

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080123\
 Data File : BP016458.D
 Acq On : 01 Aug 2023 16:12
 Operator : MA/JU
 Sample : 03715-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 T841-BTW-01

Quant Time: Aug 01 16:43:25 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)

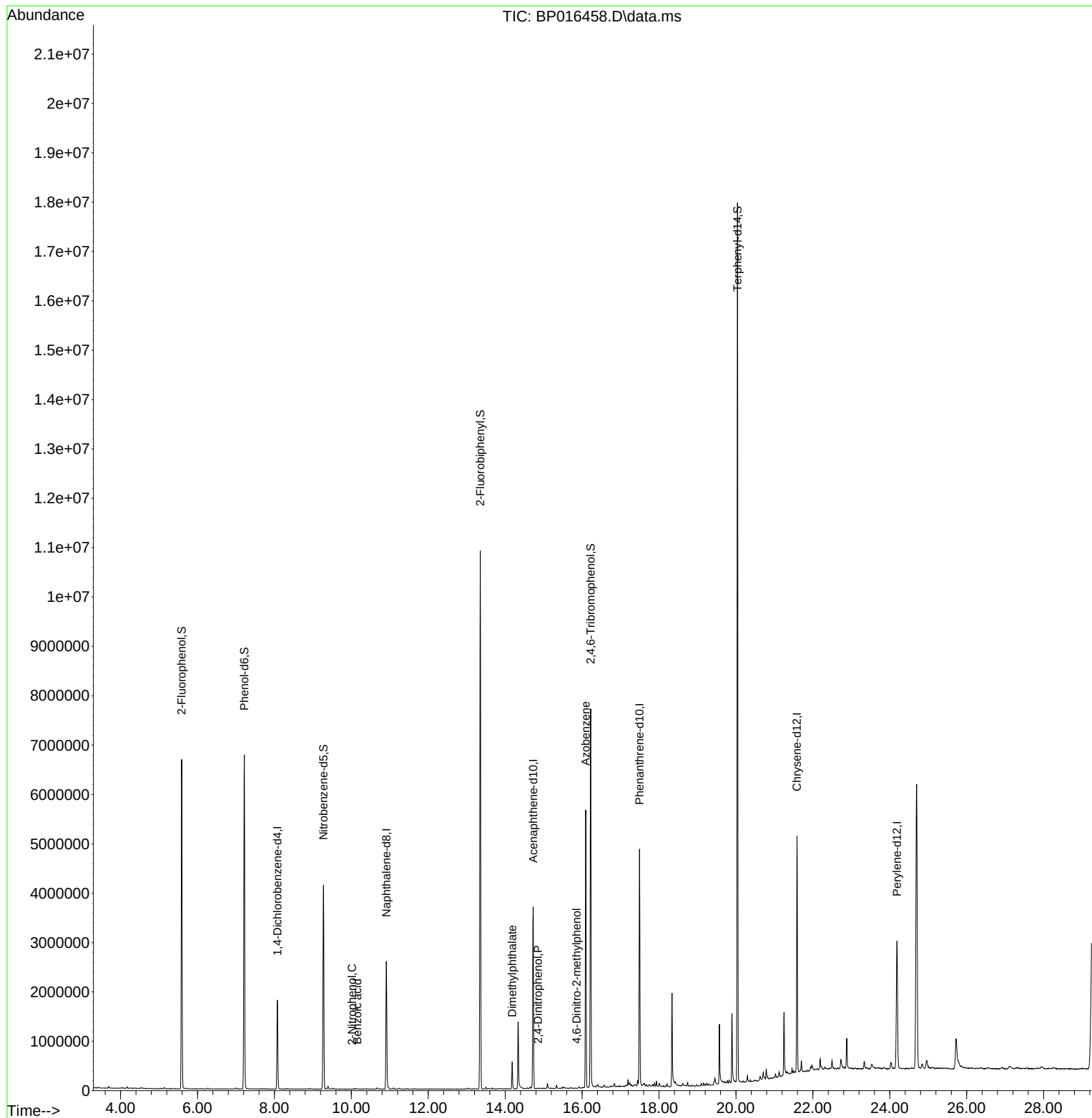
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.075	152	479416	20.000	ng	-0.02
21) Naphthalene-d8	10.910	136	2077044	20.000	ng	-0.02
39) Acenaphthene-d10	14.728	164	1211888	20.000	ng	0.00
64) Phenanthrene-d10	17.492	188	2664789	20.000	ng	0.00
76) Chrysene-d12	21.586	240	2154958	20.000	ng	# 0.00
86) Perylene-d12	24.186	264	2060668	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	3031579	103.162	ng	-0.02
7) Phenol-d6	7.216	99	4101886	101.836	ng	-0.01
23) Nitrobenzene-d5	9.275	82	2385975	64.304	ng	-0.02
42) 2,4,6-Tribromophenol	16.222	330	1397427	78.381	ng	0.00
45) 2-Fluorobiphenyl	13.351	172	5361632	63.428	ng	-0.01
79) Terphenyl-d14	20.039	244	8070941	79.116	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.228	77	19438	Below Cal	#	70
26) 2-Nitrophenol	10.016	139	95	3.131	ng	# 1
32) Benzoic acid	10.152	122	474	6.305	ng	# 18
50) Dimethylphthalate	14.181	163	326437	3.457	ng	99
54) 2,4-Dinitrophenol	14.851	184	76	8.009	ng	# 1
63) Azobenzene	16.092	77	1619757	18.278	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.857	198	8	6.302	ng	# 1

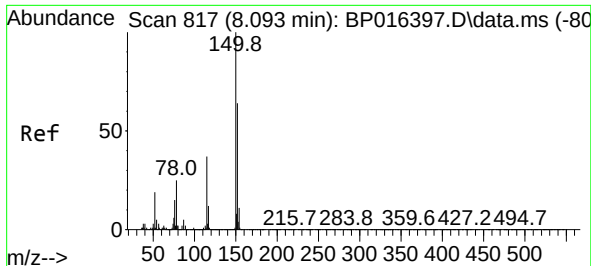
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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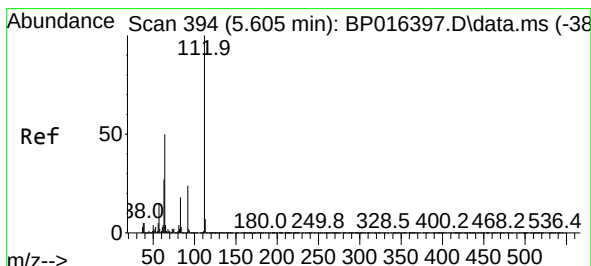
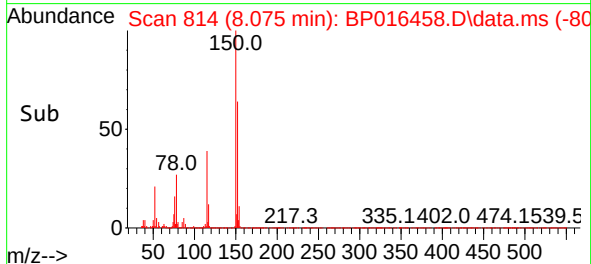
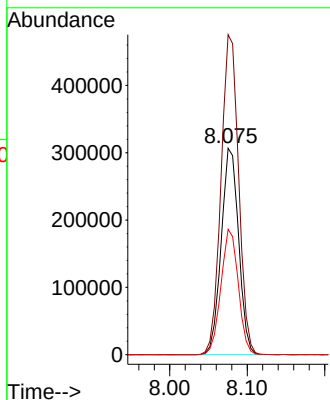
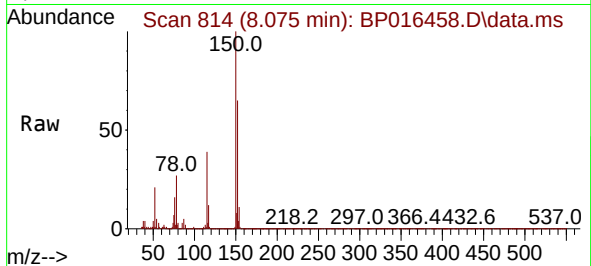




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.075 min Scan# 817
Delta R.T. -0.018 min
Lab File: BP016458.D
Acq: 01 Aug 2023 16:12

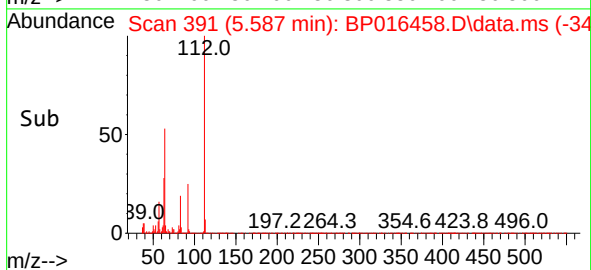
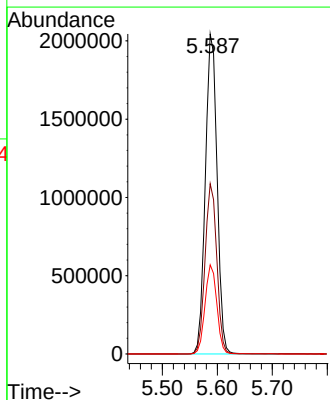
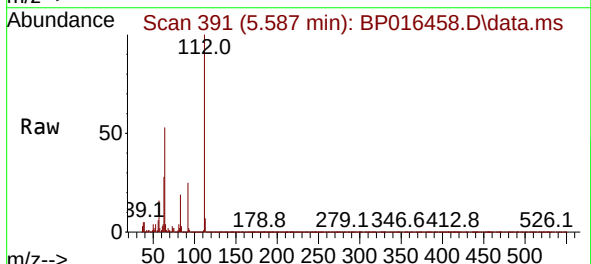
Instrument :
BNA_P
ClientSampleId :
T841-BTW-01

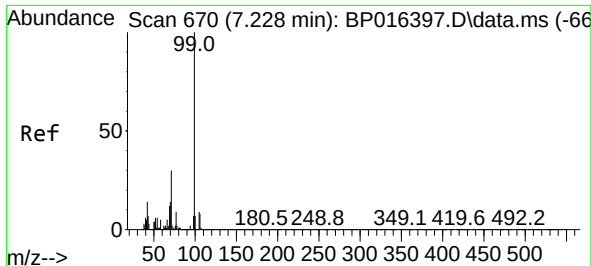
Tgt Ion:152 Resp: 479416
Ion Ratio Lower Upper
152 100
150 155.0 124.9 187.3
115 60.7 46.8 70.2



#5
2-Fluorophenol
Concen: 103.162 ng
RT: 5.587 min Scan# 391
Delta R.T. -0.018 min
Lab File: BP016458.D
Acq: 01 Aug 2023 16:12

Tgt Ion:112 Resp: 3031579
Ion Ratio Lower Upper
112 100
64 53.2 40.0 60.0
63 27.9 21.2 31.8

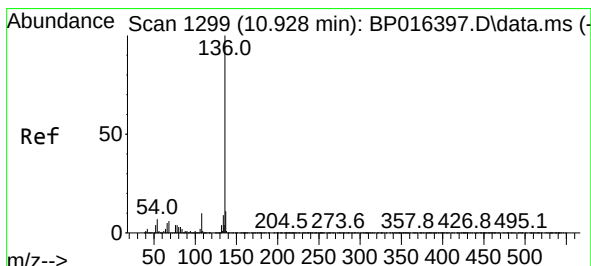
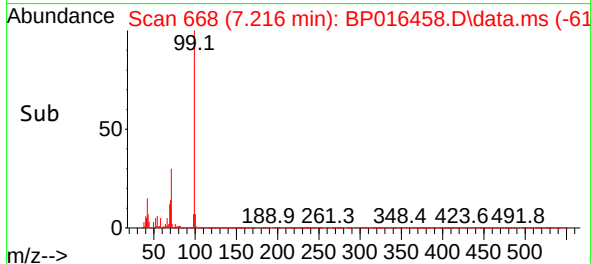
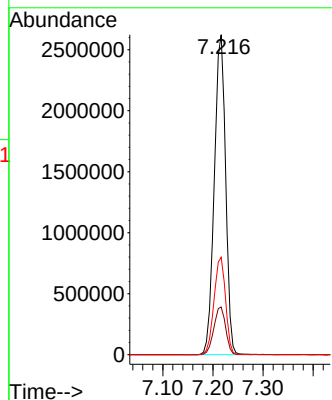
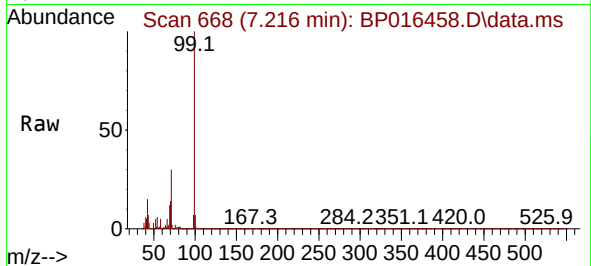




#7
Phenol-d6
Concen: 101.836 ng
RT: 7.216 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP016458.D
Acq: 01 Aug 2023 16:12

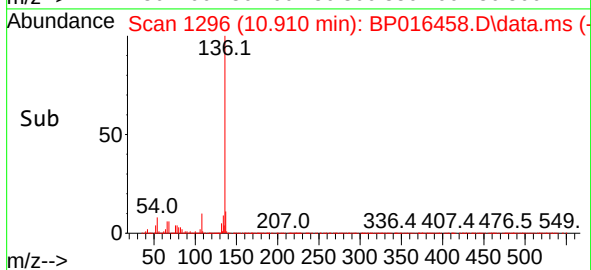
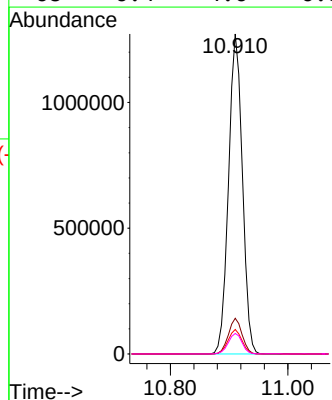
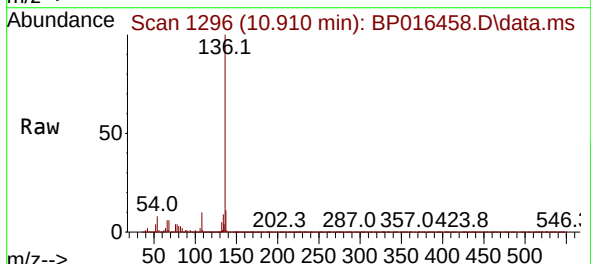
Instrument :
BNA_P
ClientSampleId :
T841-BTW-01

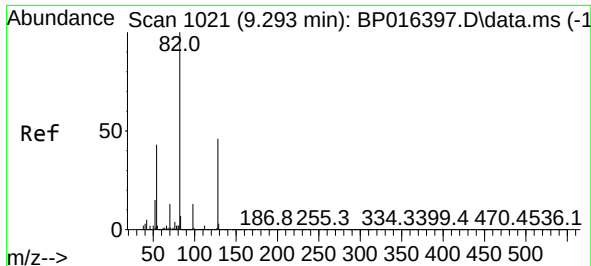
Tgt Ion: 99 Resp: 4101886
Ion Ratio Lower Upper
99 100
42 14.9 11.6 17.4
71 30.5 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.910 min Scan# 1296
Delta R.T. -0.018 min
Lab File: BP016458.D
Acq: 01 Aug 2023 16:12

Tgt Ion:136 Resp: 2077044
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 7.7 5.6 8.4
68 6.4 4.6 6.8





#23

Nitrobenzene-d5

Concen: 64.304 ng

RT: 9.275 min Scan# 1

Delta R.T. -0.018 min

Lab File: BP016458.D

Acq: 01 Aug 2023 16:12

Instrument :

BNA_P

ClientSampleId :

T841-BTW-01

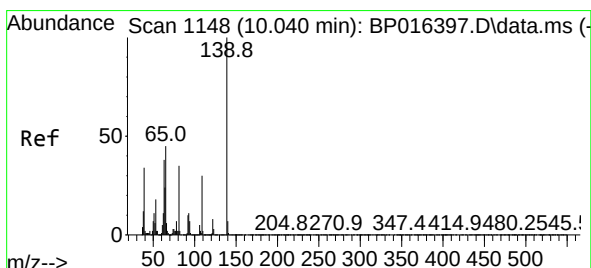
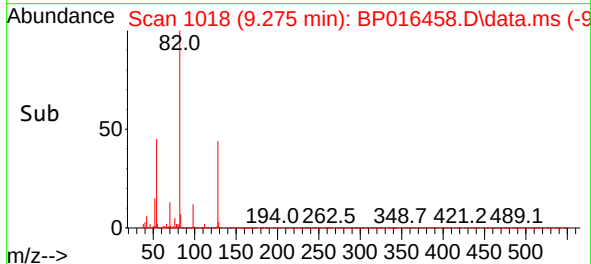
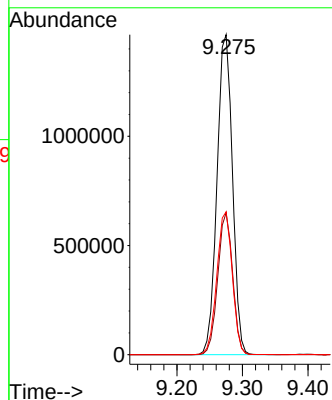
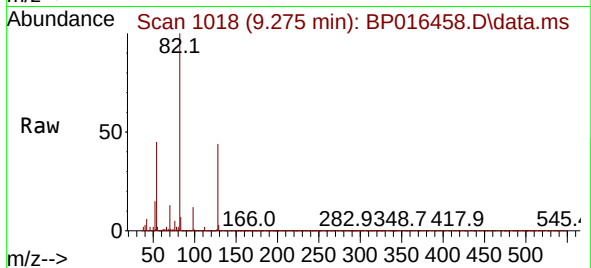
Tgt Ion: 82 Resp: 2385975

Ion Ratio Lower Upper

82 100

128 44.3 36.6 55.0

54 44.6 34.5 51.7



#26

2-Nitrophenol

Concen: 3.131 ng

RT: 10.016 min Scan# 1144

Delta R.T. -0.024 min

Lab File: BP016458.D

Acq: 01 Aug 2023 16:12

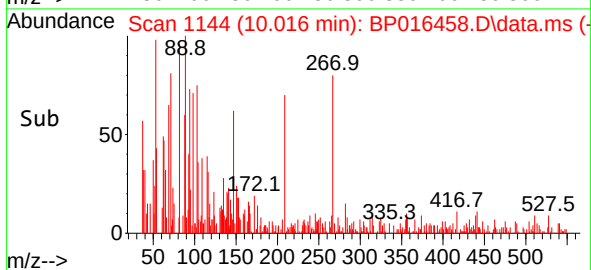
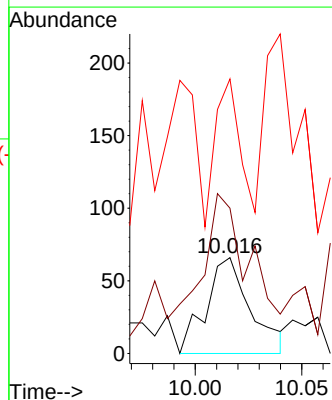
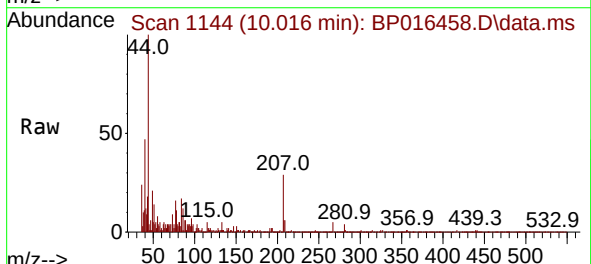
Tgt Ion: 139 Resp: 95

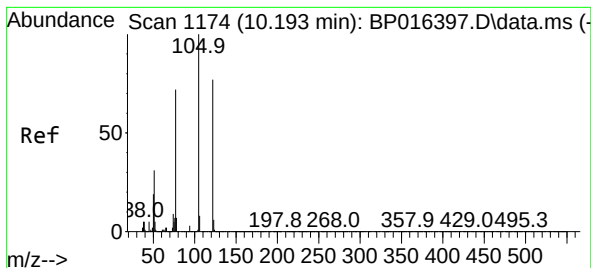
Ion Ratio Lower Upper

139 100

109 151.5 24.2 36.4#

65 286.4 35.8 53.6#





#32

Benzoic acid

Concen: 6.305 ng

RT: 10.152 min Scan# 1167

Delta R.T. -0.041 min

Lab File: BP016458.D

Acq: 01 Aug 2023 16:12

Instrument :

BNA_P

ClientSampleId :

T841-BTW-01

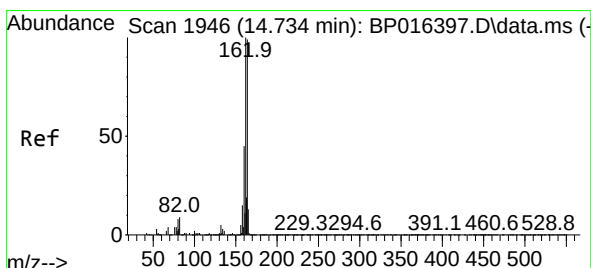
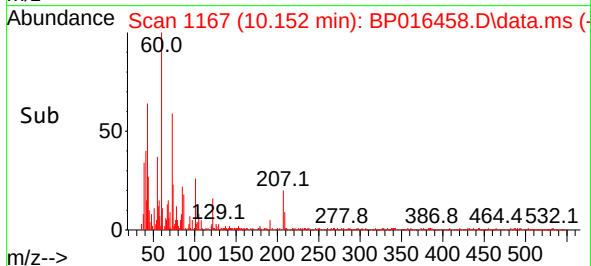
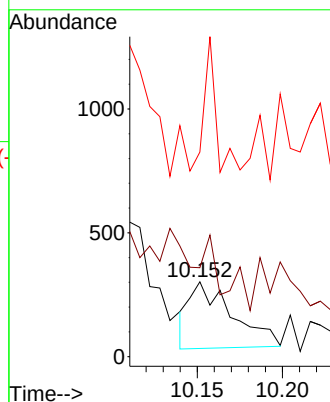
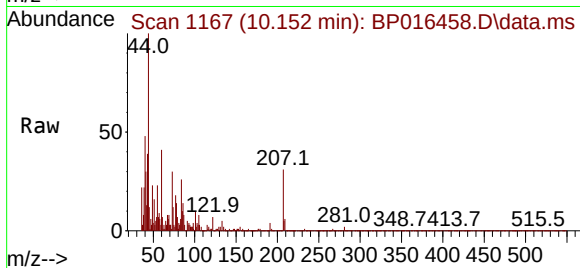
Tgt Ion:122 Resp: 474

Ion Ratio Lower Upper

122 100

105 114.7 105.2 145.2

77 263.9 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: BP016458.D

Acq: 01 Aug 2023 16:12

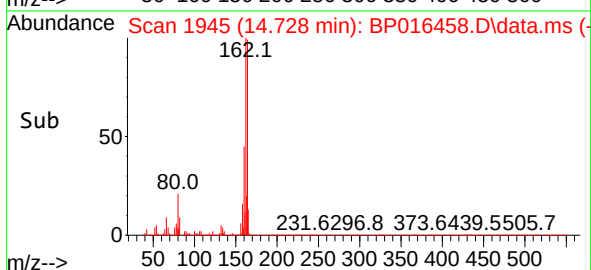
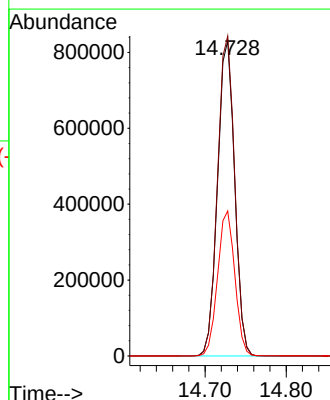
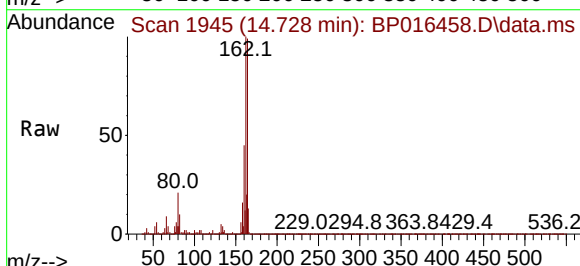
Tgt Ion:164 Resp: 1211888

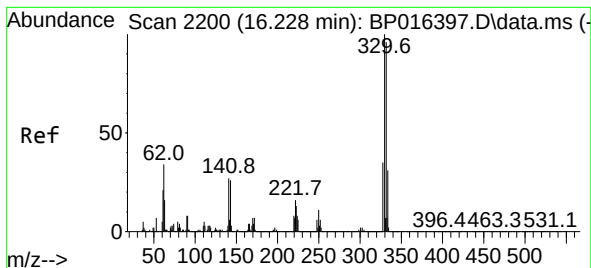
Ion Ratio Lower Upper

164 100

162 101.5 81.0 121.6

160 46.0 36.6 55.0





#42

2,4,6-Tribromophenol

Concen: 78.381 ng

RT: 16.222 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP016458.D

Acq: 01 Aug 2023 16:12

Instrument :

BNA_P

ClientSampleId :

T841-BTW-01

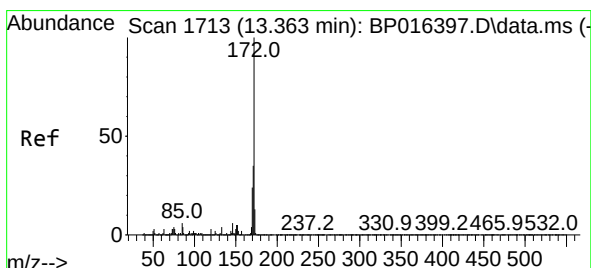
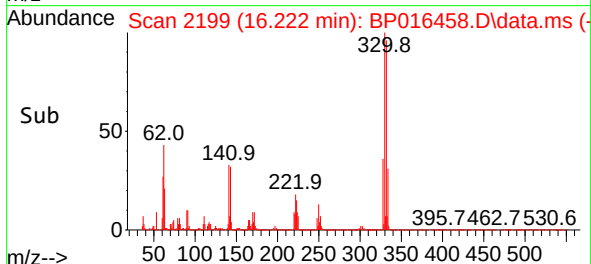
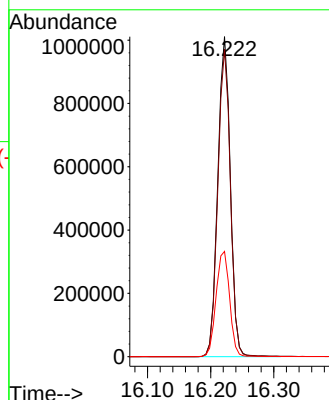
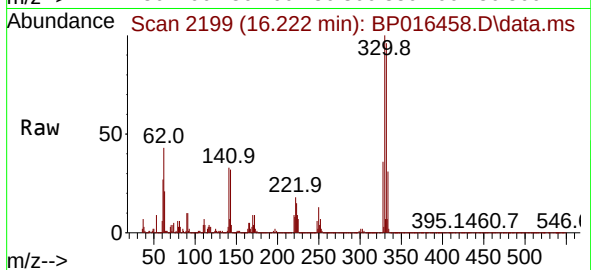
Tgt Ion:330 Resp: 1397427

Ion Ratio Lower Upper

330 100

332 96.4 77.8 116.8

141 35.5 22.6 34.0#



#45

2-Fluorobiphenyl

Concen: 63.428 ng

RT: 13.351 min Scan# 1711

Delta R.T. -0.012 min

Lab File: BP016458.D

Acq: 01 Aug 2023 16:12

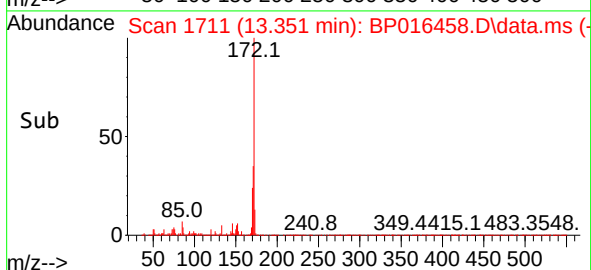
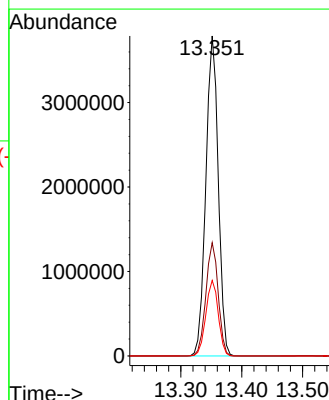
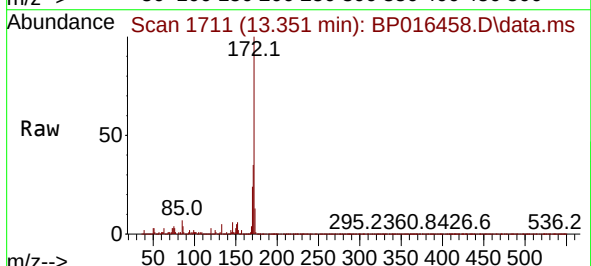
Tgt Ion:172 Resp: 5361632

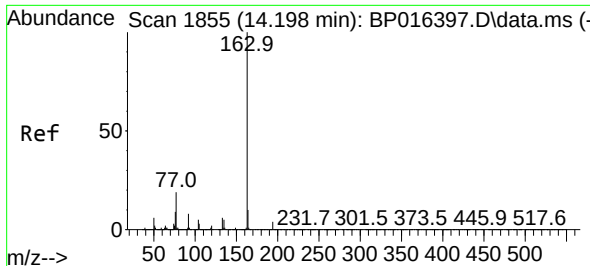
Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.2

170 23.6 19.1 28.7

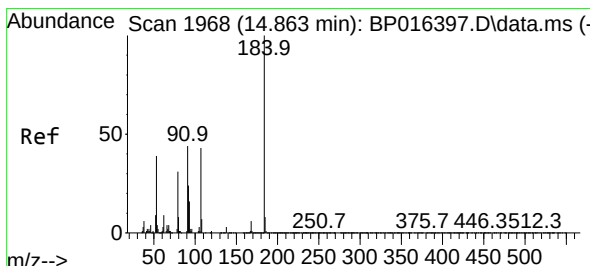
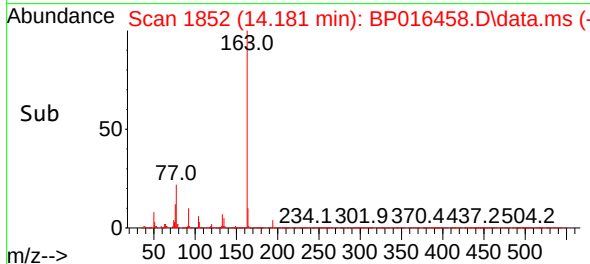
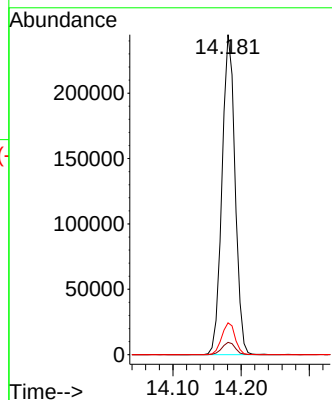
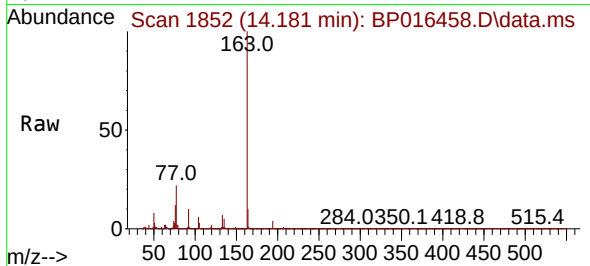




#50
Dimethylphthalate
Concen: 3.457 ng
RT: 14.181 min Scan# 1852
Delta R.T. -0.018 min
Lab File: BP016458.D
Acq: 01 Aug 2023 16:12

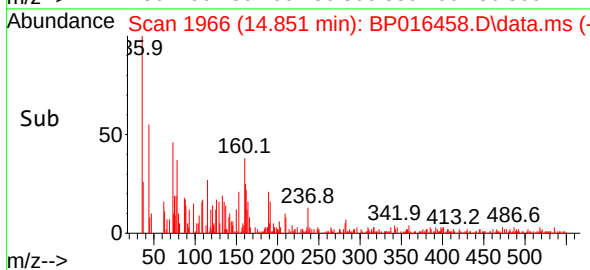
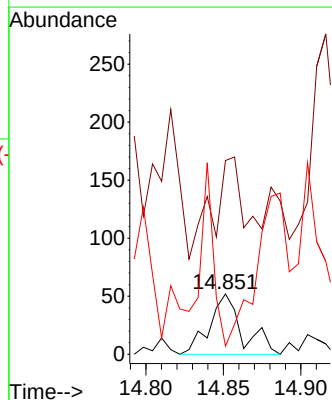
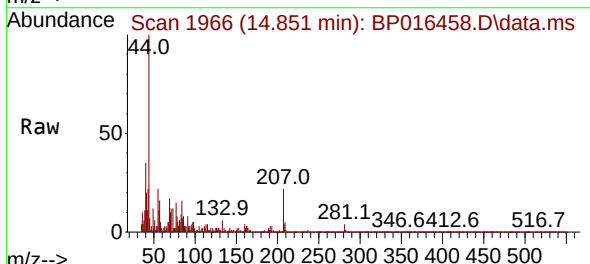
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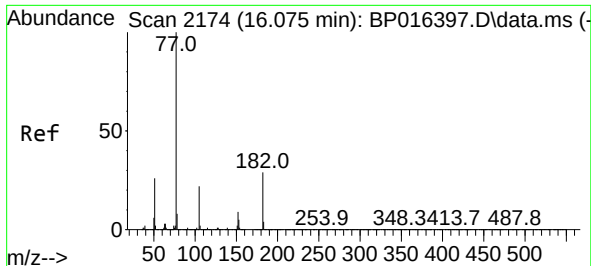
Tgt Ion:163 Resp: 326437
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.2
164 9.9 8.2 12.2



#54
2,4-Dinitrophenol
Concen: 8.009 ng
RT: 14.851 min Scan# 1966
Delta R.T. -0.012 min
Lab File: BP016458.D
Acq: 01 Aug 2023 16:12

Tgt Ion:184 Resp: 76
Ion Ratio Lower Upper
184 100
63 321.2 48.2 72.4#
154 13.5 49.6 74.4#

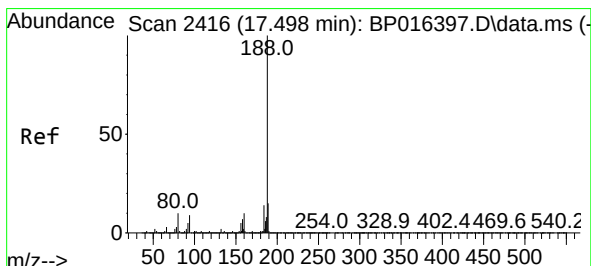
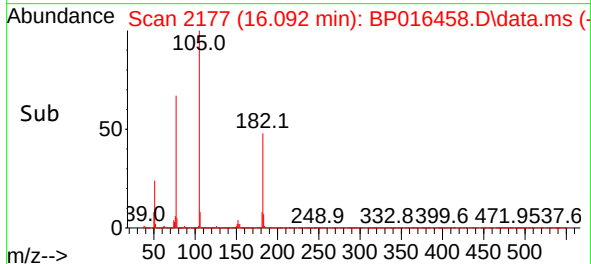
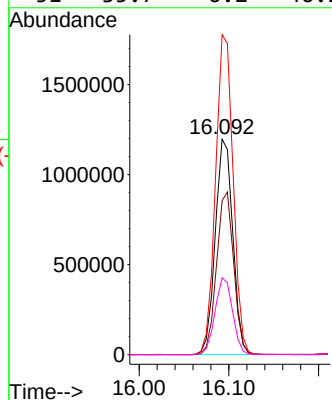
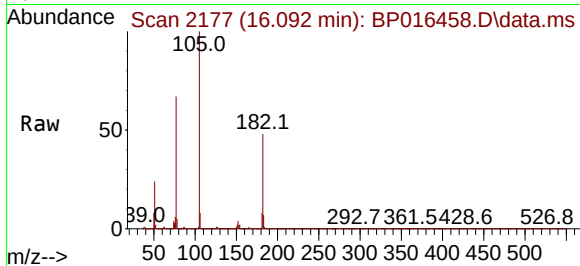




#63
Azobenzene
Concen: 18.278 ng
RT: 16.092 min Scan# 2174
Delta R.T. 0.018 min
Lab File: BP016458.D
Acq: 01 Aug 2023 16:12

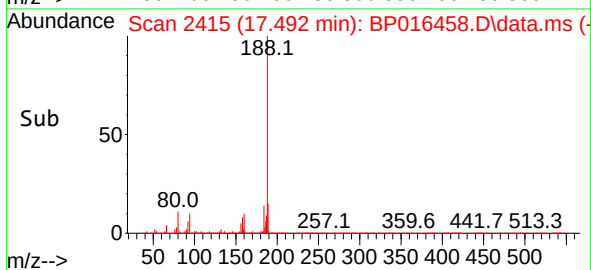
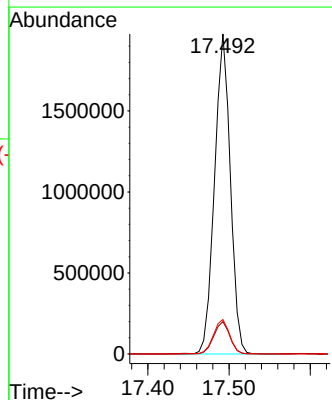
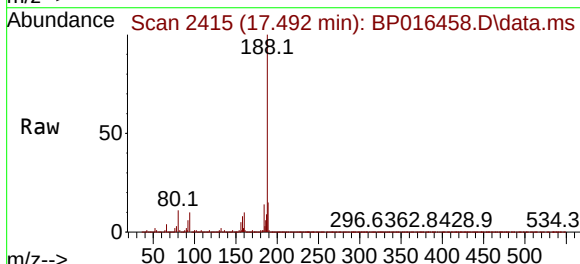
Instrument :
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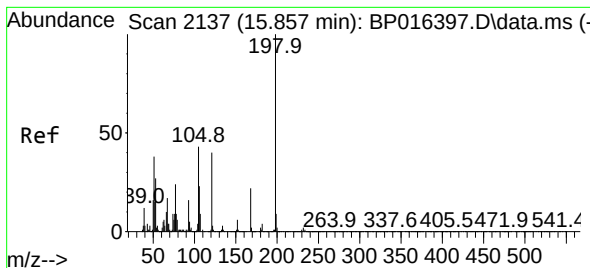
Tgt Ion: 77 Resp: 1619757
Ion Ratio Lower Upper
77 100
182 71.4 8.6 48.6#
105 148.5 2.4 42.4#
51 35.7 6.2 46.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.492 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BP016458.D
Acq: 01 Aug 2023 16:12

Tgt Ion:188 Resp: 2664789
Ion Ratio Lower Upper
188 100
94 10.1 7.4 11.0
80 10.8 7.8 11.8

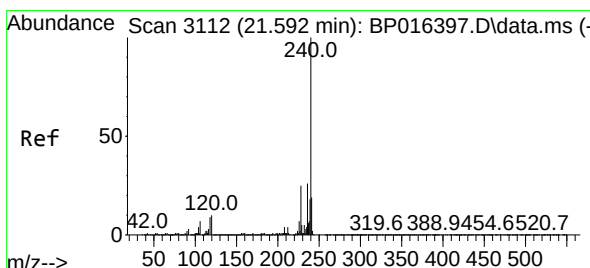
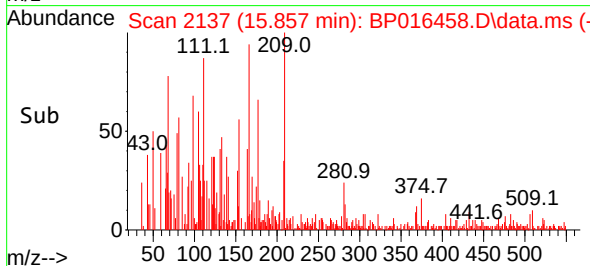
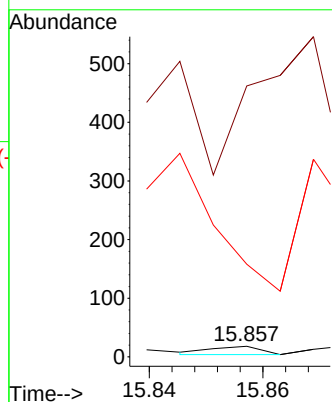
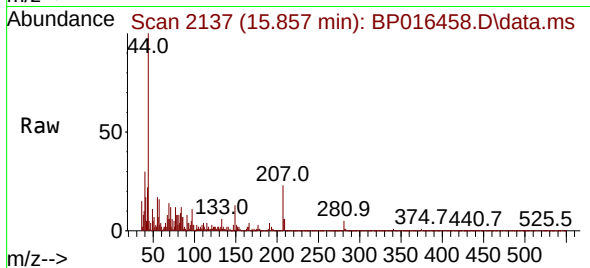




#65
4,6-Dinitro-2-methylphenol
Concen: 6.302 ng
RT: 15.857 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BP016458.D
Acq: 01 Aug 2023 16:12

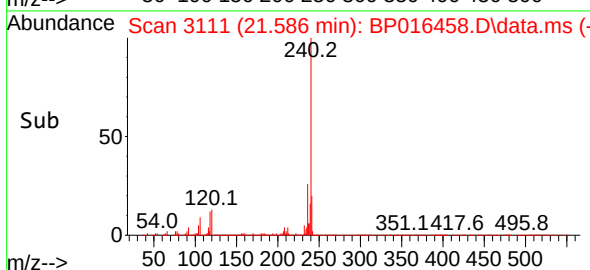
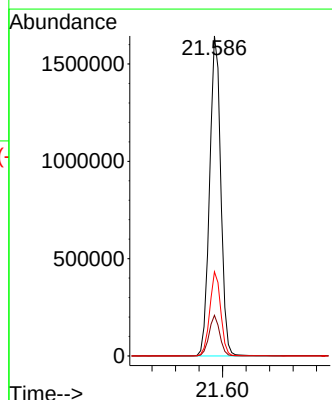
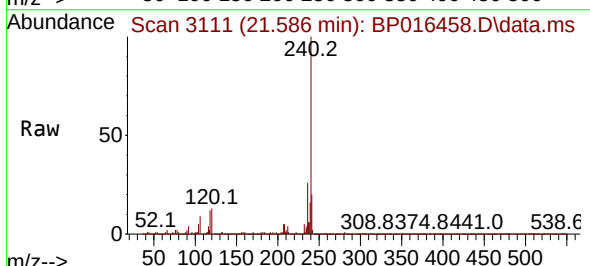
Instrument :
BNA_P
ClientSampleId :
T841-BTW-01

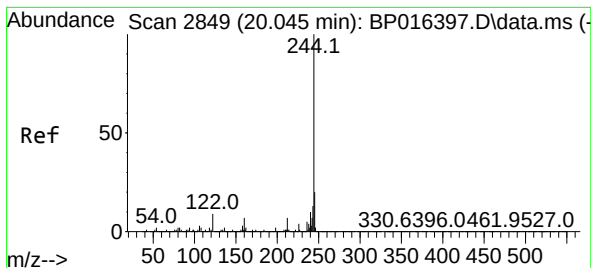
Tgt Ion:198 Resp: 8
Ion Ratio Lower Upper
198 100
51 1443.8 20.1 60.1#
105 493.8 23.1 63.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.586 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BP016458.D
Acq: 01 Aug 2023 16:12

Tgt Ion:240 Resp: 2154958
Ion Ratio Lower Upper
240 100
120 12.7 7.9 11.9#
236 26.3 21.1 31.7





#79

Terphenyl-d14

Concen: 79.116 ng

RT: 20.039 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP016458.D

Acq: 01 Aug 2023 16:12

Instrument :

BNA_P

ClientSampleId :

T841-BTW-01

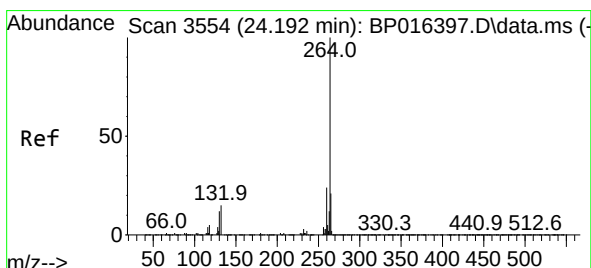
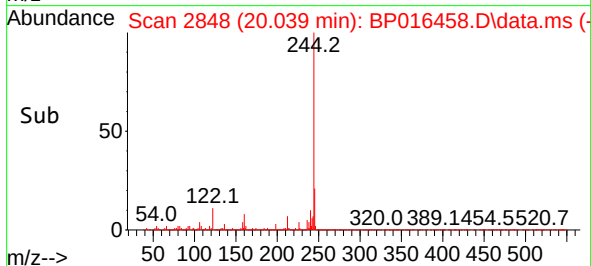
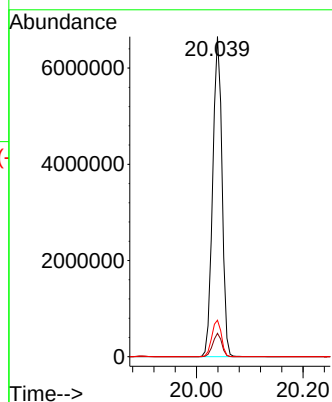
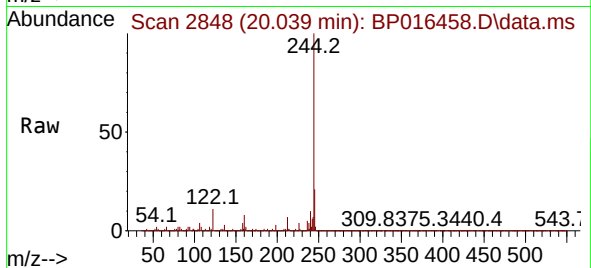
Tgt Ion:244 Resp: 8070941

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

122 11.4 7.4 11.2#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.186 min Scan# 3553

Delta R.T. -0.006 min

Lab File: BP016458.D

Acq: 01 Aug 2023 16:12

Tgt Ion:264 Resp: 2060668

Ion Ratio Lower Upper

264 100

260 23.3 19.3 28.9

265 21.7 17.4 26.0

