

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112319\
 Data File : BG043759.D
 Acq On : 23 Nov 2019 17:02
 Operator : JU
 Sample : K5668-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-112119

Quant Time: Nov 25 03:02:44 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

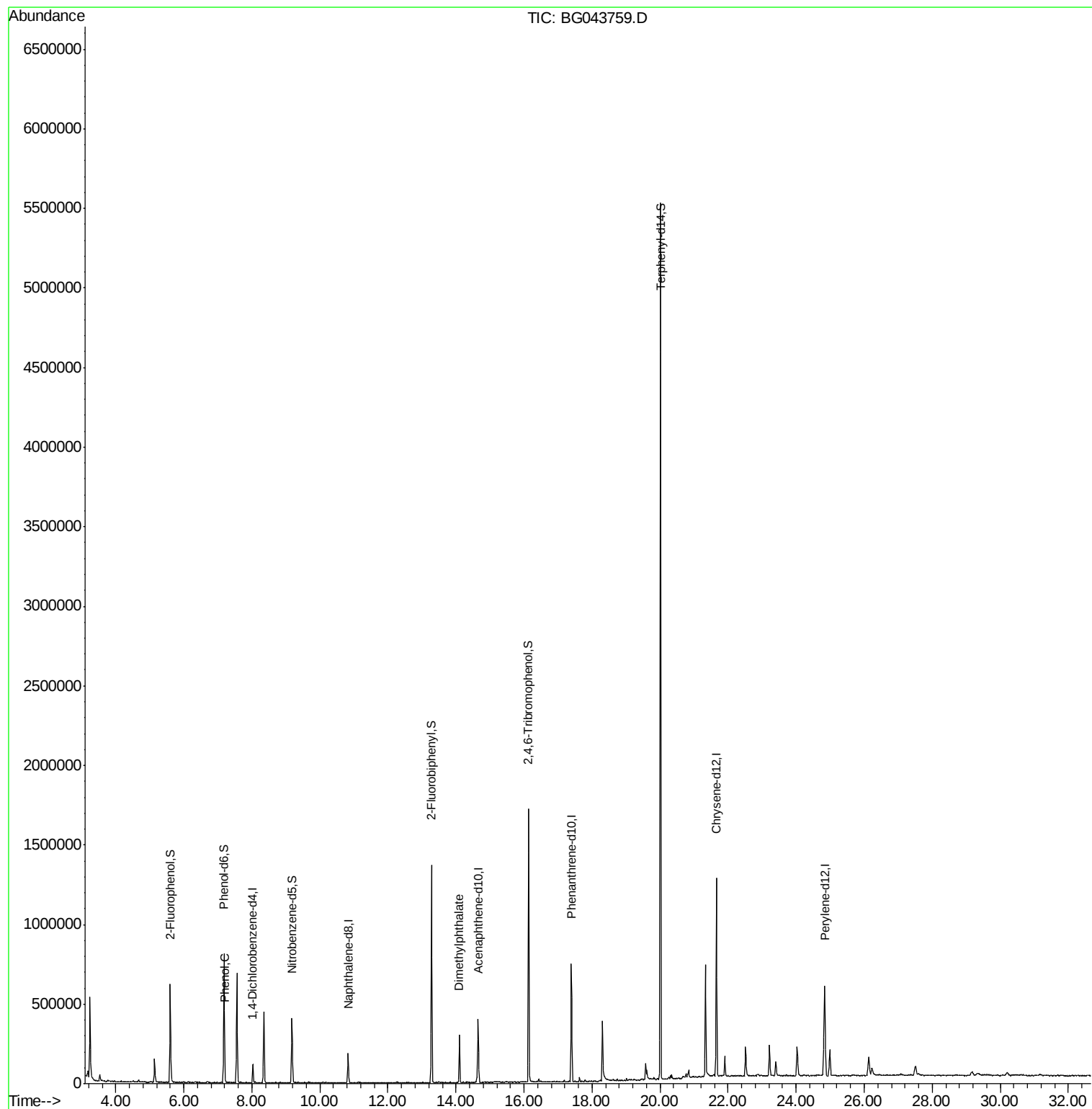
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	32734	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	158205	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	145064	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	484205	20.00	ng	0.00
76) Chrysene-d12	21.66	240	667168	20.00	ng	0.00
87) Perylene-d12	24.84	264	594399	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	303935	166.92	ng	0.00
7) Phenol-d6	7.18	99	473846	179.02	ng	0.00
23) Nitrobenzene-d5	9.18	82	244461	84.96	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	306830	175.36	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	719379	81.52	ng	0.00
79) Terphenyl-d14	20.01	244	2307202	78.14	ng	0.00
Target Compounds						
10) Phenol	7.20	94	11067	4.073	ng	Qvalue # 78
50) Dimethylphthalate	14.10	163	196377	17.089	ng	98

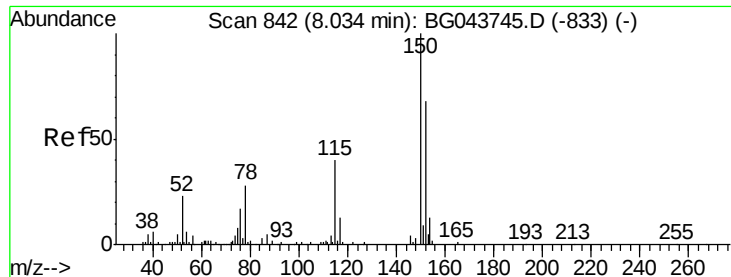
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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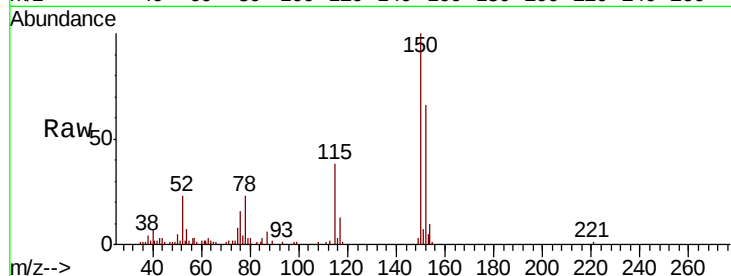


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.03 min Scan# 841
 Delta R.T. -0.00 min
 Lab File: BG043759.D
 Acq: 23 Nov 2019 17:02

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-112119

Tot Ion	152	Resp	32734
Ion Ratio	Lower	Upper	
152	100		
150	151.0	117.8	176.8
115	57.3	47.0	70.4

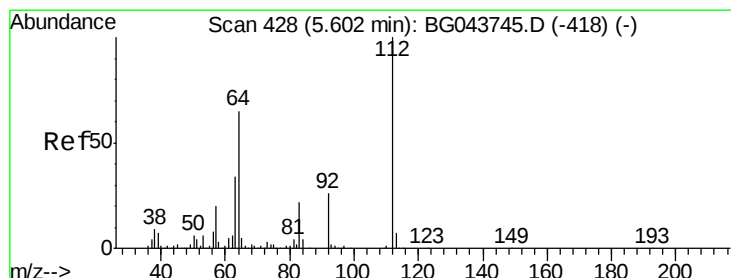
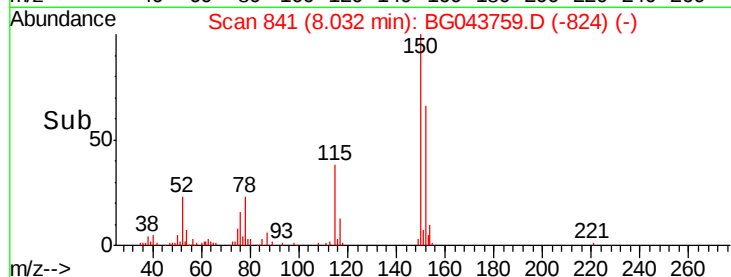
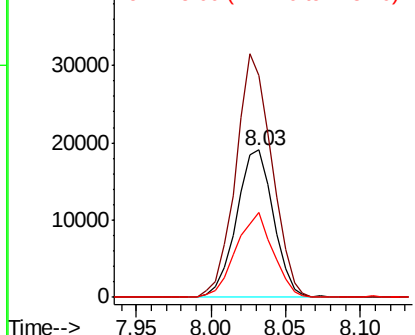


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

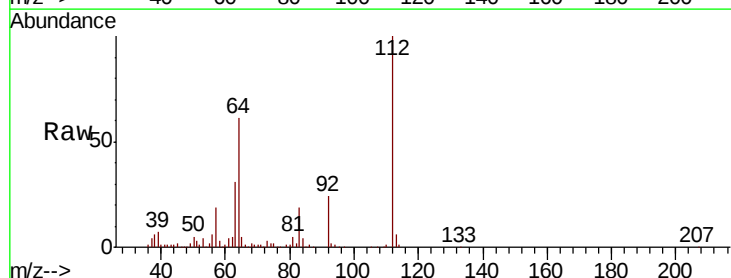
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 166.924 ng
 RT: 5.61 min Scan# 428
 Delta R.T. 0.00 min
 Lab File: BG043759.D
 Acq: 23 Nov 2019 17:02

Tgt Ion	112	Resp	303935
Ion Ratio	Lower	Upper	
112	100		
64	60.6	51.7	77.5
63	31.2	26.8	40.2

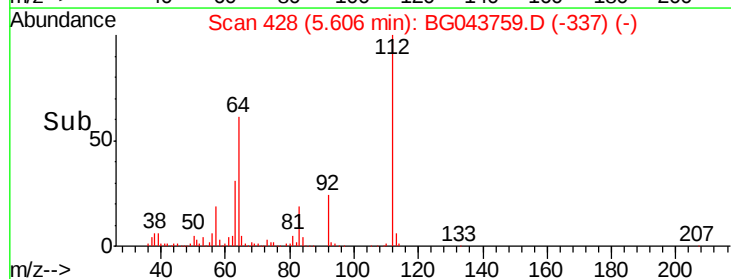
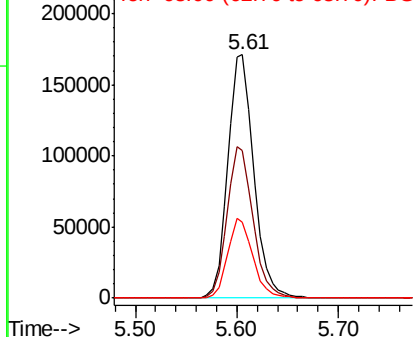


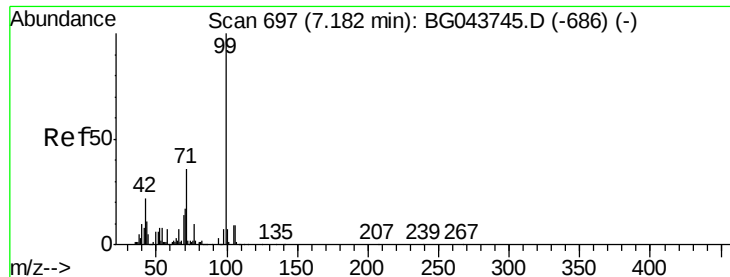
Abundance

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: 179.023 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.00 min

Lab File: BG043759.D

Acq: 23 Nov 2019 17:02

Instrument :

BNA_G

ClientSampleId :

HD-01-112119

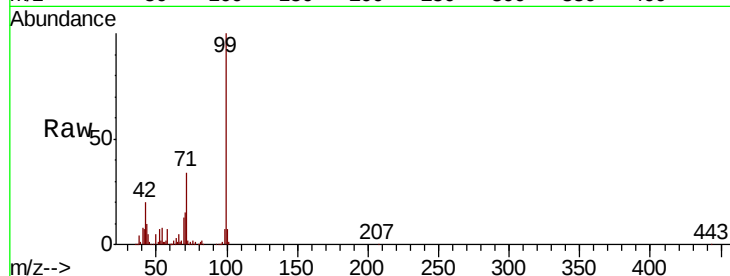
Tot Ion: 99 Resp: 473846

Ion Ratio Lower Upper

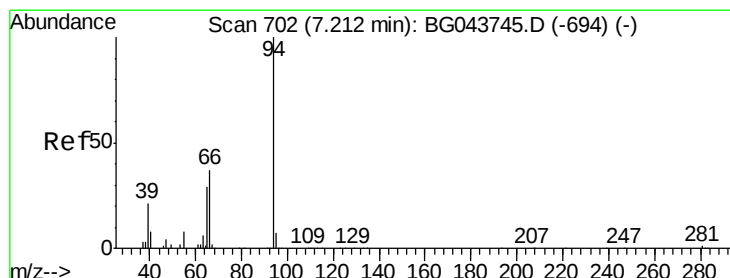
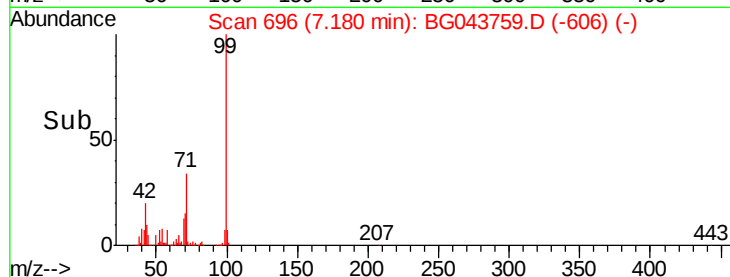
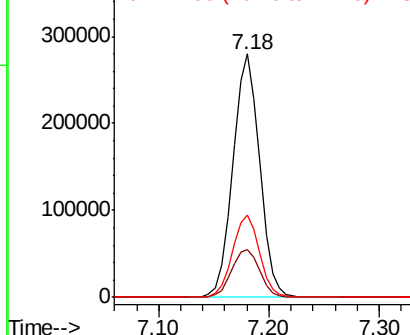
99 100

42 19.6 17.4 26.0

71 33.8 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



#10

Phenol

Concen: 4.073 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG043759.D

Acq: 23 Nov 2019 17:02

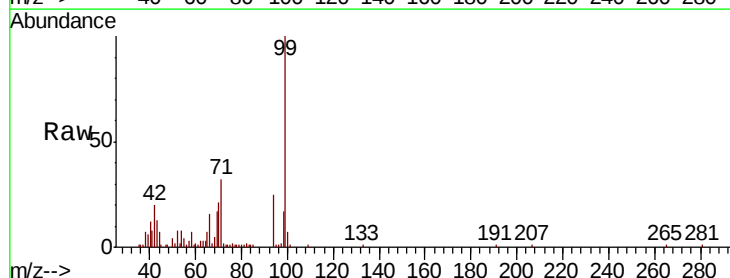
Tgt Ion: 94 Resp: 11067

Ion Ratio Lower Upper

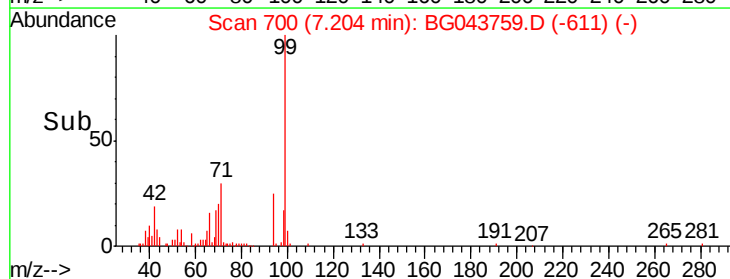
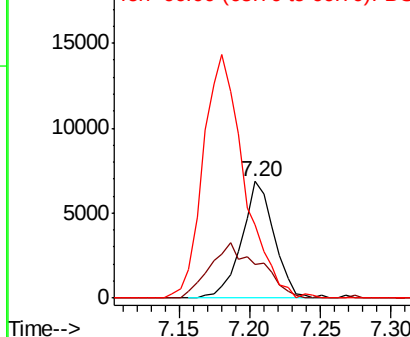
94 100

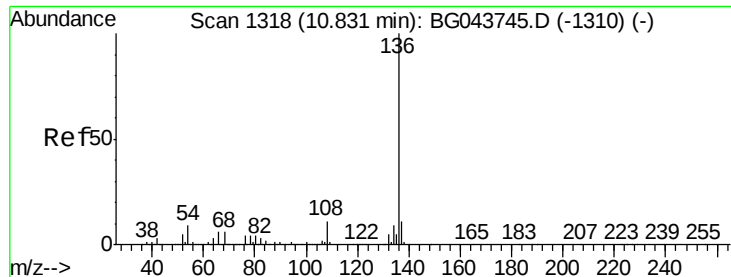
65 28.8 10.3 50.3

66 62.6 20.5 60.5#



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

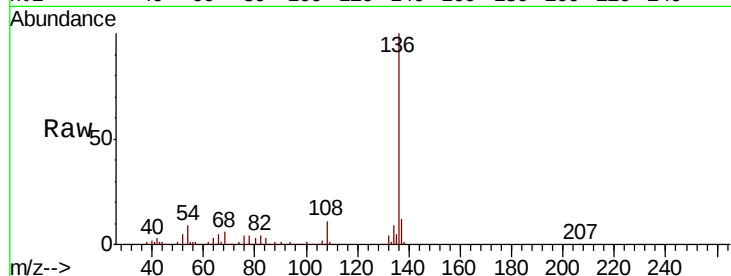




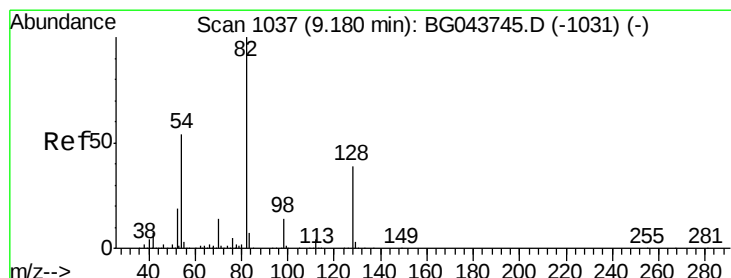
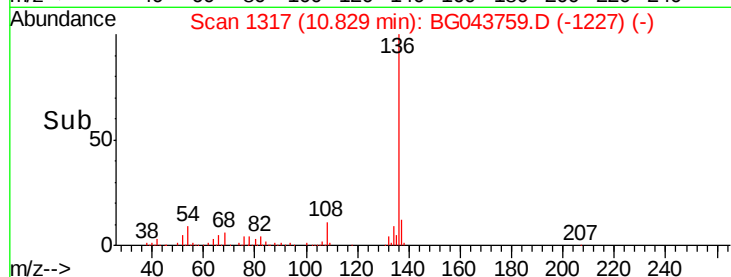
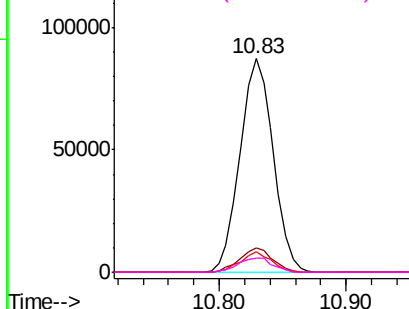
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG043759.D
Acq: 23 Nov 2019 17:02

Instrument :
BNA_G
ClientSampleId :
HD-01-112119

Tot Ion:136	Resp:	158205
Ion	Ratio	Lower Upper
136	100	
137	11.5	8.8 13.2
54	9.4	7.5 11.3
68	6.4	4.9 7.3

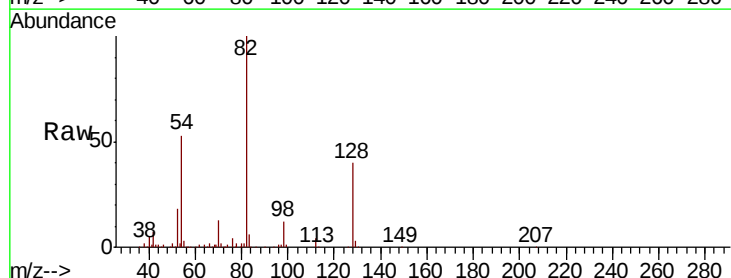


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

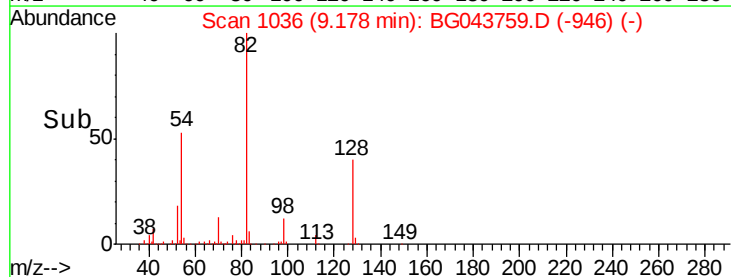
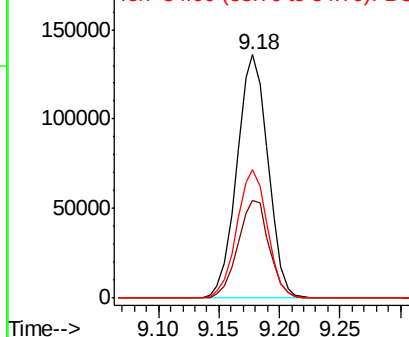


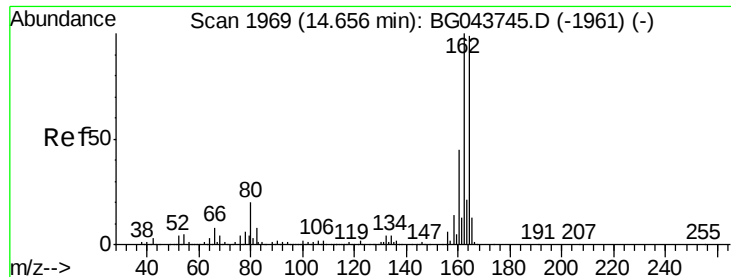
#23
Nitrobenzene-d5
Concen: 84.960 ng
RT: 9.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG043759.D
Acq: 23 Nov 2019 17:02

Tgt Ion: 82	Resp:	244461
Ion	Ratio	Lower Upper
82	100	
128	40.3	31.3 46.9
54	52.8	42.7 64.1



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: 14.65 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG043759.D

Acq: 23 Nov 2019 17:02

Instrument :

BNA_G

ClientSampleId :

HD-01-112119

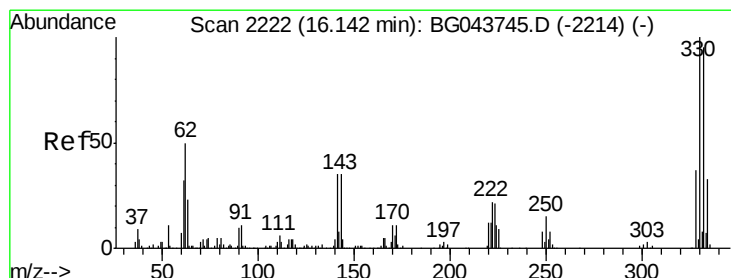
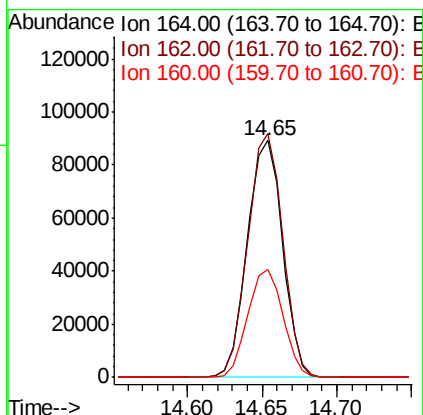
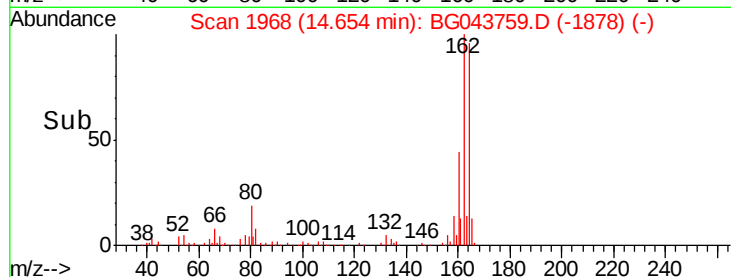
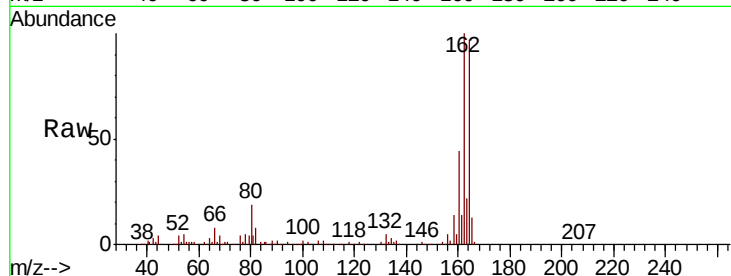
Tot Ion:164 Resp: 145064

Ion Ratio Lower Upper

164 100

162 102.9 80.6 121.0

160 45.5 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 175.362 ng

RT: 16.13 min Scan# 2220

Delta R.T. -0.01 min

Lab File: BG043759.D

Acq: 23 Nov 2019 17:02

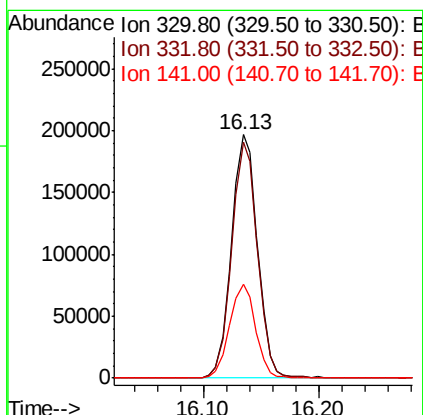
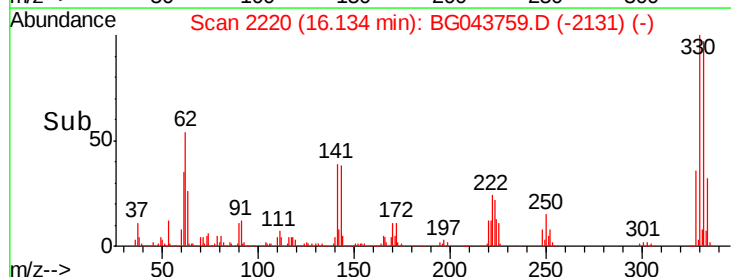
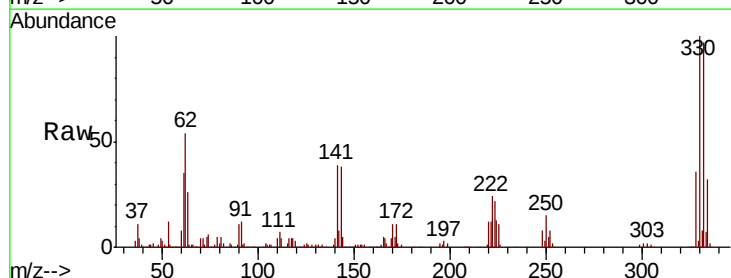
Tgt Ion:330 Resp: 306830

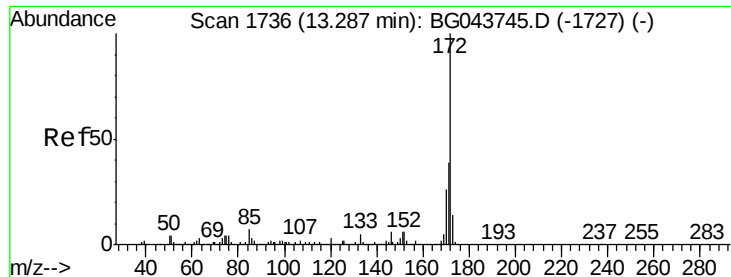
Ion Ratio Lower Upper

330 100

332 95.5 77.3 115.9

141 38.4 31.4 47.2

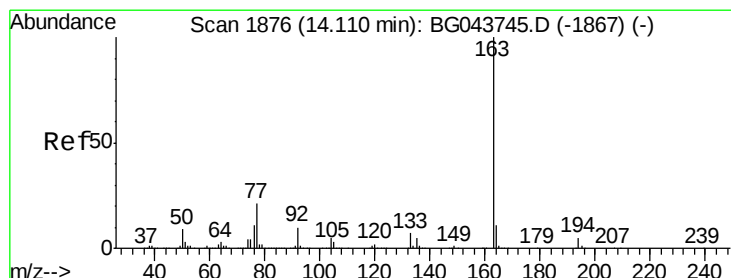
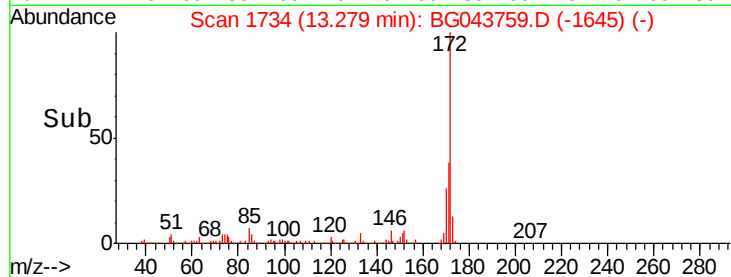
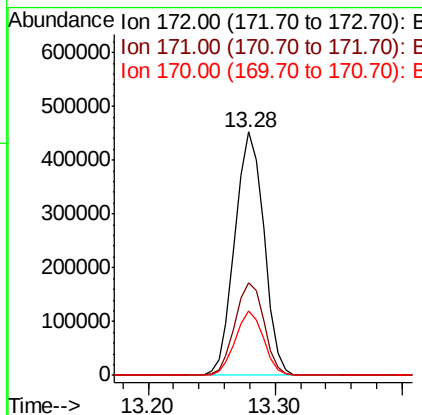
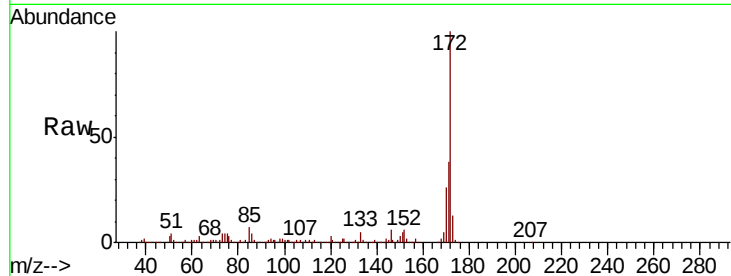




#45
2-Fluorobiphenyl
Concen: 81.516 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG043759.D
Acq: 23 Nov 2019 17:02

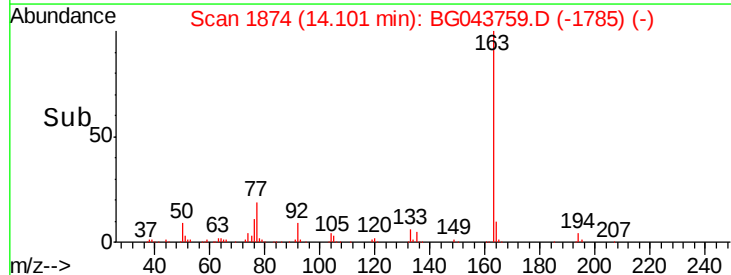
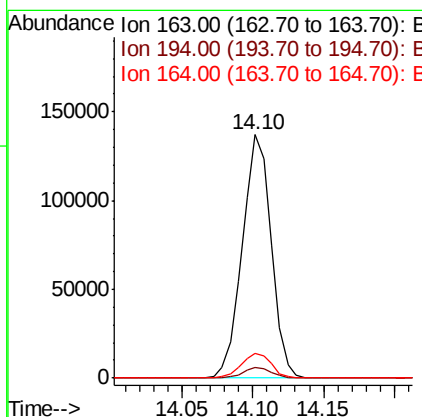
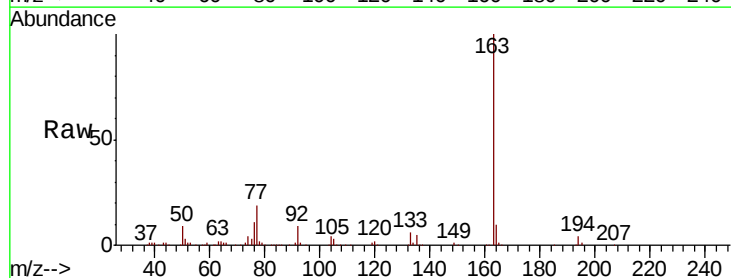
Instrument :
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HD-01-112119

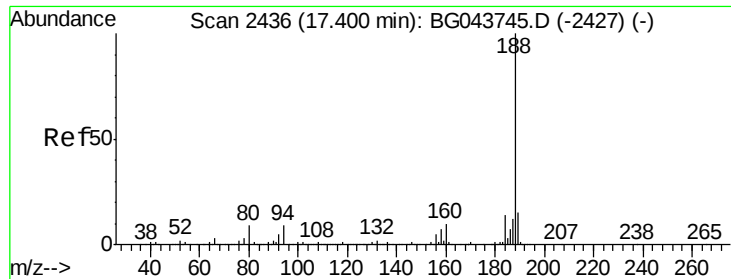
Tot Ion:172 Resp: 719379
Ion Ratio Lower Upper
172 100
171 37.8 31.0 46.6
170 26.3 21.0 31.4



#50
Dimethylphthalate
Concen: 17.089 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG043759.D
Acq: 23 Nov 2019 17:02

Tgt Ion:163 Resp: 196377
Ion Ratio Lower Upper
163 100
194 4.3 3.7 5.5
164 10.2 8.7 13.1

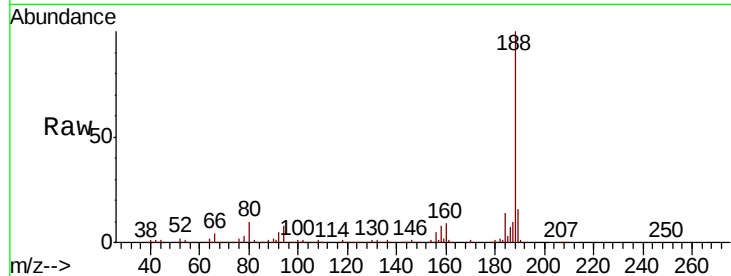




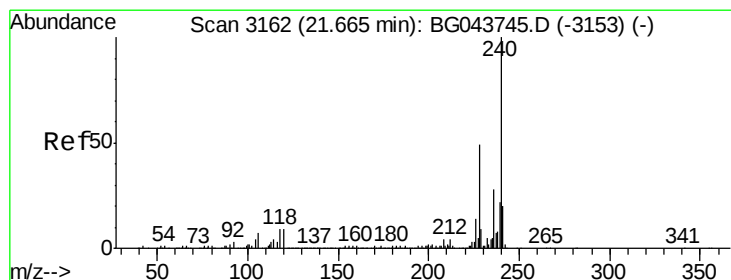
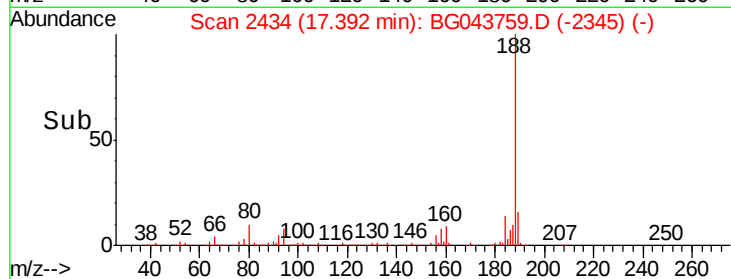
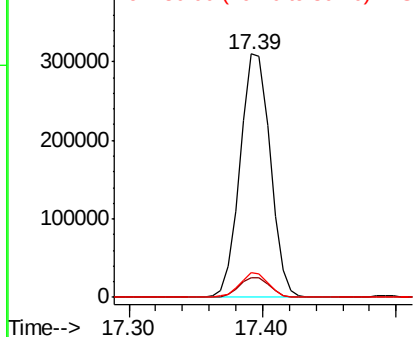
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2434
Delta R.T. -0.01 min
Lab File: BG043759.D
Acq: 23 Nov 2019 17:02

Instrument :
BNA_G
ClientSampleId :
HD-01-112119

Tot Ion:188 Resp: 484205
Ion Ratio Lower Upper
188 100
94 7.9 6.9 10.3
80 10.0 7.5 11.3

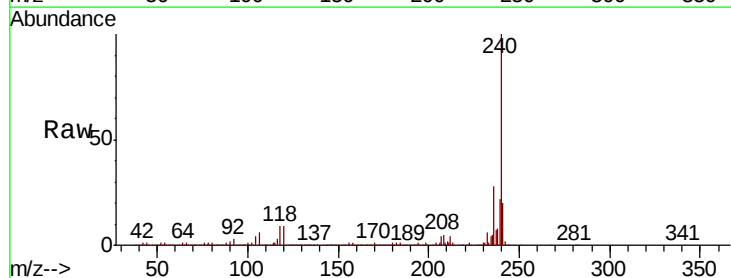


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

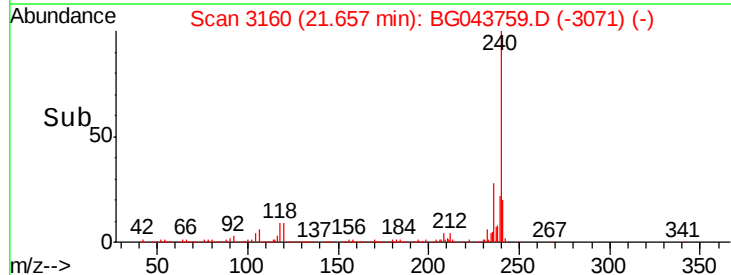
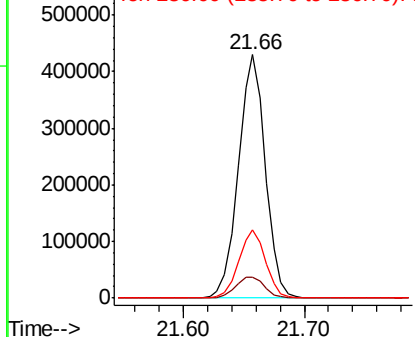


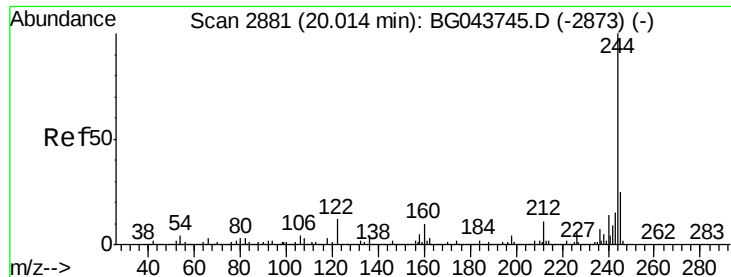
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3160
Delta R.T. -0.01 min
Lab File: BG043759.D
Acq: 23 Nov 2019 17:02

Tgt Ion:240 Resp: 667168
Ion Ratio Lower Upper
240 100
120 8.8 7.5 11.3
236 27.9 22.6 34.0



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: 78.143 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.00 min

Lab File: BG043759.D

Acq: 23 Nov 2019 17:02

Instrument :

BNA_G

ClientSampleId :

HD-01-112119

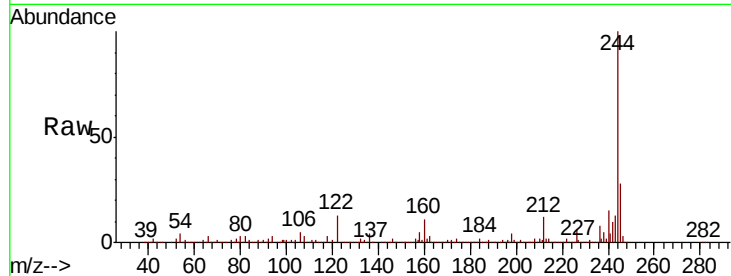
Tot Ion:244 Resp: 2307202

Ion Ratio Lower Upper

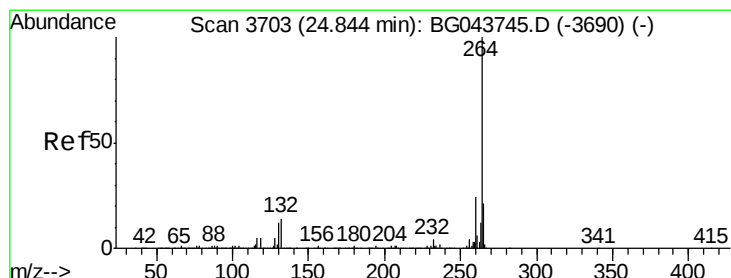
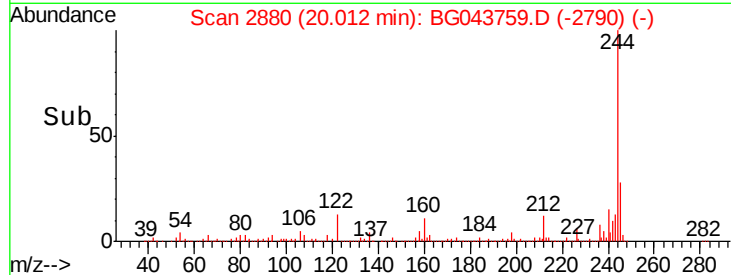
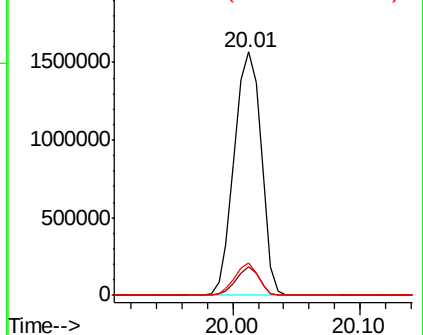
244 100

212 11.6 8.5 12.7

122 13.4 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: 24.84 min Scan# 3701

Delta R.T. -0.01 min

Lab File: BG043759.D

Acq: 23 Nov 2019 17:02

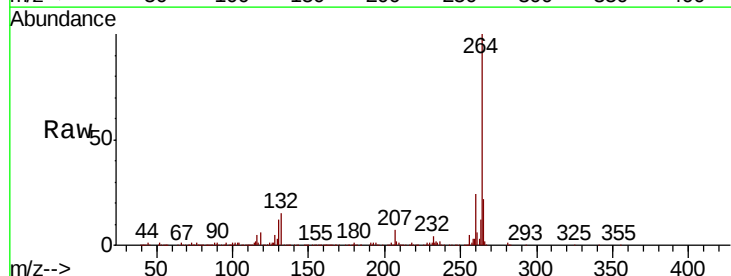
Tgt Ion:264 Resp: 594399

Ion Ratio Lower Upper

264 100

260 24.2 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

