

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100421\
 Data File : BM032322.D
 Acq On : 04 Oct 2021 14:20
 Operator : CG/JU
 Sample : M3702-06DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PT-ACIDS-WPDL

Quant Time: Oct 04 14:50:05 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 01 18:34:58 2021
 Response via : Initial Calibration

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

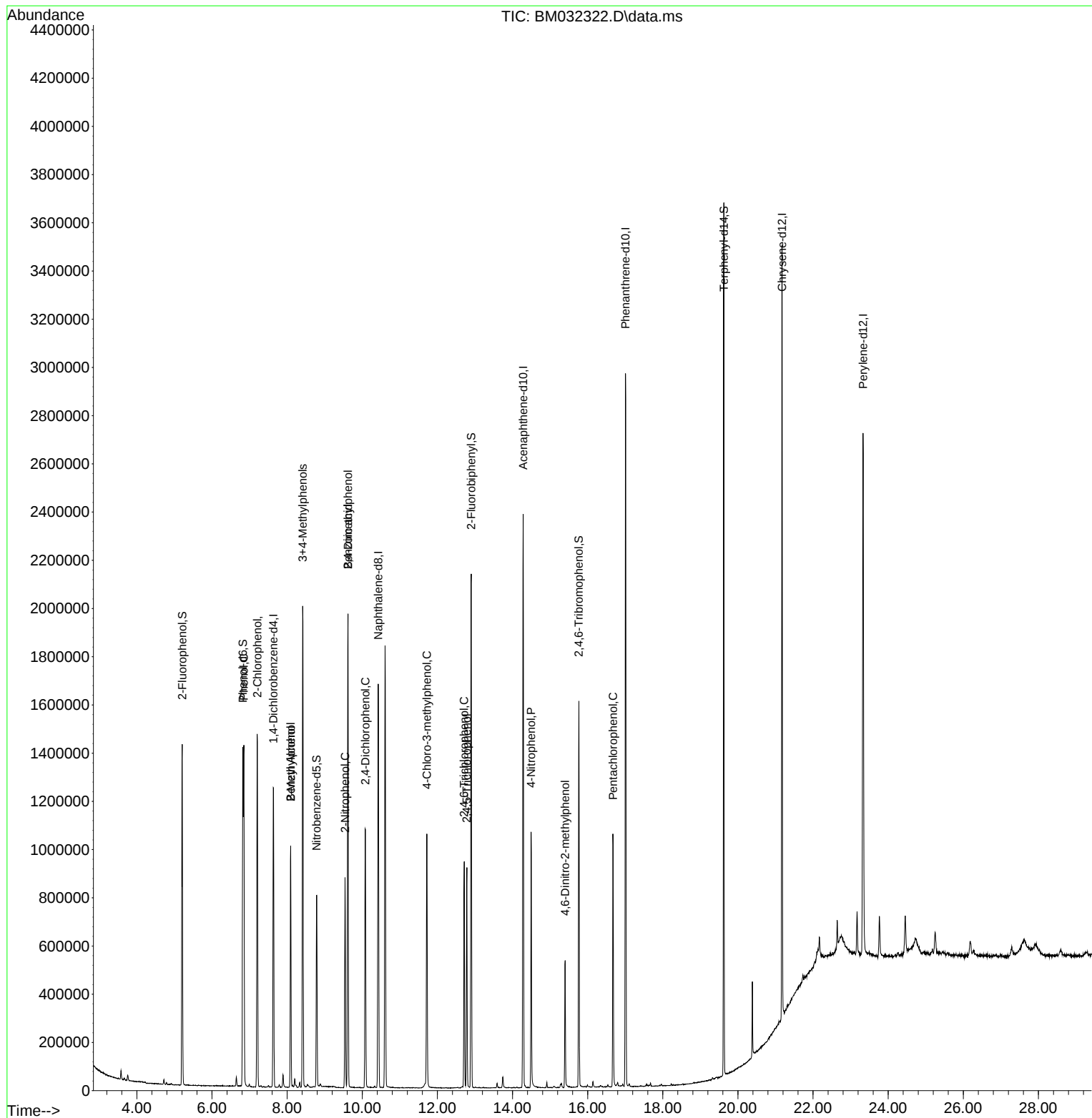
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.637	152	329868	20.000	ng	0.00
21) Naphthalene-d8	10.425	136	1294720	20.000	ng	# 0.00
39) Acenaphthene-d10	14.283	164	789297	20.000	ng	0.00
64) Phenanthrene-d10	17.007	188	1629321	20.000	ng	# 0.00
76) Chrysene-d12	21.177	240	1479036	20.000	ng	0.00
86) Perylene-d12	23.330	264	1381939	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.207	112	598572	30.574	ng	0.00
7) Phenol-d6	6.819	99	752369	28.102	ng	-0.01
23) Nitrobenzene-d5	8.784	82	425059	18.259	ng	-0.02
42) 2,4,6-Tribromophenol	15.765	330	244336	27.652	ng	0.00
45) 2-Fluorobiphenyl	12.901	172	1065426	20.070	ng	0.00
79) Terphenyl-d14	19.624	244	1539814	21.926	ng	0.00
Target Compounds						Qvalue
8) 2-Chlorophenol	7.207	128	631023	29.573	ng	91
10) Phenol	6.848	94	722342	28.021	ng	82
15) Benzyl Alcohol	8.095	79	126152	6.880	ng	# 1
17) 2-Methylphenol	8.095	107	282302	16.205	ng	# 90
20) 3+4-Methylphenols	8.413	107	854021	36.338	ng	86
26) 2-Nitrophenol	9.542	139	250133	23.944	ng	# 75
27) 2,4-Dimethylphenol	9.619	122	547204	31.049	ng	93
29) 2,4-Dichlorophenol	10.083	162	365993	18.645	ng	95
32) Benzoic acid	9.619	122	547204	41.794	ng	# 4
36) 4-Chloro-3-methylphenol	11.719	107	338315	16.009	ng	96
43) 2,4,6-Trichlorophenol	12.713	196	196726	12.505	ng	95
44) 2,4,5-Trichlorophenol	12.783	196	213982	12.654	ng	# 91
56) 4-Nitrophenol	14.495	139	230457	22.027	ng	# 71
65) 4,6-Dinitro-2-methylph...	15.401	198	97811	10.666	ng	# 78
70) Pentachlorophenol	16.677	266	160654	13.944	ng	98

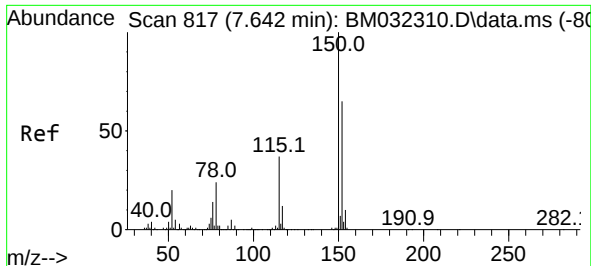
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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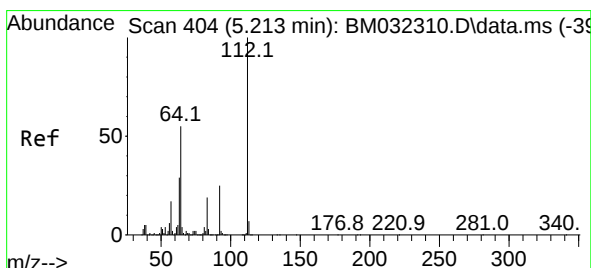
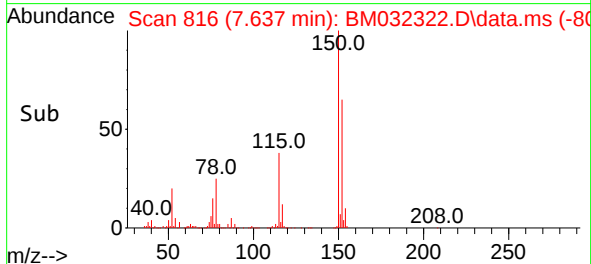
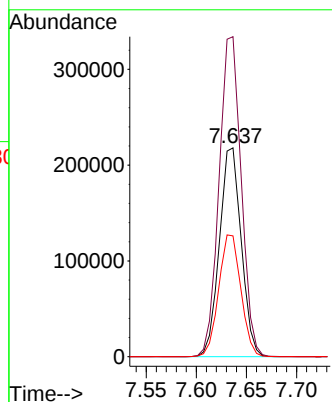
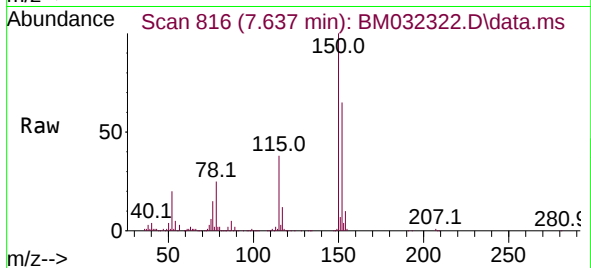




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.637 min Scan# 816
Delta R.T. -0.005 min
Lab File: BM032322.D
Acq: 04 Oct 2021 14:20

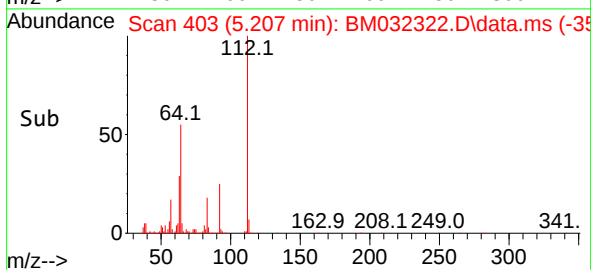
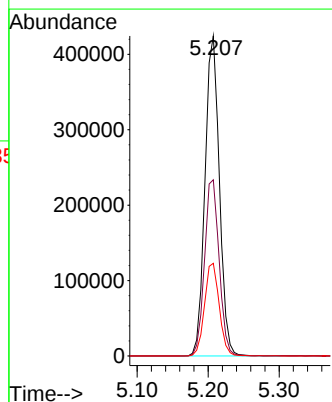
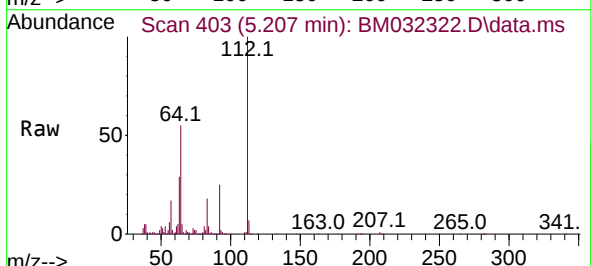
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BNA_M
ClientSampleId :
PT-ACIDS-WPDL

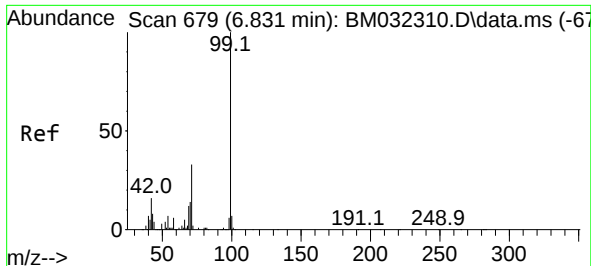
Tgt Ion:152 Resp: 329868
Ion Ratio Lower Upper
152 100
150 153.2 122.4 183.6
115 57.8 53.8 80.8



#5
2-Fluorophenol
Concen: 30.574 ng
RT: 5.207 min Scan# 403
Delta R.T. -0.006 min
Lab File: BM032322.D
Acq: 04 Oct 2021 14:20

Tgt Ion:112 Resp: 598572
Ion Ratio Lower Upper
112 100
64 55.1 53.7 80.5
63 28.9 33.9 50.9#

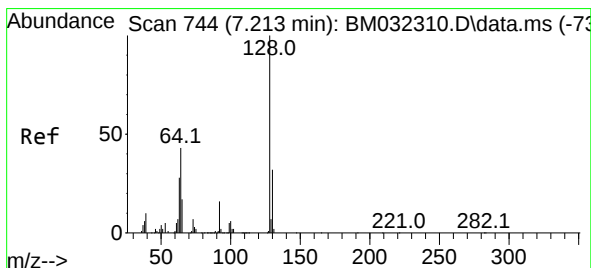
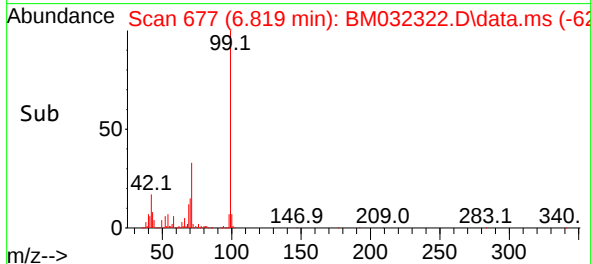
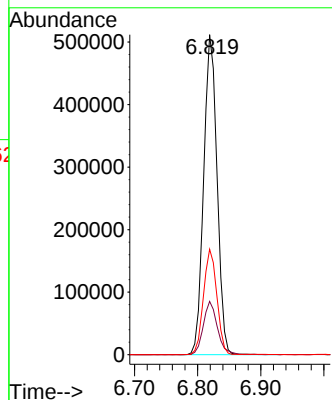
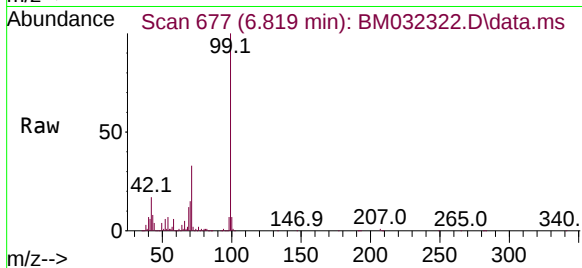




#7
Phenol-d6
Concen: 28.102 ng
RT: 6.819 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM032322.D
Acq: 04 Oct 2021 14:20

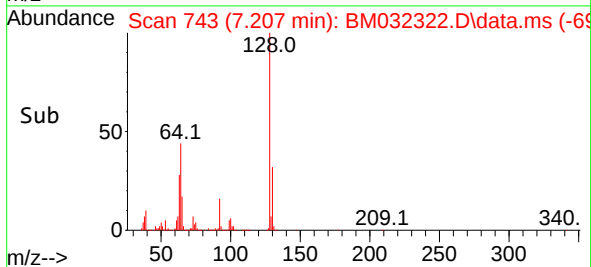
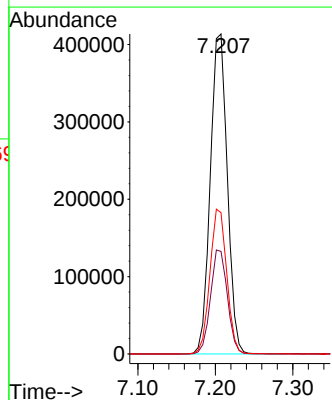
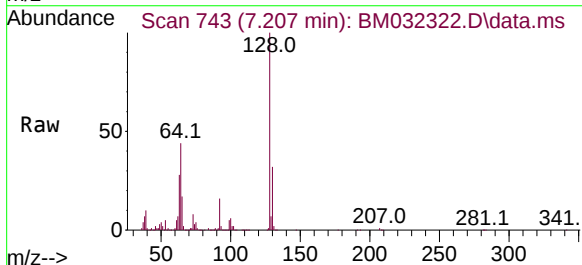
Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WPDL

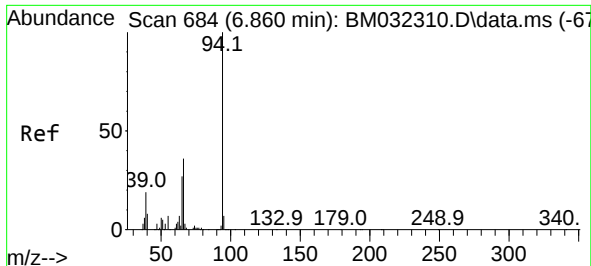
Tgt Ion: 99 Resp: 752369
Ion Ratio Lower Upper
99 100
42 16.7 23.0 34.6#
71 32.9 37.8 56.8#



#8
2-Chlorophenol
Concen: 29.573 ng
RT: 7.207 min Scan# 743
Delta R.T. -0.006 min
Lab File: BM032322.D
Acq: 04 Oct 2021 14:20

Tgt Ion: 128 Resp: 631023
Ion Ratio Lower Upper
128 100
130 32.1 13.0 53.0
64 44.2 33.4 73.4

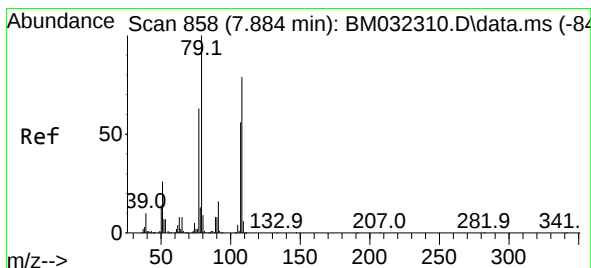
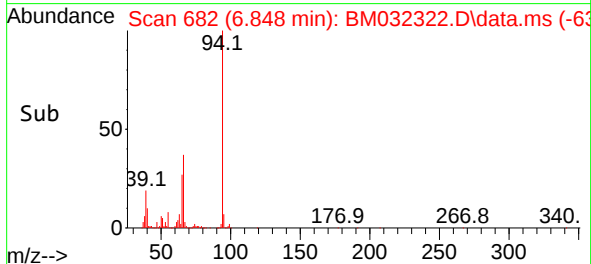
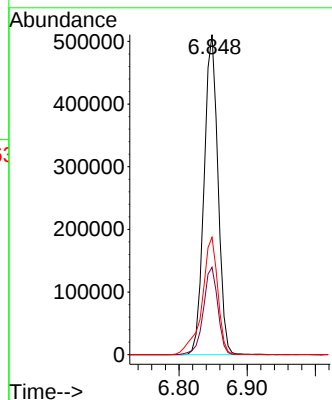
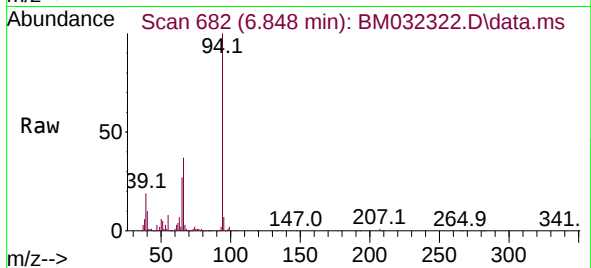




#10
Phenol
Concen: 28.021 ng
RT: 6.848 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM032322.D
Acq: 04 Oct 2021 14:20

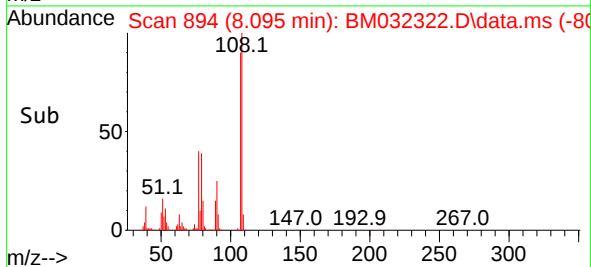
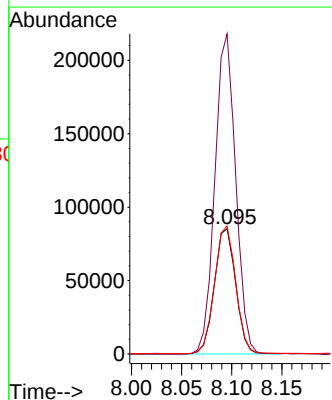
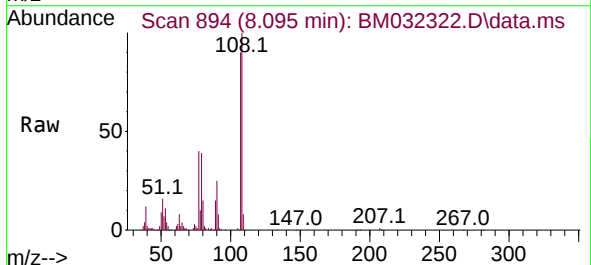
Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WPDL

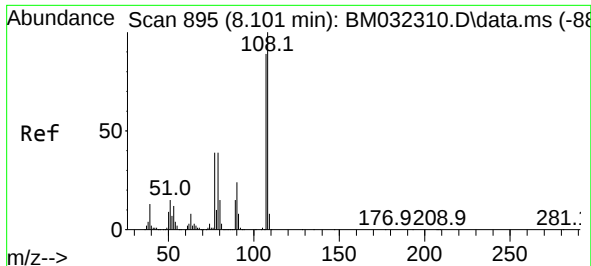
Tgt Ion: 94 Resp: 722342
Ion Ratio Lower Upper
94 100
65 27.3 16.9 56.9
66 36.7 30.0 70.0



#15
Benzyl Alcohol
Concen: 6.880 ng
RT: 8.095 min Scan# 894
Delta R.T. 0.212 min
Lab File: BM032322.D
Acq: 04 Oct 2021 14:20

Tgt Ion: 79 Resp: 126152
Ion Ratio Lower Upper
79 100
108 255.4 53.6 80.4#
77 102.1 57.7 86.5#

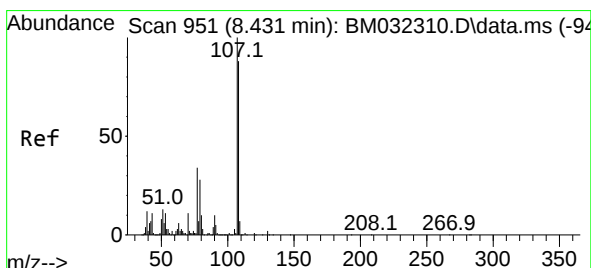
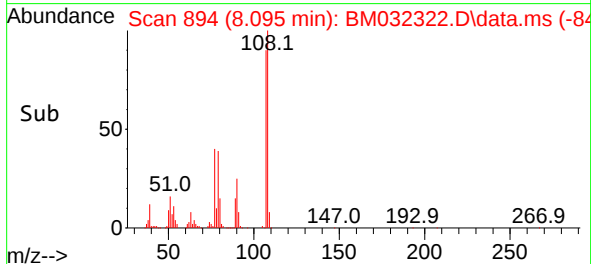
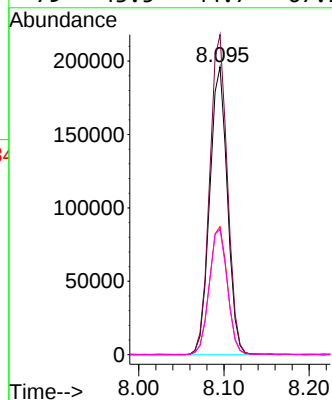
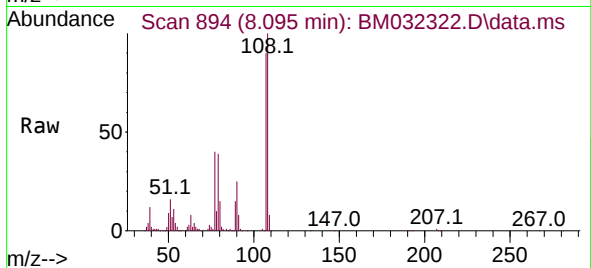




#17
2-Methylphenol
Concen: 16.205 ng
RT: 8.095 min Scan# 895
Delta R.T. -0.006 min
Lab File: BM032322.D
Acq: 04 Oct 2021 14:20

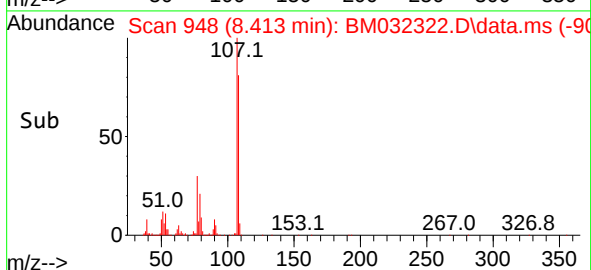
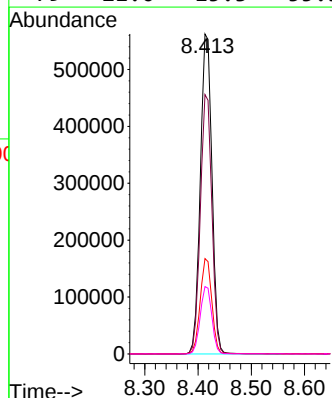
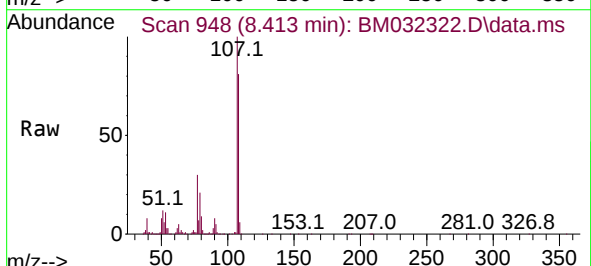
Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WPDL

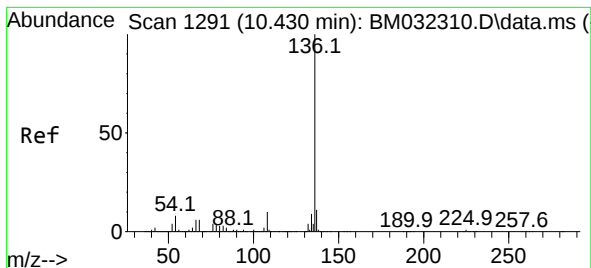
Tgt Ion:107 Resp: 282302
Ion Ratio Lower Upper
107 100
108 111.2 87.9 131.9
77 44.5 48.2 72.2#
79 43.5 44.7 67.1#



#20
3+4-Methylphenols
Concen: 36.338 ng
RT: 8.413 min Scan# 948
Delta R.T. -0.018 min
Lab File: BM032322.D
Acq: 04 Oct 2021 14:20

Tgt Ion:107 Resp: 854021
Ion Ratio Lower Upper
107 100
108 81.1 67.6 107.6
77 29.8 21.9 61.9
79 21.0 15.3 55.3

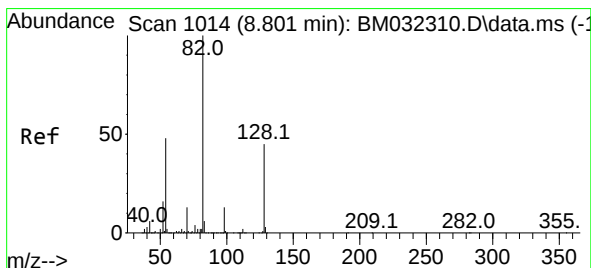
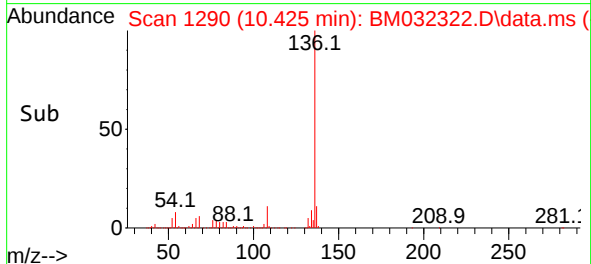
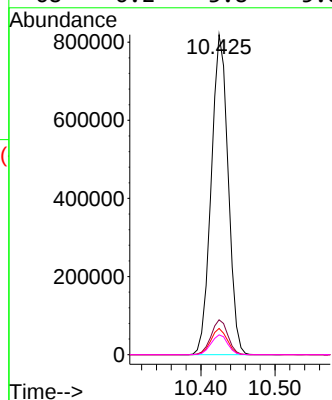
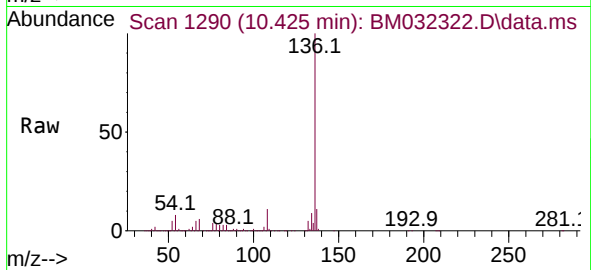




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.425 min Scan# 1011
Delta R.T. -0.005 min
Lab File: BM032322.D
Acq: 04 Oct 2021 14:20

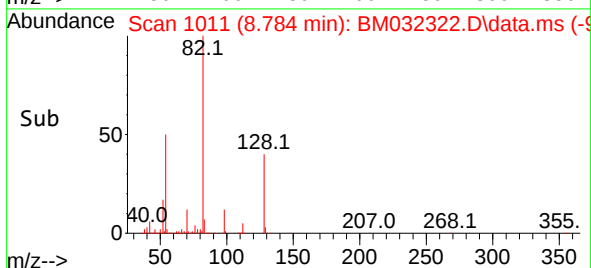
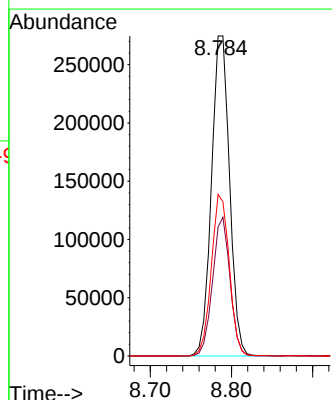
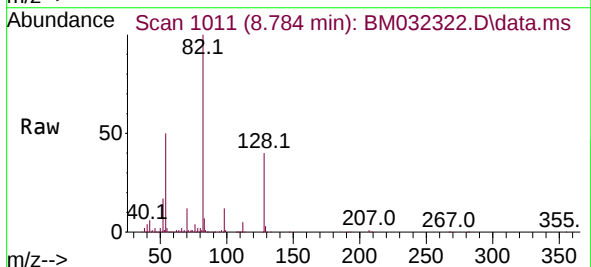
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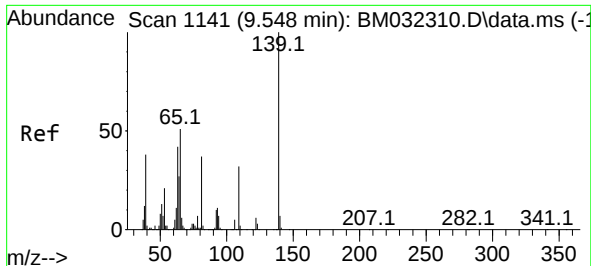
Tgt Ion:136 Resp: 1294720
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 8.2 7.4 11.0
68 6.2 3.8 5.8#



#23
Nitrobenzene-d5
Concen: 18.259 ng
RT: 8.784 min Scan# 1011
Delta R.T. -0.018 min
Lab File: BM032322.D
Acq: 04 Oct 2021 14:20

Tgt Ion: 82 Resp: 425059
Ion Ratio Lower Upper
82 100
128 40.3 29.0 43.6
54 50.4 45.8 68.8

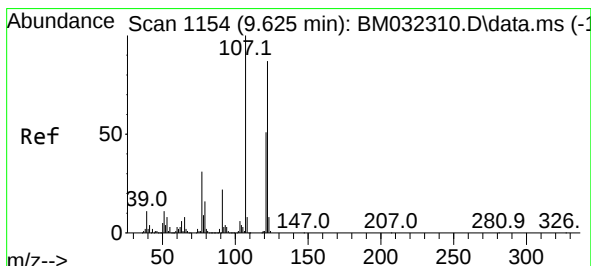
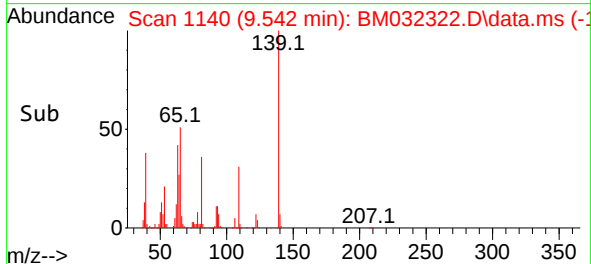
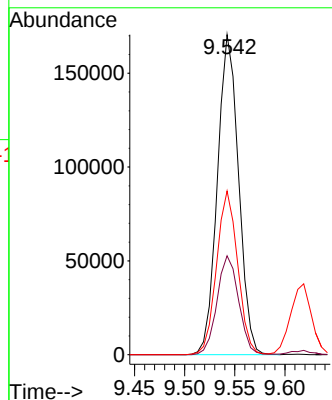
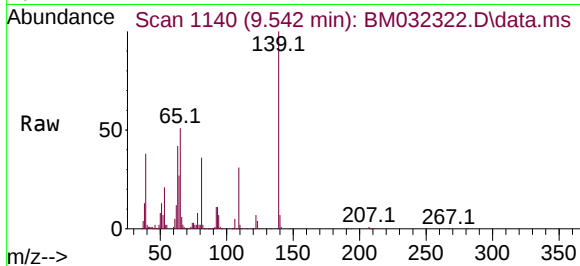




#26
2-Nitrophenol
Concen: 23.944 ng
RT: 9.542 min Scan# 1141
Delta R.T. -0.006 min
Lab File: BM032322.D
Acq: 04 Oct 2021 14:20

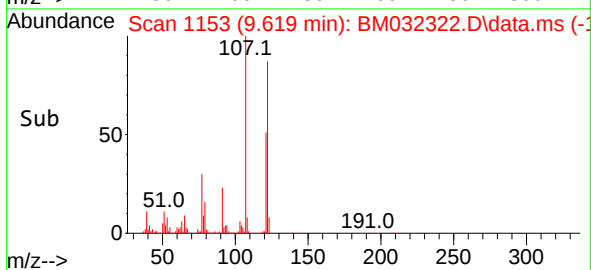
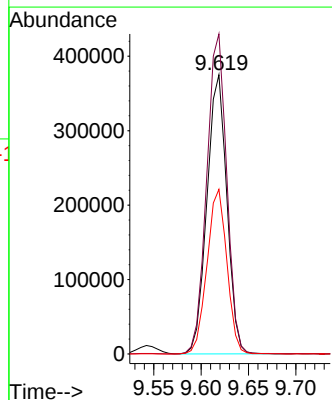
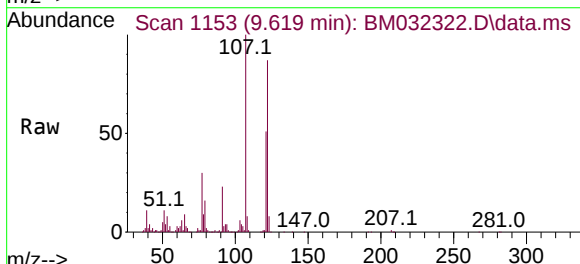
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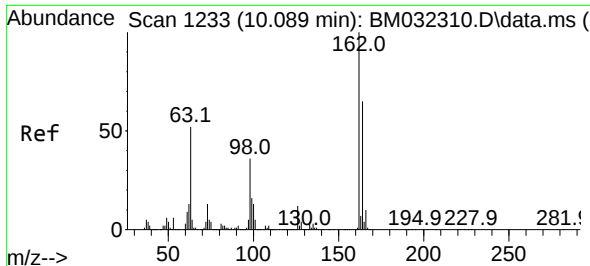
Tgt Ion:139 Resp: 250133
Ion Ratio Lower Upper
139 100
109 30.9 34.8 52.2#
65 51.1 59.9 89.9#



#27
2,4-Dimethylphenol
Concen: 31.049 ng
RT: 9.619 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BM032322.D
Acq: 04 Oct 2021 14:20

Tgt Ion:122 Resp: 547204
Ion Ratio Lower Upper
122 100
107 114.6 100.6 150.8
121 59.0 47.3 70.9





#29

2,4-Dichlorophenol

Concen: 18.645 ng

RT: 10.083 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BM032322.D

Acq: 04 Oct 2021 14:20

Instrument :

BNA_M

ClientSampleId :

PT-ACIDS-WPDL

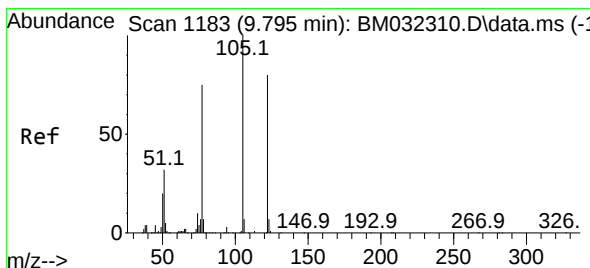
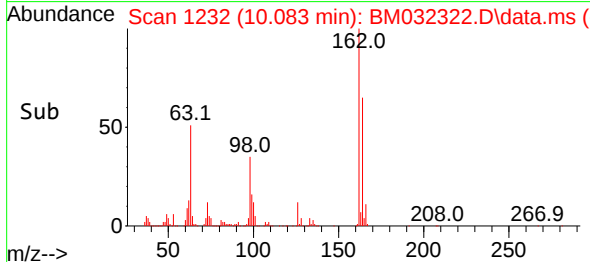
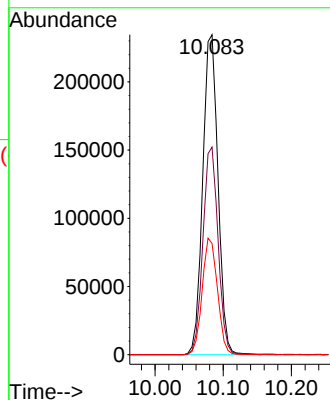
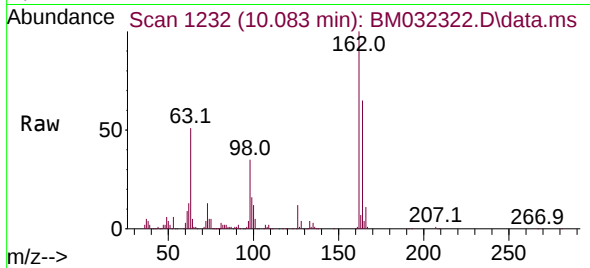
Tgt Ion:162 Resp: 365993

Ion Ratio Lower Upper

162 100

164 64.8 47.4 87.4

98 34.7 18.9 58.9



#32

Benzoic acid

Concen: 41.794 ng

RT: 9.619 min Scan# 1153

Delta R.T. -0.176 min

Lab File: BM032322.D

Acq: 04 Oct 2021 14:20

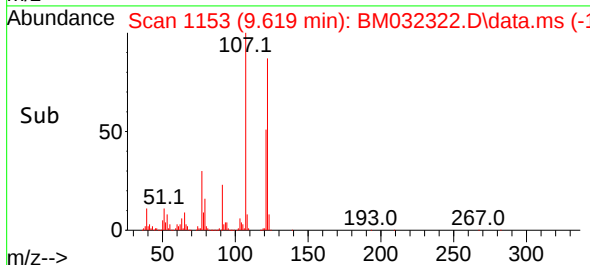
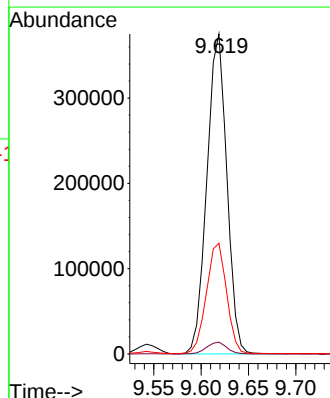
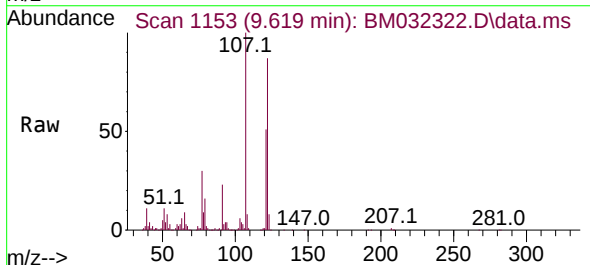
Tgt Ion:122 Resp: 547204

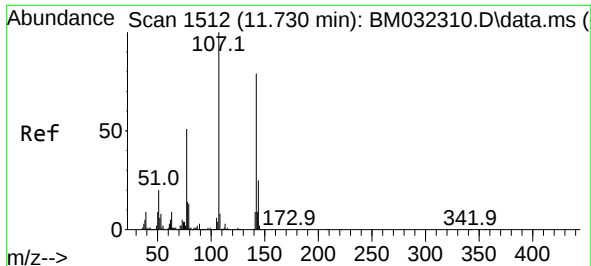
Ion Ratio Lower Upper

122 100

105 3.7 120.3 160.3#

77 34.6 100.0 140.0#

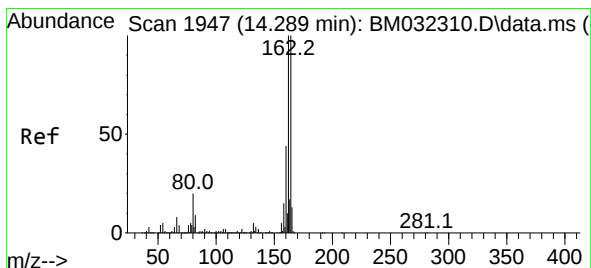
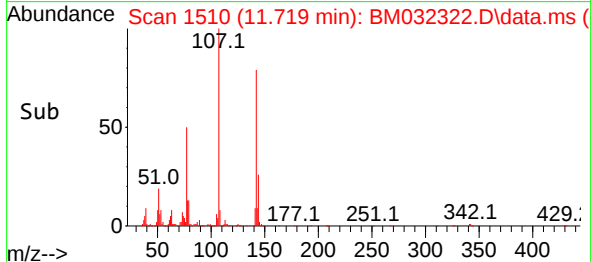
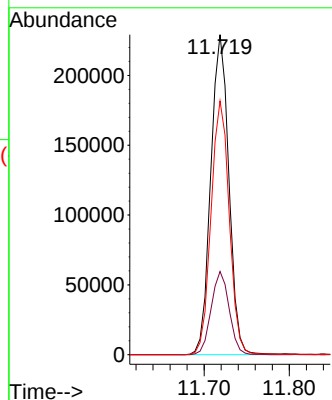
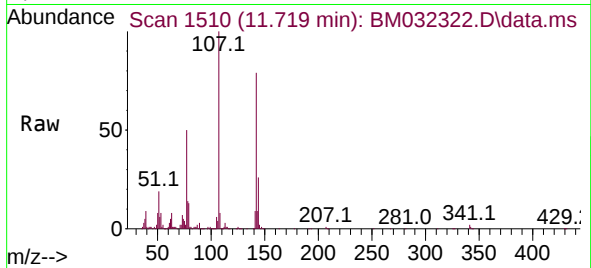




#36
4-Chloro-3-methylphenol
Concen: 16.009 ng
RT: 11.719 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM032322.D
Acq: 04 Oct 2021 14:20

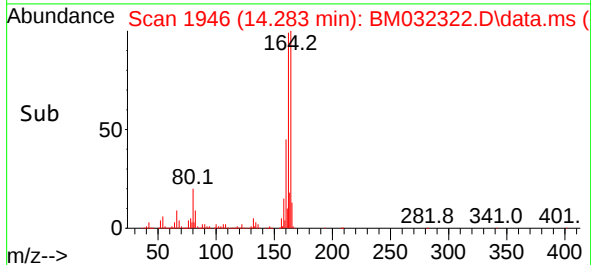
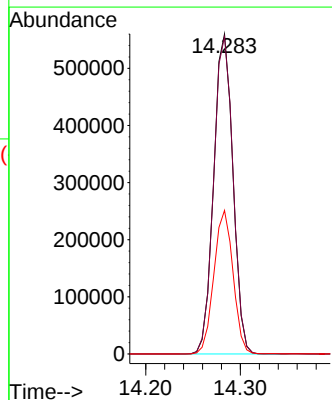
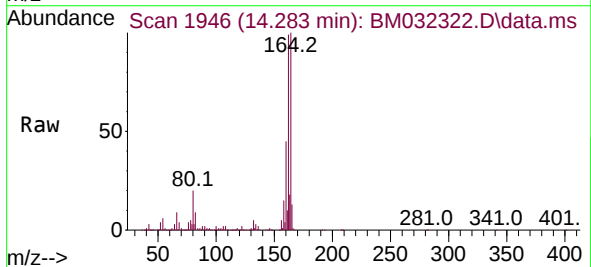
Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WPDL

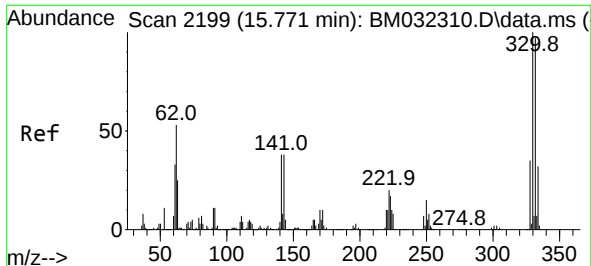
Tgt Ion:107 Resp: 338315
Ion Ratio Lower Upper
107 100
144 26.0 19.3 28.9
142 79.3 60.5 90.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.283 min Scan# 1946
Delta R.T. -0.006 min
Lab File: BM032322.D
Acq: 04 Oct 2021 14:20

Tgt Ion:164 Resp: 789297
Ion Ratio Lower Upper
164 100
162 99.1 80.6 121.0
160 44.8 35.1 52.7

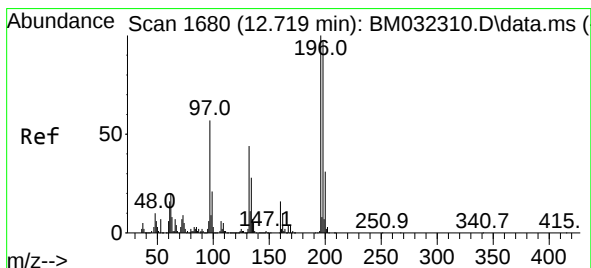
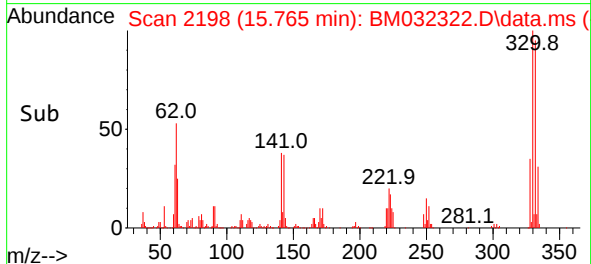
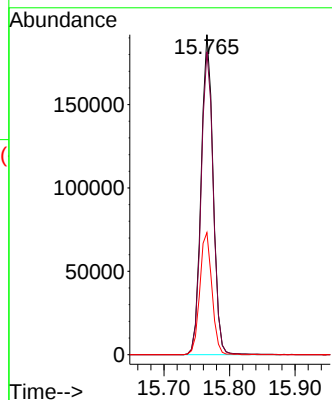
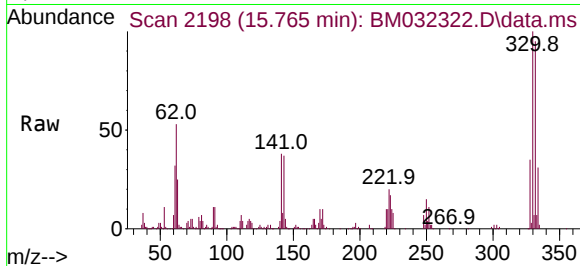




#42
2,4,6-Tribromophenol
Concen: 27.652 ng
RT: 15.765 min Scan# 2199
Delta R.T. -0.006 min
Lab File: BM032322.D
Acq: 04 Oct 2021 14:20

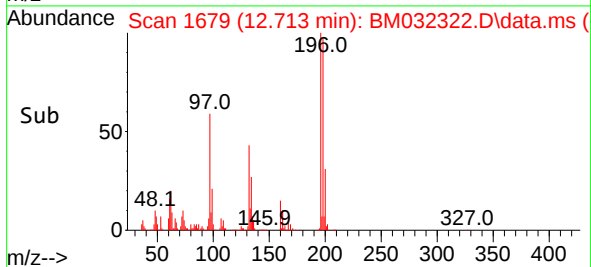
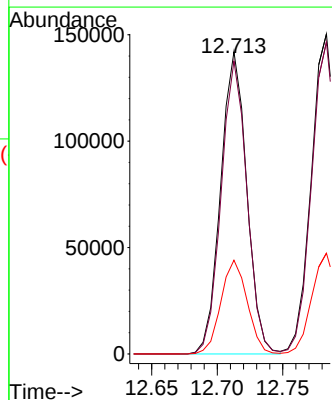
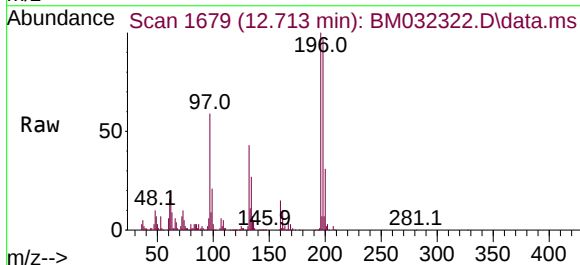
Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WPDL

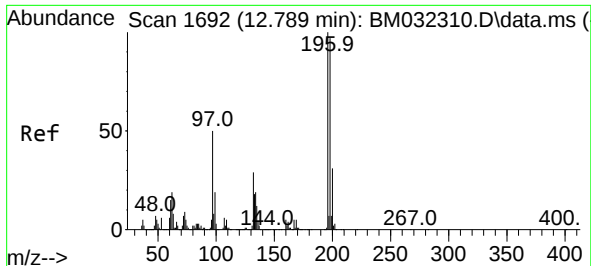
Tgt Ion:330 Resp: 244336
Ion Ratio Lower Upper
330 100
332 96.0 75.7 113.5
141 38.5 50.7 76.1#



#43
2,4,6-Trichlorophenol
Concen: 12.505 ng
RT: 12.713 min Scan# 1679
Delta R.T. -0.006 min
Lab File: BM032322.D
Acq: 04 Oct 2021 14:20

Tgt Ion:196 Resp: 196726
Ion Ratio Lower Upper
196 100
198 96.8 73.6 110.4
200 31.0 22.1 33.1

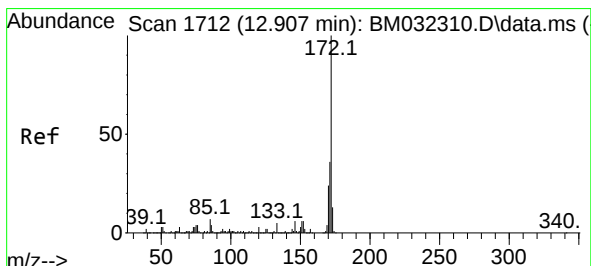
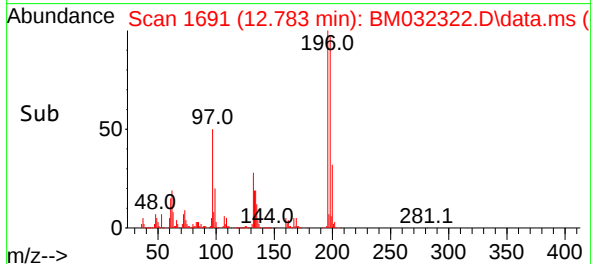
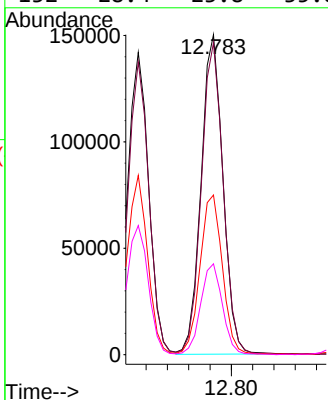
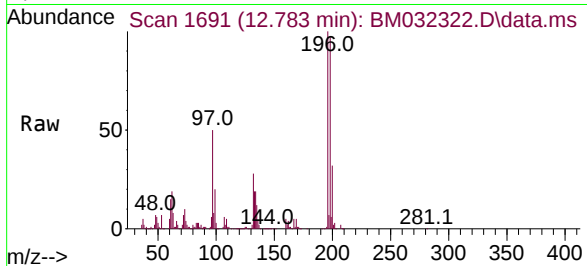




#44
2,4,5-Trichlorophenol
Concen: 12.654 ng
RT: 12.783 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM032322.D
Acq: 04 Oct 2021 14:20

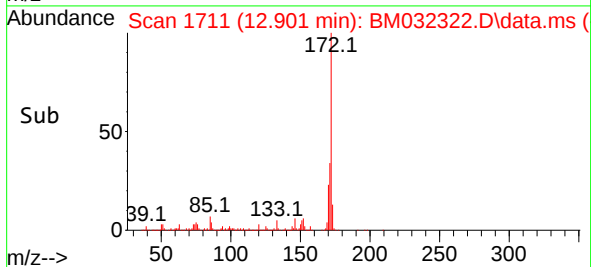
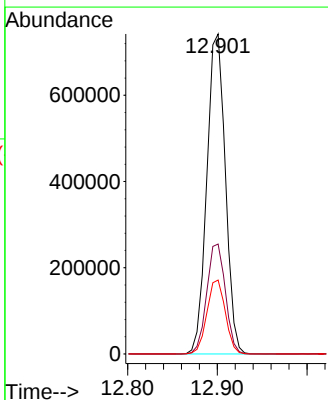
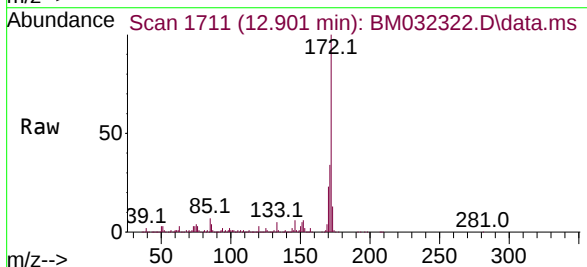
Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WPDL

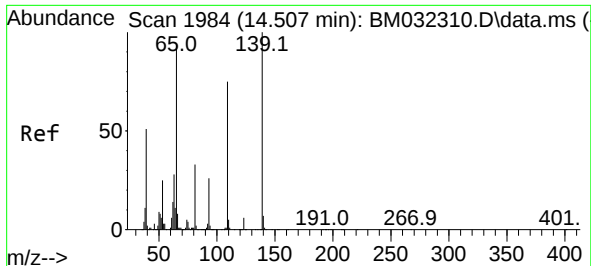
Tgt Ion:196 Resp: 213982
Ion Ratio Lower Upper
196 100
198 97.5 77.0 115.4
97 49.9 53.9 80.9#
132 28.4 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 20.070 ng
RT: 12.901 min Scan# 1711
Delta R.T. -0.006 min
Lab File: BM032322.D
Acq: 04 Oct 2021 14:20

Tgt Ion:172 Resp: 1065426
Ion Ratio Lower Upper
172 100
171 34.4 28.1 42.1
170 23.1 18.6 27.8

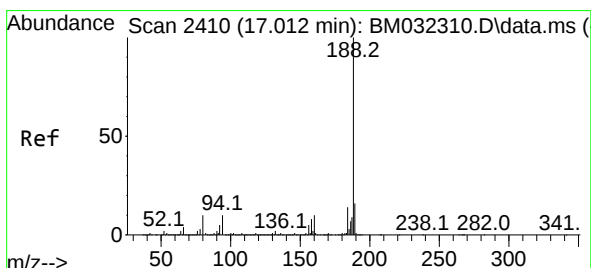
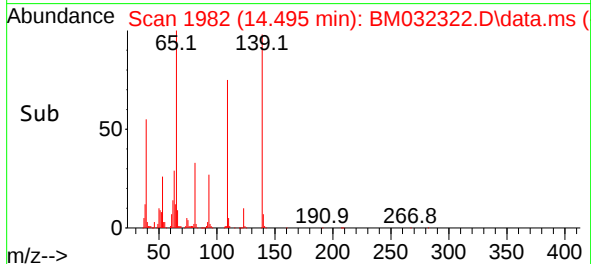
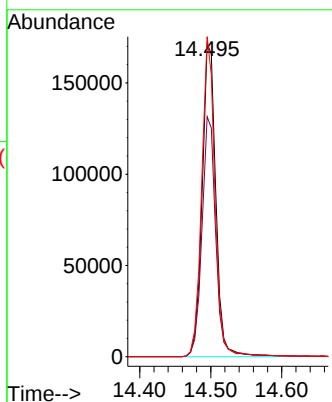
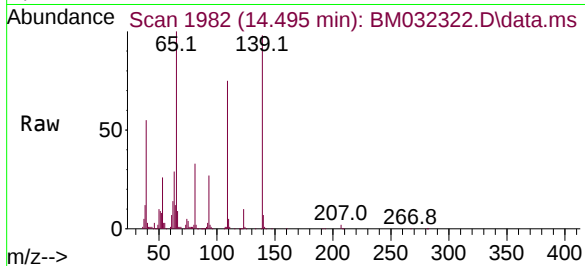




#56
4-Nitrophenol
Concen: 22.027 ng
RT: 14.495 min Scan# 1984
Delta R.T. -0.012 min
Lab File: BM032322.D
Acq: 04 Oct 2021 14:20

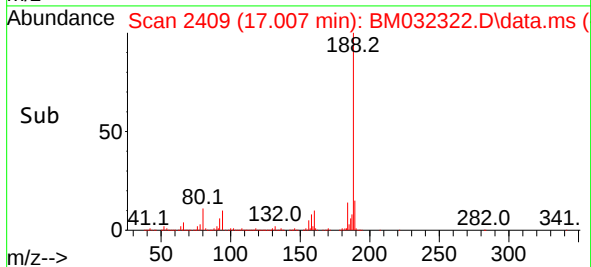
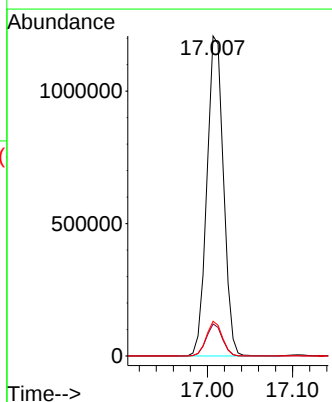
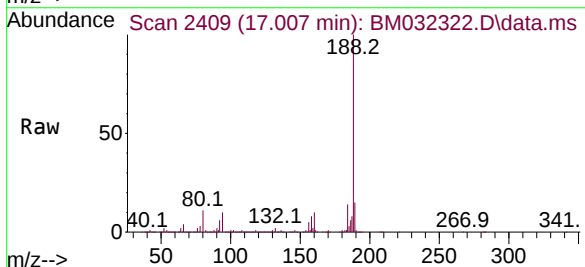
Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WPDL

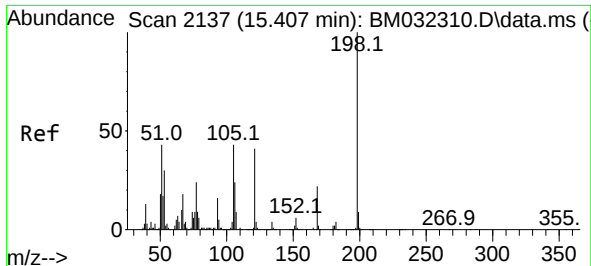
Tgt Ion:139 Resp: 230457
Ion Ratio Lower Upper
139 100
109 76.6 92.3 132.3#
65 102.1 110.5 150.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.007 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BM032322.D
Acq: 04 Oct 2021 14:20

Tgt Ion:188 Resp: 1629321
Ion Ratio Lower Upper
188 100
94 10.0 6.3 9.5#
80 10.8 7.3 10.9

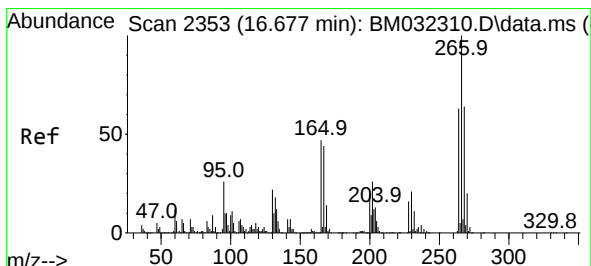
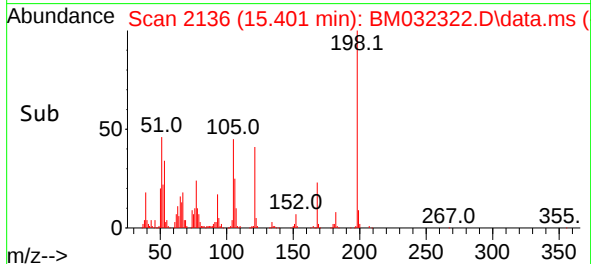
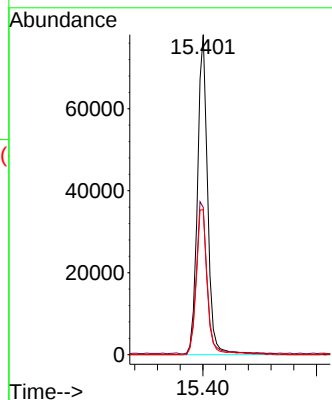
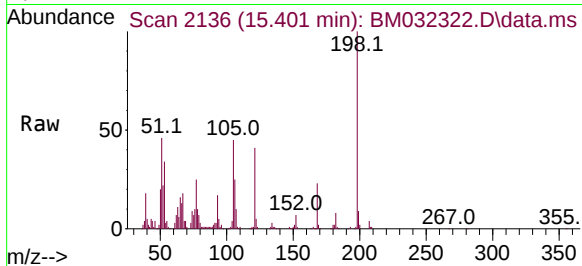




#65
4,6-Dinitro-2-methylphenol
Concen: 10.666 ng
RT: 15.401 min Scan# 2137
Delta R.T. -0.006 min
Lab File: BM032322.D
Acq: 04 Oct 2021 14:20

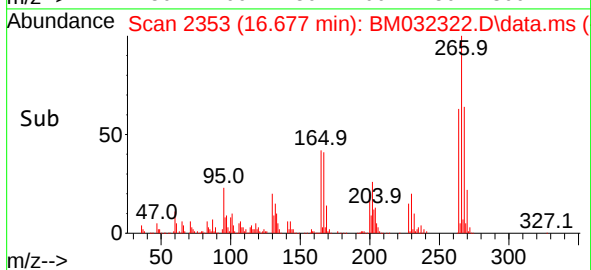
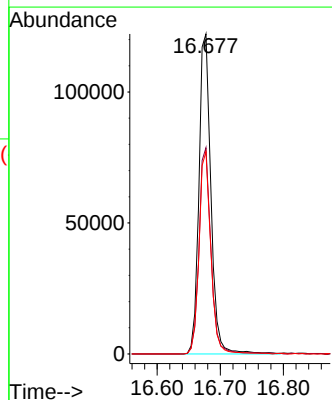
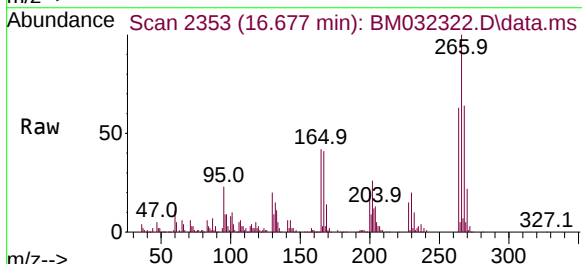
Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WPDL

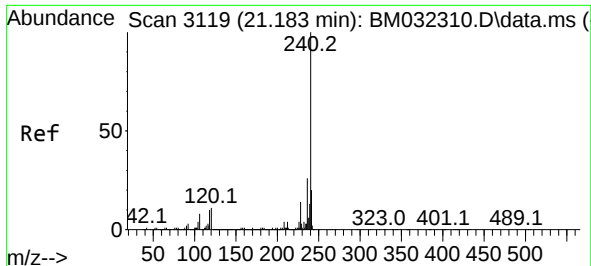
Tgt Ion:198 Resp: 97811
Ion Ratio Lower Upper
198 100
51 46.0 49.7 89.7#
105 45.3 34.9 74.9



#70
Pentachlorophenol
Concen: 13.944 ng
RT: 16.677 min Scan# 2353
Delta R.T. -0.000 min
Lab File: BM032322.D
Acq: 04 Oct 2021 14:20

Tgt Ion:266 Resp: 160654
Ion Ratio Lower Upper
266 100
268 64.5 50.3 75.5
264 63.2 52.1 78.1

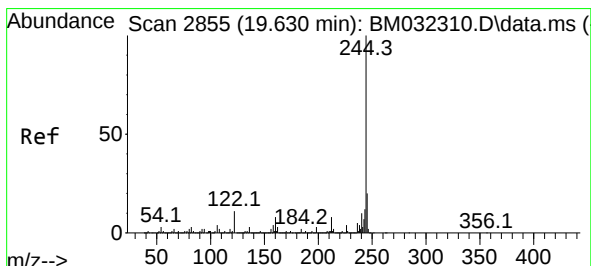
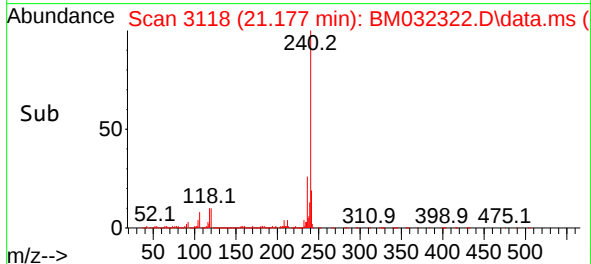
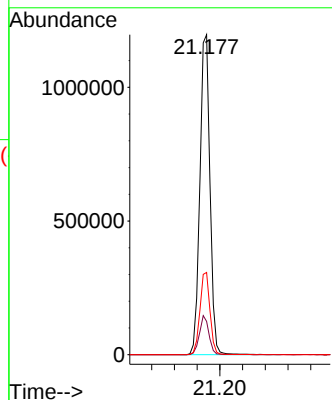
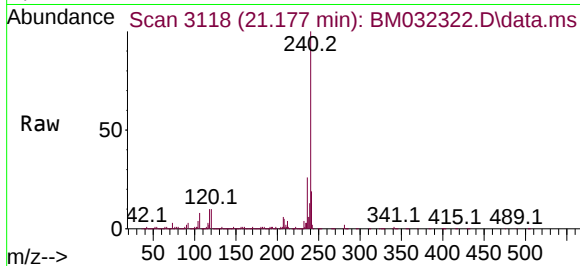




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.177 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BM032322.D
Acq: 04 Oct 2021 14:20

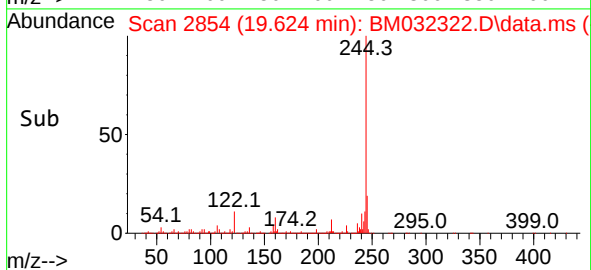
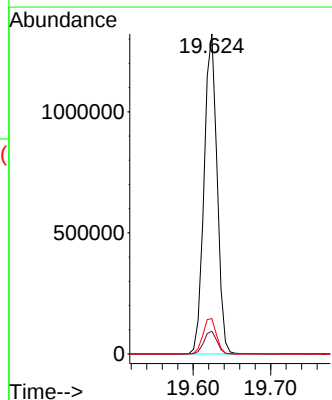
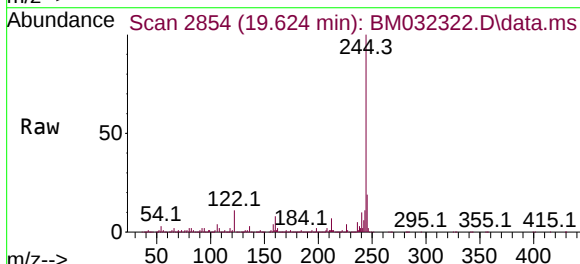
Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WPDL

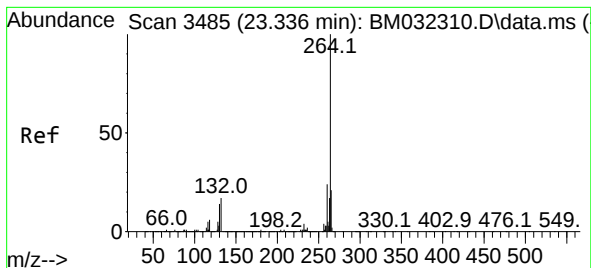
Tgt Ion:240 Resp: 1479036
Ion Ratio Lower Upper
240 100
120 10.4 7.8 11.6
236 25.7 20.9 31.3



#79
Terphenyl-d14
Concen: 21.926 ng
RT: 19.624 min Scan# 2854
Delta R.T. -0.006 min
Lab File: BM032322.D
Acq: 04 Oct 2021 14:20

Tgt Ion:244 Resp: 1539814
Ion Ratio Lower Upper
244 100
212 7.1 6.5 9.7
122 11.0 8.7 13.1





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.330 min Scan# 34

Delta R.T. -0.006 min

Lab File: BM032322.D

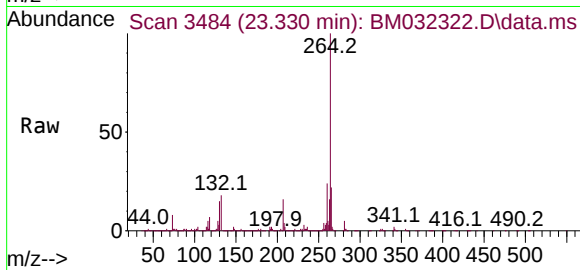
Acq: 04 Oct 2021 14:20

Instrument :

BNA_M

ClientSampleId :

PT-ACIDS-WPDL



Tgt Ion:264 Resp: 1381939

Ion Ratio Lower Upper

264 100

260 24.0 19.3 28.9

265 21.9 18.3 27.5

