

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072823\
 Data File : BP016438.D
 Acq On : 28 Jul 2023 23:42
 Operator : MA/JU
 Sample : 03813-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PLAUDERVILLE-3

Quant Time: Jul 29 03:48:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 01:48:25 2023
 Response via : Initial Calibration

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

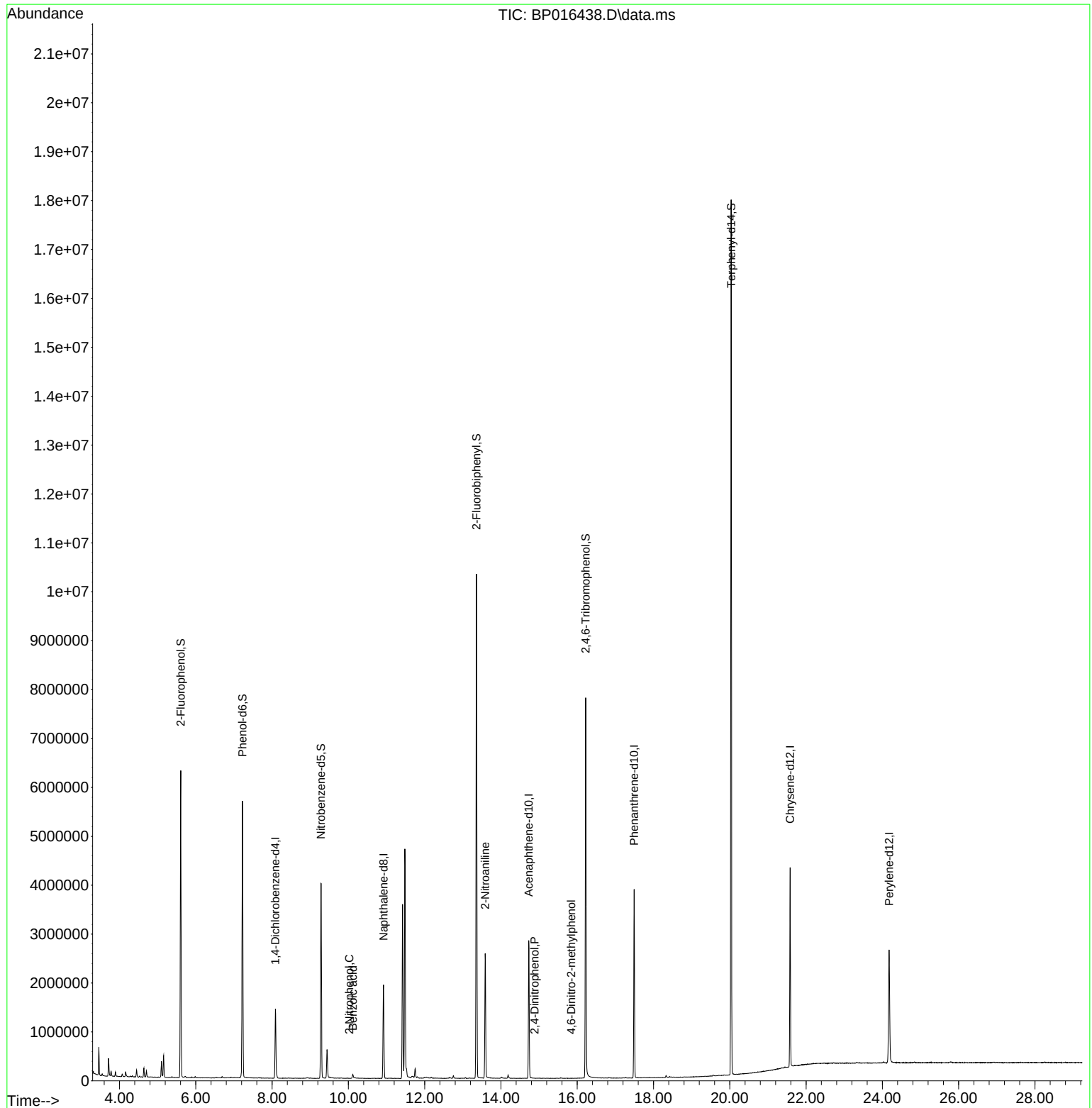
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	371177	20.000	ng	0.00
21) Naphthalene-d8	10.922	136	1565531	20.000	ng	0.00
39) Acenaphthene-d10	14.728	164	921423	20.000	ng	0.00
64) Phenanthrene-d10	17.492	188	2062453	20.000	ng	0.00
76) Chrysene-d12	21.580	240	1744133	20.000	ng	#-0.01
86) Perylene-d12	24.174	264	1731039	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.605	112	2794085	122.807	ng	0.00
7) Phenol-d6	7.222	99	3476982	111.494	ng	0.00
23) Nitrobenzene-d5	9.281	82	2329782	83.306	ng	-0.01
42) 2,4,6-Tribromophenol	16.222	330	1386755	102.302	ng	0.00
45) 2-Fluorobiphenyl	13.357	172	5197029	80.862	ng	0.00
79) Terphenyl-d14	20.033	244	8452625	102.375	ng	-0.01
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.222	77	7717	Below Cal	#	4
26) 2-Nitrophenol	10.022	139	79	3.131	ng	# 1
32) Benzoic acid	10.116	122	32635	7.997	ng	92
48) 2-Nitroaniline	13.587	65	44762	2.997	ng	# 10
54) 2,4-Dinitrophenol	14.881	184	21	8.004	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.845	198	17	6.303	ng	# 1

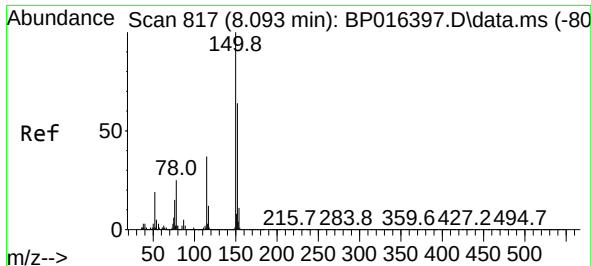
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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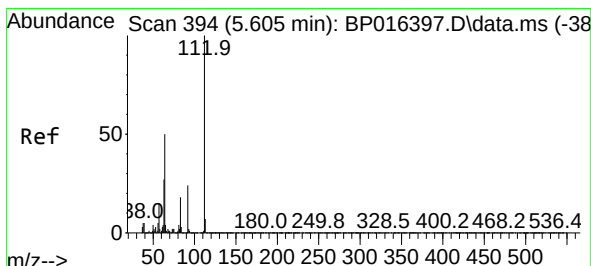
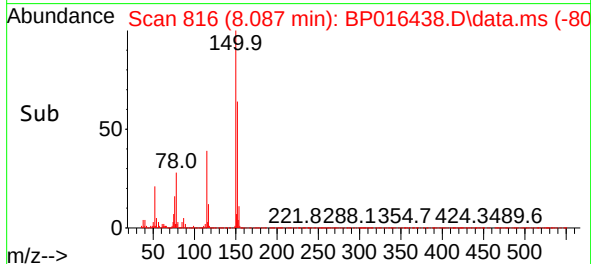
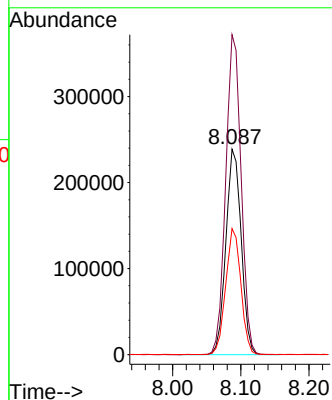
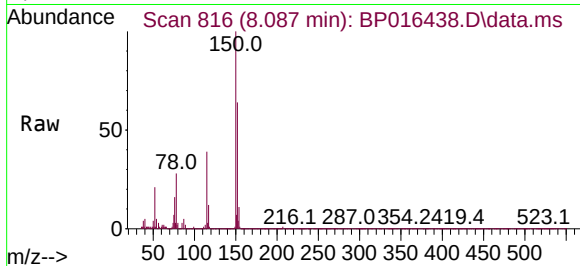




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.087 min Scan# 817
Delta R.T. -0.006 min
Lab File: BP016438.D
Acq: 28 Jul 2023 23:42

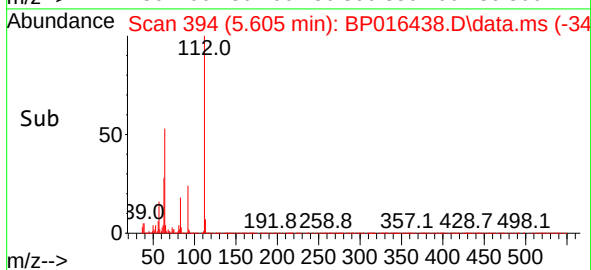
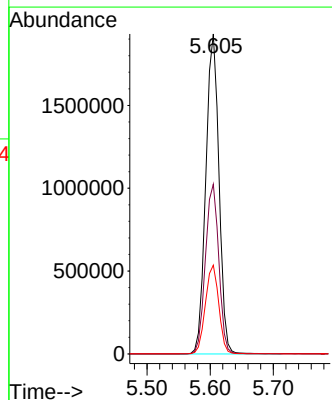
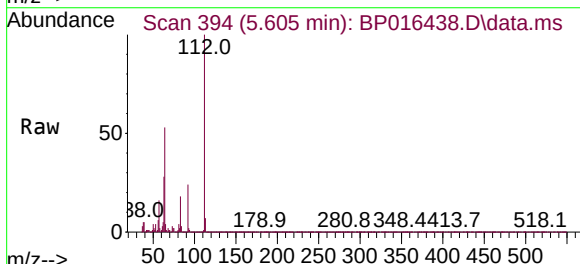
Instrument :
BNA_P
ClientSampleId :
PLAUDERVILLE-3

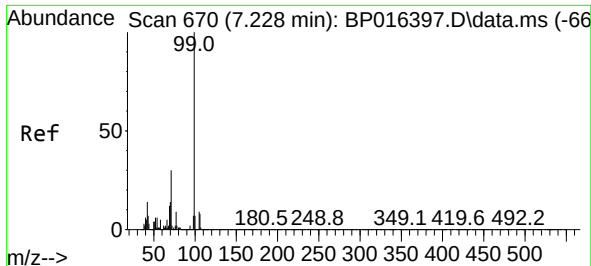
Tgt Ion:152 Resp: 371177
Ion Ratio Lower Upper
152 100
150 155.8 124.9 187.3
115 61.4 46.8 70.2



#5
2-Fluorophenol
Concen: 122.807 ng
RT: 5.605 min Scan# 394
Delta R.T. 0.000 min
Lab File: BP016438.D
Acq: 28 Jul 2023 23:42

Tgt Ion:112 Resp: 2794085
Ion Ratio Lower Upper
112 100
64 53.0 40.0 60.0
63 27.7 21.2 31.8

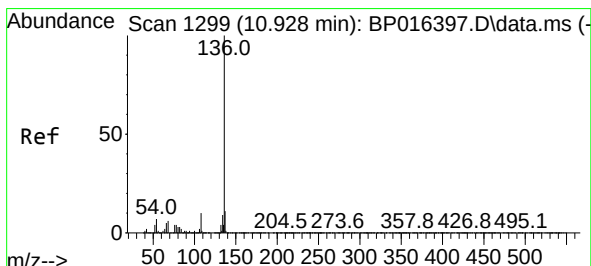
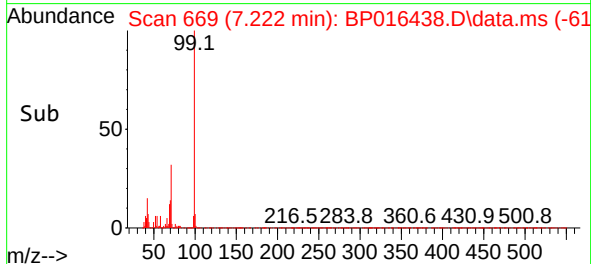
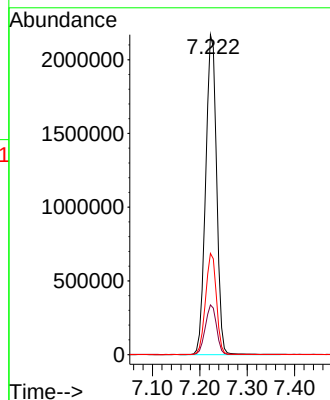
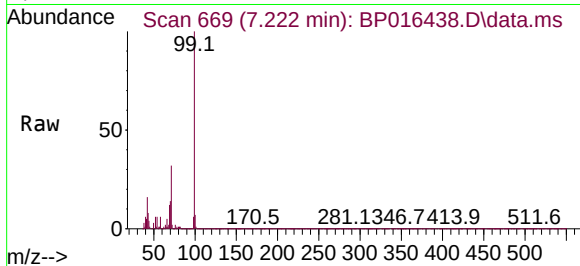




#7
Phenol-d6
Concen: 111.494 ng
RT: 7.222 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP016438.D
Acq: 28 Jul 2023 23:42

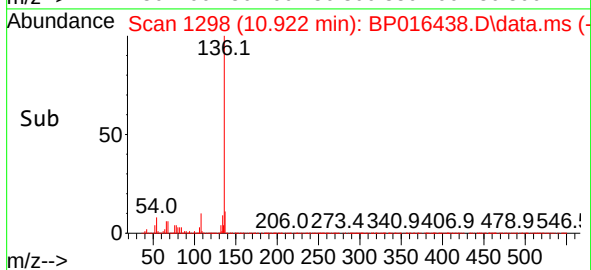
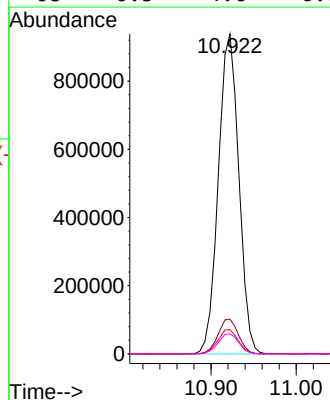
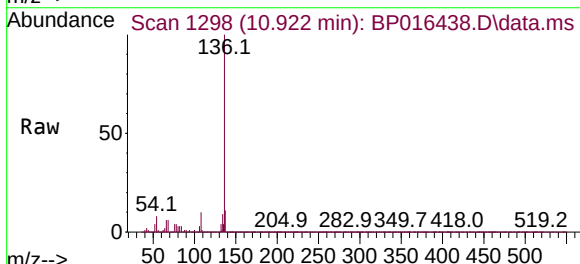
Instrument :
BNA_P
ClientSampleId :
PLAUDERVILLE-3

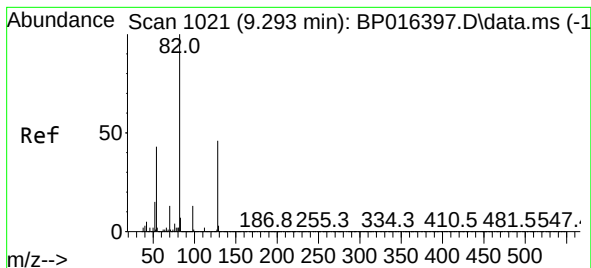
Tgt Ion: 99 Resp: 3476982
Ion Ratio Lower Upper
99 100
42 15.5 11.6 17.4
71 31.6 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.922 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BP016438.D
Acq: 28 Jul 2023 23:42

Tgt Ion:136 Resp: 1565531
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.6 5.6 8.4
68 6.3 4.6 6.8





#23

Nitrobenzene-d5

Concen: 83.306 ng

RT: 9.281 min Scan# 10

Delta R.T. -0.012 min

Lab File: BP016438.D

Acq: 28 Jul 2023 23:42

Instrument :

BNA_P

ClientSampleId :

PLAUDERVILLE-3

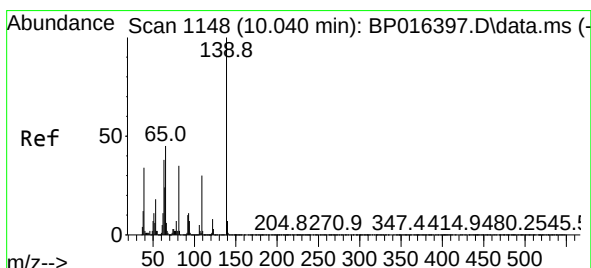
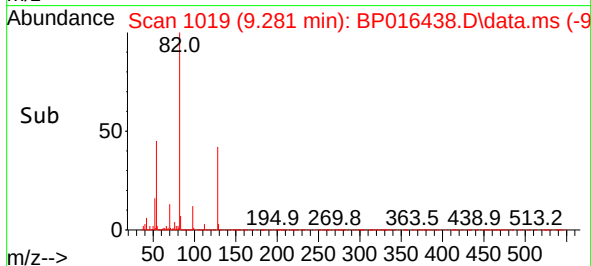
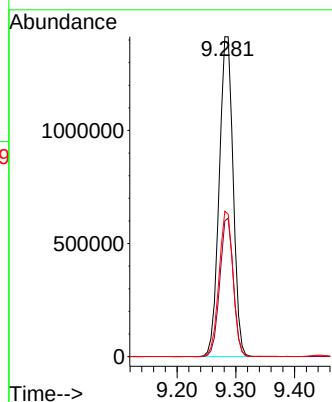
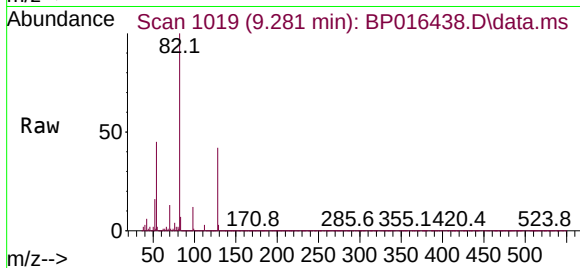
Tgt Ion: 82 Resp: 2329782

Ion Ratio Lower Upper

82 100

128 42.4 36.6 55.0

54 45.4 34.5 51.7



#26

2-Nitrophenol

Concen: 3.131 ng

RT: 10.022 min Scan# 1145

Delta R.T. -0.018 min

Lab File: BP016438.D

Acq: 28 Jul 2023 23:42

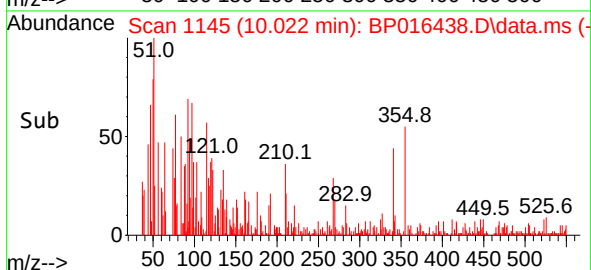
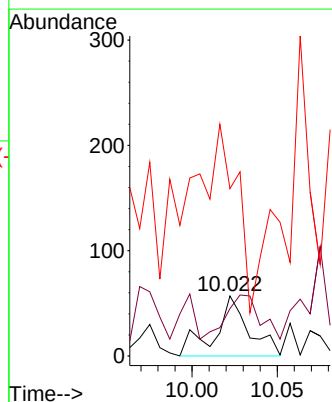
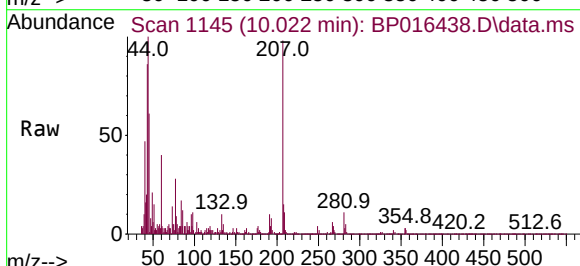
Tgt Ion: 139 Resp: 79

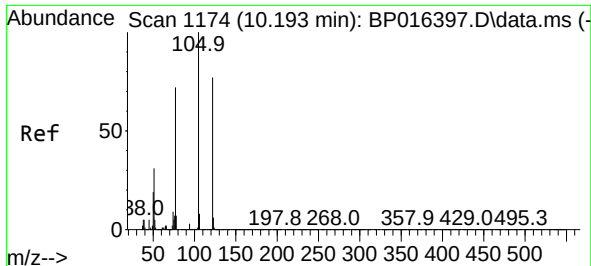
Ion Ratio Lower Upper

139 100

109 78.9 24.2 36.4#

65 278.9 35.8 53.6#

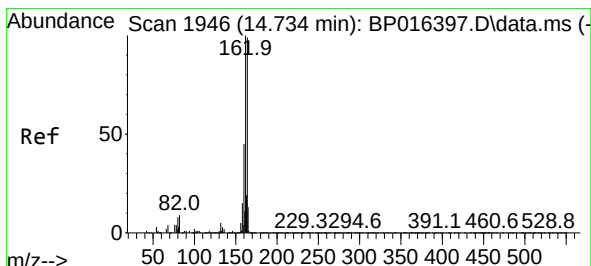
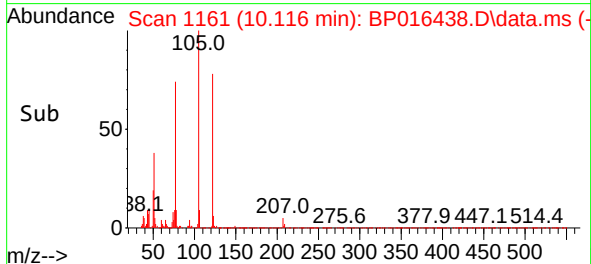
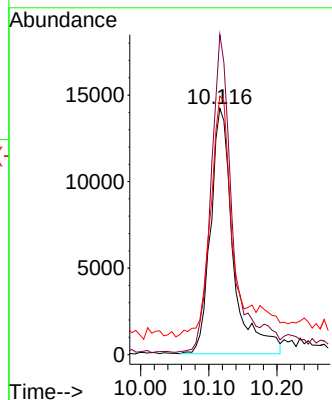
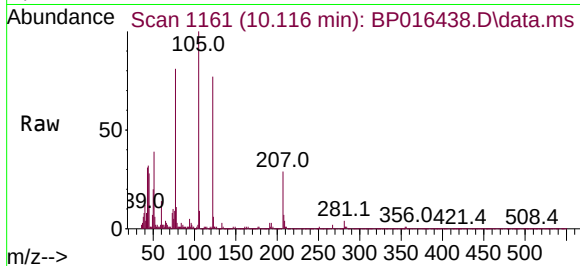




#32
Benzoic acid
Concen: 7.997 ng
RT: 10.116 min Scan# 1161
Delta R.T. -0.077 min
Lab File: BP016438.D
Acq: 28 Jul 2023 23:42

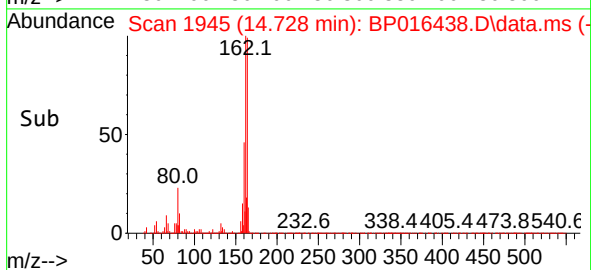
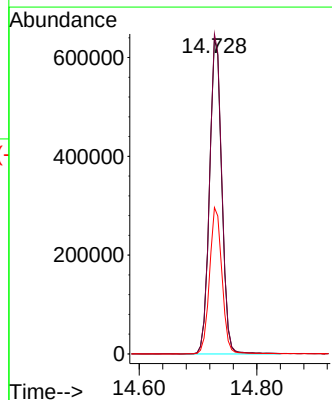
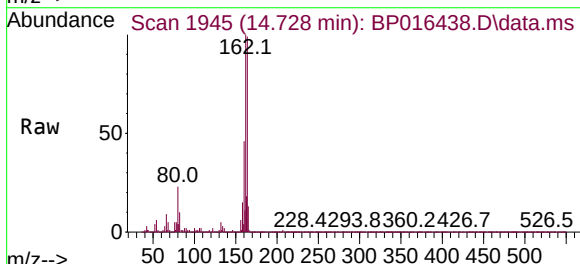
Instrument :
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ClientSampleId :
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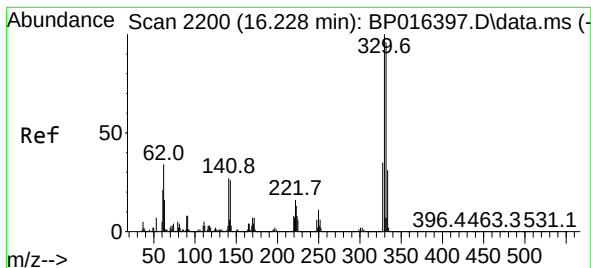
Tgt Ion:122 Resp: 32635
Ion Ratio Lower Upper
122 100
105 130.0 105.2 145.2
77 105.1 72.2 112.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.728 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BP016438.D
Acq: 28 Jul 2023 23:42

Tgt Ion:164 Resp: 921423
Ion Ratio Lower Upper
164 100
162 101.4 81.0 121.6
160 46.4 36.6 55.0





#42

2,4,6-Tribromophenol

Concen: 102.302 ng

RT: 16.222 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP016438.D

Acq: 28 Jul 2023 23:42

Instrument :

BNA_P

ClientSampleId :

PLAUDERVILLE-3

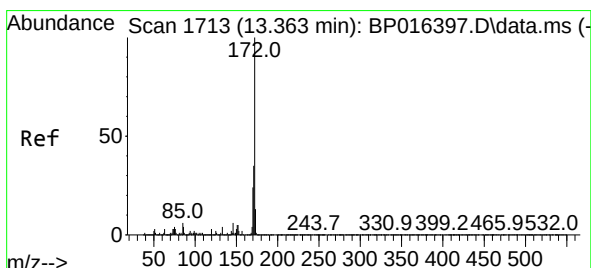
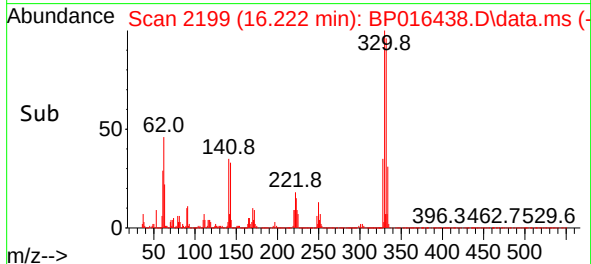
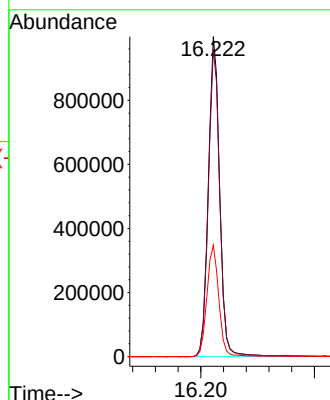
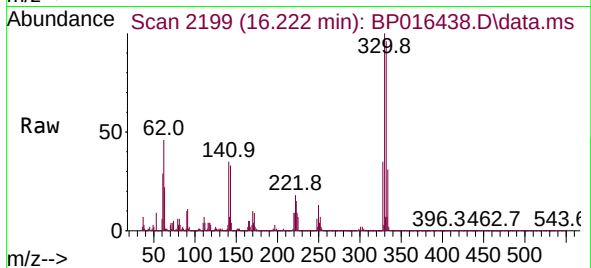
Tgt Ion:330 Resp: 1386755

Ion Ratio Lower Upper

330 100

332 97.6 77.8 116.8

141 36.8 22.6 34.0#



#45

2-Fluorobiphenyl

Concen: 80.862 ng

RT: 13.357 min Scan# 1712

Delta R.T. -0.006 min

Lab File: BP016438.D

Acq: 28 Jul 2023 23:42

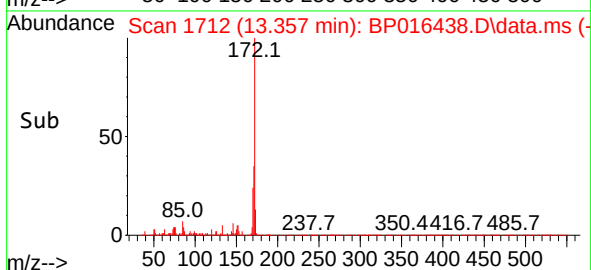
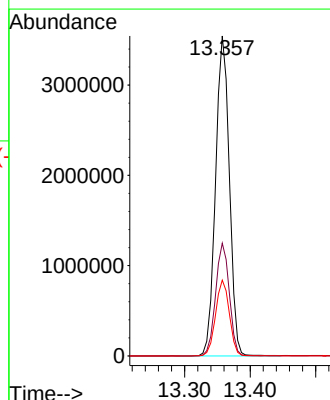
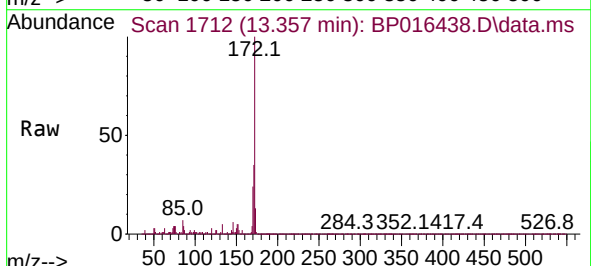
Tgt Ion:172 Resp: 5197029

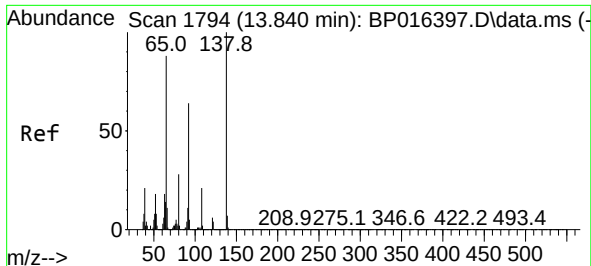
Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.2

170 23.7 19.1 28.7

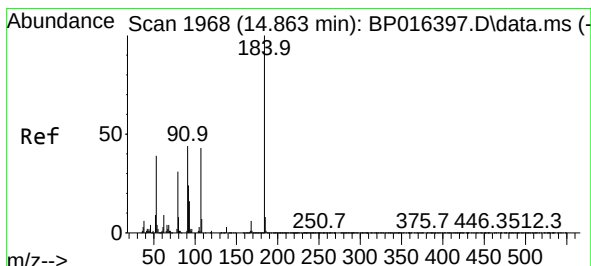
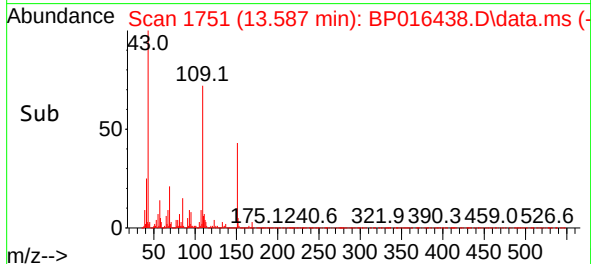
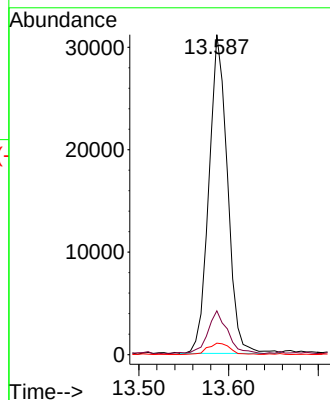
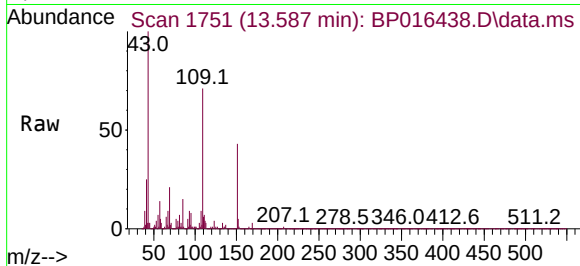




#48
2-Nitroaniline
Concen: 2.997 ng
RT: 13.587 min Scan# 1794
Delta R.T. -0.253 min
Lab File: BP016438.D
Acq: 28 Jul 2023 23:42

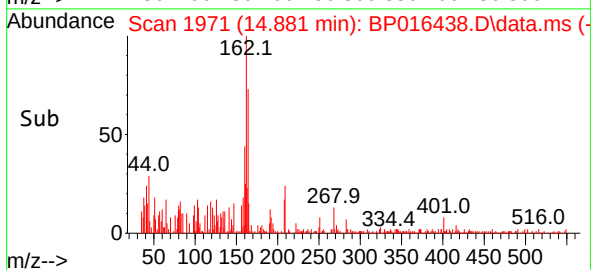
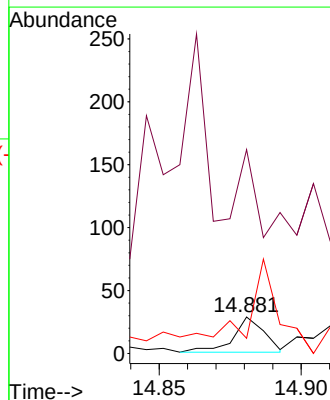
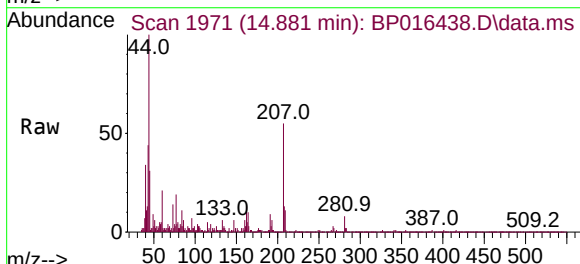
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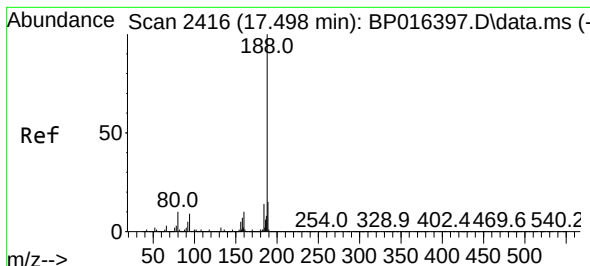
Tgt Ion: 65 Resp: 44762
Ion Ratio Lower Upper
65 100
92 13.7 58.2 87.4#
138 3.6 91.3 136.9#



#54
2,4-Dinitrophenol
Concen: 8.004 ng
RT: 14.881 min Scan# 1971
Delta R.T. 0.018 min
Lab File: BP016438.D
Acq: 28 Jul 2023 23:42

Tgt Ion: 184 Resp: 21
Ion Ratio Lower Upper
184 100
63 558.6 48.2 72.4#
154 41.4 49.6 74.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.492 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BP016438.D

Acq: 28 Jul 2023 23:42

Instrument :

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PLAUDERVILLE-3

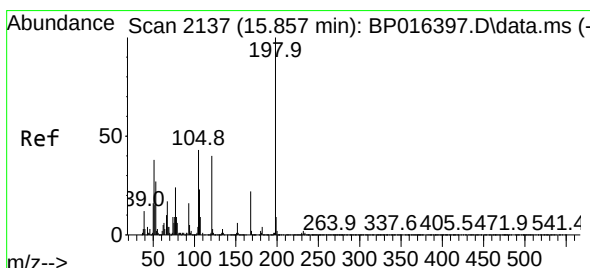
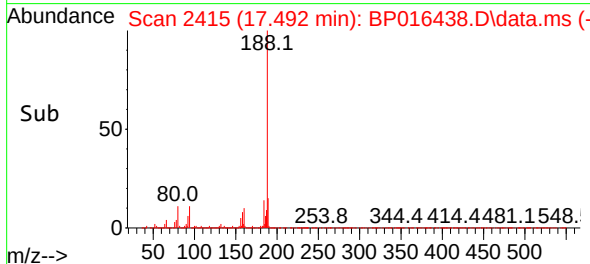
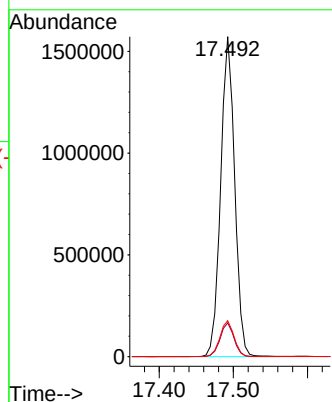
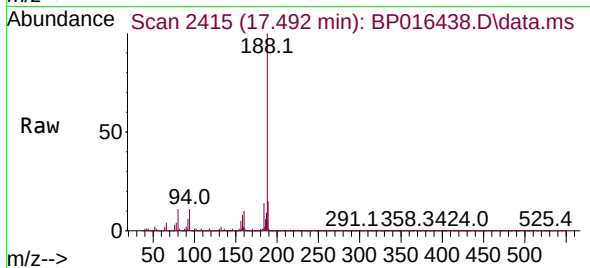
Tgt Ion:188 Resp: 2062453

Ion Ratio Lower Upper

188 100

94 10.5 7.4 11.0

80 11.2 7.8 11.8



#65

4,6-Dinitro-2-methylphenol

Concen: 6.303 ng

RT: 15.845 min Scan# 2135

Delta R.T. -0.012 min

Lab File: BP016438.D

Acq: 28 Jul 2023 23:42

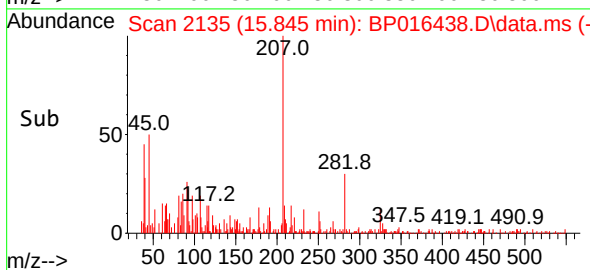
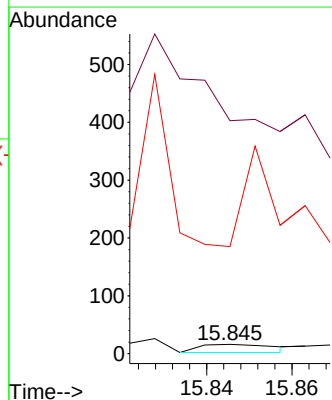
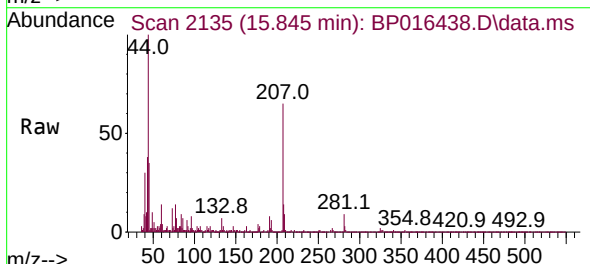
Tgt Ion:198 Resp: 17

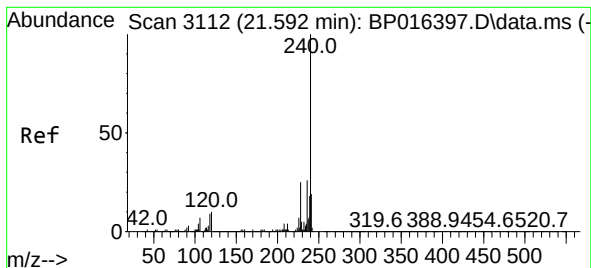
Ion Ratio Lower Upper

198 100

51 2518.8 20.1 60.1#

105 1156.3 23.1 63.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.580 min Scan# 3112

Delta R.T. -0.012 min

Lab File: BP016438.D

Acq: 28 Jul 2023 23:42

Instrument :

BNA_P

ClientSampleId :

PLAUDERVILLE-3

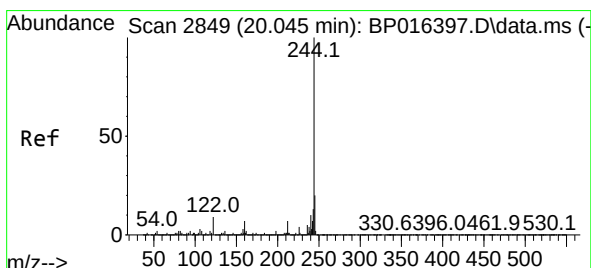
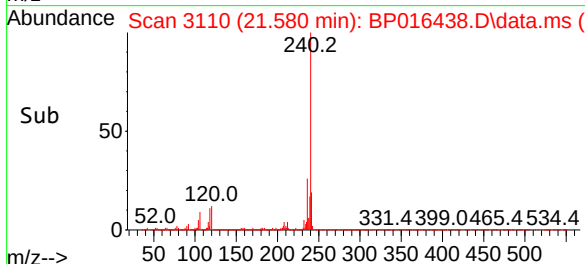
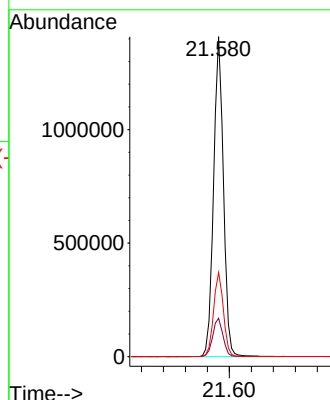
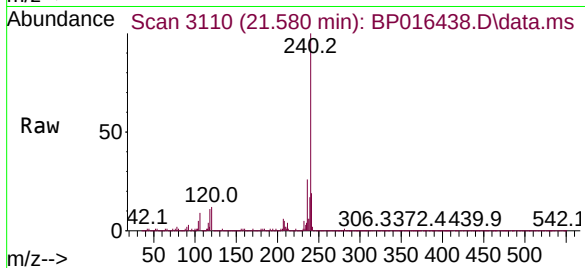
Tgt Ion:240 Resp: 1744133

Ion Ratio Lower Upper

240 100

120 12.0 7.9 11.9#

236 26.3 21.1 31.7



#79

Terphenyl-d14

Concen: 102.375 ng

RT: 20.033 min Scan# 2847

Delta R.T. -0.012 min

Lab File: BP016438.D

Acq: 28 Jul 2023 23:42

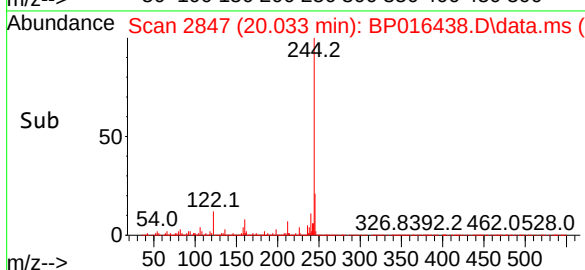
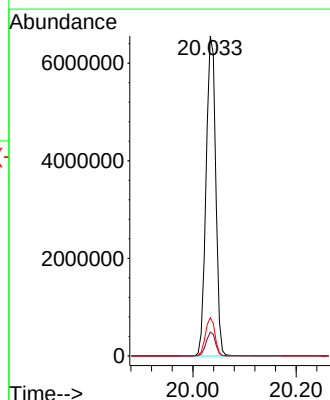
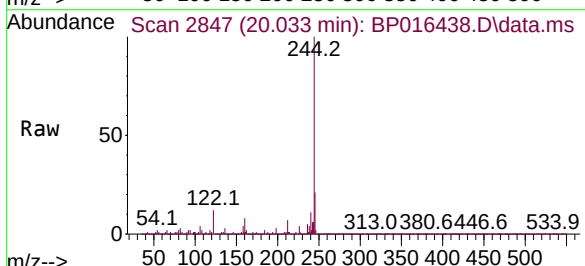
Tgt Ion:244 Resp: 8452625

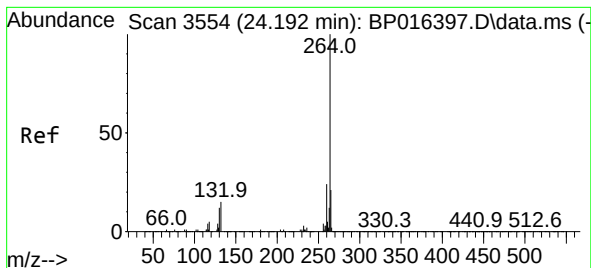
Ion Ratio Lower Upper

244 100

212 7.4 5.6 8.4

122 11.9 7.4 11.2#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.174 min Scan# 3551

Delta R.T. -0.018 min

Lab File: BP016438.D

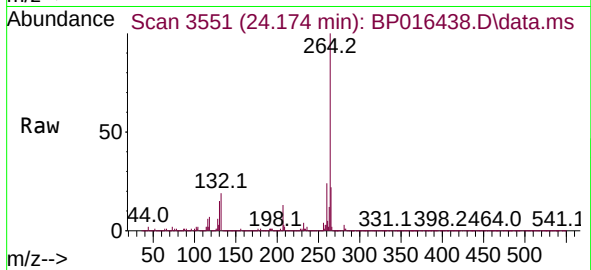
Acq: 28 Jul 2023 23:42

Instrument :

BNA_P

ClientSampleId :

PLAUDERVILLE-3



Tgt Ion:264 Resp: 1731039

Ion Ratio Lower Upper

264 100

260 23.9 19.3 28.9

265 22.0 17.4 26.0

