

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012720\
 Data File : BG044213.D
 Acq On : 27 Jan 2020 13:24
 Operator : CG/JU
 Sample : L1173-05
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0049-DECANT-H2O-COMP-1

Quant Time: Jan 28 00:55:54 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

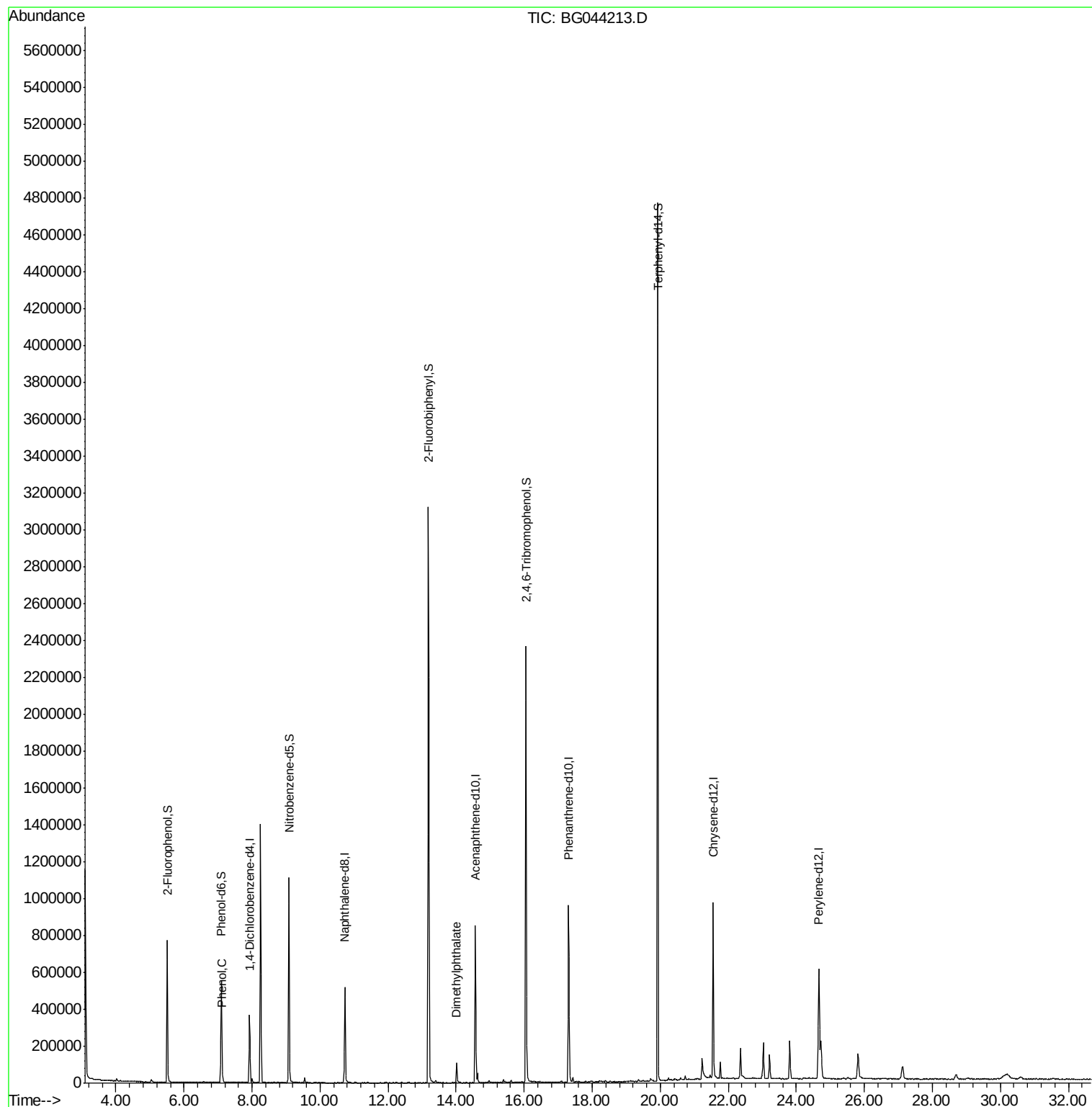
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	109556	20.00	ng	-0.04
21) Naphthalene-d8	10.73	136	481851	20.00	ng	-0.04
39) Acenaphthene-d10	14.57	164	325038	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	635965	20.00	ng	-0.02
76) Chrysene-d12	21.56	240	570124	20.00	ng	-0.03
87) Perylene-d12	24.67	264	632052	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	384633	64.46	ng	-0.03
7) Phenol-d6	7.09	99	379216	45.47	ng	-0.03
23) Nitrobenzene-d5	9.09	82	720761	80.02	ng	-0.04
42) 2,4,6-Tribromophenol	16.05	330	476492	140.08	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1722877	96.03	ng	-0.04
79) Terphenyl-d14	19.93	244	2157427	93.68	ng	-0.03
Target Compounds						
10) Phenol	7.12	94	23125	2.691	ng	93
50) Dimethylphthalate	14.02	163	90772	3.933	ng	98

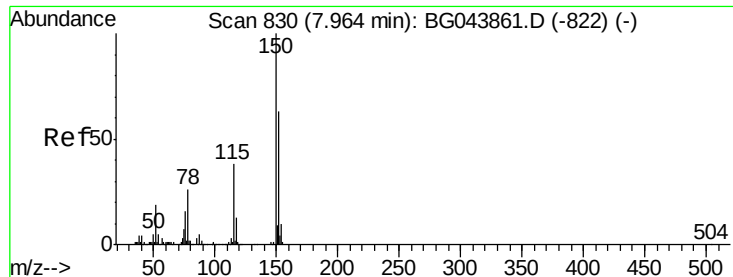
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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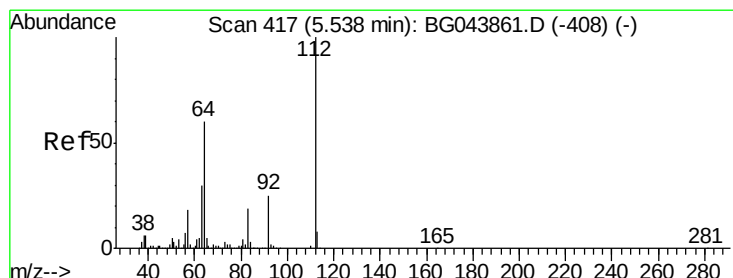
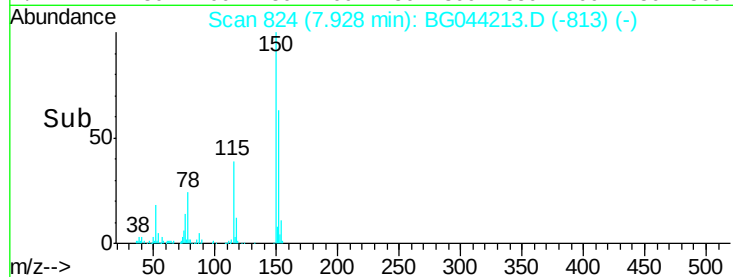
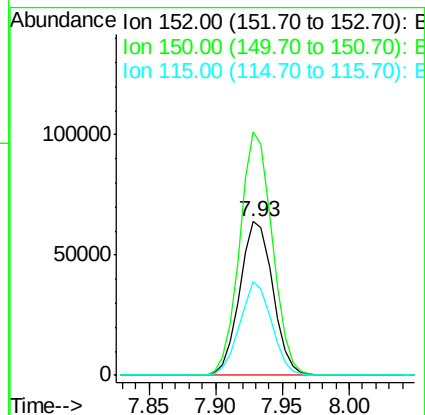
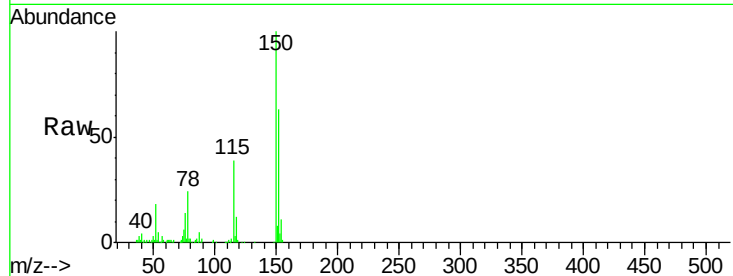


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.04 min
Lab File: BG044213.D
Acq: 27 Jan 2020 13:24

Instrument :
BNA_G
ClientSampleId :
0049-DECANT-H2O-COMP-1

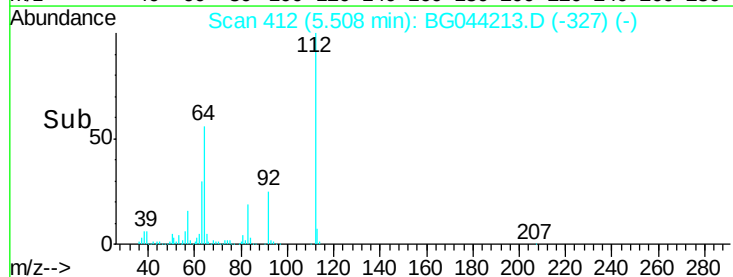
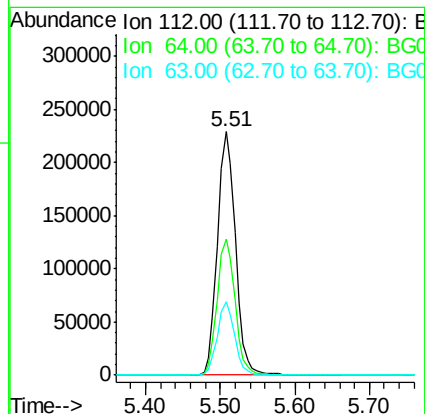
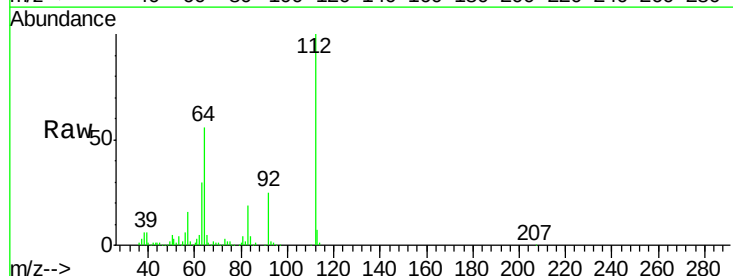
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	127.0	190.4
115	61.2	47.8	71.8

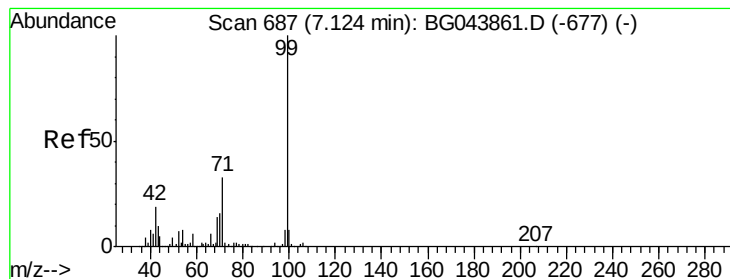


#5

2-Fluorophenol
Concen: 64.463 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044213.D
Acq: 27 Jan 2020 13:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.9	47.8	71.6
63	30.1	24.3	36.5





#7

Phenol-d6

Concen: 45.467 ng

RT: 7.09 min Scan# 682

Delta R.T. -0.03 min

Lab File: BG044213.D

Acq: 27 Jan 2020 13:24

Instrument :

BNA_G

ClientSampleId :

0049-DECANT-H2O-COMP-1

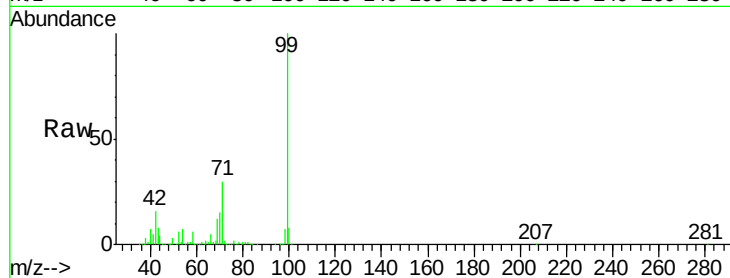
Tot Ion: 99 Resp: 379216

Ion Ratio Lower Upper

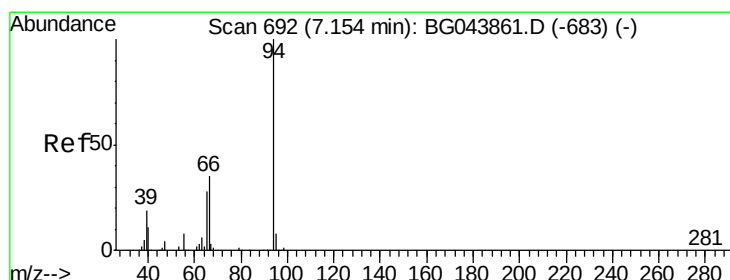
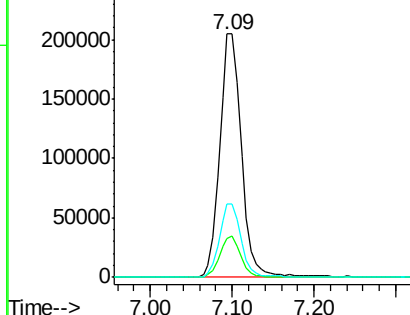
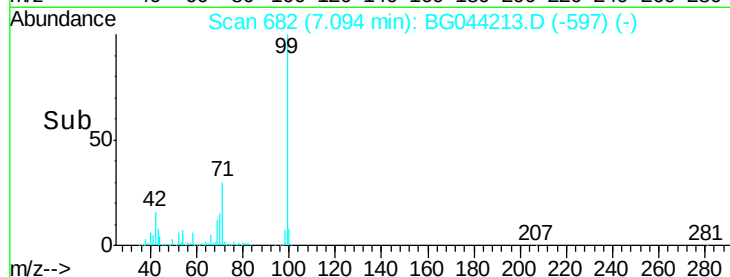
99 100

42 16.1 14.9 22.3

71 30.1 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: 2.691 ng

RT: 7.12 min Scan# 687

Delta R.T. -0.03 min

Lab File: BG044213.D

Acq: 27 Jan 2020 13:24

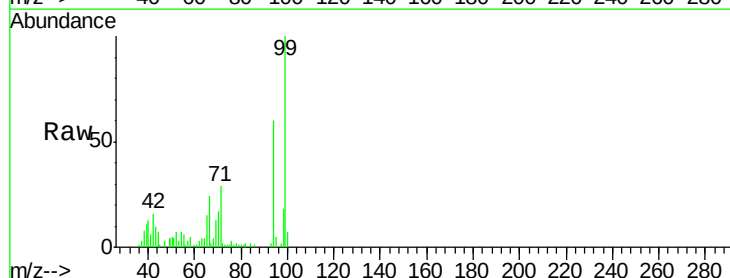
Tgt Ion: 94 Resp: 23125

Ion Ratio Lower Upper

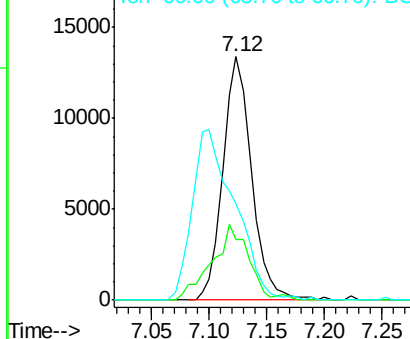
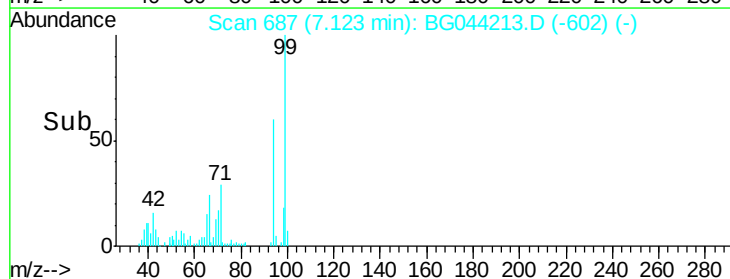
94 100

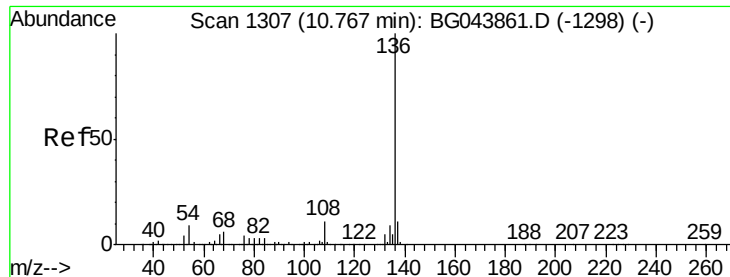
65 24.7 8.1 48.1

66 39.6 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

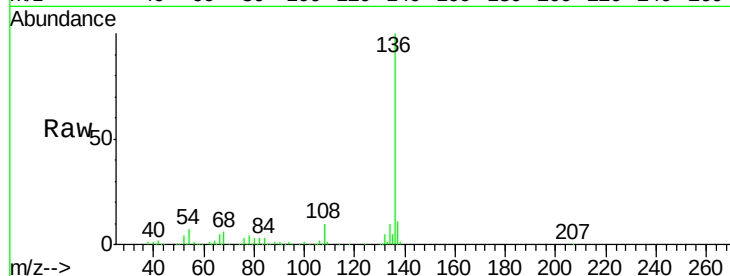




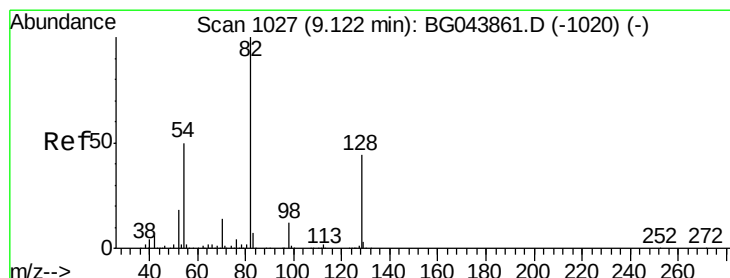
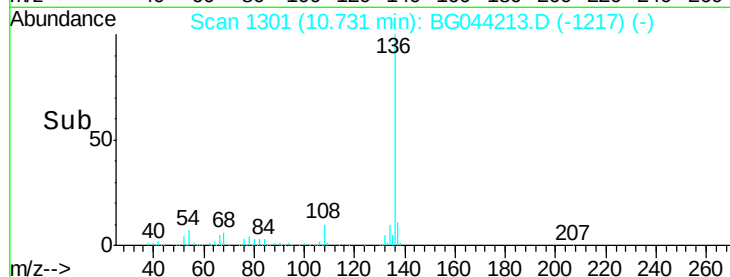
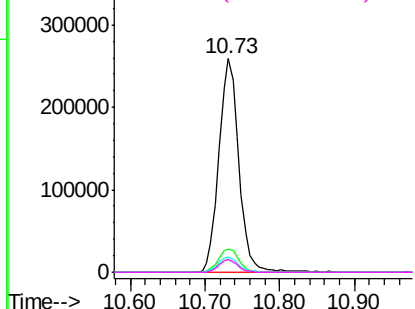
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.04 min
Lab File: BG044213.D
Acq: 27 Jan 2020 13:24

Instrument :
BNA_G
ClientSampleId :
0049-DECANT-H2O-COMP-1

Tot Ion:136	Resp:	481851
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.8 13.2
54	7.2	7.0 10.4
68	6.0	4.9 7.3

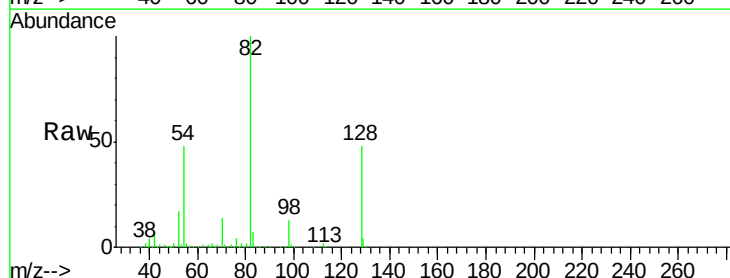


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

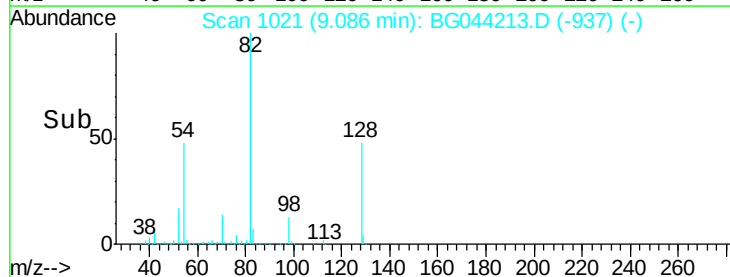
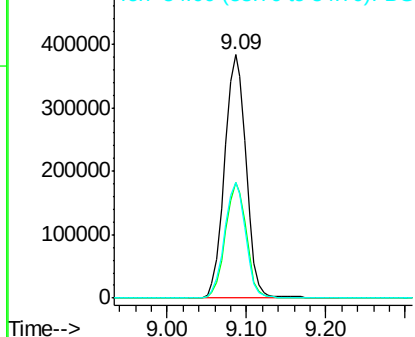


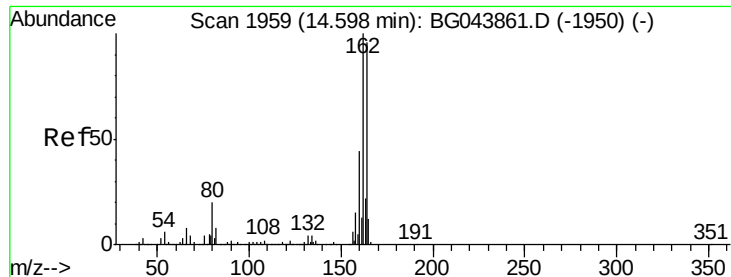
#23
Nitrobenzene-d5
Concen: 80.020 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.04 min
Lab File: BG044213.D
Acq: 27 Jan 2020 13:24

Tgt Ion: 82	Resp:	720761
Ion	Ratio	Lower Upper
82	100	
128	47.6	35.1 52.7
54	47.7	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: 14.57 min Scan# 1954

Delta R.T. -0.03 min

Lab File: BG044213.D

Acq: 27 Jan 2020 13:24

Instrument :

BNA_G

ClientSampleId :

0049-DECANT-H2O-COMP-1

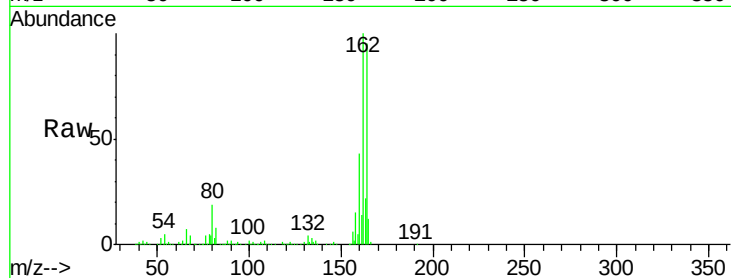
Tot Ion:164 Resp: 325038

Ion Ratio Lower Upper

164 100

162 105.3 83.0 124.4

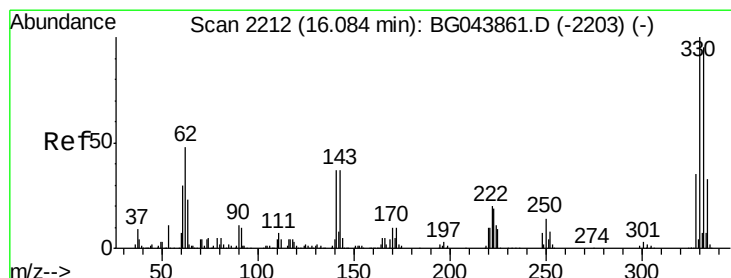
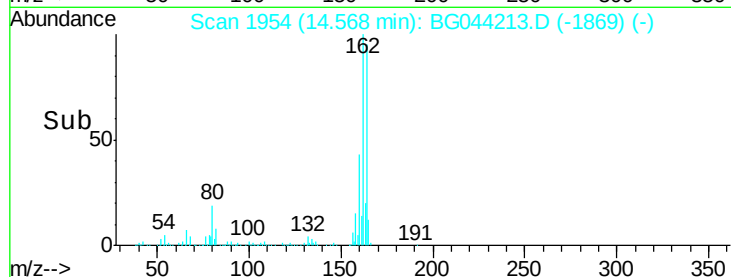
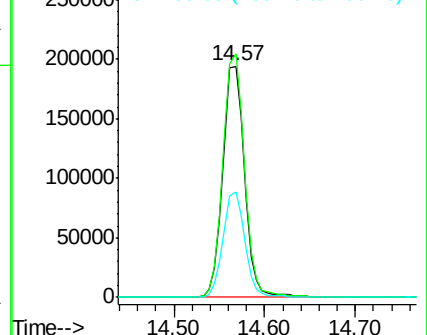
160 45.8 36.1 54.1



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: 140.085 ng

RT: 16.05 min Scan# 2207

Delta R.T. -0.03 min

Lab File: BG044213.D

Acq: 27 Jan 2020 13:24

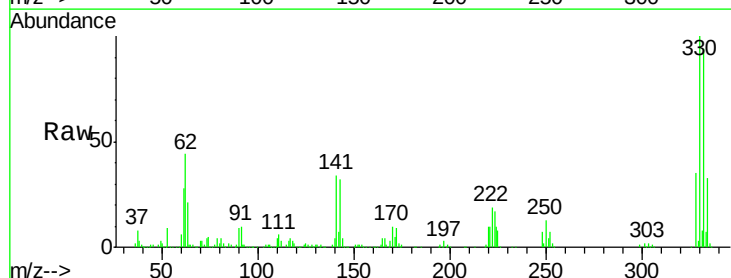
Tgt Ion:330 Resp: 476492

Ion Ratio Lower Upper

330 100

332 96.0 77.2 115.8

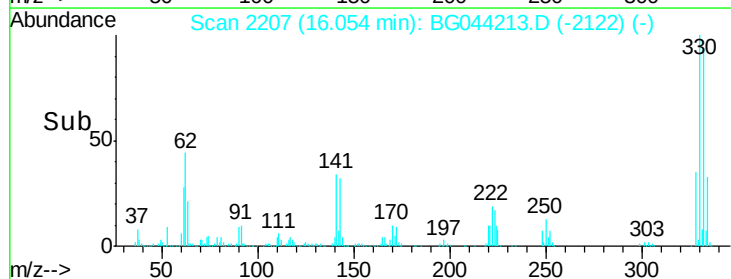
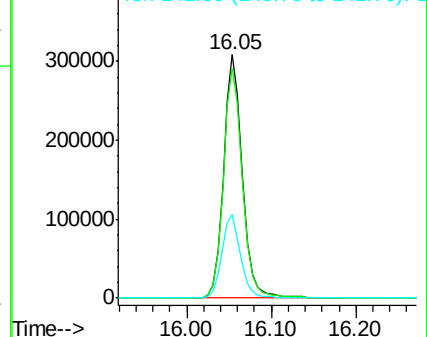
141 34.8 33.1 49.7

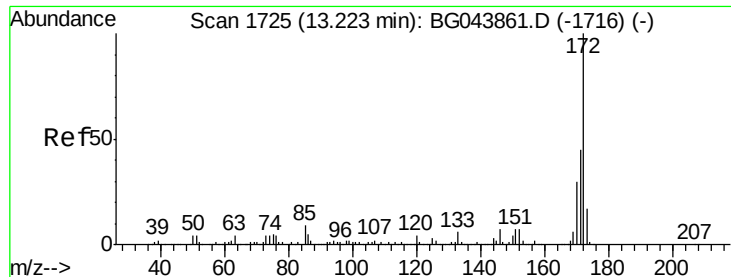


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

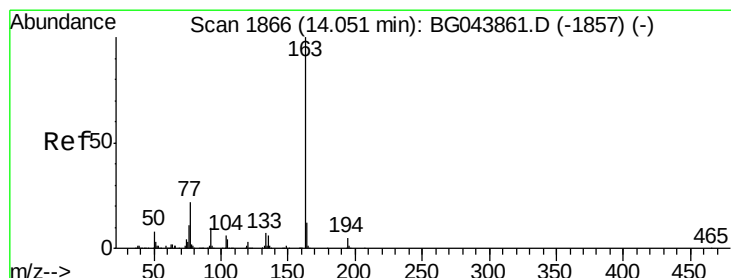
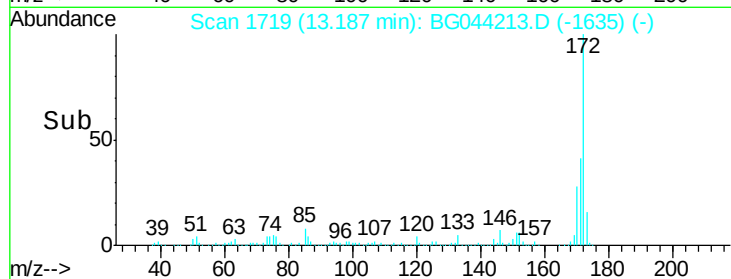
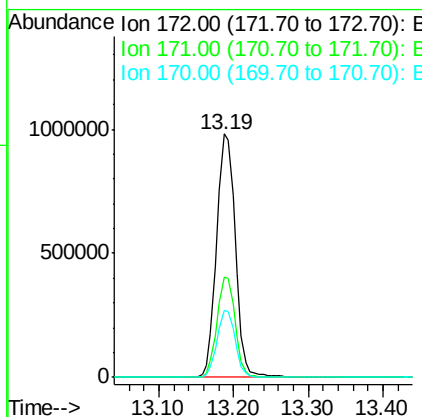
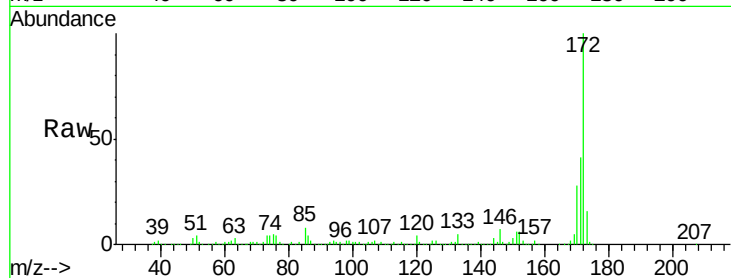




#45
2-Fluorobiphenyl
Concen: 96.034 ng
RT: 13.19 min Scan# 1719
Delta R.T. -0.04 min
Lab File: BG044213.D
Acq: 27 Jan 2020 13:24

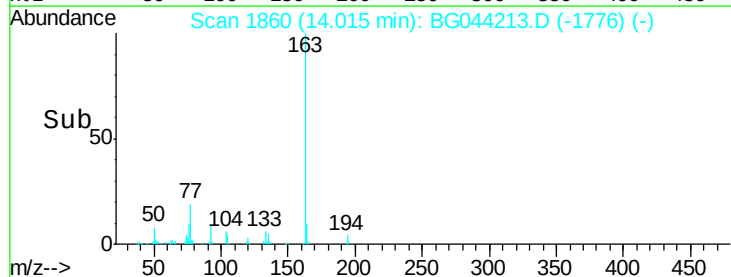
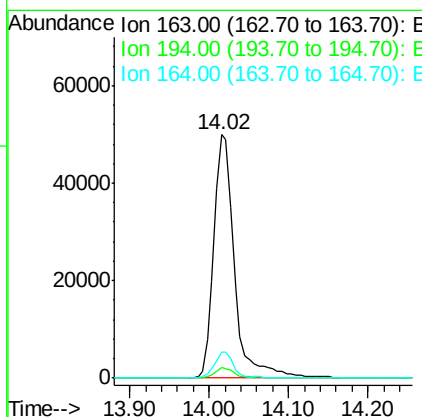
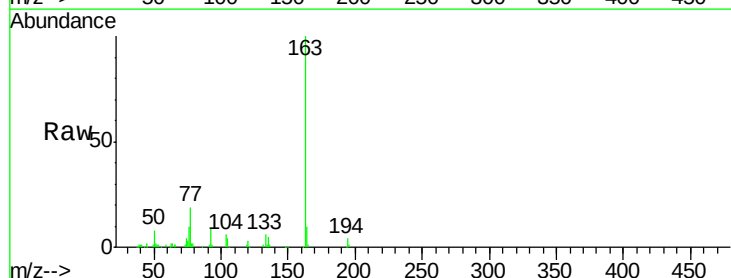
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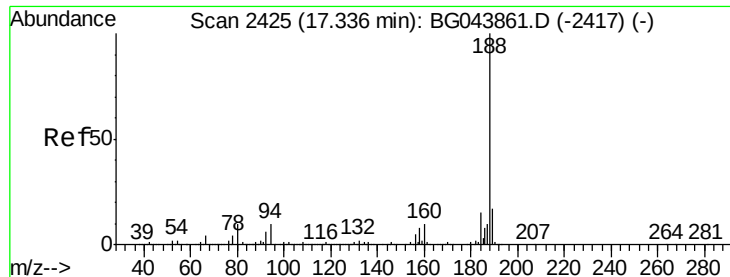
Tot Ion:172 Resp: 1722877
Ion Ratio Lower Upper
172 100
171 41.0 35.8 53.8
170 27.6 24.2 36.4



#50
Dimethylphthalate
Concen: 3.933 ng
RT: 14.02 min Scan# 1860
Delta R.T. -0.04 min
Lab File: BG044213.D
Acq: 27 Jan 2020 13:24

Tgt Ion:163 Resp: 90772
Ion Ratio Lower Upper
163 100
194 4.2 3.7 5.5
164 10.5 9.3 13.9

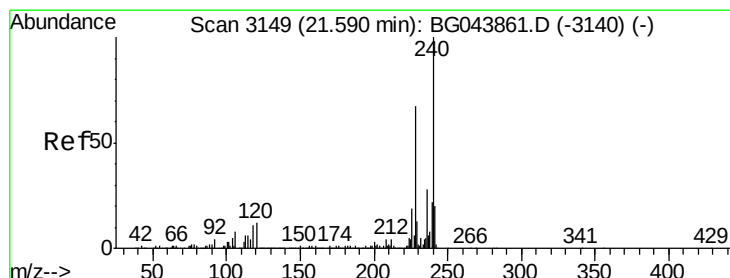
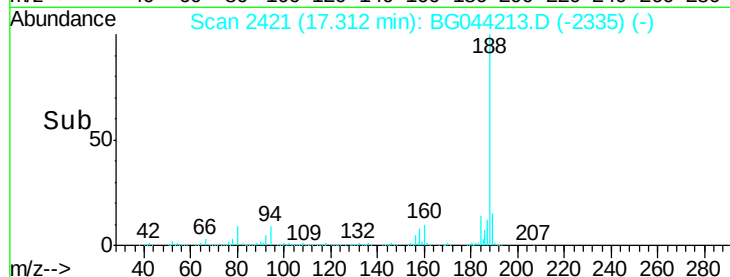
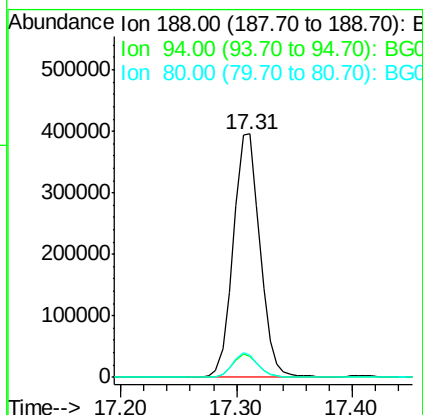
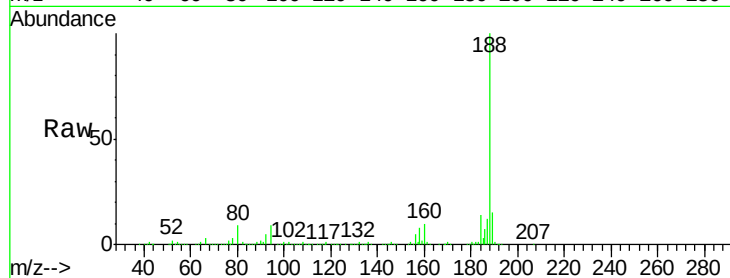




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2421
Delta R.T. -0.02 min
Lab File: BG044213.D
Acq: 27 Jan 2020 13:24

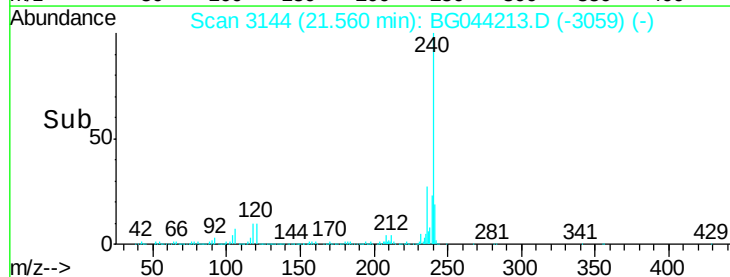
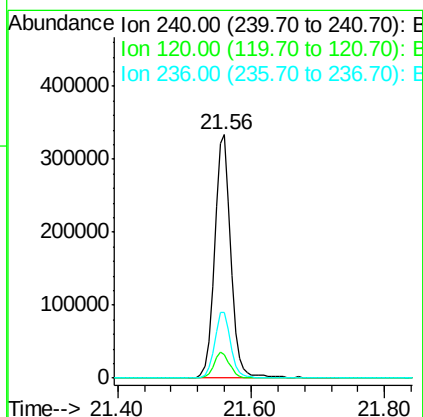
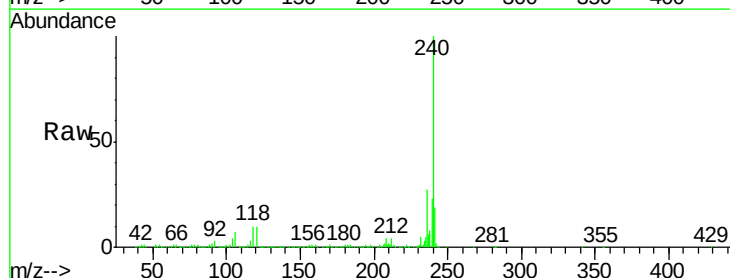
Instrument :
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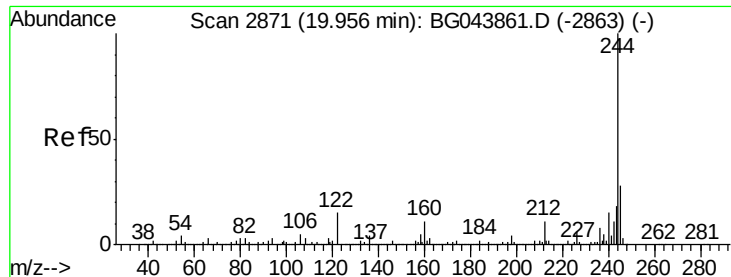
Tot Ion:188 Resp: 635965
Ion Ratio Lower Upper
188 100
94 8.8 7.9 11.9
80 9.4 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.03 min
Lab File: BG044213.D
Acq: 27 Jan 2020 13:24

Tgt Ion:240 Resp: 570124
Ion Ratio Lower Upper
240 100
120 9.6 9.6 14.4
236 26.9 22.2 33.2





#79

Terphenyl-d14

Concen: 93.681 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.03 min

Lab File: BG044213.D

Acq: 27 Jan 2020 13:24

Instrument :

BNA_G

ClientSampleId :

0049-DECANT-H2O-COMP-1

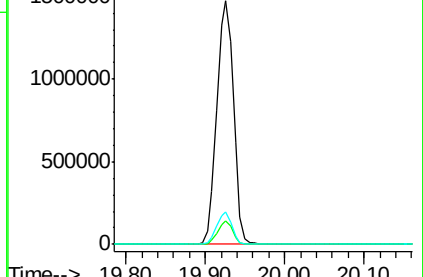
Tot Ion:244 Resp: 2157427

Ion	Ratio	Lower	Upper
244	100		
212	9.9	8.6	13.0
122	13.1	11.9	17.9

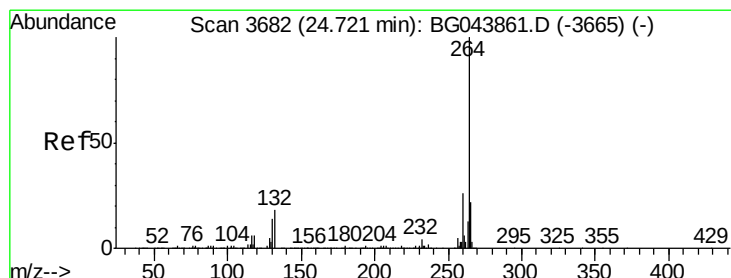
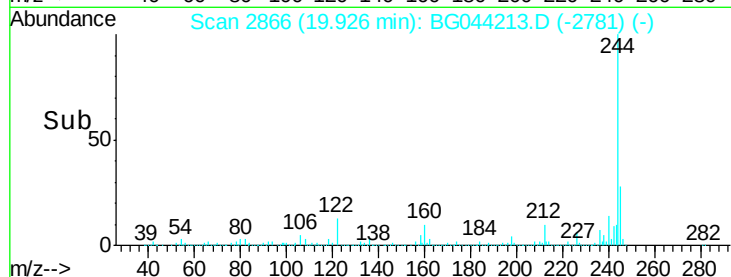
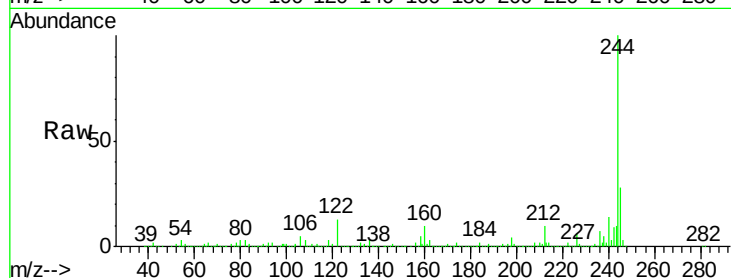
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.67 min Scan# 3673

Delta R.T. -0.05 min

Lab File: BG044213.D

Acq: 27 Jan 2020 13:24

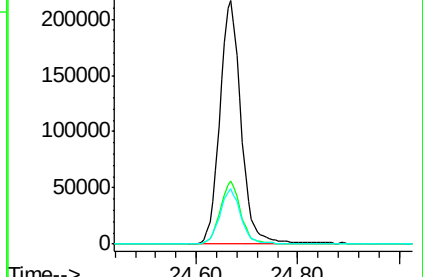
Tgt Ion:264 Resp: 632052

Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.4	30.6
265	22.6	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



Time-->

