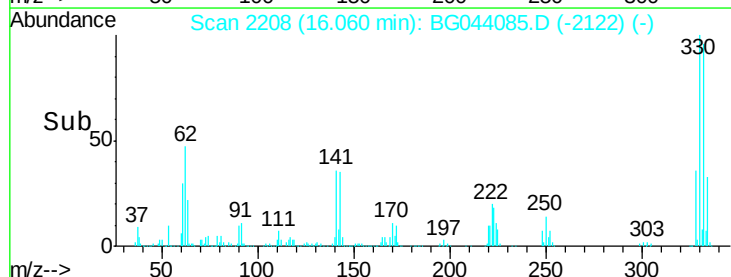
141 38.3 33.1 49.7

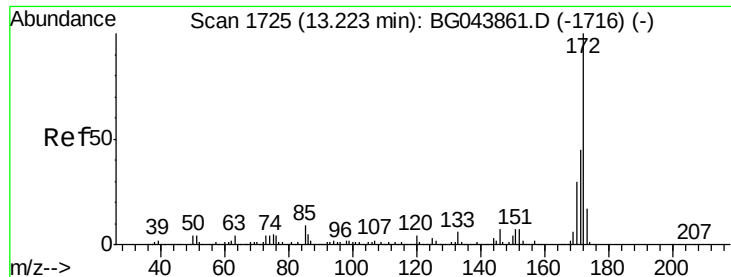


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

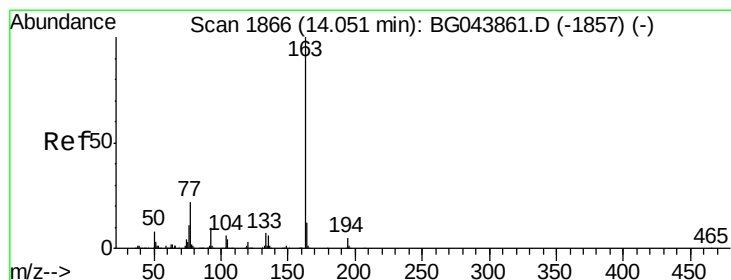
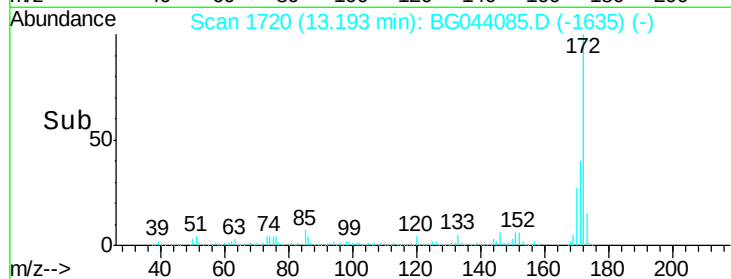
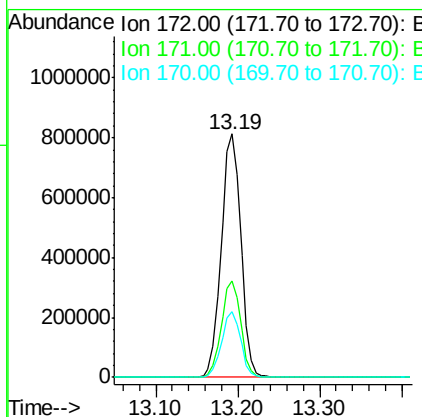
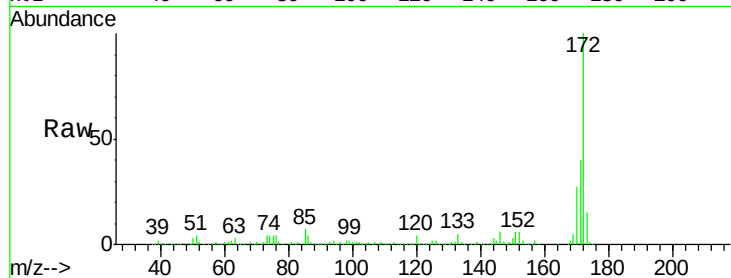




#45
2-Fluorobiphenyl
Concen: 97.069 ng
RT: 13.19 min Scan# 1720
Delta R.T. -0.03 min
Lab File: BG044085.D
Acq: 17 Jan 2020 21:55

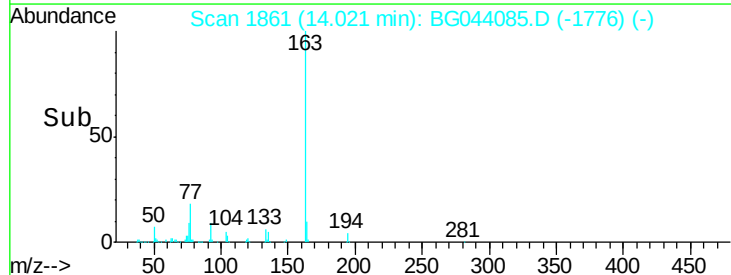
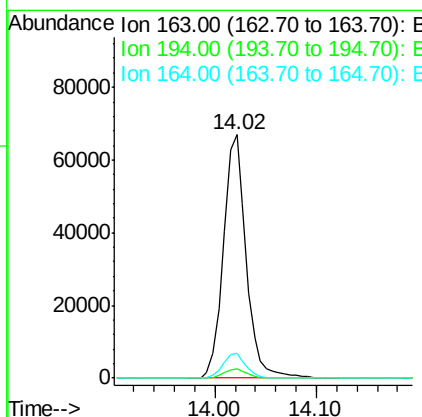
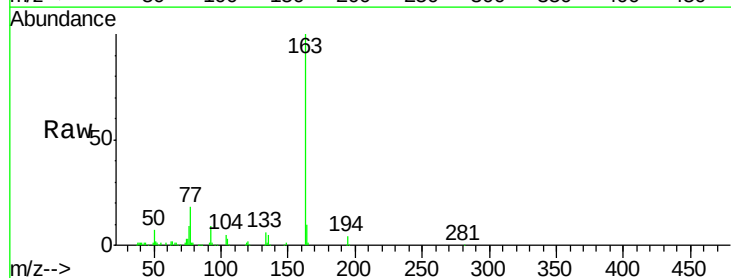
Instrument :
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ClientSampleId :
MH-719

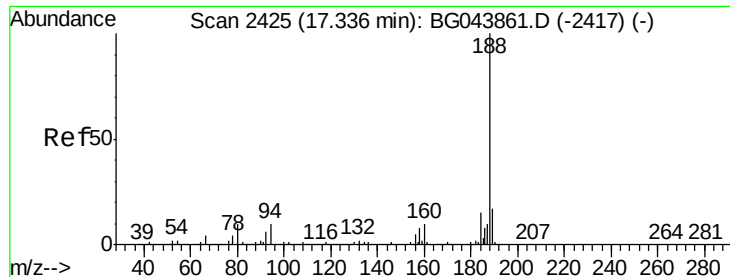
Tot Ion:172 Resp: 1358201
Ion Ratio Lower Upper
172 100
171 39.7 35.8 53.8
170 27.0 24.2 36.4



#50
Dimethylphthalate
Concen: 5.798 ng
RT: 14.02 min Scan# 1861
Delta R.T. -0.03 min
Lab File: BG044085.D
Acq: 17 Jan 2020 21:55

Tgt Ion:163 Resp: 104369
Ion Ratio Lower Upper
163 100
194 3.8 3.7 5.5
164 10.0 9.3 13.9

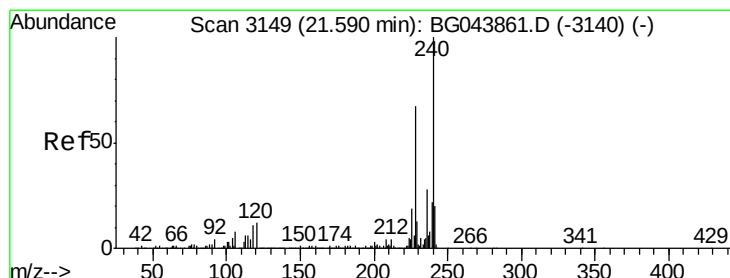
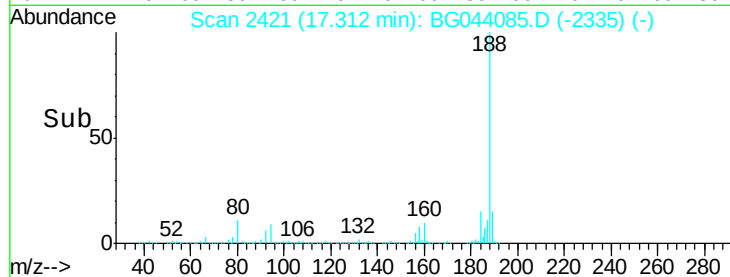
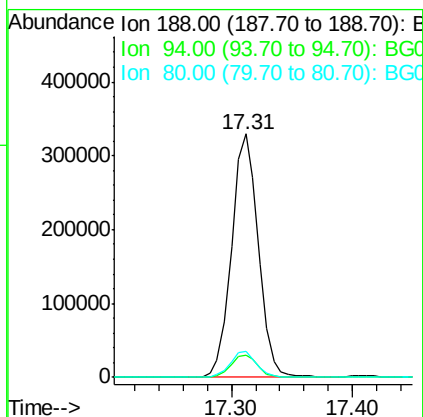
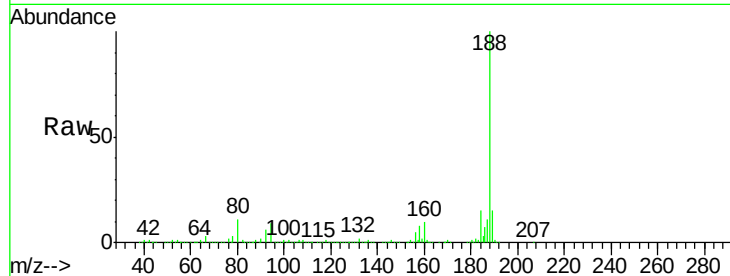




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2421
Delta R.T. -0.02 min
Lab File: BG044085.D
Acq: 17 Jan 2020 21:55

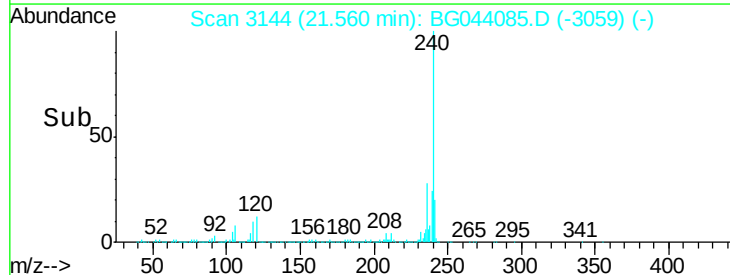
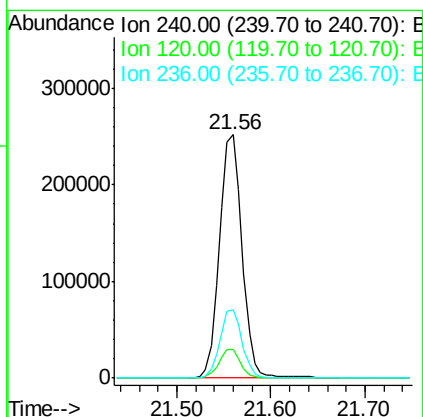
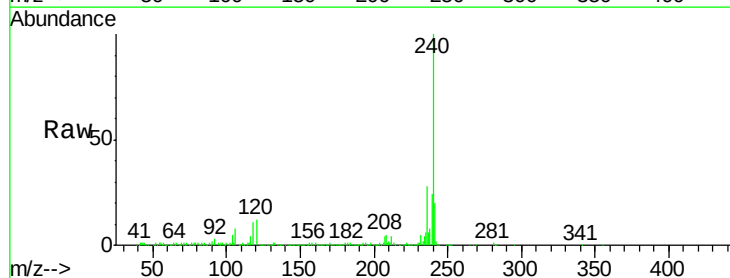
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BNA_G
ClientSampleId :
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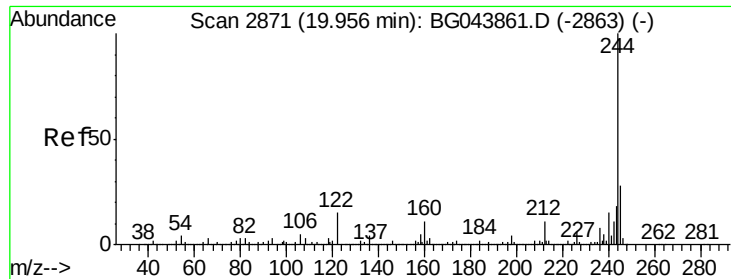
Tot Ion:188 Resp: 507643
Ion Ratio Lower Upper
188 100
94 8.9 7.9 11.9
80 10.6 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.03 min
Lab File: BG044085.D
Acq: 17 Jan 2020 21:55

Tgt Ion:240 Resp: 424447
Ion Ratio Lower Upper
240 100
120 11.9 9.6 14.4
236 27.9 22.2 33.2





#79

Terphenyl-d14

Concen: 112.839 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.03 min

Lab File: BG044085.D

Acq: 17 Jan 2020 21:55

Instrument :

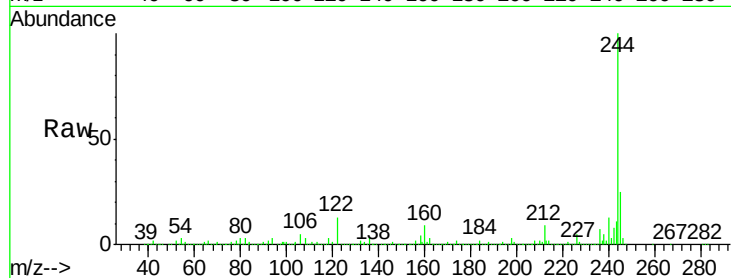
BNA_G

ClientSampleId :

MH-719

Tot Ion:244 Resp: 1830298

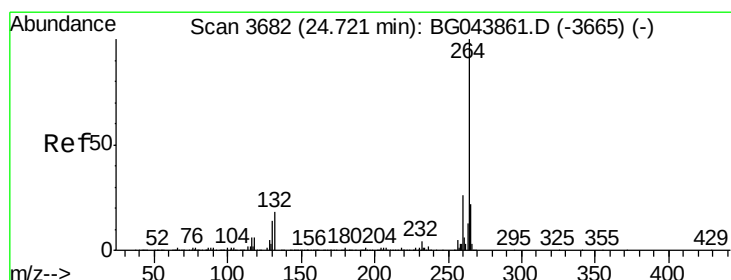
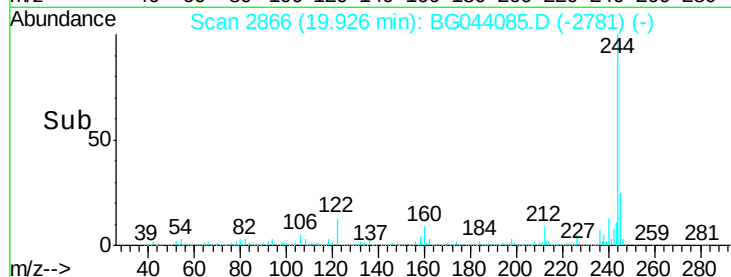
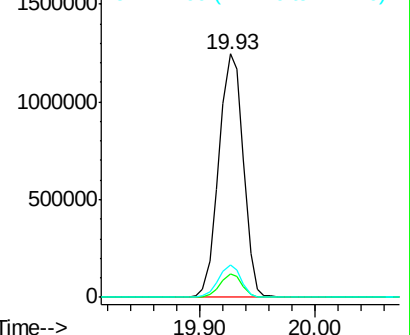
Ion	Ratio	Lower	Upper
244	100		
212	9.4	8.6	13.0
122	13.4	11.9	17.9



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: 24.67 min Scan# 3673

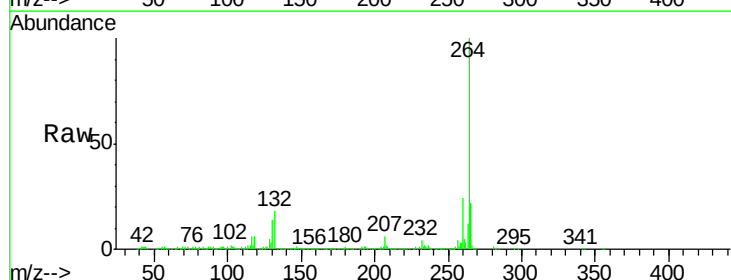
Delta R.T. -0.05 min

Lab File: BG044085.D

Acq: 17 Jan 2020 21:55

Tgt Ion:264 Resp: 482404

Ion	Ratio	Lower	Upper
264	100		
260	24.1	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

