

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012720\
 Data File : BM024631.D
 Acq On : 27 Jan 2020 17:04
 Operator : CG/JU
 Sample : L1264-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CTY-GW-01-12

Quant Time: Jan 28 05:58:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 23 14:57:07 2020
 Response via : Initial Calibration

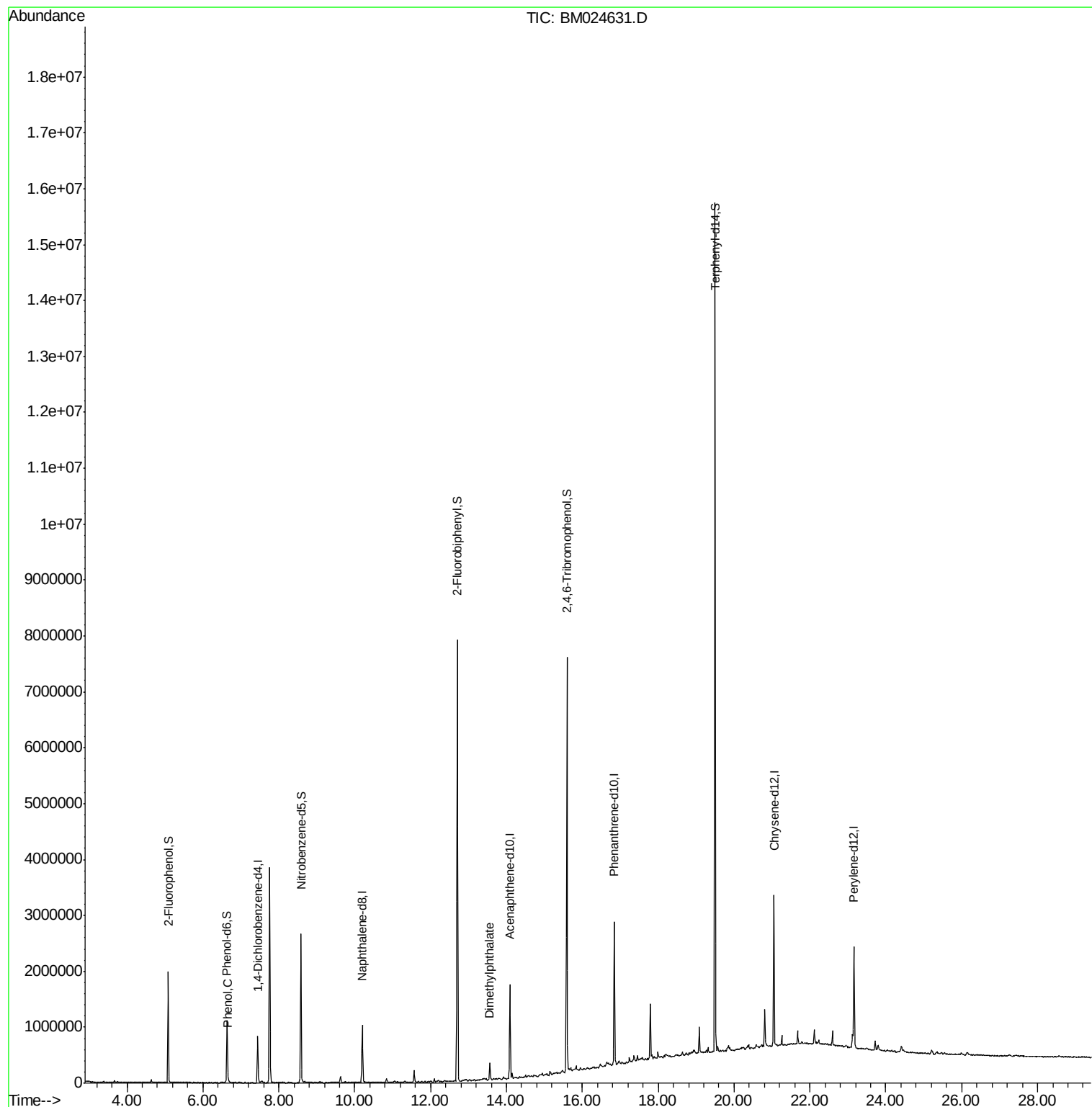
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	229208	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	826083	20.00	ng	0.00
39) Acenaphthene-d10	14.09	164	600035	20.00	ng	0.00
64) Phenanthrene-d10	16.84	188	1480665	20.00	ng	0.00
76) Chrysene-d12	21.05	240	1266022	20.00	ng	0.00
87) Perylene-d12	23.16	264	1327912	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	800325	66.40	ng	0.00
7) Phenol-d6	6.63	99	587967	35.41	ng	-0.01
23) Nitrobenzene-d5	8.58	82	1498023	88.93	ng	0.00
42) 2,4,6-Tribromophenol	15.59	330	1567337	160.58	ng	0.00
45) 2-Fluorobiphenyl	12.70	172	4204633	95.26	ng	0.00
79) Terphenyl-d14	19.50	244	7900233	116.50	ng	0.00
Target Compounds						
10) Phenol	6.66	94	34222	2.068	ng	94
50) Dimethylphthalate	13.56	163	202064	4.165	ng	99

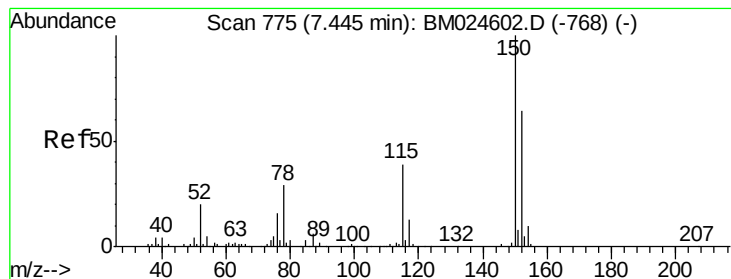
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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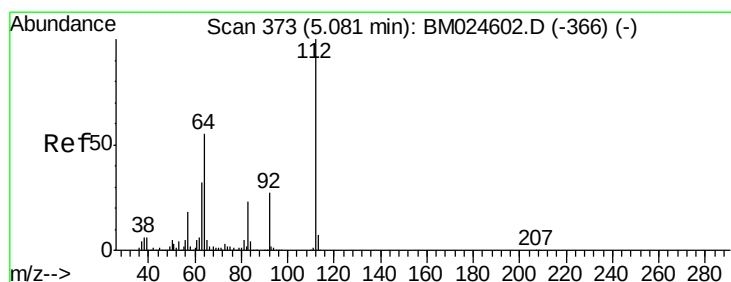
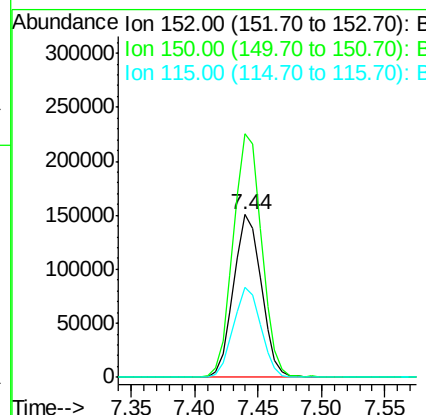
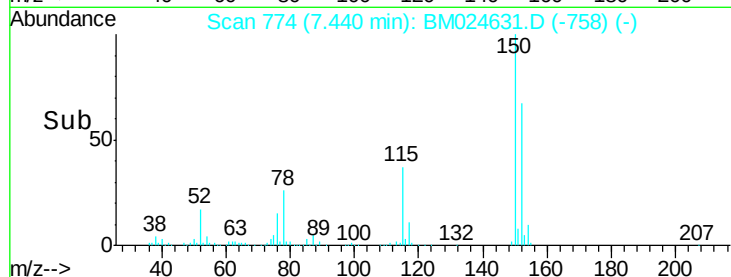
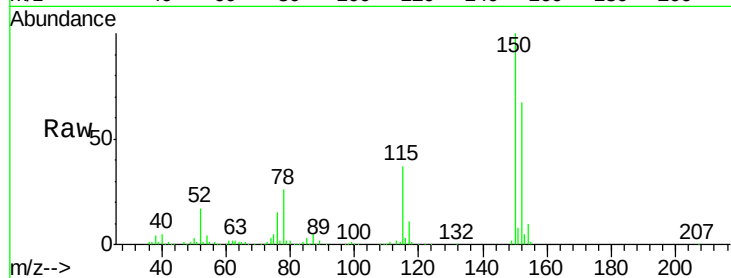


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.44 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM024631.D
Acq: 27 Jan 2020 17:04

Instrument :
BNA_M
ClientSampleId :
CTY-GW-01-12

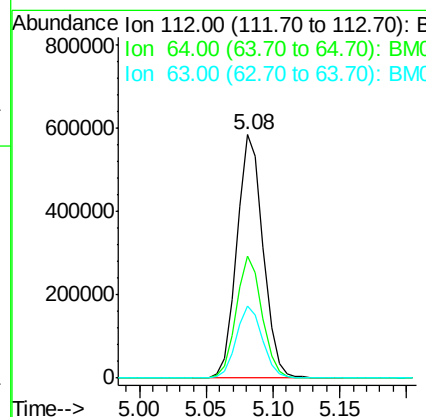
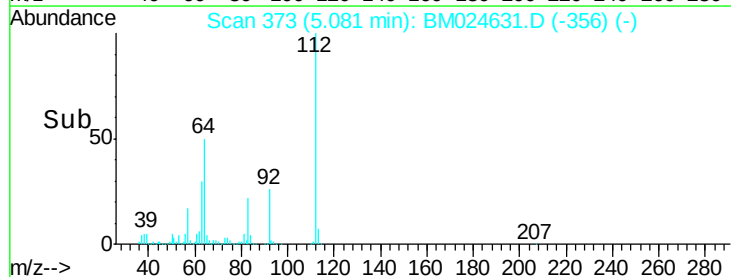
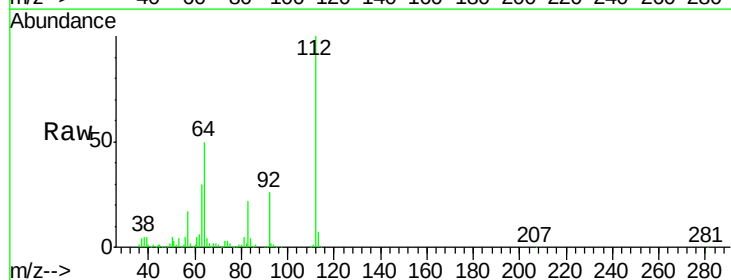
Tot Ion	Ratio	Lower	Upper
152	100		
150	149.4	124.2	186.4
115	55.2	48.6	72.8

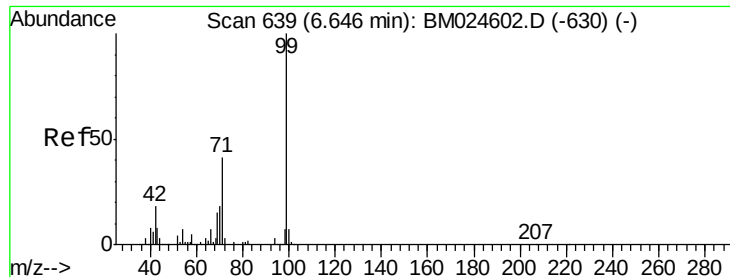


#5

2-Fluorophenol
Concen: 66.404 ng
RT: 5.08 min Scan# 373
Delta R.T. 0.00 min
Lab File: BM024631.D
Acq: 27 Jan 2020 17:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.3	44.2	66.4
63	29.6	25.9	38.9





#7

Phenol-d6

Concen: 35.413 ng

RT: 6.63 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM024631.D

Acq: 27 Jan 2020 17:04

Instrument :

BNA_M

ClientSampleId :

CTY-GW-01-12

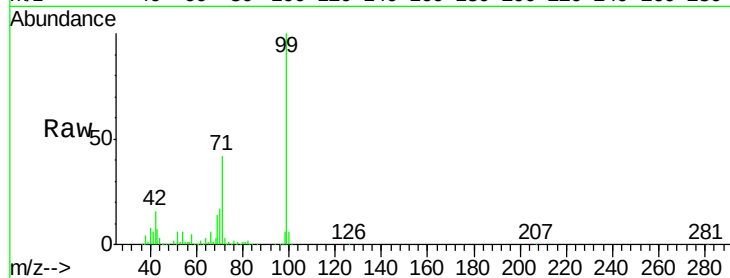
Tot Ion: 99 Resp: 587967

Ion Ratio Lower Upper

99 100

42 16.3 14.1 21.1

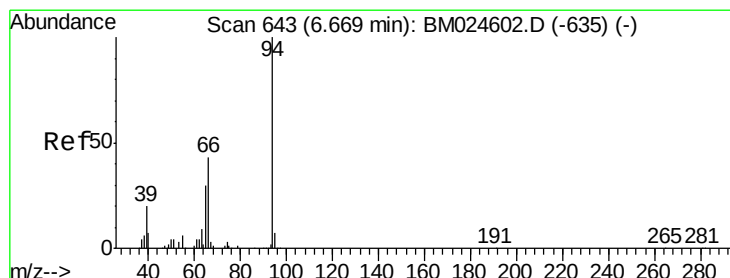
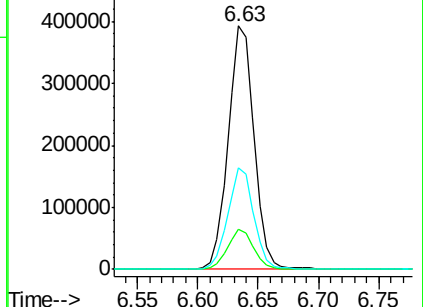
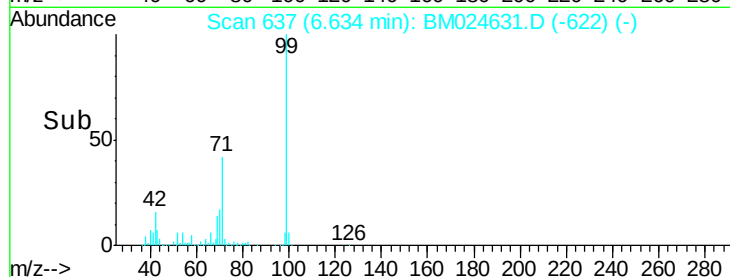
71 41.8 33.0 49.6



Abundance Ion 99.00 (98.70 to 99.70): BM024631.D (-622) (-)

Ion 42.00 (41.70 to 42.70): BM024631.D (-622) (-)

Ion 71.00 (70.70 to 71.70): BM024631.D (-622) (-)



#10

Phenol

Concen: 2.068 ng

RT: 6.66 min Scan# 642

Delta R.T. -0.01 min

Lab File: BM024631.D

Acq: 27 Jan 2020 17:04

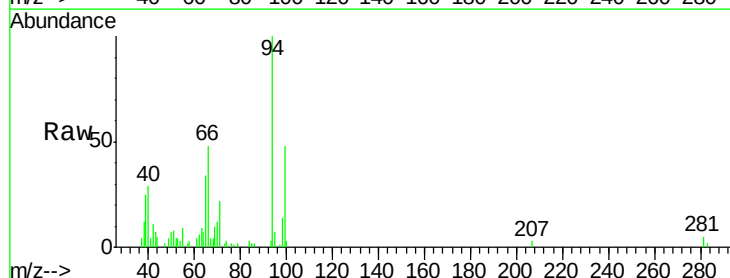
Tgt Ion: 94 Resp: 34222

Ion Ratio Lower Upper

94 100

65 33.9 10.3 50.3

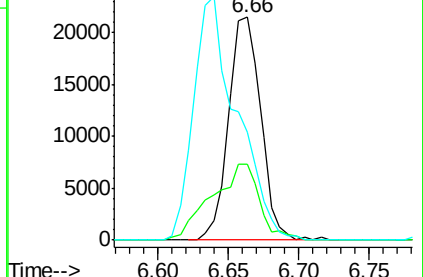
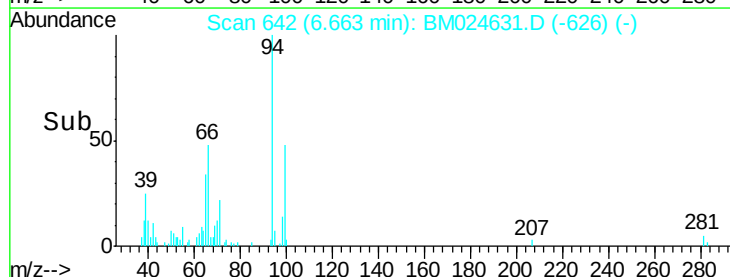
66 48.4 24.8 64.8

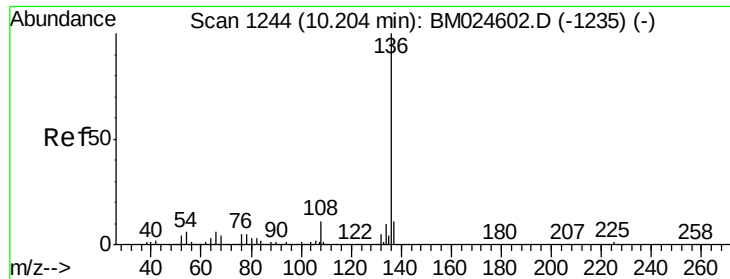


Abundance Ion 94.00 (93.70 to 94.70): BM024631.D (-626) (-)

Ion 65.00 (64.70 to 65.70): BM024631.D (-626) (-)

Ion 66.00 (65.70 to 66.70): BM024631.D (-626) (-)

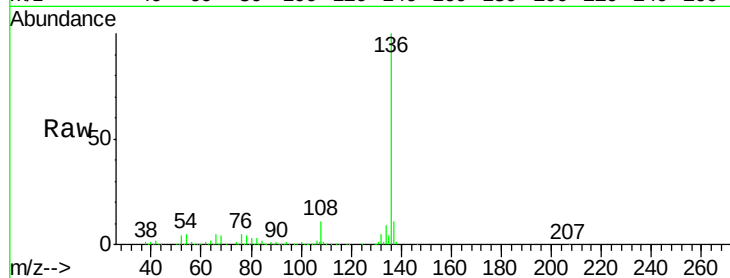




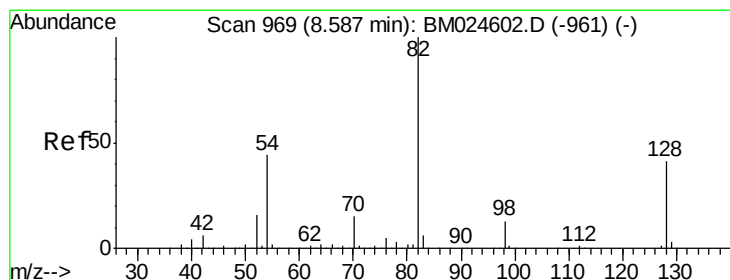
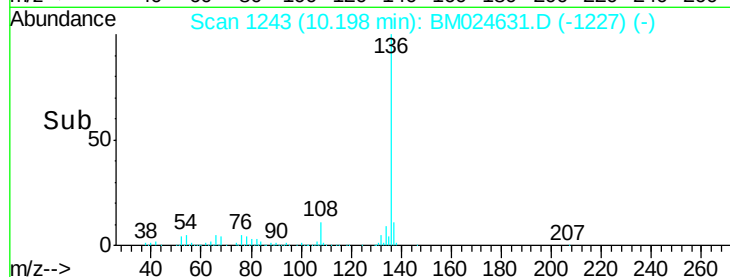
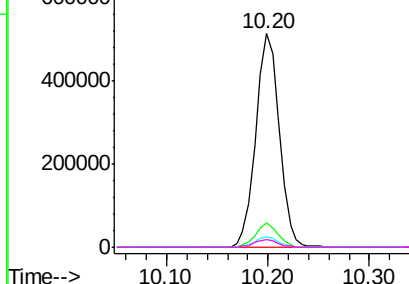
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.20 min Scan# 1243
Delta R.T. -0.01 min
Lab File: BM024631.D
Acq: 27 Jan 2020 17:04

Instrument :
BNA_M
ClientSampleId :
CTY-GW-01-12

Tot Ion:136	Resp: 826083
Ion Ratio	Lower Upper
136 100	
137 11.1	8.6 13.0
54 4.7	4.5 6.7
68 3.6	3.4 5.0

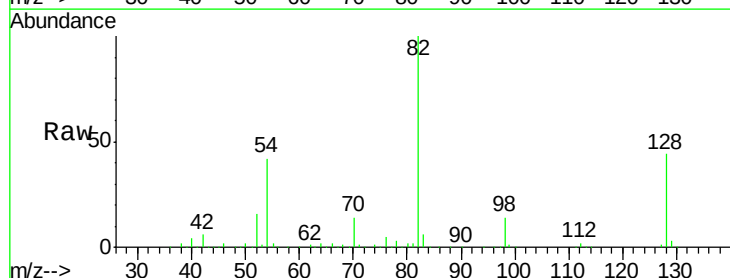


Abundance Ion 136.00 (135.70 to 136.70): E
800000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

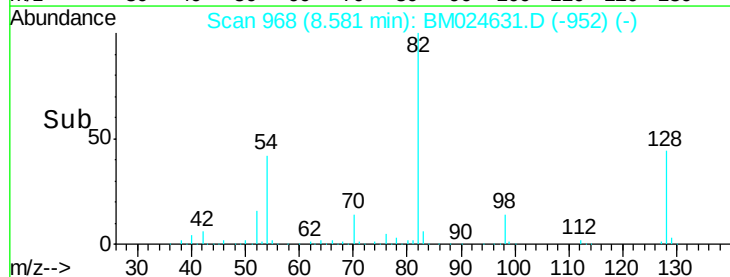
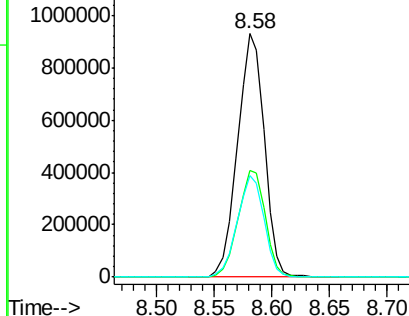


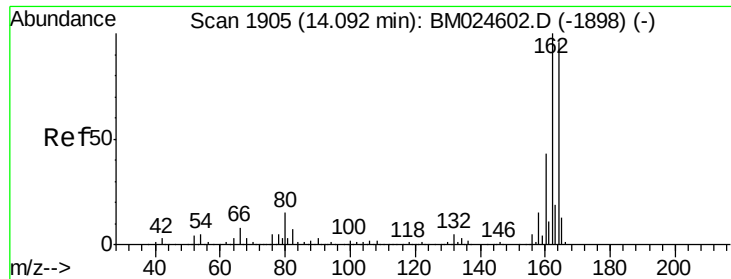
#23
Nitrobenzene-d5
Concen: 88.932 ng
RT: 8.58 min Scan# 968
Delta R.T. -0.01 min
Lab File: BM024631.D
Acq: 27 Jan 2020 17:04

Tgt Ion: 82	Resp: 1498023
Ion Ratio	Lower Upper
82 100	
128 44.1	32.6 48.8
54 41.6	34.8 52.2



Abundance Ion 82.00 (81.70 to 82.70): BM
1200000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM

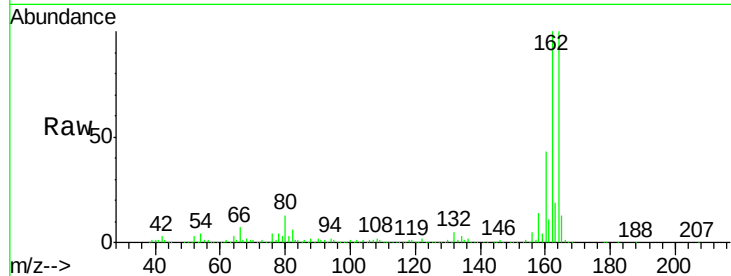




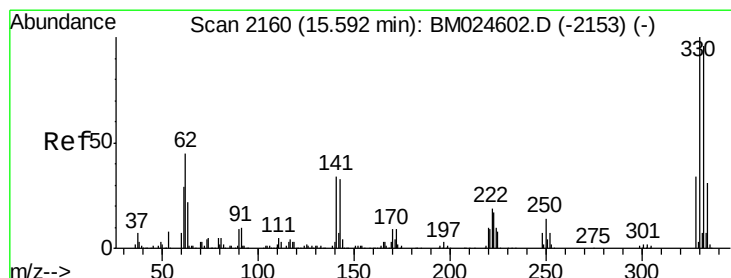
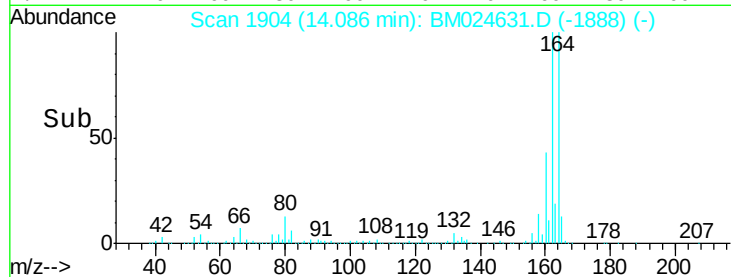
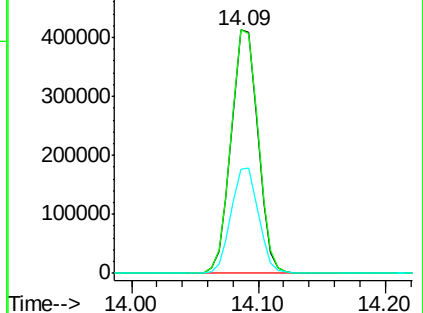
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.09 min Scan# 1904
 Delta R.T. -0.01 min
 Lab File: BM024631.D
 Acq: 27 Jan 2020 17:04

Instrument :
 BNA_M
 ClientSampleId :
 CTY-GW-01-12

Tot Ion:164 Resp: 600035
 Ion Ratio Lower Upper
 164 100
 162 100.2 82.9 124.3
 160 42.7 35.5 53.3

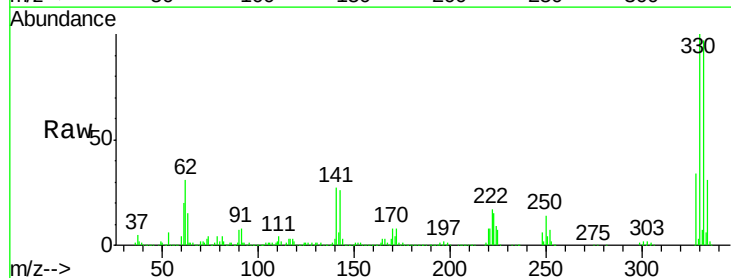


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

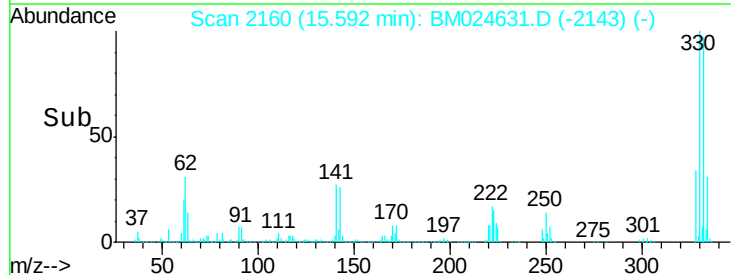
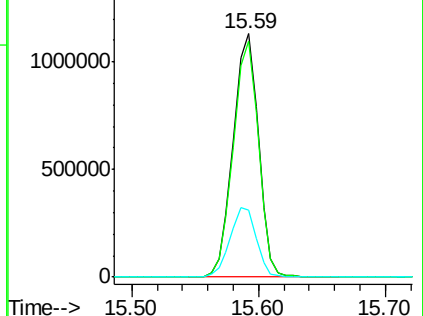


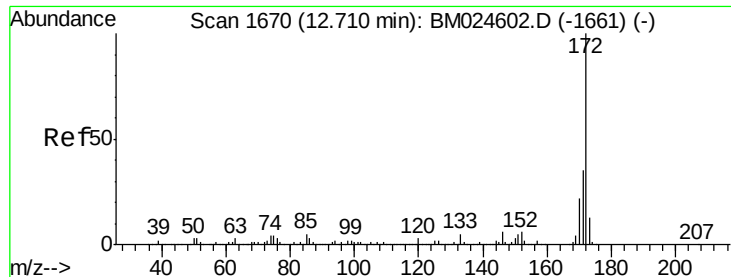
#42
 2,4,6-Tribromophenol
 Concen: 160.580 ng
 RT: 15.59 min Scan# 2160
 Delta R.T. 0.00 min
 Lab File: BM024631.D
 Acq: 27 Jan 2020 17:04

Tgt Ion:330 Resp: 1567337
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.2 115.8
 141 29.3 26.9 40.3



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

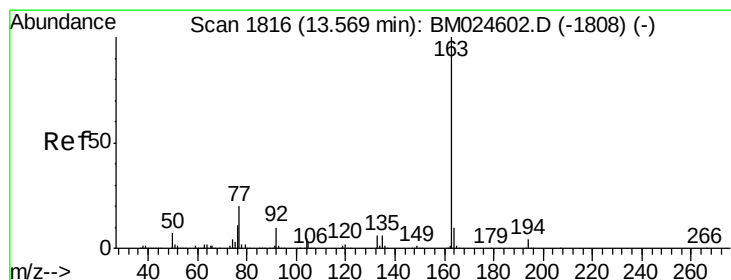
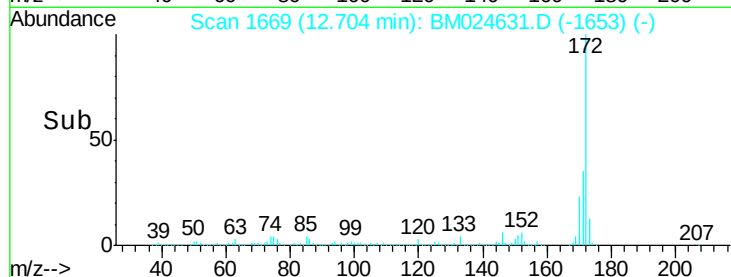
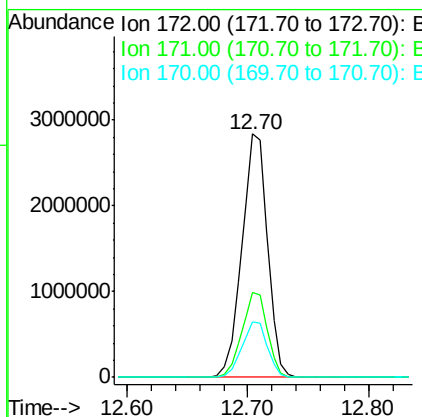
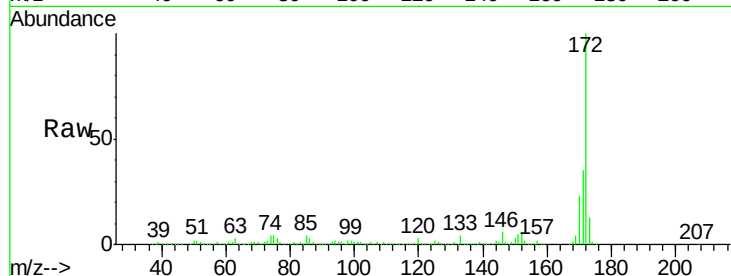




#45
2-Fluorobiphenyl
Concen: 95.265 ng
RT: 12.70 min Scan# 1669
Delta R.T. -0.01 min
Lab File: BM024631.D
Acq: 27 Jan 2020 17:04

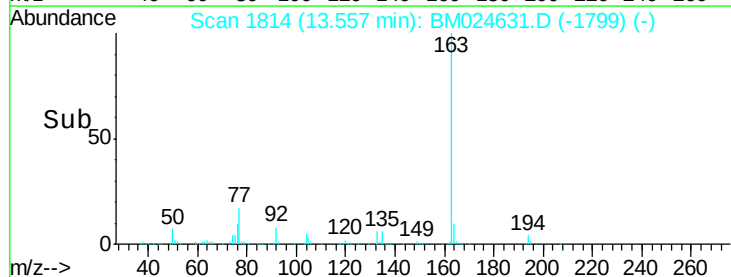
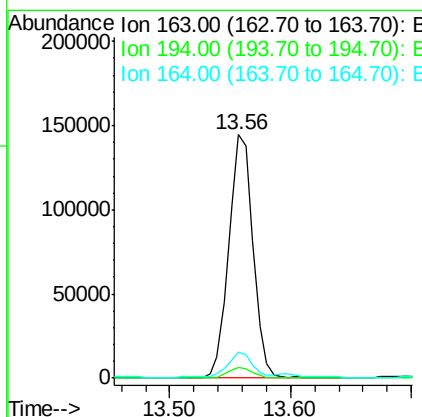
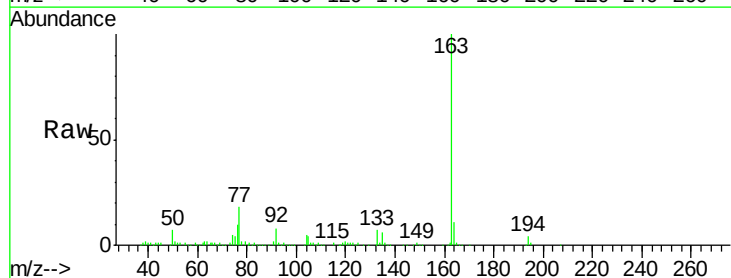
Instrument :
BNA_M
ClientSampleId :
CTY-GW-01-12

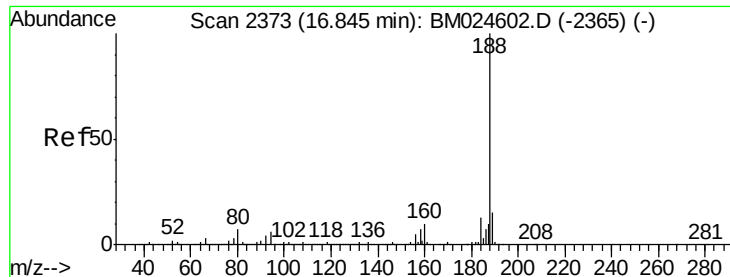
Tot Ion:172 Resp: 4204633
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 22.9 17.9 26.9



#50
Dimethylphthalate
Concen: 4.165 ng
RT: 13.56 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BM024631.D
Acq: 27 Jan 2020 17:04

Tgt Ion:163 Resp: 202064
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.6 8.0 12.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.84 min Scan# 2372

Delta R.T. -0.01 min

Lab File: BM024631.D

Acq: 27 Jan 2020 17:04

Instrument :

BNA_M

ClientSampleId :

CTY-GW-01-12

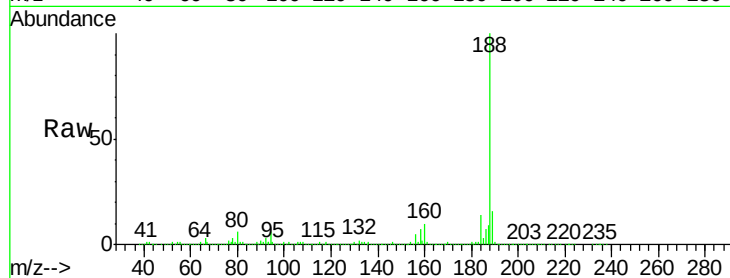
Tot Ion:188 Resp: 1480665

Ion Ratio Lower Upper

188 100

94 5.7 5.0 7.6

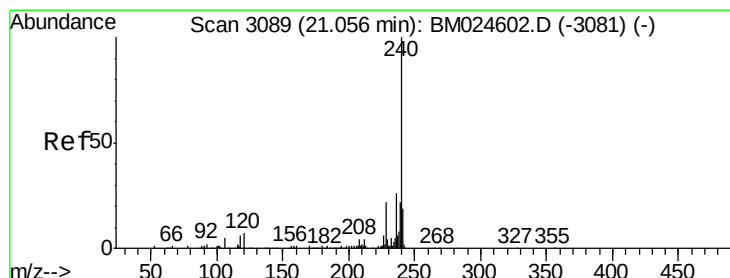
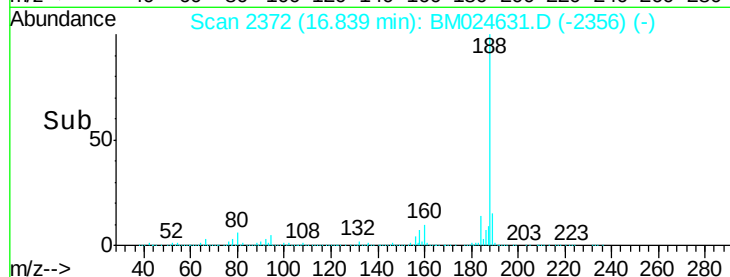
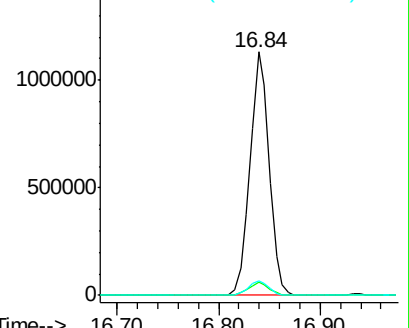
80 6.1 5.8 8.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.05 min Scan# 3088

Delta R.T. -0.01 min

Lab File: BM024631.D

Acq: 27 Jan 2020 17:04

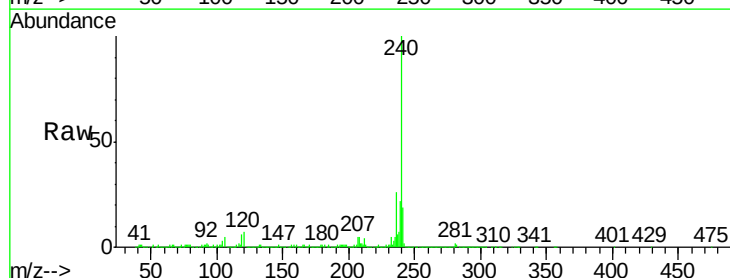
Tgt Ion:240 Resp: 1266022

Ion Ratio Lower Upper

240 100

120 6.6 5.3 7.9

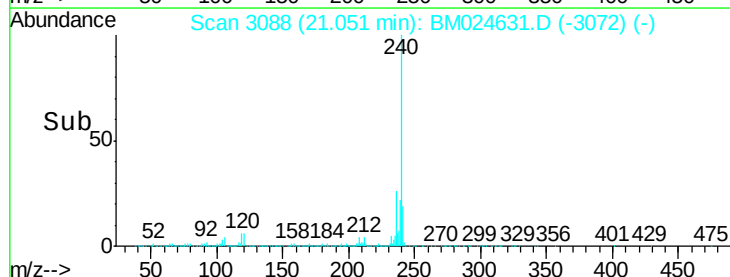
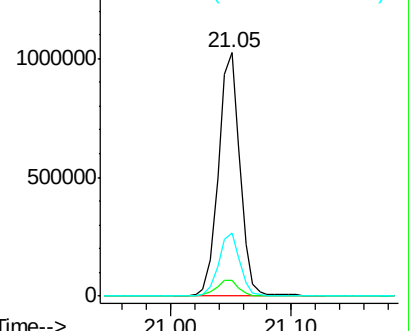
236 26.2 20.6 31.0

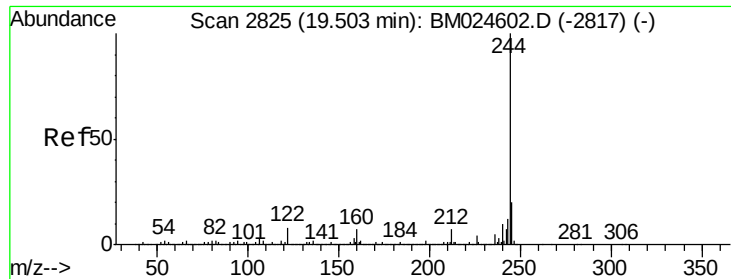


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 116.498 ng

RT: 19.50 min Scan# 2825

Delta R.T. 0.00 min

Lab File: BM024631.D

Acq: 27 Jan 2020 17:04

Instrument :

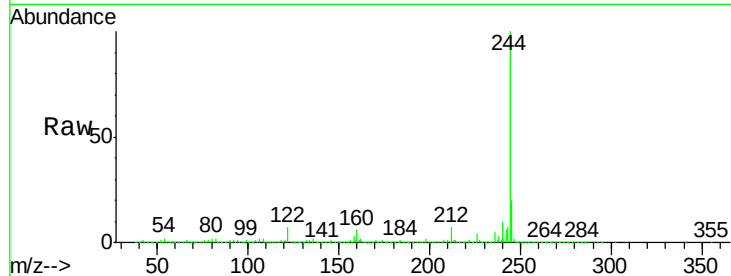
BNA_M

ClientSampleId :

CTY-GW-01-12

Tot Ion:244 Resp: 7900233

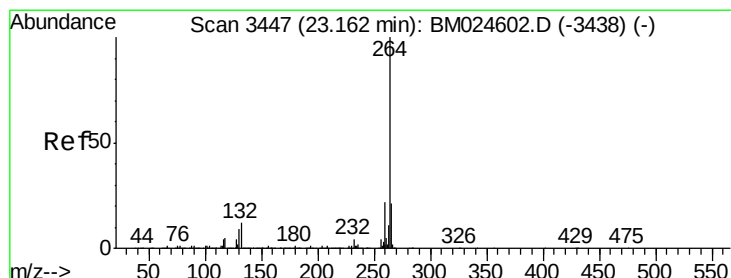
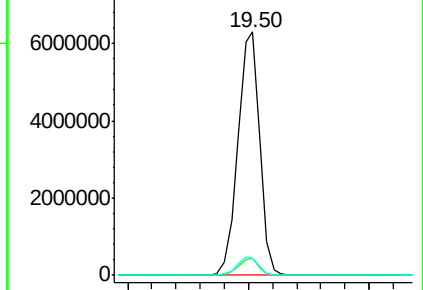
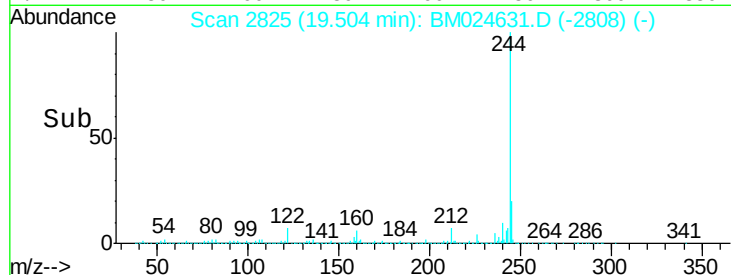
Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.2
122	6.8	6.2	9.4



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: 23.16 min Scan# 3447

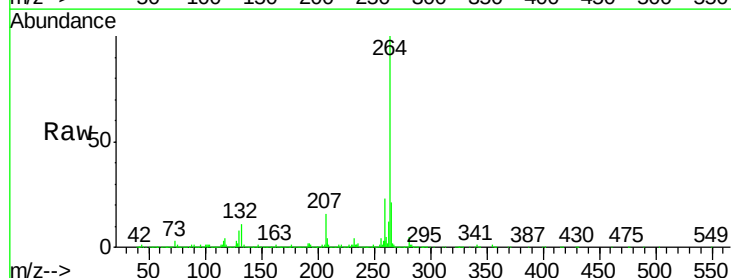
Delta R.T. 0.00 min

Lab File: BM024631.D

Acq: 27 Jan 2020 17:04

Tgt Ion:264 Resp: 1327912

Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.9	26.9
265	21.3	17.3	25.9



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

