

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
 Data File : BG044116.D
 Acq On : 21 Jan 2020 2:51
 Operator : JU
 Sample : L1176-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EP-1

Quant Time: Jan 21 07:29:06 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

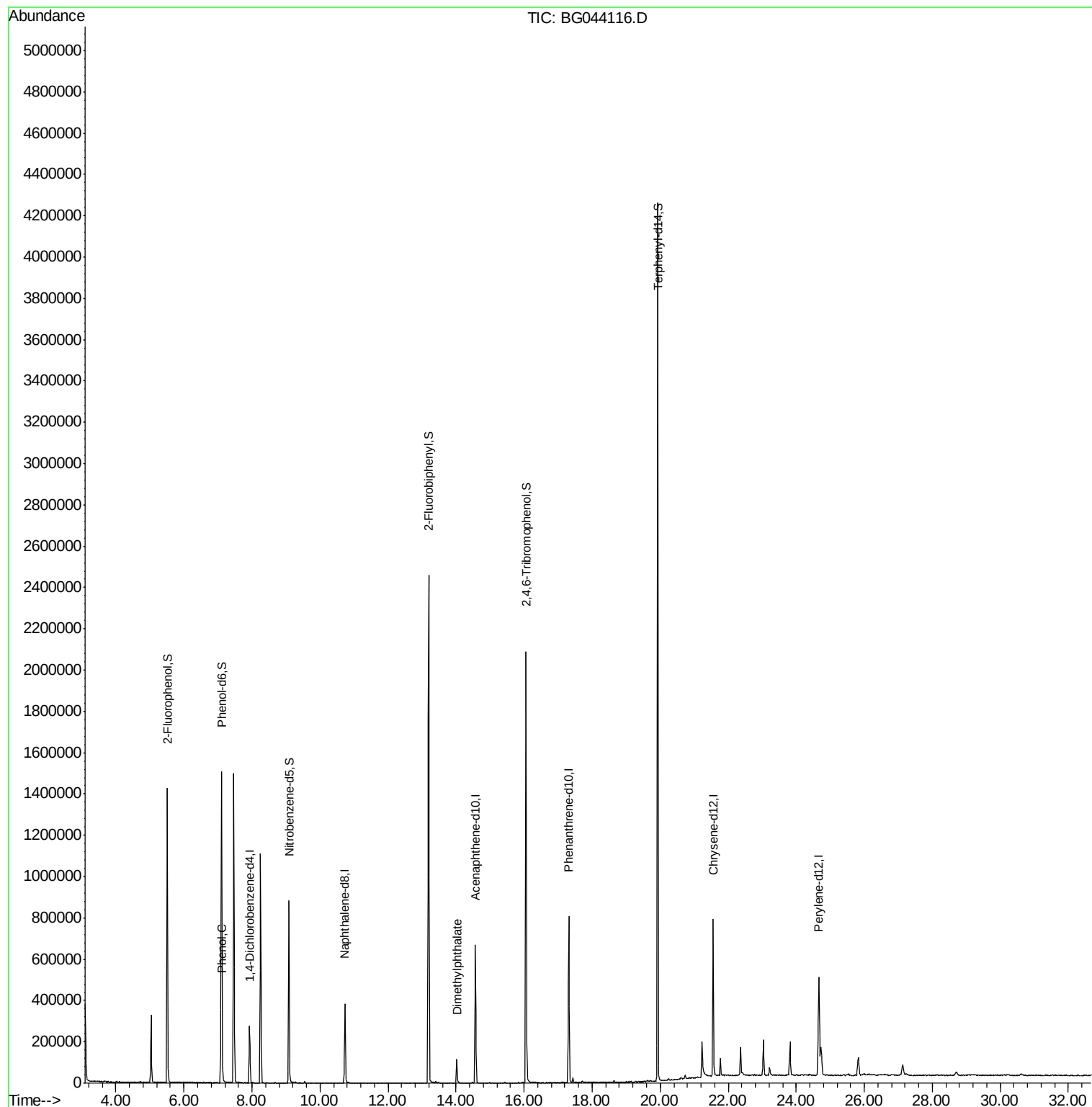
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	81225	20.00	ng	-0.04
21) Naphthalene-d8	10.73	136	357622	20.00	ng	-0.04
39) Acenaphthene-d10	14.57	164	249742	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	523455	20.00	ng	-0.02
76) Chrysene-d12	21.56	240	449674	20.00	ng	-0.03
87) Perylene-d12	24.67	264	496982	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	683836	154.58	ng	-0.03
7) Phenol-d6	7.11	99	976100	157.85	ng	-0.02
23) Nitrobenzene-d5	9.09	82	571242	85.45	ng	-0.04
42) 2,4,6-Tribromophenol	16.05	330	395378	151.28	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1350750	97.99	ng	-0.03
79) Terphenyl-d14	19.93	244	1927337	111.84	ng	-0.03
Target Compounds						
10) Phenol	7.13	94	34287	5.382	ng	91
50) Dimethylphthalate	14.02	163	94455	5.327	ng	96

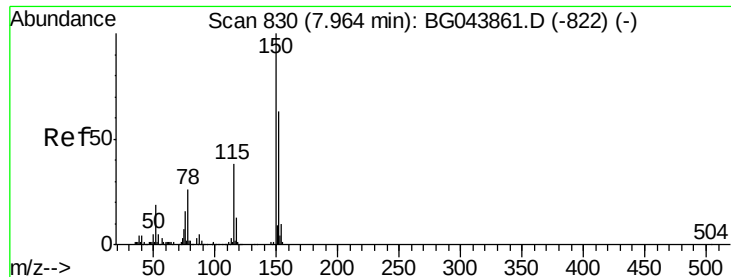
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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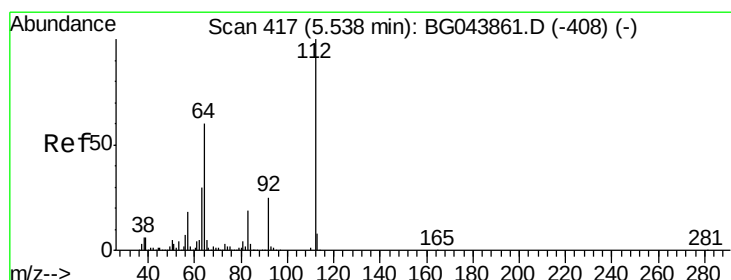
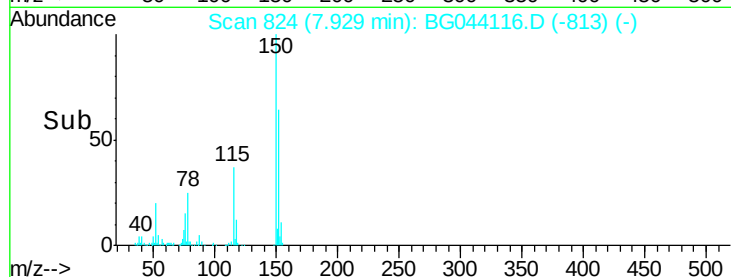
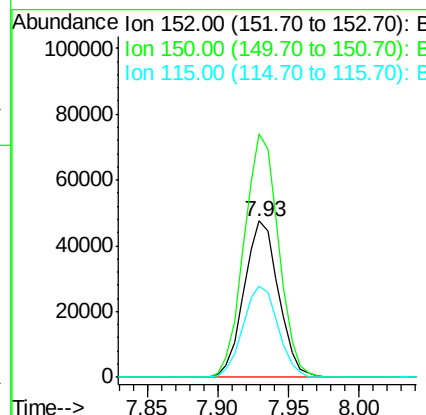
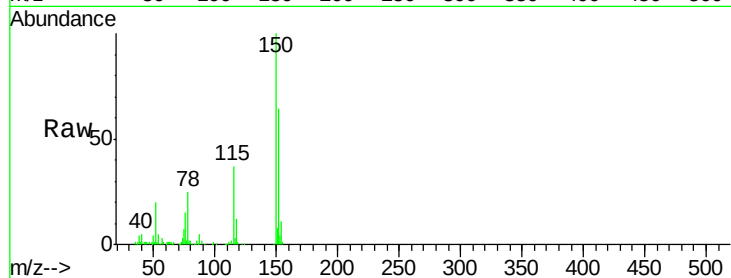


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.04 min
Lab File: BG044116.D
Acq: 21 Jan 2020 2:51

Instrument :
BNA_G
ClientSampleId :
EP-1

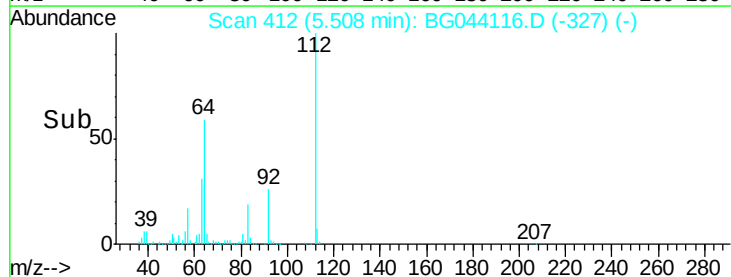
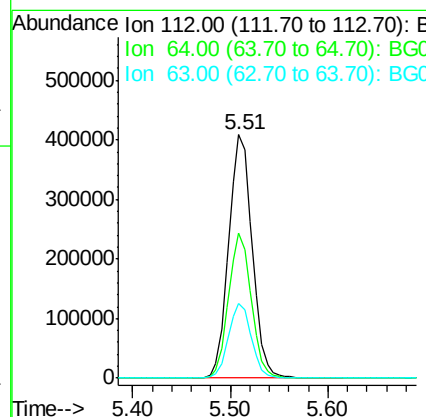
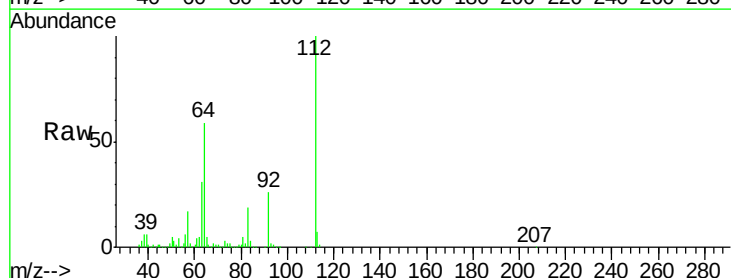
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	127.0	190.4
115	58.4	47.8	71.8

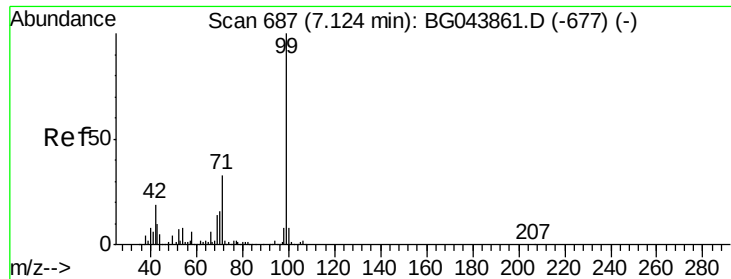


#5

2-Fluorophenol
Concen: 154.584 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044116.D
Acq: 21 Jan 2020 2:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.3	47.8	71.6
63	30.8	24.3	36.5





#7

Phenol-d6

Concen: 157.854 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.02 min

Lab File: BG044116.D

Acq: 21 Jan 2020 2:51

Instrument :

BNA_G

ClientSampleId :

EP-1

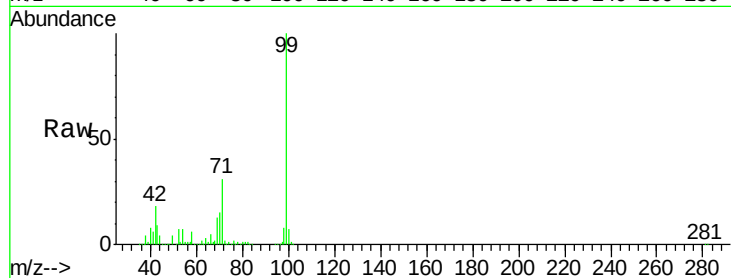
Tot Ion: 99 Resp: 976100

Ion Ratio Lower Upper

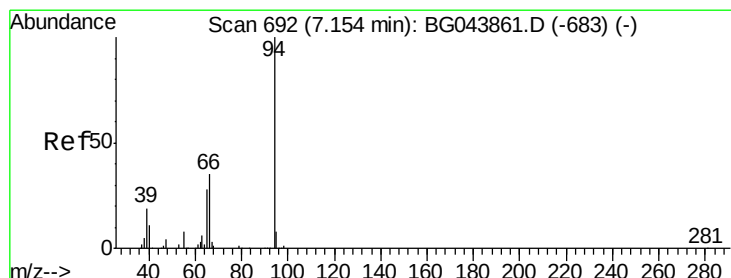
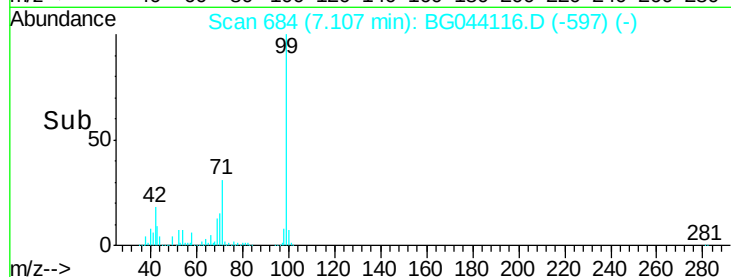
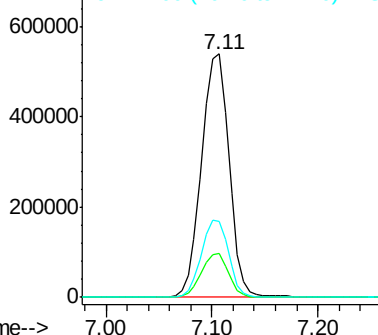
99 100

42 17.9 14.9 22.3

71 31.3 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: 5.382 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.02 min

Lab File: BG044116.D

Acq: 21 Jan 2020 2:51

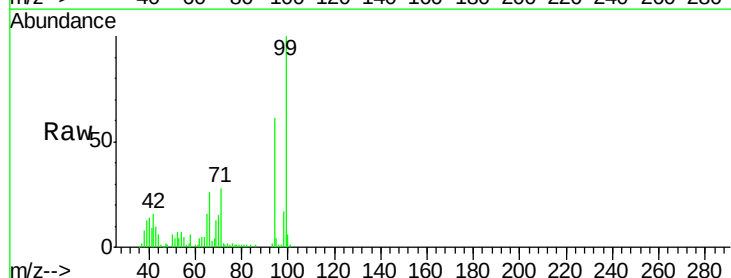
Tgt Ion: 94 Resp: 34287

Ion Ratio Lower Upper

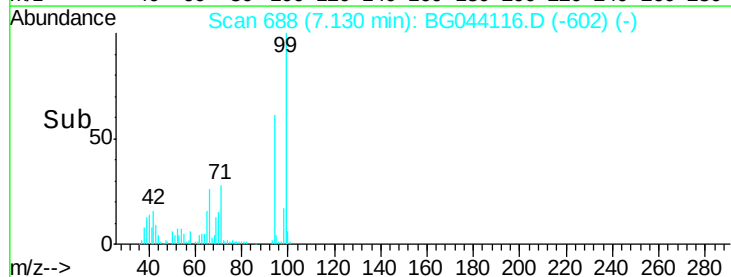
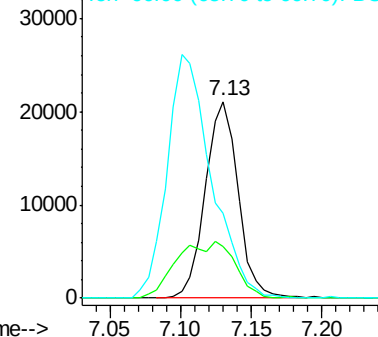
94 100

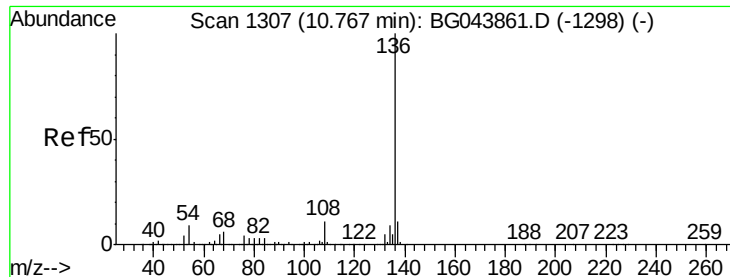
65 26.4 8.1 48.1

66 43.0 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

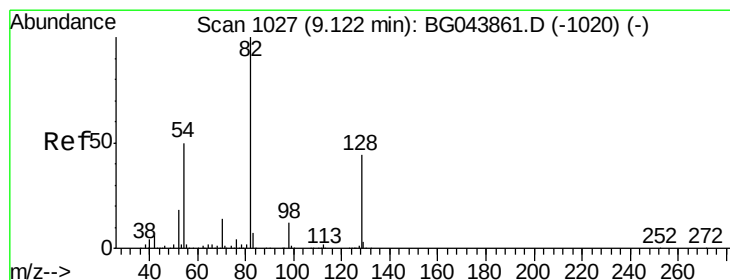
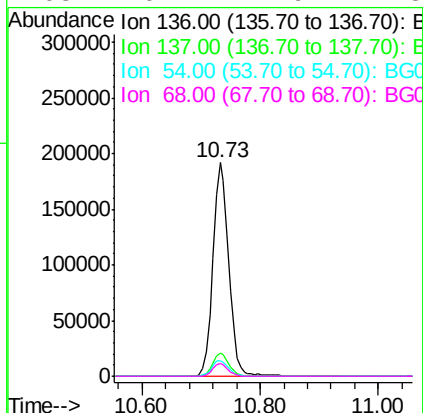
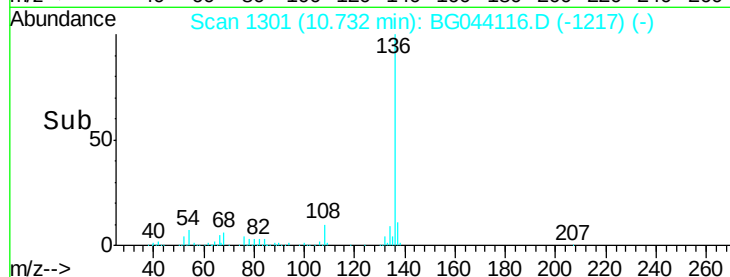
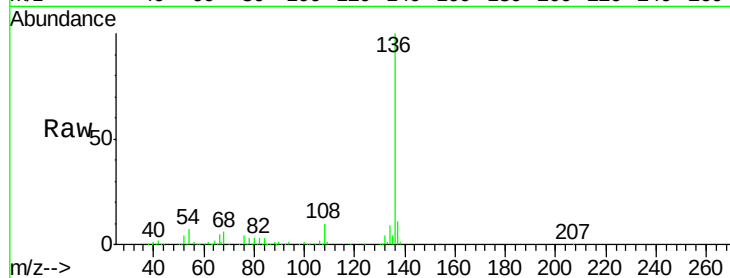




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.04 min
Lab File: BG044116.D
Acq: 21 Jan 2020 2:51

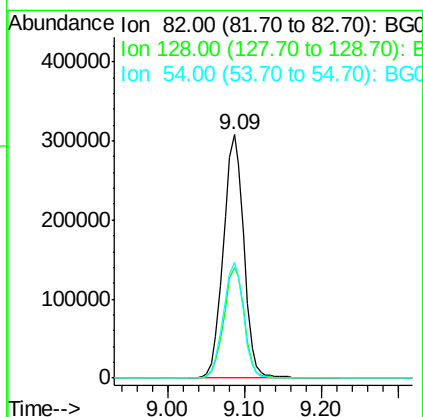
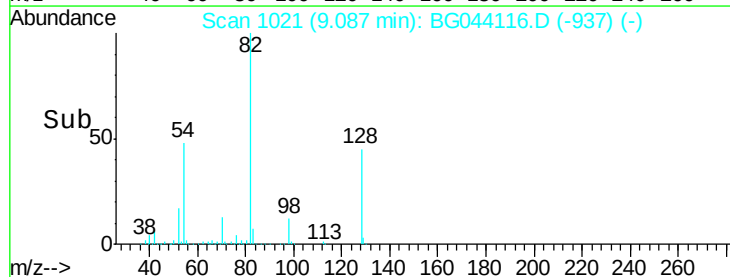
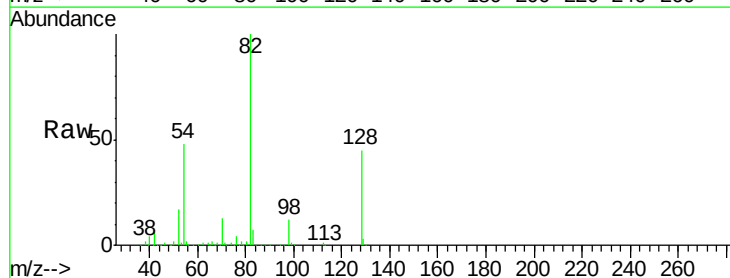
Instrument :
BNA_G
ClientSampleId :
EP-1

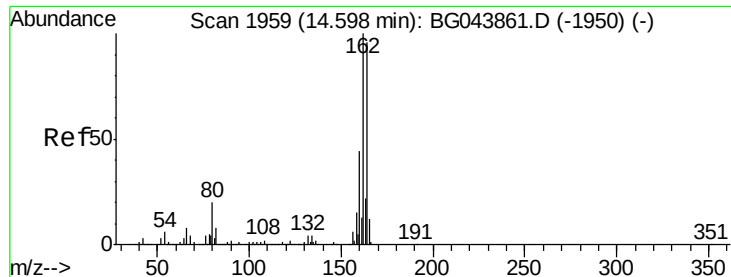
Tot Ion:136	Resp:	357622
Ion Ratio	Lower	Upper
136 100		
137 10.8	8.8	13.2
54 7.3	7.0	10.4
68 6.2	4.9	7.3



#23
Nitrobenzene-d5
Concen: 85.451 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.04 min
Lab File: BG044116.D
Acq: 21 Jan 2020 2:51

Tgt	Ion: 82	Resp:	571242
Ion	Ratio	Lower	Upper
82	100		
128	45.5	35.1	52.7
54	47.7	40.1	60.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1954

Delta R.T. -0.03 min

Lab File: BG044116.D

Acq: 21 Jan 2020 2:51

Instrument :

BNA_G

ClientSampleId :

EP-1

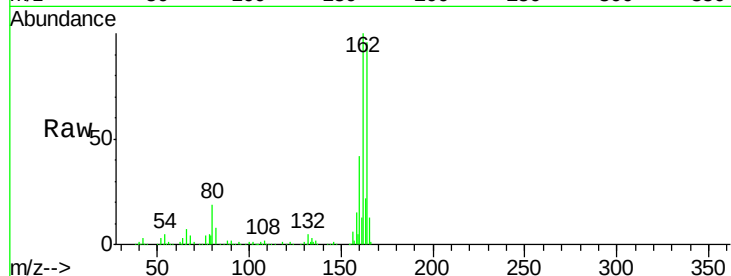
Tot Ion:164 Resp: 249742

Ion Ratio Lower Upper

164 100

162 104.4 83.0 124.4

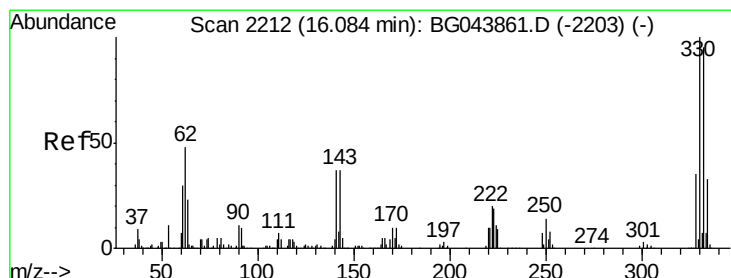
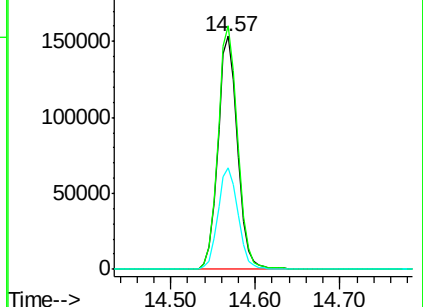
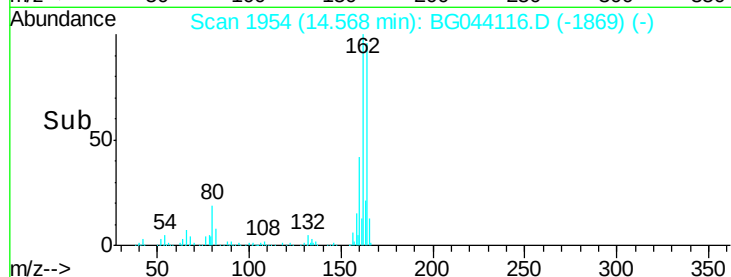
160 43.7 36.1 54.1



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: 151.283 ng

RT: 16.05 min Scan# 2207

Delta R.T. -0.03 min

Lab File: BG044116.D

Acq: 21 Jan 2020 2:51

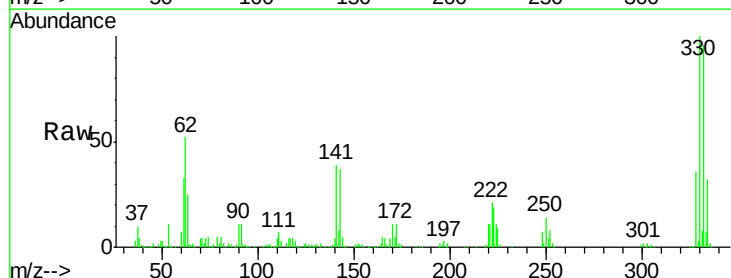
Tgt Ion:330 Resp: 395378

Ion Ratio Lower Upper

330 100

332 96.3 77.2 115.8

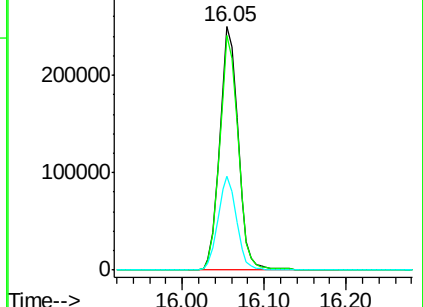
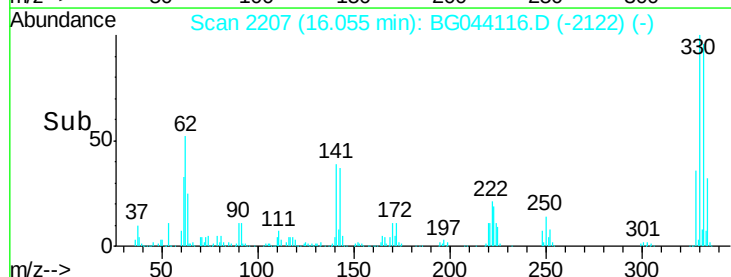
141 38.5 33.1 49.7

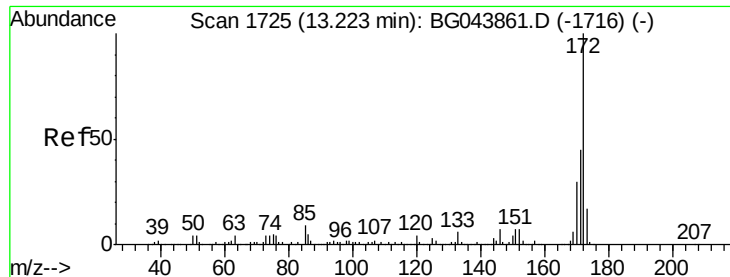


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

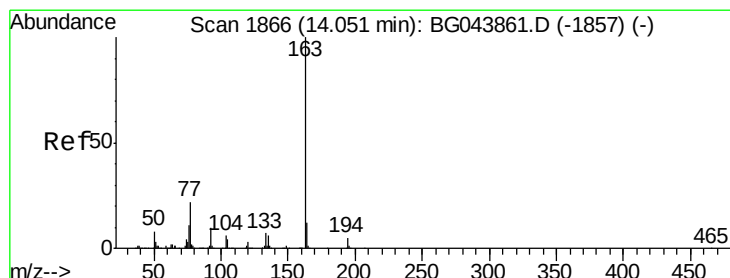
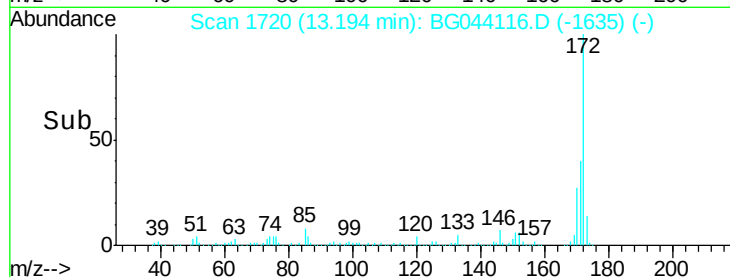
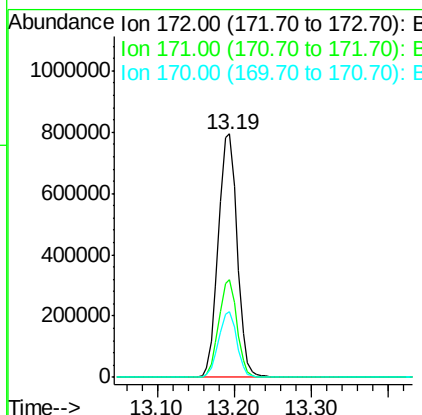
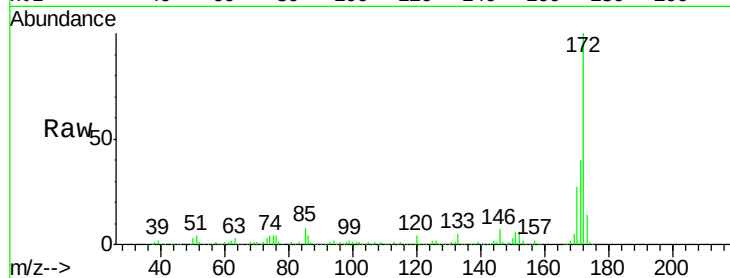




#45
2-Fluorobiphenyl
Concen: 97.991 ng
RT: 13.19 min Scan# 1720
Delta R.T. -0.03 min
Lab File: BG044116.D
Acq: 21 Jan 2020 2:51

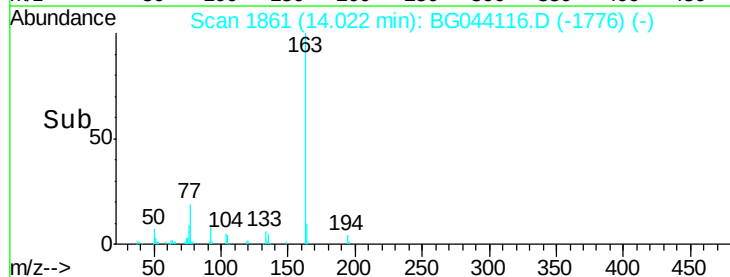
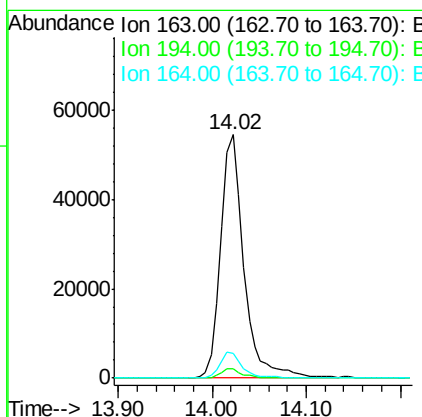
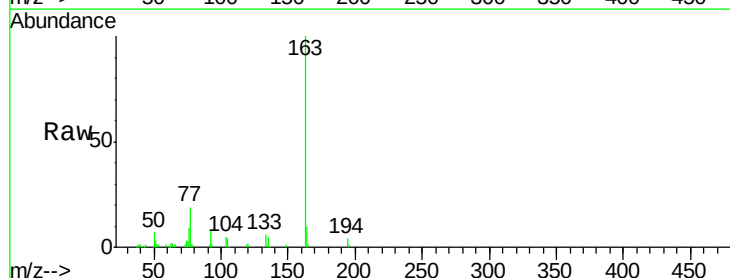
Instrument :
BNA_G
ClientSampleId :
EP-1

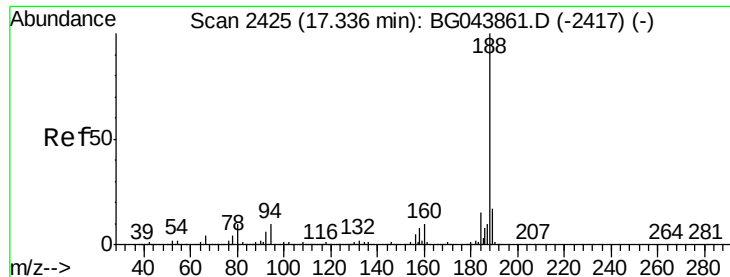
Tot Ion:172 Resp: 1350750
Ion Ratio Lower Upper
172 100
171 40.3 35.8 53.8
170 27.2 24.2 36.4



#50
Dimethylphthalate
Concen: 5.327 ng
RT: 14.02 min Scan# 1861
Delta R.T. -0.03 min
Lab File: BG044116.D
Acq: 21 Jan 2020 2:51

Tgt Ion:163 Resp: 94455
Ion Ratio Lower Upper
163 100
194 3.9 3.7 5.5
164 9.9 9.3 13.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.31 min Scan# 2421

Delta R.T. -0.02 min

Lab File: BG044116.D

Acq: 21 Jan 2020 2:51

Instrument :

BNA_G

ClientSampleId :

EP-1

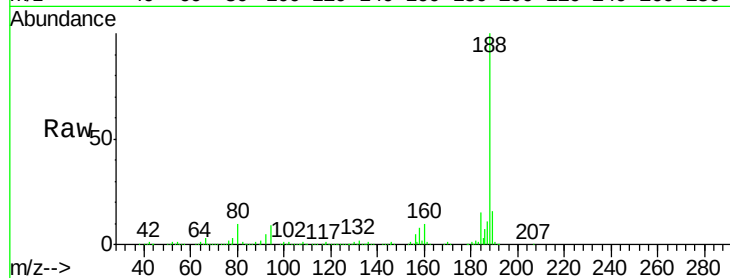
Tot Ion:188 Resp: 523455

Ion Ratio Lower Upper

188 100

94 8.9 7.9 11.9

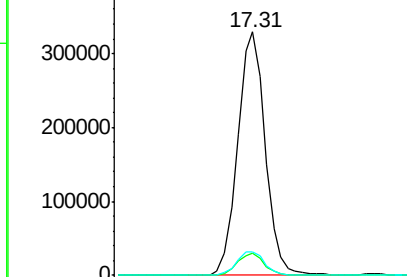
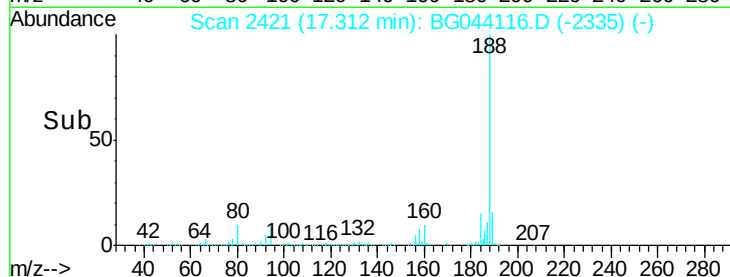
80 9.6 8.2 12.4



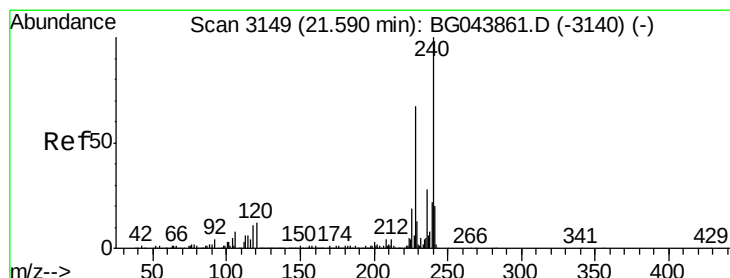
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



Time--> 17.20 17.30 17.40



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.03 min

Lab File: BG044116.D

Acq: 21 Jan 2020 2:51

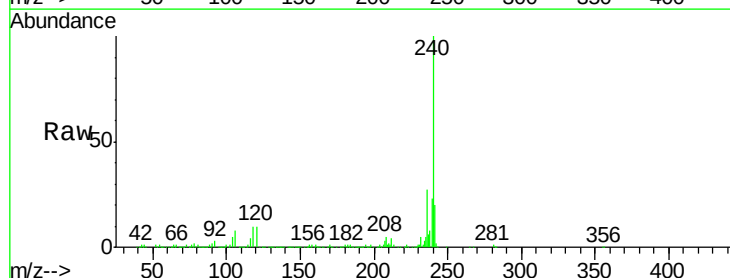
Tgt Ion:240 Resp: 449674

Ion Ratio Lower Upper

240 100

120 10.3 9.6 14.4

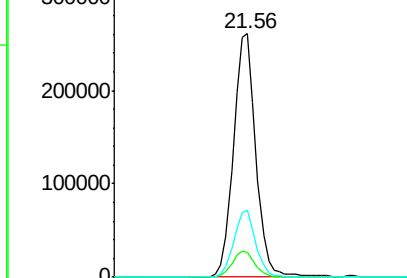
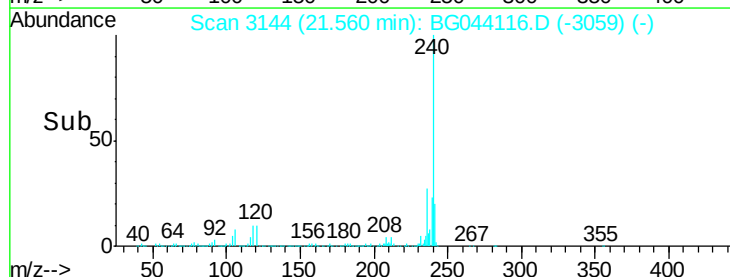
236 27.3 22.2 33.2



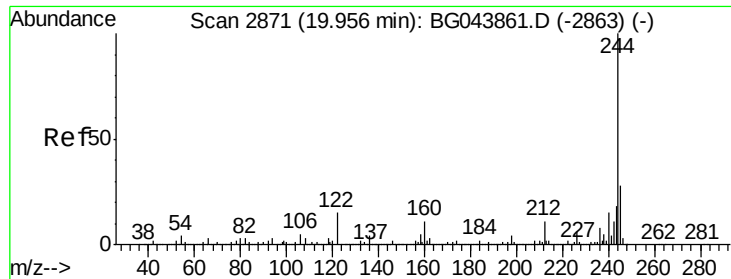
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.50 21.60 21.70



#79

Terphenyl-d14

Concen: 111.838 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.03 min

Lab File: BG044116.D

Acq: 21 Jan 2020 2:51

Instrument :

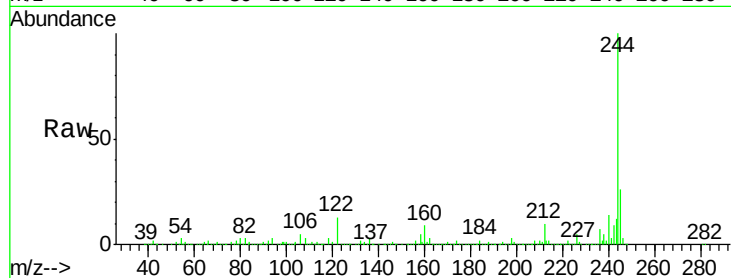
BNA_G

ClientSampleId :

EP-1

Tot Ion:244 Resp: 1927337

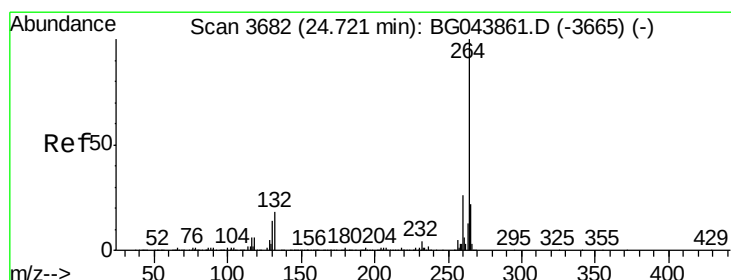
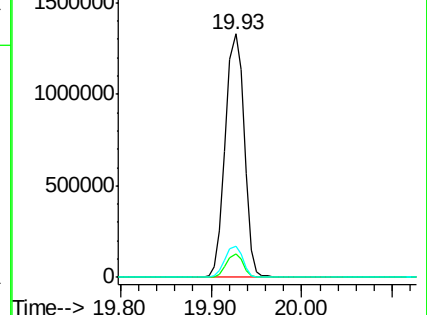
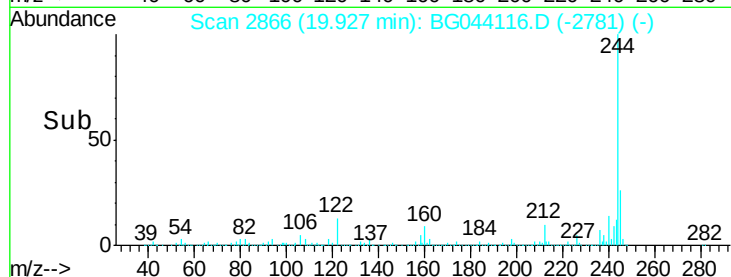
Ion	Ratio	Lower	Upper
244	100		
212	9.6	8.6	13.0
122	12.9	11.9	17.9



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: 24.67 min Scan# 3673

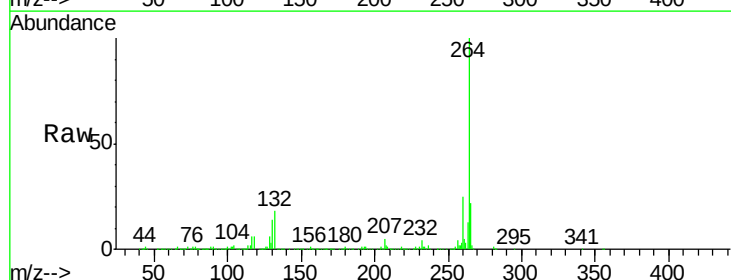
Delta R.T. -0.05 min

Lab File: BG044116.D

Acq: 21 Jan 2020 2:51

Tgt Ion:264 Resp: 496982

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.4	30.6
265	22.4	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

