

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082519\
 Data File : BG042479.D
 Acq On : 25 Aug 2019 15:47
 Operator : HP/JU
 Sample : K4510-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-14-COMP

Quant Time: Aug 26 07:59:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

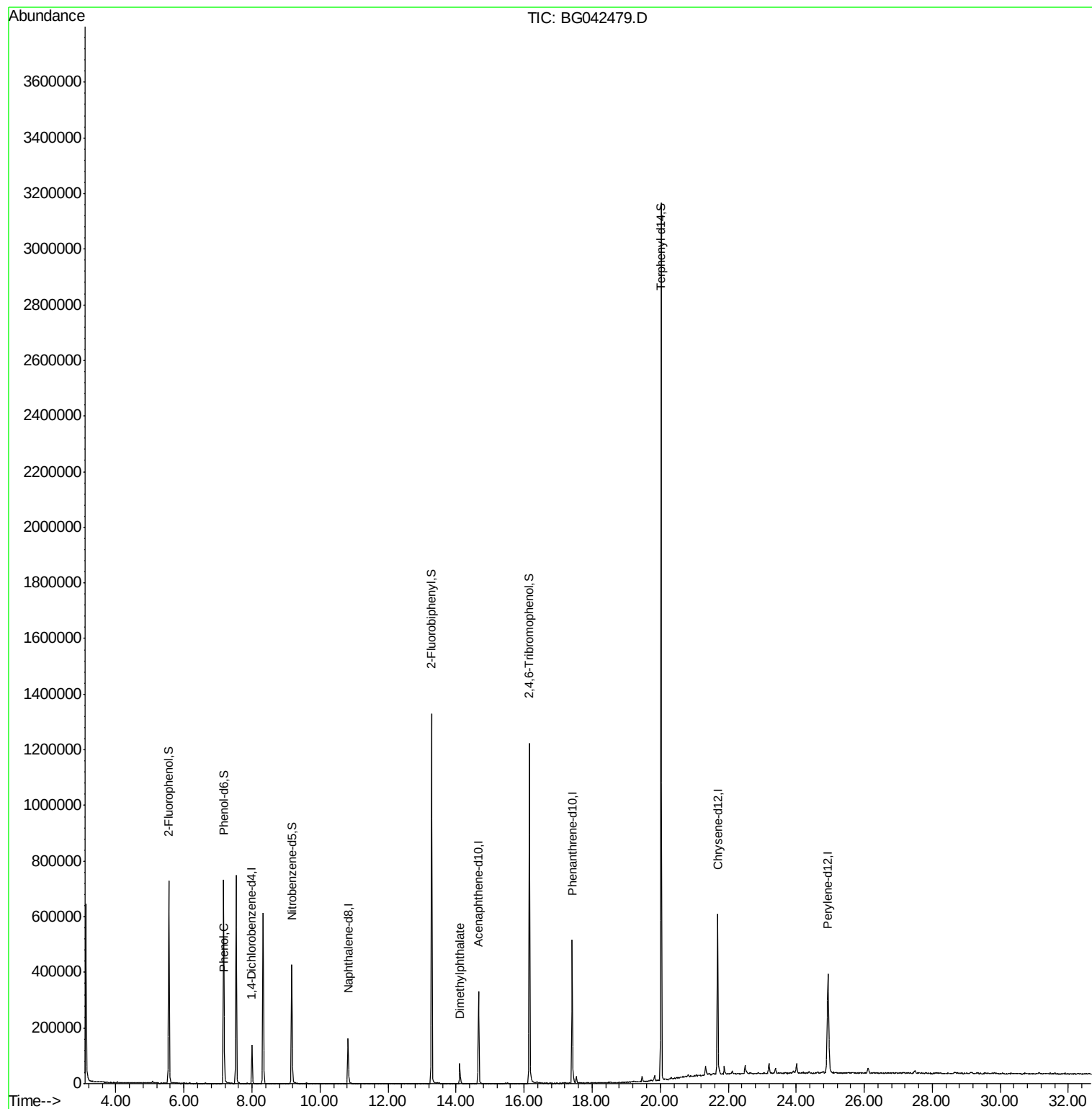
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	46450	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	182242	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	135831	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	354525	20.00	ng	0.00
76) Chrysene-d12	21.69	240	374676	20.00	ng	0.00
87) Perylene-d12	24.93	264	434669	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	363229	158.37	ng	0.00
7) Phenol-d6	7.17	99	499910	161.37	ng	0.00
23) Nitrobenzene-d5	9.17	82	285301	108.18	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	312140	161.68	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	816138	101.62	ng	0.00
79) Terphenyl-d14	20.03	244	1565497	90.33	ng	0.00
Target Compounds						
10) Phenol	7.19	94	9381	2.978	ng	Qvalue # 61
50) Dimethylphthalate	14.11	163	70293	7.172	ng	99

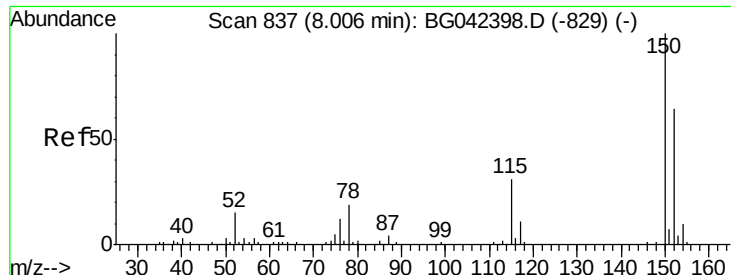
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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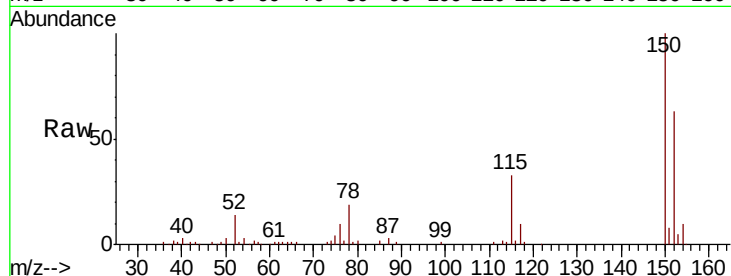


#1

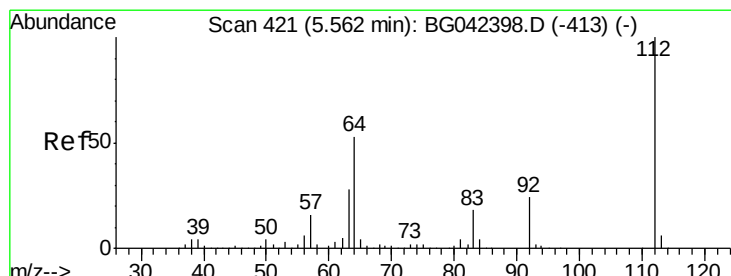
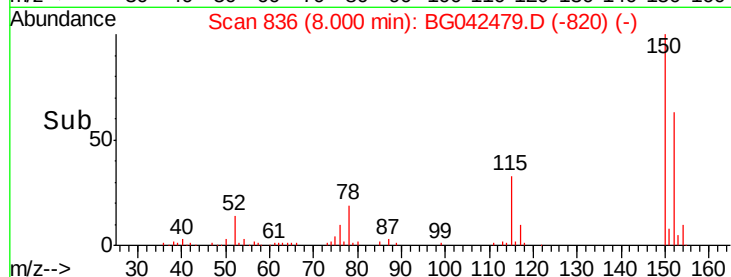
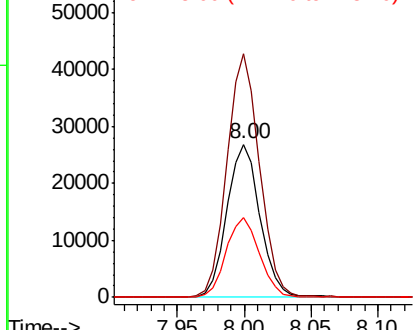
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042479.D
Acq: 25 Aug 2019 15:47

Instrument :
BNA_G
ClientSampleId :
SB-14-COMP

Tot Ion:152 Resp: 46450
Ion Ratio Lower Upper
152 100
150 159.3 125.4 188.0
115 51.8 38.5 57.7



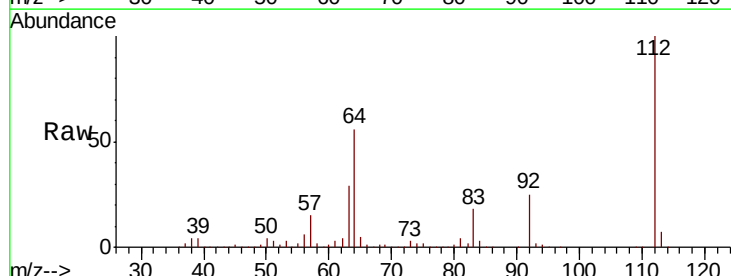
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



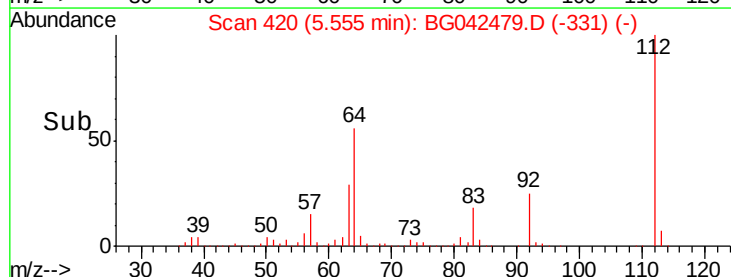
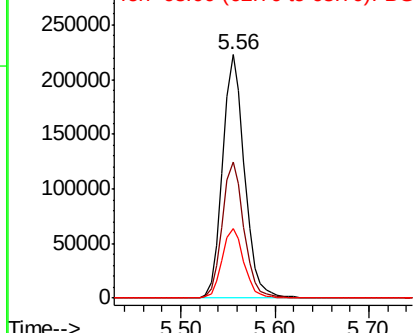
#5

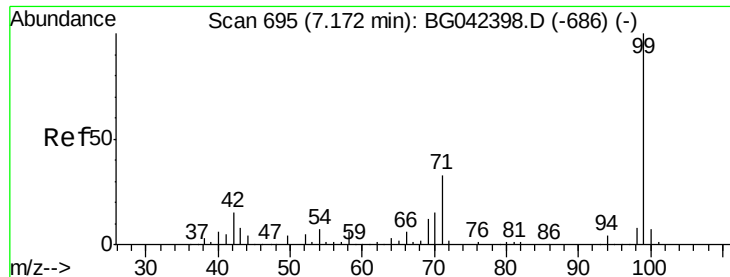
2-Fluorophenol
Concen: 158.373 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042479.D
Acq: 25 Aug 2019 15:47

Tgt Ion:112 Resp: 363229
Ion Ratio Lower Upper
112 100
64 55.7 42.8 64.2
63 28.7 22.7 34.1



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: 161.366 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042479.D

Acq: 25 Aug 2019 15:47

Instrument :

BNA_G

ClientSampleId :

SB-14-COMP

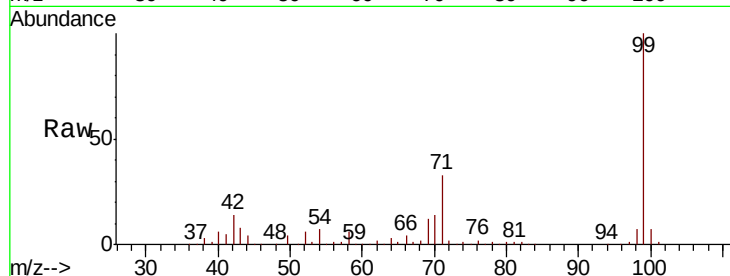
Tot Ion: 99 Resp: 499910

Ion Ratio Lower Upper

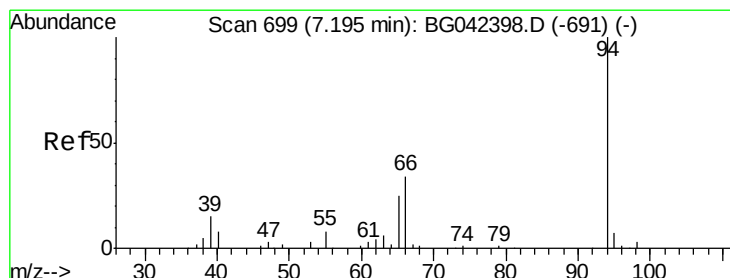
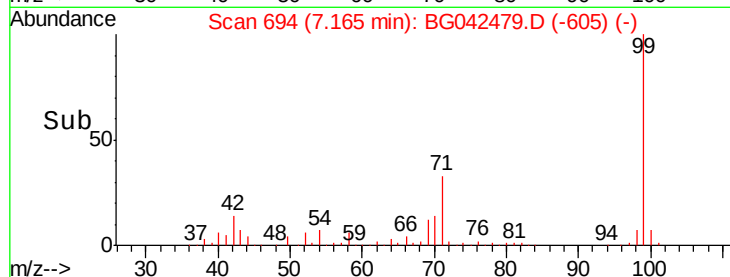
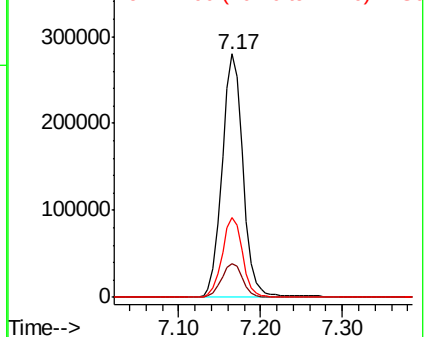
99 100

42 14.1 12.0 18.0

71 32.6 26.3 39.5



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: 2.978 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG042479.D

Acq: 25 Aug 2019 15:47

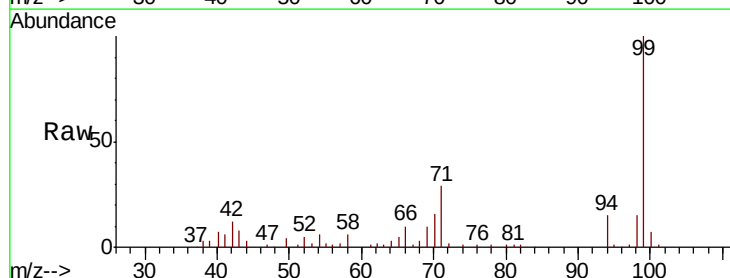
Tgt Ion: 94 Resp: 9381

Ion Ratio Lower Upper

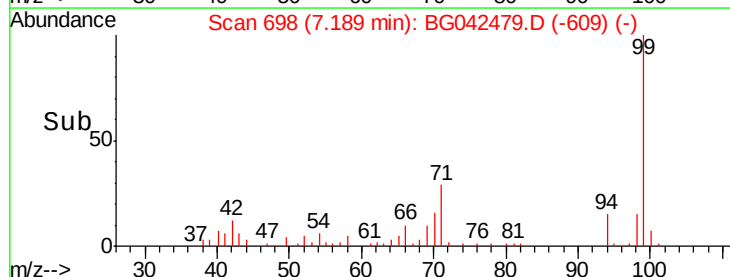
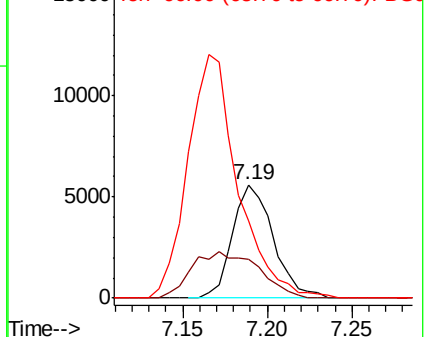
94 100

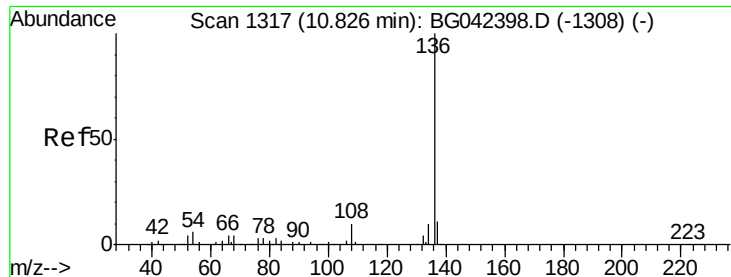
65 33.9 5.6 45.6

66 68.0 16.0 56.0#



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

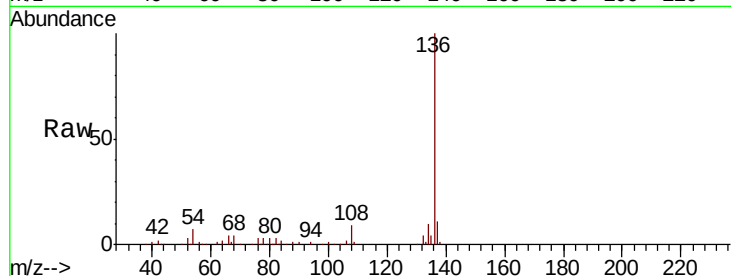




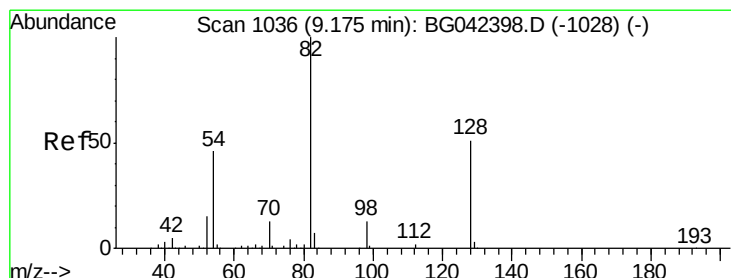
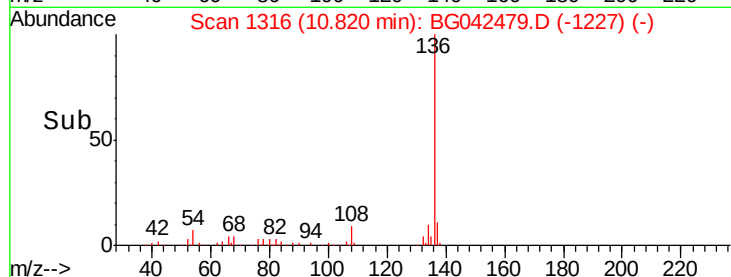
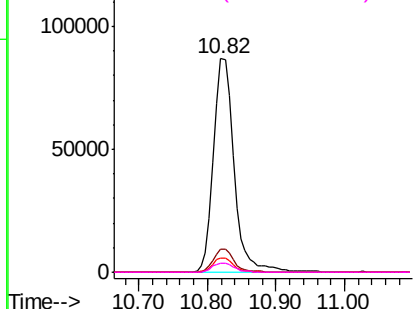
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042479.D
Acq: 25 Aug 2019 15:47

Instrument :
BNA_G
ClientSampleId :
SB-14-COMP

Tot Ion:136	Resp:	182242
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.7	13.1
54 6.9	4.9	7.3
68 4.5	3.6	5.4

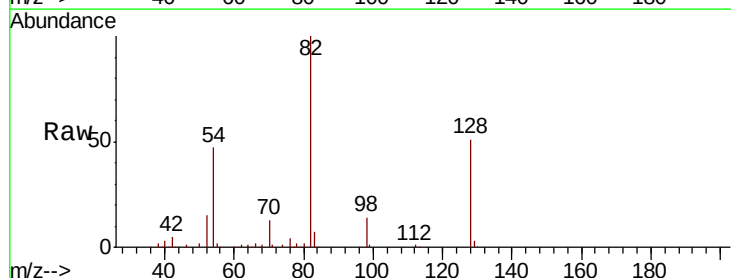


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

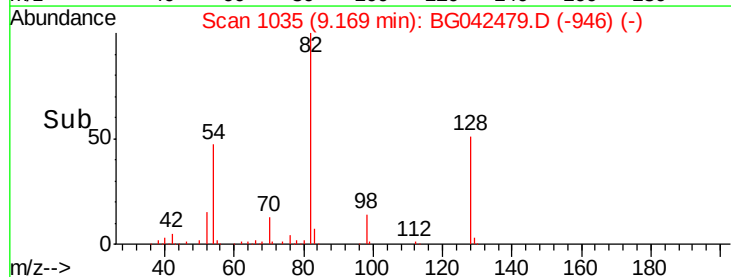
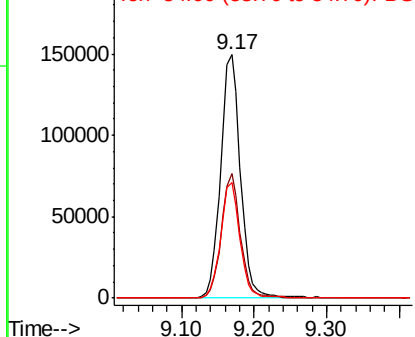


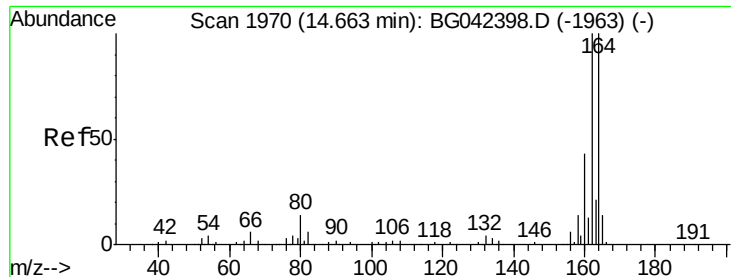
#23
Nitrobenzene-d5
Concen: 108.183 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG042479.D
Acq: 25 Aug 2019 15:47

Tgt Ion: 82	Resp: 285301
Ion Ratio	Lower Upper
82 100	
128 51.3	40.7 61.1
54 47.4	36.3 54.5



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: 14.66 min Scan# 1970

Delta R.T. -0.00 min

Lab File: BG042479.D

Acq: 25 Aug 2019 15:47

Instrument :

BNA_G

ClientSampleId :

SB-14-COMP

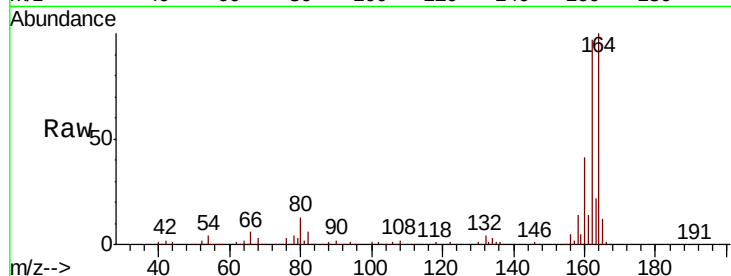
Tot Ion:164 Resp: 135831

Ion Ratio Lower Upper

164 100

162 97.5 79.9 119.9

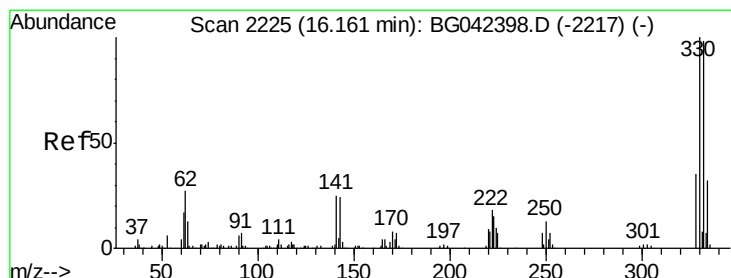
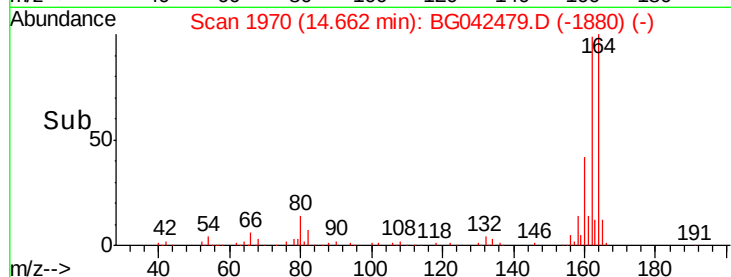
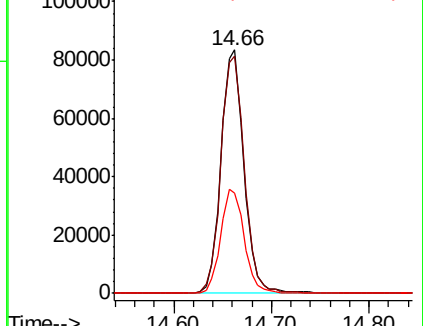
160 41.0 34.3 51.5



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: 161.679 ng

RT: 16.15 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG042479.D

Acq: 25 Aug 2019 15:47

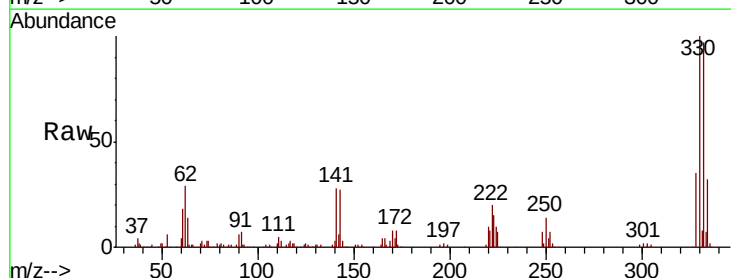
Tgt Ion:330 Resp: 312140

Ion Ratio Lower Upper

330 100

332 97.1 77.4 116.0

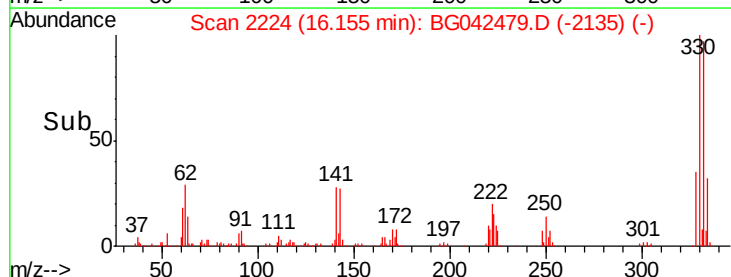
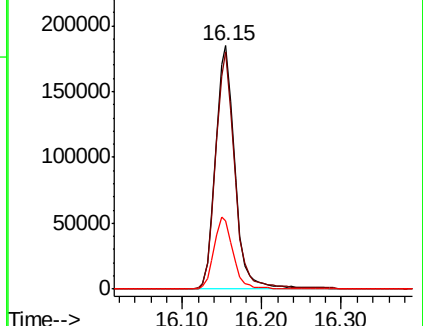
141 29.3 21.4 32.0

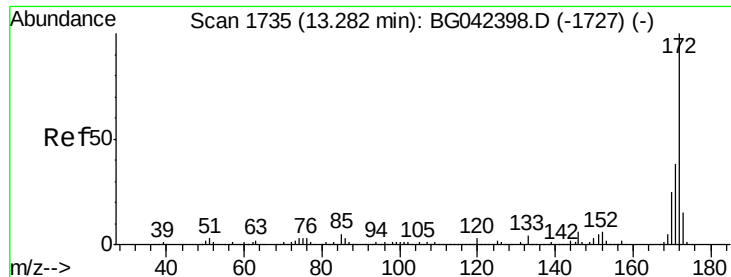


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

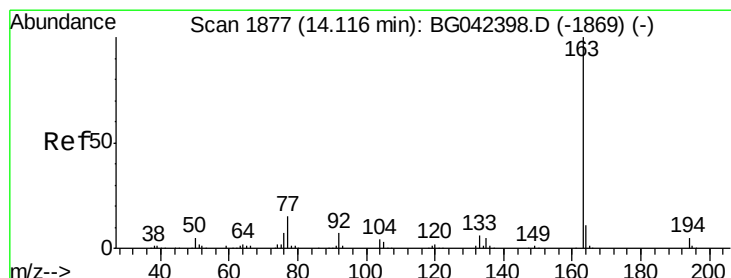
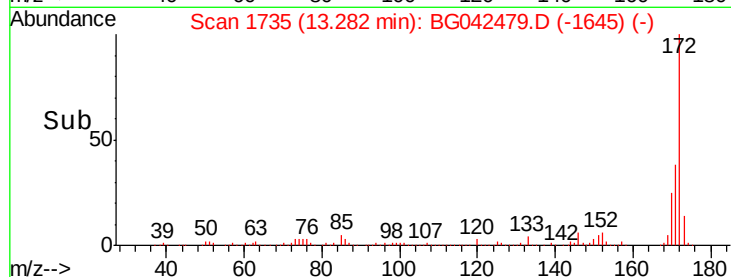
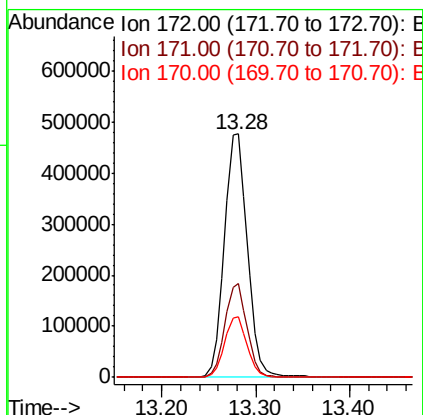
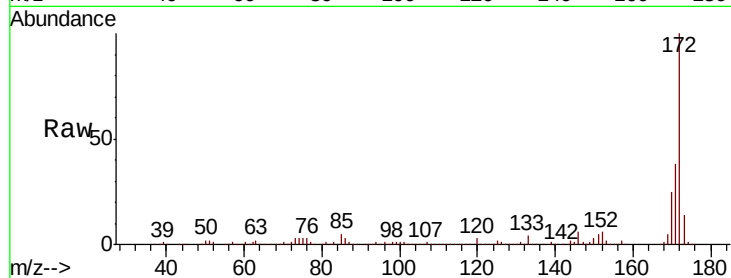




#45
2-Fluorobiphenyl
Concen: 101.621 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG042479.D
Acq: 25 Aug 2019 15:47

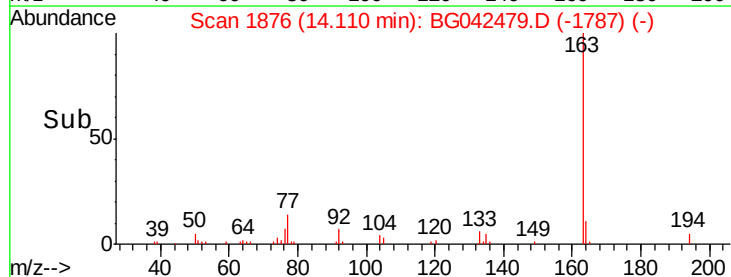
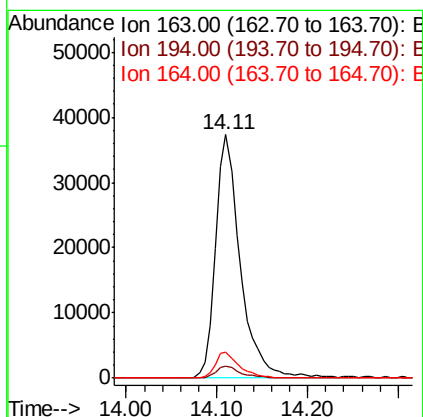
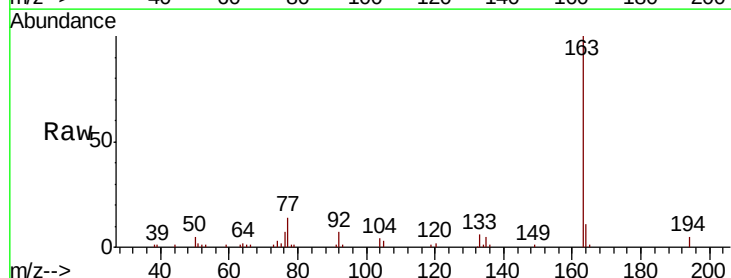
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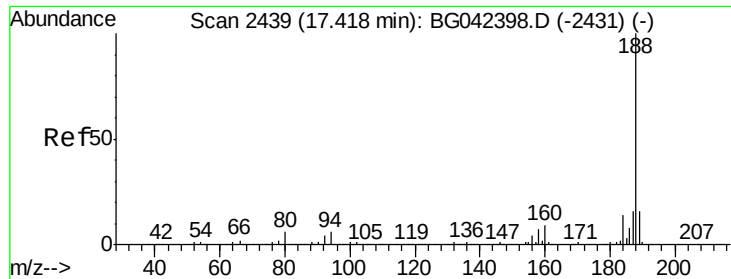
Tot Ion:172 Resp: 816138
Ion Ratio Lower Upper
172 100
171 38.3 30.5 45.7
170 25.0 20.2 30.2



#50
Dimethylphthalate
Concen: 7.172 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BG042479.D
Acq: 25 Aug 2019 15:47

Tgt Ion:163 Resp: 70293
Ion Ratio Lower Upper
163 100
194 4.8 4.2 6.2
164 10.8 8.8 13.2

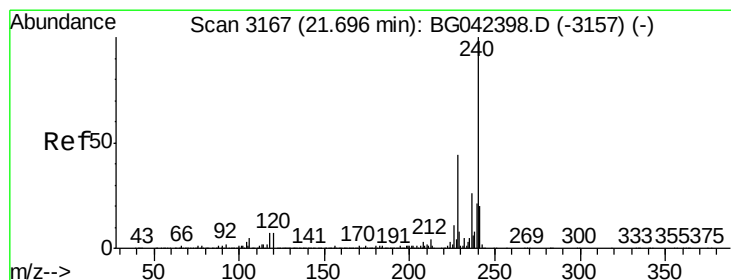
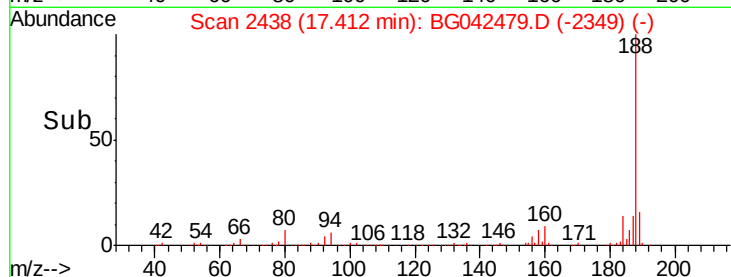
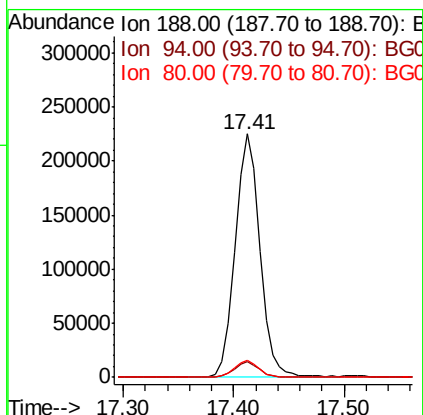
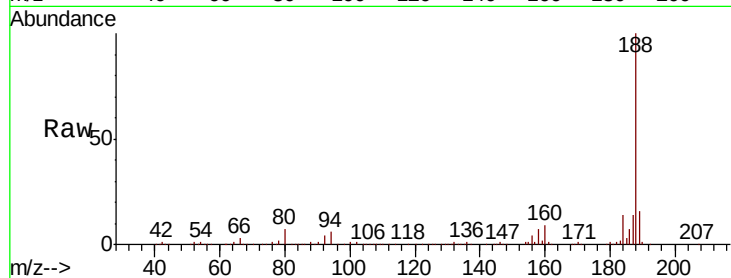




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG042479.D
Acq: 25 Aug 2019 15:47

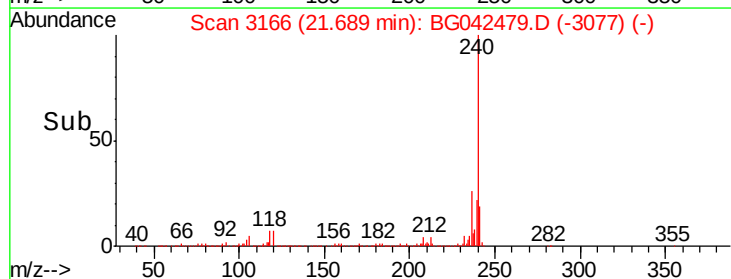
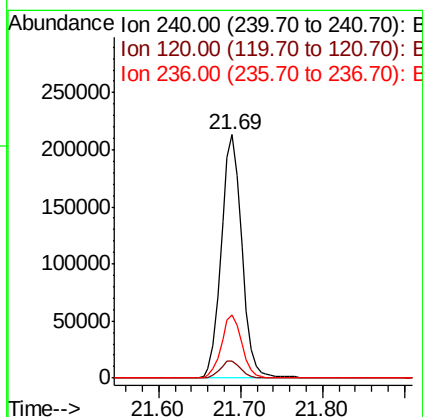
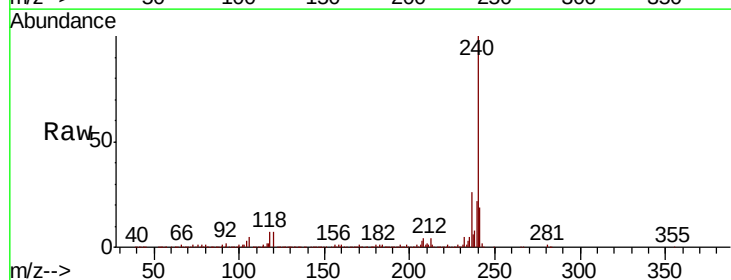
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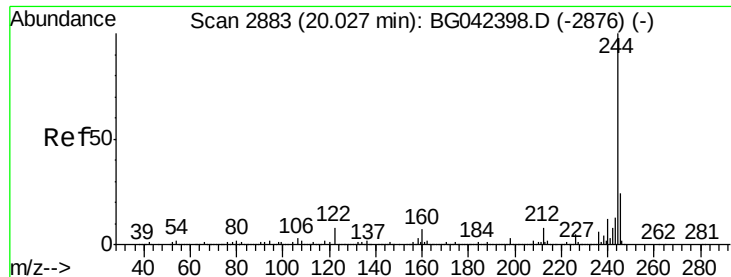
Tot Ion:188 Resp: 354525
Ion Ratio Lower Upper
188 100
94 6.3 4.5 6.7
80 7.1 4.9 7.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG042479.D
Acq: 25 Aug 2019 15:47

Tgt Ion:240 Resp: 374676
Ion Ratio Lower Upper
240 100
120 7.1 5.7 8.5
236 25.8 21.0 31.4





#79

Terphenyl-d14

Concen: 90.331 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.00 min

Lab File: BG042479.D

Acq: 25 Aug 2019 15:47

Instrument :

BNA_G

ClientSampleId :

SB-14-COMP

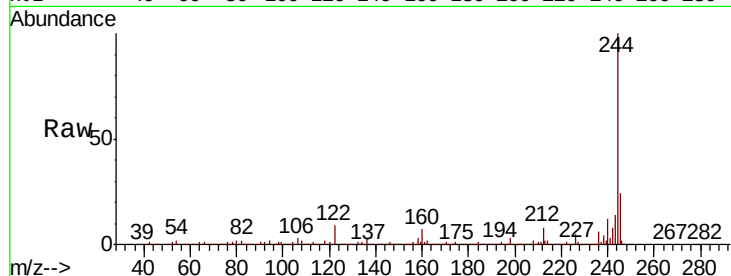
Tot Ion:244 Resp: 1565497

Ion Ratio Lower Upper

244 100

212 8.1 6.0 9.0

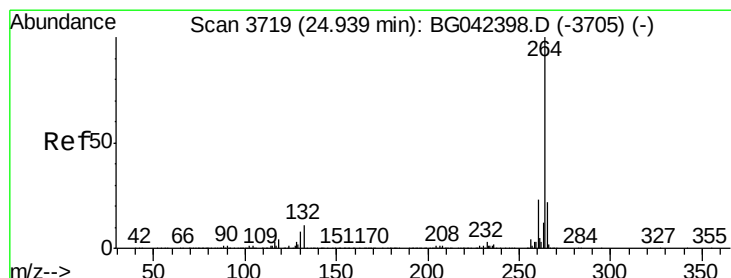
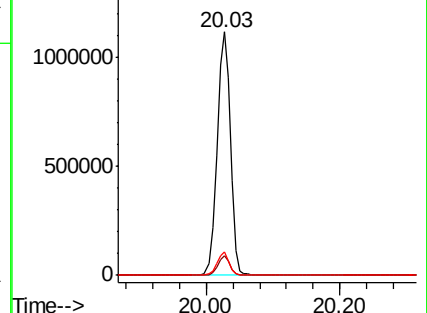
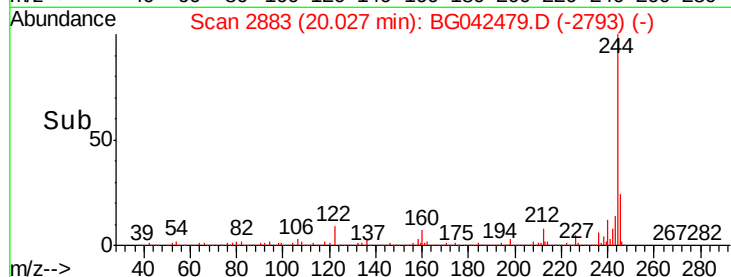
122 9.4 6.7 10.1



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: 24.93 min Scan# 3718

Delta R.T. -0.01 min

Lab File: BG042479.D

Acq: 25 Aug 2019 15:47

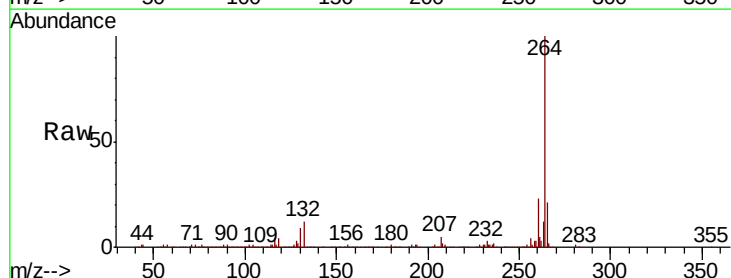
Tgt Ion:264 Resp: 434669

Ion Ratio Lower Upper

264 100

260 22.6 18.5 27.7

265 21.3 17.6 26.4



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

