

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112619\
 Data File : BG043782.D
 Acq On : 26 Nov 2019 17:53
 Operator : JU
 Sample : K5663-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AU-06-112219

Quant Time: Nov 27 03:56:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG112219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 23 00:54:00 2019
 Response via : Initial Calibration

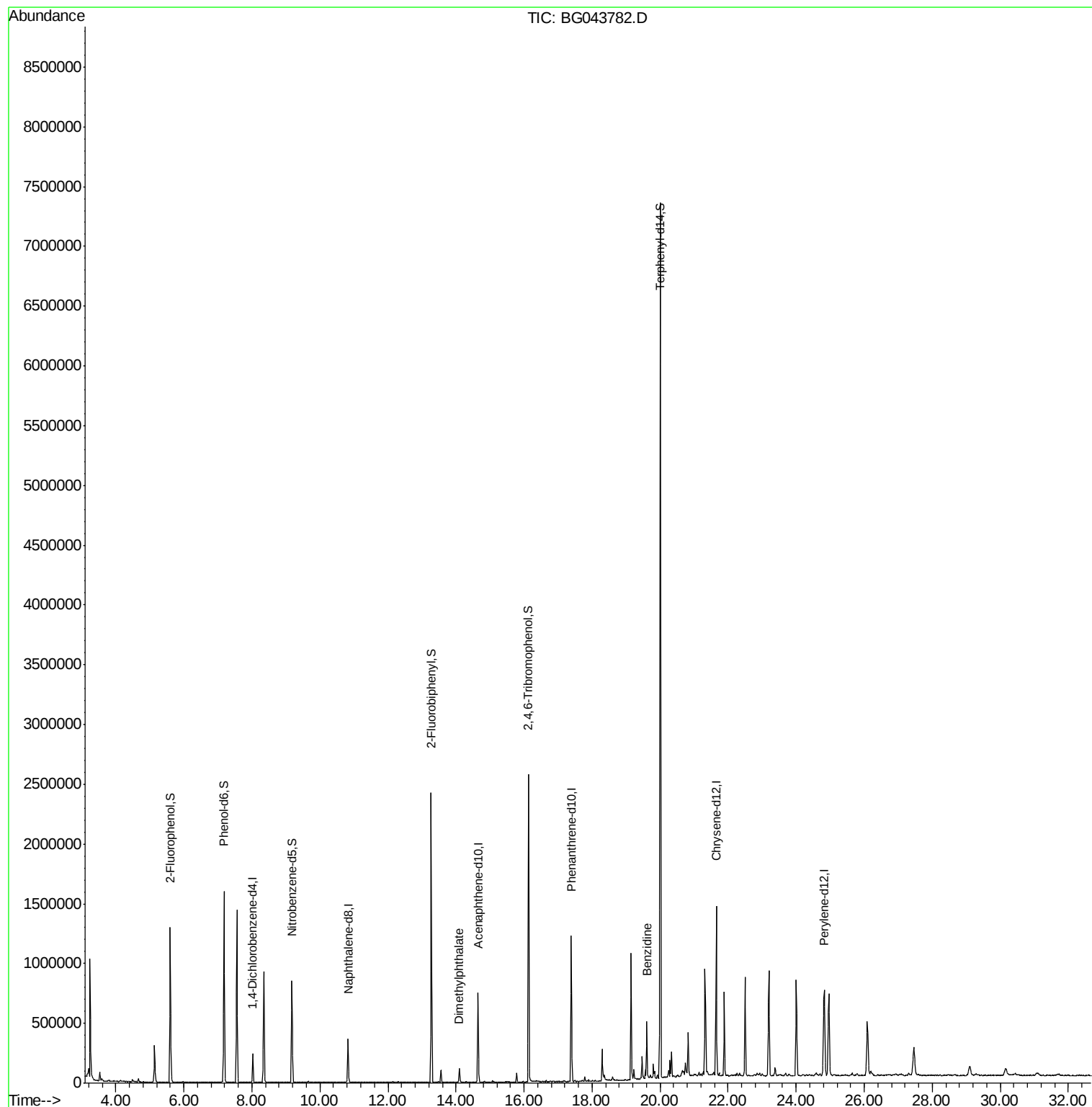
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	68438	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	333574	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	265337	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	765039	20.00	ng	0.00
76) Chrysene-d12	21.65	240	800822	20.00	ng	-0.01
87) Perylene-d12	24.82	264	759299	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	644228	169.23	ng	0.00
7) Phenol-d6	7.18	99	960514	173.57	ng	0.00
23) Nitrobenzene-d5	9.18	82	528778	87.16	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	459327	143.52	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	1269601	78.65	ng	-0.01
79) Terphenyl-d14	20.01	244	2870741	81.00	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.10	163	76809	3.654	ng	Qvalue # 98
77) Benzidine	19.61	184	282412	12.073	ng	98

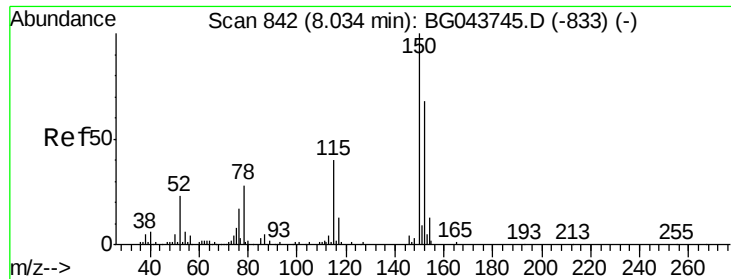
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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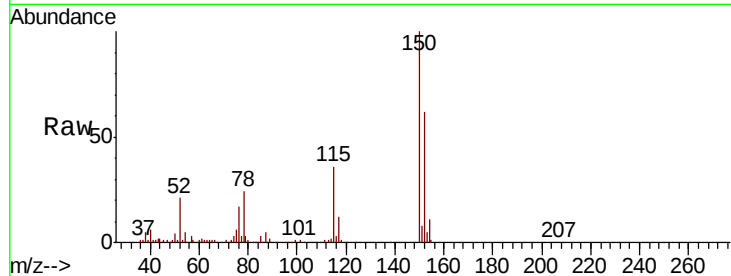


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG043782.D
Acq: 26 Nov 2019 17:53

Instrument :
BNA_G
ClientSampleId :
AU-06-112219

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.6	117.8	176.8
115	58.5	47.0	70.4

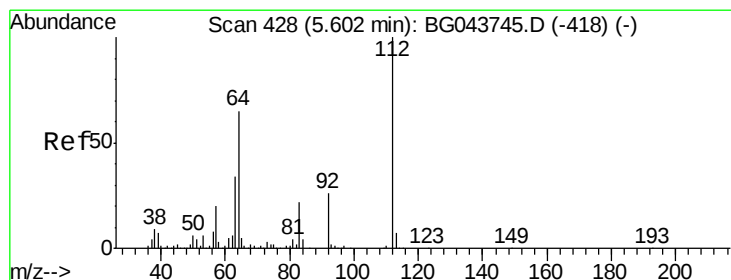
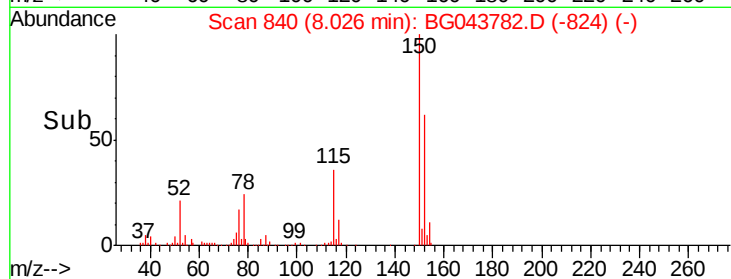
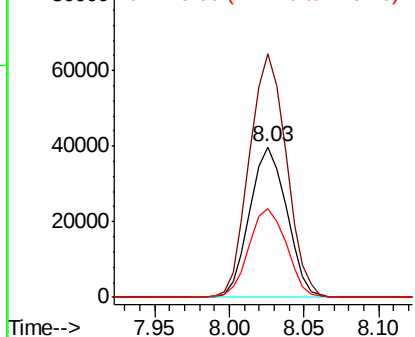


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

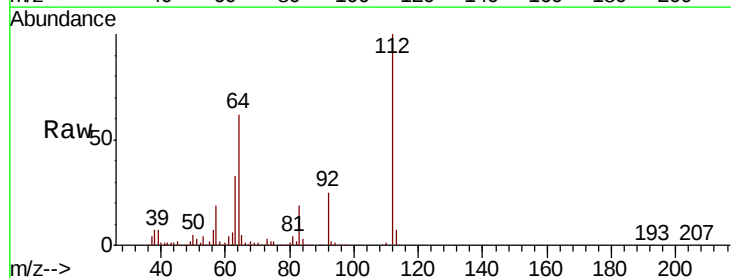
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 169.231 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.00 min
Lab File: BG043782.D
Acq: 26 Nov 2019 17:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.2	51.7	77.5
63	32.9	26.8	40.2

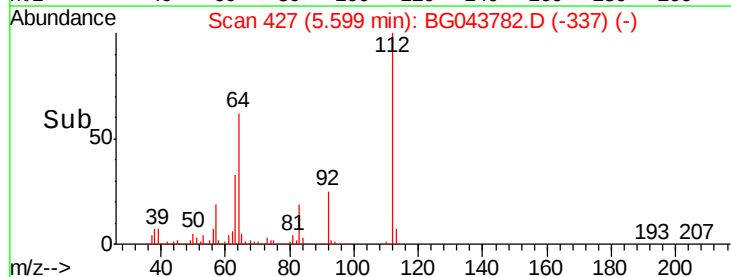
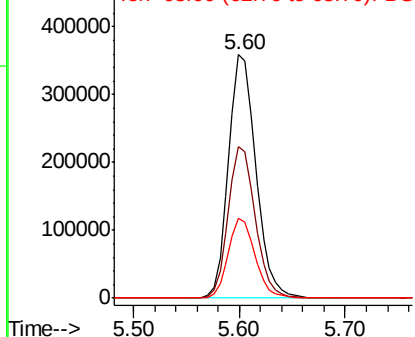


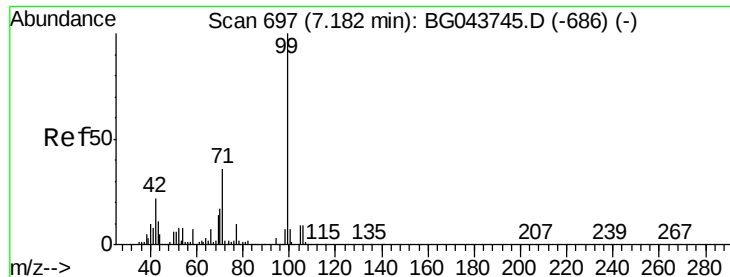
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 173.571 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.00 min

Lab File: BG043782.D

Acq: 26 Nov 2019 17:53

Instrument :

BNA_G

ClientSampleId :

AU-06-112219

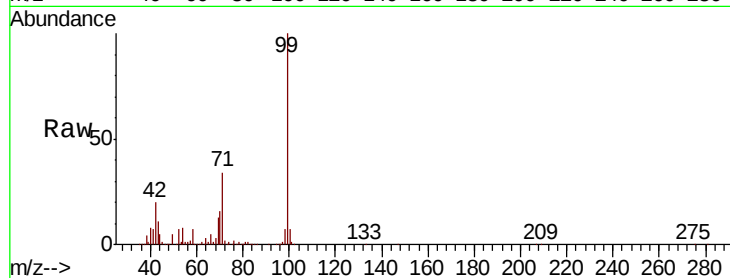
Tot Ion: 99 Resp: 960514

Ion Ratio Lower Upper

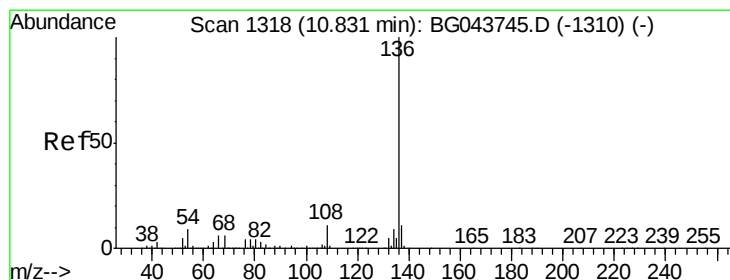
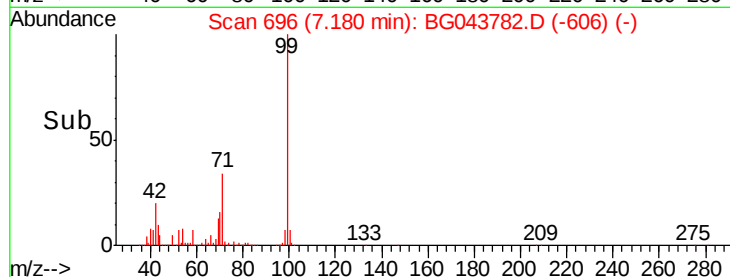
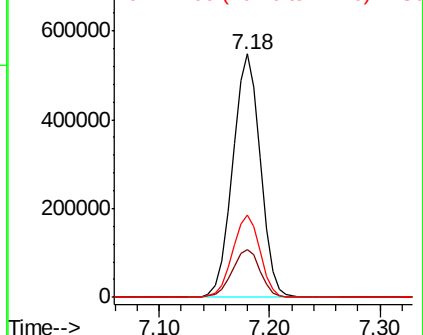
99 100

42 19.8 17.4 26.0

71 33.6 29.5 44.3



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BG043782.D

Acq: 26 Nov 2019 17:53

Tgt Ion: 136 Resp: 333574

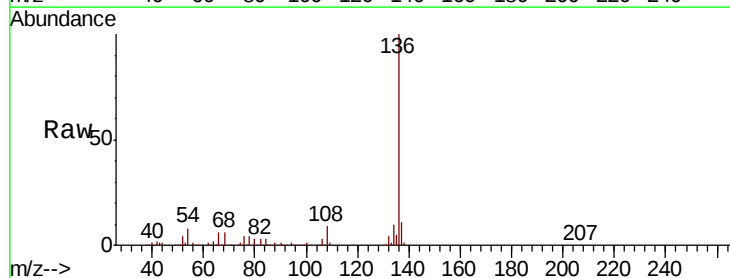
Ion Ratio Lower Upper

136 100

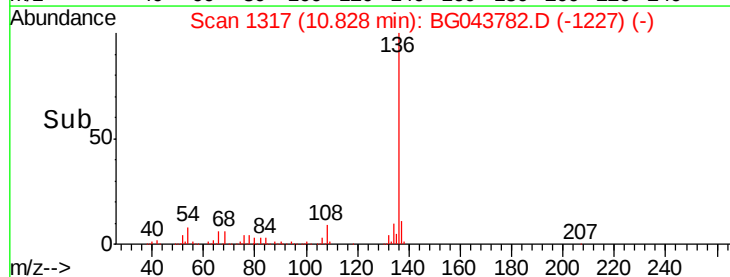
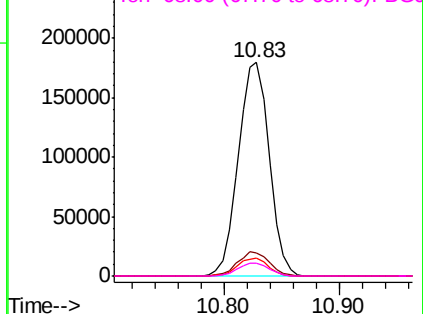
137 10.8 8.8 13.2

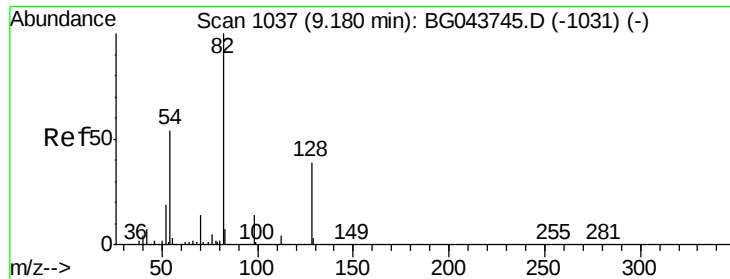
54 8.2 7.5 11.3

68 6.1 4.9 7.3



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

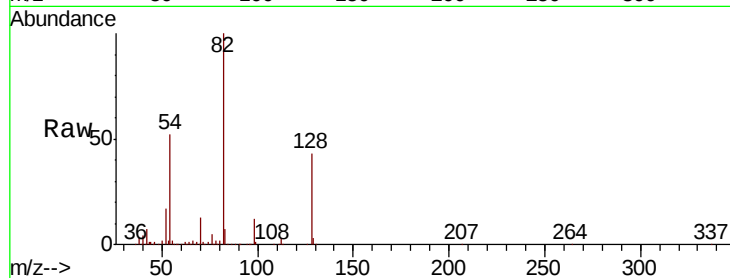




#23
 Nitrobenzene-d5
 Concen: 87.158 ng
 RT: 9.18 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BG043782.D
 Acq: 26 Nov 2019 17:53

Instrument :
 BNA_G
 ClientSampleId :
 AU-06-112219

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.6	31.3	46.9
54	52.2	42.7	64.1

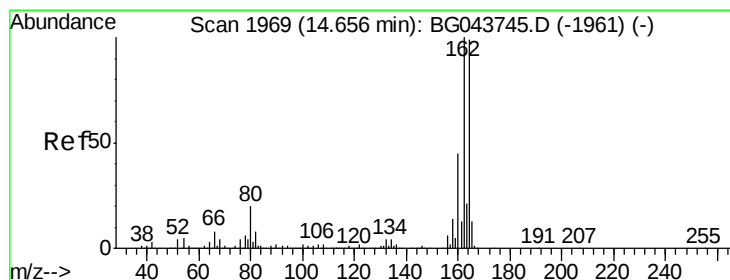
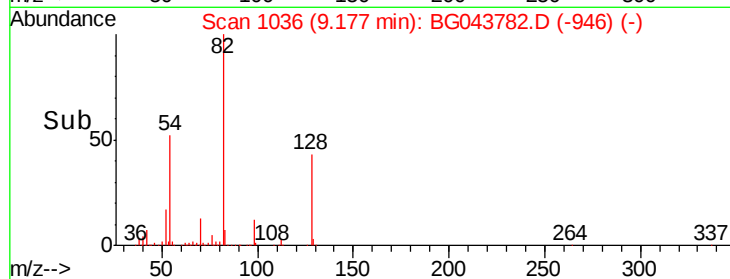
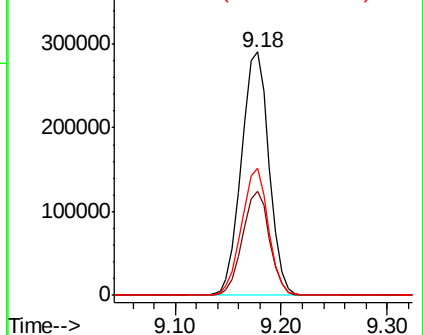


Abundance

Ion 82.00 (81.70 to 82.70): BGC

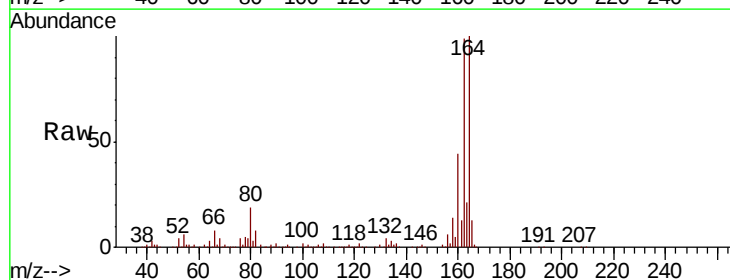
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1967
 Delta R.T. -0.01 min
 Lab File: BG043782.D
 Acq: 26 Nov 2019 17:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.0	80.6	121.0
160	44.0	36.3	54.5

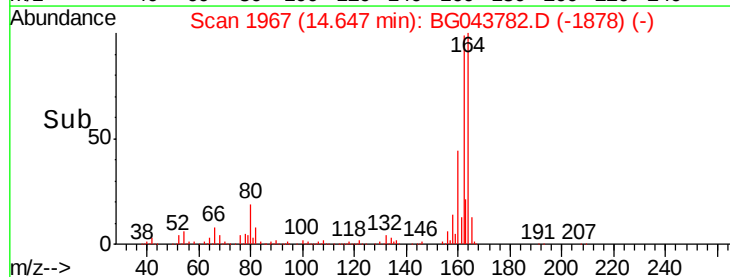
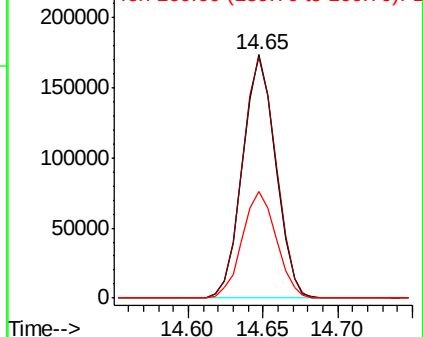


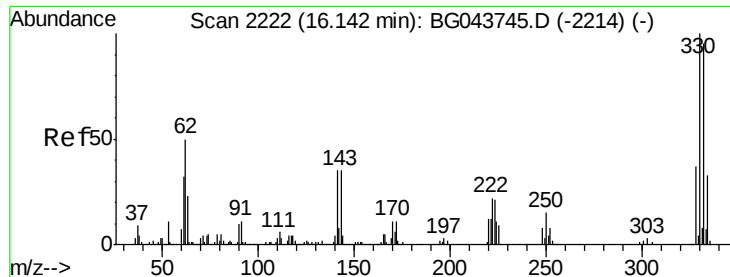
Abundance

Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

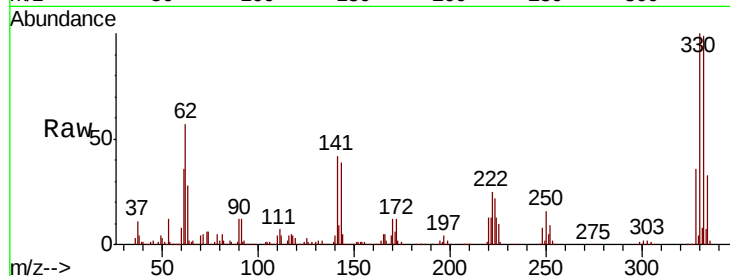




#42
 2,4,6-Tribromophenol
 Concen: 143.523 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.01 min
 Lab File: BG043782.D
 Acq: 26 Nov 2019 17:53

Instrument :
 BNA_G
 ClientSampleId :
 AU-06-112219

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.3	115.9
141	41.9	31.4	47.2

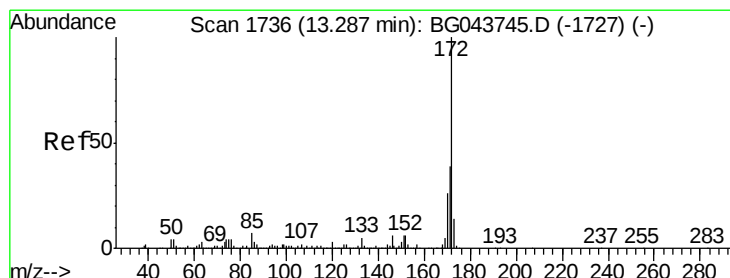
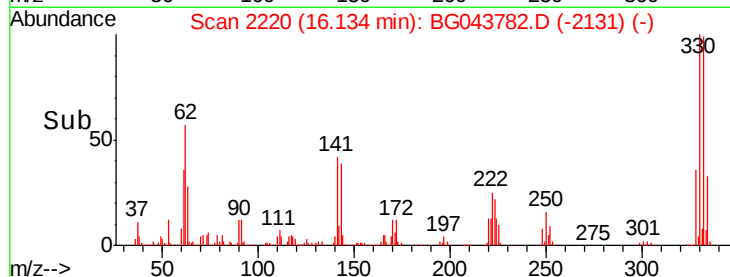
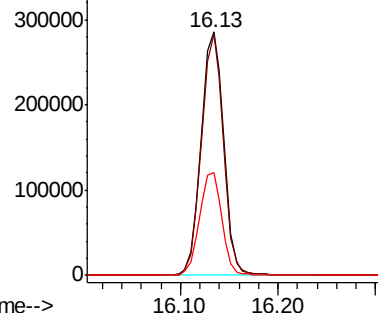


Abundance

Ion 329.80 (329.50 to 330.50): E

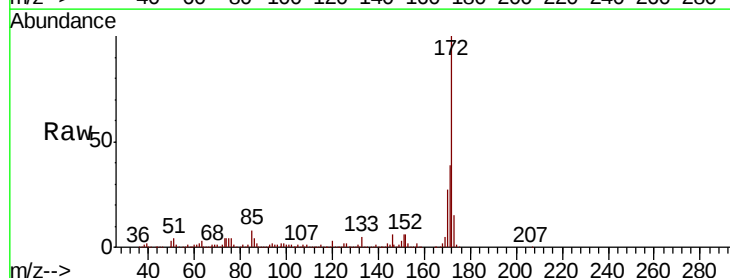
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 78.653 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BG043782.D
 Acq: 26 Nov 2019 17:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.2	31.0	46.6
170	26.8	21.0	31.4

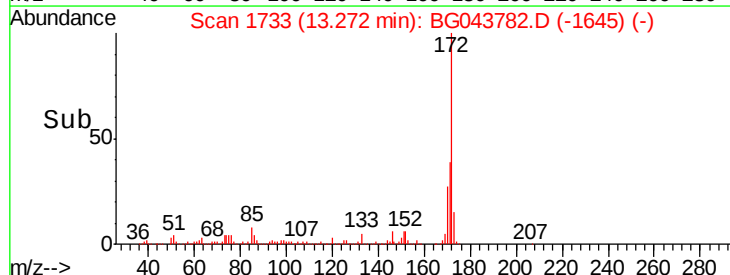
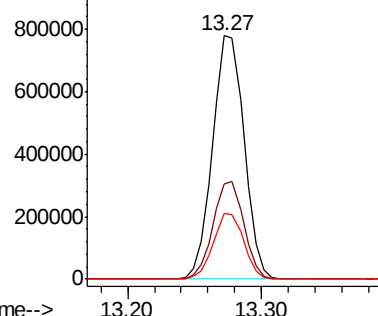


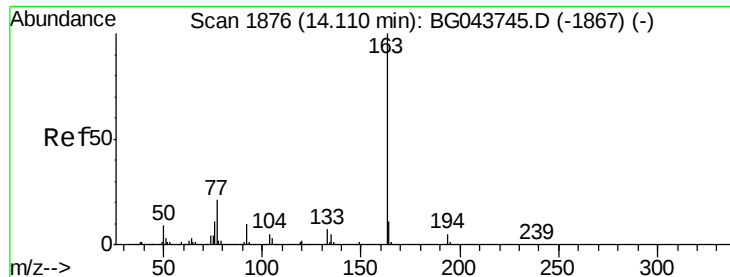
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 3.654 ng

RT: 14.10 min Scan# 1873

Delta R.T. -0.01 min

Lab File: BG043782.D

Acq: 26 Nov 2019 17:53

Instrument :

BNA_G

ClientSampleId :

AU-06-112219

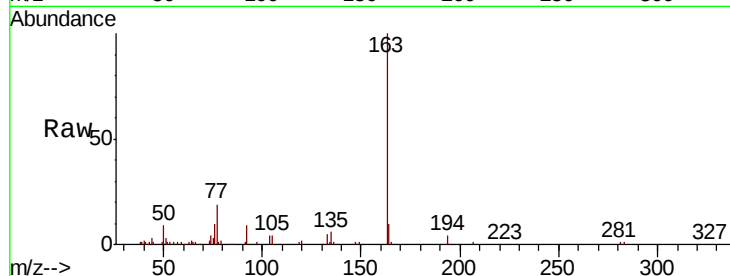
Tot Ion:163 Resp: 76809

Ion Ratio Lower Upper

163 100

194 3.6 3.7 5.5#

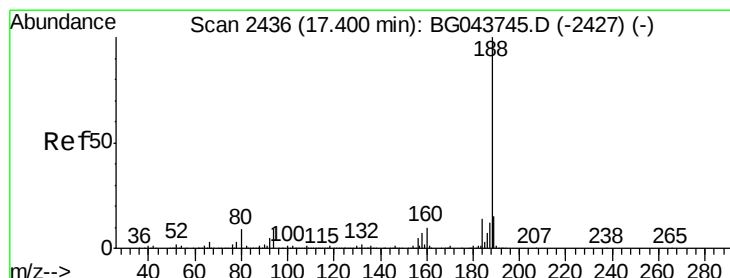
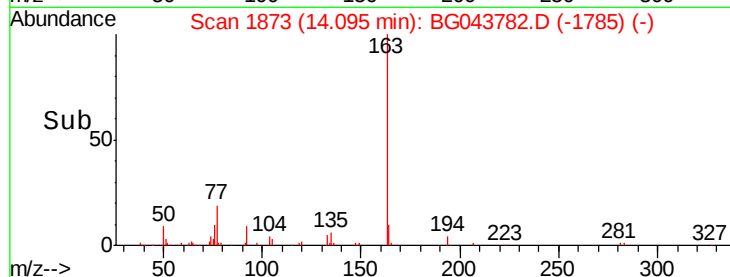
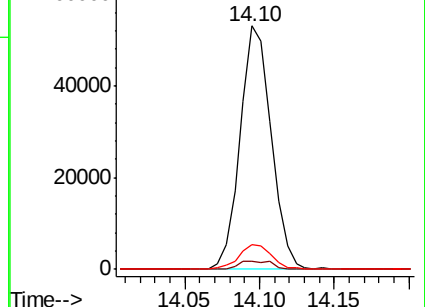
164 10.4 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2434

Delta R.T. -0.01 min

Lab File: BG043782.D

Acq: 26 Nov 2019 17:53

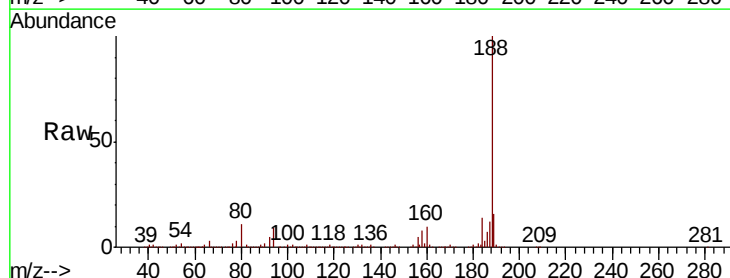
Tgt Ion:188 Resp: 765039

Ion Ratio Lower Upper

188 100

94 8.7 6.9 10.3

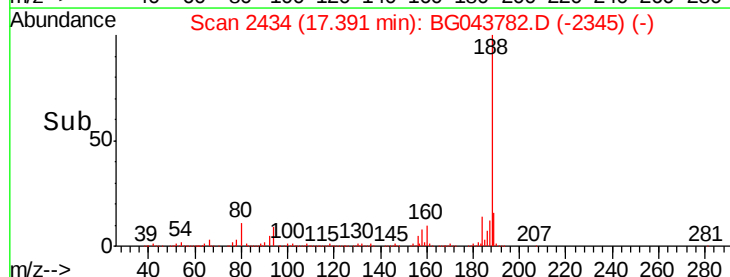
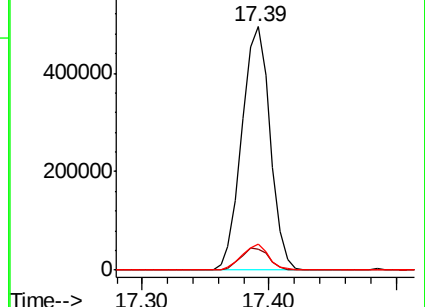
80 10.6 7.5 11.3

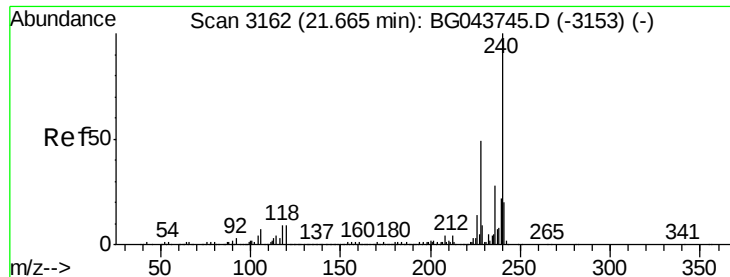


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

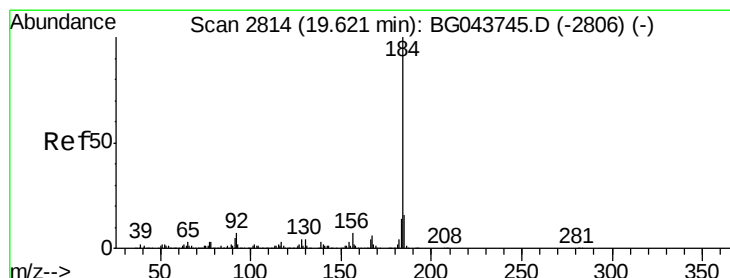
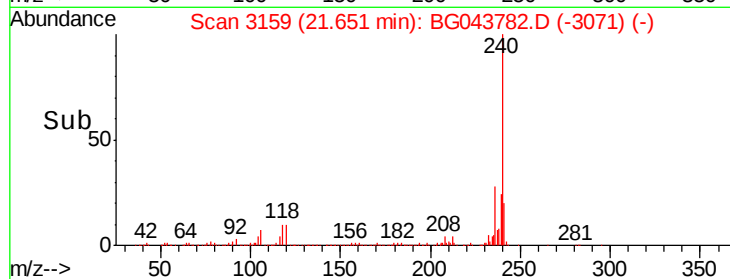
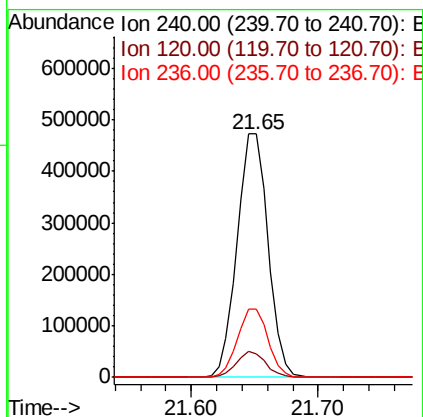
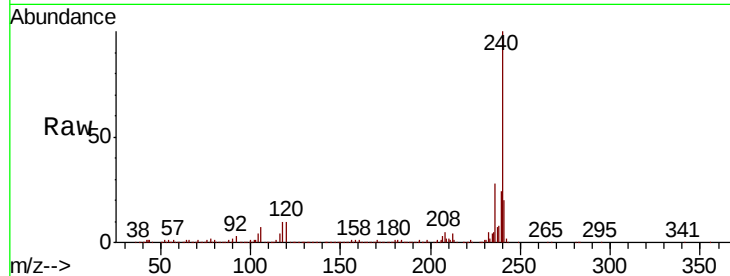




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.01 min
Lab File: BG043782.D
Acq: 26 Nov 2019 17:53

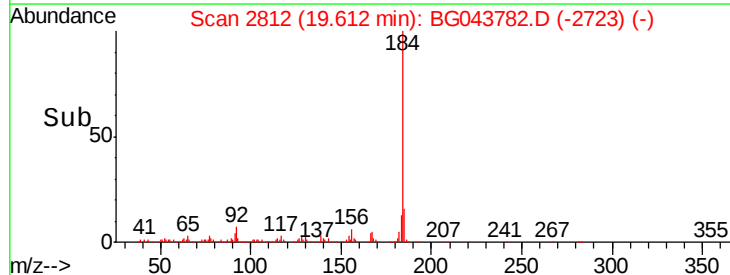
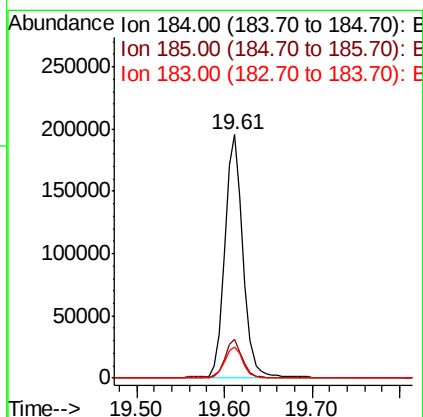
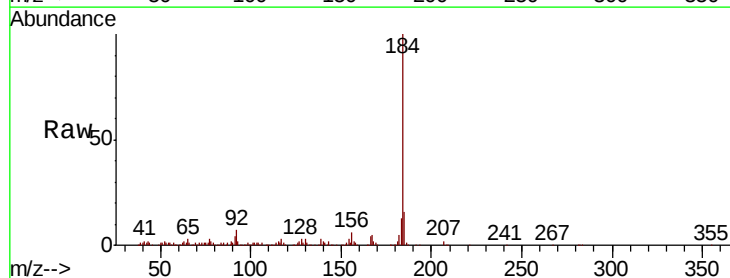
Instrument :
BNA_G
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AU-06-112219

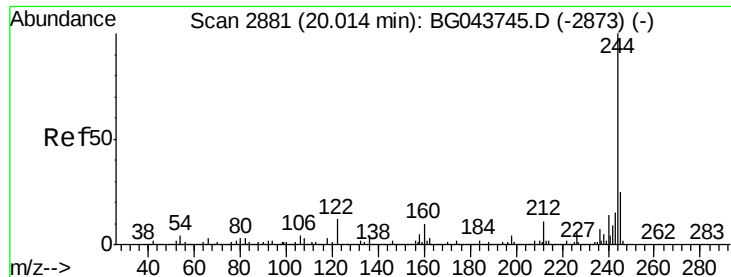
Tot Ion:240 Resp: 800822
Ion Ratio Lower Upper
240 100
120 9.7 7.5 11.3
236 27.9 22.6 34.0



#77
Benzidine
Concen: 12.073 ng
RT: 19.61 min Scan# 2812
Delta R.T. -0.01 min
Lab File: BG043782.D
Acq: 26 Nov 2019 17:53

Tgt Ion:184 Resp: 282412
Ion Ratio Lower Upper
184 100
185 15.8 12.8 19.2
183 12.9 11.3 16.9





#79

Terphenyl-d14

Concen: 81.002 ng

RT: 20.01 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043782.D

Acq: 26 Nov 2019 17:53

Instrument :

BNA_G

ClientSampleId :

AU-06-112219

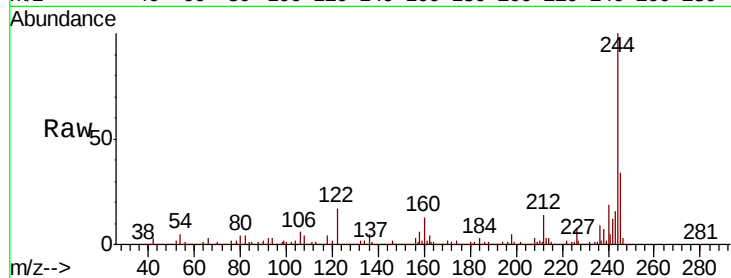
Tot Ion:244 Resp: 2870741

Ion	Ratio	Lower	Upper
244	100		
212	13.9	8.5	12.7#
122	17.1	9.5	14.3#

244 100

212 13.9 8.5 12.7#

122 17.1 9.5 14.3#

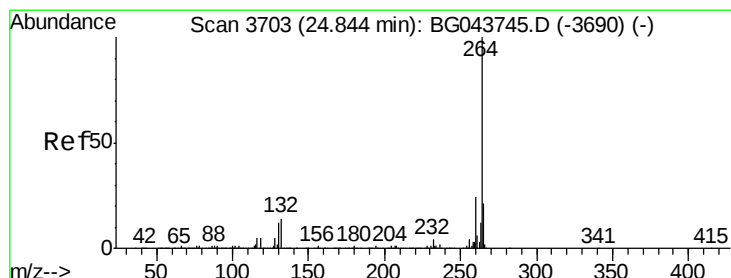
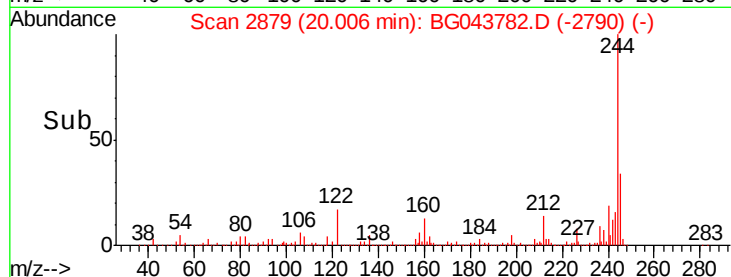
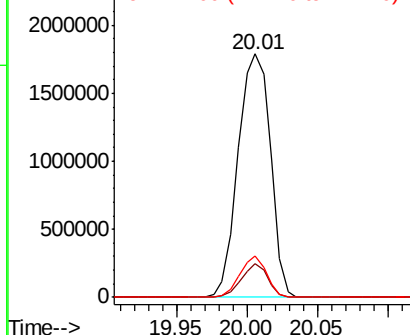


Abundance

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: 24.82 min Scan# 3699

Delta R.T. -0.02 min

Lab File: BG043782.D

Acq: 26 Nov 2019 17:53

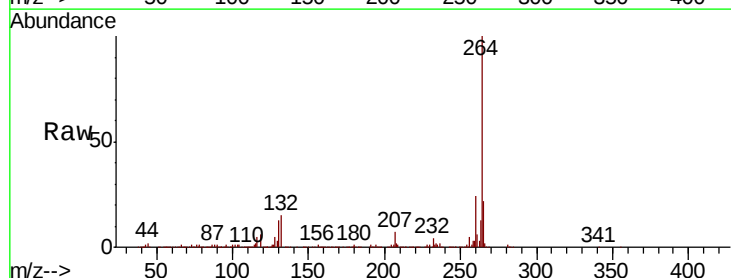
Tgt Ion:264 Resp: 759299

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	22.4	17.0	25.6

264 100

260 24.5 19.4 29.2

265 22.4 17.0 25.6



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

