

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
 Data File : BG044120.D
 Acq On : 21 Jan 2020 6:16
 Operator : JU
 Sample : L1176-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EP-2

Quant Time: Jan 21 07:43:51 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

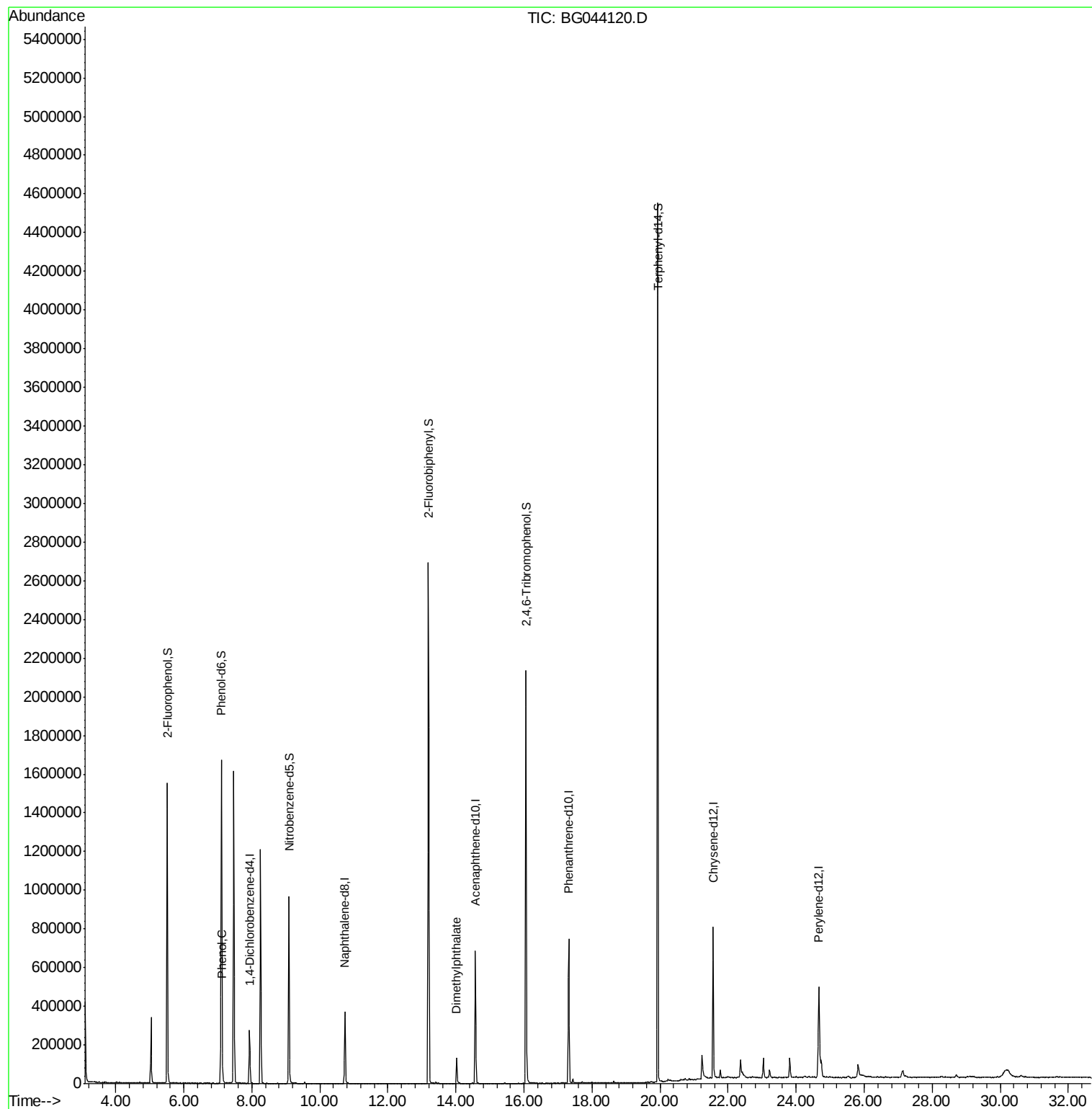
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	80619	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	352912	20.00	ng	-0.03
39) Acenaphthene-d10	14.57	164	247352	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	510964	20.00	ng	-0.03
76) Chrysene-d12	21.56	240	440873	20.00	ng	-0.03
87) Perylene-d12	24.67	264	480322	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	739232	168.36	ng	-0.03
7) Phenol-d6	7.10	99	1072882	174.81	ng	-0.02
23) Nitrobenzene-d5	9.09	82	623338	94.49	ng	-0.03
42) 2,4,6-Tribromophenol	16.06	330	411820	159.10	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1451368	106.31	ng	-0.03
79) Terphenyl-d14	19.93	244	2003045	121.98	ng	-0.03
Target Compounds						
10) Phenol	7.13	94	41577	6.575	ng	Qvalue 96
50) Dimethylphthalate	14.02	163	106768	6.079	ng	# 97

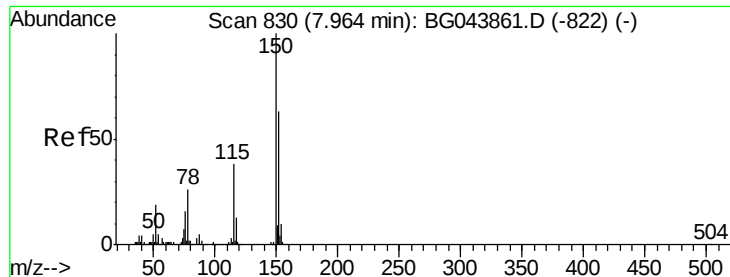
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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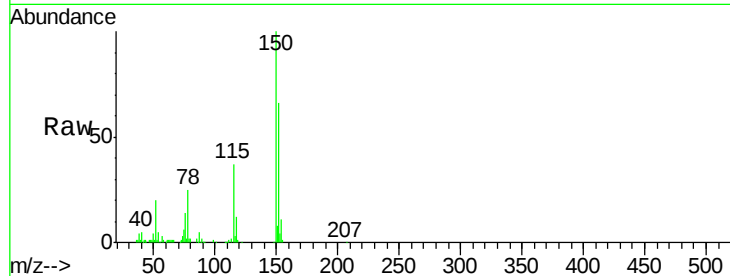


#1

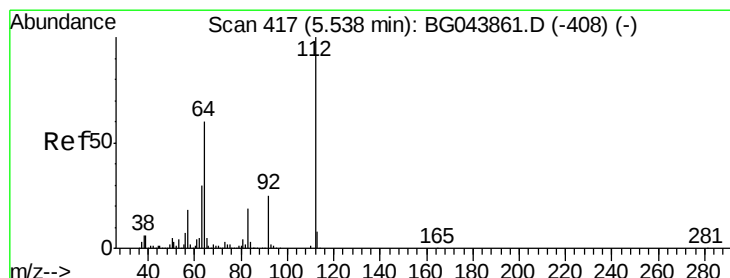
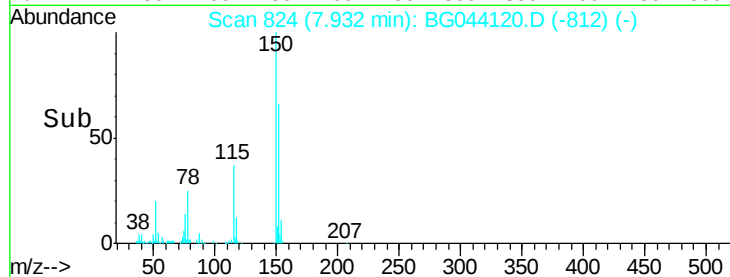
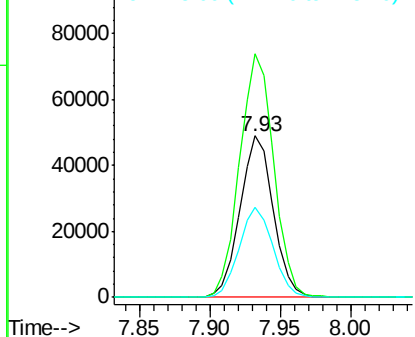
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG044120.D
Acq: 21 Jan 2020 6:16

Instrument :
BNA_G
ClientSampleId :
EP-2

Tot Ion:152 Resp: 80619
Ion Ratio Lower Upper
152 100
150 150.7 127.0 190.4
115 55.7 47.8 71.8



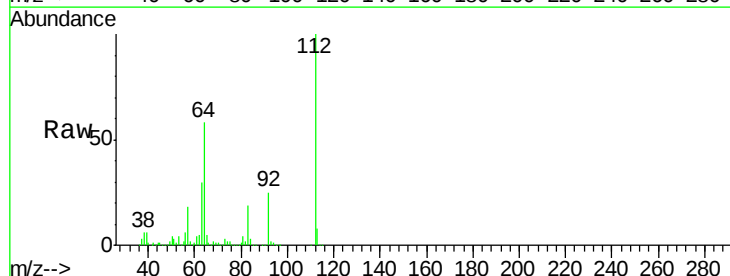
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



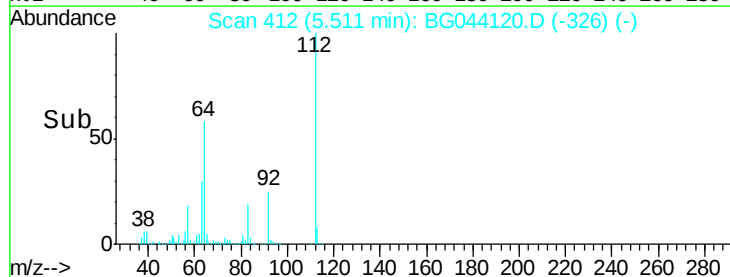
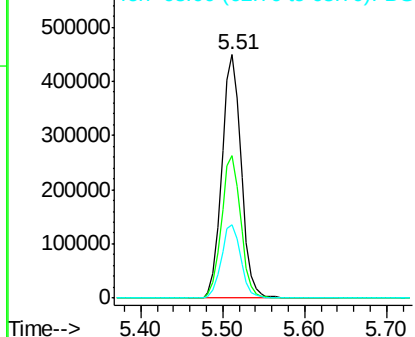
#5

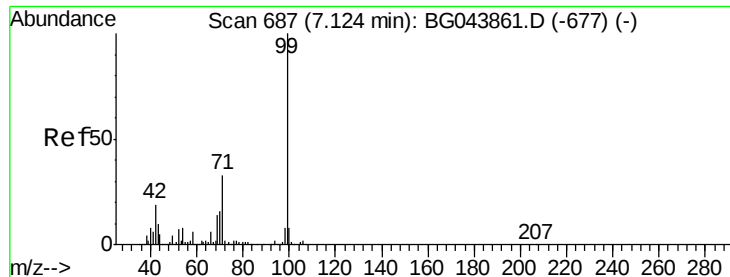
2-Fluorophenol
Concen: 168.362 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044120.D
Acq: 21 Jan 2020 6:16

Tgt Ion:112 Resp: 739232
Ion Ratio Lower Upper
112 100
64 58.3 47.8 71.6
63 30.4 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: 174.809 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

Lab File: BG044120.D

Acq: 21 Jan 2020 6:16

Instrument :

BNA_G

ClientSampled :

EP-2

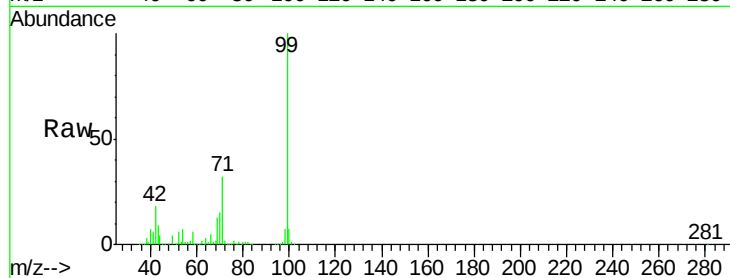
Tot Ion: 99 Resp: 1072882

Ion Ratio Lower Upper

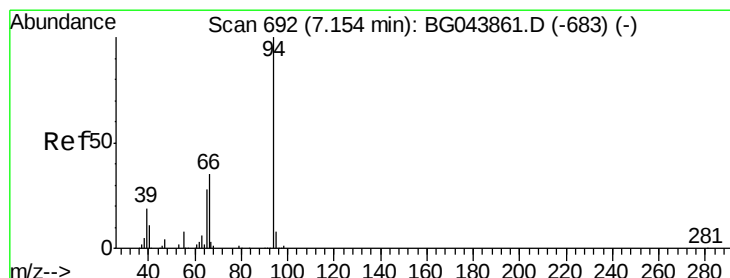
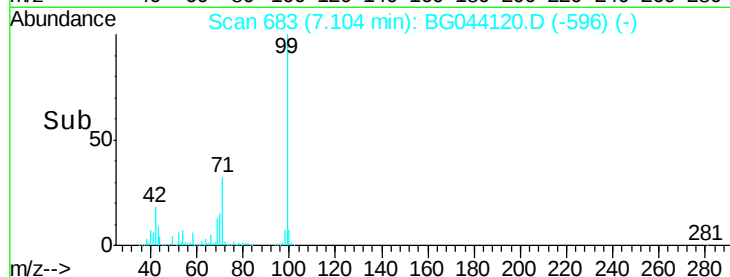
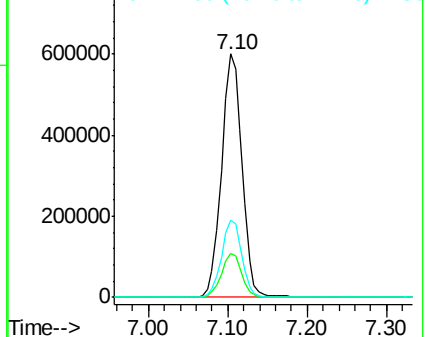
99 100

42 18.2 14.9 22.3

71 31.7 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: 6.575 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.02 min

Lab File: BG044120.D

Acq: 21 Jan 2020 6:16

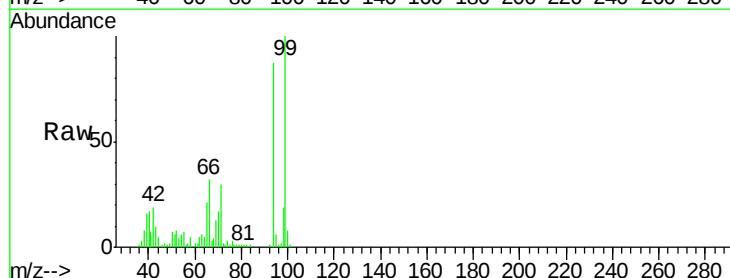
Tgt Ion: 94 Resp: 41577

Ion Ratio Lower Upper

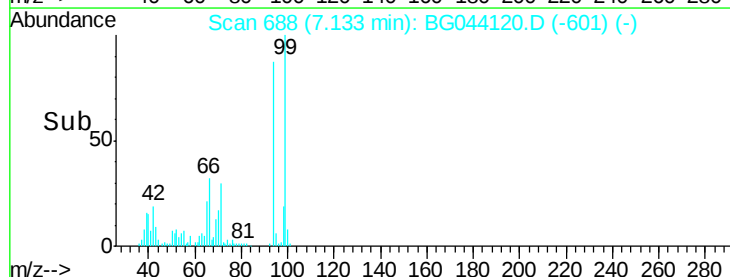
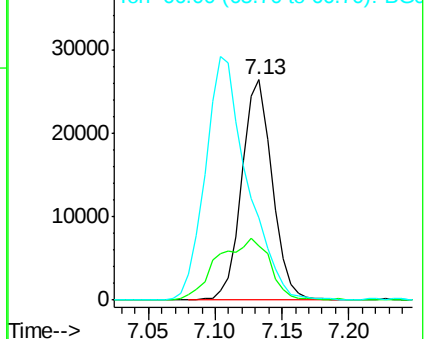
94 100

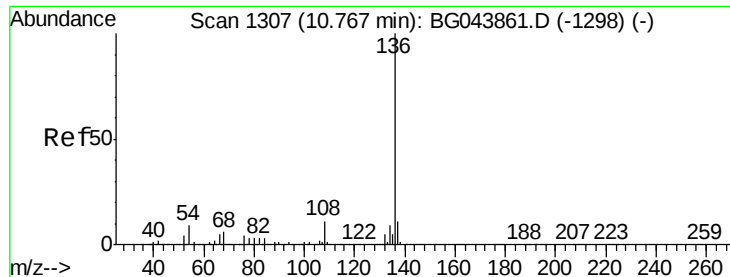
65 24.6 8.1 48.1

66 37.1 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

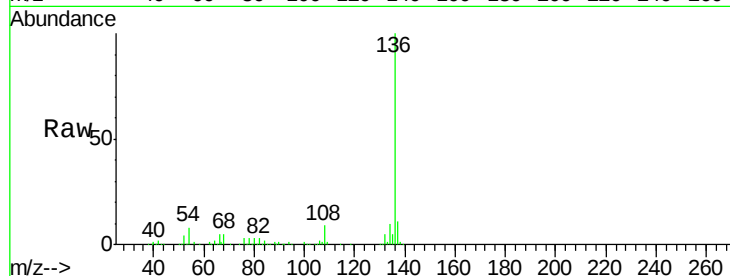




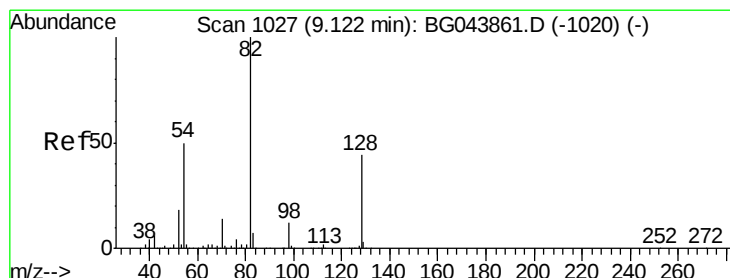
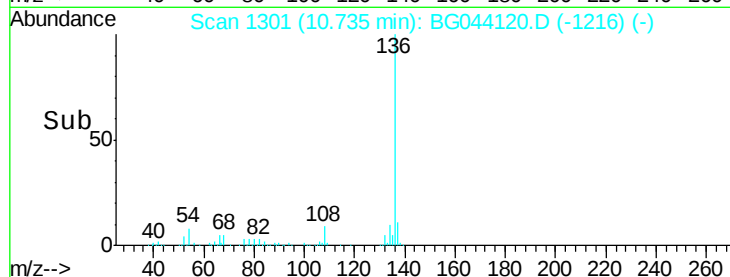
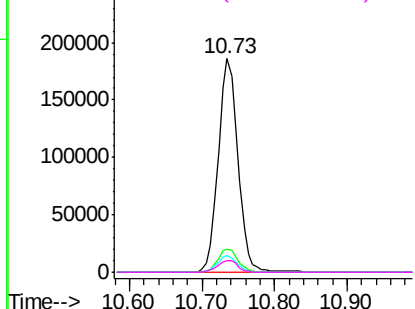
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.03 min
Lab File: BG044120.D
Acq: 21 Jan 2020 6:16

Instrument :
BNA_G
ClientSampleId :
EP-2

Tot Ion:136	Resp:	352912
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.8 13.2
54	7.6	7.0 10.4
68	5.3	4.9 7.3

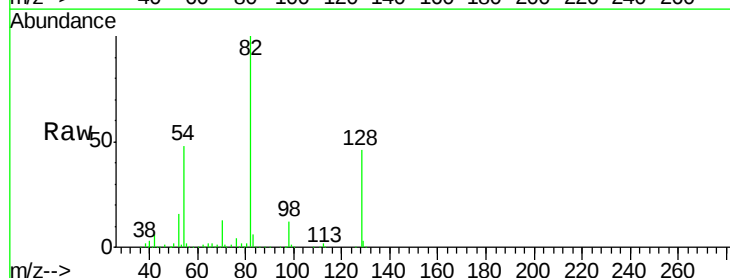


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

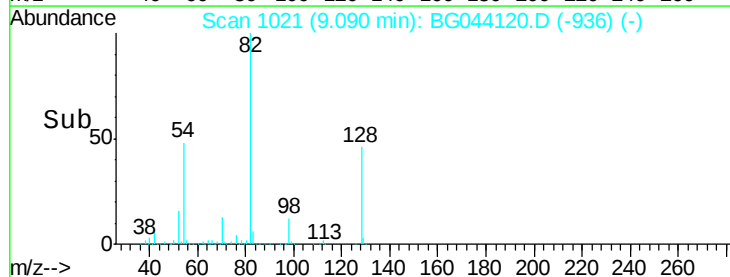
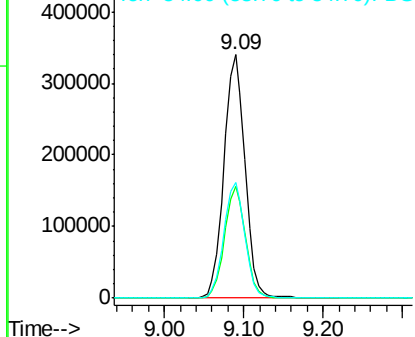


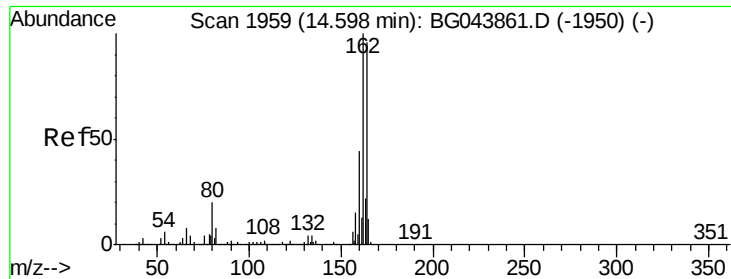
#23
Nitrobenzene-d5
Concen: 94.488 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.03 min
Lab File: BG044120.D
Acq: 21 Jan 2020 6:16

Tgt Ion: 82	Resp:	623338
Ion	Ratio	Lower Upper
82	100	
128	46.0	35.1 52.7
54	47.6	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: BG044120.D

Acq: 21 Jan 2020 6:16

Instrument :

BNA_G

ClientSampleId :

EP-2

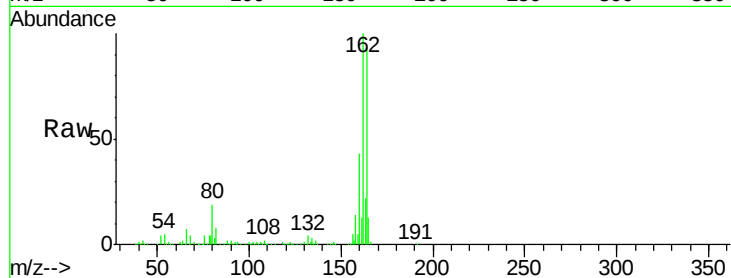
Tot Ion:164 Resp: 247352

Ion Ratio Lower Upper

164 100

162 107.6 83.0 124.4

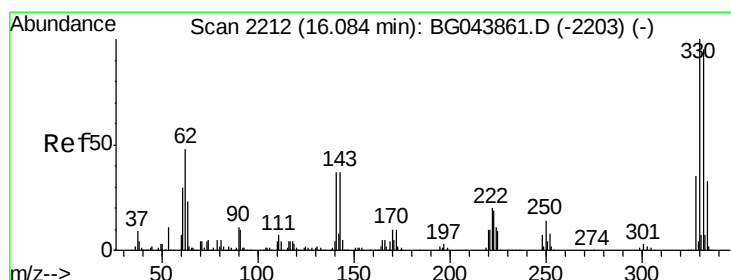
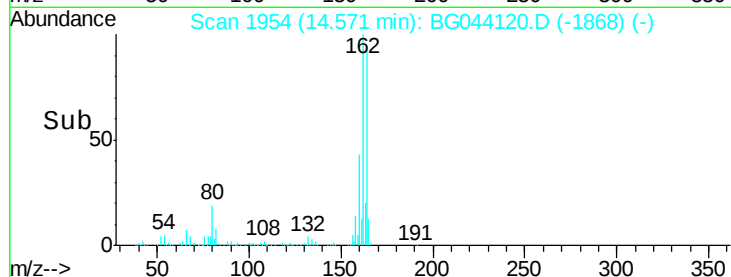
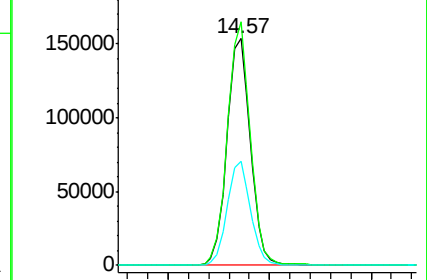
160 46.3 36.1 54.1



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: 159.097 ng

RT: 16.06 min Scan# 2207

Delta R.T. -0.03 min

Lab File: BG044120.D

Acq: 21 Jan 2020 6:16

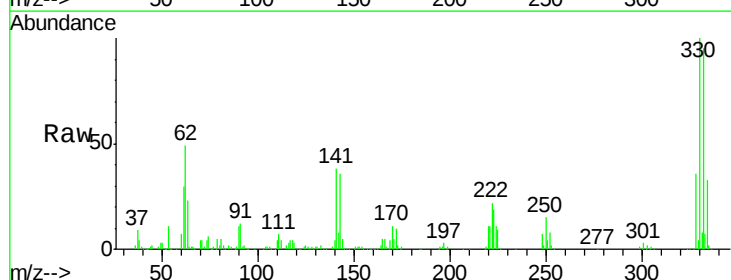
Tgt Ion:330 Resp: 411820

Ion Ratio Lower Upper

330 100

332 96.7 77.2 115.8

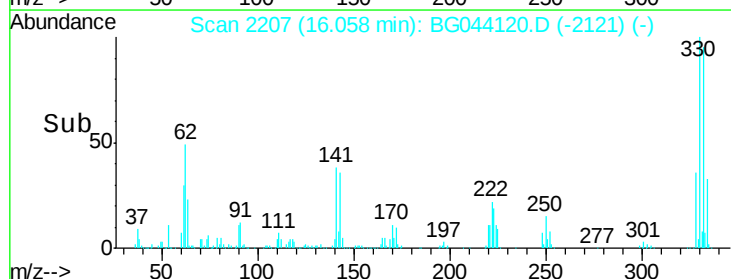
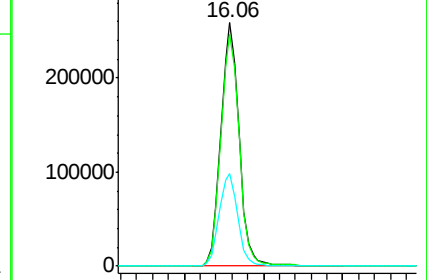
141 38.8 33.1 49.7

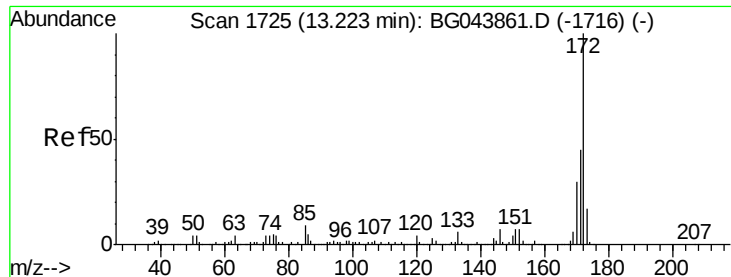


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

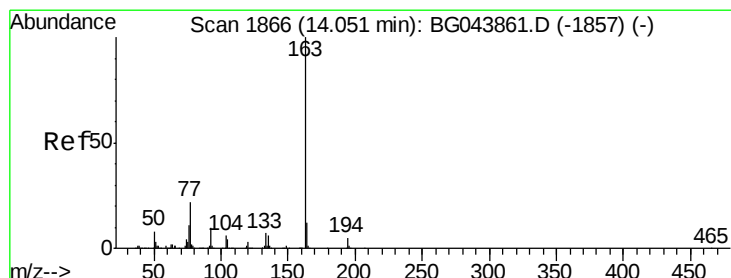
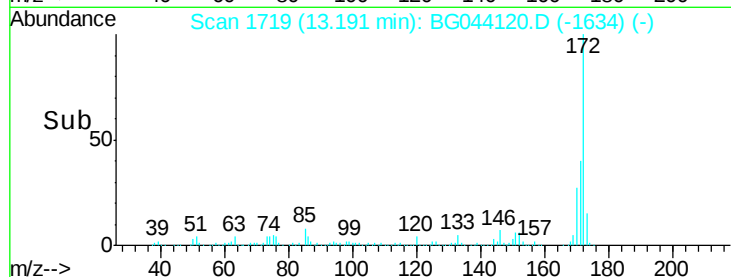
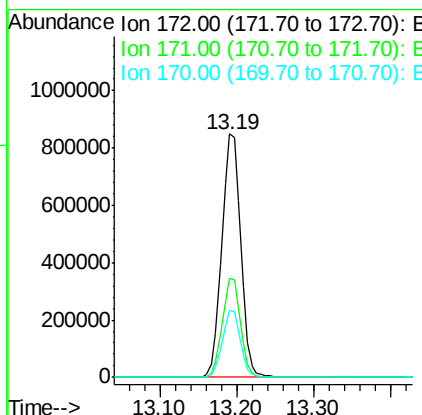
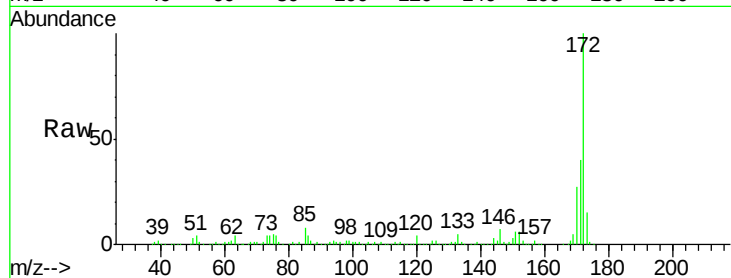




#45
2-Fluorobiphenyl
Concen: 106.308 ng
RT: 13.19 min Scan# 1719
Delta R.T. -0.03 min
Lab File: BG044120.D
Acq: 21 Jan 2020 6:16

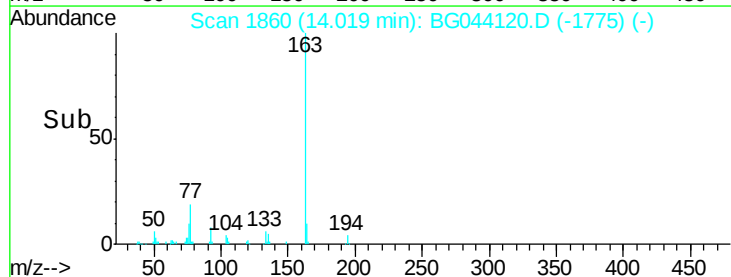
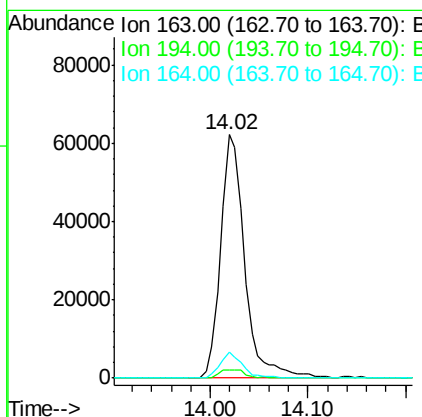
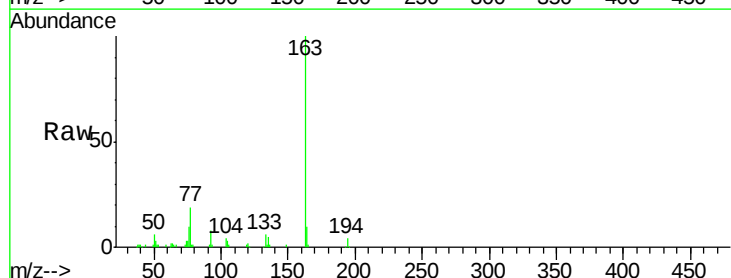
Instrument :
BNA_G
ClientSampled :
EP-2

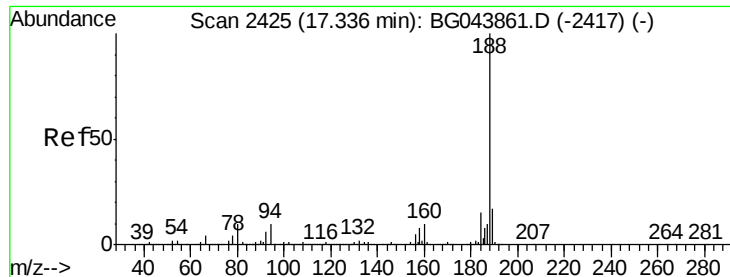
Tot Ion:172 Resp: 1451368
Ion Ratio Lower Upper
172 100
171 40.5 35.8 53.8
170 27.3 24.2 36.4



#50
Dimethylphthalate
Concen: 6.079 ng
RT: 14.02 min Scan# 1860
Delta R.T. -0.03 min
Lab File: BG044120.D
Acq: 21 Jan 2020 6:16

Tgt Ion:163 Resp: 106768
Ion Ratio Lower Upper
163 100
194 3.6 3.7 5.5#
164 10.5 9.3 13.9

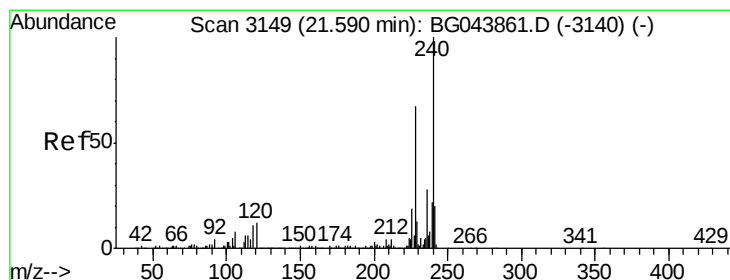
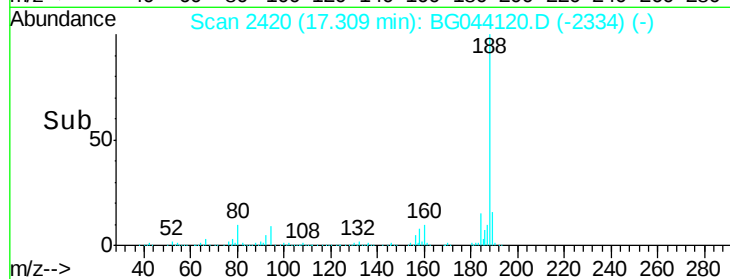
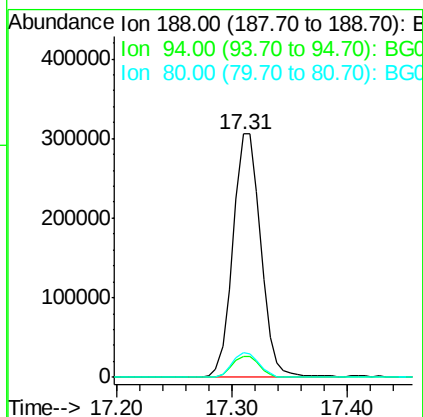
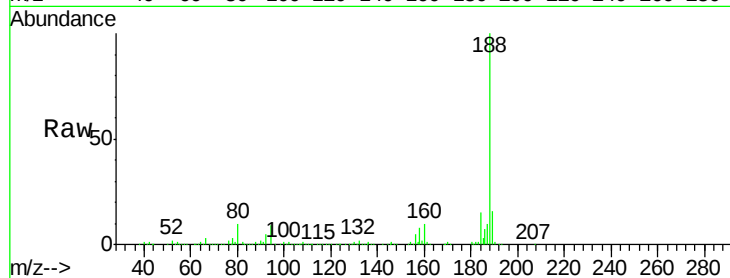




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2420
Delta R.T. -0.03 min
Lab File: BG044120.D
Acq: 21 Jan 2020 6:16

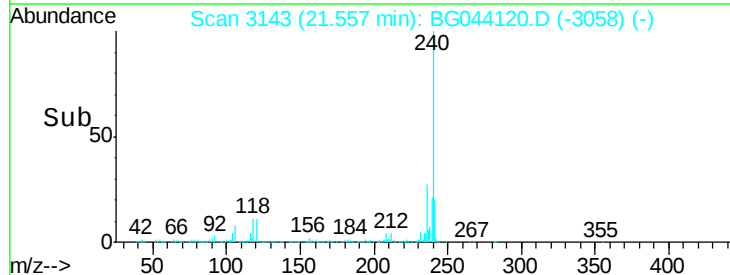
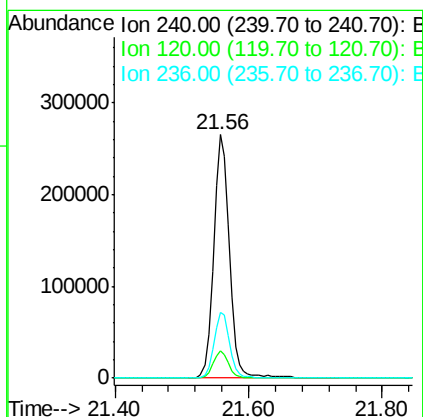
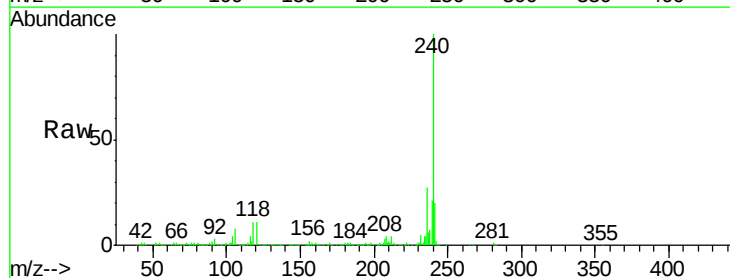
Instrument :
BNA_G
ClientSampleId :
EP-2

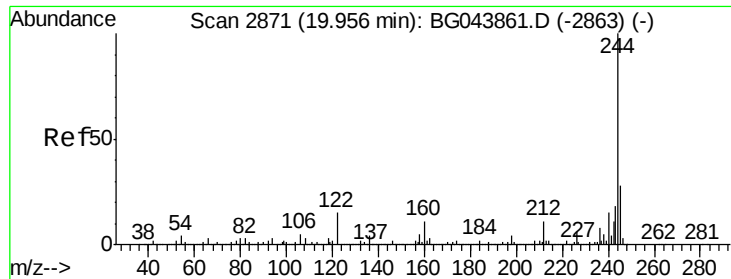
Tot Ion:188 Resp: 510964
Ion Ratio Lower Upper
188 100
94 8.7 7.9 11.9
80 10.2 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.56 min Scan# 3143
Delta R.T. -0.03 min
Lab File: BG044120.D
Acq: 21 Jan 2020 6:16

Tgt Ion:240 Resp: 440873
Ion Ratio Lower Upper
240 100
120 11.1 9.6 14.4
236 27.2 22.2 33.2





#79

Terphenyl-d14

Concen: 121.982 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.03 min

Lab File: BG044120.D

Acq: 21 Jan 2020 6:16

Instrument :

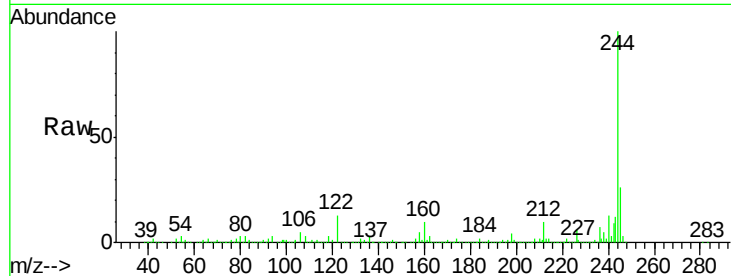
BNA_G

ClientSampleId :

EP-2

Tot Ion:244 Resp: 2003045

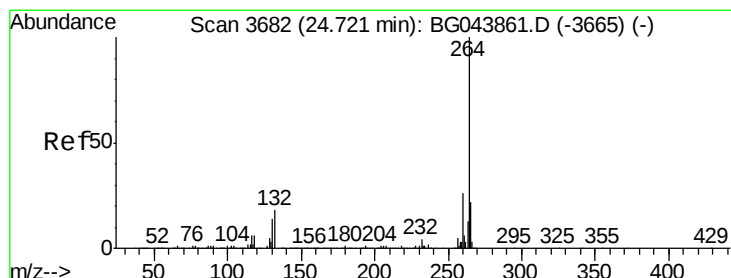
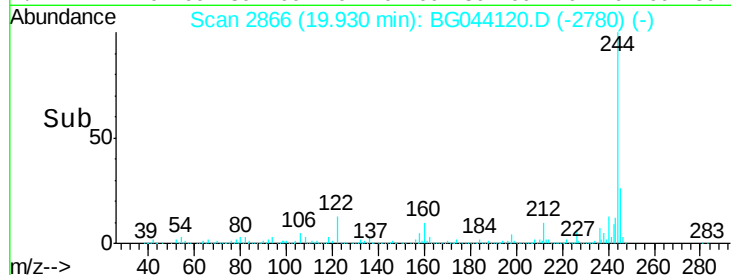
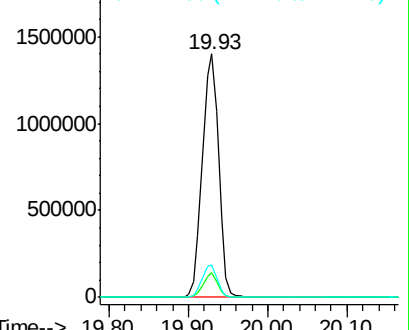
Ion	Ratio	Lower	Upper
244	100		
212	9.9	8.6	13.0
122	13.2	11.9	17.9



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# 3672

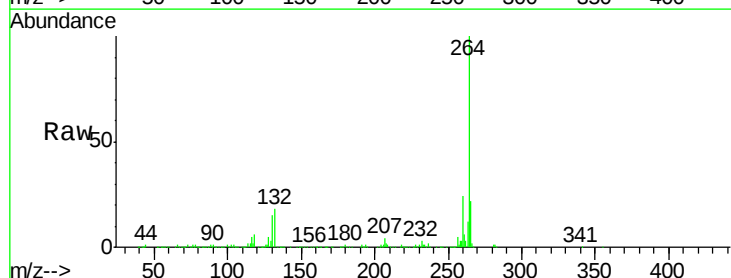
Delta R.T. -0.06 min

Lab File: BG044120.D

Acq: 21 Jan 2020 6:16

Tgt Ion:264 Resp: 480322

Ion	Ratio	Lower	Upper
264	100		
260	23.8	20.4	30.6
265	21.9	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

