

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020520\
 Data File : BG044315.D
 Acq On : 5 Feb 2020 22:02
 Operator : CG/JU
 Sample : L1390-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-5

Quant Time: Feb 06 03:01:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

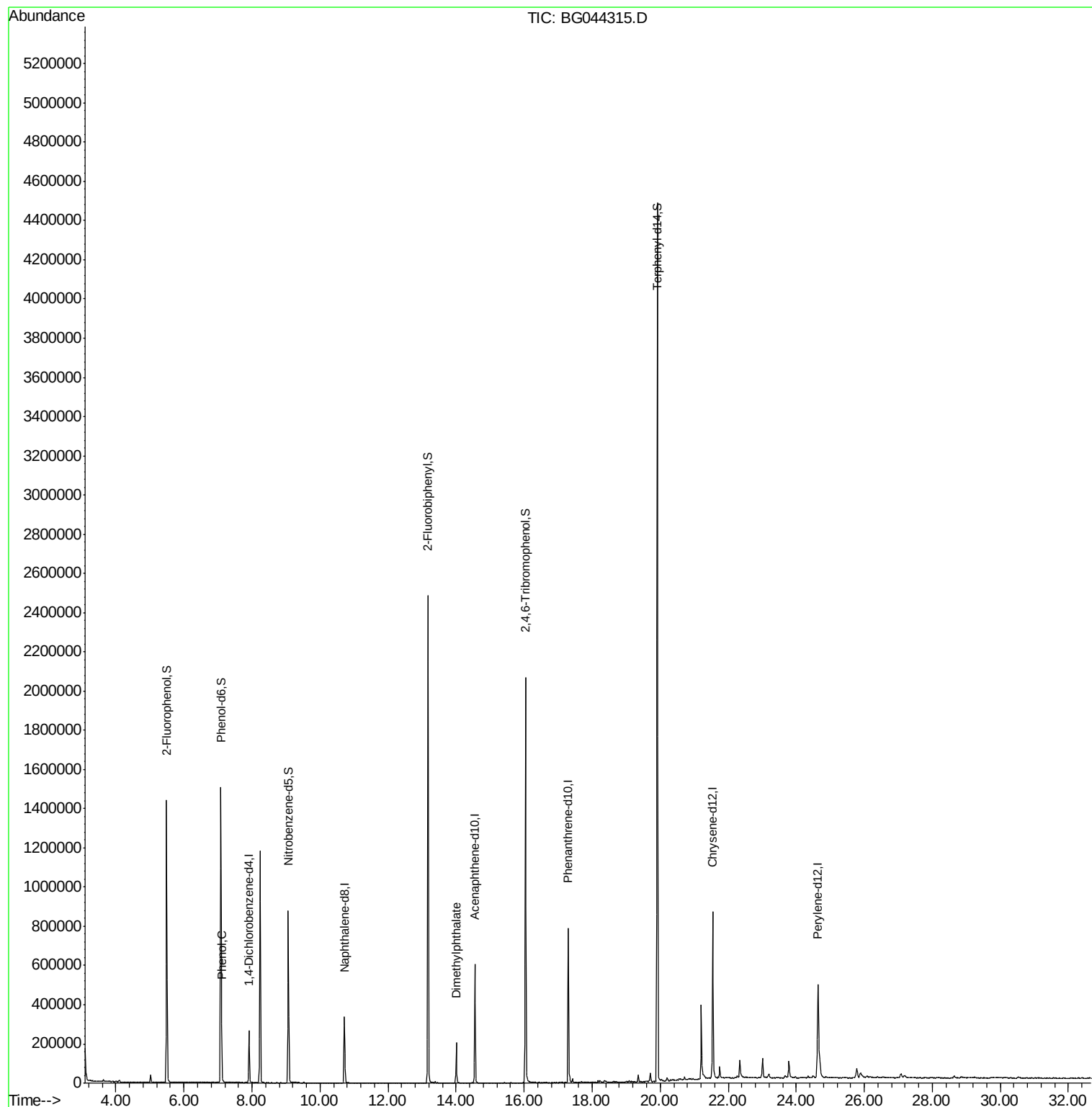
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	81167	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	327817	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	222554	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	527051	20.00	ng	0.00
76) Chrysene-d12	21.54	240	475855	20.00	ng	0.00
87) Perylene-d12	24.64	264	527727	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	717279	155.96	ng	0.00
7) Phenol-d6	7.09	99	955089	154.65	ng	0.00
23) Nitrobenzene-d5	9.07	82	577609	99.48	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	415998	159.22	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1329919	100.07	ng	0.00
79) Terphenyl-d14	19.91	244	2121942	91.72	ng	0.00
Target Compounds						
10) Phenol	7.11	94	20097	3.288	ng	89
50) Dimethylphthalate	14.00	163	152643	9.541	ng	98

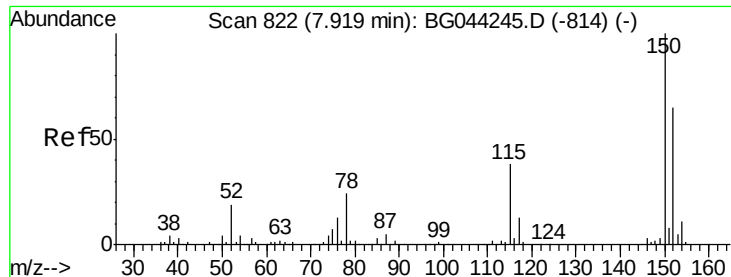
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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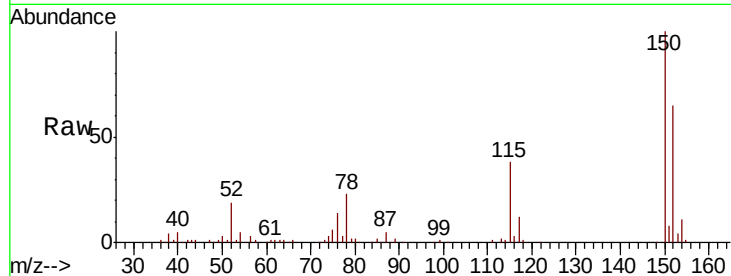


#1

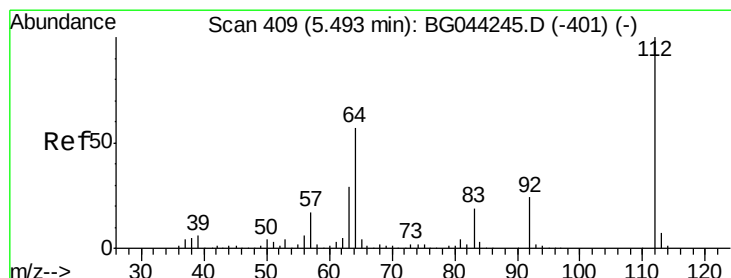
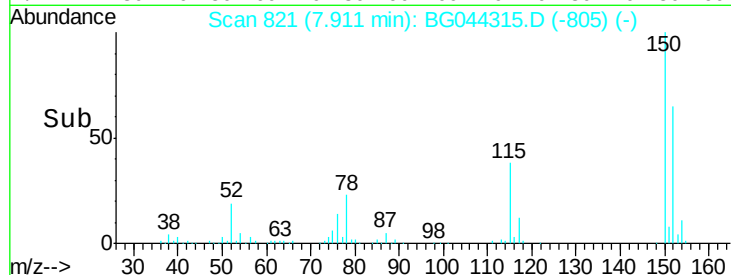
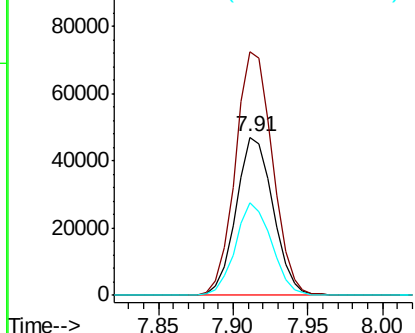
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG044315.D
Acq: 5 Feb 2020 22:02

Instrument :
BNA_G
ClientSampleId :
SB-5

Tot Ion:152 Resp: 81167
Ion Ratio Lower Upper
152 100
150 153.7 122.6 183.8
115 58.1 46.0 69.0



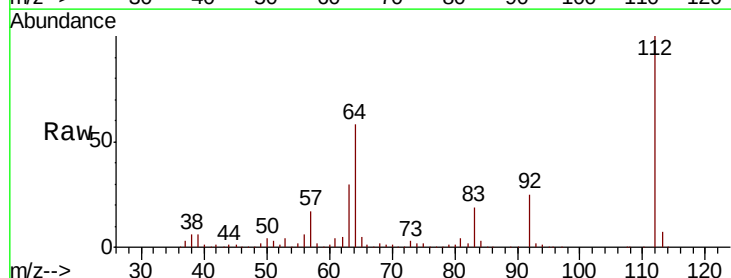
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



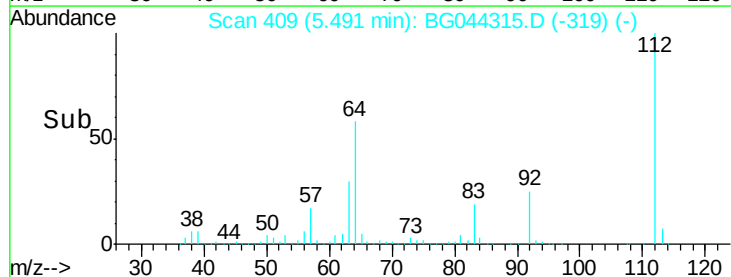
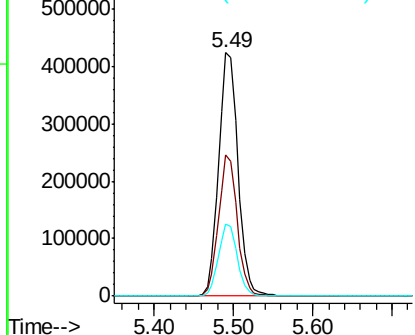
#5

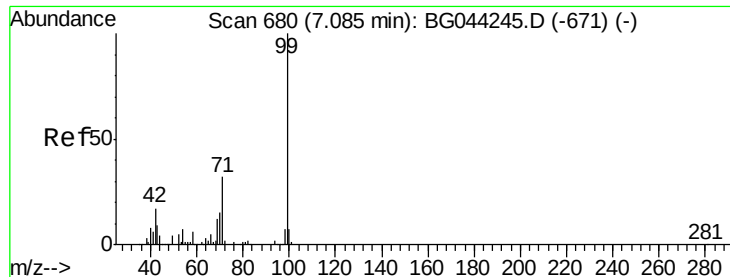
2-Fluorophenol
Concen: 155.960 ng
RT: 5.49 min Scan# 409
Delta R.T. -0.00 min
Lab File: BG044315.D
Acq: 5 Feb 2020 22:02

Tgt Ion:112 Resp: 717279
Ion Ratio Lower Upper
112 100
64 57.8 45.4 68.2
63 29.8 22.9 34.3



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: 154.647 ng

RT: 7.09 min Scan# 681

Delta R.T. 0.00 min

Lab File: BG044315.D

Acq: 5 Feb 2020 22:02

Instrument :

BNA_G

ClientSampled :

SB-5

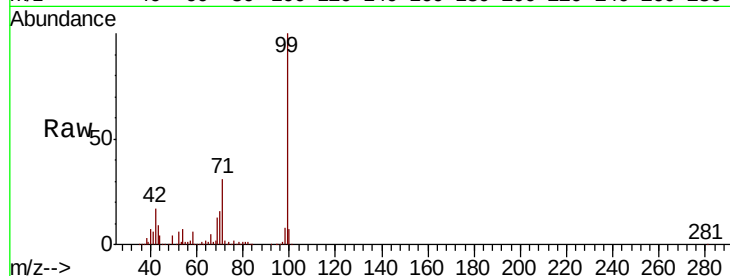
Tot Ion: 99 Resp: 955089

Ion Ratio Lower Upper

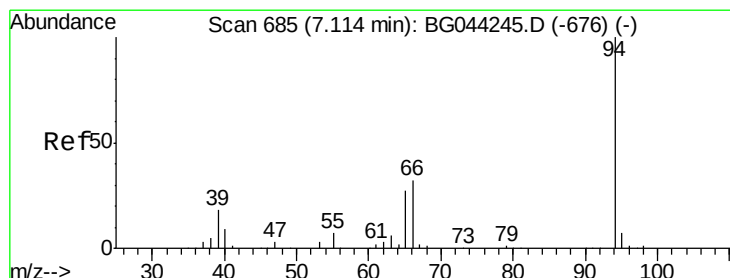
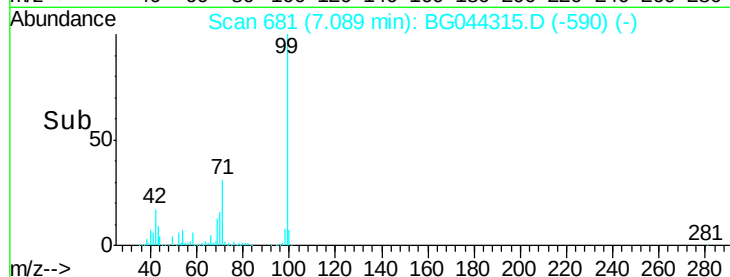
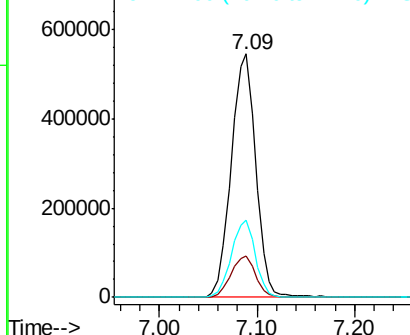
99 100

42 17.2 13.8 20.6

71 31.5 25.5 38.3



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: 3.288 ng

RT: 7.11 min Scan# 685

Delta R.T. -0.00 min

Lab File: BG044315.D

Acq: 5 Feb 2020 22:02

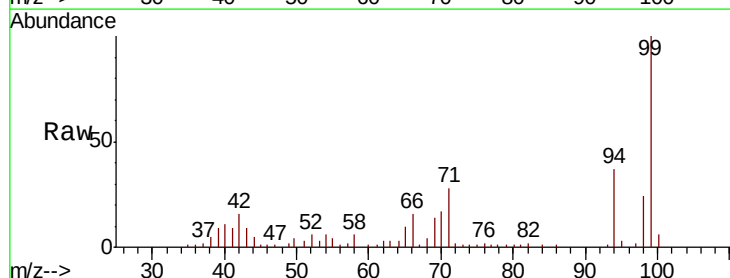
Tgt Ion: 94 Resp: 20097

Ion Ratio Lower Upper

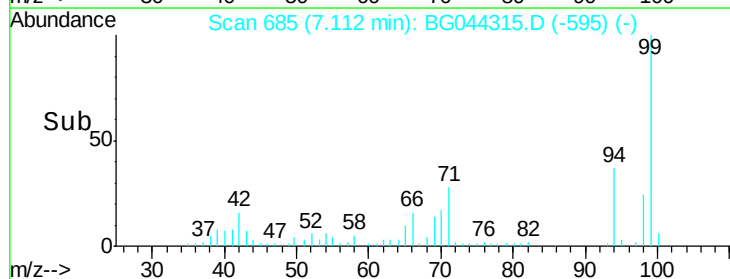
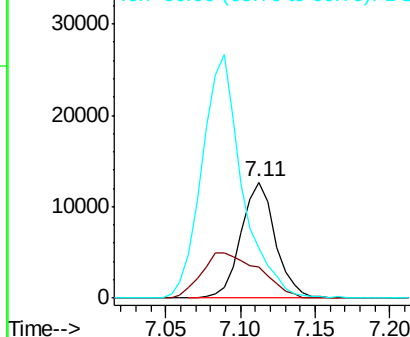
94 100

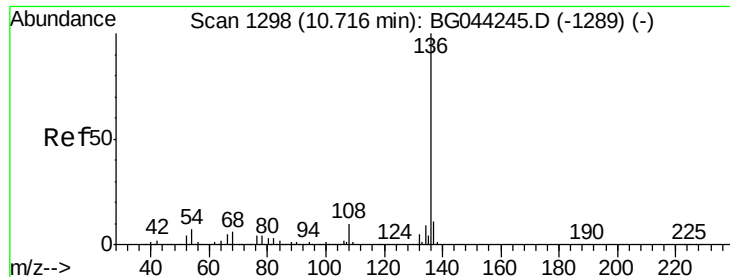
65 26.5 7.0 47.0

66 43.9 12.7 52.7



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

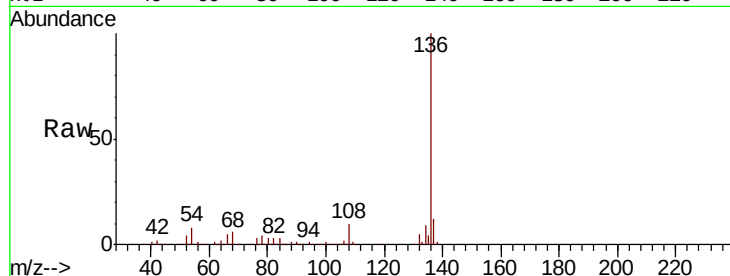




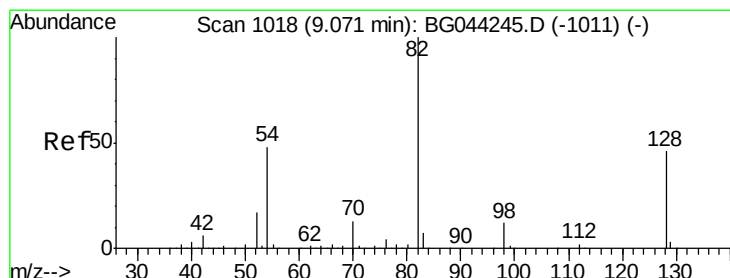
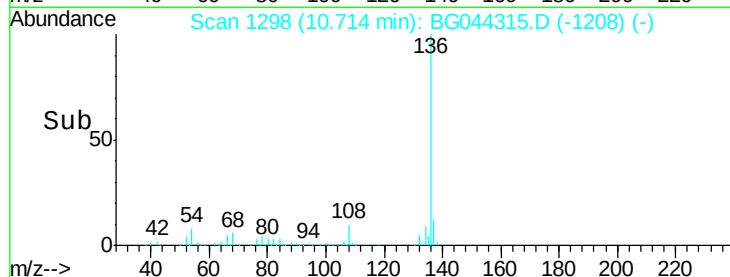
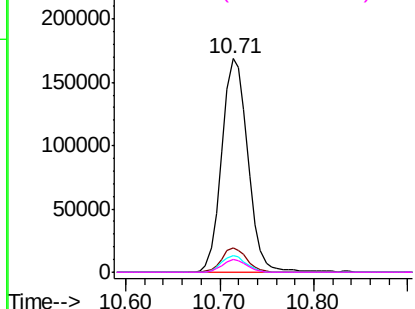
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.71 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG044315.D
Acq: 5 Feb 2020 22:02

Instrument :
BNA_G
ClientSampleId :
SB-5

Tot Ion:136	Resp:	327817
Ion Ratio	Lower	Upper
136 100		
137 11.5	8.8	13.2
54 7.6	5.8	8.8
68 6.0	4.6	6.8

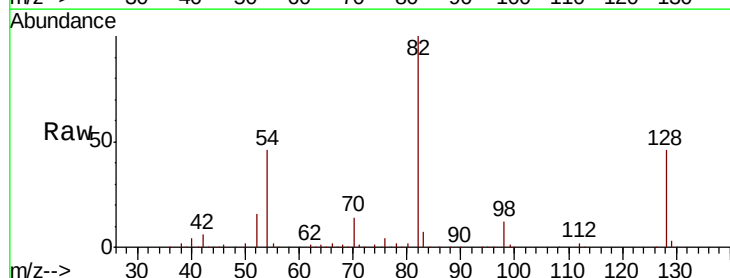


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

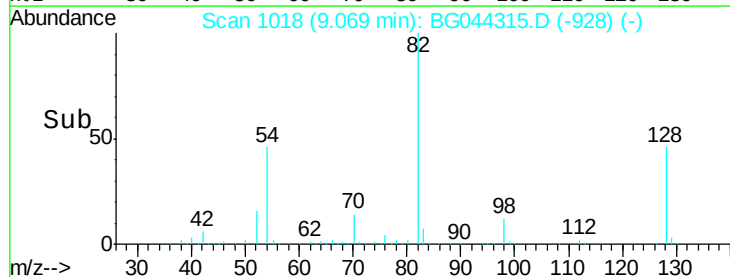
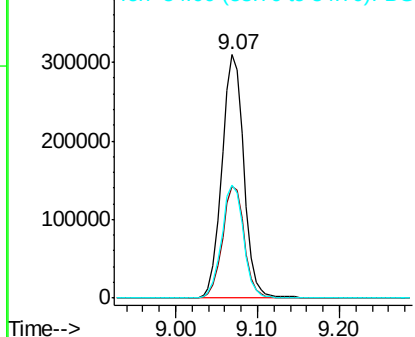


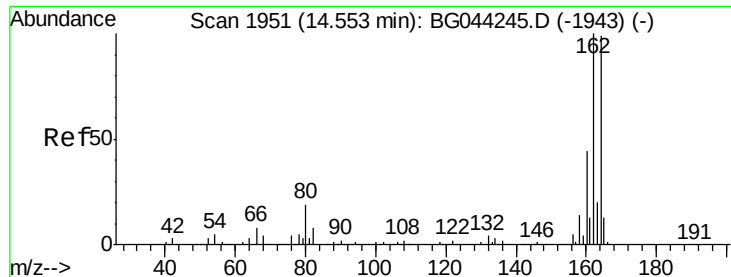
#23
Nitrobenzene-d5
Concen: 99.475 ng
RT: 9.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BG044315.D
Acq: 5 Feb 2020 22:02

Tgt Ion: 82	Resp: 577609
Ion Ratio	Lower Upper
82 100	
128 46.2	36.5 54.7
54 46.3	38.6 58.0



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: 14.55 min Scan# 1951

Delta R.T. -0.00 min

Lab File: BG044315.D

Acq: 5 Feb 2020 22:02

Instrument :

BNA_G

ClientSampleId :

SB-5

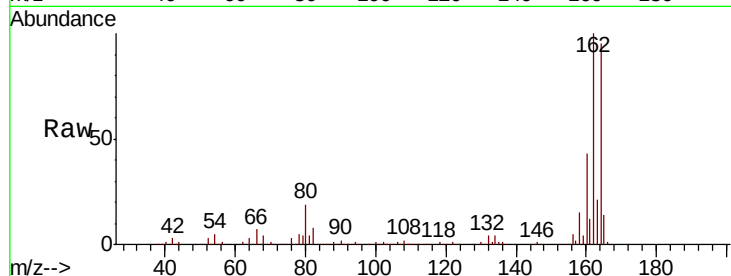
Tot Ion:164 Resp: 222554

Ion Ratio Lower Upper

164 100

162 105.0 80.7 121.1

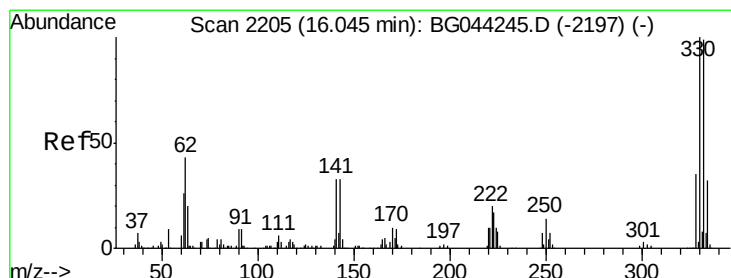
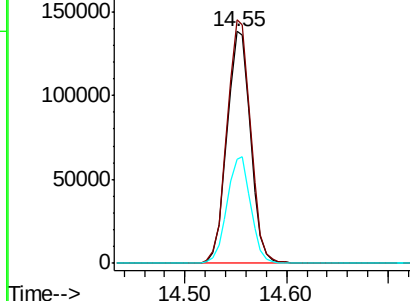
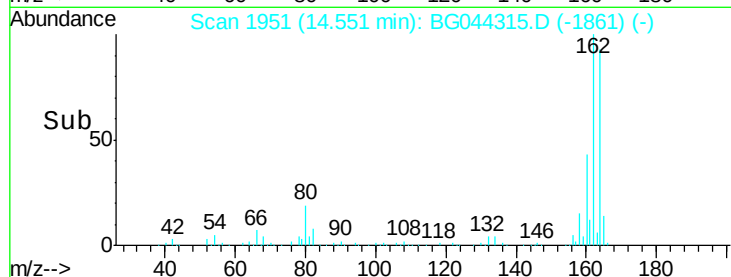
160 45.1 35.3 52.9



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: 159.224 ng

RT: 16.04 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BG044315.D

Acq: 5 Feb 2020 22:02

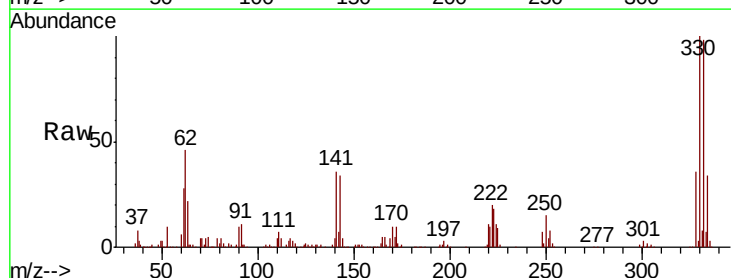
Tgt Ion:330 Resp: 415998

Ion Ratio Lower Upper

330 100

332 96.2 77.2 115.8

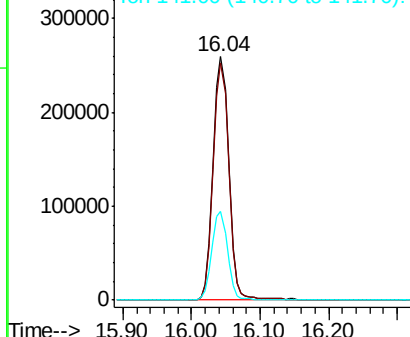
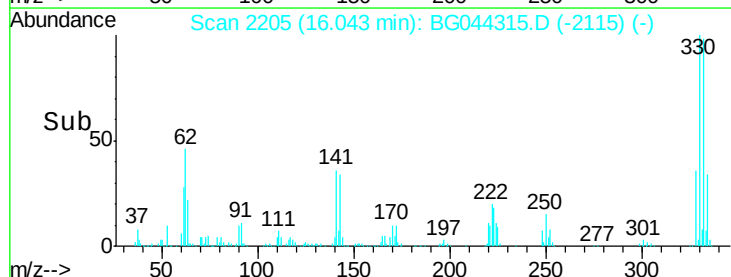
141 36.4 28.3 42.5

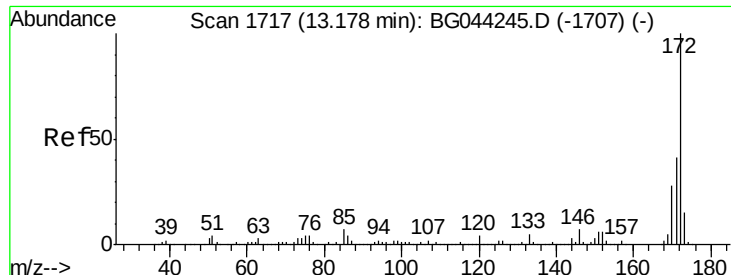


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

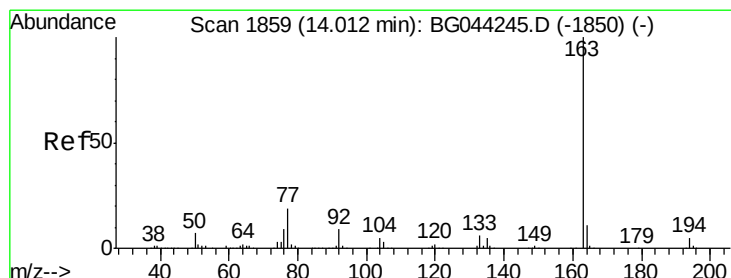
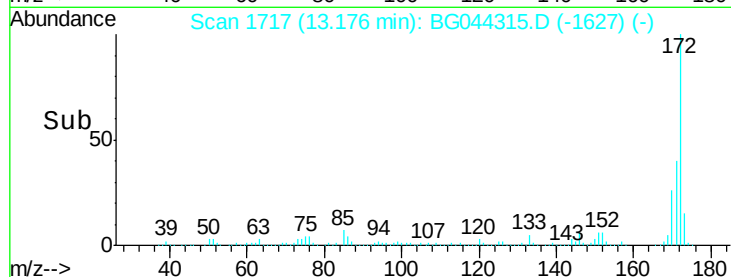
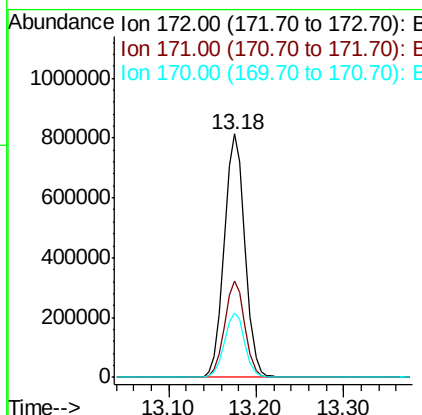
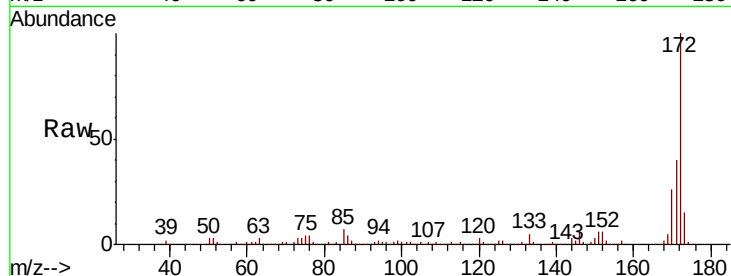




#45
2-Fluorobiphenyl
Concen: 100.067 ng
RT: 13.18 min Scan# 1717
Delta R.T. -0.00 min
Lab File: BG044315.D
Acq: 5 Feb 2020 22:02

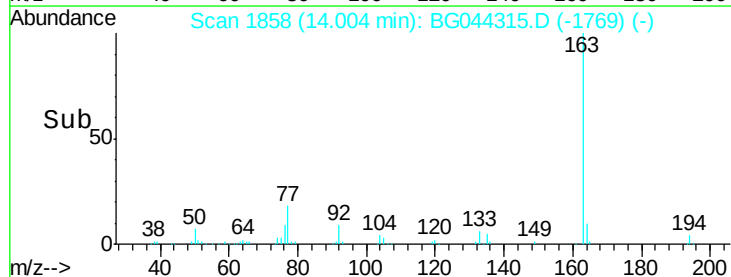
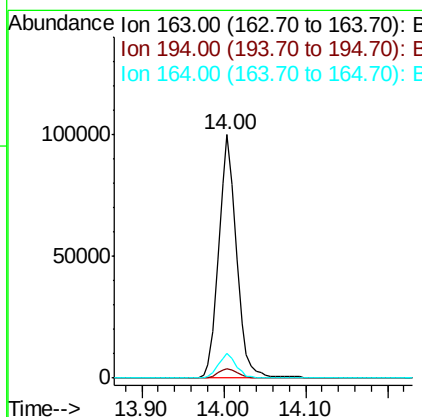
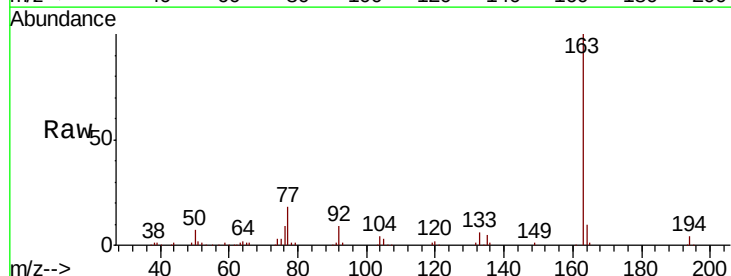
Instrument :
BNA_G
ClientSampled :
SB-5

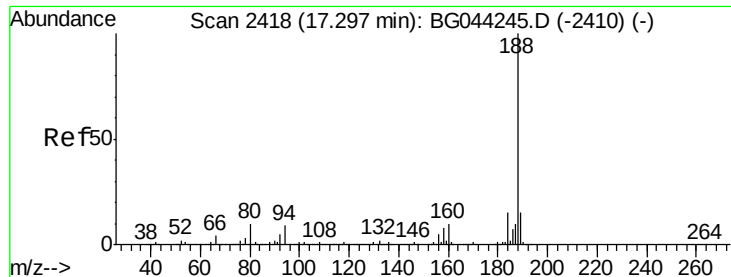
Tot Ion:172 Resp: 1329919
Ion Ratio Lower Upper
172 100
171 39.8 32.9 49.3
170 26.4 22.0 33.0



#50
Dimethylphthalate
Concen: 9.541 ng
RT: 14.00 min Scan# 1858
Delta R.T. -0.01 min
Lab File: BG044315.D
Acq: 5 Feb 2020 22:02

Tgt Ion:163 Resp: 152643
Ion Ratio Lower Upper
163 100
194 3.7 3.6 5.4
164 10.3 8.7 13.1

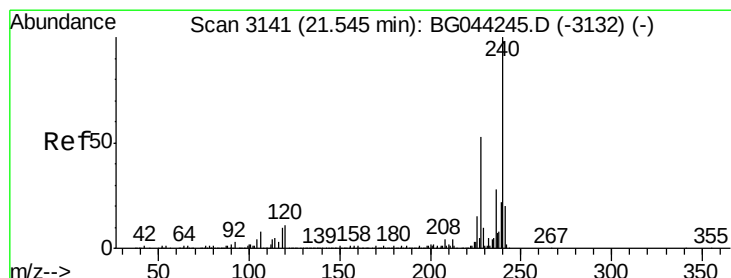
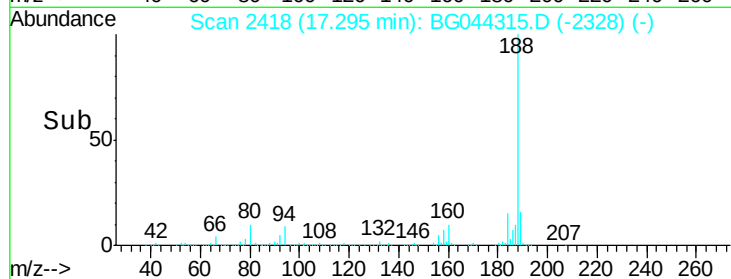
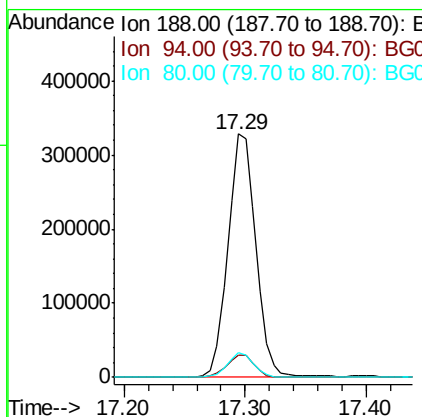
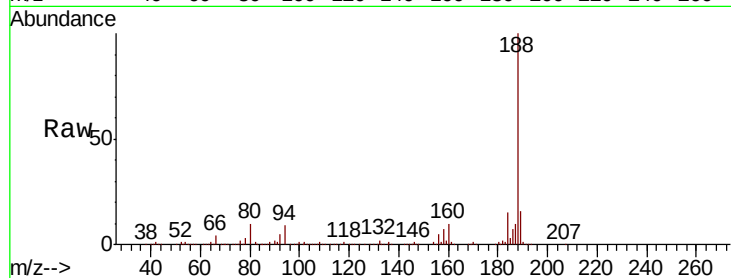




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.29 min Scan# 2418
Delta R.T. -0.00 min
Lab File: BG044315.D
Acq: 5 Feb 2020 22:02

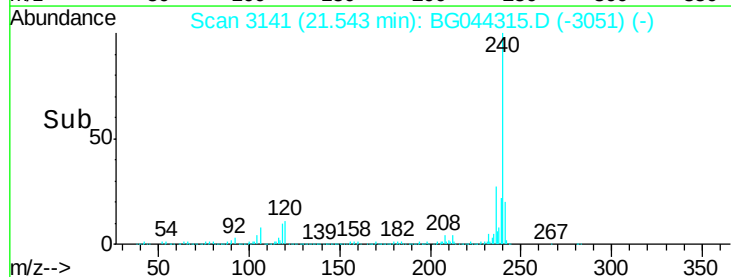
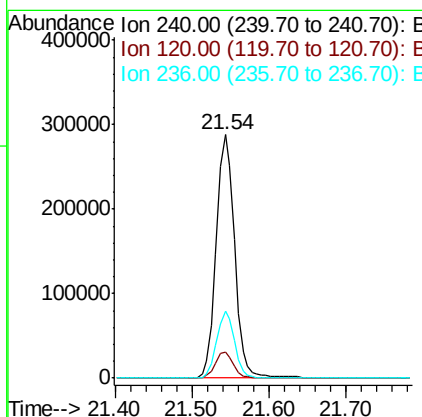
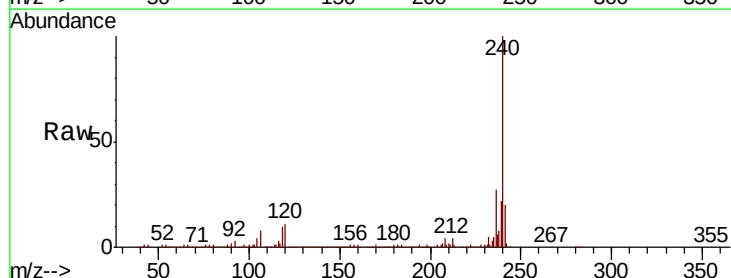
Instrument :
BNA_G
ClientSampleId :
SB-5

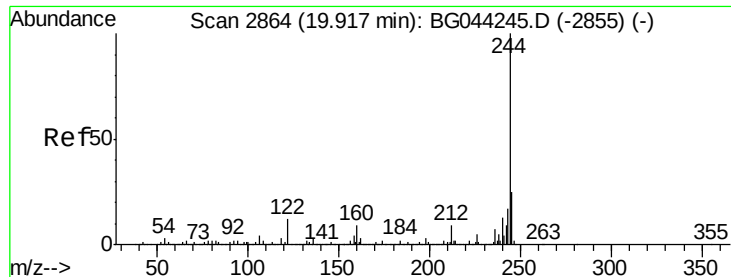
Tot Ion:188 Resp: 527051
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.2
80 9.9 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG044315.D
Acq: 5 Feb 2020 22:02

Tgt Ion:240 Resp: 475855
Ion Ratio Lower Upper
240 100
120 10.7 8.4 12.6
236 27.3 22.1 33.1





#79

Terphenyl-d14

Concen: 91.720 ng

RT: 19.91 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG044315.D

Acq: 5 Feb 2020 22:02

Instrument :

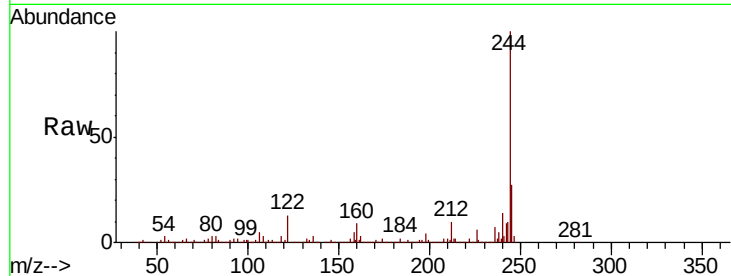
BNA_G

ClientSampleId :

SB-5

Tot Ion:244 Resp: 2121942

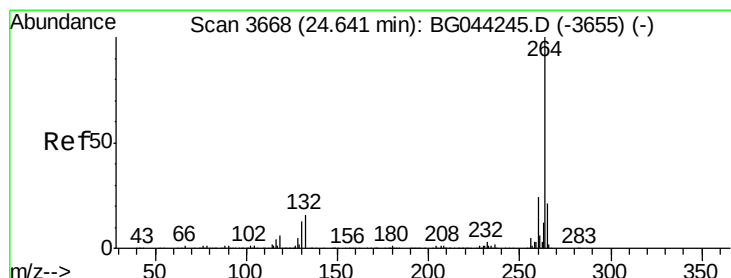
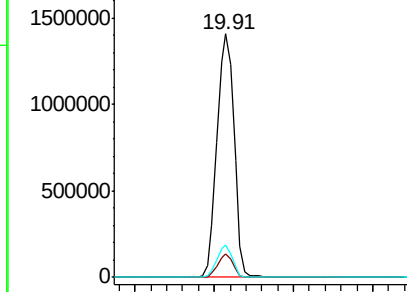
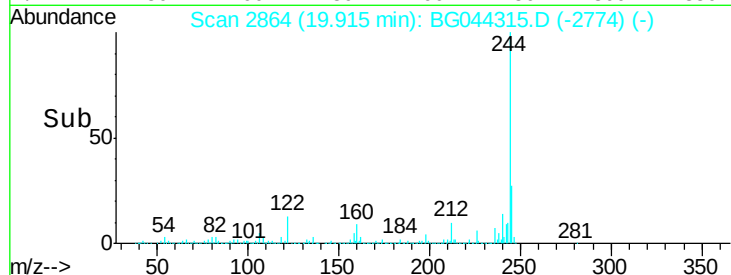
Ion	Ratio	Lower	Upper
244	100		
212	9.9	7.4	11.2
122	13.1	9.8	14.6



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: 24.64 min Scan# 3668

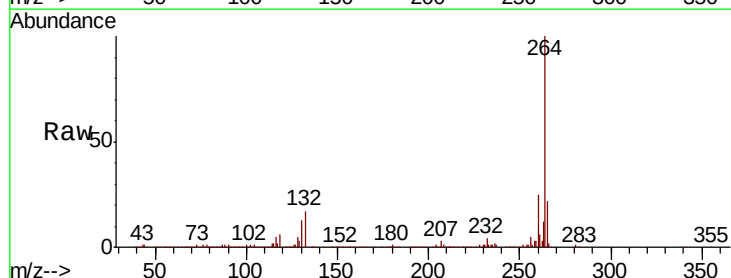
Delta R.T. -0.00 min

Lab File: BG044315.D

Acq: 5 Feb 2020 22:02

Tgt Ion:264 Resp: 527727

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	22.3	16.7	25.1



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

