

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101420\
 Data File : BP003617.D
 Acq On : 14 Oct 2020 20:40
 Operator : CG/JU
 Sample : L4331-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SHELL-L15-L14

Quant Time: Oct 15 01:03:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 14 17:03:23 2020
 Response via : Initial Calibration

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

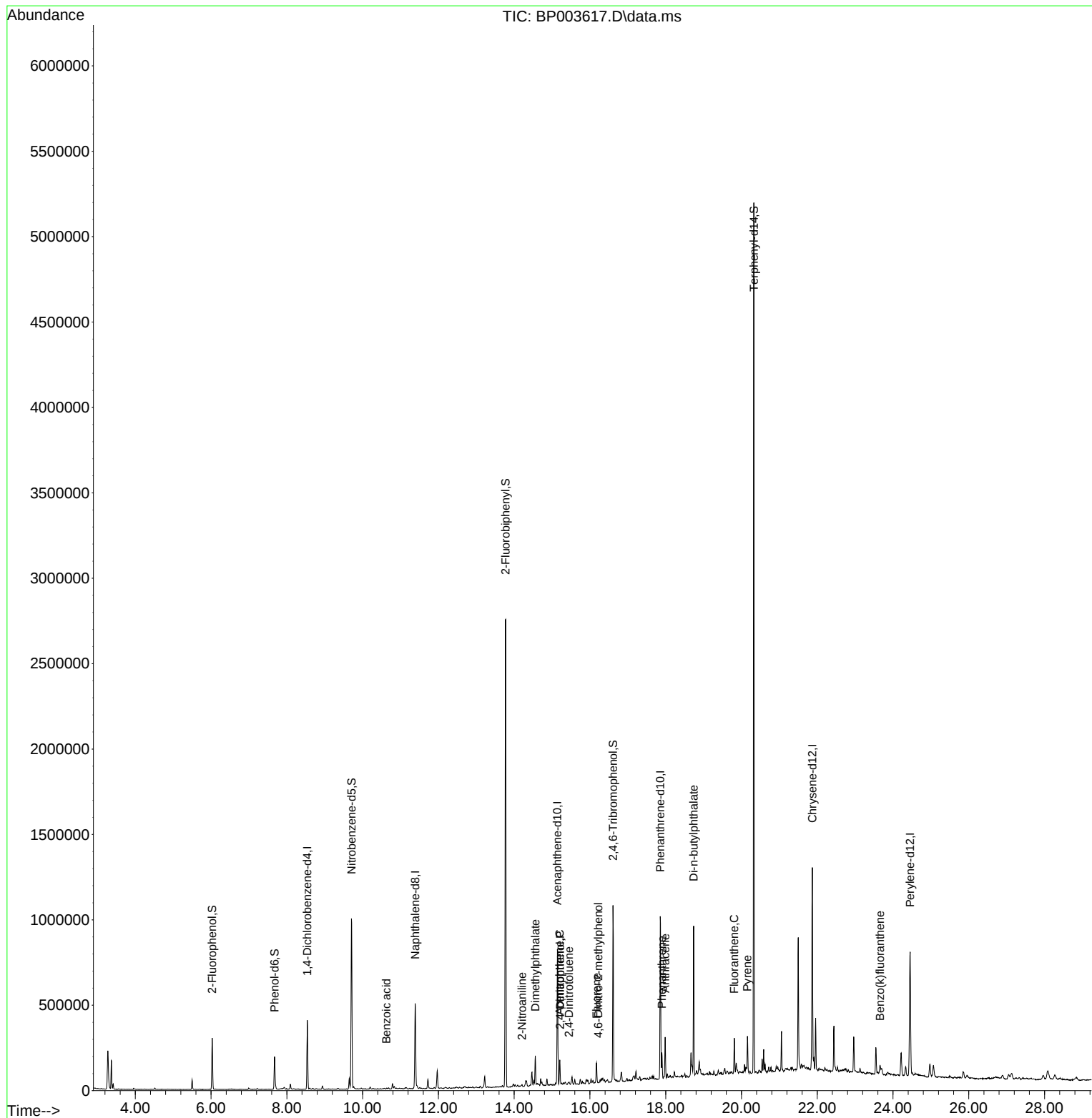
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.540	152	105323	20.00	ng	0.00
21) Naphthalene-d8	11.387	136	395117	20.00	ng	# 0.00
39) Acenaphthene-d10	15.140	164	264359	20.00	ng	-0.01
64) Phenanthrene-d10	17.857	188	571042	20.00	ng	0.00
76) Chrysene-d12	21.869	240	594295	20.00	ng	#-0.01
86) Perylene-d12	24.451	264	620032	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.028	112	121529	19.84	ng	0.00
7) Phenol-d6	7.675	99	102712	11.51	ng	0.00
23) Nitrobenzene-d5	9.705	82	582820	68.39	ng	0.00
42) 2,4,6-Tribromophenol	16.610	330	205572	58.33	ng	0.00
45) 2-Fluorobiphenyl	13.775	172	1416994	70.32	ng	0.00
79) Terphenyl-d14	20.328	244	2166933	65.97	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.634	77	521	Below Cal	#	57
32) Benzoic acid	10.628	122	99	6.45 ng	#	16
48) 2-Nitroaniline	14.204	65	166	4.21 ng	#	11
50) Dimethylphthalate	14.557	163	107167	4.94 ng		99
52) Acenaphthene	15.204	154	49736	3.08 ng		96
54) 2,4-Dinitrophenol	15.216	184	29	2.13 ng	#	1
57) 2,4-Dinitrotoluene	15.445	165	1235	3.76 ng	#	70
58) Fluorene	16.175	166	48089	2.37 ng		95
65) 4,6-Dinitro-2-methylph...	16.216	198	104	7.41 ng	#	1
71) Phenanthrene	17.898	178	84054	2.65 ng		99
72) Anthracene	17.986	178	140194	4.53 ng		98
74) Di-n-butylphthalate	18.739	149	541668	15.91 ng	#	98
75) Fluoranthene	19.810	202	123819	3.15 ng		98
78) Pyrene	20.157	202	129051	3.27 ng		99
89) Benzo(k)fluoranthene	23.657	252	81362	2.01 ng		98

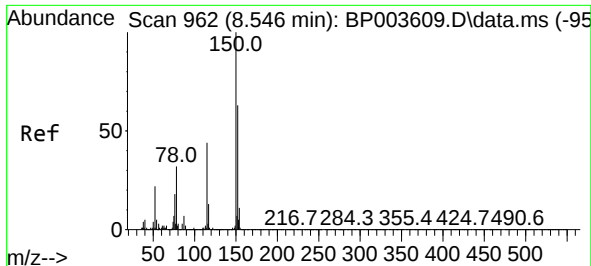
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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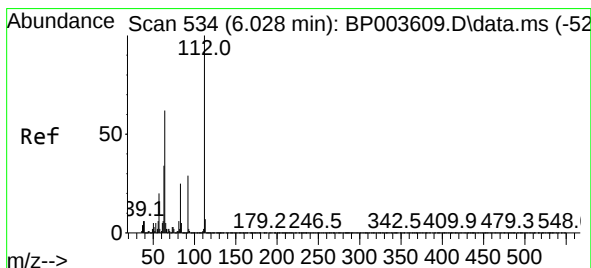
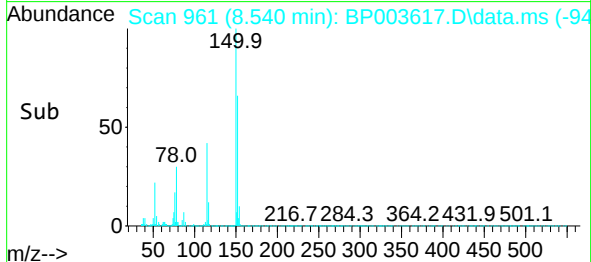
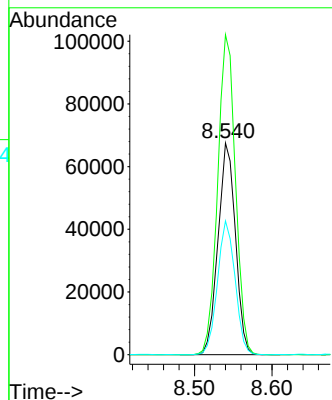
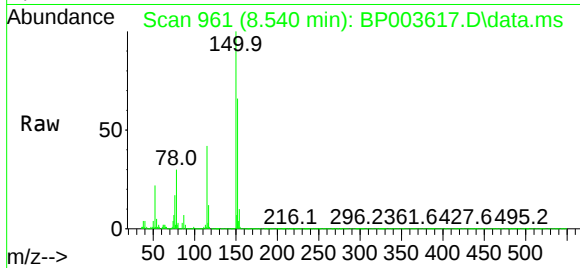




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.540 min Scan# 961
Delta R.T. -0.006 min
Lab File: BP003617.D
Acq: 14 Oct 2020 20:40

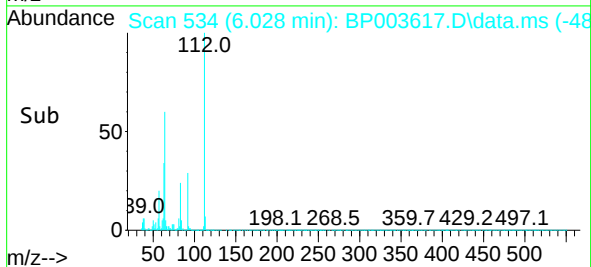
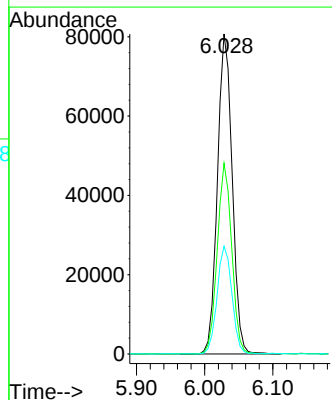
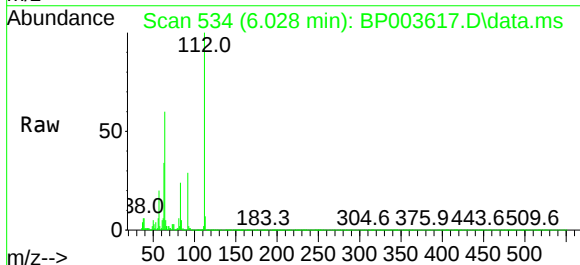
Instrument :
BNA_P
ClientSampleId :
SHELL-L15-L14

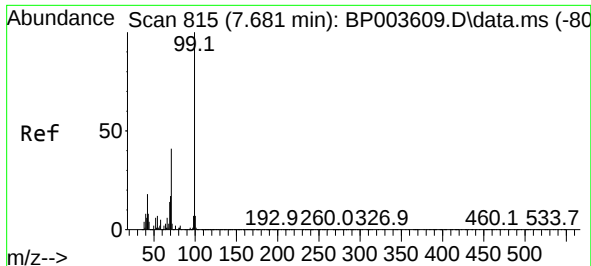
Tgt Ion:152 Resp: 105323
Ion Ratio Lower Upper
152 100
150 151.1 123.8 185.6
115 63.1 43.8 65.6



#5
2-Fluorophenol
Concen: 19.84 ng
RT: 6.028 min Scan# 534
Delta R.T. 0.000 min
Lab File: BP003617.D
Acq: 14 Oct 2020 20:40

Tgt Ion:112 Resp: 121529
Ion Ratio Lower Upper
112 100
64 59.6 32.8 49.2#
63 33.7 17.0 25.4#

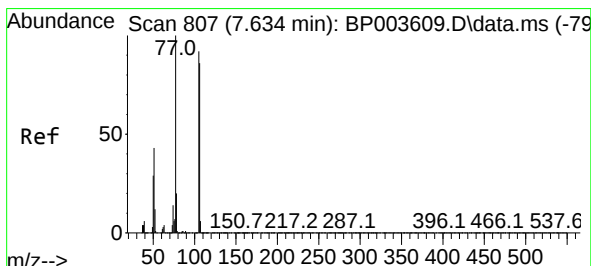
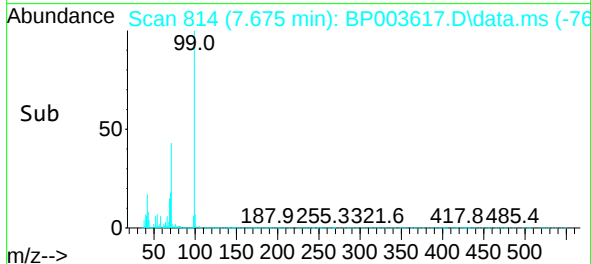
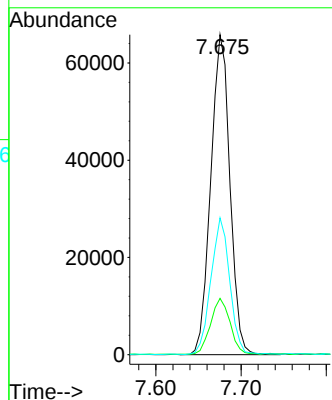
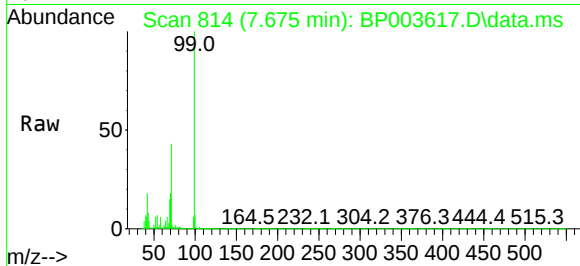




#7
Phenol-d6
Concen: 11.51 ng
RT: 7.675 min Scan# 814
Delta R.T. -0.006 min
Lab File: BP003617.D
Acq: 14 Oct 2020 20:40

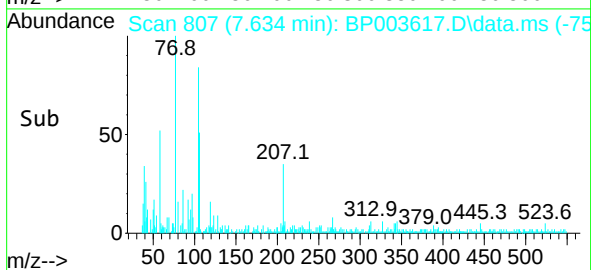
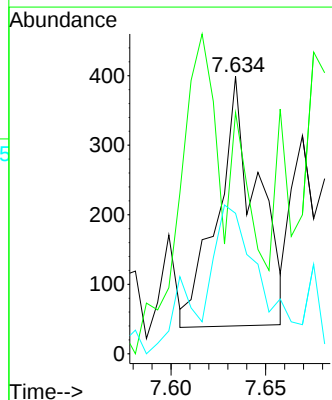
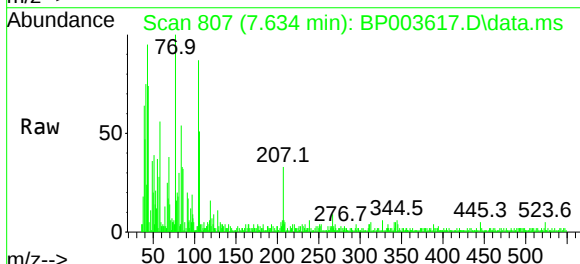
Instrument :
BNA_P
ClientSampleId :
SHELL-L15-L14

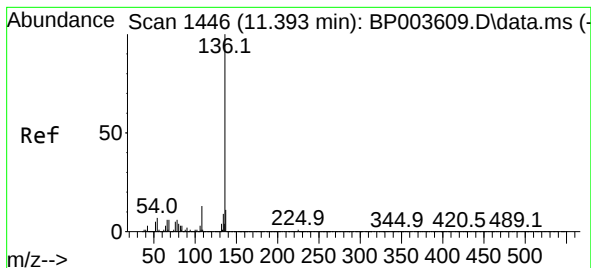
Tgt Ion: 99 Resp: 102712
Ion Ratio Lower Upper
99 100
42 17.6 8.6 13.0#
71 42.8 23.4 35.2#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.634 min Scan# 807
Delta R.T. 0.000 min
Lab File: BP003617.D
Acq: 14 Oct 2020 20:40

Tgt Ion: 77 Resp: 521
Ion Ratio Lower Upper
77 100
105 87.0 97.1 137.1#
106 50.6 93.7 133.7#

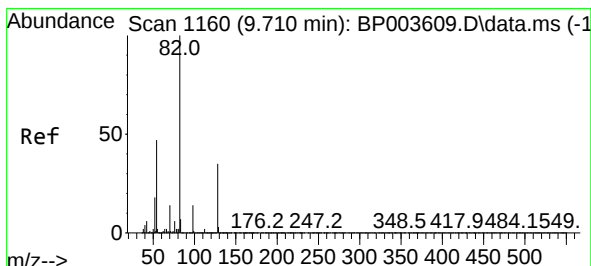
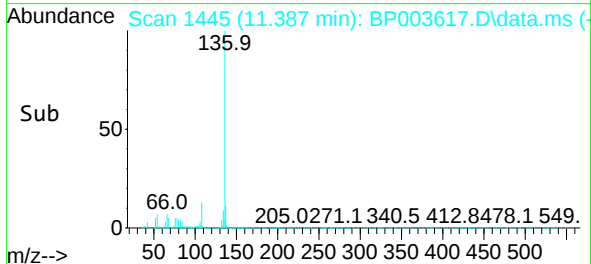
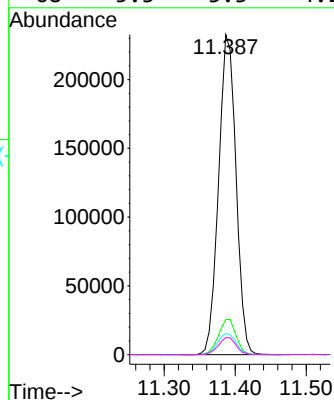
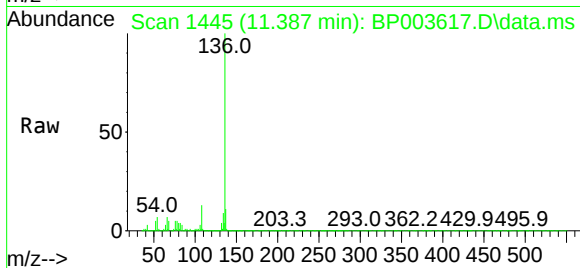




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.387 min Scan# 1445
Delta R.T. -0.006 min
Lab File: BP003617.D
Acq: 14 Oct 2020 20:40

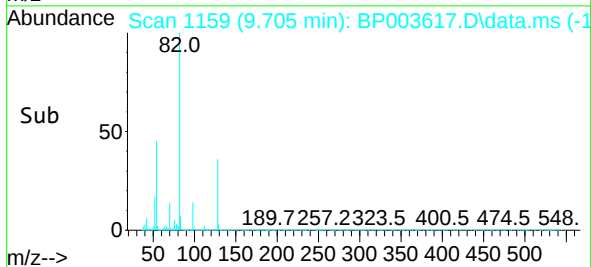
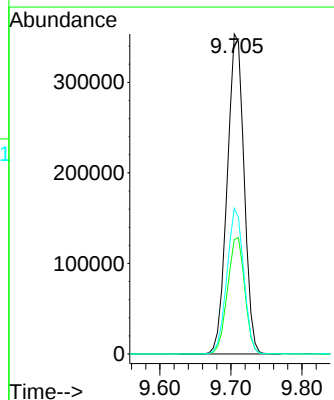
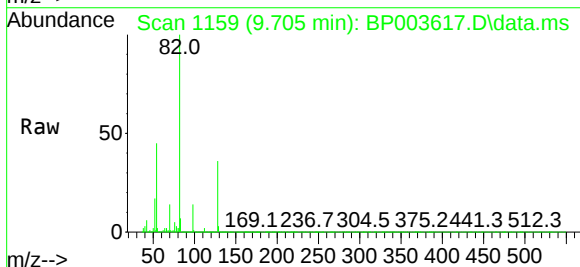
Instrument :
BNA_P
ClientSampleId :
SHELL-L15-L14

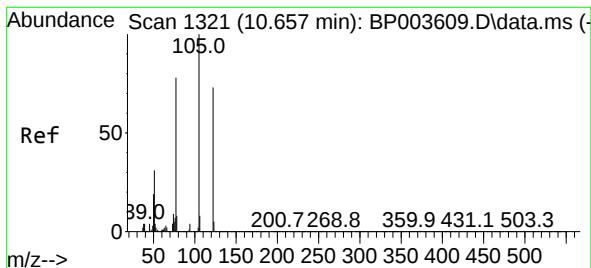
Tgt Ion:	136	Resp:	395117
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.6	13.0
54	6.7	3.6	5.4#
68	5.3	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 68.39 ng
RT: 9.705 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BP003617.D
Acq: 14 Oct 2020 20:40

Tgt Ion:	82	Resp:	582820
Ion Ratio	Lower	Upper	
82	100		
128	35.8	45.6	68.4#
54	45.5	30.1	45.1#

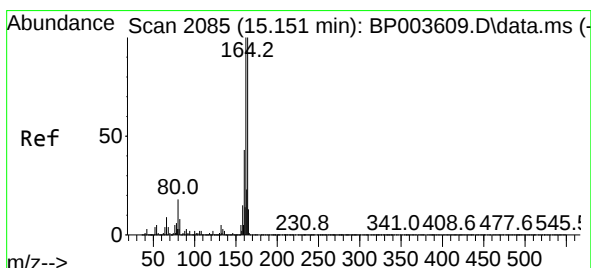
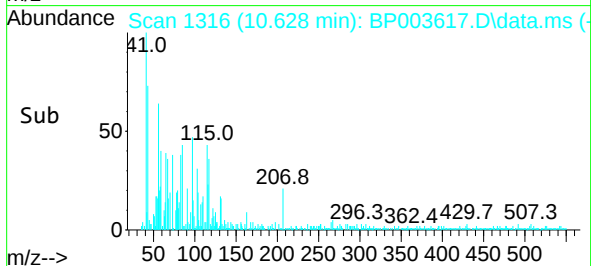
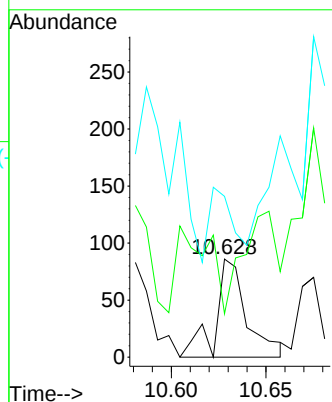
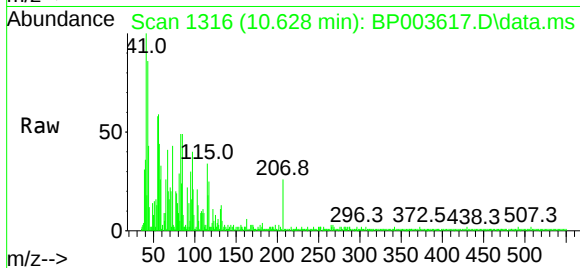




#32
Benzoic acid
Concen: 6.45 ng
RT: 10.628 min Scan# 1316
Delta R.T. -0.029 min
Lab File: BP003617.D
Acq: 14 Oct 2020 20:40

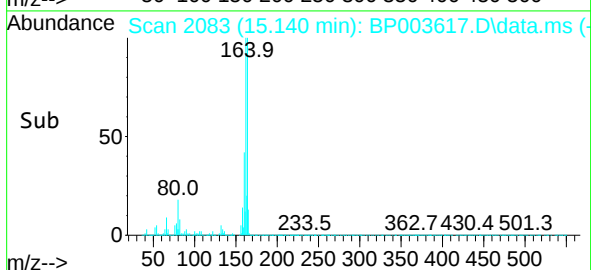
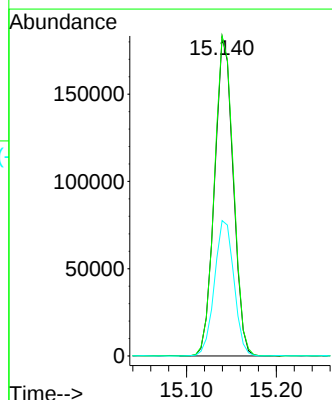
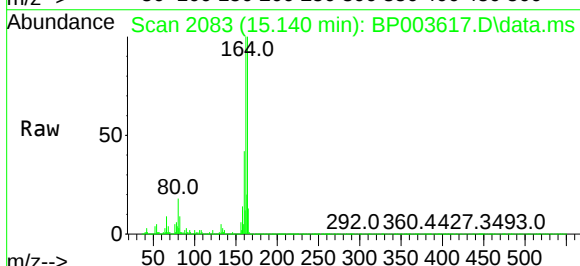
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ClientSampleId :
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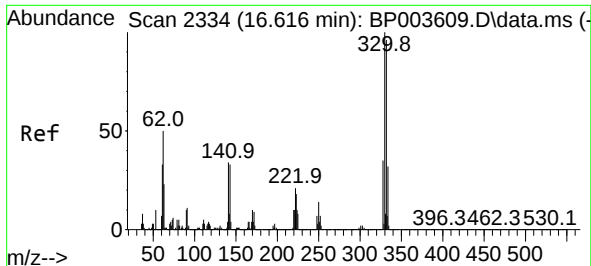
Tgt Ion:	122	Resp:	99
Ion	Ratio	Lower	Upper
122	100		
105	44.2	94.1	134.1#
77	164.0	50.1	90.1#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.140 min Scan# 2083
Delta R.T. -0.011 min
Lab File: BP003617.D
Acq: 14 Oct 2020 20:40

Tgt Ion:	164	Resp:	264359
Ion	Ratio	Lower	Upper
164	100		
162	100.2	79.4	119.2
160	42.4	36.1	54.1

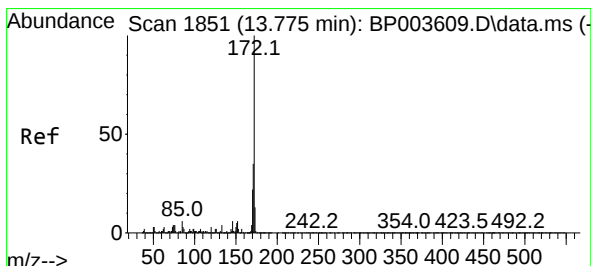
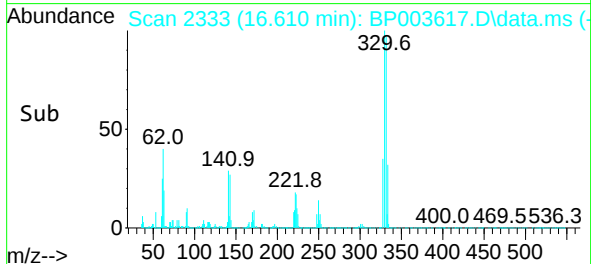
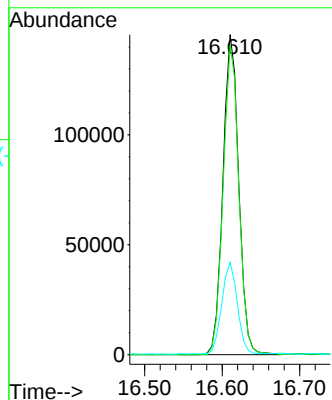
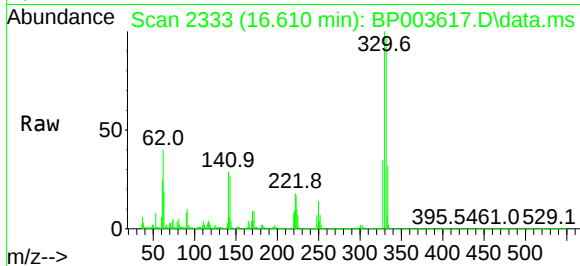




#42
2,4,6-Tribromophenol
Concen: 58.33 ng
RT: 16.610 min Scan# 2333
Delta R.T. -0.006 min
Lab File: BP003617.D
Acq: 14 Oct 2020 20:40

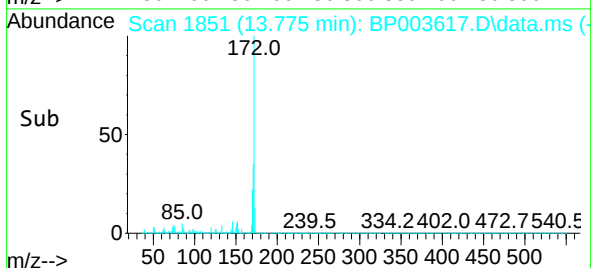
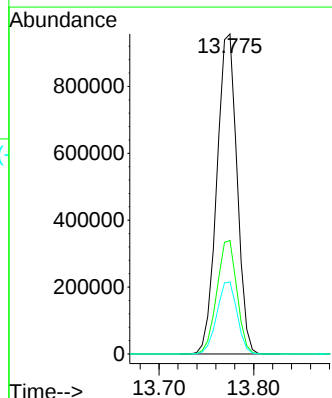
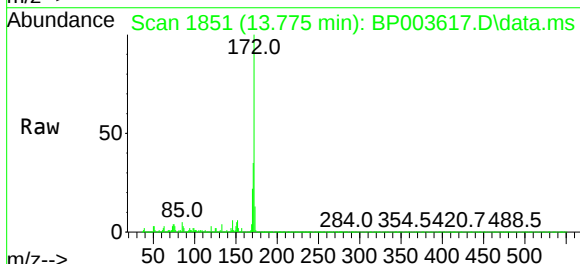
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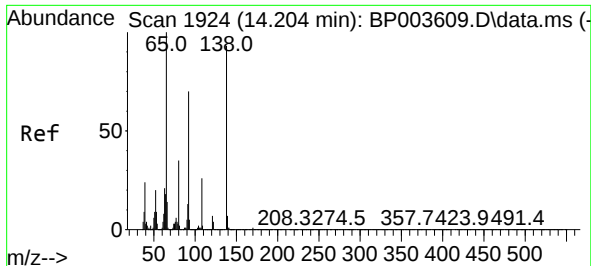
Tgt Ion:330 Resp: 205572
Ion Ratio Lower Upper
330 100
332 95.7 77.1 115.7
141 28.3 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 70.32 ng
RT: 13.775 min Scan# 1851
Delta R.T. 0.000 min
Lab File: BP003617.D
Acq: 14 Oct 2020 20:40

Tgt Ion:172 Resp: 1416994
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 22.5 19.2 28.8

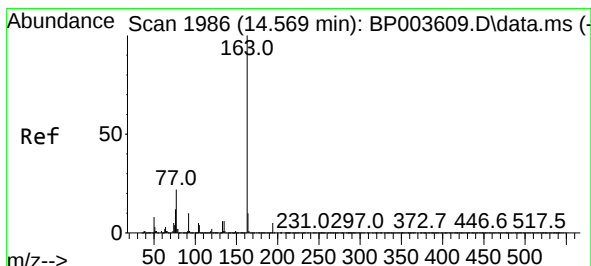
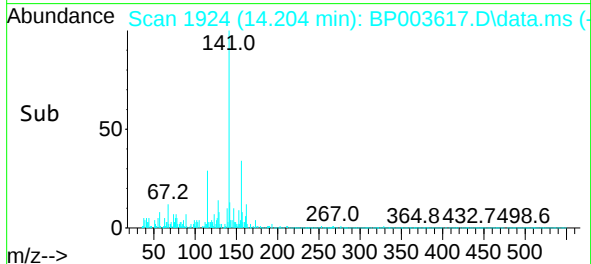
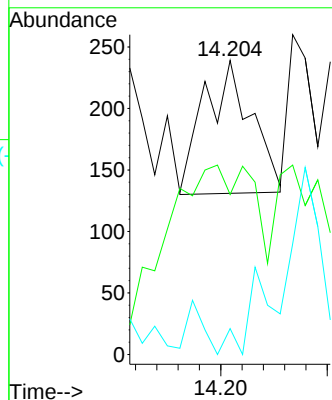
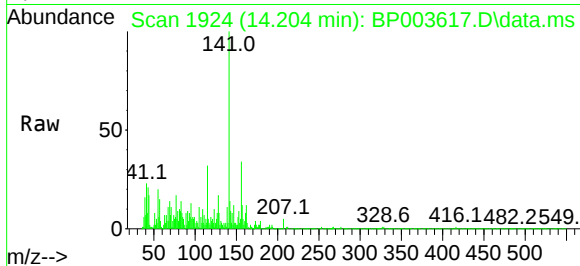




#48
2-Nitroaniline
Concen: 4.21 ng
RT: 14.204 min Scan# 1924
Delta R.T. 0.000 min
Lab File: BP003617.D
Acq: 14 Oct 2020 20:40

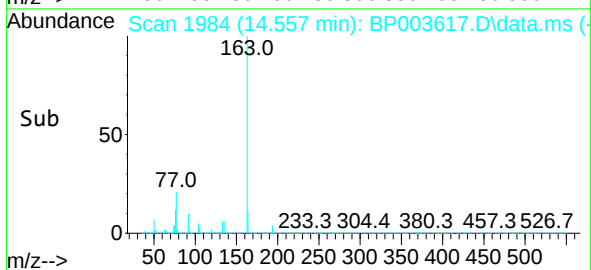
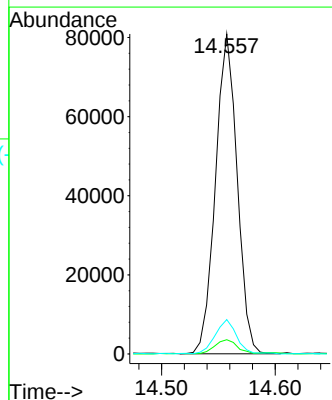
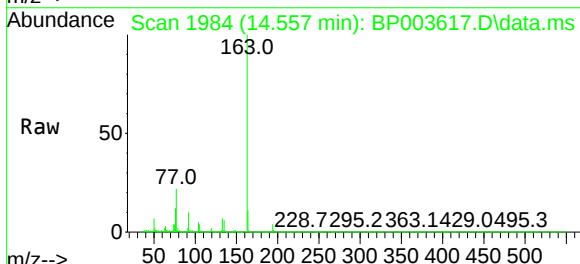
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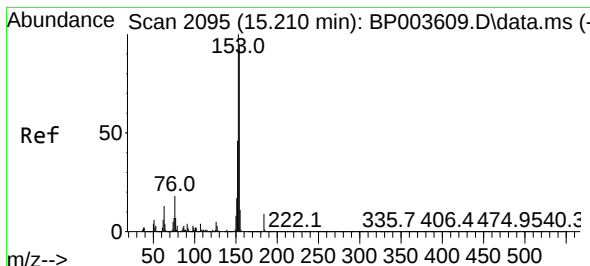
Tgt Ion: 65 Resp: 166
Ion Ratio Lower Upper
65 100
92 54.4 70.6 106.0#
138 8.8 133.6 200.4#



#50
Dimethylphthalate
Concen: 4.94 ng
RT: 14.557 min Scan# 1984
Delta R.T. -0.012 min
Lab File: BP003617.D
Acq: 14 Oct 2020 20:40

Tgt Ion: 163 Resp: 107167
Ion Ratio Lower Upper
163 100
194 4.5 3.3 4.9
164 10.8 8.2 12.2

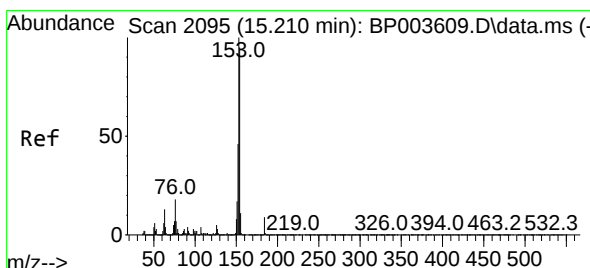
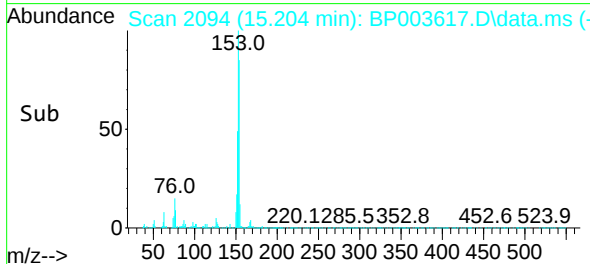
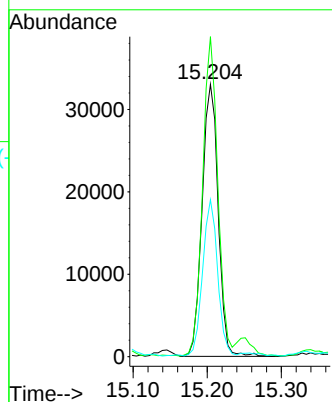
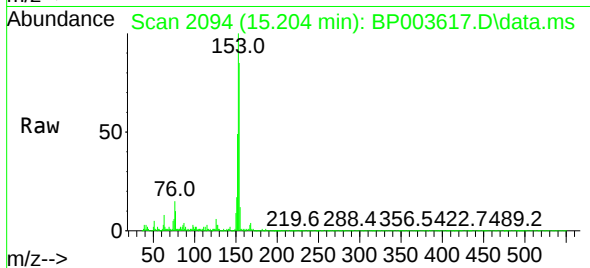




#52
Acenaphthene
Concen: 3.08 ng
RT: 15.204 min Scan# 2094
Delta R.T. -0.006 min
Lab File: BP003617.D
Acq: 14 Oct 2020 20:40

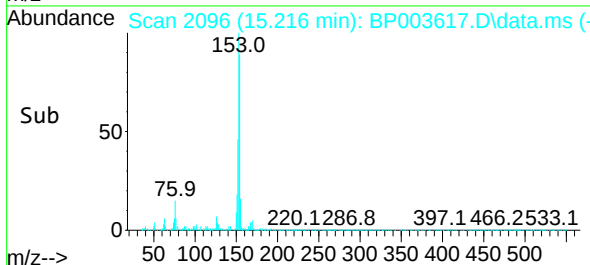
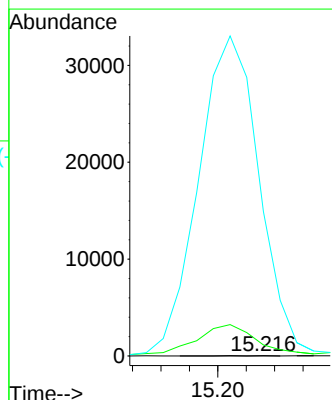
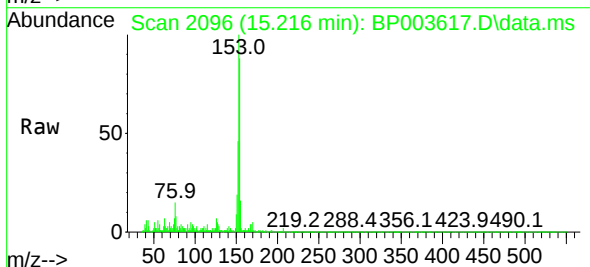
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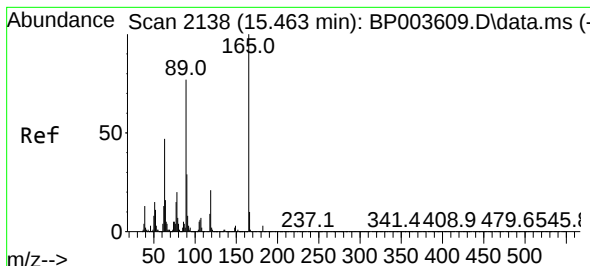
Tgt Ion:154 Resp: 49736
Ion Ratio Lower Upper
154 100
153 117.5 91.0 136.6
152 57.6 43.0 64.6



#54
2,4-Dinitrophenol
Concen: 2.13 ng
RT: 15.216 min Scan# 2096
Delta R.T. 0.006 min
Lab File: BP003617.D
Acq: 14 Oct 2020 20:40

Tgt Ion:184 Resp: 29
Ion Ratio Lower Upper
184 100
63 3373.5 32.3 48.5#
154 43888.2 49.1 73.7#

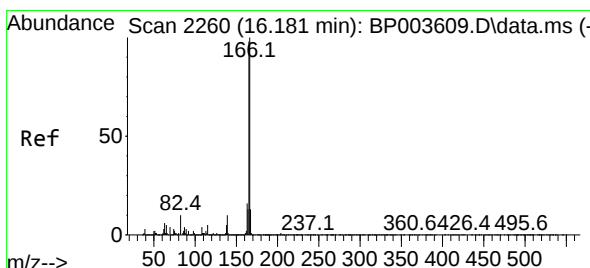
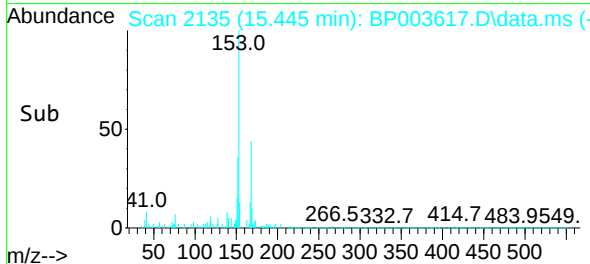
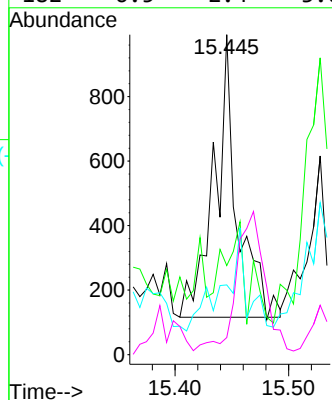
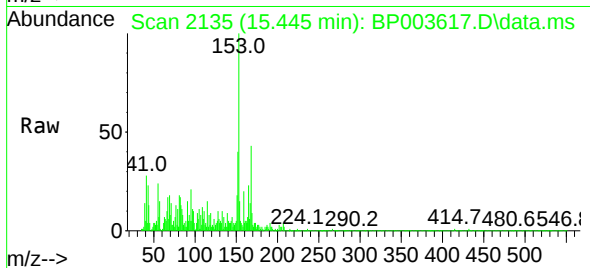




#57
2,4-Dinitrotoluene
Concen: 3.76 ng
RT: 15.445 min Scan# 2135
Delta R.T. -0.018 min
Lab File: BP003617.D
Acq: 14 Oct 2020 20:40

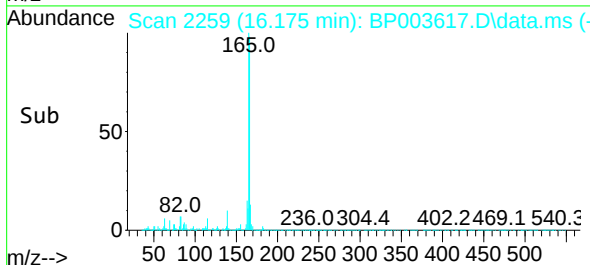
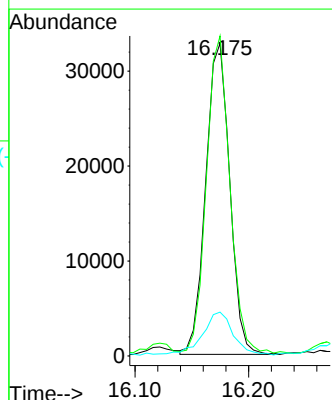
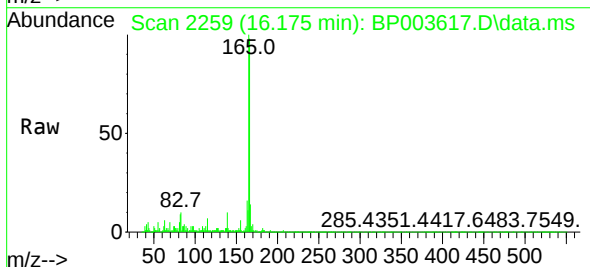
Instrument :
BNA_P
ClientSampleId :
SHELL-L15-L14

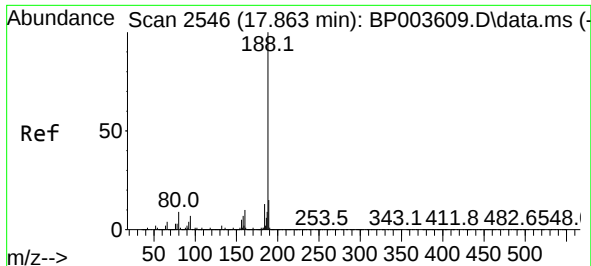
Tgt Ion:165	Resp:	1235
Ion Ratio	Lower	Upper
165	100	
63	27.8	20.6 31.0
89	21.8	42.6 63.8#
182	6.5	2.4 3.6#



#58
Fluorene
Concen: 2.37 ng
RT: 16.175 min Scan# 2259
Delta R.T. -0.006 min
Lab File: BP003617.D
Acq: 14 Oct 2020 20:40

Tgt Ion:166	Resp:	48089
Ion Ratio	Lower	Upper
166	100	
165	102.4	77.8 116.8
167	14.0	11.0 16.4

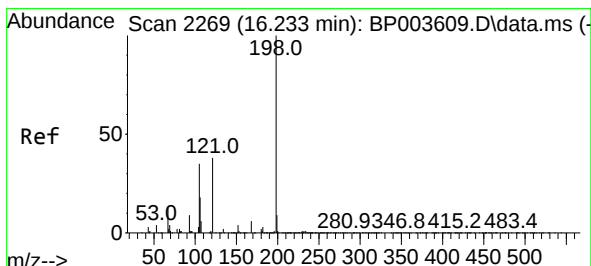
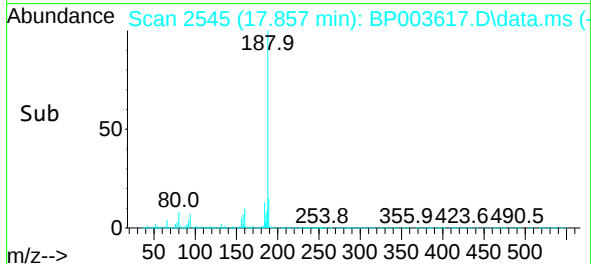
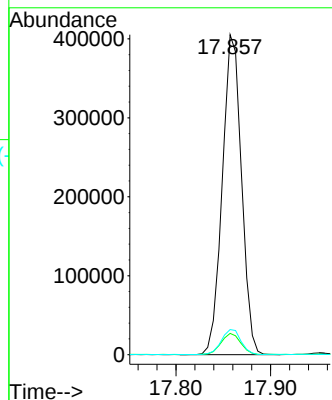
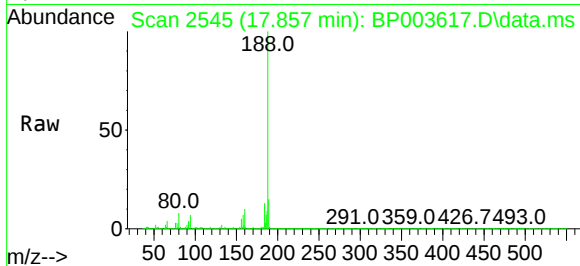




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.857 min Scan# 2545
Delta R.T. -0.006 min
Lab File: BP003617.D
Acq: 14 Oct 2020 20:40

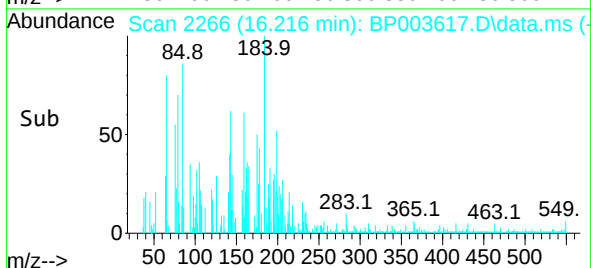
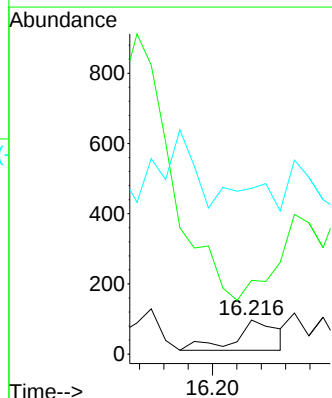
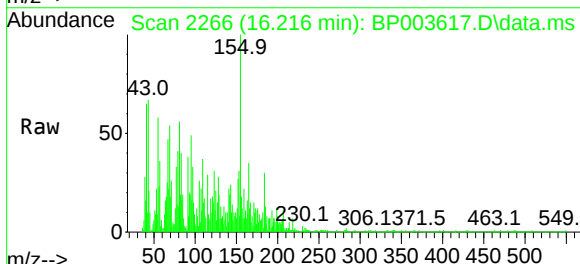
Instrument :
BNA_P
ClientSampleId :
SHELL-L15-L14

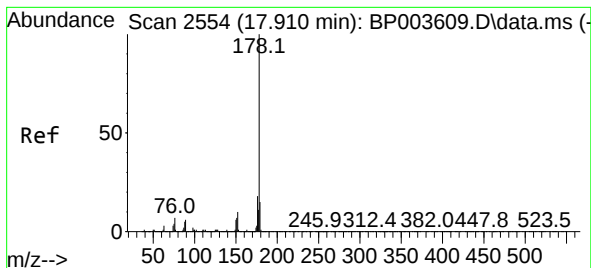
Tgt Ion:188 Resp: 571042
Ion Ratio Lower Upper
188 100
94 6.7 6.2 9.2
80 7.9 6.2 9.2



#65
4,6-Dinitro-2-methylphenol
Concen: 7.41 ng
RT: 16.216 min Scan# 2266
Delta R.T. -0.017 min
Lab File: BP003617.D
Acq: 14 Oct 2020 20:40

Tgt Ion:198 Resp: 104
Ion Ratio Lower Upper
198 100
51 216.5 6.4 46.4#
105 486.6 18.9 58.9#

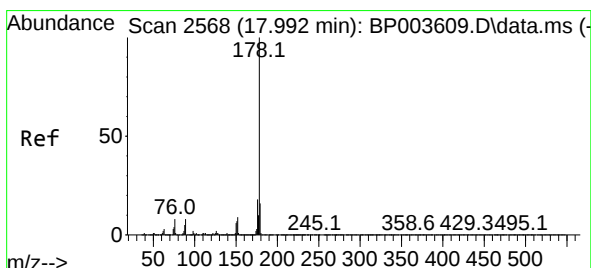
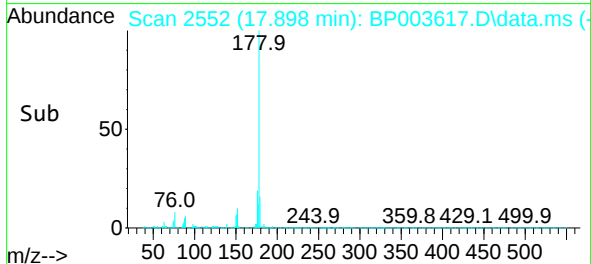
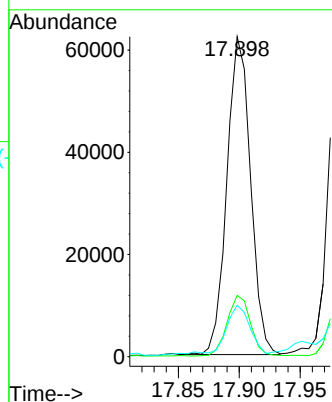
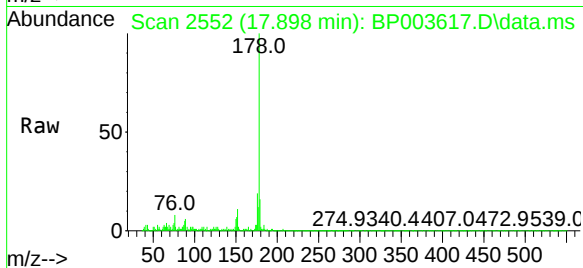




#71
Phenanthrene
Concen: 2.65 ng
RT: 17.898 min Scan# 2552
Delta R.T. -0.012 min
Lab File: BP003617.D
Acq: 14 Oct 2020 20:40

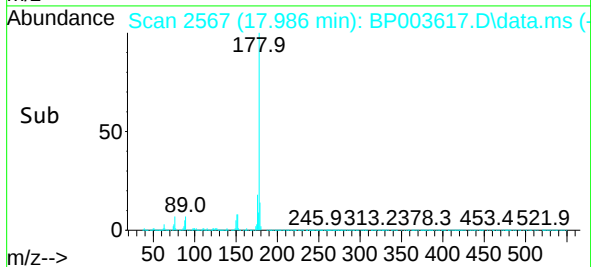
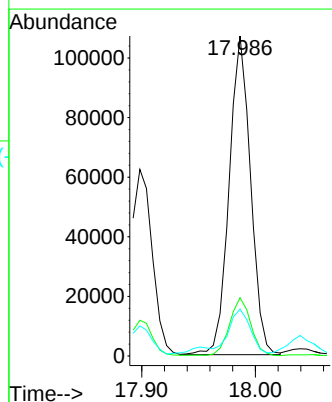
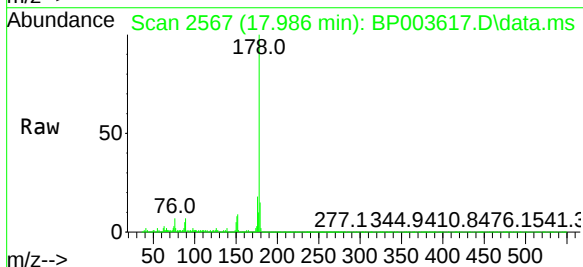
Instrument :
BNA_P
ClientSampleId :
SHELL-L15-L14

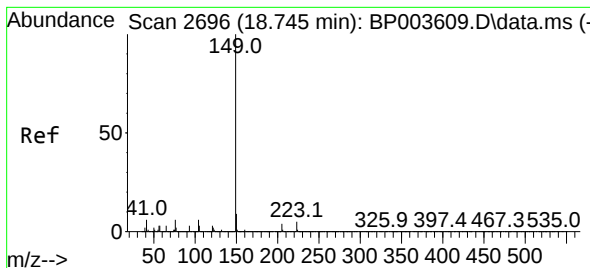
Tgt Ion:178 Resp: 84054
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 16.1 12.5 18.7



#72
Anthracene
Concen: 4.53 ng
RT: 17.986 min Scan# 2567
Delta R.T. -0.006 min
Lab File: BP003617.D
Acq: 14 Oct 2020 20:40

Tgt Ion:178 Resp: 140194
Ion Ratio Lower Upper
178 100
176 18.2 15.0 22.4
179 14.6 12.5 18.7

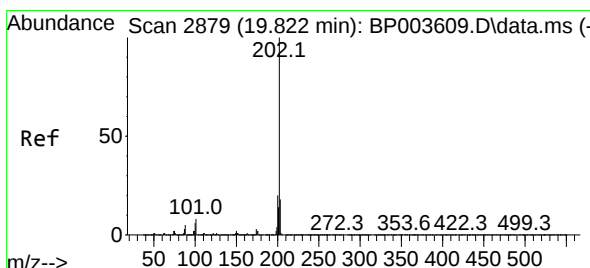
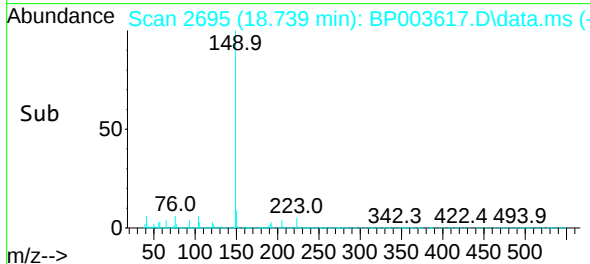
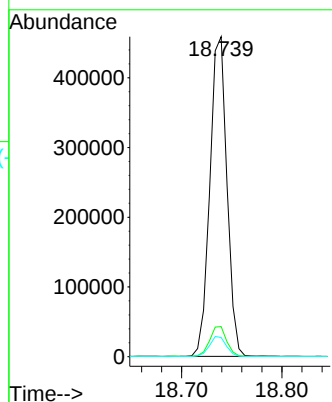
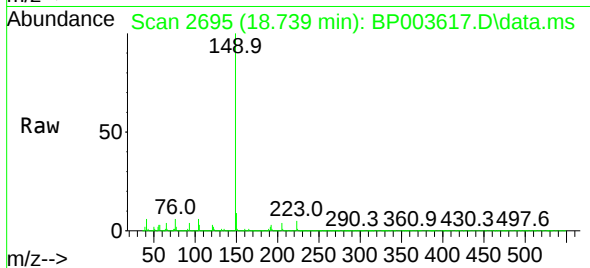




#74
Di-n-butylphthalate
Concen: 15.91 ng
RT: 18.739 min Scan# 2695
Delta R.T. -0.006 min
Lab File: BP003617.D
Acq: 14 Oct 2020 20:40

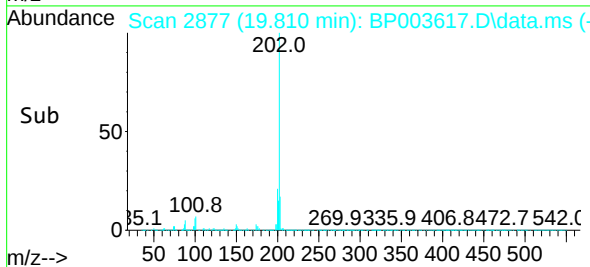
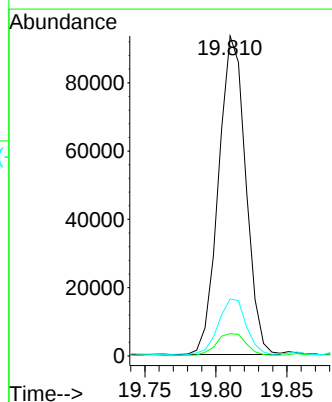
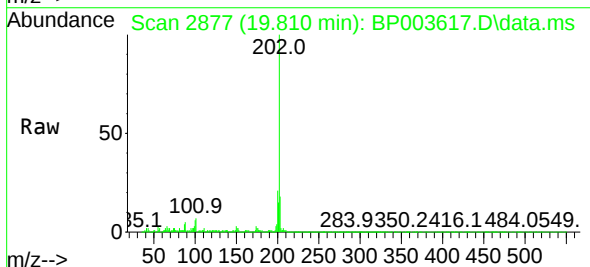
Instrument :
BNA_P
ClientSampleId :
SHELL-L15-L14

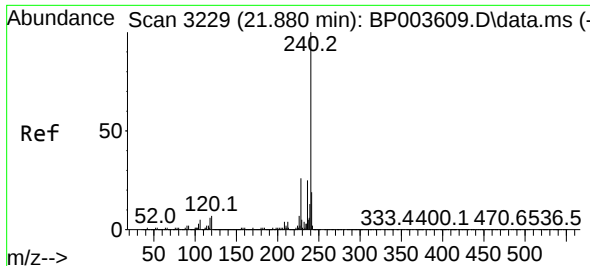
Tgt Ion:149 Resp: 541668
Ion Ratio Lower Upper
149 100
150 9.4 7.3 10.9
104 6.0 3.4 5.0#



#75
Fluoranthene
Concen: 3.15 ng
RT: 19.810 min Scan# 2877
Delta R.T. -0.012 min
Lab File: BP003617.D
Acq: 14 Oct 2020 20:40

Tgt Ion:202 Resp: 123819
Ion Ratio Lower Upper
202 100
101 7.0 0.0 29.4
203 17.8 0.0 37.8

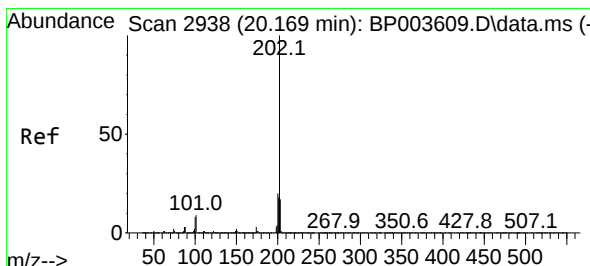
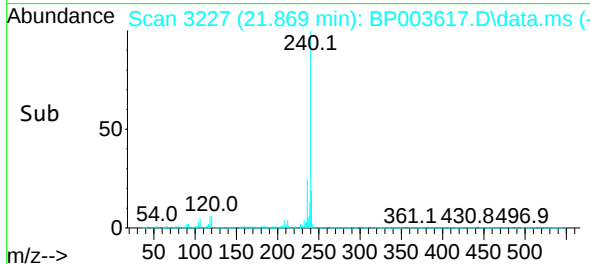
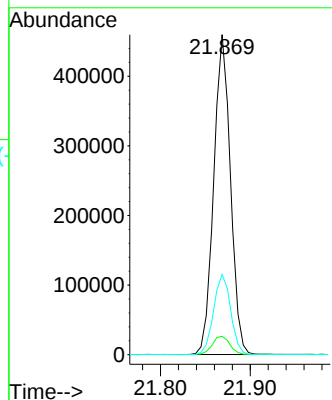
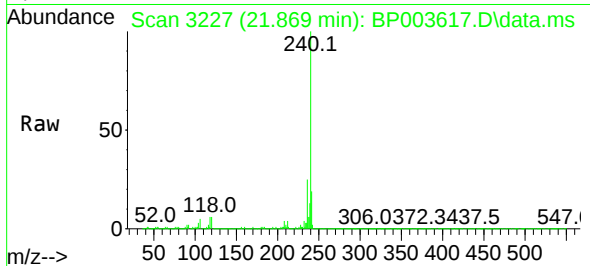




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.869 min Scan# 3227
Delta R.T. -0.012 min
Lab File: BP003617.D
Acq: 14 Oct 2020 20:40

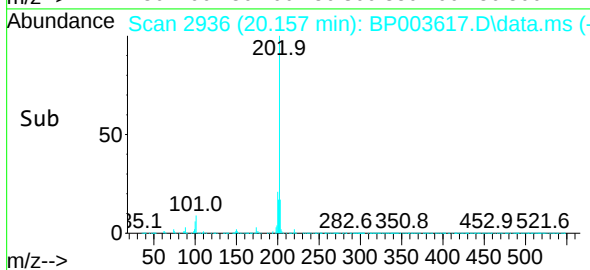
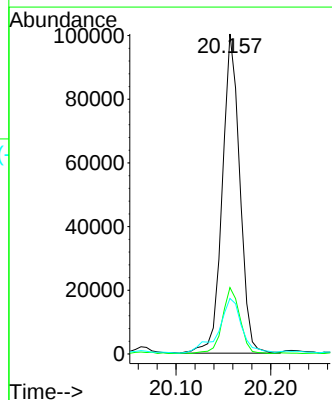
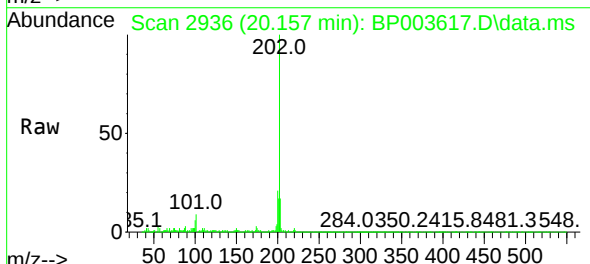
Instrument :
BNA_P
ClientSampleId :
SHELL-L15-L14

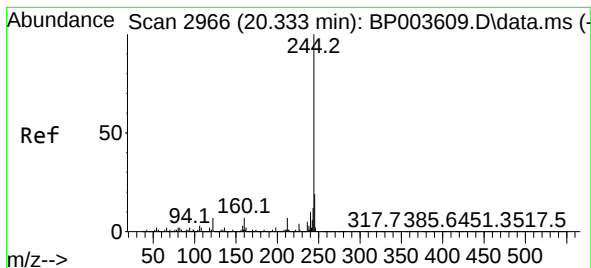
Tgt Ion:240 Resp: 594295
Ion Ratio Lower Upper
240 100
120 5.8 7.8 11.6#
236 25.0 20.8 31.2



#78
Pyrene
Concen: 3.27 ng
RT: 20.157 min Scan# 2936
Delta R.T. -0.012 min
Lab File: BP003617.D
Acq: 14 Oct 2020 20:40

Tgt Ion:202 Resp: 129051
Ion Ratio Lower Upper
202 100
200 20.7 17.1 25.7
203 17.4 14.2 21.2





#79

Terphenyl-d14

Concen: 65.97 ng

RT: 20.328 min Scan# 2965

Delta R.T. -0.006 min

Lab File: BP003617.D

Acq: 14 Oct 2020 20:40

Tgt Ion:244 Resp: 2166933

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

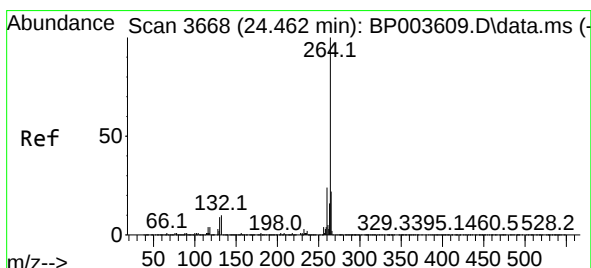
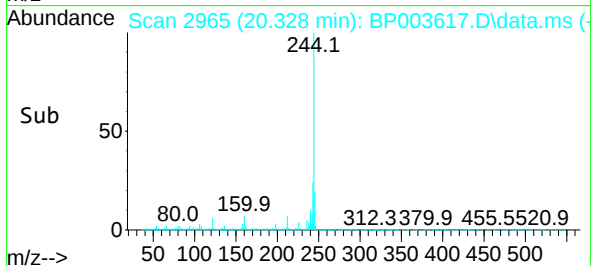
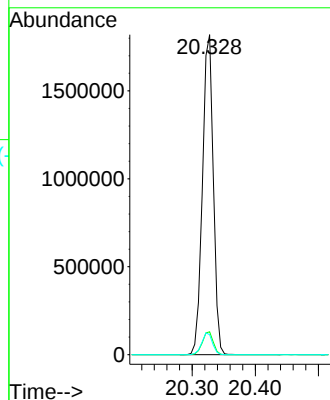
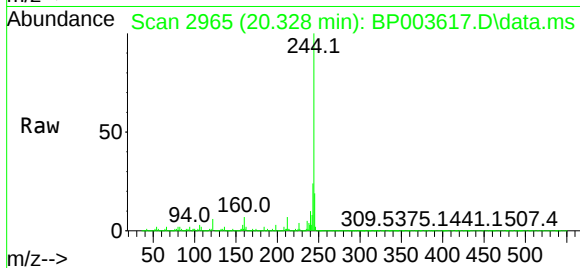
122 6.3 7.8 11.8#

Instrument :

BNA_P

ClientSampleId :

SHELL-L15-L14



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.451 min Scan# 3666

Delta R.T. -0.012 min

Lab File: BP003617.D

Acq: 14 Oct 2020 20:40

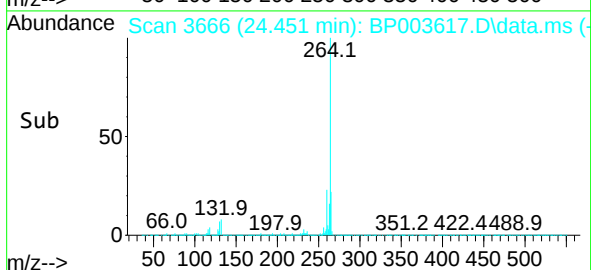
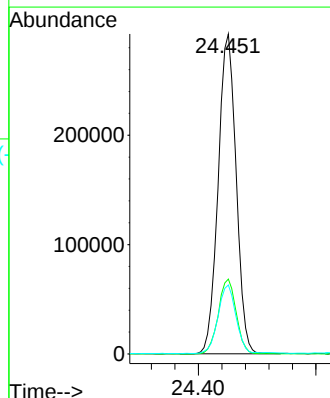
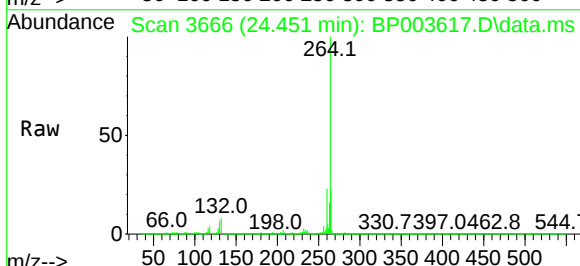
Tgt Ion:264 Resp: 620032

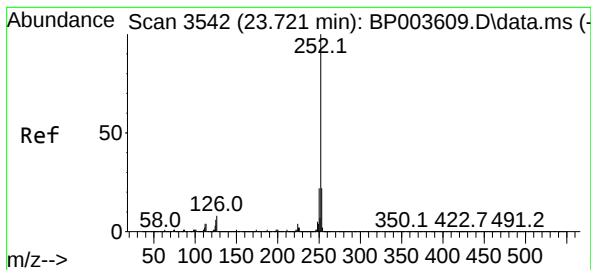
Ion Ratio Lower Upper

264 100

260 23.4 18.8 28.2

265 21.6 17.4 26.2





#89

Benzo(k)fluoranthene

Concen: 2.01 ng

RT: 23.657 min Scan# 3531

Delta R.T. -0.065 min

Lab File: BP003617.D

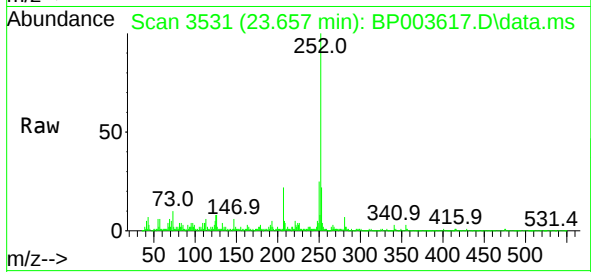
Acq: 14 Oct 2020 20:40

Instrument :

BNA_P

ClientSampleId :

SHELL-L15-L14



Tgt Ion:252 Resp: 81362

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

125 7.5 7.4 11.2

