

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP053122\
 Data File : BP010639.D
 Acq On : 31 May 2022 15:33
 Operator : CG/JU
 Sample : N3064-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-1

Quant Time: Jun 01 05:29:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 28 02:18:04 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

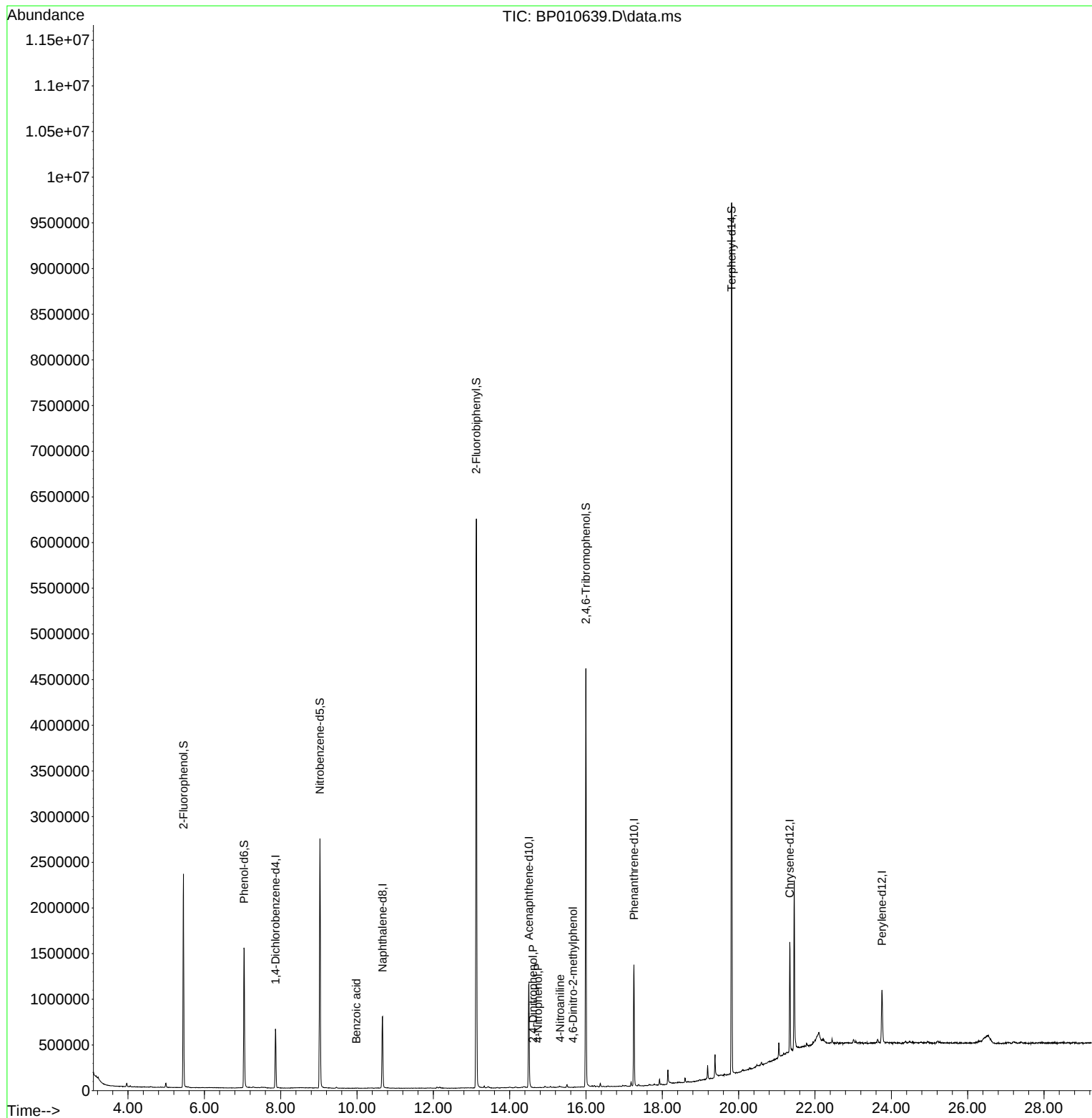
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	165712	20.000	ng	0.00
21) Naphthalene-d8	10.669	136	645411	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	406624	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	816151	20.000	ng	0.00
76) Chrysene-d12	21.339	240	584007	20.000	ng	0.00
86) Perylene-d12	23.757	264	461664	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	852605	93.862	ng	0.00
7) Phenol-d6	7.040	99	814320	63.148	ng	0.00
23) Nitrobenzene-d5	9.028	82	1522499	111.528	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	808314	175.613	ng	0.00
45) 2-Fluorobiphenyl	13.128	172	3135503	109.439	ng	0.00
79) Terphenyl-d14	19.816	244	4207211	135.314	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	9.981	122	274	7.363	ng	# 62
54) 2,4-Dinitrophenol	14.610	184	48	6.657	ng	# 51
56) 4-Nitrophenol	14.739	139	67	3.610	ng	# 1
62) 4-Nitroaniline	15.322	138	100	2.148	ng	# 87
65) 4,6-Dinitro-2-methylph...	15.663	198	32	4.608	ng	# 1

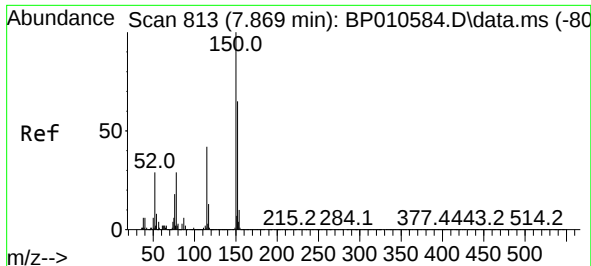
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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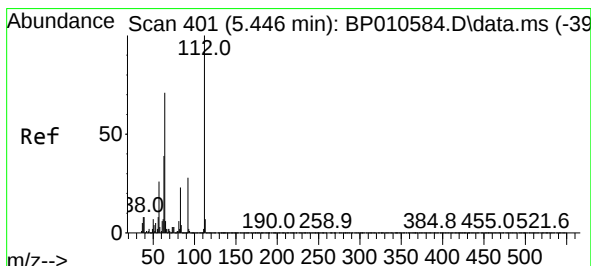
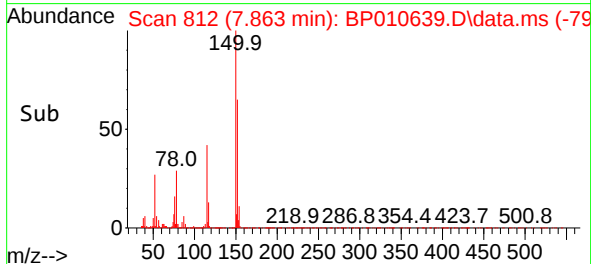
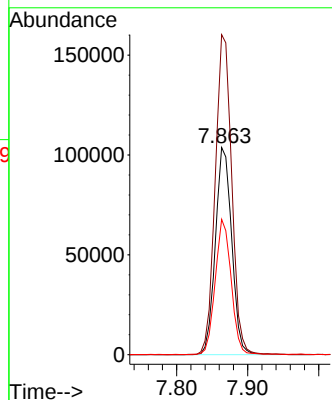
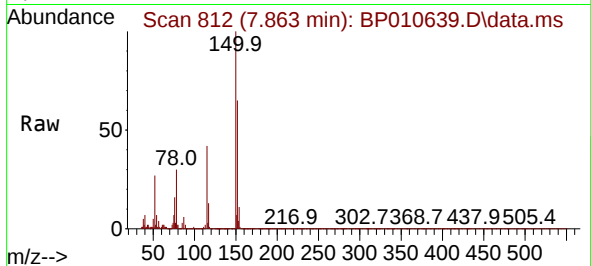




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.863 min Scan# 813
 Delta R.T. -0.006 min
 Lab File: BP010639.D
 Acq: 31 May 2022 15:33

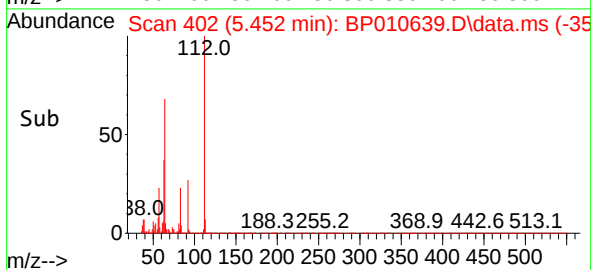
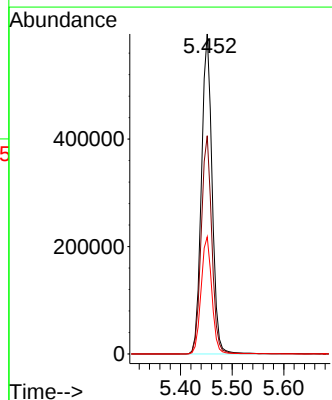
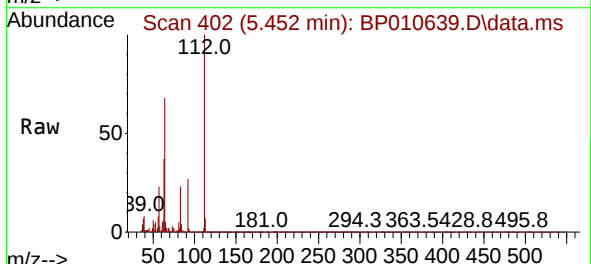
Instrument :
 BNA_P
 ClientSampleId :
 MW-1

Tgt Ion:152 Resp: 165712
 Ion Ratio Lower Upper
 152 100
 150 154.4 123.4 185.2
 115 65.3 51.3 76.9



#5
 2-Fluorophenol
 Concen: 93.862 ng
 RT: 5.452 min Scan# 402
 Delta R.T. 0.006 min
 Lab File: BP010639.D
 Acq: 31 May 2022 15:33

Tgt Ion:112 Resp: 852605
 Ion Ratio Lower Upper
 112 100
 64 68.2 56.9 85.3
 63 36.6 31.2 46.8

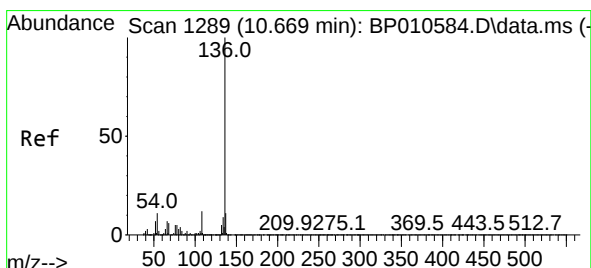
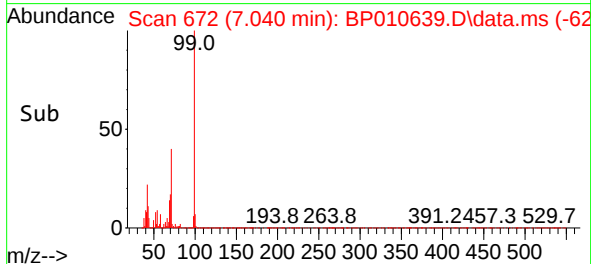
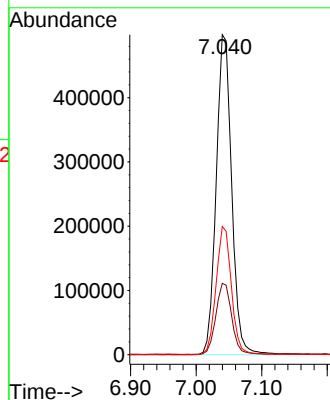
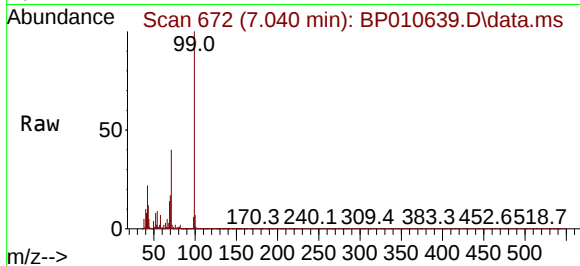




#7
Phenol-d6
Concen: 63.148 ng
RT: 7.040 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP010639.D
Acq: 31 May 2022 15:33

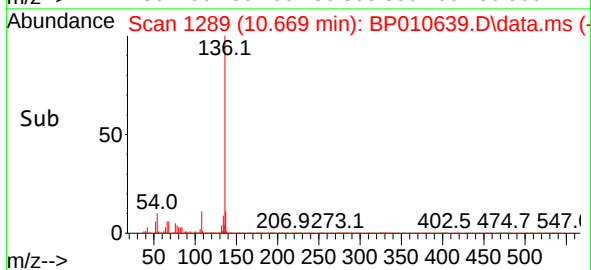
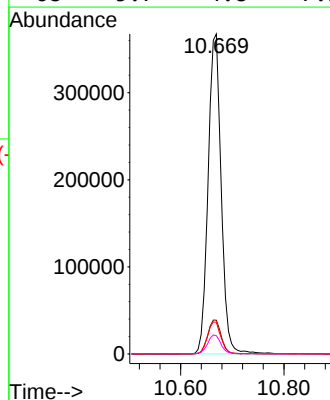
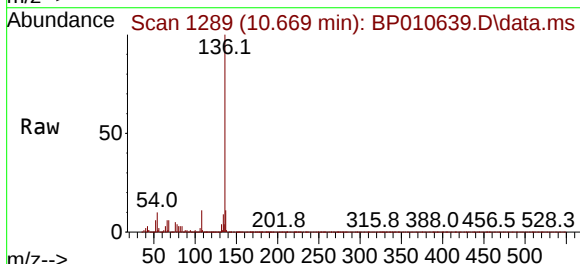
Instrument :
BNA_P
ClientSampleId :
MW-1

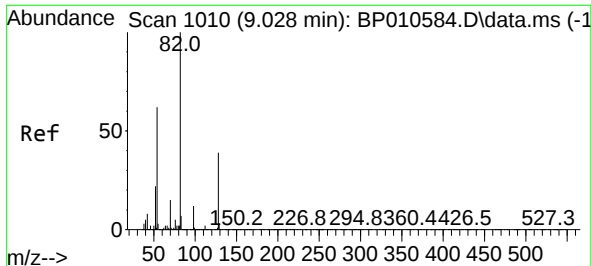
Tgt Ion: 99 Resp: 814320
Ion Ratio Lower Upper
99 100
42 22.3 20.3 30.5
71 40.1 33.9 50.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.669 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BP010639.D
Acq: 31 May 2022 15:33

Tgt Ion:136 Resp: 645411
Ion Ratio Lower Upper
136 100
137 10.5 9.0 13.4
54 9.9 8.7 13.1
68 5.7 4.8 7.2





#23

Nitrobenzene-d5

Concen: 111.528 ng

RT: 9.028 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP010639.D

Acq: 31 May 2022 15:33

Instrument :

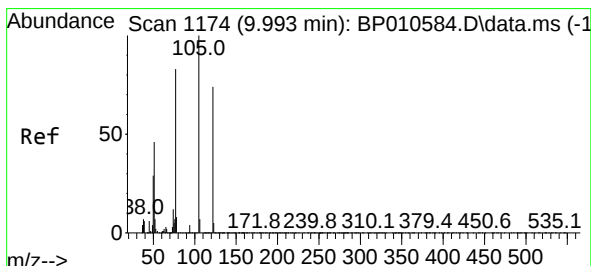
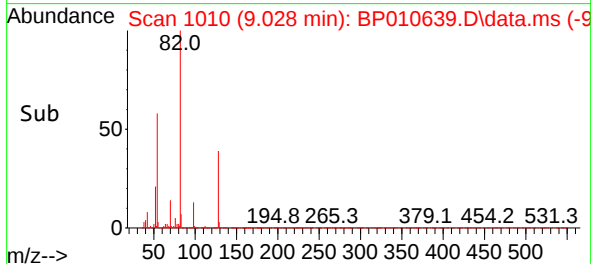
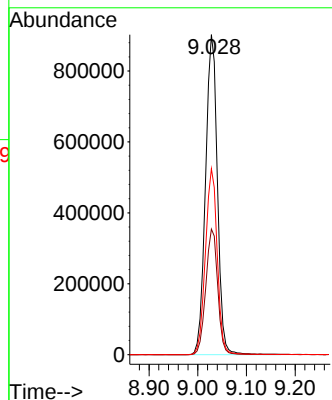
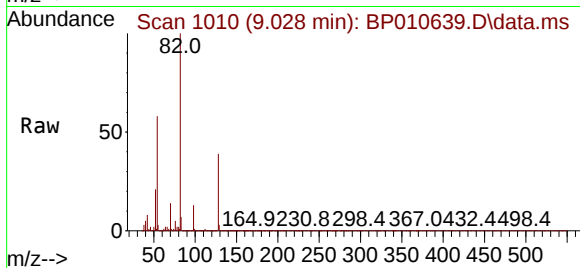
BNA_P

ClientSampleId :

MW-1

Tgt Ion: 82 Resp: 1522499

Ion	Ratio	Lower	Upper
82	100		
128	39.3	31.3	46.9
54	58.1	49.8	74.8



#32

Benzoic acid

Concen: 7.363 ng

RT: 9.981 min Scan# 1172

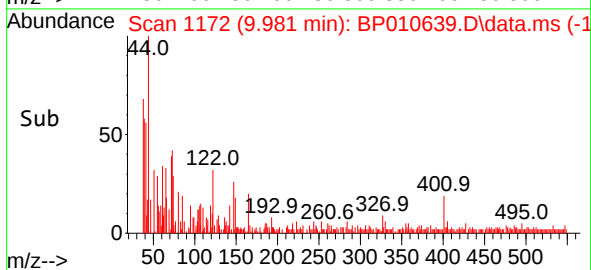
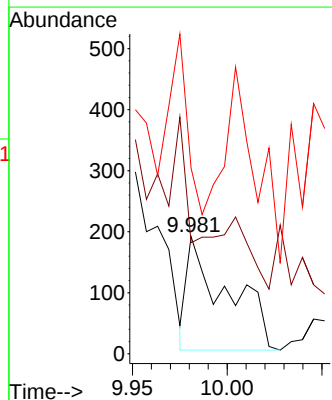
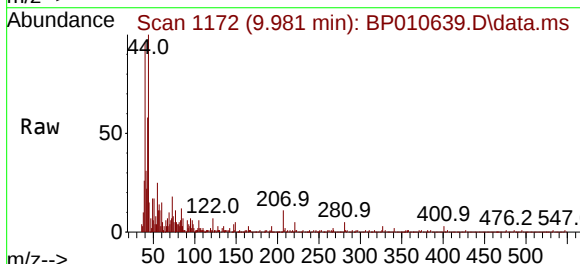
Delta R.T. -0.012 min

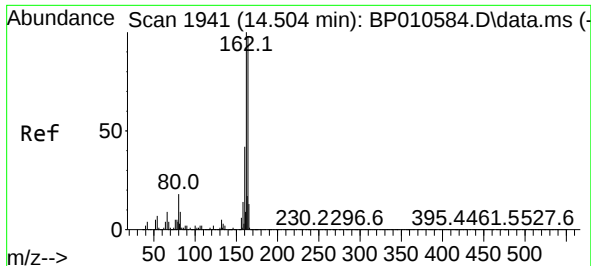
Lab File: BP010639.D

Acq: 31 May 2022 15:33

Tgt Ion: 122 Resp: 274

Ion	Ratio	Lower	Upper
122	100		
105	94.8	112.6	152.6#
77	158.3	90.2	130.2#

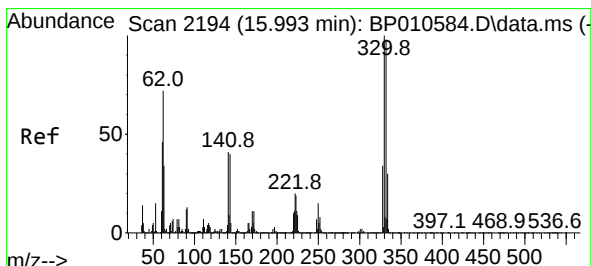
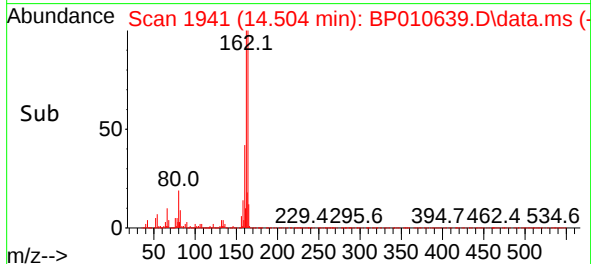
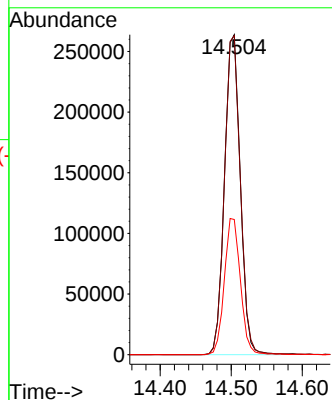
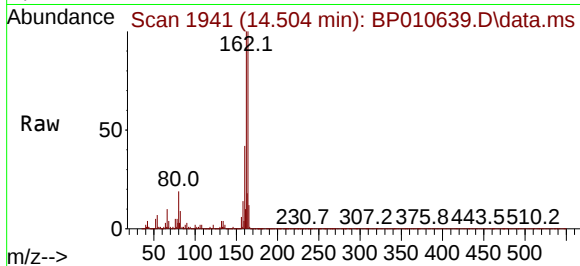




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1941
Delta R.T. 0.000 min
Lab File: BP010639.D
Acq: 31 May 2022 15:33

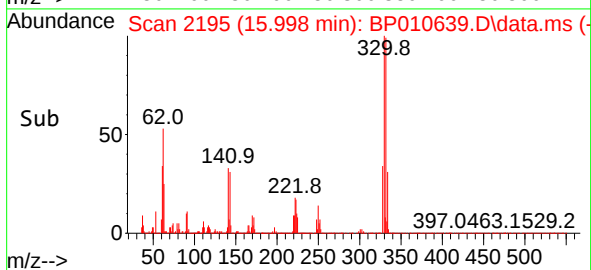
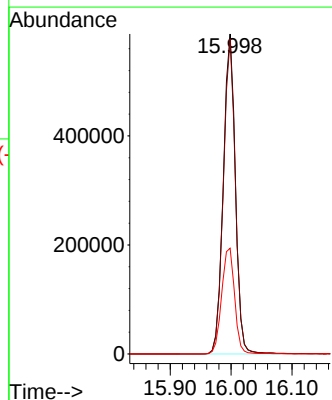
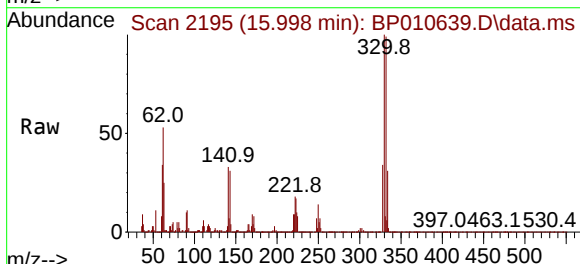
Instrument :
BNA_P
ClientSampleId :
MW-1

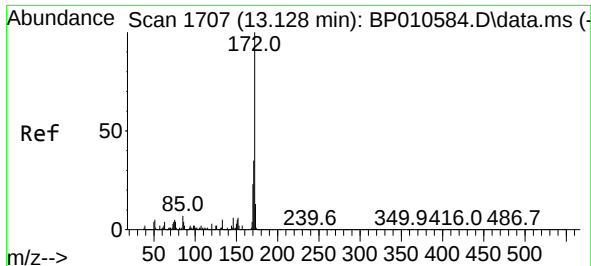
Tgt Ion:164 Resp: 406624
Ion Ratio Lower Upper
164 100
162 99.7 81.9 122.9
160 42.3 34.6 51.8



#42
2,4,6-Tribromophenol
Concen: 175.613 ng
RT: 15.998 min Scan# 2195
Delta R.T. 0.005 min
Lab File: BP010639.D
Acq: 31 May 2022 15:33

Tgt Ion:330 Resp: 808314
Ion Ratio Lower Upper
330 100
332 97.9 78.1 117.1
141 35.7 31.4 47.2

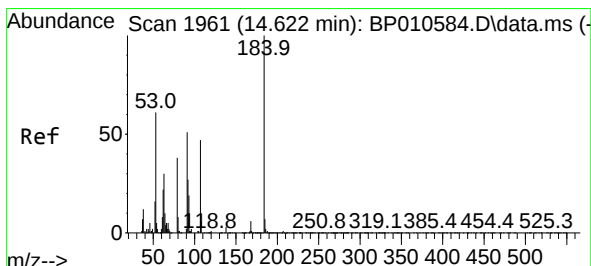
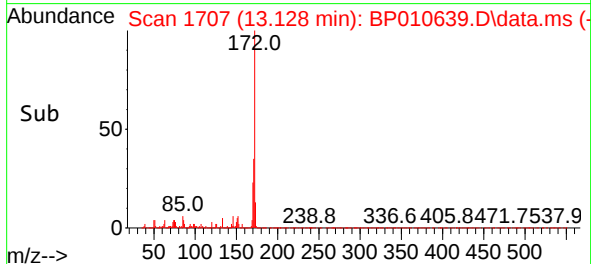
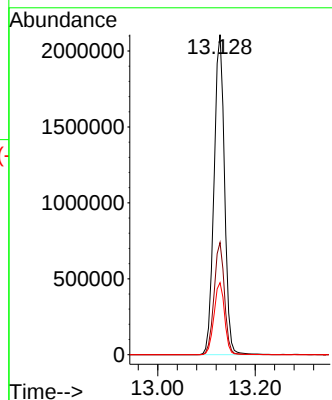
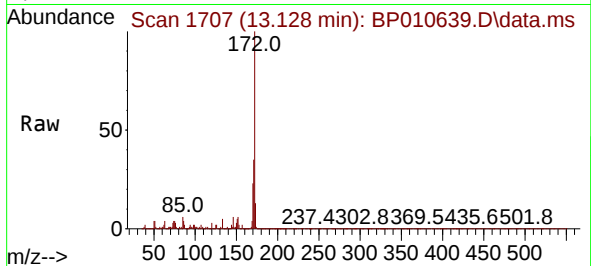




#45
2-Fluorobiphenyl
Concen: 109.439 ng
RT: 13.128 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP010639.D
Acq: 31 May 2022 15:33

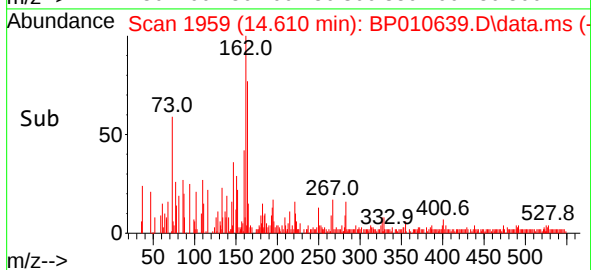
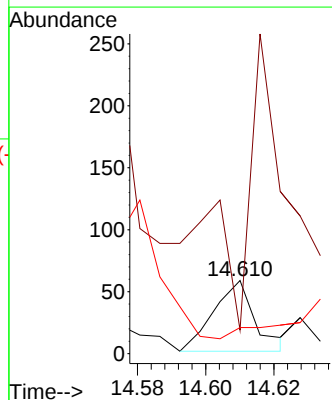
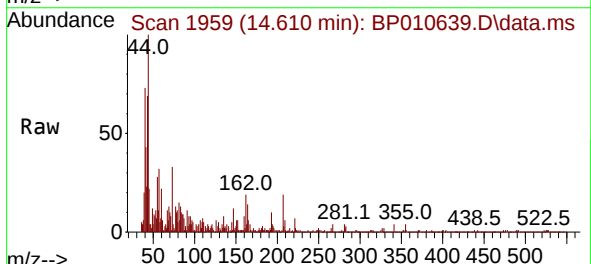
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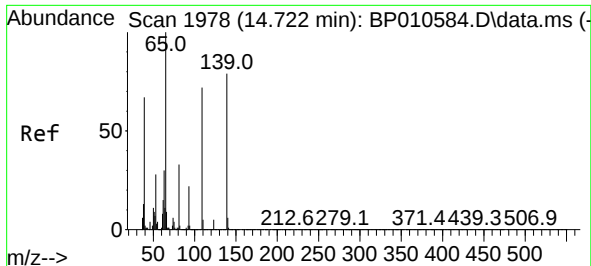
Tgt Ion:172 Resp: 3135503
Ion Ratio Lower Upper
172 100
171 35.0 27.9 41.9
170 22.5 18.2 27.2



#54
2,4-Dinitrophenol
Concen: 6.657 ng
RT: 14.610 min Scan# 1959
Delta R.T. -0.012 min
Lab File: BP010639.D
Acq: 31 May 2022 15:33

Tgt Ion:184 Resp: 48
Ion Ratio Lower Upper
184 100
63 32.2 65.4 98.2#
154 35.6 55.4 83.2#

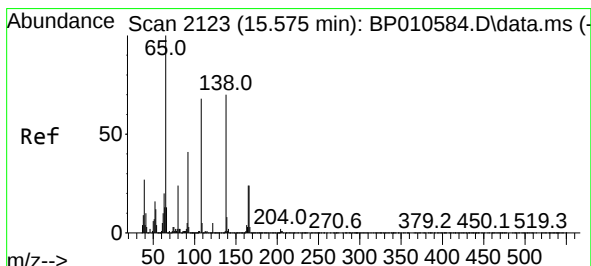
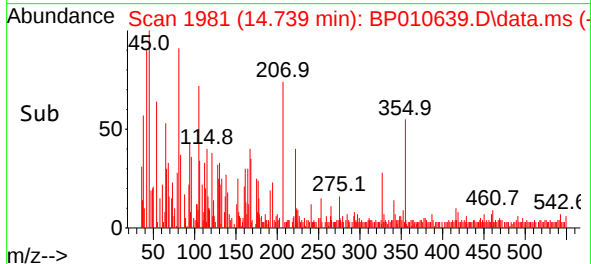
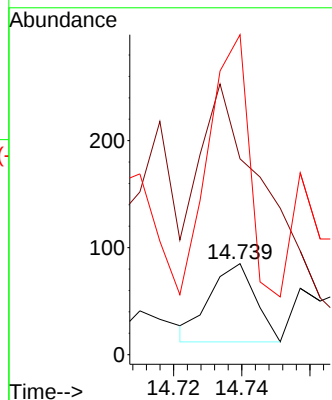
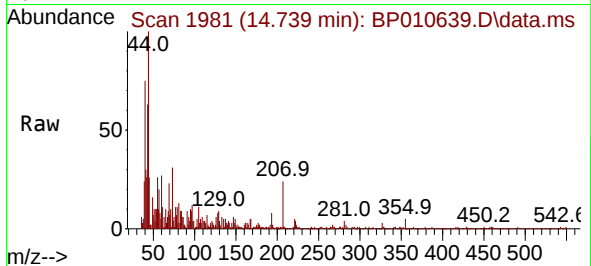




#56
4-Nitrophenol
Concen: 3.610 ng
RT: 14.739 min Scan# 1978
Delta R.T. 0.017 min
Lab File: BP010639.D
Acq: 31 May 2022 15:33

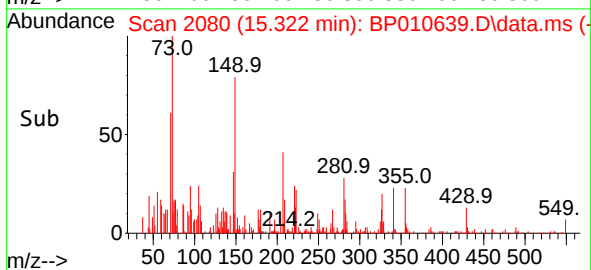
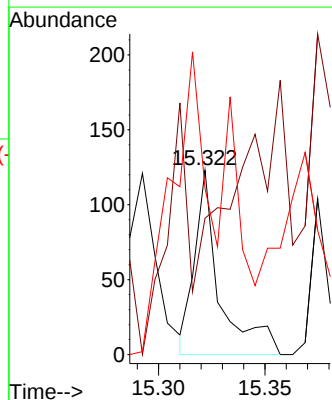
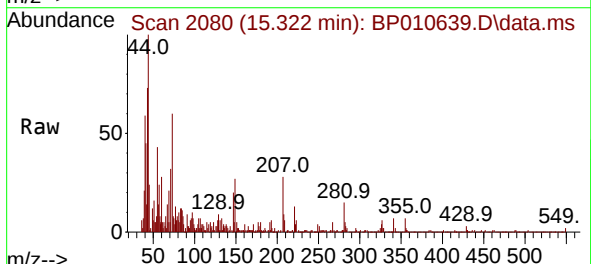
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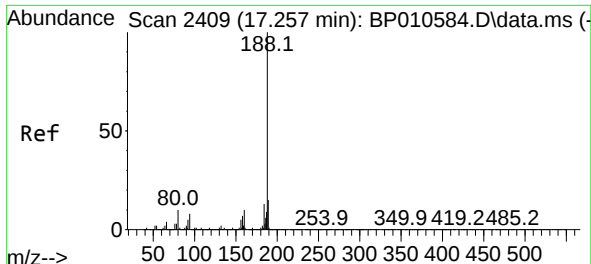
Tgt Ion:139 Resp: 67
Ion Ratio Lower Upper
139 100
109 215.3 70.6 110.6#
65 351.8 106.6 146.6#



#62
4-Nitroaniline
Concen: 2.148 ng
RT: 15.322 min Scan# 2080
Delta R.T. -0.253 min
Lab File: BP010639.D
Acq: 31 May 2022 15:33

Tgt Ion:138 Resp: 100
Ion Ratio Lower Upper
138 100
92 74.0 38.0 78.0
108 90.2 77.6 117.6

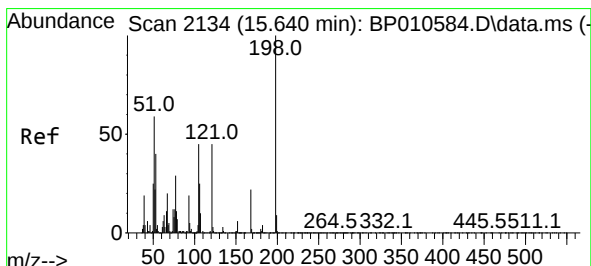
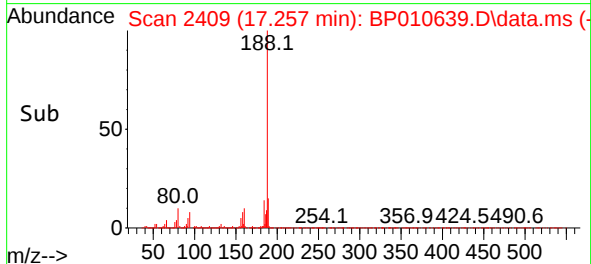
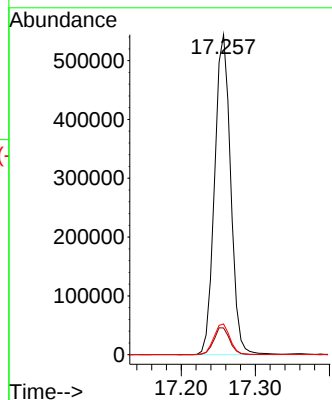
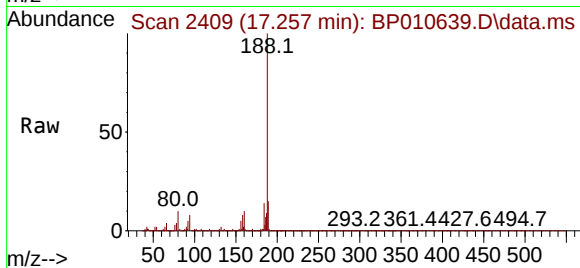




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.257 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BP010639.D
Acq: 31 May 2022 15:33

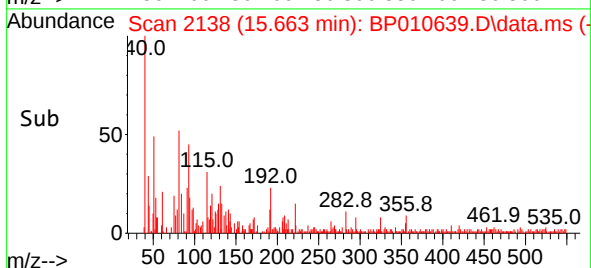
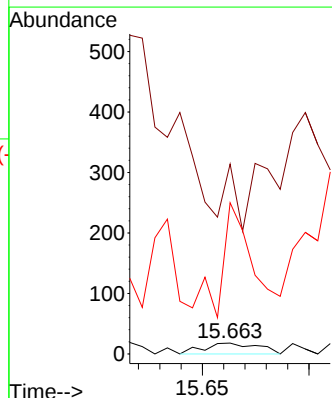
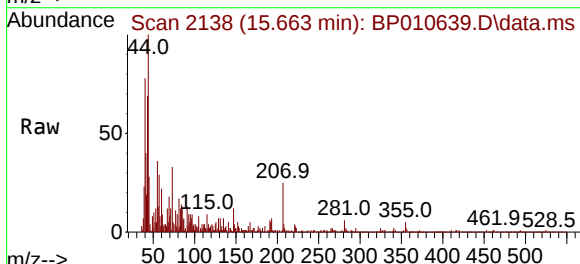
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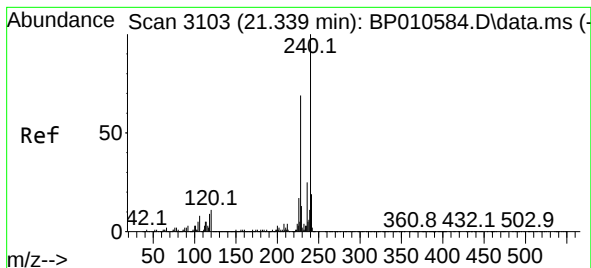
Tgt Ion:188 Resp: 816151
Ion Ratio Lower Upper
188 100
94 8.4 6.6 10.0
80 9.6 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 4.608 ng
RT: 15.663 min Scan# 2138
Delta R.T. 0.023 min
Lab File: BP010639.D
Acq: 31 May 2022 15:33

Tgt Ion:198 Resp: 32
Ion Ratio Lower Upper
198 100
51 1744.4 41.2 81.2#
105 1388.9 25.3 65.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.339 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP010639.D

Acq: 31 May 2022 15:33

Instrument :

BNA_P

ClientSampleId :

MW-1

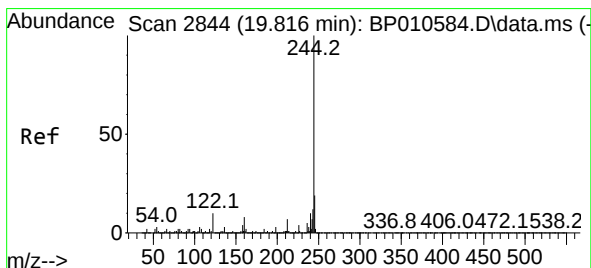
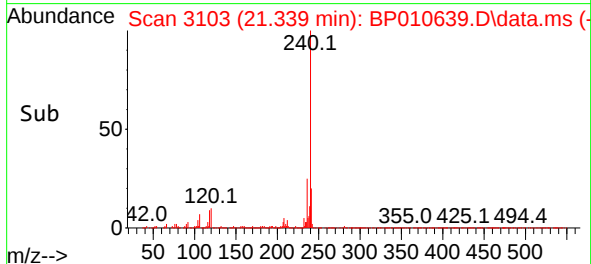
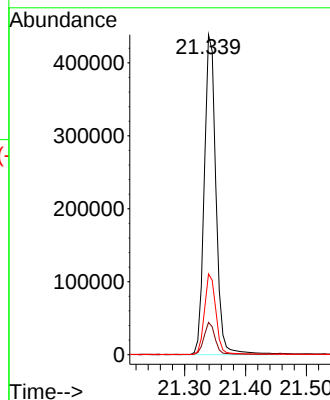
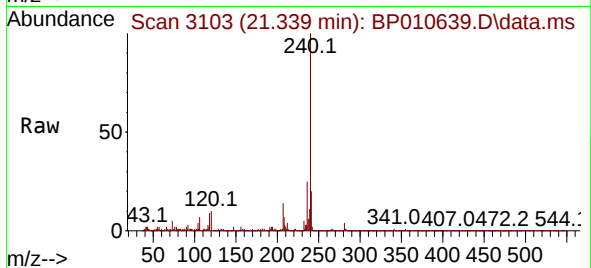
Tgt Ion:240 Resp: 584007

Ion Ratio Lower Upper

240 100

120 10.1 8.6 12.8

236 25.2 19.8 29.6



#79

Terphenyl-d14

Concen: 135.314 ng

RT: 19.816 min Scan# 2844

Delta R.T. -0.000 min

Lab File: BP010639.D

Acq: 31 May 2022 15:33

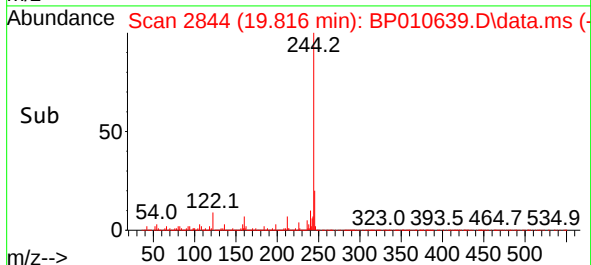
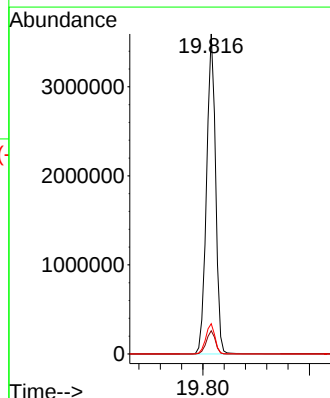
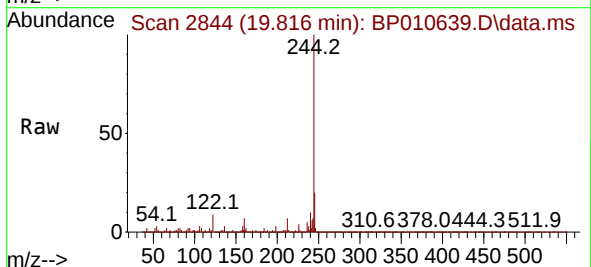
Tgt Ion:244 Resp: 4207211

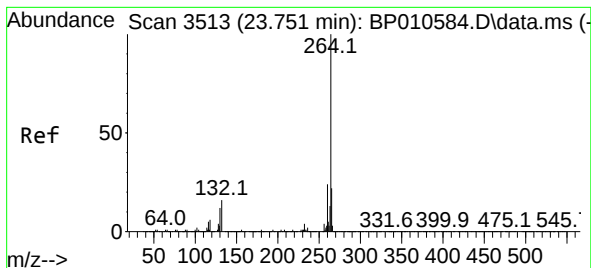
Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 9.4 7.6 11.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.757 min Scan# 3

Delta R.T. 0.006 min

Lab File: BP010639.D

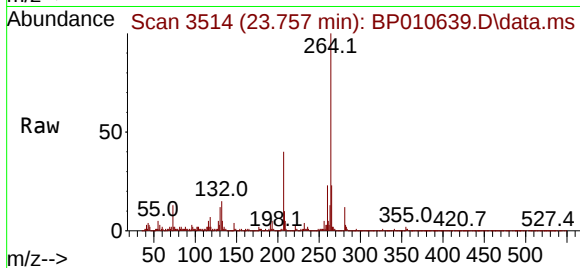
Acq: 31 May 2022 15:33

Instrument :

BNA_P

ClientSampleId :

MW-1



Tgt Ion:264 Resp: 461664

Ion Ratio Lower Upper

264 100

260 22.7 19.3 28.9

265 22.9 18.0 27.0

