

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012320\
 Data File : BG044170.D
 Acq On : 23 Jan 2020 16:57
 Operator : JU
 Sample : L1230-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 STOCK-PILE-B

Quant Time: Jan 24 05:39:35 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

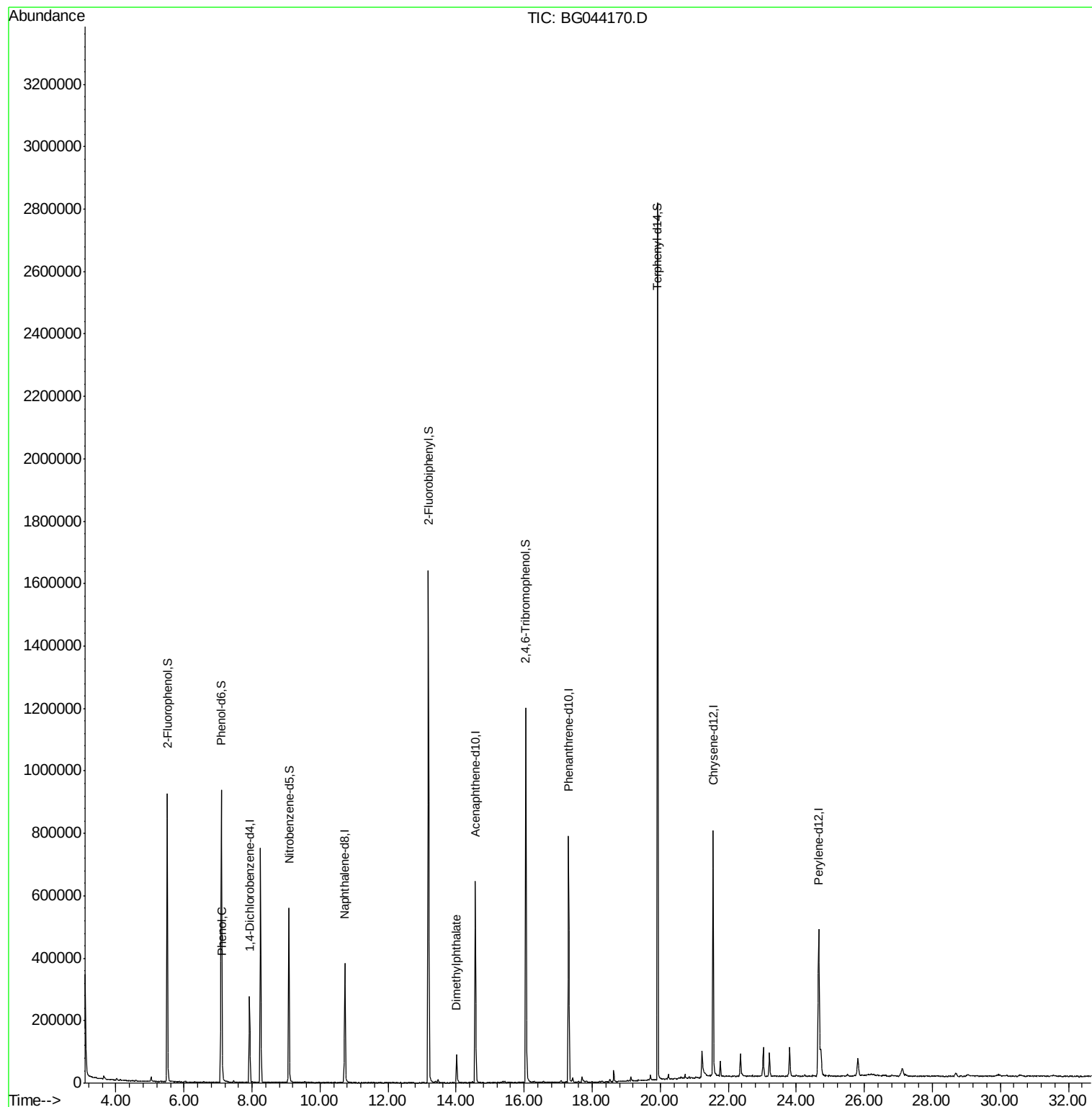
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	81782	20.00	ng	-0.04
21) Naphthalene-d8	10.73	136	359630	20.00	ng	-0.04
39) Acenaphthene-d10	14.56	164	247701	20.00	ng	-0.04
64) Phenanthrene-d10	17.31	188	515893	20.00	ng	-0.03
76) Chrysene-d12	21.55	240	449373	20.00	ng	-0.04
87) Perylene-d12	24.66	264	499611	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	449942	101.02	ng	-0.03
7) Phenol-d6	7.10	99	619111	99.44	ng	-0.02
23) Nitrobenzene-d5	9.08	82	372600	55.43	ng	-0.04
42) 2,4,6-Tribromophenol	16.05	330	237183	91.50	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	923156	67.52	ng	-0.04
79) Terphenyl-d14	19.92	244	1333291	67.50	ng	-0.04
Target Compounds						
10) Phenol	7.12	94	29333	4.573	ng	Qvalue 91
50) Dimethylphthalate	14.02	163	74167	4.217	ng	# 99

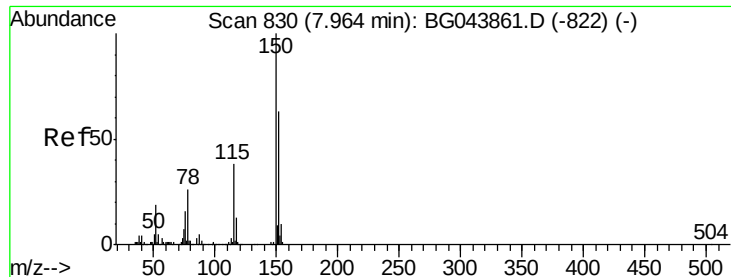
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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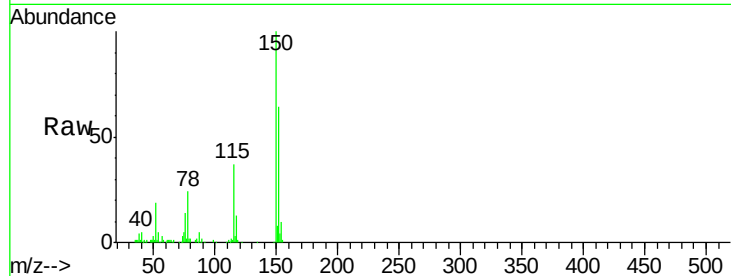


#1

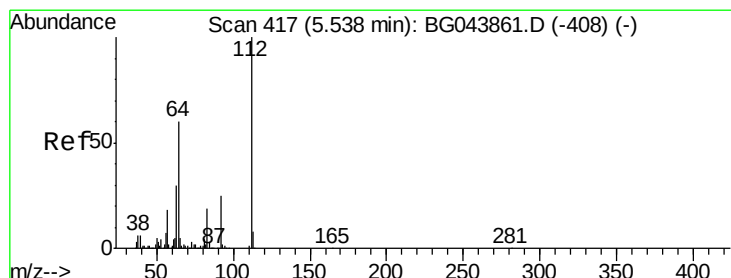
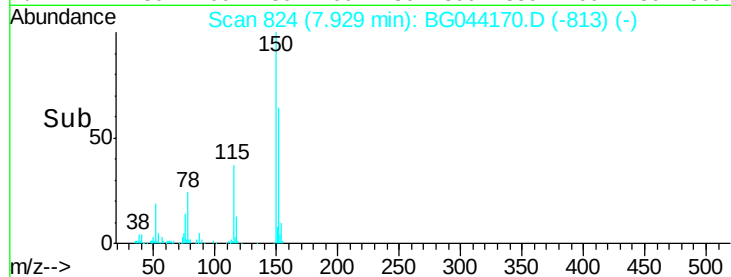
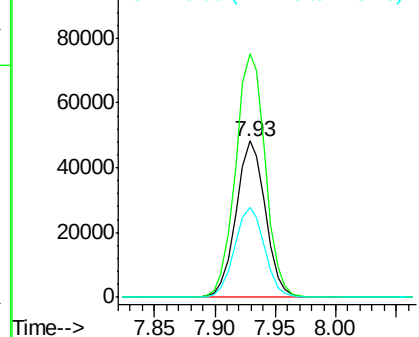
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.04 min
Lab File: BG044170.D
Acq: 23 Jan 2020 16:57

Instrument :
BNA_G
ClientSampleId :
STOCK-PILE-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	127.0	190.4
115	58.0	47.8	71.8



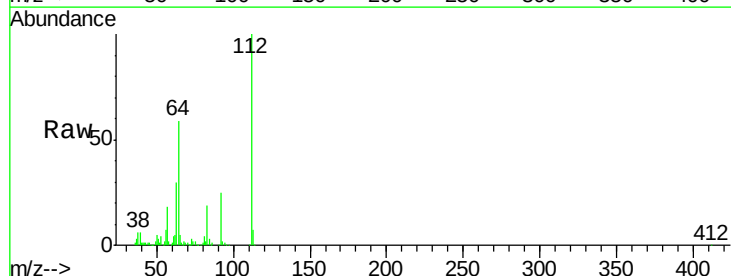
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



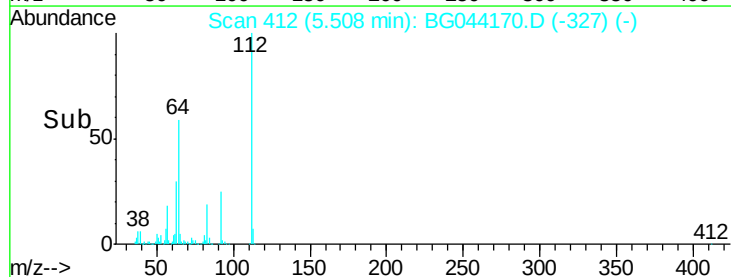
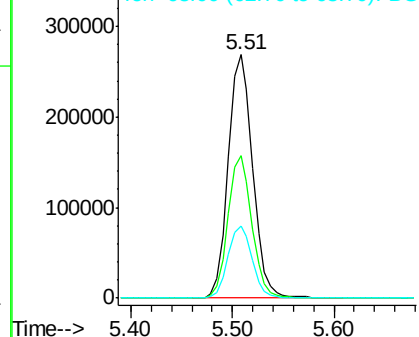
#5

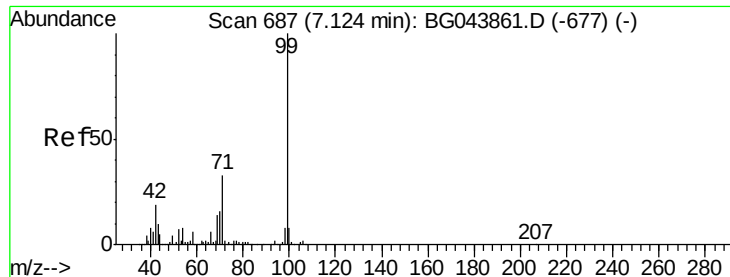
2-Fluorophenol
Concen: 101.018 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044170.D
Acq: 23 Jan 2020 16:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.8	47.8	71.6
63	29.6	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: 99.440 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

Lab File: BG044170.D

Acq: 23 Jan 2020 16:57

Instrument :

BNA_G

ClientSampleId :

STOCK-PILE-B

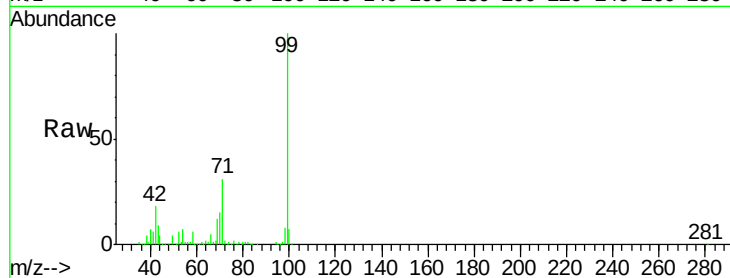
Tot Ion: 99 Resp: 619111

Ion Ratio Lower Upper

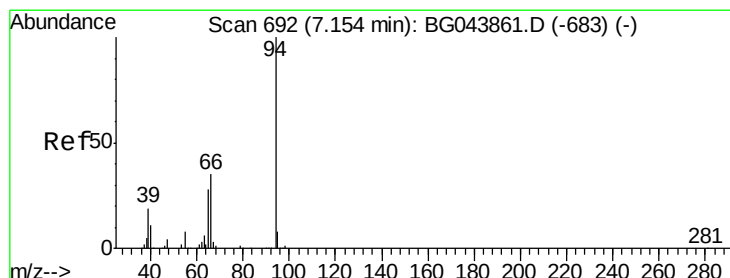
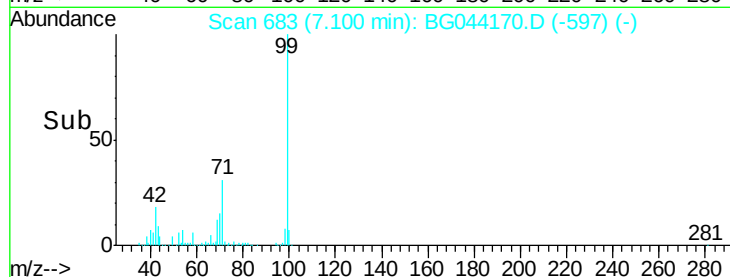
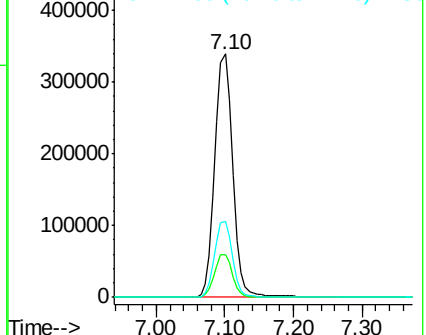
99 100

42 17.6 14.9 22.3

71 31.4 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: 4.573 ng

RT: 7.12 min Scan# 687

Delta R.T. -0.03 min

Lab File: BG044170.D

Acq: 23 Jan 2020 16:57

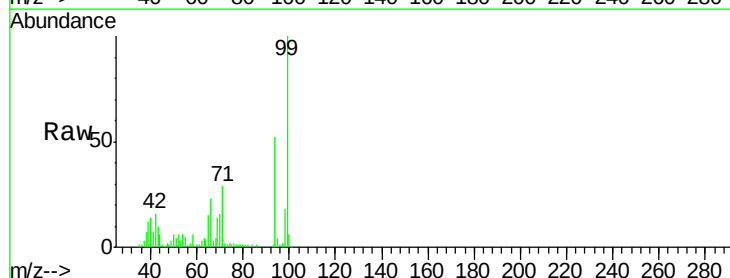
Tgt Ion: 94 Resp: 29333

Ion Ratio Lower Upper

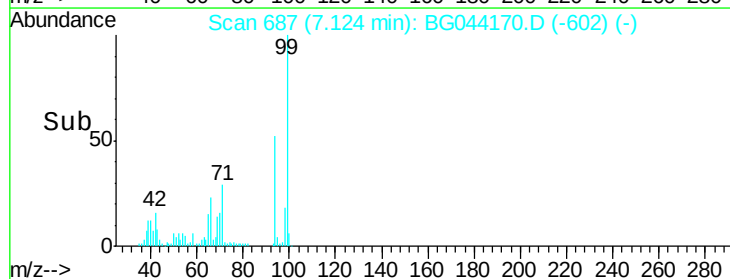
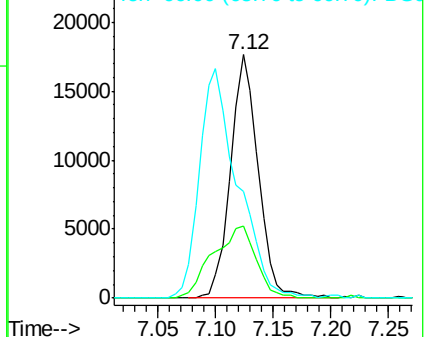
94 100

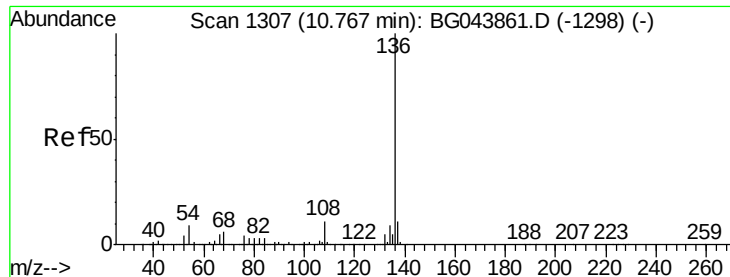
65 29.4 8.1 48.1

66 43.6 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

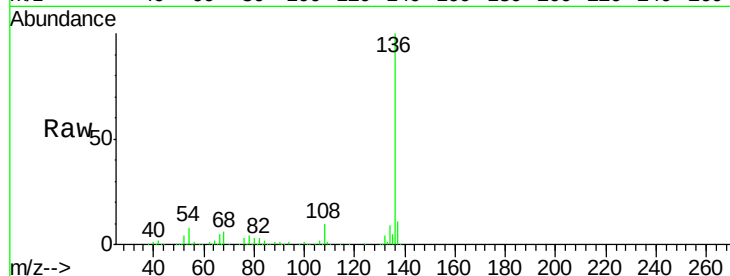




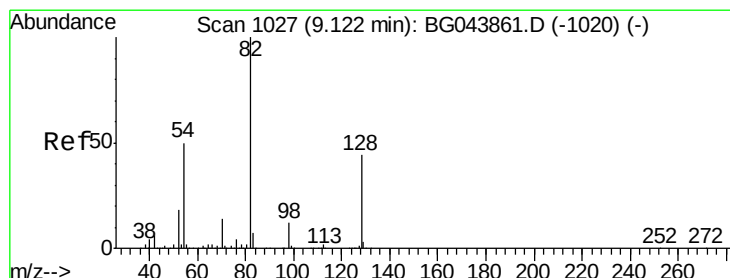
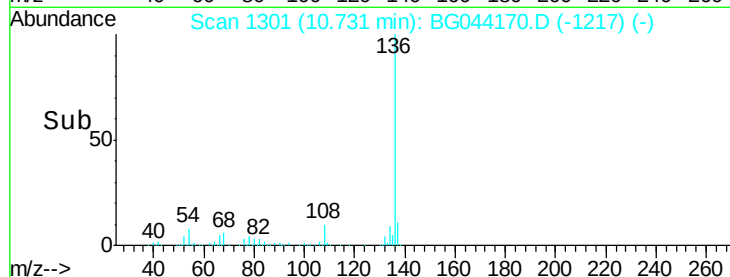
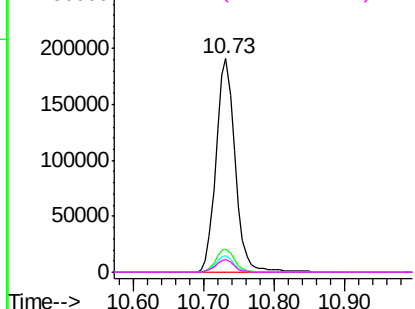
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.04 min
Lab File: BG044170.D
Acq: 23 Jan 2020 16:57

Instrument :
BNA_G
ClientSampleId :
STOCK-PILE-B

Tot Ion:136	Resp:	359630	
Ion Ratio	Lower	Upper	
136 100			
137 11.0	8.8	13.2	
54 7.7	7.0	10.4	
68 5.9	4.9	7.3	

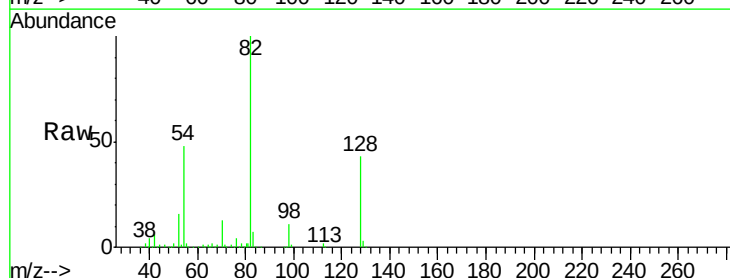


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

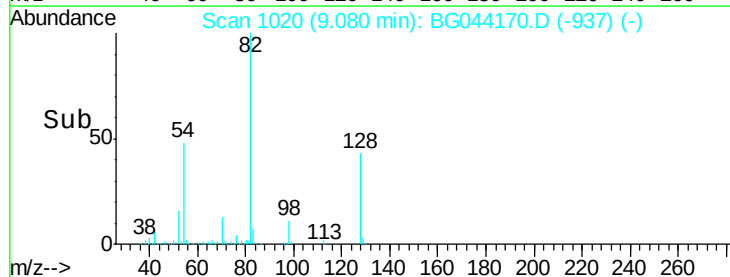
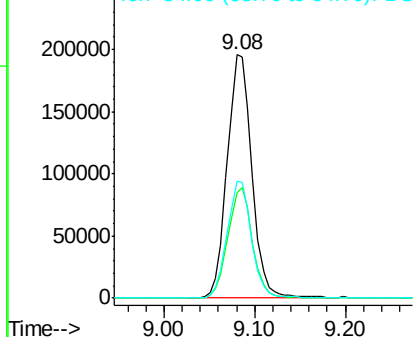


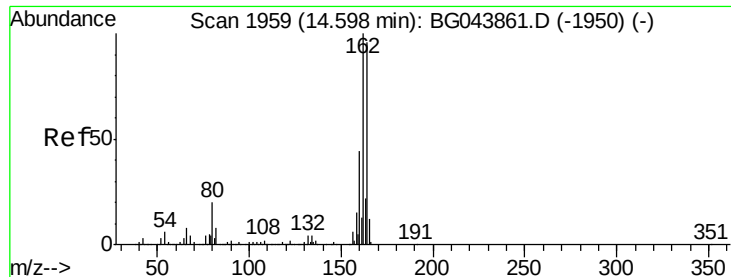
#23
Nitrobenzene-d5
Concen: 55.425 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.04 min
Lab File: BG044170.D
Acq: 23 Jan 2020 16:57

Tgt	Ion: 82	Resp:	372600
Ion	Ratio	Lower	Upper
82	100		
128	43.2	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: 14.56 min Scan# 1953

Delta R.T. -0.04 min

Lab File: BG044170.D

Acq: 23 Jan 2020 16:57

Instrument :

BNA_G

ClientSampleId :

STOCK-PILE-B

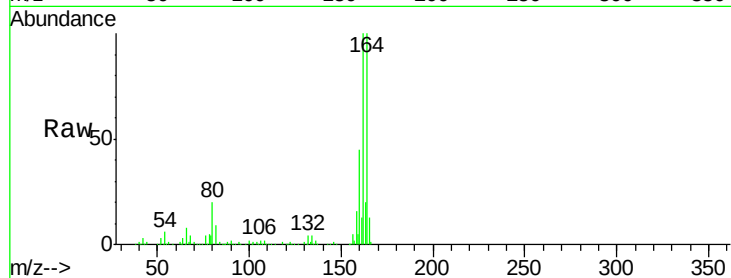
Tot Ion:164 Resp: 247701

Ion Ratio Lower Upper

164 100

162 100.1 83.0 124.4

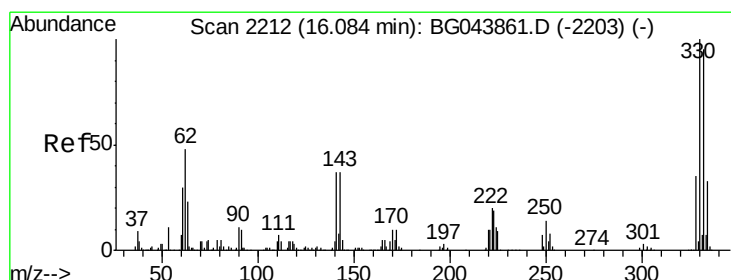
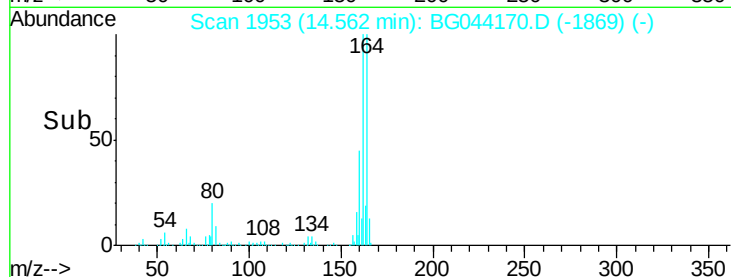
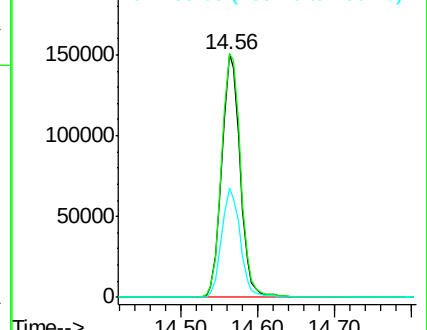
160 44.8 36.1 54.1



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: 91.501 ng

RT: 16.05 min Scan# 2207

Delta R.T. -0.03 min

Lab File: BG044170.D

Acq: 23 Jan 2020 16:57

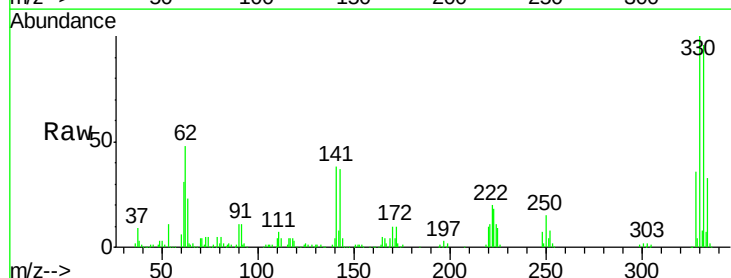
Tgt Ion:330 Resp: 237183

Ion Ratio Lower Upper

330 100

332 95.5 77.2 115.8

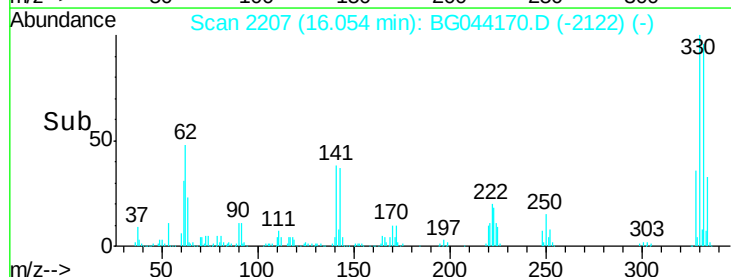
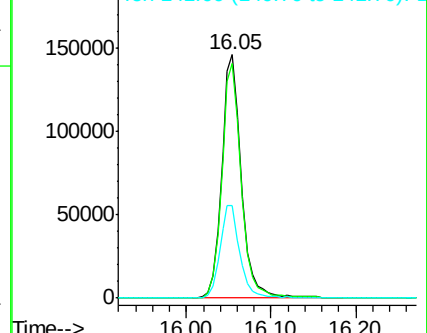
141 38.7 33.1 49.7

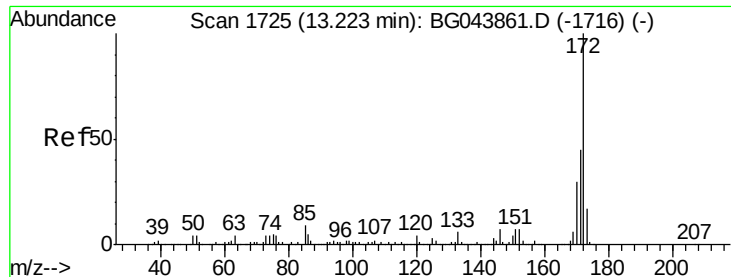


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

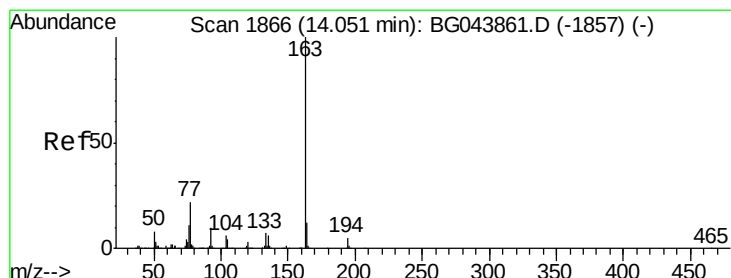
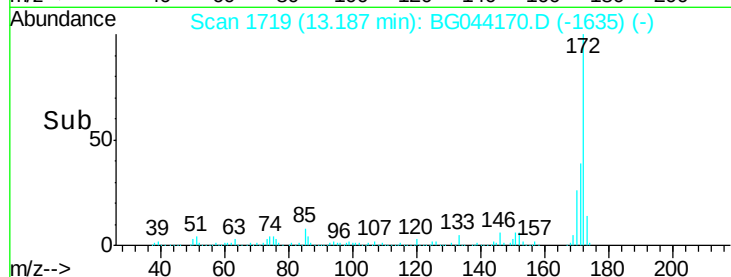
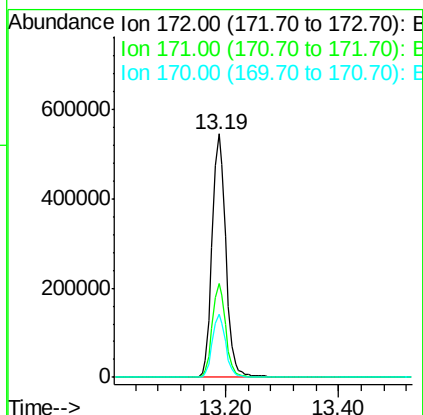
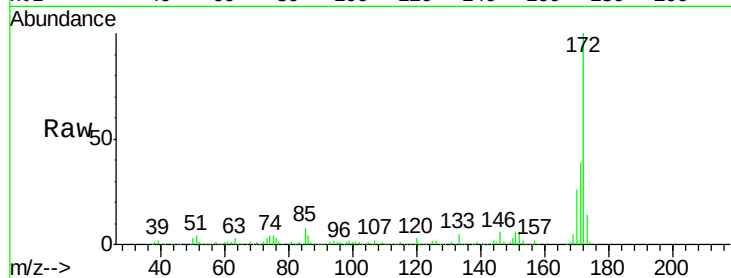




#45
2-Fluorobiphenyl
Concen: 67.523 ng
RT: 13.19 min Scan# 1719
Delta R.T. -0.04 min
Lab File: BG044170.D
Acq: 23 Jan 2020 16:57

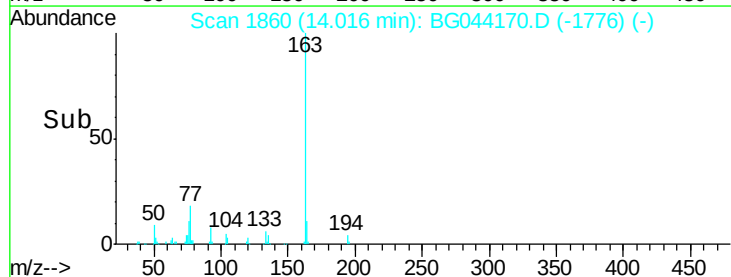
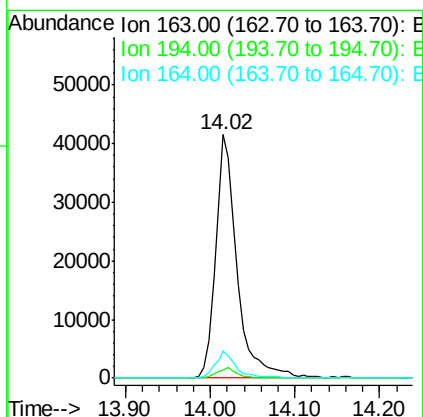
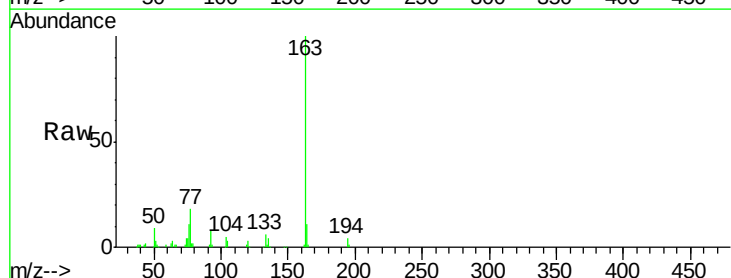
Instrument :
BNA_G
ClientSampleId :
STOCK-PILE-B

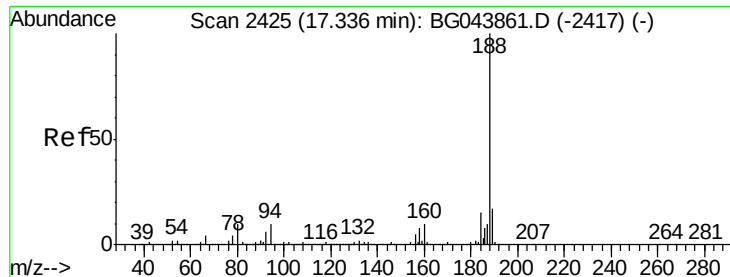
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.7	35.8	53.8
170	25.8	24.2	36.4



#50
Dimethylphthalate
Concen: 4.217 ng
RT: 14.02 min Scan# 1860
Delta R.T. -0.04 min
Lab File: BG044170.D
Acq: 23 Jan 2020 16:57

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.7	5.5#
164	11.4	9.3	13.9

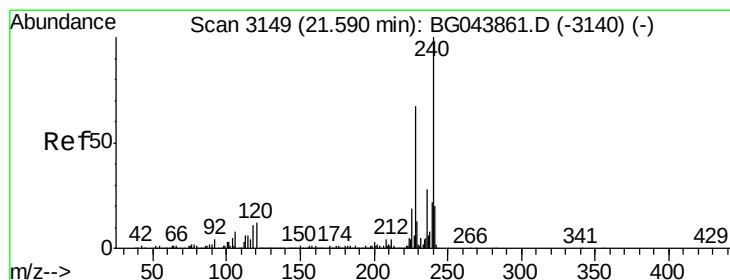
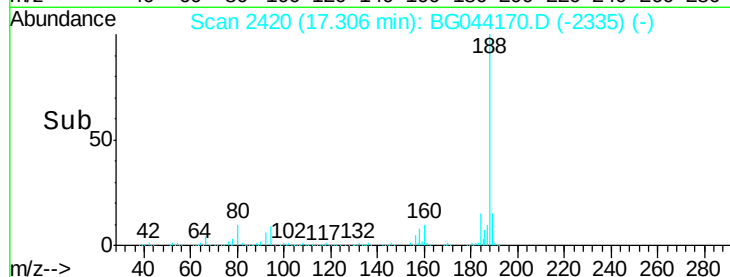
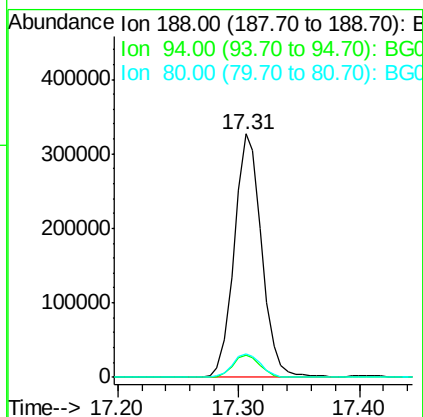
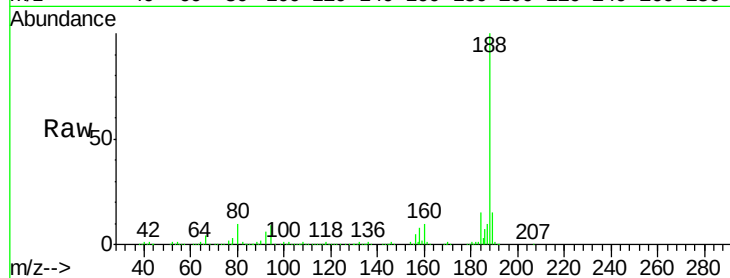




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2420
Delta R.T. -0.03 min
Lab File: BG044170.D
Acq: 23 Jan 2020 16:57

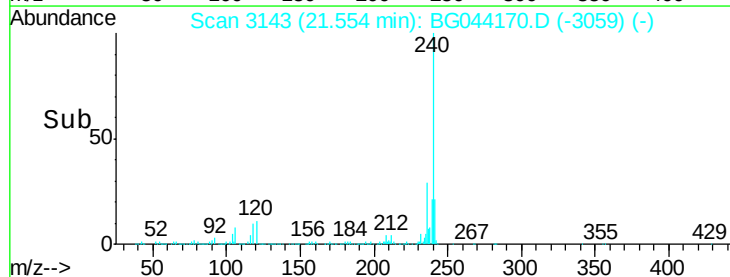
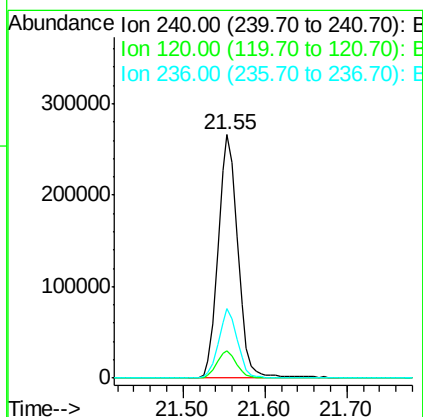
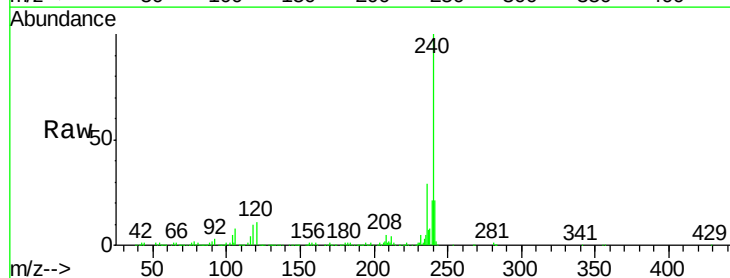
Instrument :
BNA_G
ClientSampleId :
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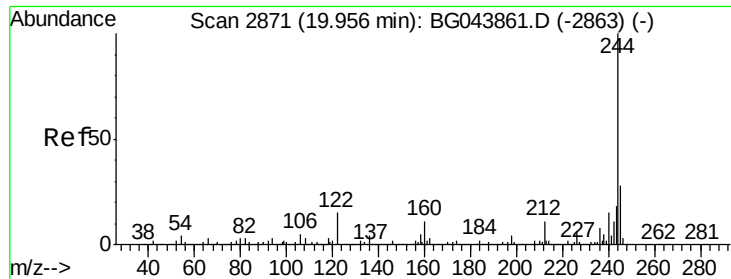
Tot Ion:188 Resp: 515893
Ion Ratio Lower Upper
188 100
94 9.1 7.9 11.9
80 9.7 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3143
Delta R.T. -0.04 min
Lab File: BG044170.D
Acq: 23 Jan 2020 16:57

Tgt Ion:240 Resp: 449373
Ion Ratio Lower Upper
240 100
120 11.2 9.6 14.4
236 28.5 22.2 33.2





#79

Terphenyl-d14

Concen: 67.502 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.04 min

Lab File: BG044170.D

Acq: 23 Jan 2020 16:57

Instrument :

BNA_G

ClientSampleId :

STOCK-PILE-B

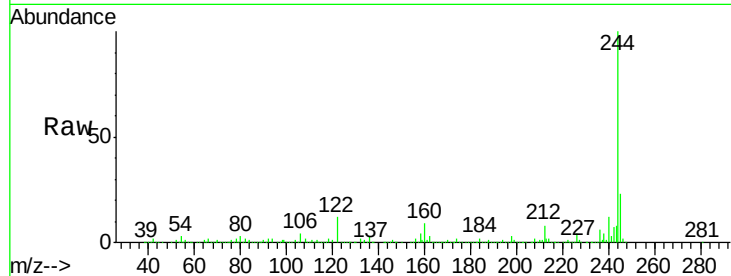
Tot Ion:244 Resp: 1333291

Ion Ratio Lower Upper

244 100

212 8.2 8.6 13.0#

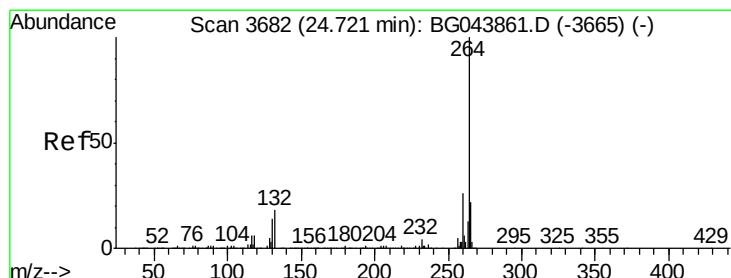
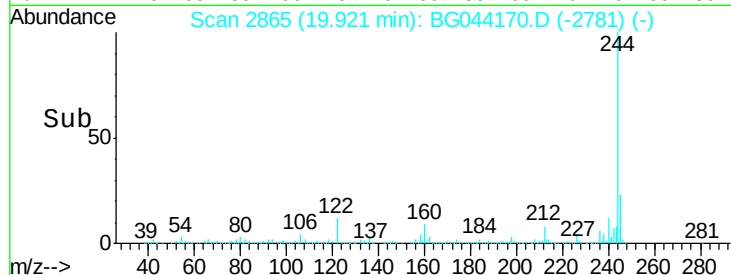
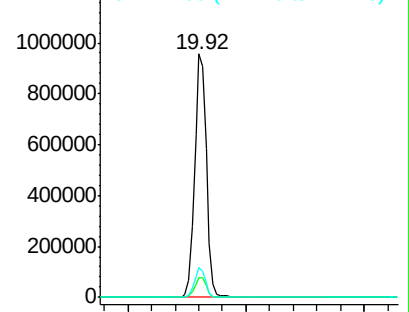
122 12.4 11.9 17.9



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: 24.66 min Scan# 3672

Delta R.T. -0.06 min

Lab File: BG044170.D

Acq: 23 Jan 2020 16:57

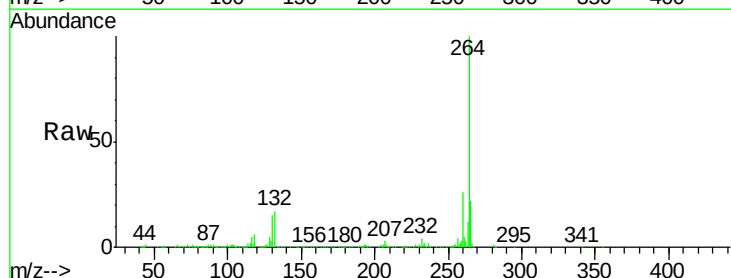
Tgt Ion:264 Resp: 499611

Ion Ratio Lower Upper

264 100

260 25.8 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

