

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
 Data File : BG042815.D
 Acq On : 13 Sep 2019 13:27
 Operator : HP/JU
 Sample : K4806-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-COMP

Quant Time: Sep 13 14:21:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

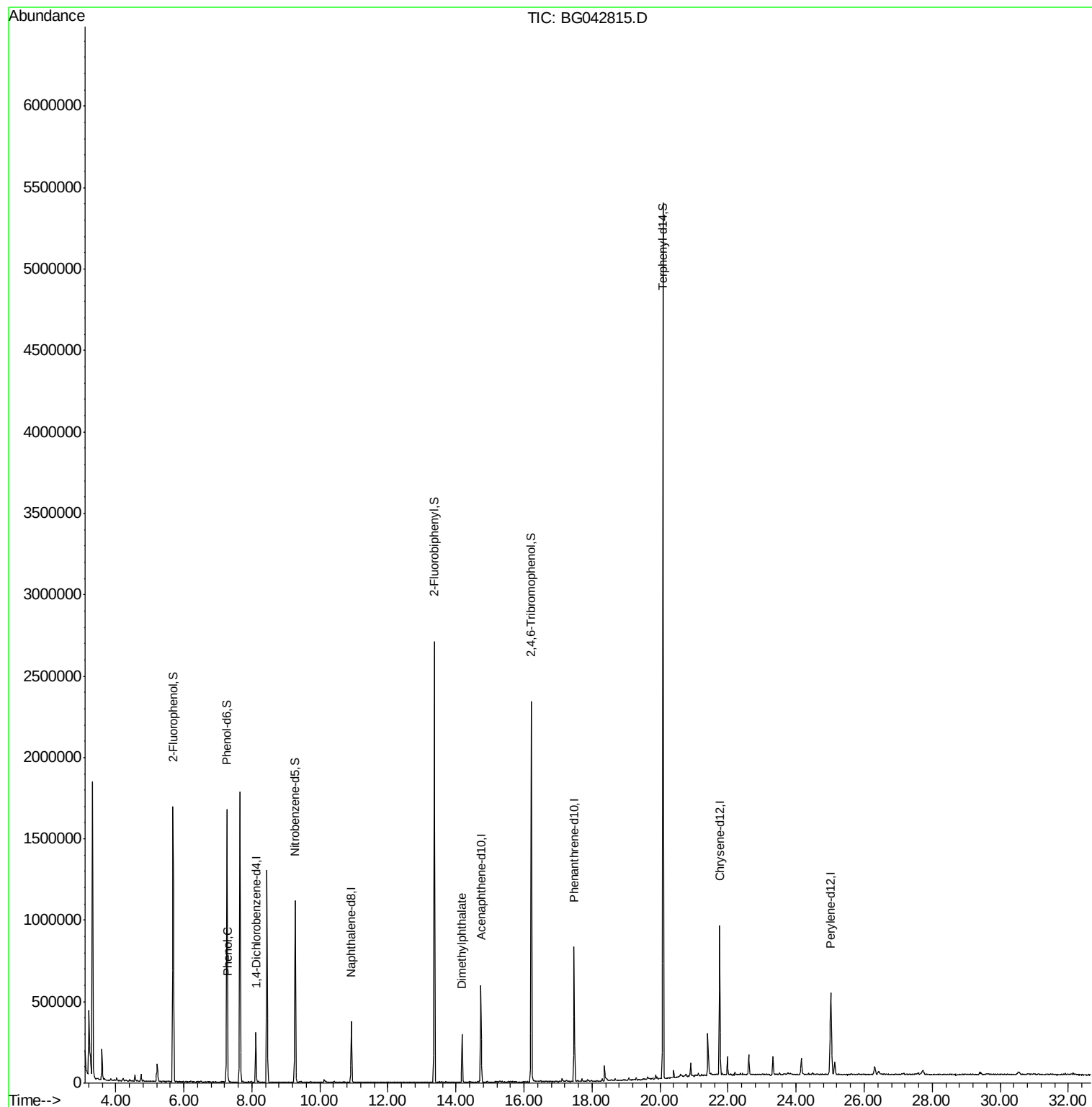
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	86737	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	313092	20.00	ng	-0.01
39) Acenaphthene-d10	14.74	164	212401	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	516128	20.00	ng	-0.01
76) Chrysene-d12	21.75	240	539971	20.00	ng	-0.01
87) Perylene-d12	25.02	264	581574	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	681085	136.52	ng	0.00
7) Phenol-d6	7.27	99	916262	127.95	ng	0.00
23) Nitrobenzene-d5	9.27	82	686163	114.10	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	463691	164.09	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1420251	105.85	ng	-0.01
79) Terphenyl-d14	20.08	244	2526602	103.70	ng	-0.01
Target Compounds						
10) Phenol	7.29	94	16927	2.305	ng	Qvalue # 77
50) Dimethylphthalate	14.18	163	191830	12.056	ng	99

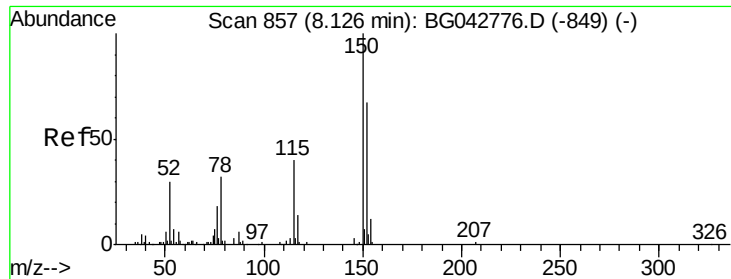
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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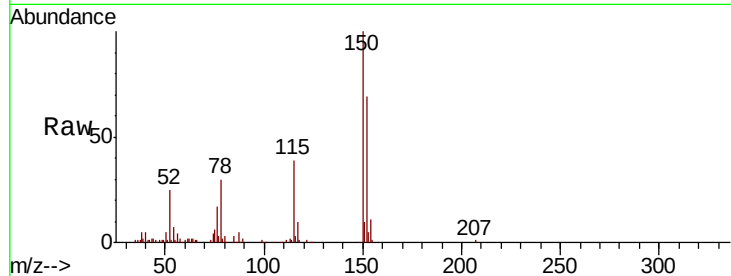


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG042815.D
Acq: 13 Sep 2019 13:27

Instrument :
BNA_G
ClientSampleId :
DRUM-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.8	118.9	178.3
115	56.2	47.4	71.2

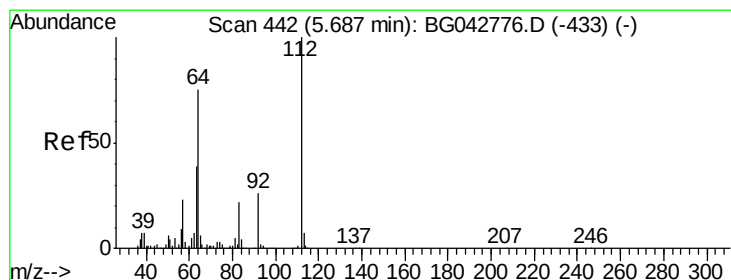
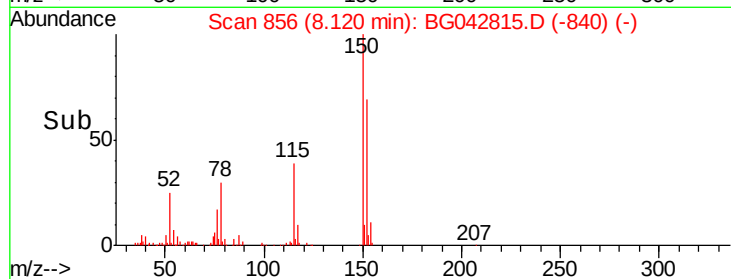
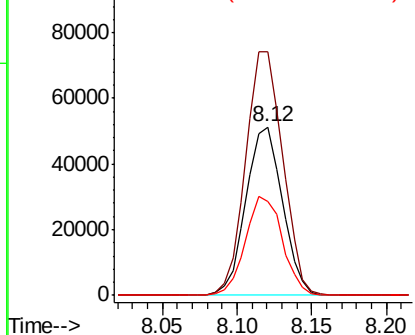


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

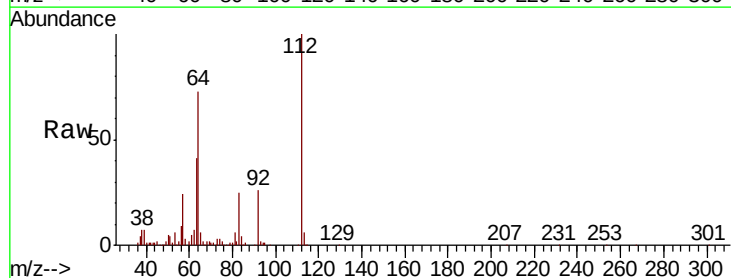
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 136.516 ng
RT: 5.69 min Scan# 442
Delta R.T. 0.00 min
Lab File: BG042815.D
Acq: 13 Sep 2019 13:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.2	60.2	90.2
63	41.0	31.2	46.8

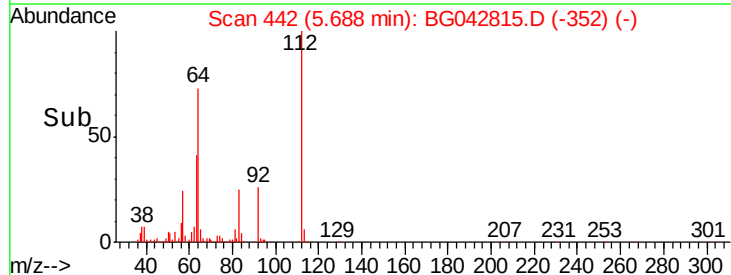
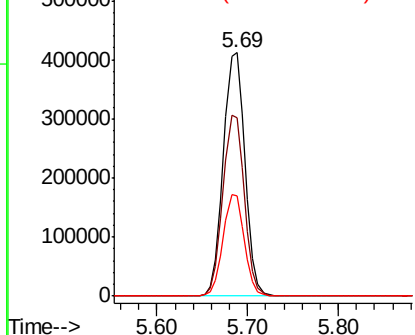


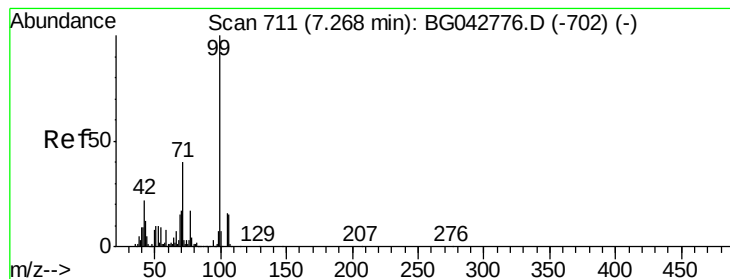
Abundance

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: 127.952 ng

RT: 7.27 min Scan# 711

Delta R.T. 0.00 min

Lab File: BG042815.D

Acq: 13 Sep 2019 13:27

Instrument :

BNA_G

ClientSampleId :

DRUM-COMP

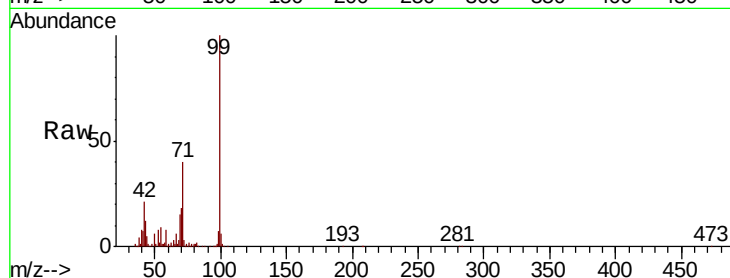
Tot Ion: 99 Resp: 916262

Ion Ratio Lower Upper

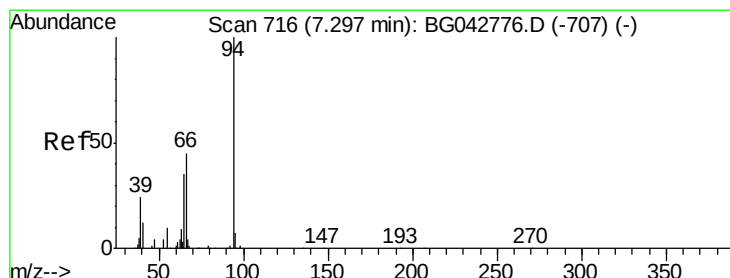
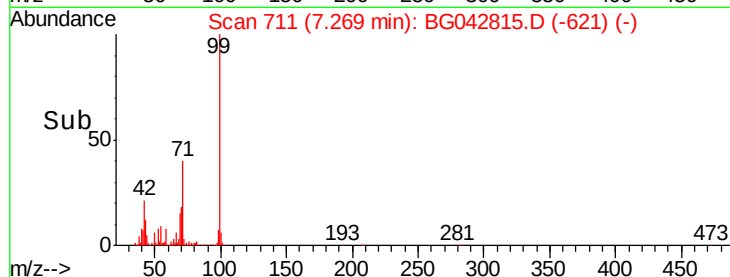
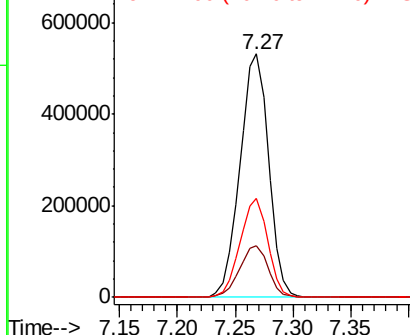
99 100

42 21.2 17.5 26.3

71 40.5 32.0 48.0



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: 2.305 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG042815.D

Acq: 13 Sep 2019 13:27

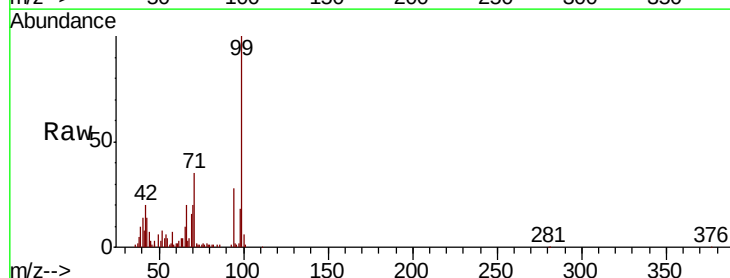
Tgt Ion: 94 Resp: 16927

Ion Ratio Lower Upper

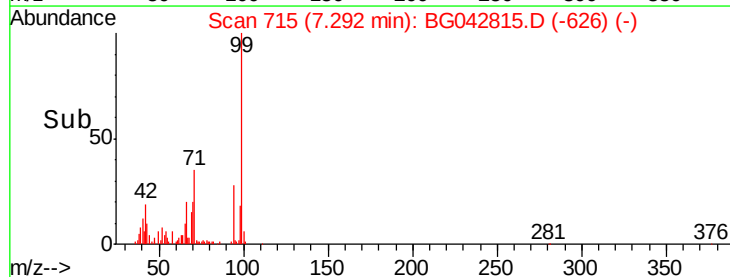
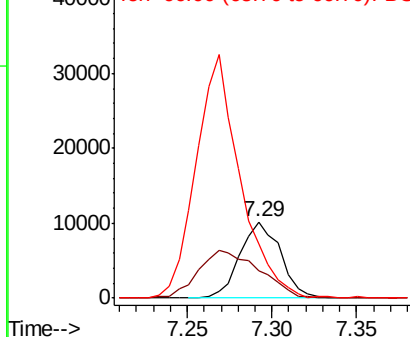
94 100

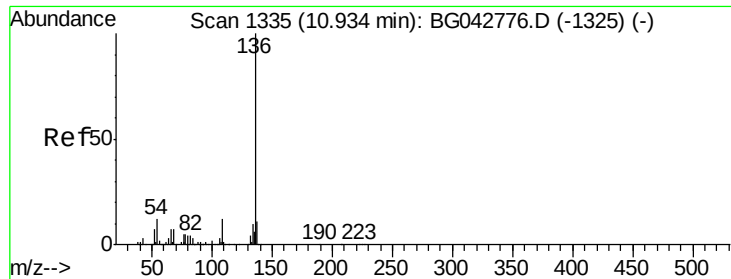
65 36.4 15.0 55.0

66 71.5 26.1 66.1#



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

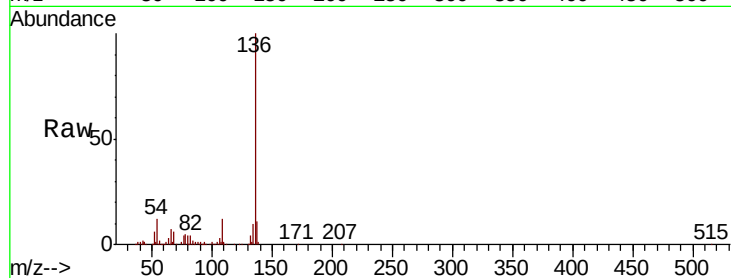




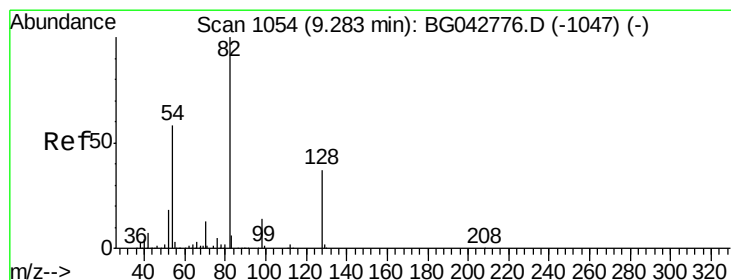
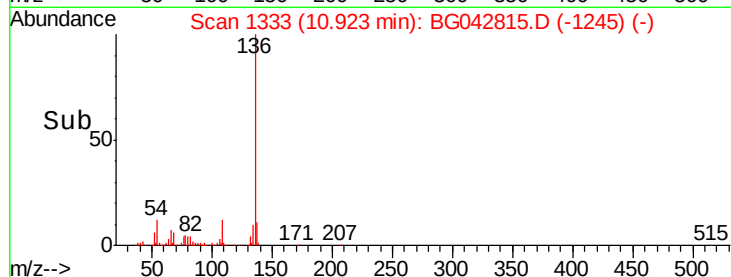
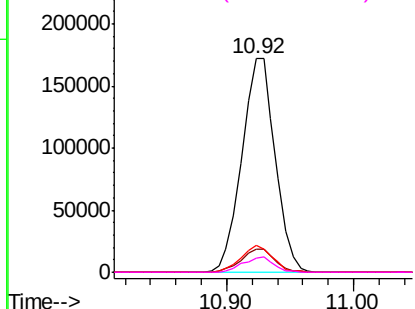
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BG042815.D
Acq: 13 Sep 2019 13:27

Instrument :
BNA_G
ClientSampleId :
DRUM-COMP

Tot Ion:136	Resp:	313092
Ion	Ratio	Lower Upper
136	100	
137	10.9	9.0 13.6
54	12.5	9.4 14.0
68	6.4	5.4 8.2

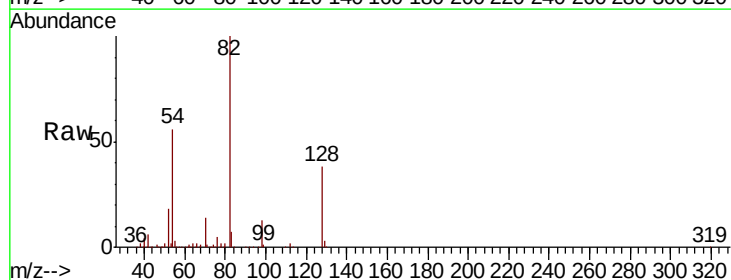


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

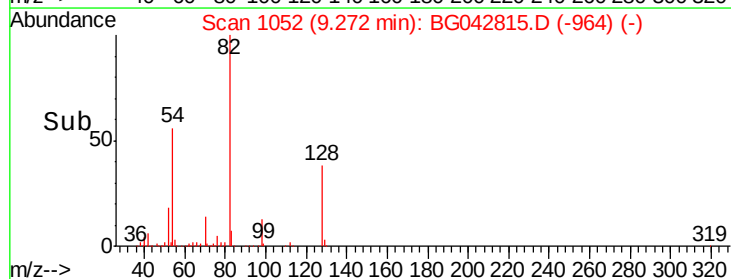
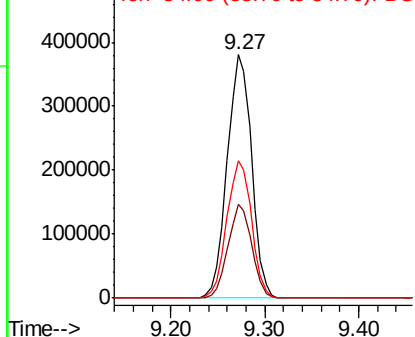


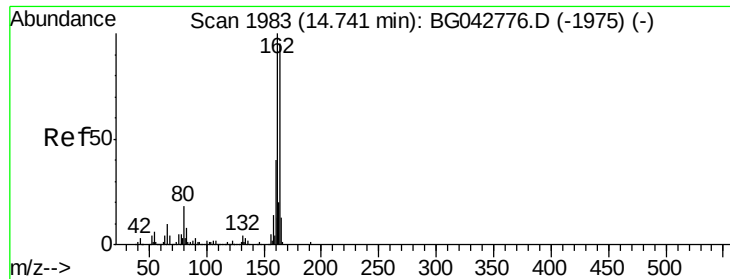
#23
Nitrobenzene-d5
Concen: 114.098 ng
RT: 9.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BG042815.D
Acq: 13 Sep 2019 13:27

Tgt Ion: 82	Resp:	686163
Ion	Ratio	Lower Upper
82	100	
128	38.4	29.8 44.8
54	56.4	46.1 69.1



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: 14.74 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BG042815.D

Acq: 13 Sep 2019 13:27

Instrument :

BNA_G

ClientSampleId :

DRUM-COMP

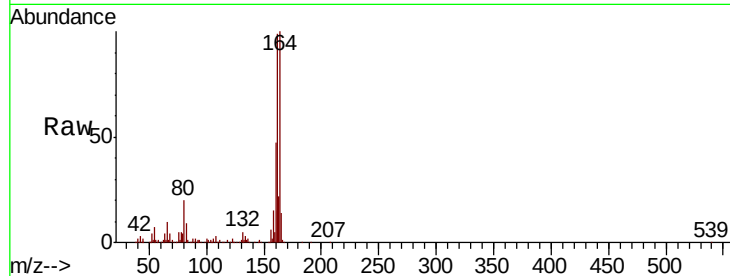
Tot Ion:164 Resp: 212401

Ion Ratio Lower Upper

164 100

162 98.6 84.6 126.8

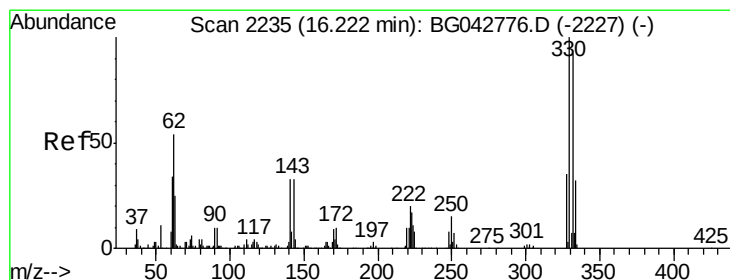
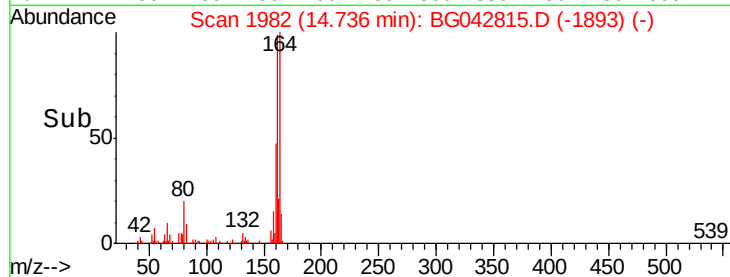
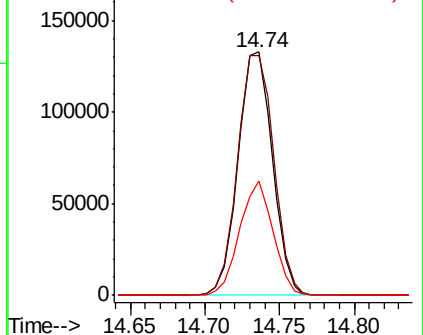
160 47.0 34.2 51.2



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: 164.090 ng

RT: 16.22 min Scan# 2234

Delta R.T. -0.01 min

Lab File: BG042815.D

Acq: 13 Sep 2019 13:27

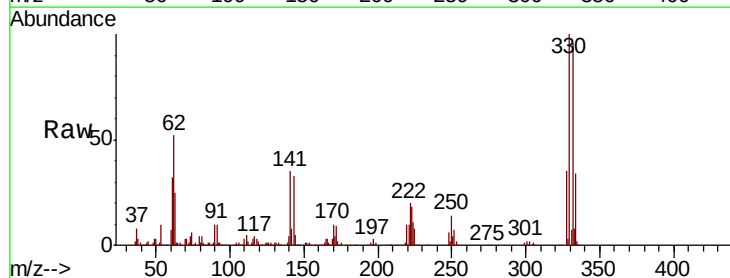
Tgt Ion:330 Resp: 463691

Ion Ratio Lower Upper

330 100

332 96.2 76.7 115.1

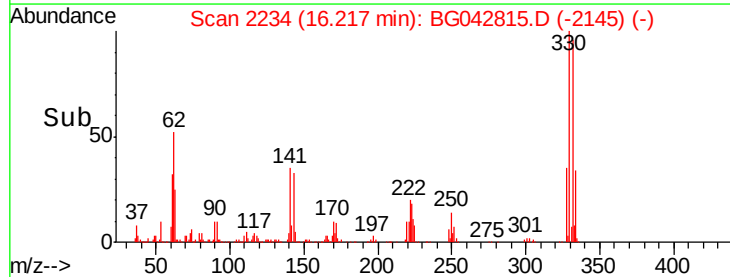
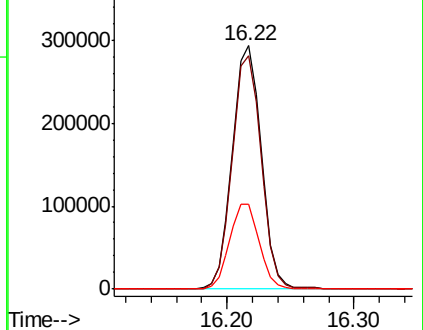
141 35.5 27.0 40.6

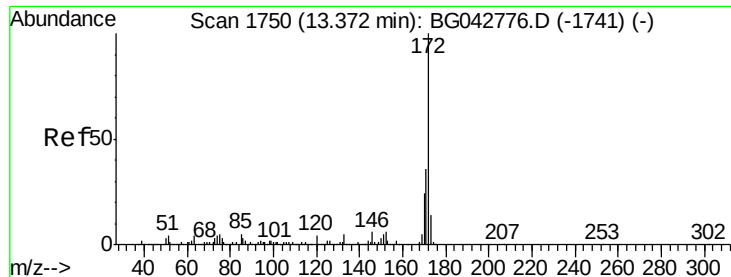


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

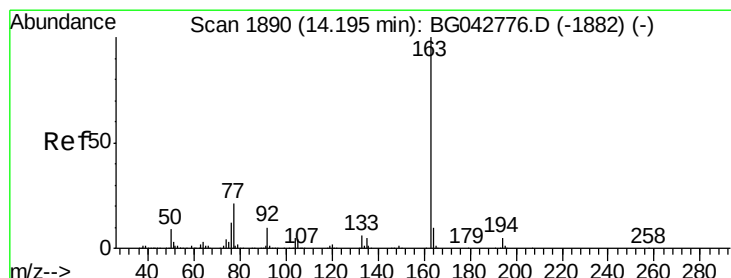
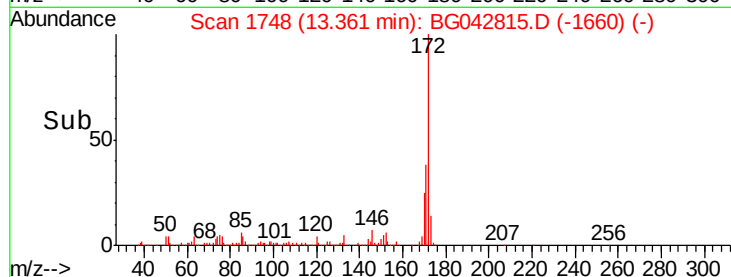
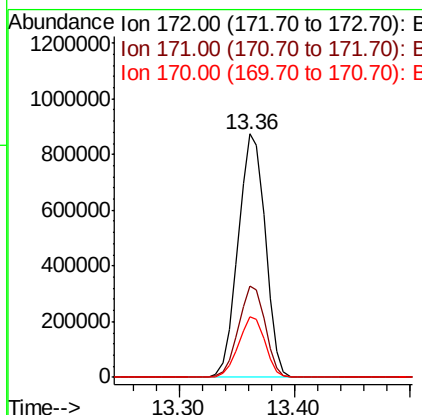
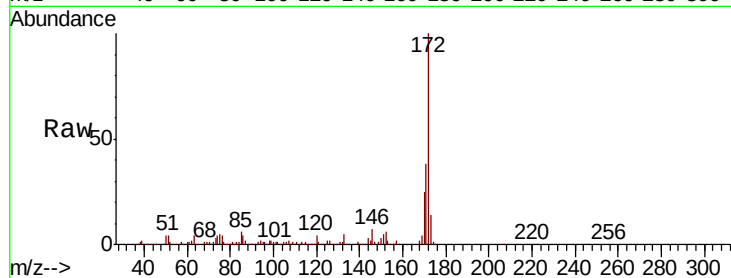




#45
 2-Fluorobiphenyl
 Concen: 105.845 ng
 RT: 13.36 min Scan# 1748
 Delta R.T. -0.01 min
 Lab File: BG042815.D
 Acq: 13 Sep 2019 13:27

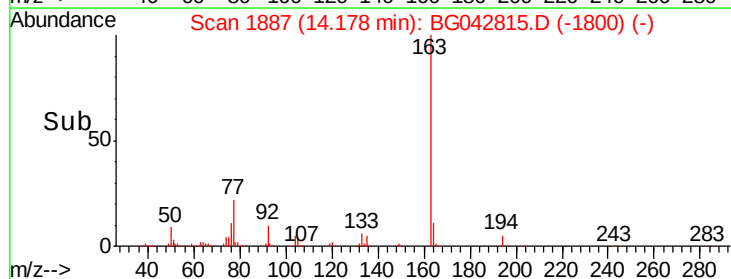
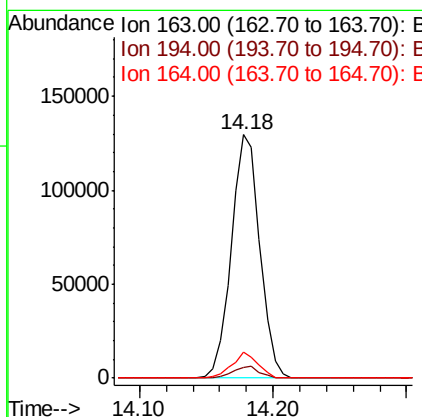
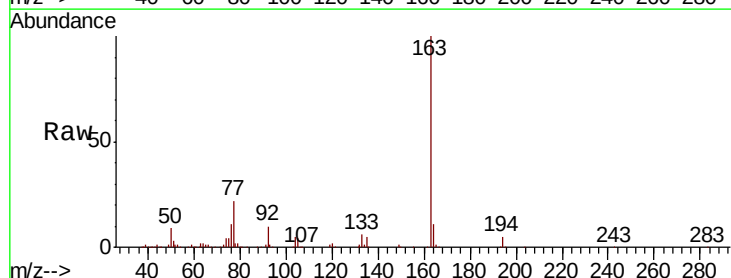
Instrument :
 BNA_G
 ClientSampleId :
 DRUM-COMP

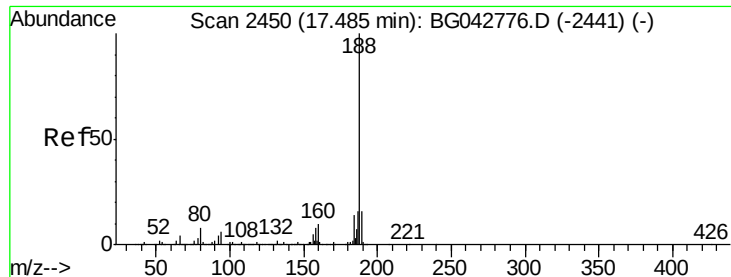
Tot Ion:172	Resp: 1420251
Ion Ratio	Lower Upper
172 100	
171 37.6	28.9 43.3
170 24.8	19.1 28.7



#50
 Dimethylphthalate
 Concen: 12.056 ng
 RT: 14.18 min Scan# 1887
 Delta R.T. -0.02 min
 Lab File: BG042815.D
 Acq: 13 Sep 2019 13:27

Tgt Ion	163	Resp: Lower	191830
	Ratio		Upper
163	100		
194	4.6	4.2	6.4
164	10.5	8.4	12.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2448

Delta R.T. -0.01 min

Lab File: BG042815.D

Acq: 13 Sep 2019 13:27

Instrument :

BNA_G

ClientSampleId :

DRUM-COMP

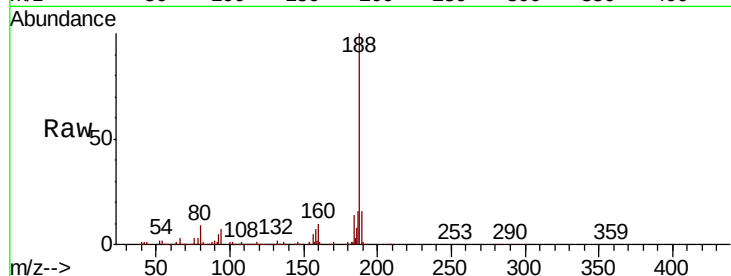
Tot Ion:188 Resp: 516128

Ion Ratio Lower Upper

188 100

94 6.8 4.8 7.2

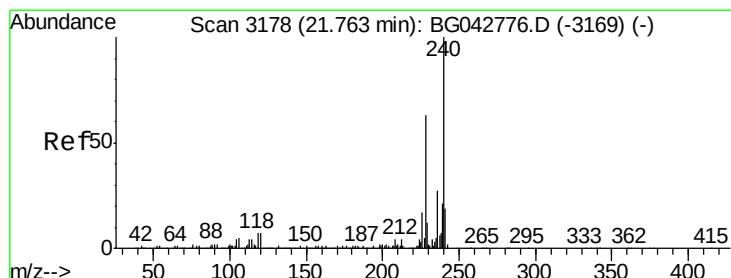
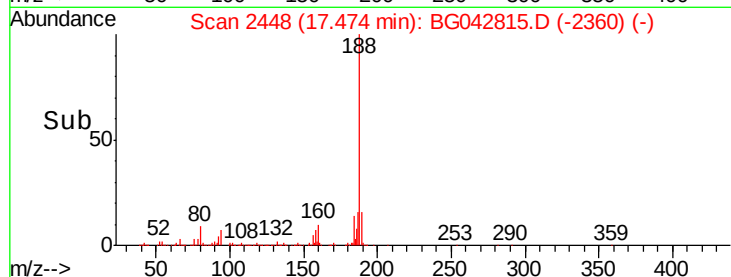
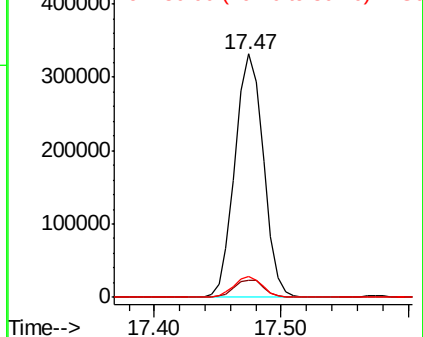
80 8.5 6.6 9.8



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: 21.75 min Scan# 3176

Delta R.T. -0.01 min

Lab File: BG042815.D

Acq: 13 Sep 2019 13:27

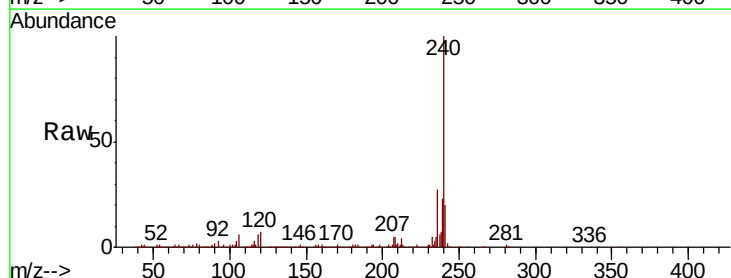
Tgt Ion:240 Resp: 539971

Ion Ratio Lower Upper

240 100

120 7.3 5.4 8.2

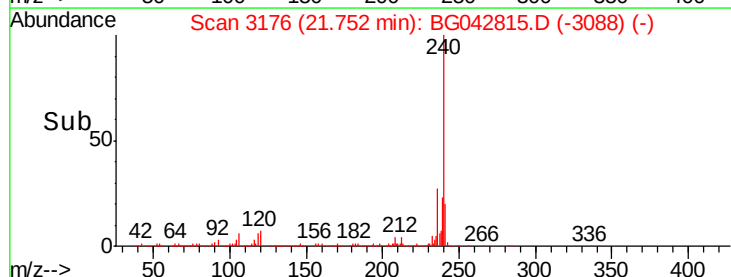
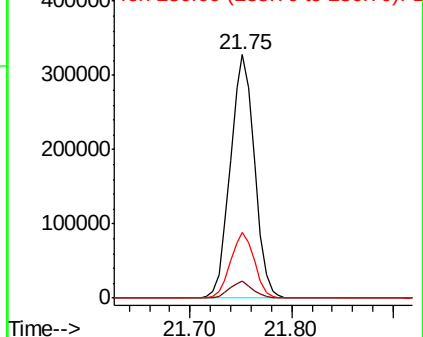
236 26.8 21.7 32.5

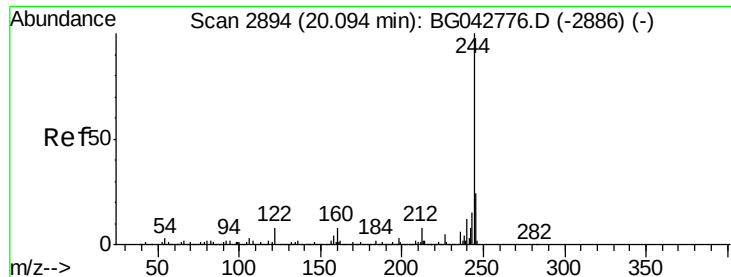


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 103.703 ng

RT: 20.08 min Scan# 2892

Delta R.T. -0.01 min

Lab File: BG042815.D

Acq: 13 Sep 2019 13:27

Instrument :

BNA_G

ClientSampleId :

DRUM-COMP

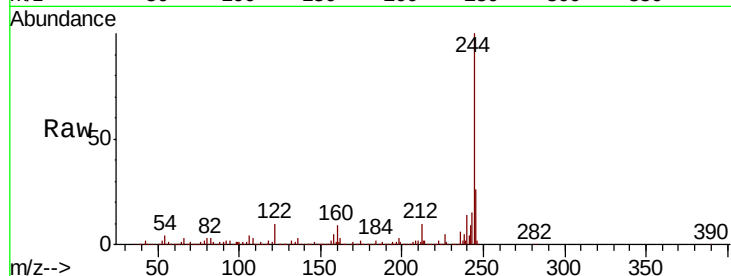
Tot Ion:244 Resp: 2526602

Ion Ratio Lower Upper

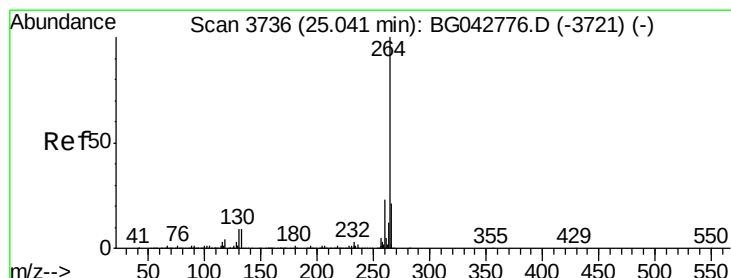
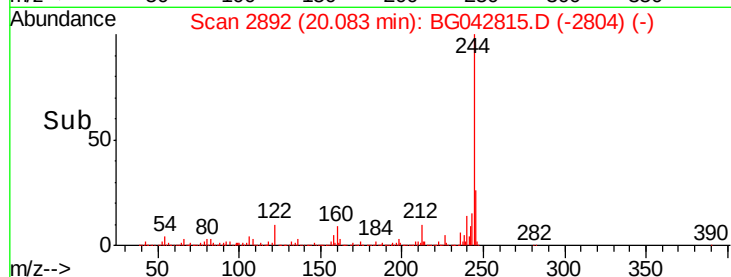
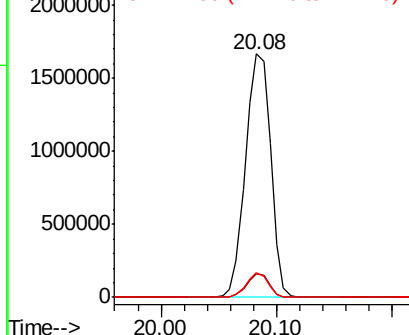
244 100

212 9.6 6.6 10.0

122 10.2 6.2 9.4#



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: 25.02 min Scan# 3732

Delta R.T. -0.02 min

Lab File: BG042815.D

Acq: 13 Sep 2019 13:27

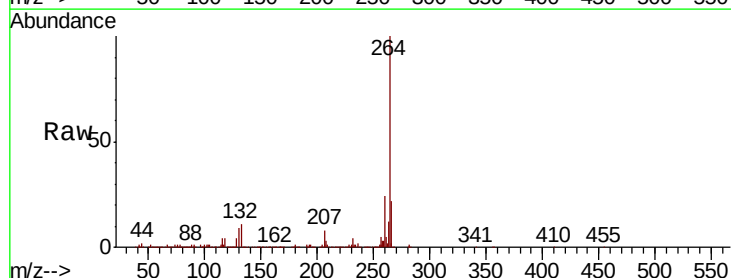
Tgt Ion:264 Resp: 581574

Ion Ratio Lower Upper

264 100

260 23.6 18.2 27.2

265 22.0 16.9 25.3



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

