

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103119\
 Data File : BG043457.D
 Acq On : 1 Nov 2019 7:22
 Operator : JU
 Sample : K5138-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AU-08-103019

Quant Time: Nov 01 08:19:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

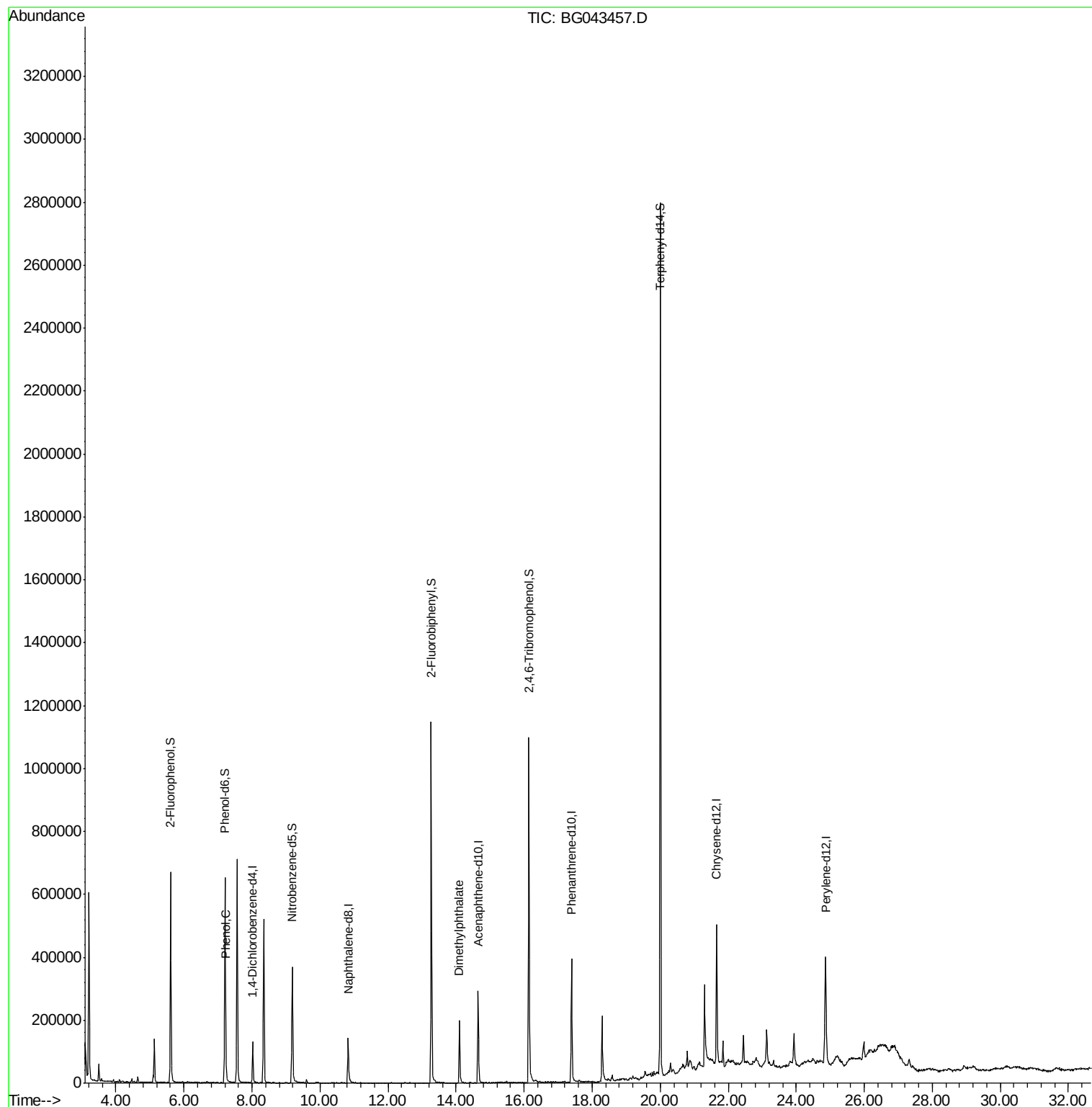
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	42106	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	142320	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	112827	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	275872	20.00	ng	0.00
76) Chrysene-d12	21.66	240	291965	20.00	ng	0.00
87) Perylene-d12	24.86	264	347454	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	301535	131.23	ng	0.00
7) Phenol-d6	7.21	99	410636	124.21	ng	0.00
23) Nitrobenzene-d5	9.18	82	251719	91.18	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	286456	133.42	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	690506	84.57	ng	0.00
79) Terphenyl-d14	20.00	244	1446421	92.94	ng	0.00
Target Compounds						
10) Phenol	7.23	94	17797	5.891	ng	Qvalue # 75
50) Dimethylphthalate	14.10	163	153207	17.531	ng	97

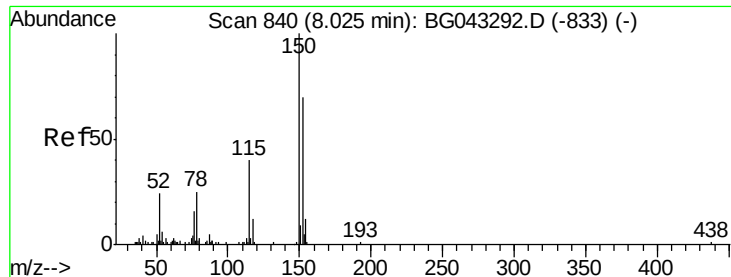
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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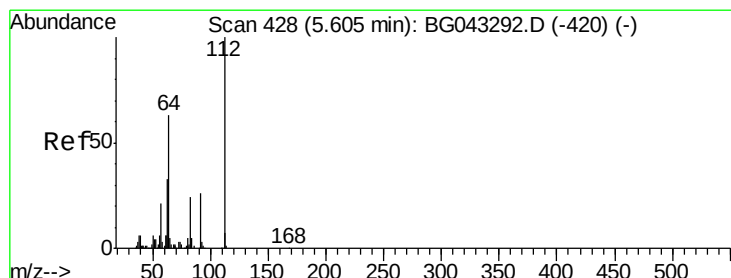
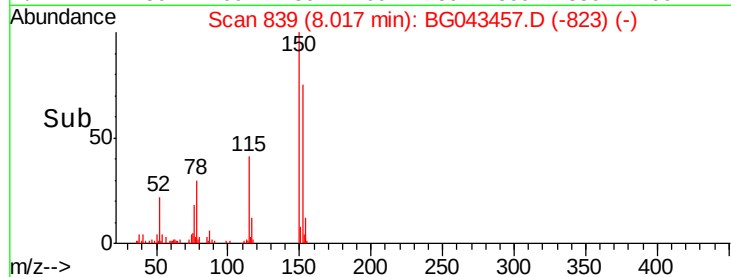
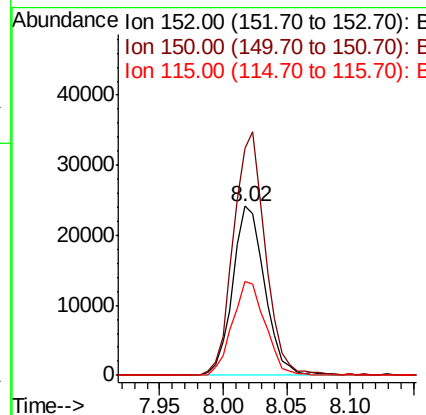
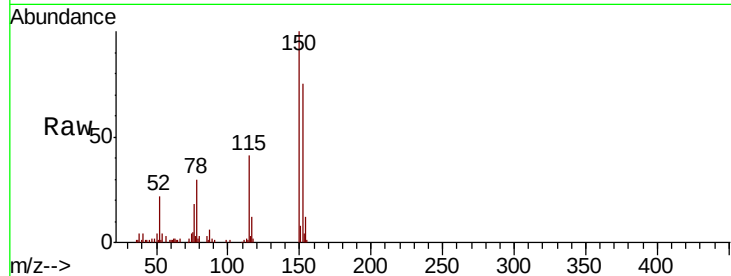


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BG043457.D
Acq: 1 Nov 2019 7:22

Instrument :
BNA_G
ClientSampleId :
AU-08-103019

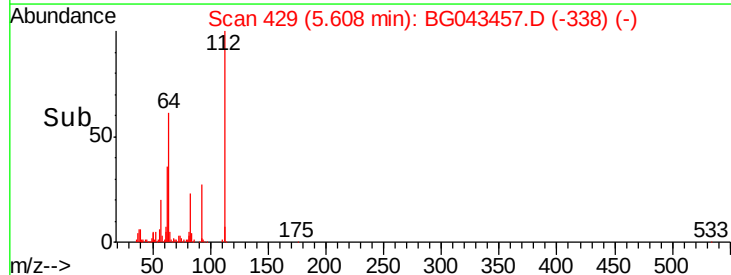
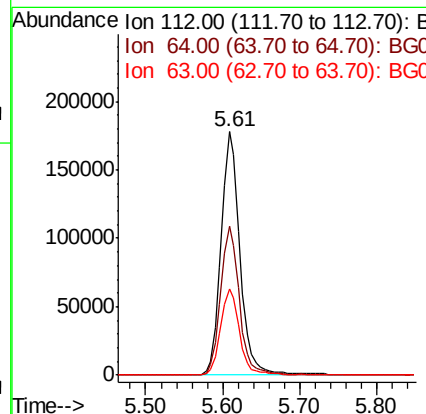
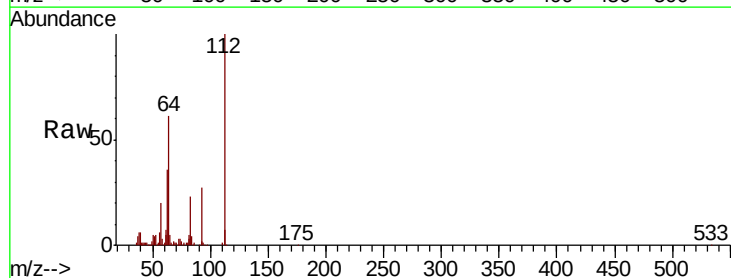
Tot Ion	Ratio	Lower	Upper
152	100		
150	134.2	113.6	170.4
115	55.3	45.9	68.9

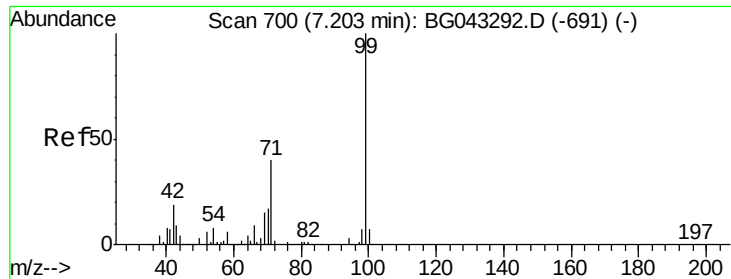


#5

2-Fluorophenol
Concen: 131.228 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.00 min
Lab File: BG043457.D
Acq: 1 Nov 2019 7:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.2	50.2	75.2
63	35.6	26.7	40.1





#7

Phenol-d6

Concen: 124.210 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG043457.D

Acq: 1 Nov 2019 7:22

Instrument :

BNA_G

ClientSampleId :

AU-08-103019

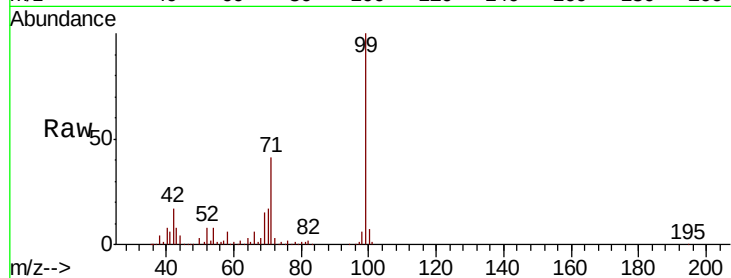
Tot Ion: 99 Resp: 410636

Ion Ratio Lower Upper

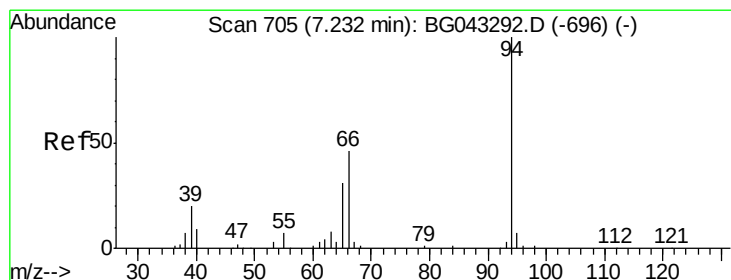
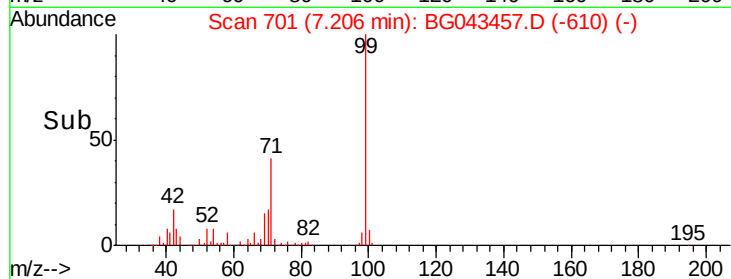
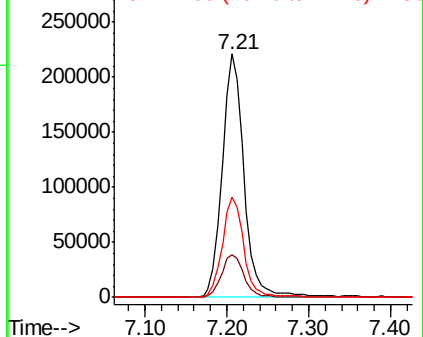
99 100

42 17.4 14.9 22.3

71 41.1 32.2 48.2



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: 5.891 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG043457.D

Acq: 1 Nov 2019 7:22

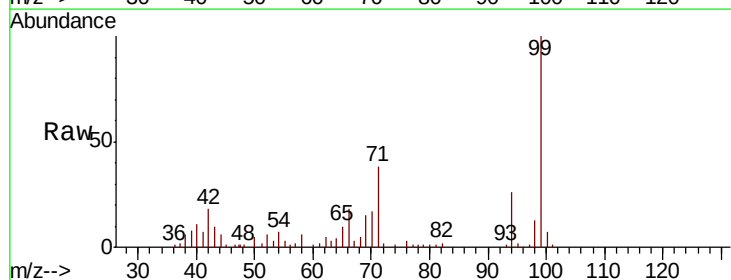
Tgt Ion: 94 Resp: 17797

Ion Ratio Lower Upper

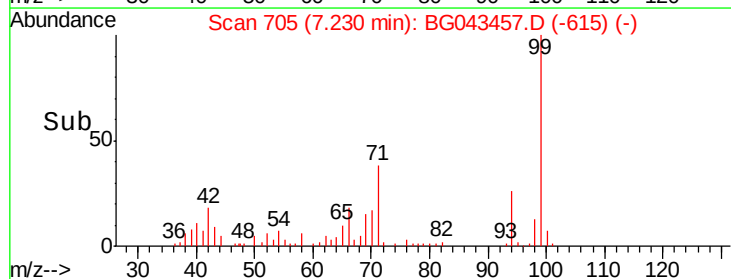
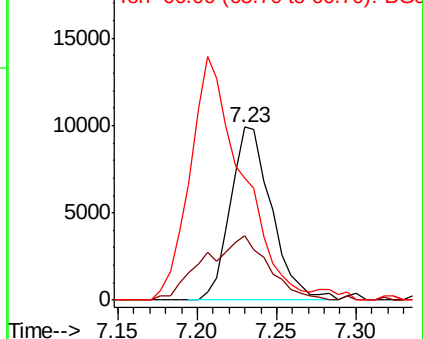
94 100

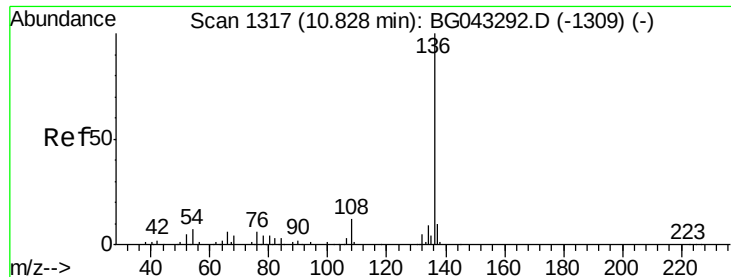
65 37.2 11.1 51.1

66 70.7 27.8 67.8#



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

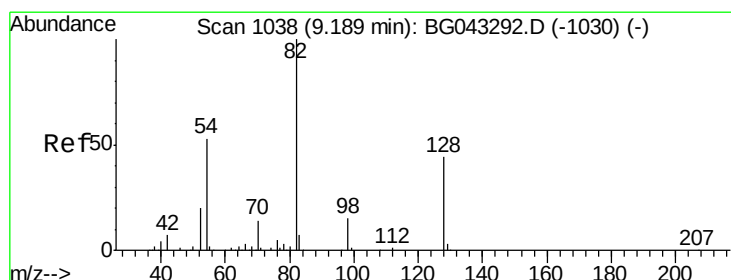
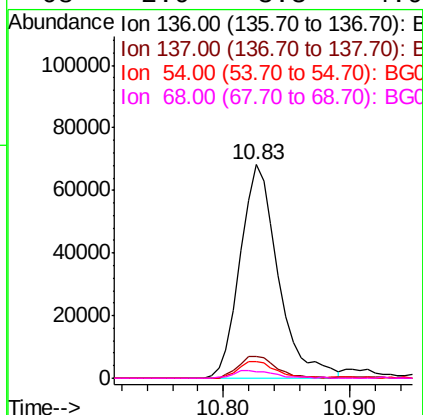
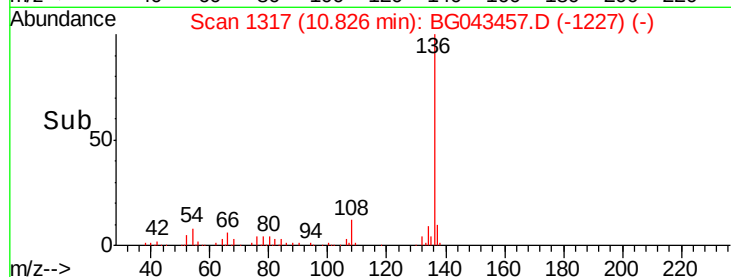
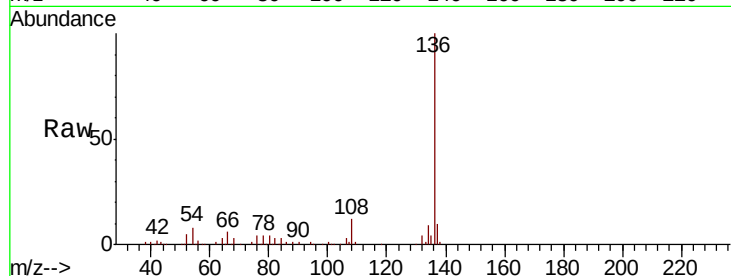




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG043457.D
Acq: 1 Nov 2019 7:22

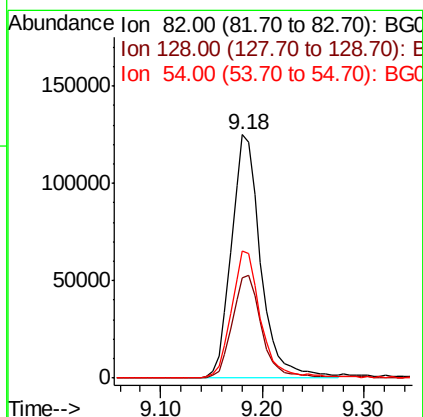
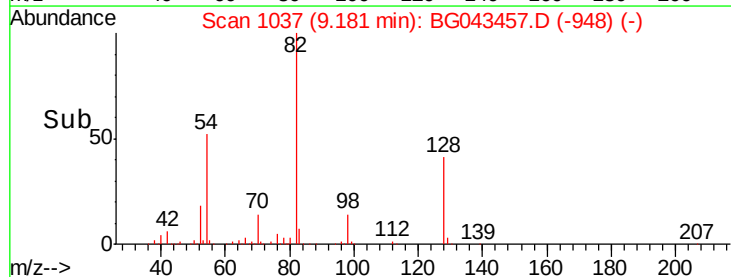
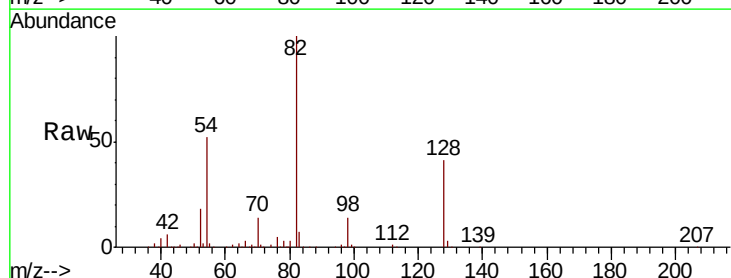
Instrument :
BNA_G
ClientSampleId :
AU-08-103019

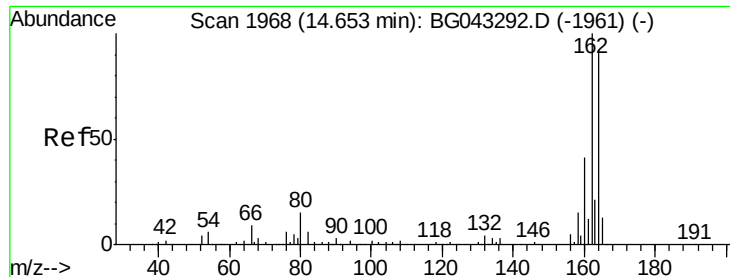
Tot Ion:136	Resp:	142320
Ion	Ratio	Lower Upper
136	100	
137	10.0	8.2 12.2
54	7.8	5.4 8.2
68	2.9	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 91.184 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BG043457.D
Acq: 1 Nov 2019 7:22

Tgt Ion: 82	Resp:	251719
Ion	Ratio	Lower Upper
82	100	
128	41.1	35.3 52.9
54	52.2	42.3 63.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG043457.D

Acq: 1 Nov 2019 7:22

Instrument :

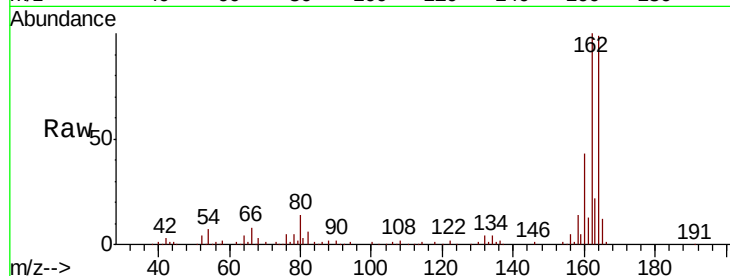
BNA_G

ClientSampleId :

AU-08-103019

Tot Ion:164 Resp: 112827

Ion	Ratio	Lower	Upper
164	100		
162	101.3	87.0	130.4
160	44.0	35.5	53.3

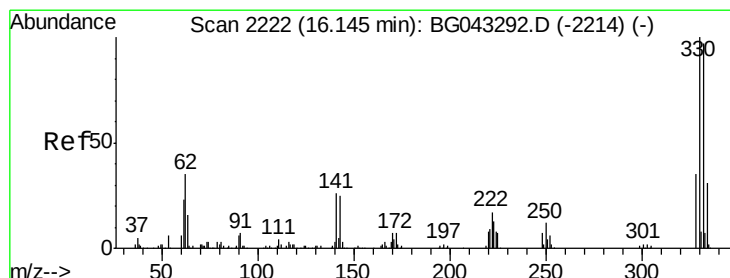
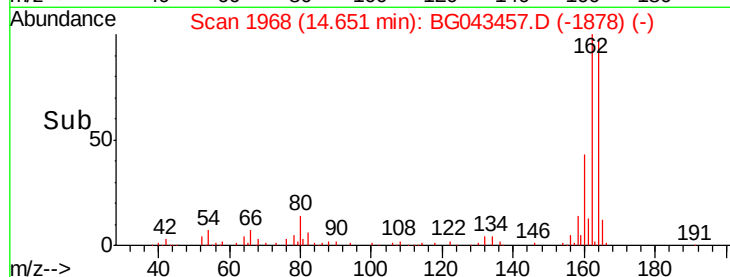
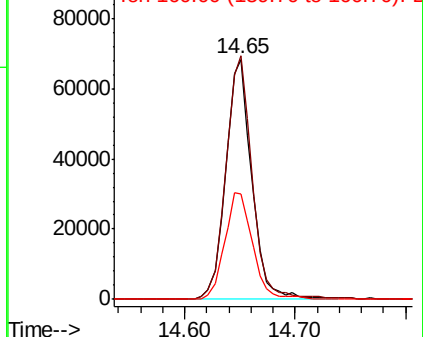


Abundance

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: 133.415 ng

RT: 16.14 min Scan# 2221

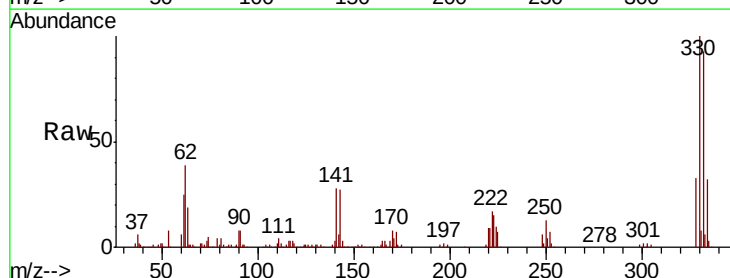
Delta R.T. -0.01 min

Lab File: BG043457.D

Acq: 1 Nov 2019 7:22

Tgt Ion:330 Resp: 286456

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.4	114.6
141	27.6	21.4	32.0

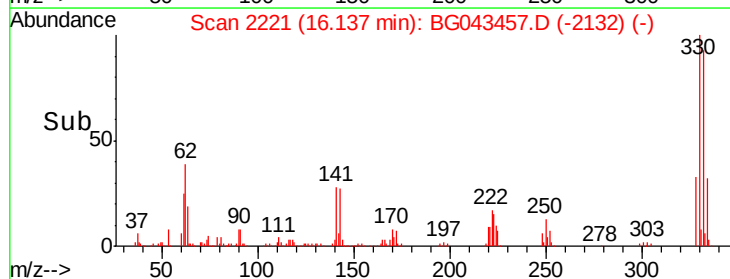
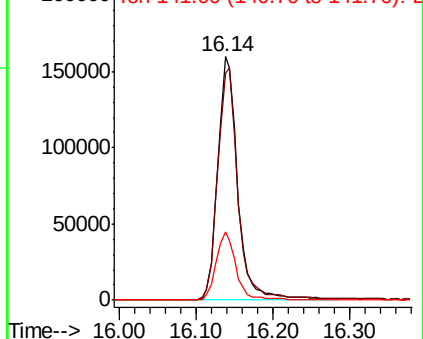


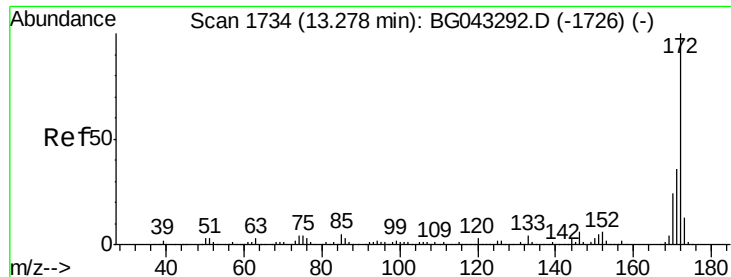
Abundance

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

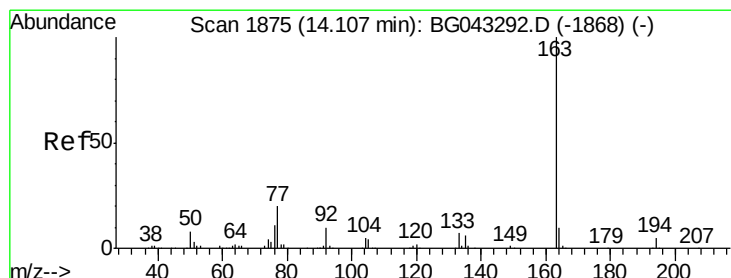
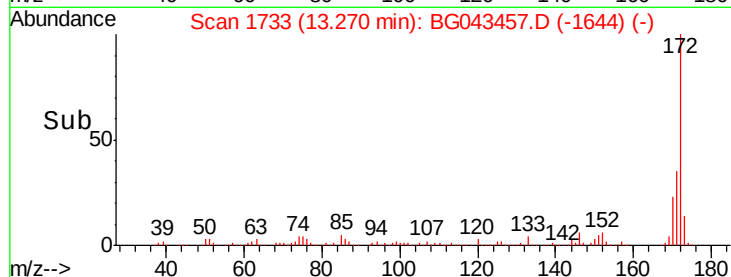
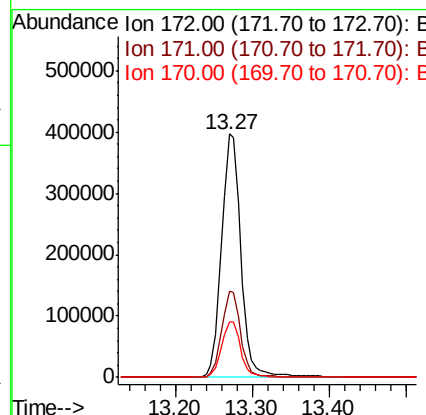
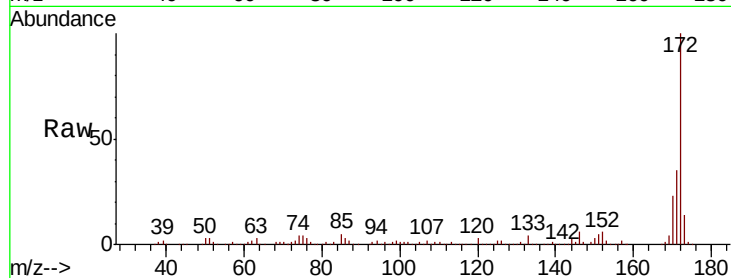




#45
2-Fluorobiphenyl
Concen: 84.567 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BG043457.D
Acq: 1 Nov 2019 7:22

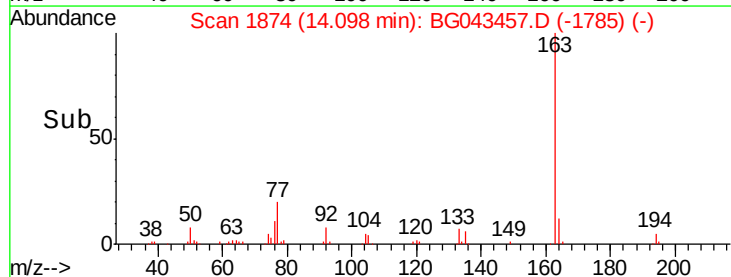
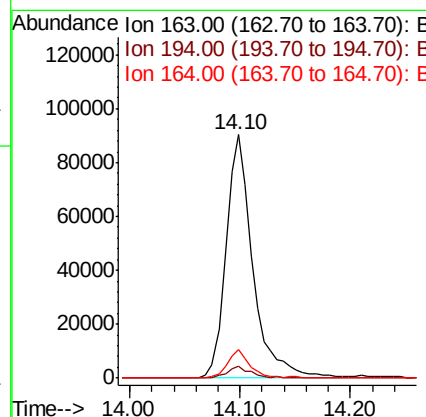
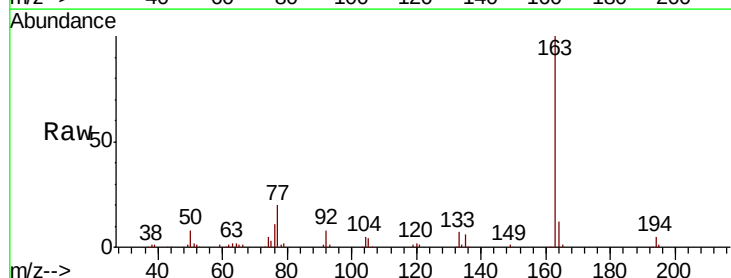
Instrument :
BNA_G
ClientSampleId :
AU-08-103019

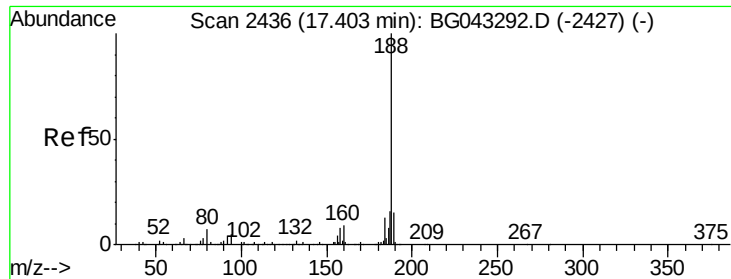
Tot Ion:172 Resp: 690506
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 22.7 18.8 28.2



#50
Dimethylphthalate
Concen: 17.531 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG043457.D
Acq: 1 Nov 2019 7:22

Tgt Ion:163 Resp: 153207
Ion Ratio Lower Upper
163 100
194 4.7 3.7 5.5
164 11.6 8.1 12.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG043457.D

Acq: 1 Nov 2019 7:22

Instrument :

BNA_G

ClientSampleId :

AU-08-103019

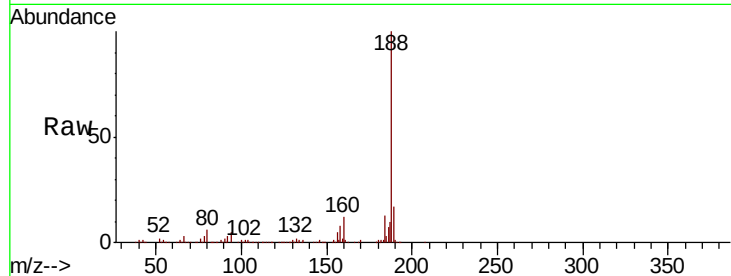
Tot Ion:188 Resp: 275872

Ion Ratio Lower Upper

188 100

94 5.4 4.2 6.2

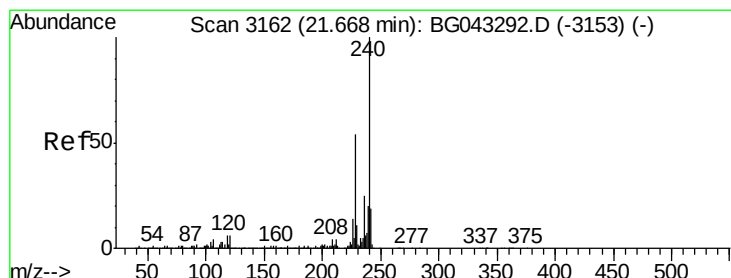
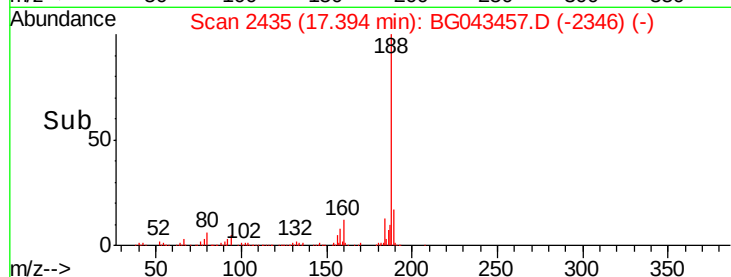
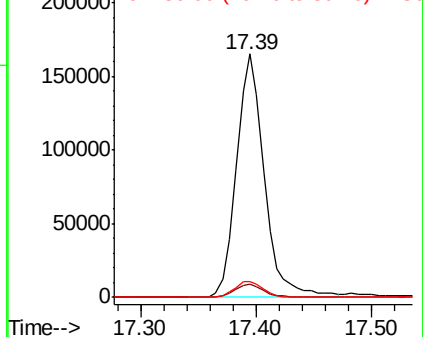
80 6.4 5.2 7.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG043457.D

Acq: 1 Nov 2019 7:22

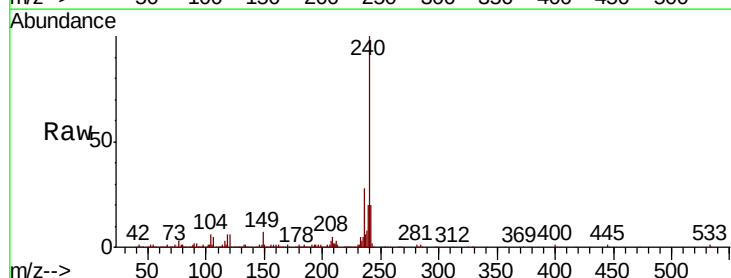
Tgt Ion:240 Resp: 291965

Ion Ratio Lower Upper

240 100

120 5.8 4.6 7.0

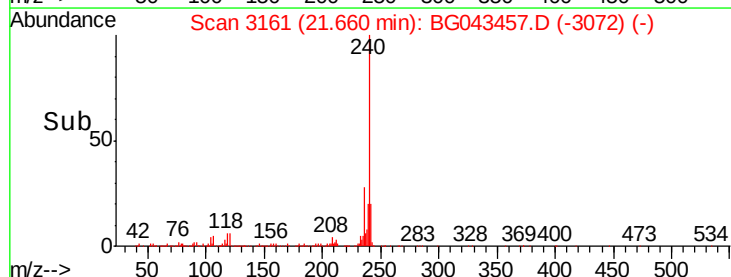
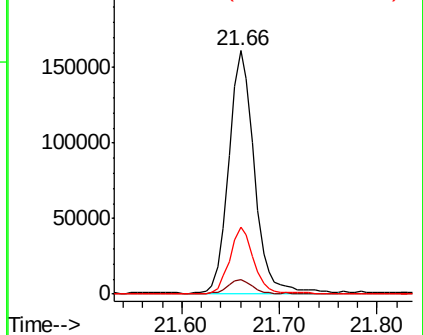
236 27.7 20.2 30.4

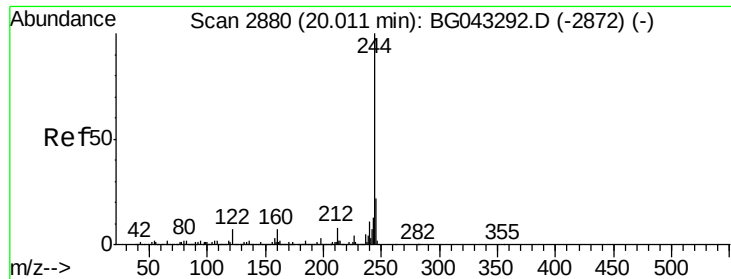


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 92.942 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043457.D

Acq: 1 Nov 2019 7:22

Instrument :

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ClientSampleId :

AU-08-103019

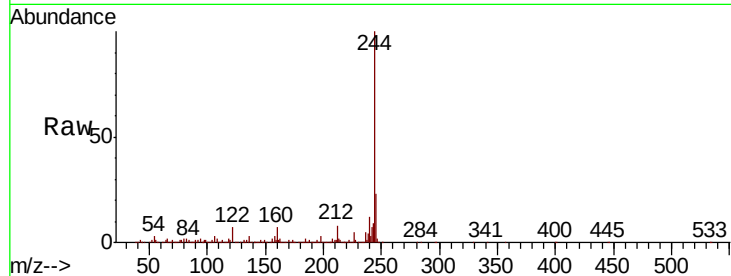
Tot Ion:244 Resp: 1446421

Ion Ratio Lower Upper

244 100

212 8.0 6.4 9.6

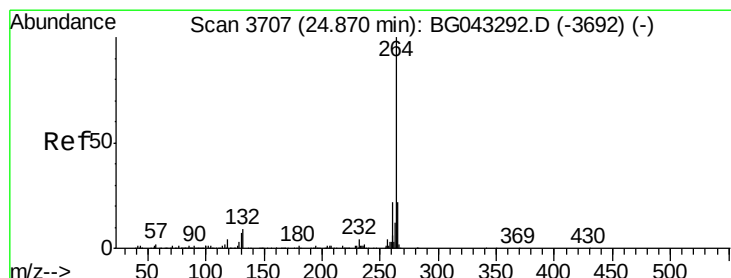
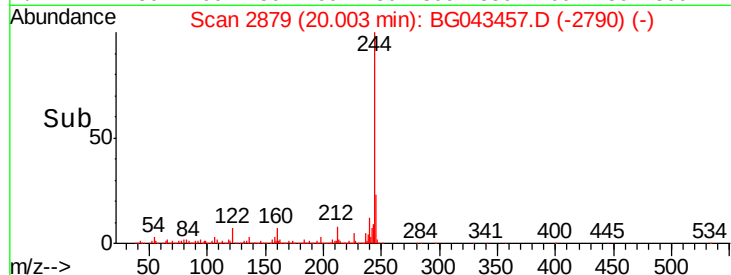
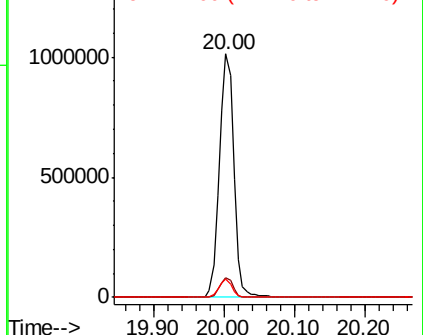
122 7.3 5.3 7.9



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: 24.86 min Scan# 3705

Delta R.T. -0.01 min

Lab File: BG043457.D

Acq: 1 Nov 2019 7:22

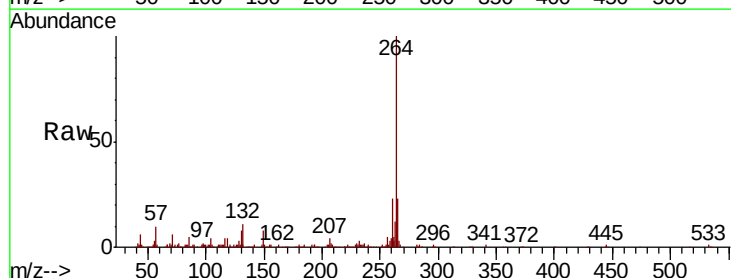
Tgt Ion:264 Resp: 347454

Ion Ratio Lower Upper

264 100

260 23.0 17.9 26.9

265 22.5 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

