

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012420\
 Data File : BG044181.D
 Acq On : 24 Jan 2020 14:30
 Operator : CG/JU
 Sample : L1241-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EP-15

Quant Time: Jan 25 06:19:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

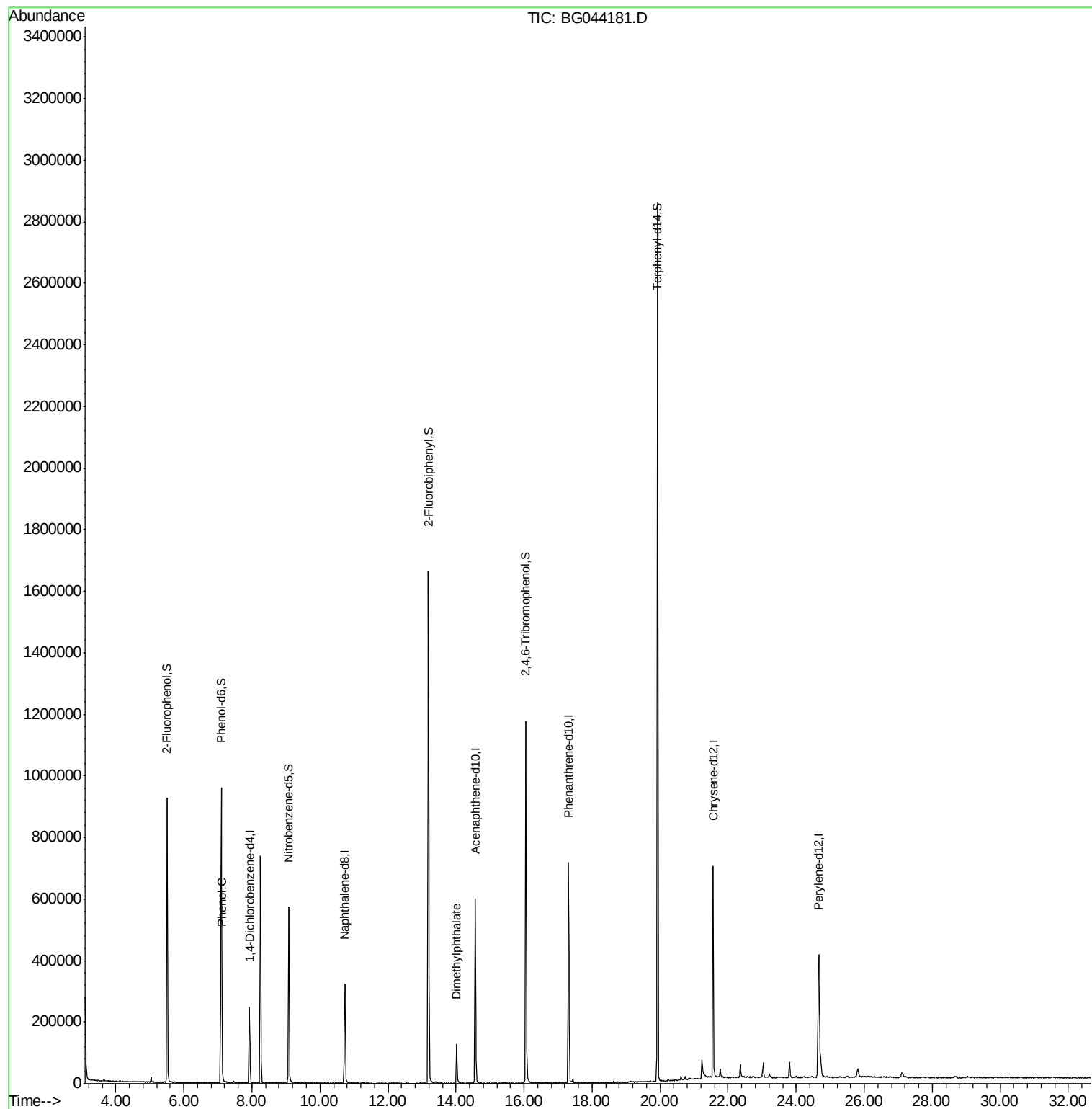
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	73773	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	326326	20.00	ng	-0.03
39) Acenaphthene-d10	14.56	164	225892	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	471310	20.00	ng	-0.03
76) Chrysene-d12	21.56	240	399765	20.00	ng	-0.03
87) Perylene-d12	24.66	264	448336	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	457096	113.77	ng	-0.03
7) Phenol-d6	7.10	99	622216	110.79	ng	-0.03
23) Nitrobenzene-d5	9.08	82	377745	61.93	ng	-0.04
42) 2,4,6-Tribromophenol	16.05	330	232490	98.35	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	940944	75.47	ng	-0.03
79) Terphenyl-d14	19.92	244	1364099	81.33	ng	-0.03
Target Compounds						
10) Phenol	7.12	94	15373	2.657	ng	Qvalue # 72
50) Dimethylphthalate	14.02	163	110709	6.902	ng	96

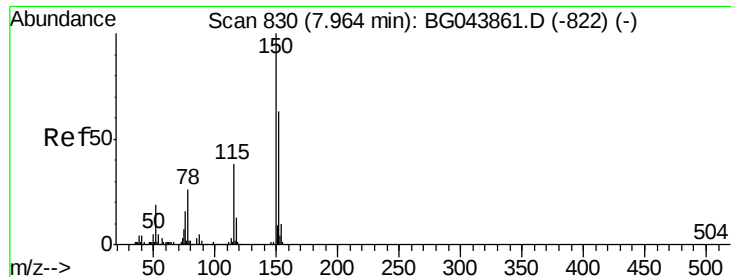
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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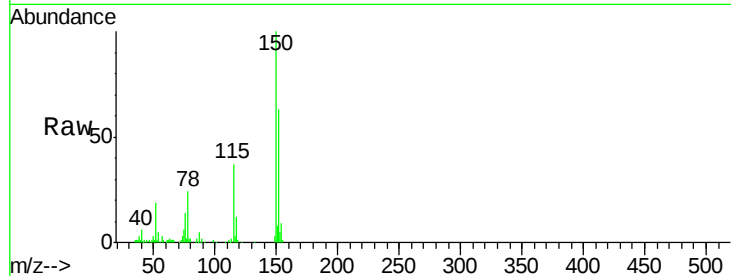


#1

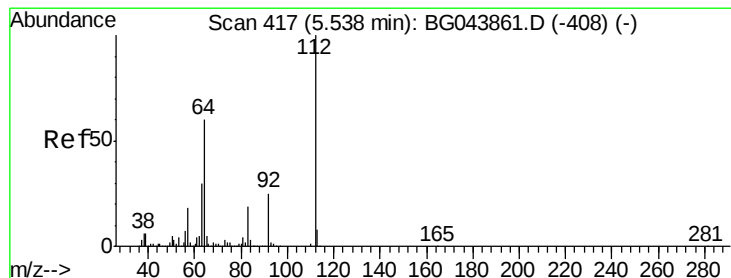
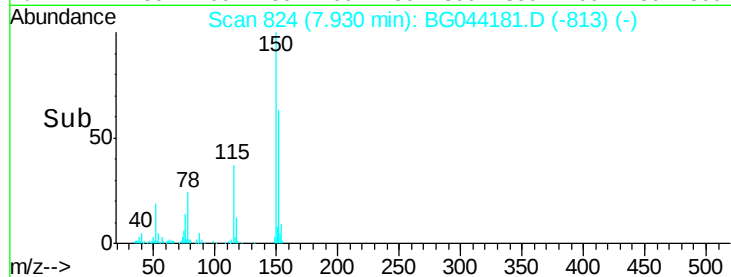
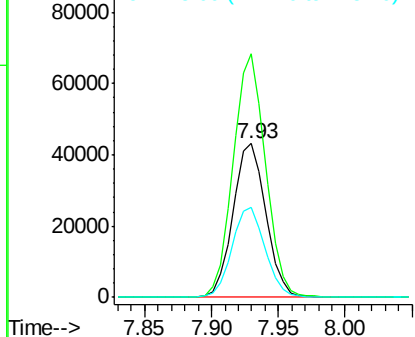
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG044181.D
Acq: 24 Jan 2020 14:30

Instrument :
BNA_G
ClientSampled :
EP-15

Tot Ion:152 Resp: 73773
Ion Ratio Lower Upper
152 100
150 158.3 127.0 190.4
115 58.7 47.8 71.8



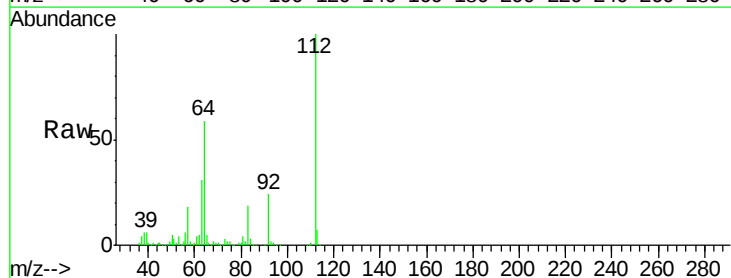
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



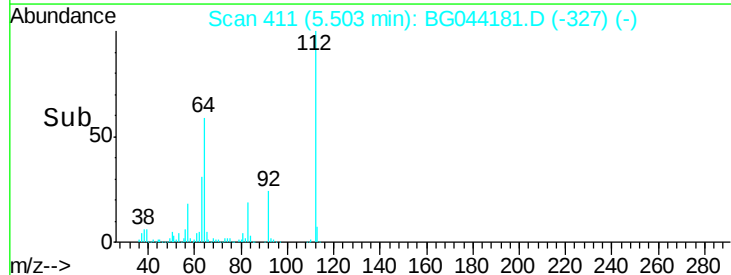
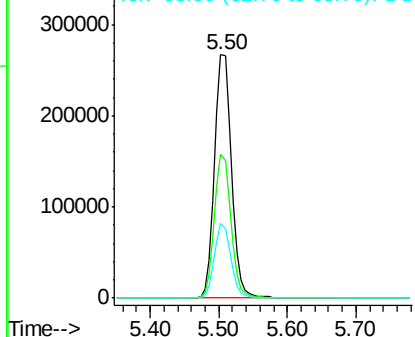
#5

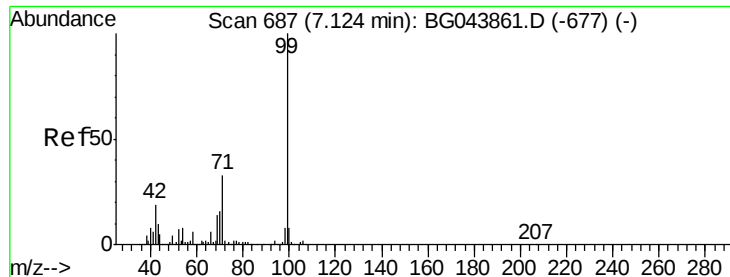
2-Fluorophenol
Concen: 113.766 ng
RT: 5.50 min Scan# 411
Delta R.T. -0.03 min
Lab File: BG044181.D
Acq: 24 Jan 2020 14:30

Tgt Ion:112 Resp: 457096
Ion Ratio Lower Upper
112 100
64 59.2 47.8 71.6
63 30.9 24.3 36.5



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: 110.788 ng

RT: 7.10 min Scan# 682

Delta R.T. -0.03 min

Lab File: BG044181.D

Acq: 24 Jan 2020 14:30

Instrument :

BNA_G

ClientSampleId :

EP-15

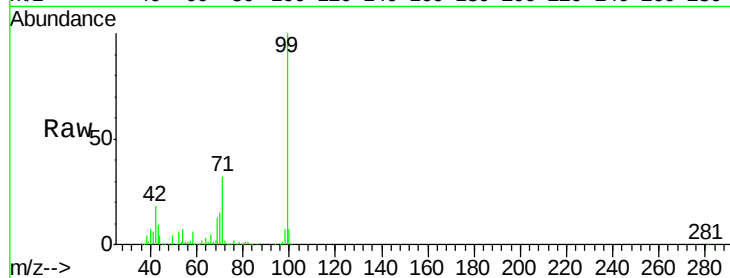
Tot Ion: 99 Resp: 622216

Ion Ratio Lower Upper

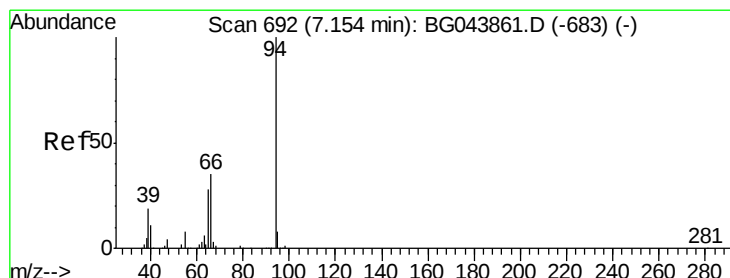
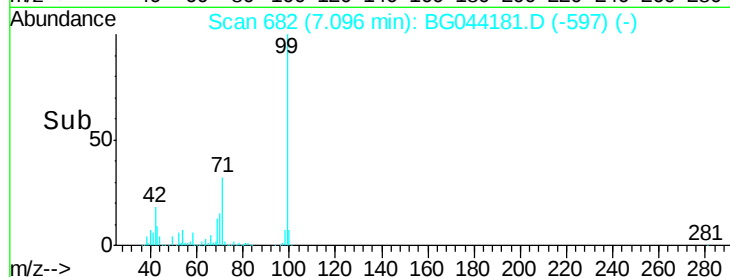
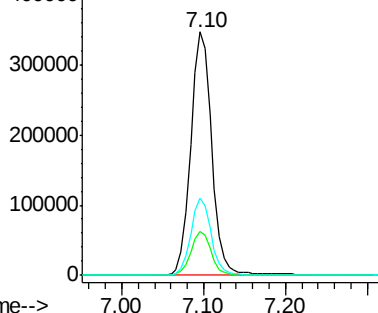
99 100

42 17.9 14.9 22.3

71 31.9 26.4 39.6



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: 2.657 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.03 min

Lab File: BG044181.D

Acq: 24 Jan 2020 14:30

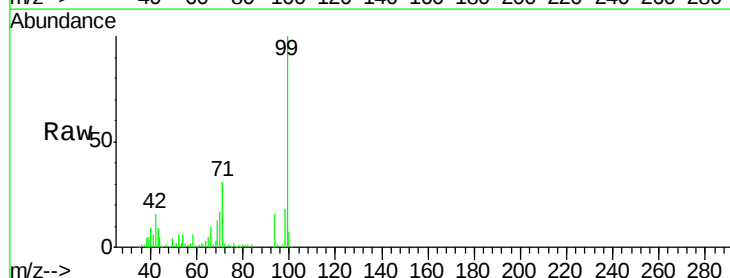
Tgt Ion: 94 Resp: 15373

Ion Ratio Lower Upper

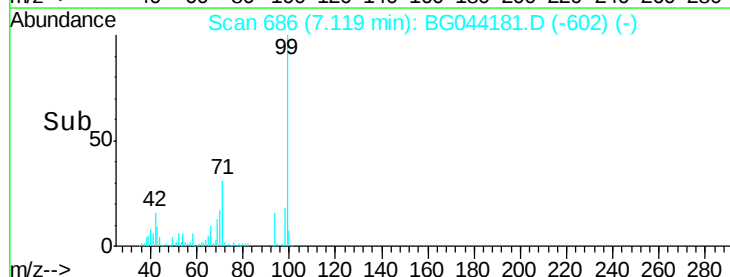
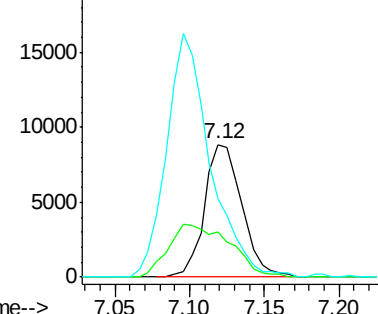
94 100

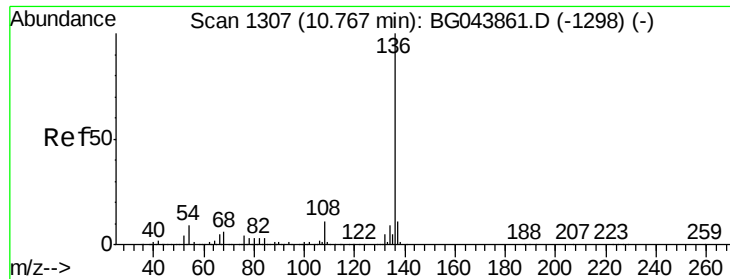
65 34.0 8.1 48.1

66 59.6 15.6 55.6#



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

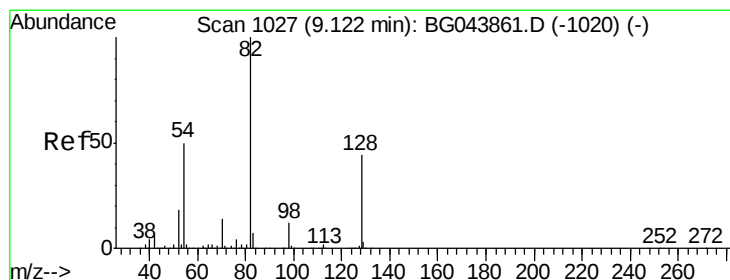
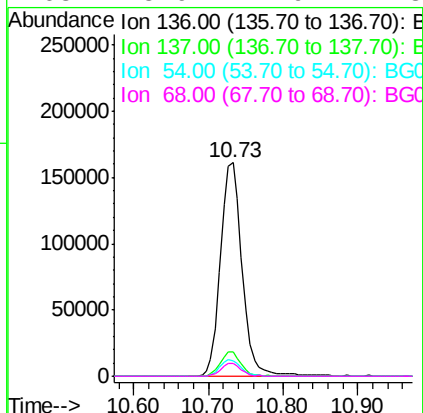
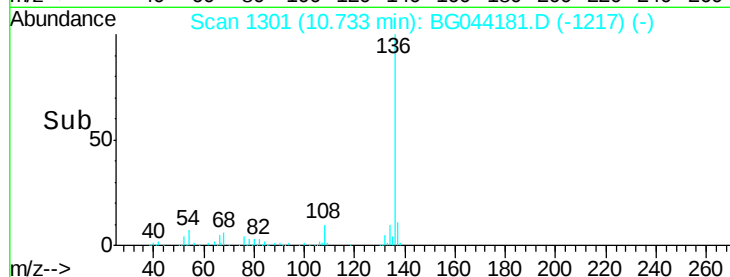
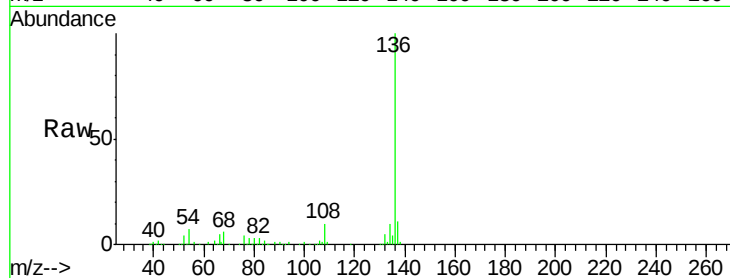




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.03 min
Lab File: BG044181.D
Acq: 24 Jan 2020 14:30

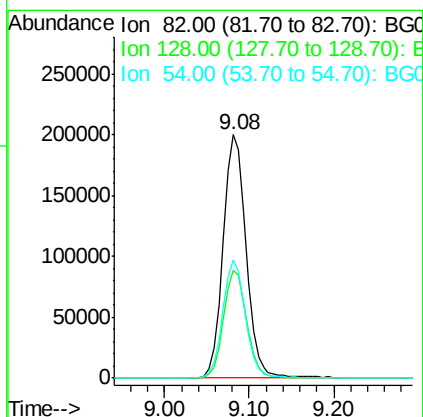
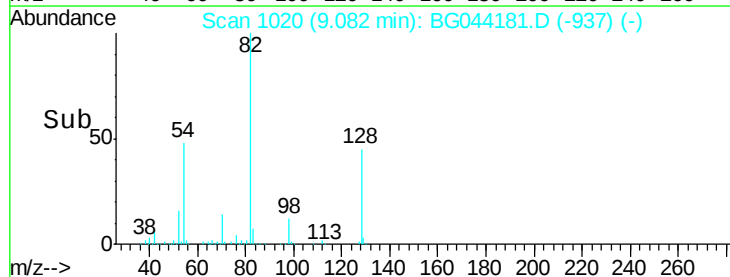
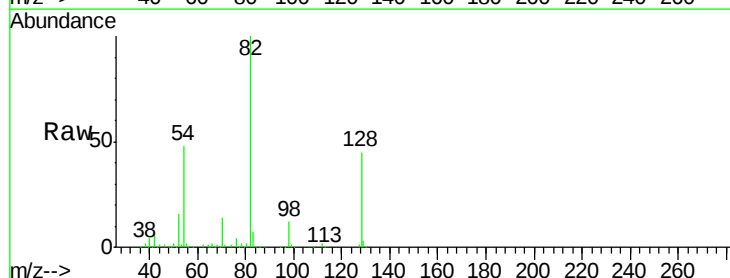
Instrument :
BNA_G
ClientSampleId :
EP-15

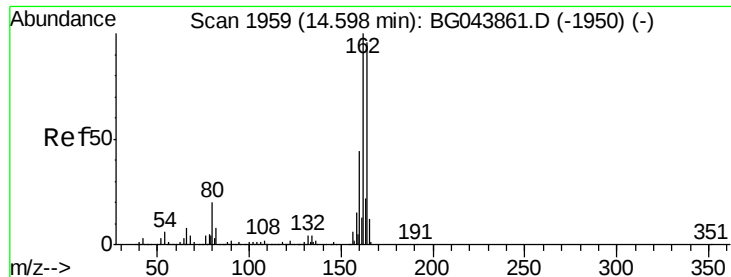
Tot Ion:136	Resp:	326326
Ion Ratio	Lower	Upper
136 100		
137 11.5	8.8	13.2
54 7.2	7.0	10.4
68 5.9	4.9	7.3



#23
Nitrobenzene-d5
Concen: 61.925 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.04 min
Lab File: BG044181.D
Acq: 24 Jan 2020 14:30

Tgt	Ion: 82	Resp:	377745
Ion	Ratio	Lower	Upper
82	100		
128	44.6	35.1	52.7
54	48.5	40.1	60.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.03 min

Lab File: BG044181.D

Acq: 24 Jan 2020 14:30

Instrument :

BNA_G

ClientSampleId :

EP-15

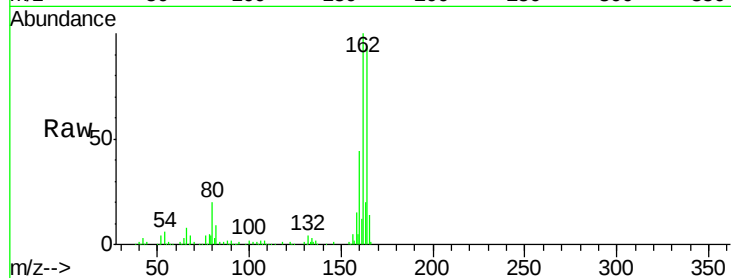
Tot Ion:164 Resp: 225892

Ion Ratio Lower Upper

164 100

162 106.8 83.0 124.4

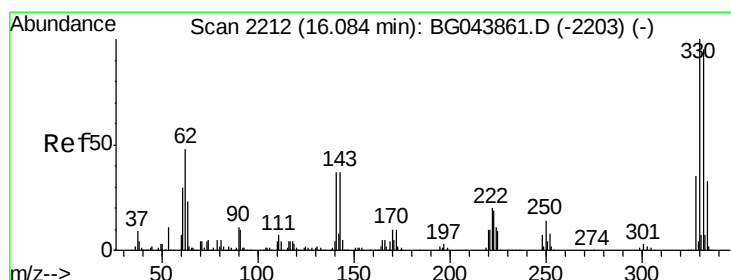
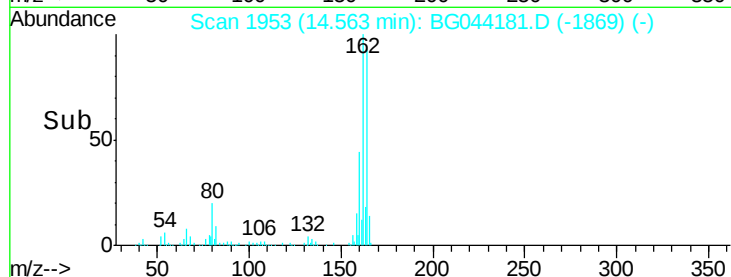
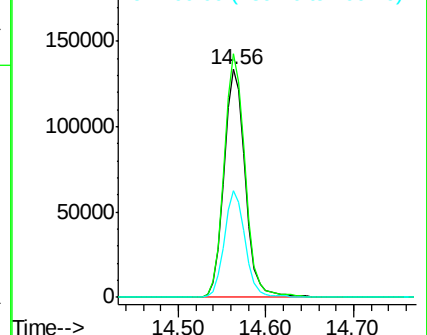
160 46.8 36.1 54.1



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: 98.350 ng

RT: 16.05 min Scan# 2206

Delta R.T. -0.03 min

Lab File: BG044181.D

Acq: 24 Jan 2020 14:30

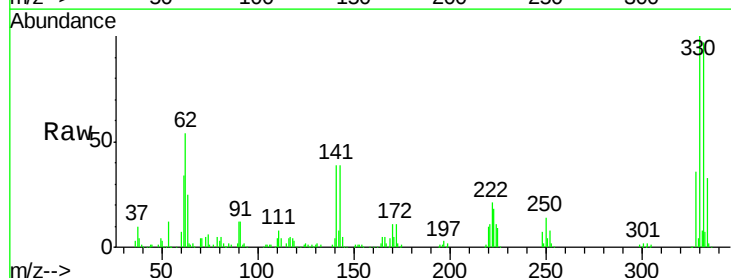
Tgt Ion:330 Resp: 232490

Ion Ratio Lower Upper

330 100

332 98.0 77.2 115.8

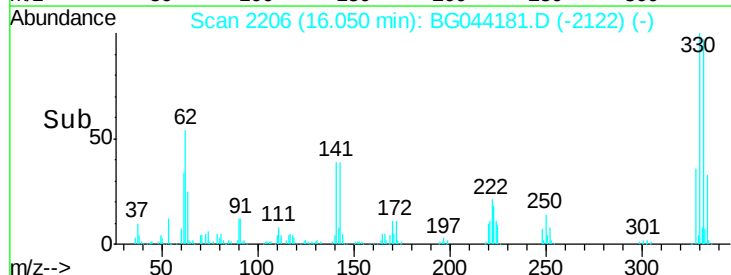
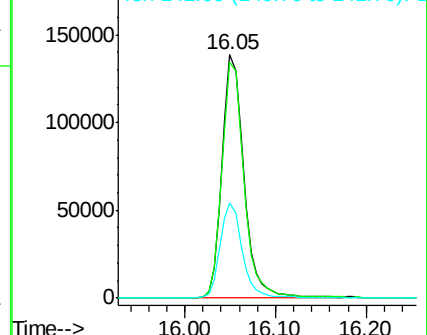
141 39.3 33.1 49.7

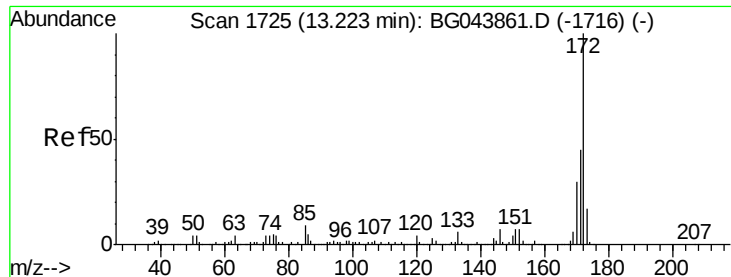


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

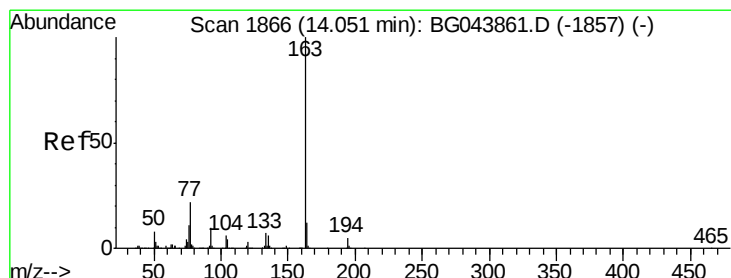
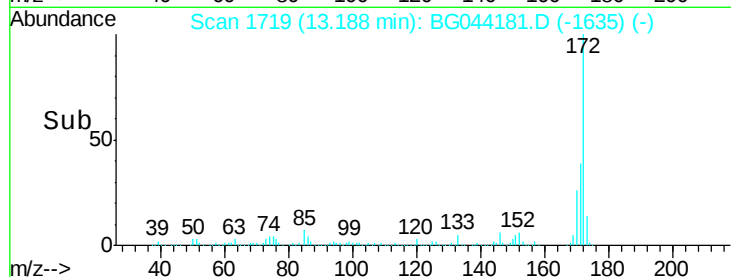
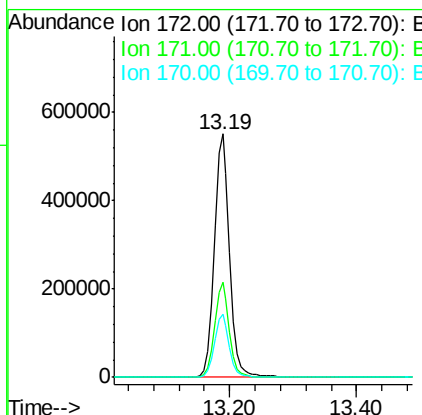
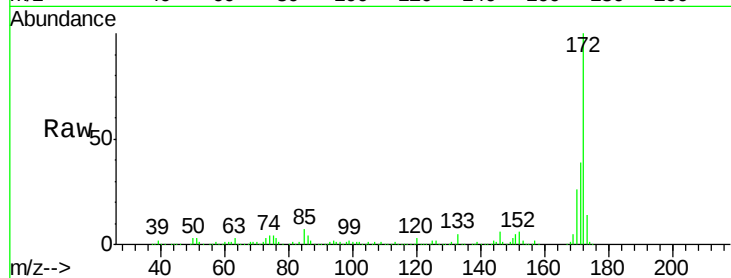




#45
2-Fluorobiphenyl
Concen: 75.469 ng
RT: 13.19 min Scan# 1719
Delta R.T. -0.03 min
Lab File: BG044181.D
Acq: 24 Jan 2020 14:30

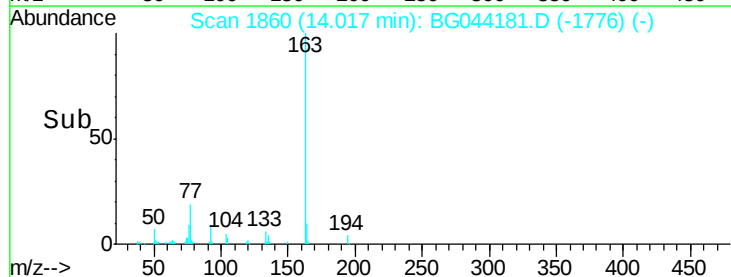
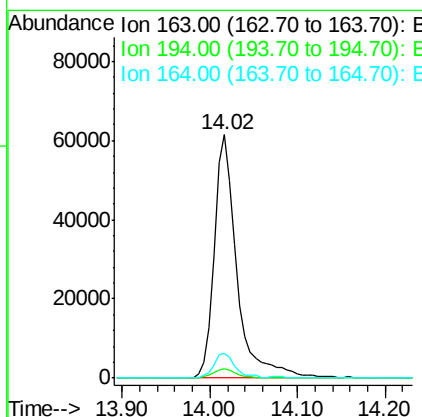
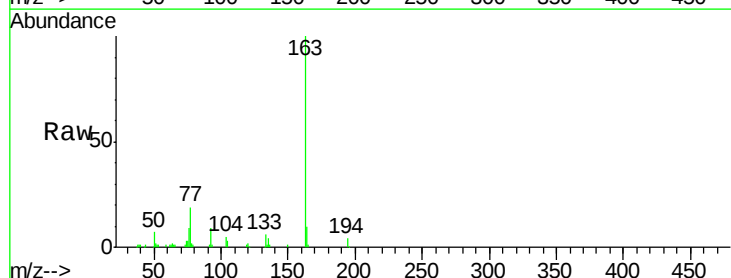
Instrument :
BNA_G
ClientSampleId :
EP-15

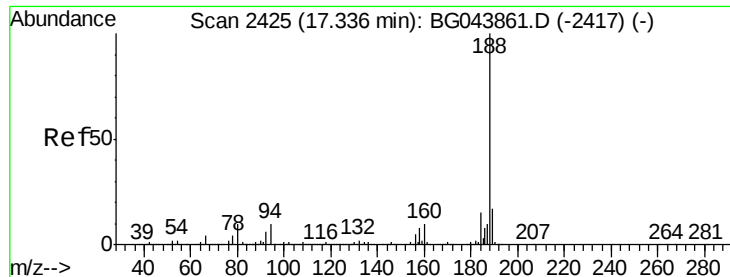
Tot Ion:172 Resp: 940944
Ion Ratio Lower Upper
172 100
171 38.9 35.8 53.8
170 26.0 24.2 36.4



#50
Dimethylphthalate
Concen: 6.902 ng
RT: 14.02 min Scan# 1860
Delta R.T. -0.03 min
Lab File: BG044181.D
Acq: 24 Jan 2020 14:30

Tgt Ion:163 Resp: 110709
Ion Ratio Lower Upper
163 100
194 3.7 3.7 5.5
164 9.9 9.3 13.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.31 min Scan# 2420

Delta R.T. -0.03 min

Lab File: BG044181.D

Acq: 24 Jan 2020 14:30

Instrument :

BNA_G

ClientSampleId :

EP-15

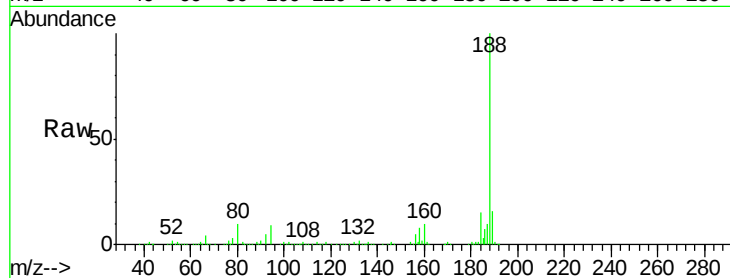
Tot Ion:188 Resp: 471310

Ion Ratio Lower Upper

188 100

94 9.0 7.9 11.9

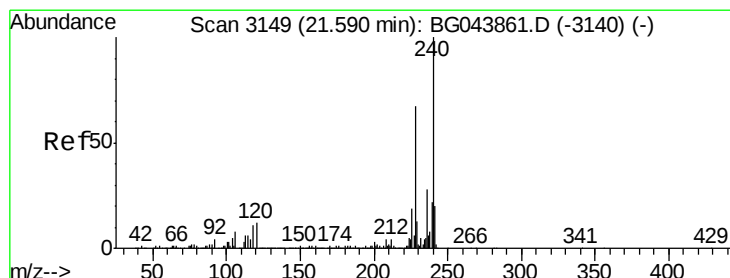
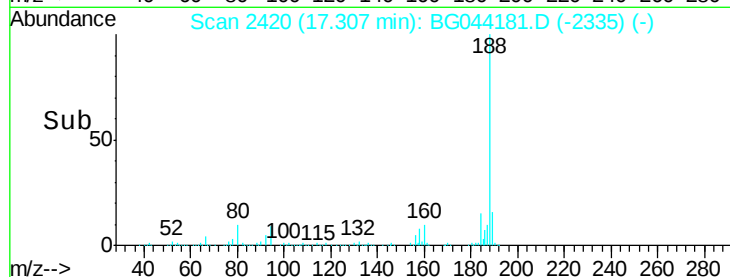
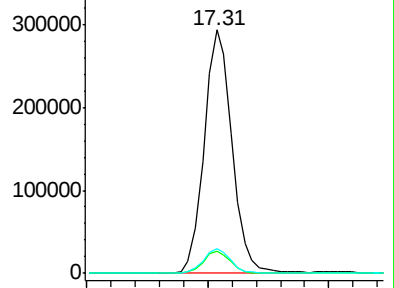
80 10.0 8.2 12.4



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: 21.56 min Scan# 3143

Delta R.T. -0.03 min

Lab File: BG044181.D

Acq: 24 Jan 2020 14:30

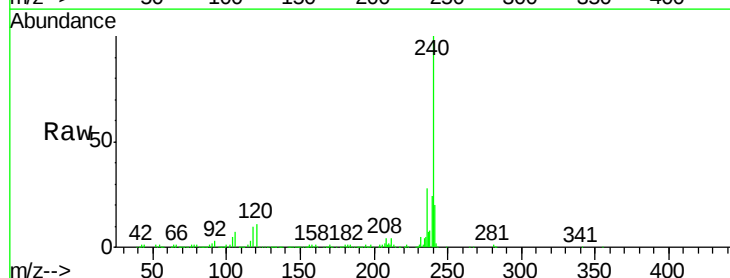
Tgt Ion:240 Resp: 399765

Ion Ratio Lower Upper

240 100

120 11.0 9.6 14.4

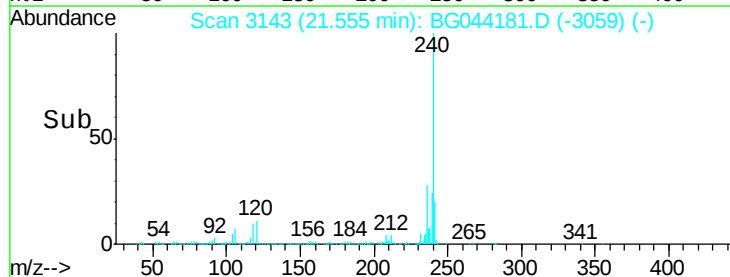
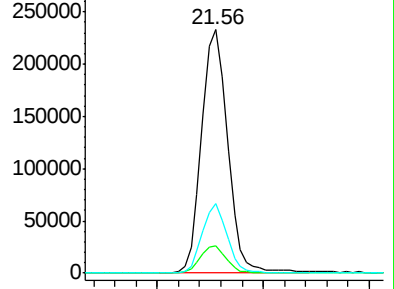
236 28.4 22.2 33.2

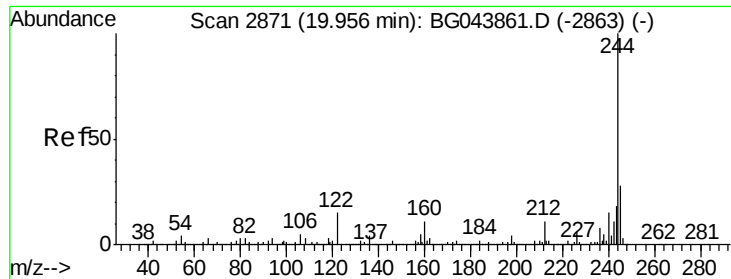


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 81.326 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.03 min

Lab File: BG044181.D

Acq: 24 Jan 2020 14:30

Instrument :

BNA_G

ClientSampled :

EP-15

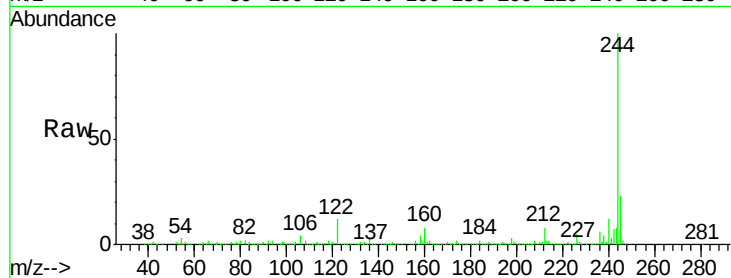
Tot Ion:244 Resp: 1364099

Ion Ratio Lower Upper

244 100

212 8.3 8.6 13.0#

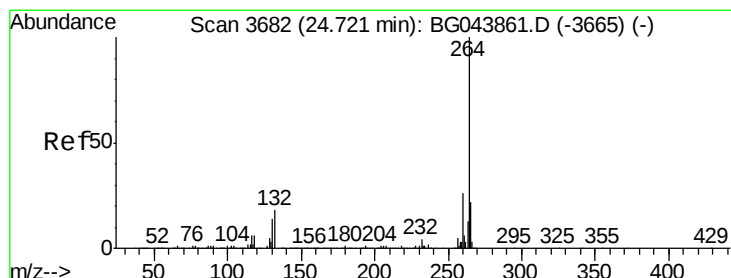
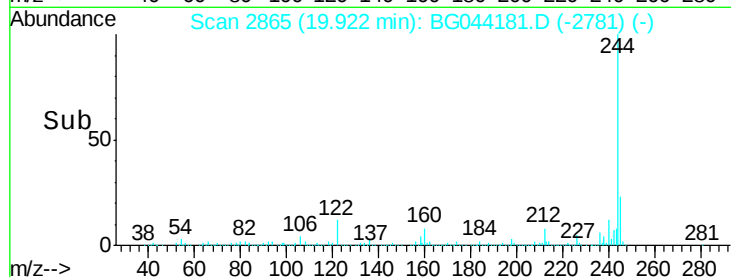
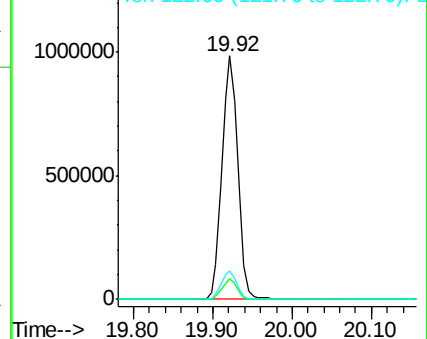
122 11.8 11.9 17.9#



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: 24.66 min Scan# 3671

Delta R.T. -0.06 min

Lab File: BG044181.D

Acq: 24 Jan 2020 14:30

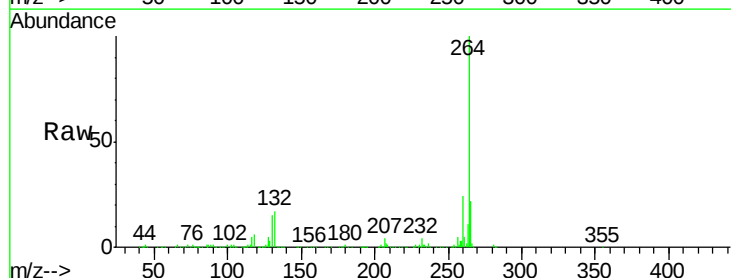
Tgt Ion:264 Resp: 448336

Ion Ratio Lower Upper

264 100

260 23.7 20.4 30.6

265 21.9 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

