

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011620\
 Data File : BG044068.D
 Acq On : 16 Jan 2020 14:43
 Operator : JU
 Sample : L1125-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FESB-21A-(2.5-3)

Quant Time: Jan 17 07:16:53 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

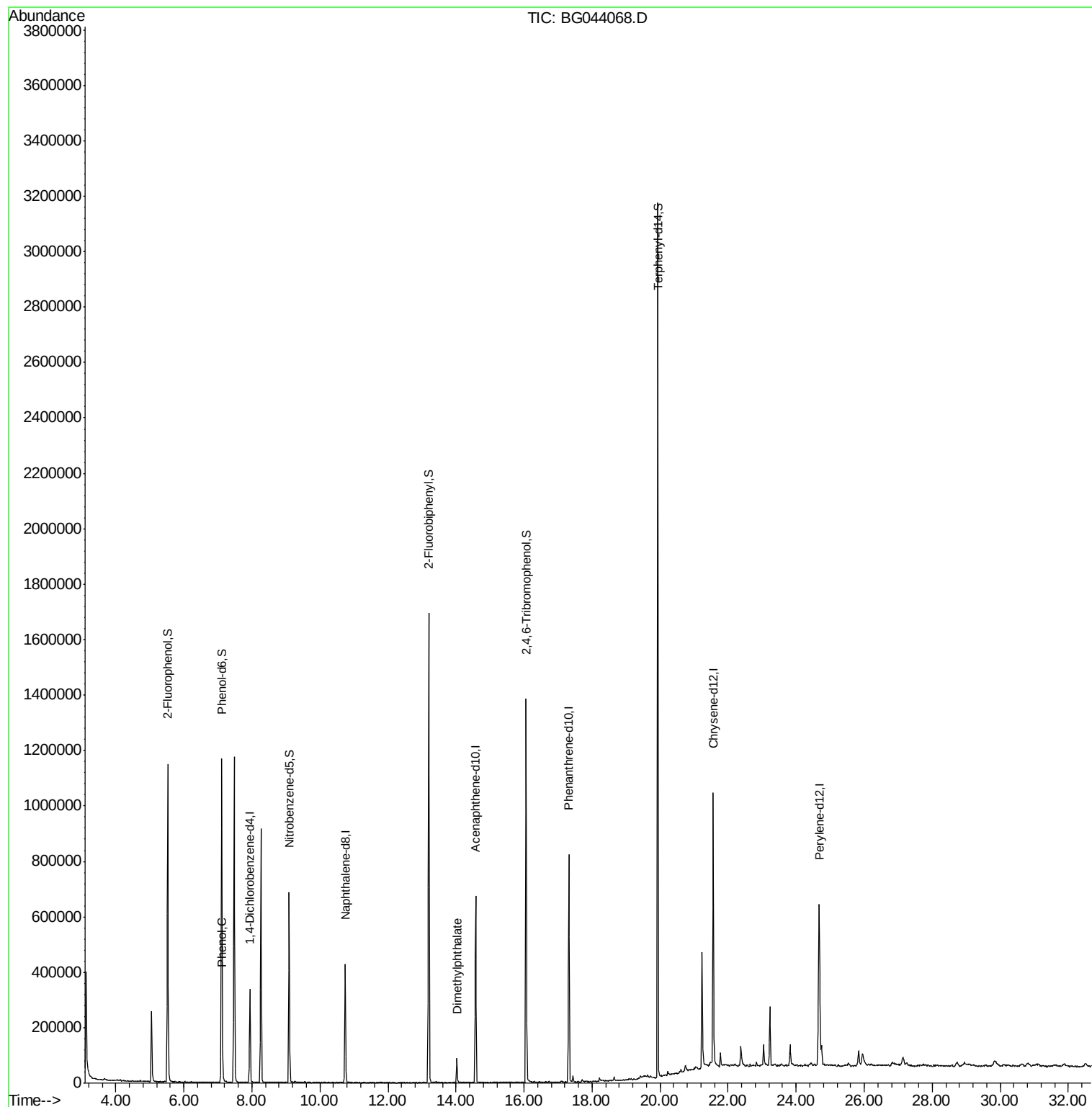
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	103862	20.00	ng	-0.02
21) Naphthalene-d8	10.74	136	403125	20.00	ng	-0.03
39) Acenaphthene-d10	14.58	164	241716	20.00	ng	-0.02
64) Phenanthrene-d10	17.31	188	540907	20.00	ng	-0.02
76) Chrysene-d12	21.56	240	533555	20.00	ng	-0.03
87) Perylene-d12	24.68	264	602111	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	577497	102.09	ng	-0.02
7) Phenol-d6	7.11	99	773347	97.81	ng	0.00
23) Nitrobenzene-d5	9.09	82	439941	58.38	ng	-0.03
42) 2,4,6-Tribromophenol	16.06	330	270873	107.09	ng	-0.02
45) 2-Fluorobiphenyl	13.20	172	912736	68.41	ng	-0.03
79) Terphenyl-d14	19.93	244	1460764	60.73	ng	-0.03
Target Compounds						
10) Phenol	7.14	94	20580	2.526	ng	93
50) Dimethylphthalate	14.02	163	68014	3.963	ng	96

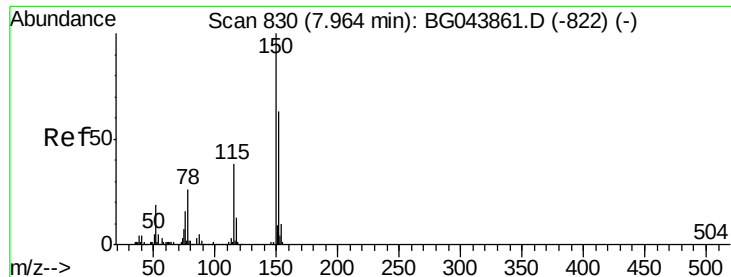
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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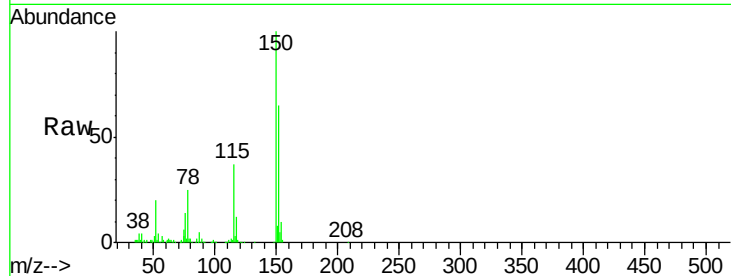


#1

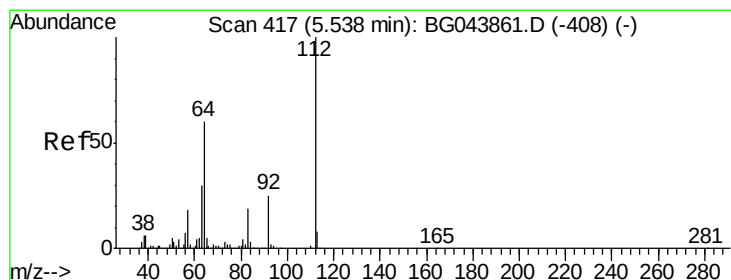
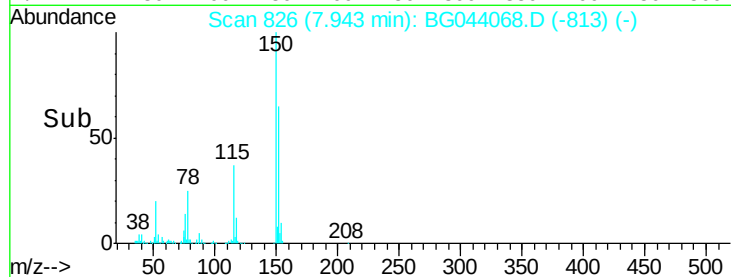
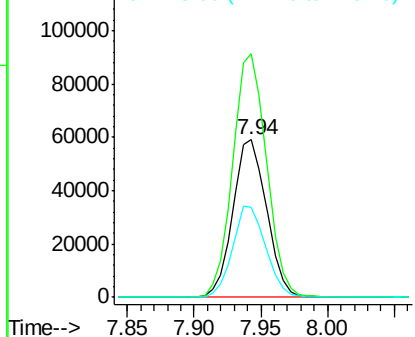
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.02 min
Lab File: BG044068.D
Acq: 16 Jan 2020 14:43

Instrument :
BNA_G
ClientSampleId :
FESB-21A-(2.5-3)

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	127.0	190.4
115	57.2	47.8	71.8



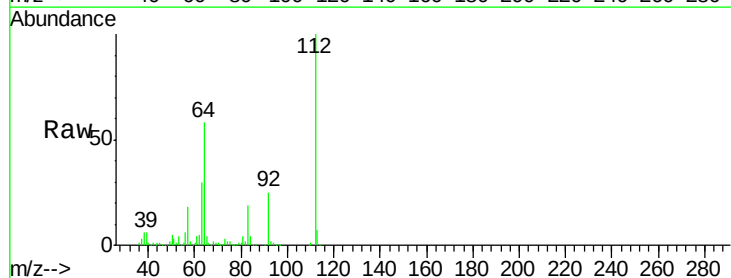
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



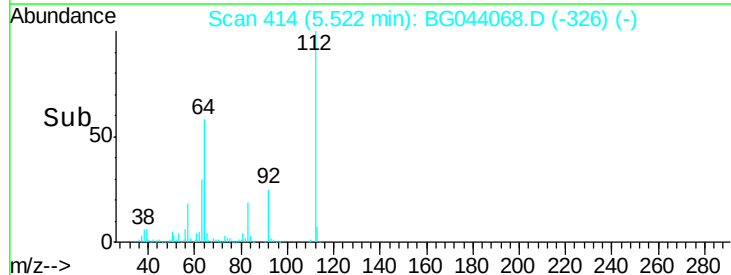
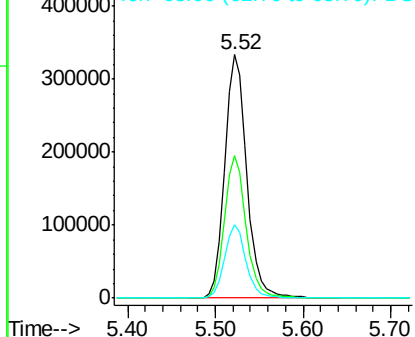
#5

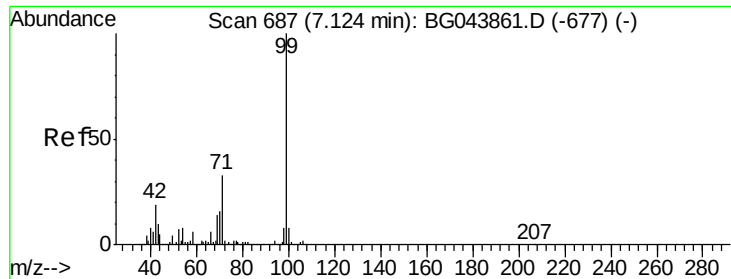
2-Fluorophenol
Concen: 102.093 ng
RT: 5.52 min Scan# 414
Delta R.T. -0.02 min
Lab File: BG044068.D
Acq: 16 Jan 2020 14:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.3	47.8	71.6
63	30.4	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: 97.807 ng

RT: 7.11 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG044068.D

Acq: 16 Jan 2020 14:43

Instrument :

BNA_G

ClientSampleId :

FESB-21A-(2.5-3)

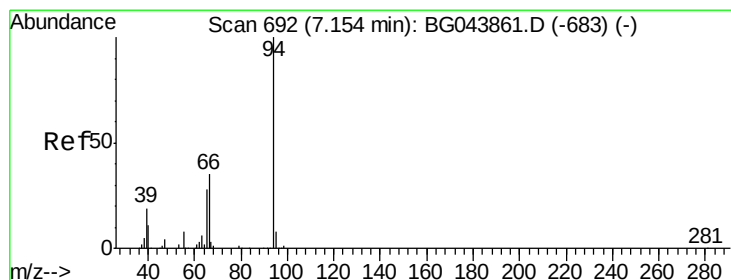
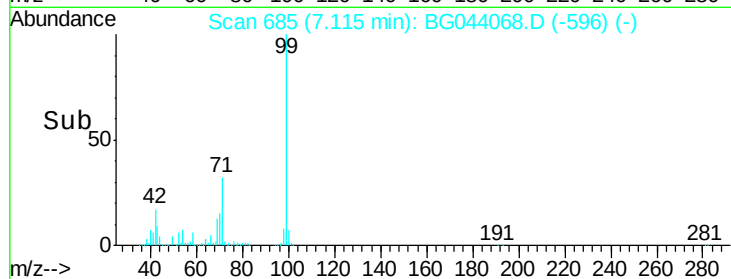
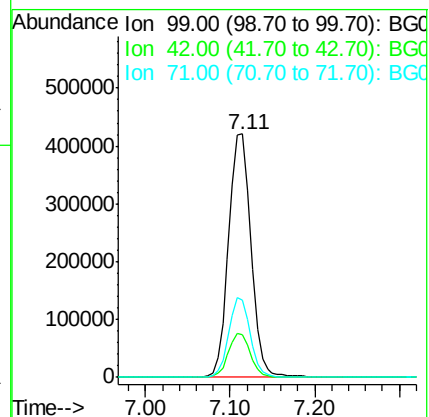
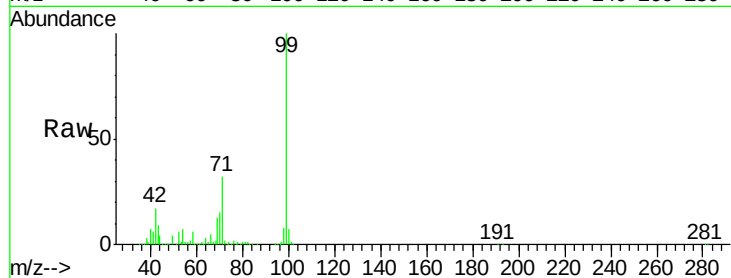
Tot Ion: 99 Resp: 773347

Ion Ratio Lower Upper

99 100

42 17.5 14.9 22.3

71 31.9 26.4 39.6



#10

Phenol

Concen: 2.526 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.02 min

Lab File: BG044068.D

Acq: 16 Jan 2020 14:43

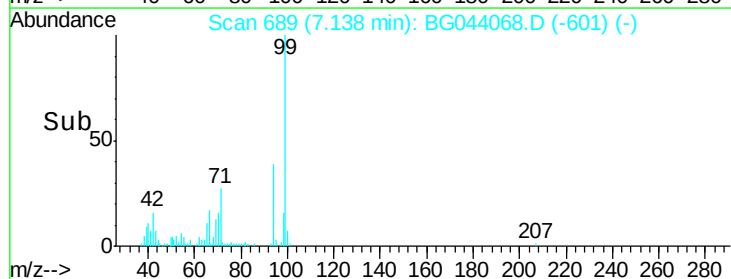
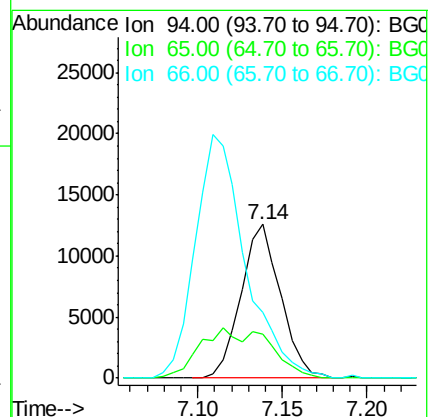
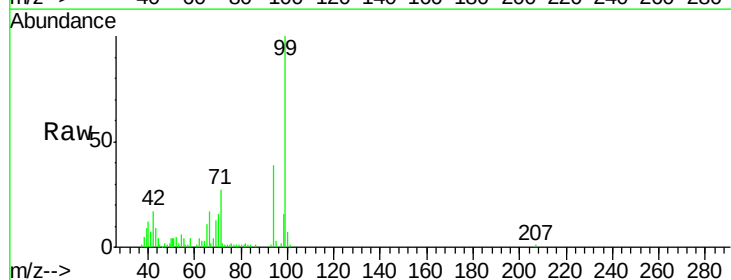
Tgt Ion: 94 Resp: 20580

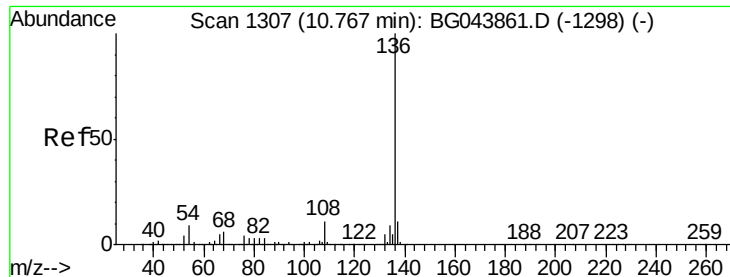
Ion Ratio Lower Upper

94 100

65 28.2 8.1 48.1

66 42.8 15.6 55.6

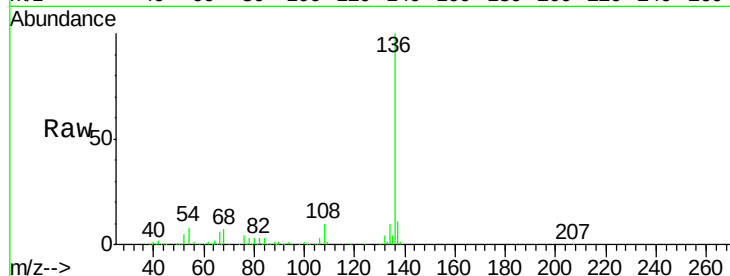




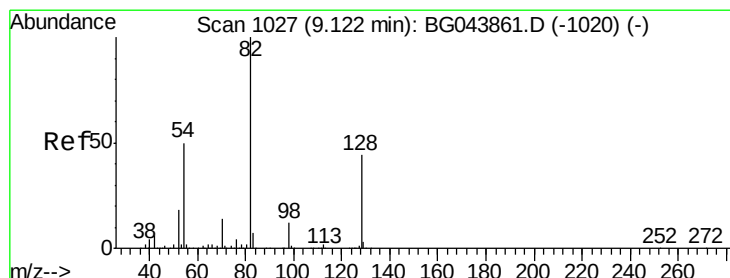
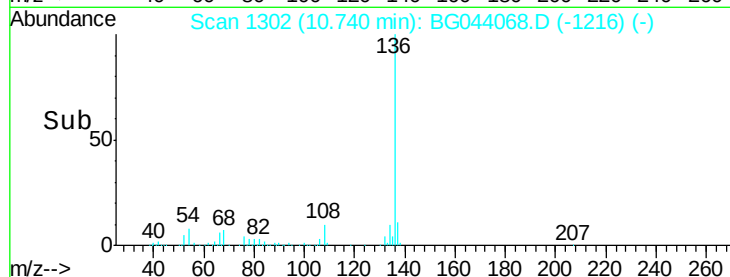
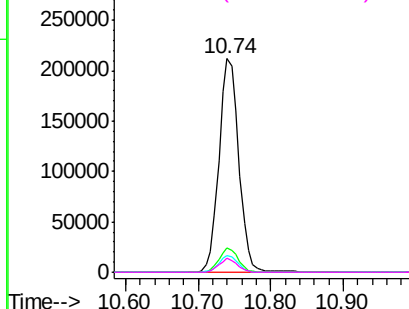
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.74 min Scan# 1302
Delta R.T. -0.03 min
Lab File: BG044068.D
Acq: 16 Jan 2020 14:43

Instrument :
BNA_G
ClientSampleId :
FESB-21A-(2.5-3)

Tot Ion:136	Resp:	403125
Ion	Ratio	Lower Upper
136	100	
137	11.5	8.8 13.2
54	7.8	7.0 10.4
68	6.7	4.9 7.3

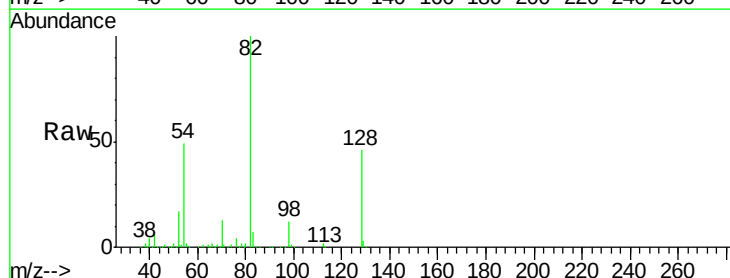


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

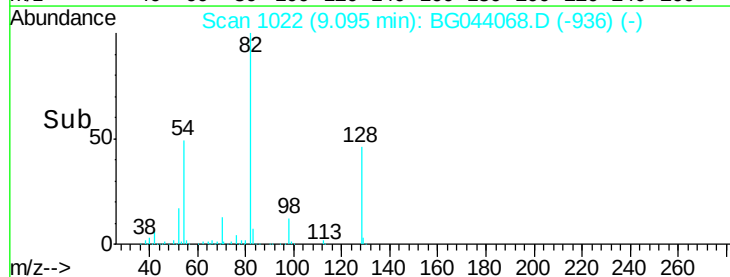
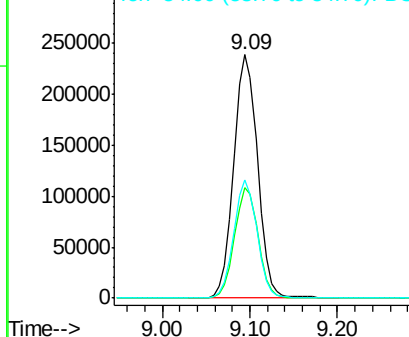


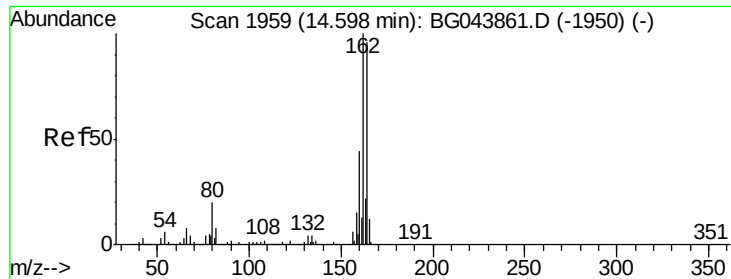
#23
Nitrobenzene-d5
Concen: 58.381 ng
RT: 9.09 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BG044068.D
Acq: 16 Jan 2020 14:43

Tgt Ion: 82	Resp:	439941
Ion	Ratio	Lower Upper
82	100	
128	45.6	35.1 52.7
54	48.6	40.1 60.1



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: 14.58 min Scan# 1955

Delta R.T. -0.02 min

Lab File: BG044068.D

Acq: 16 Jan 2020 14:43

Instrument :

BNA_G

ClientSampleId :

FESB-21A-(2.5-3)

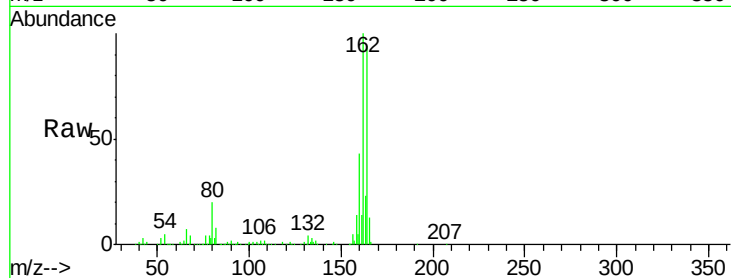
Tot Ion:164 Resp: 241716

Ion Ratio Lower Upper

164 100

162 106.5 83.0 124.4

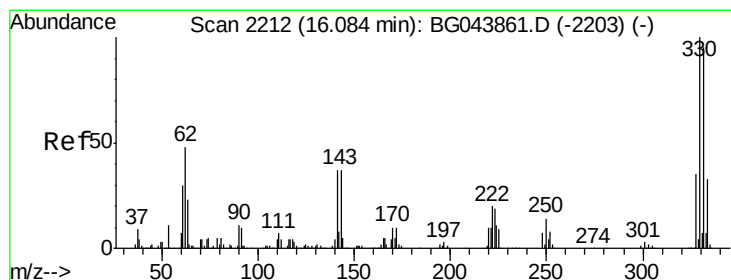
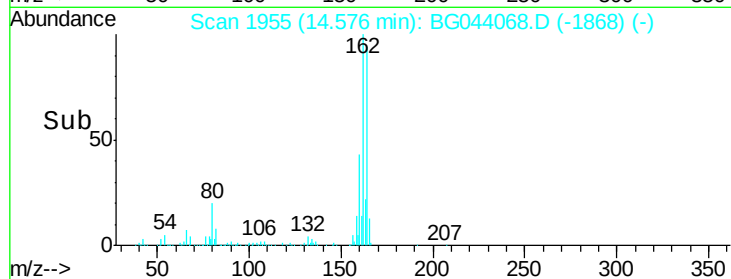
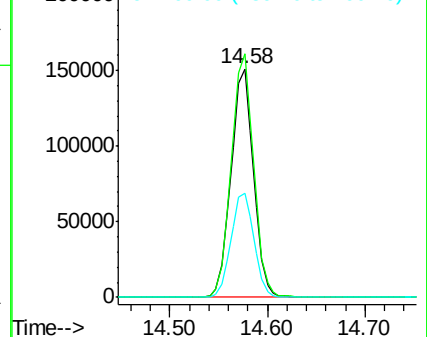
160 45.7 36.1 54.1



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: 107.085 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.02 min

Lab File: BG044068.D

Acq: 16 Jan 2020 14:43

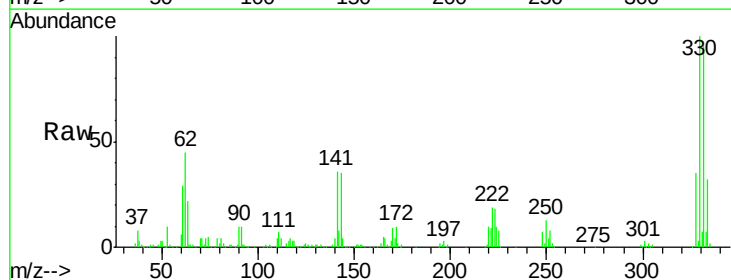
Tgt Ion:330 Resp: 270873

Ion Ratio Lower Upper

330 100

332 95.1 77.2 115.8

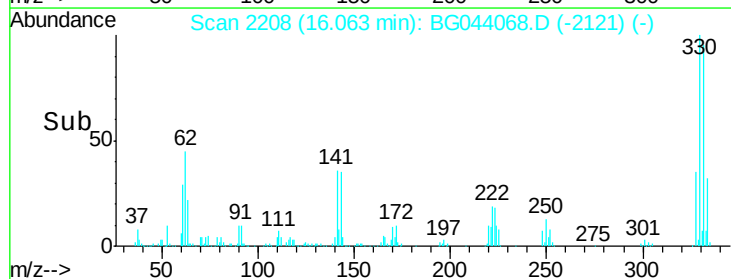
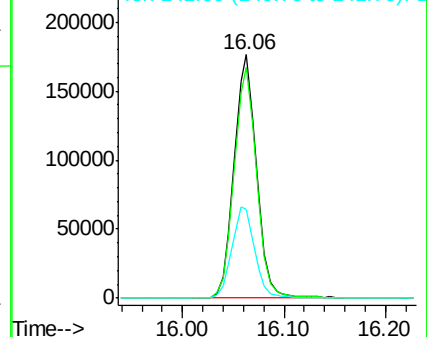
141 38.0 33.1 49.7

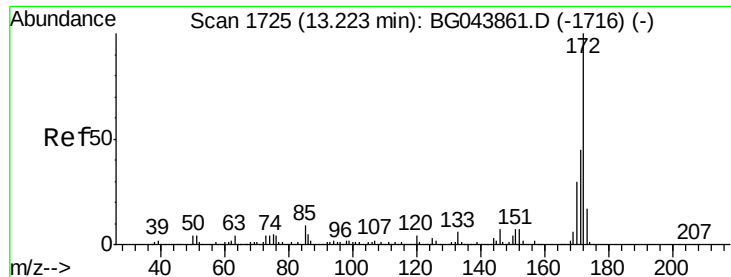


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 68.414 ng

RT: 13.20 min Scan# 1720

Delta R.T. -0.03 min

Lab File: BG044068.D

Acq: 16 Jan 2020 14:43

Instrument :

BNA_G

ClientSampleId :

FESB-21A-(2.5-3)

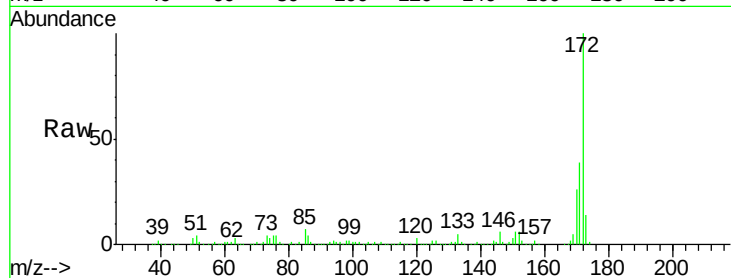
Tot Ion:172 Resp: 912736

Ion Ratio Lower Upper

172 100

171 38.6 35.8 53.8

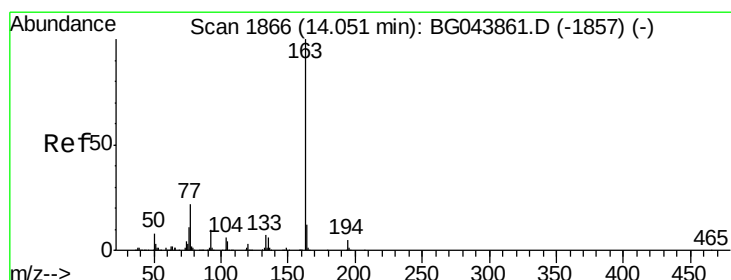
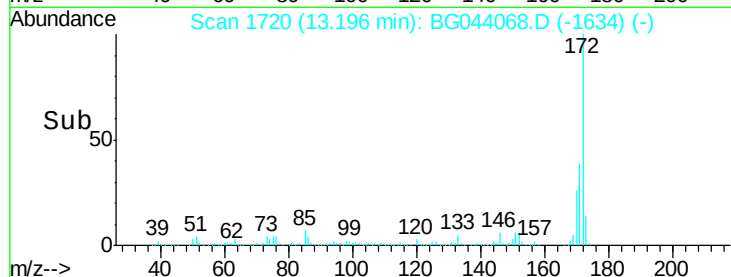
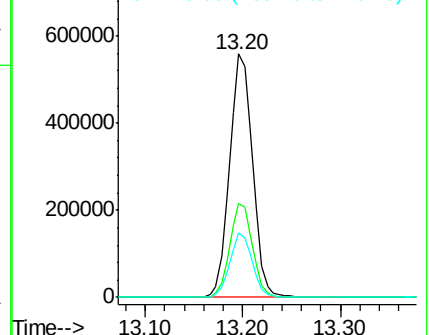
170 26.4 24.2 36.4



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50

Dimethylphthalate

Concen: 3.963 ng

RT: 14.02 min Scan# 1861

Delta R.T. -0.03 min

Lab File: BG044068.D

Acq: 16 Jan 2020 14:43

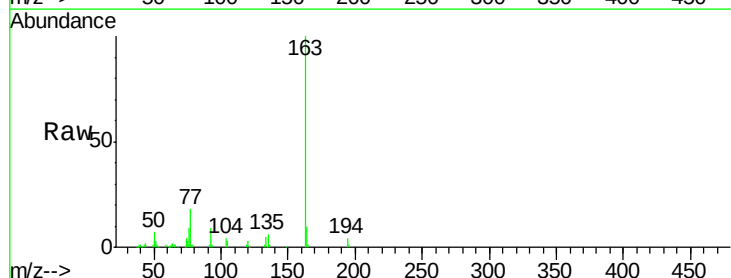
Tgt Ion:163 Resp: 68014

Ion Ratio Lower Upper

163 100

194 3.9 3.7 5.5

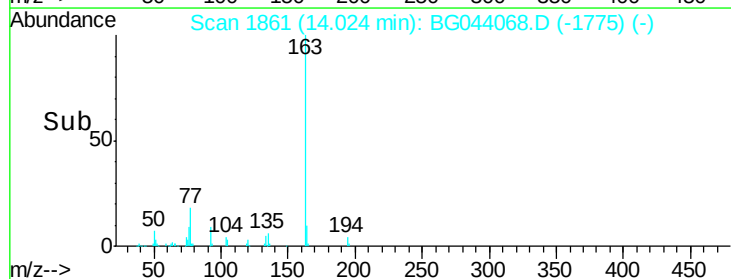
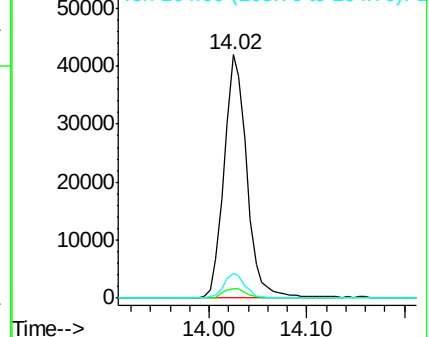
164 10.0 9.3 13.9

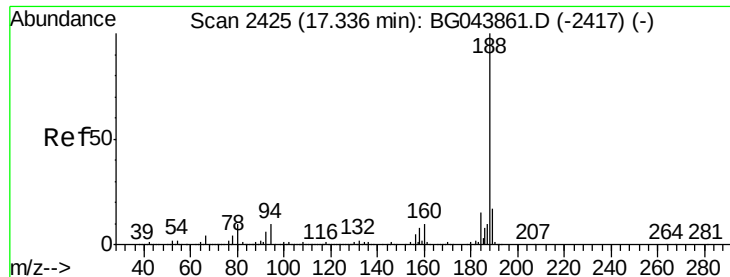


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

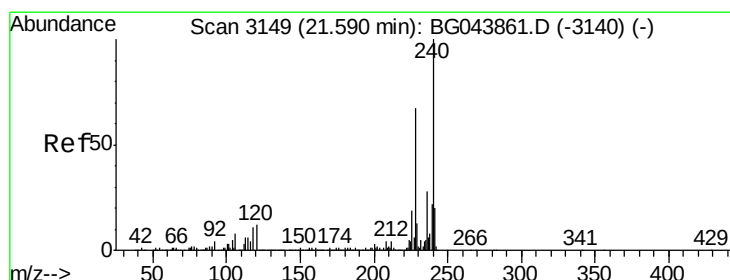
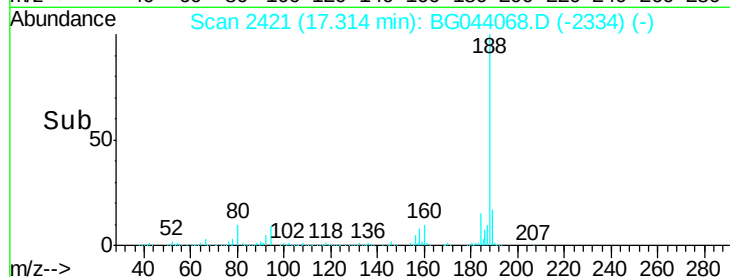
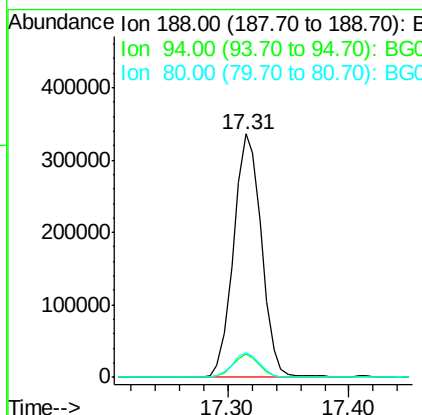
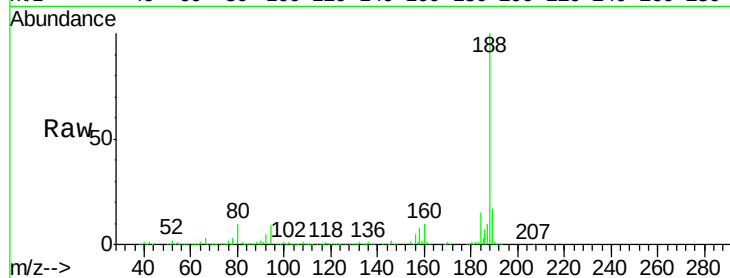




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2421
Delta R.T. -0.02 min
Lab File: BG044068.D
Acq: 16 Jan 2020 14:43

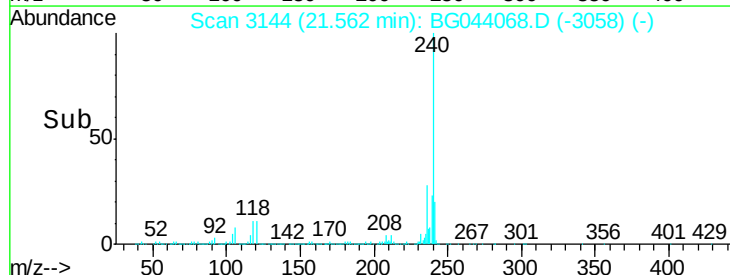
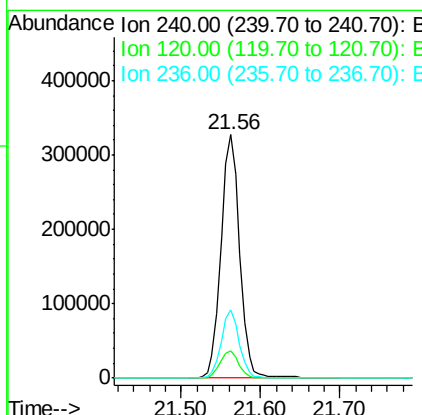
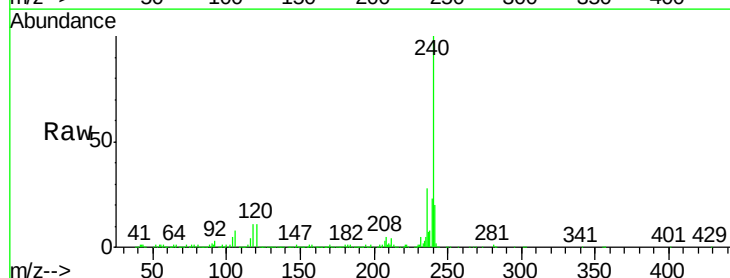
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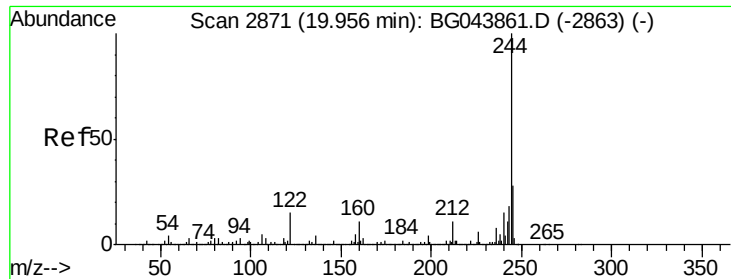
Tot Ion:188 Resp: 540907
Ion Ratio Lower Upper
188 100
94 9.4 7.9 11.9
80 10.2 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.03 min
Lab File: BG044068.D
Acq: 16 Jan 2020 14:43

Tgt Ion:240 Resp: 533555
Ion Ratio Lower Upper
240 100
120 11.3 9.6 14.4
236 28.3 22.2 33.2





#79

Terphenyl-d14

Concen: 60.733 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.03 min

Lab File: BG044068.D

Acq: 16 Jan 2020 14:43

Instrument :

BNA_G

ClientSampleId :

FESB-21A-(2.5-3)

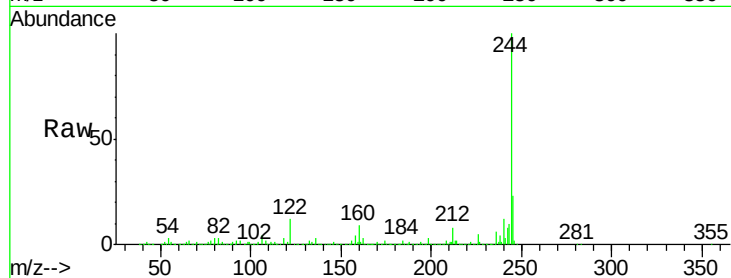
Tot Ion:244 Resp: 1460764

Ion Ratio Lower Upper

244 100

212 8.4 8.6 13.0#

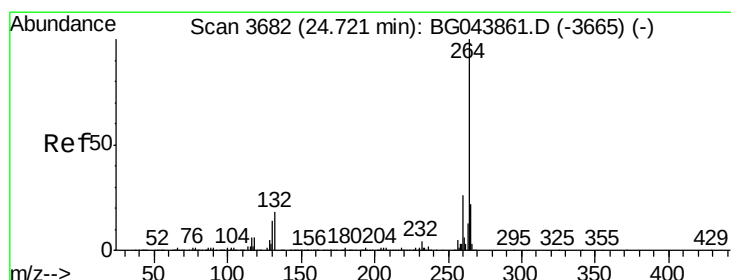
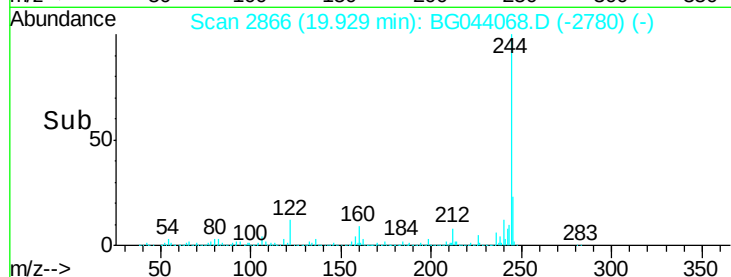
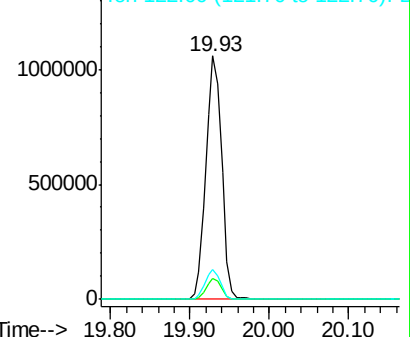
122 12.3 11.9 17.9



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: 24.68 min Scan# 3674

Delta R.T. -0.04 min

Lab File: BG044068.D

Acq: 16 Jan 2020 14:43

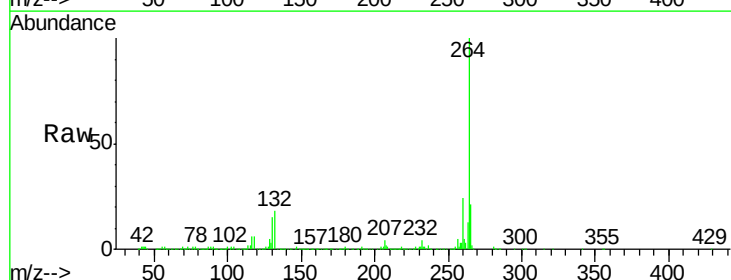
Tgt Ion:264 Resp: 602111

Ion Ratio Lower Upper

264 100

260 23.5 20.4 30.6

265 20.6 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

