

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080123\
 Data File : BP016461.D
 Acq On : 01 Aug 2023 17:54
 Operator : MA/JU
 Sample : 03715-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 T842-CT-01

Quant Time: Aug 02 03:52:57 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)

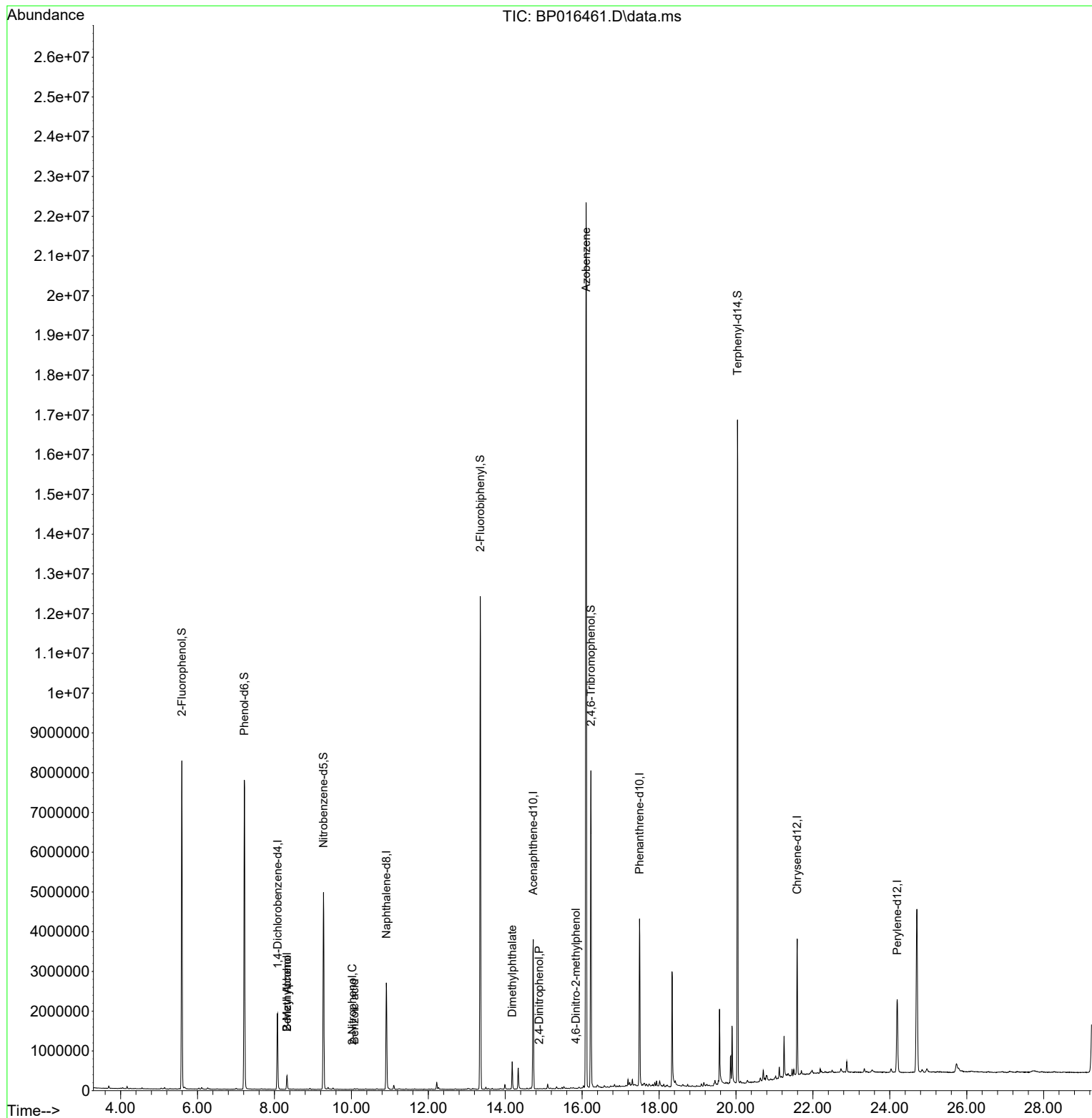
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	523158	20.000	ng	-0.01
21) Naphthalene-d8	10.910	136	2190569	20.000	ng	-0.02
39) Acenaphthene-d10	14.727	164	1234821	20.000	ng	0.00
64) Phenanthrene-d10	17.492	188	2412575	20.000	ng	0.00
76) Chrysene-d12	21.592	240	1560891	20.000	ng	0.00
86) Perylene-d12	24.192	264	1494435	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	3731994	116.378	ng	-0.01
7) Phenol-d6	7.216	99	4900502	111.490	ng	-0.01
23) Nitrobenzene-d5	9.275	82	2894472	73.966	ng	-0.02
42) 2,4,6-Tribromophenol	16.227	330	1541400	84.851	ng	0.00
45) 2-Fluorobiphenyl	13.351	172	6320837	73.387	ng	-0.01
79) Terphenyl-d14	20.039	244	7841309	106.120	ng	0.00
Target Compounds						
9) Benzaldehyde	7.228	77	40448	Below Cal	Qvalue #	82
15) Benzyl Alcohol	8.328	79	118313	3.940 ng		96
17) 2-Methylphenol	8.328	107	65291	2.122 ng	#	10
26) 2-Nitrophenol	10.028	139	212	3.137 ng	#	1
32) Benzoic acid	10.081	122	6803	6.541 ng		83
50) Dimethylphthalate	14.180	163	409945	4.260 ng		99
54) 2,4-Dinitrophenol	14.886	184	74	8.009 ng	#	1
63) Azobenzene	16.104	77	7220687	79.969 ng	#	1
65) 4,6-Dinitro-2-methylph...	15.839	198	97	6.309 ng	#	1

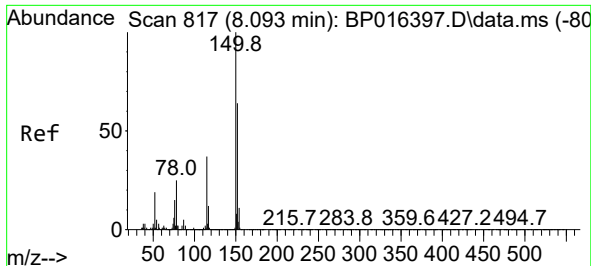
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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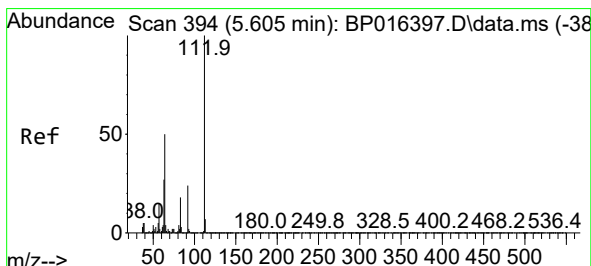
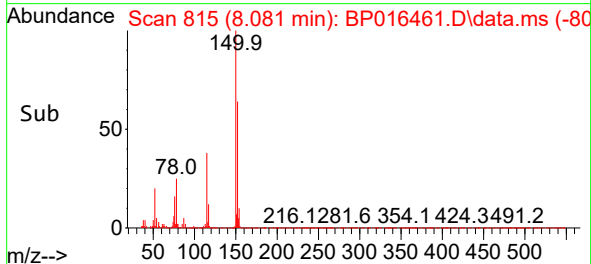
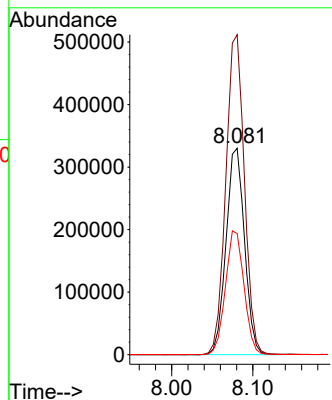
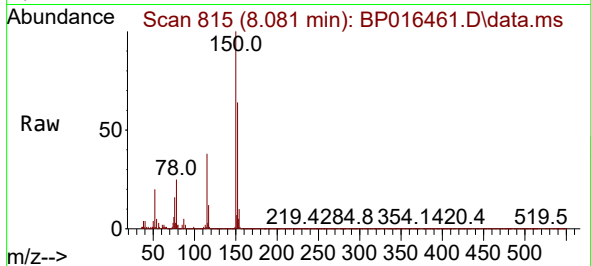




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.081 min Scan# 817
Delta R.T. -0.012 min
Lab File: BP016461.D
Acq: 01 Aug 2023 17:54

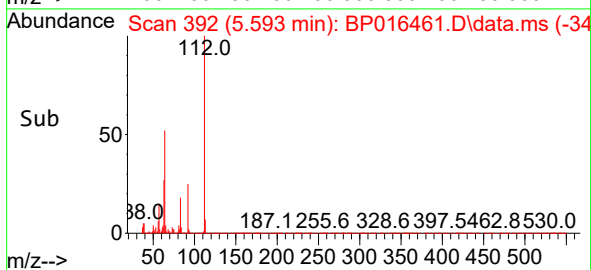
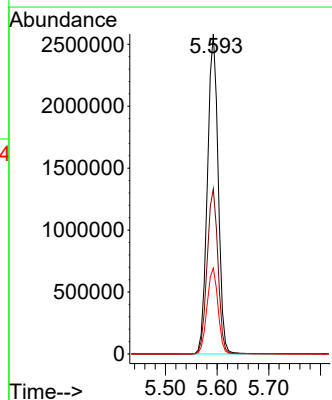
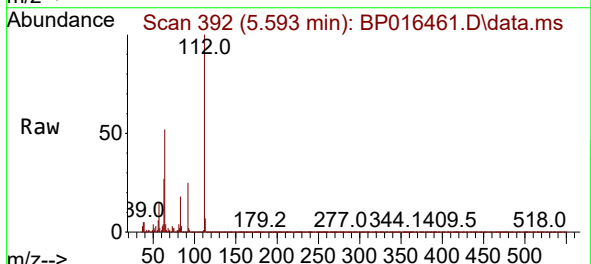
Instrument :
BNA_P
ClientSampleId :
T842-CT-01

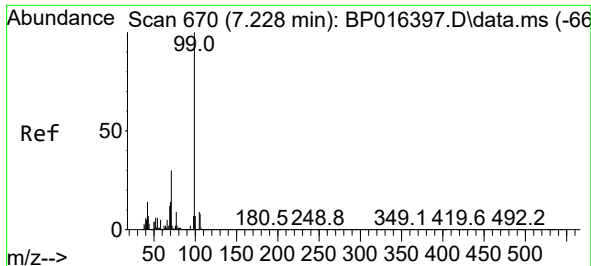
Tgt Ion:152 Resp: 523158
Ion Ratio Lower Upper
152 100
150 155.1 124.9 187.3
115 58.7 46.8 70.2



#5
2-Fluorophenol
Concen: 116.378 ng
RT: 5.593 min Scan# 392
Delta R.T. -0.012 min
Lab File: BP016461.D
Acq: 01 Aug 2023 17:54

Tgt Ion:112 Resp: 3731994
Ion Ratio Lower Upper
112 100
64 51.6 40.0 60.0
63 26.8 21.2 31.8

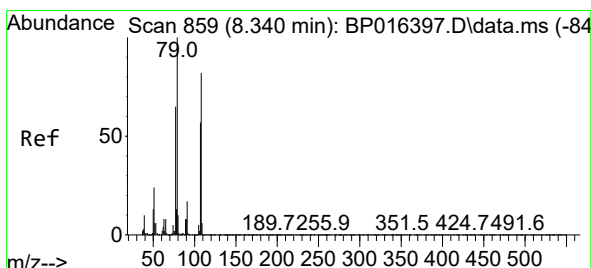
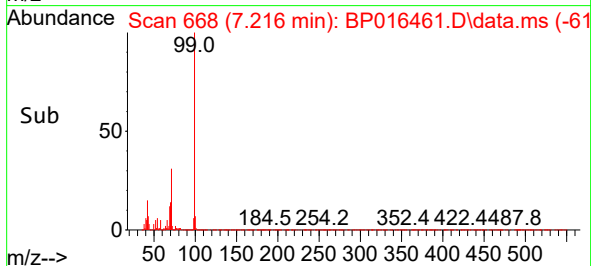
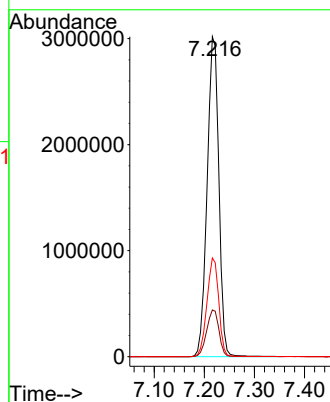
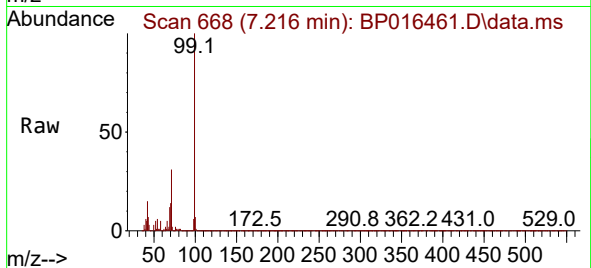




#7
Phenol-d6
Concen: 111.490 ng
RT: 7.216 min Scan# 60
Delta R.T. -0.012 min
Lab File: BP016461.D
Acq: 01 Aug 2023 17:54

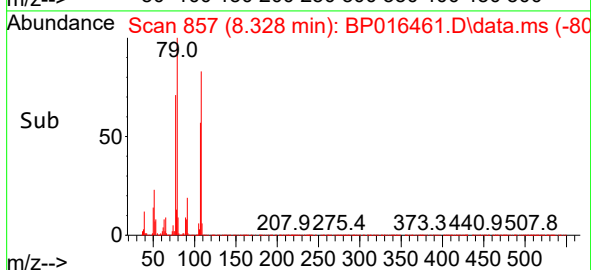
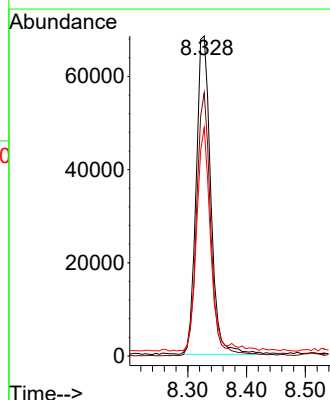
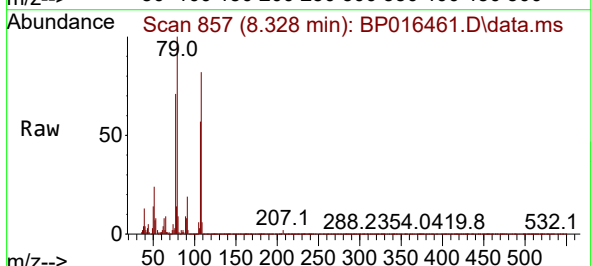
Instrument :
BNA_P
ClientSampleId :
T842-CT-01

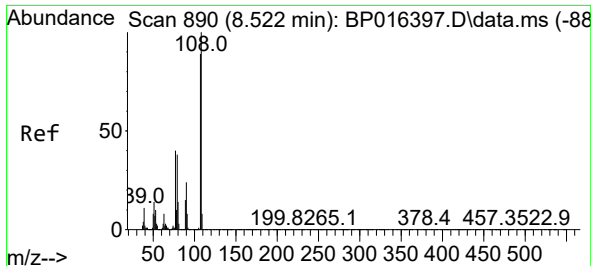
Tgt Ion: 99 Resp: 4900502
Ion Ratio Lower Upper
99 100
42 14.6 11.6 17.4
71 30.8 24.3 36.5



#15
Benzyl Alcohol
Concen: 3.940 ng
RT: 8.328 min Scan# 857
Delta R.T. -0.012 min
Lab File: BP016461.D
Acq: 01 Aug 2023 17:54

Tgt Ion: 79 Resp: 118313
Ion Ratio Lower Upper
79 100
108 82.2 65.4 98.2
77 71.4 51.8 77.8

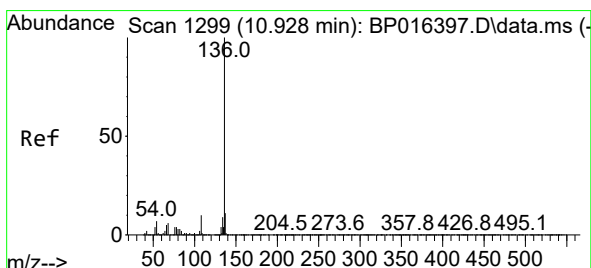
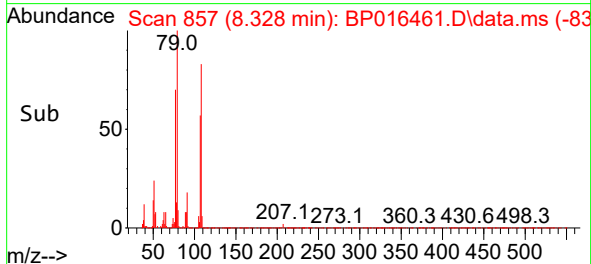
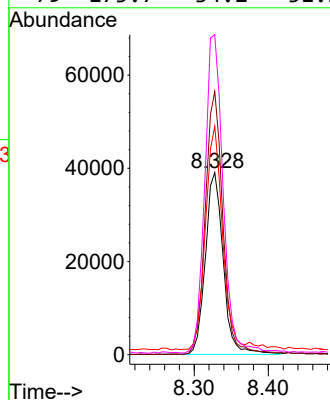
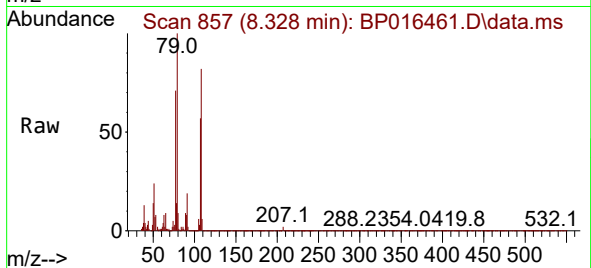




#17
2-Methylphenol
Concen: 2.122 ng
RT: 8.328 min Scan# 81
Delta R.T. -0.195 min
Lab File: BP016461.D
Acq: 01 Aug 2023 17:54

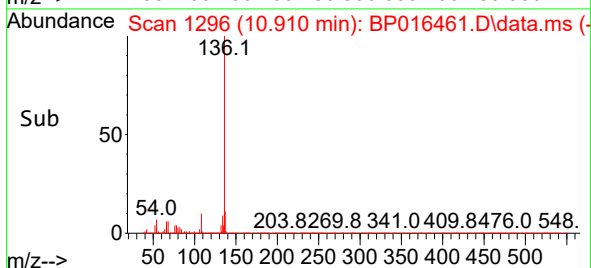
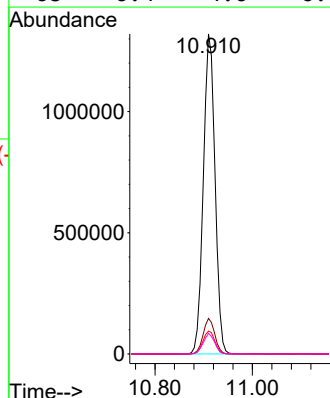
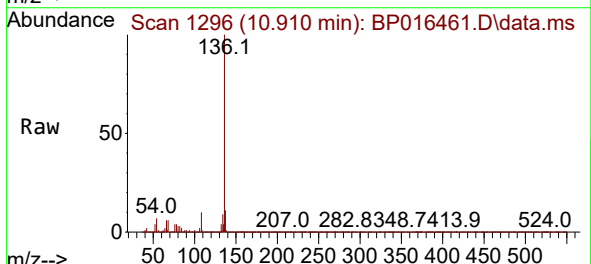
Instrument :
BNA_P
ClientSampleId :
T842-CT-01

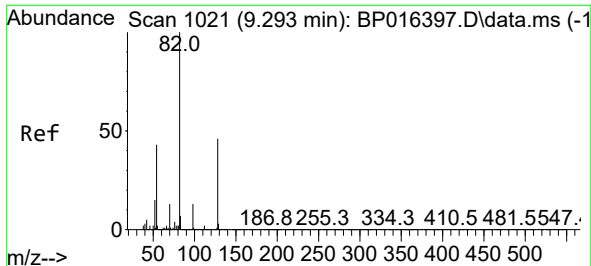
Tgt Ion:	107	Resp:	65291
Ion	Ratio	Lower	Upper
107	100		
108	144.5	89.6	134.4#
77	125.4	35.6	53.4#
79	175.7	34.2	51.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.910 min Scan# 1296
Delta R.T. -0.018 min
Lab File: BP016461.D
Acq: 01 Aug 2023 17:54

Tgt Ion:	136	Resp:	2190569
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	7.2	5.6	8.4
68	6.4	4.6	6.8





#23

Nitrobenzene-d5

Concen: 73.966 ng

RT: 9.275 min Scan# 1018

Delta R.T. -0.018 min

Lab File: BP016461.D

Acq: 01 Aug 2023 17:54

Instrument :

BNA_P

ClientSampleId :

T842-CT-01

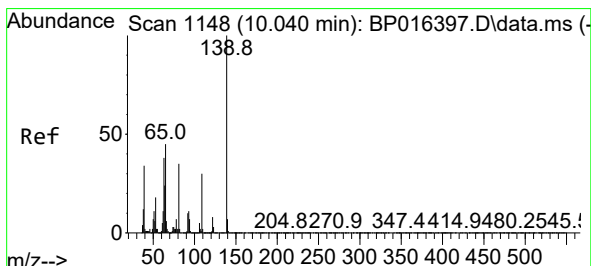
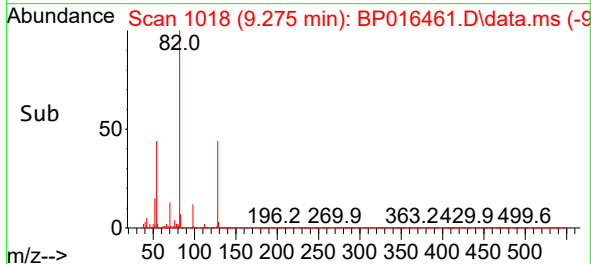
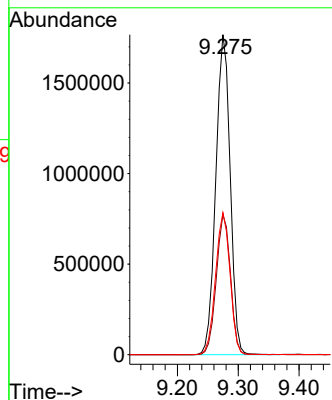
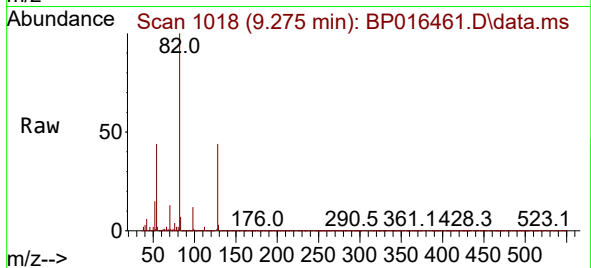
Tgt Ion: 82 Resp: 2894472

Ion Ratio Lower Upper

82 100

128 43.8 36.6 55.0

54 44.4 34.5 51.7



#26

2-Nitrophenol

Concen: 3.137 ng

RT: 10.028 min Scan# 1146

Delta R.T. -0.012 min

Lab File: BP016461.D

Acq: 01 Aug 2023 17:54

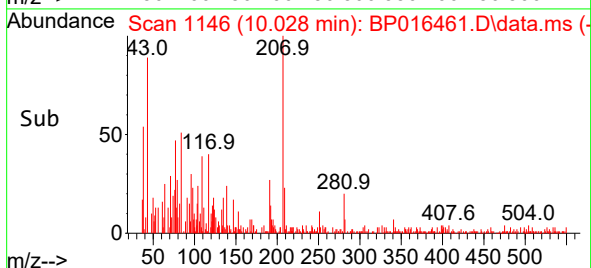
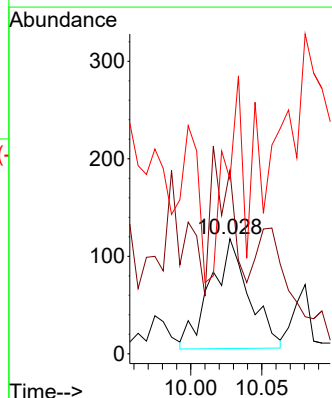
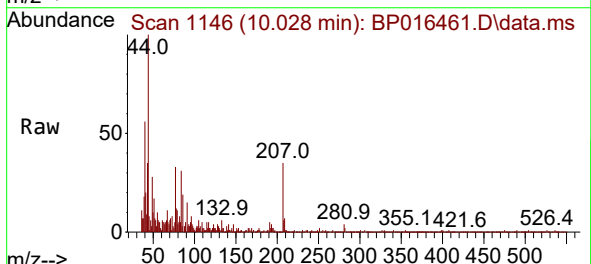
Tgt Ion:139 Resp: 212

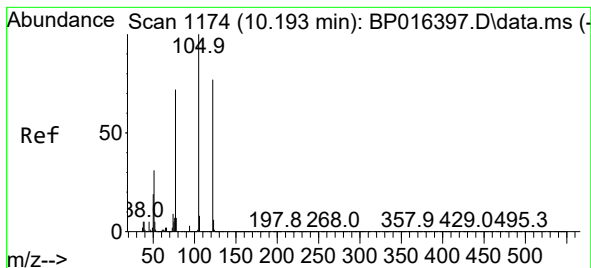
Ion Ratio Lower Upper

139 100

109 159.3 24.2 36.4#

65 151.7 35.8 53.6#





#32

Benzoic acid

Concen: 6.541 ng

RT: 10.081 min Scan# 1174

Delta R.T. -0.112 min

Lab File: BP016461.D

Acq: 01 Aug 2023 17:54

Instrument :

BNA_P

ClientSampleId :

T842-CT-01

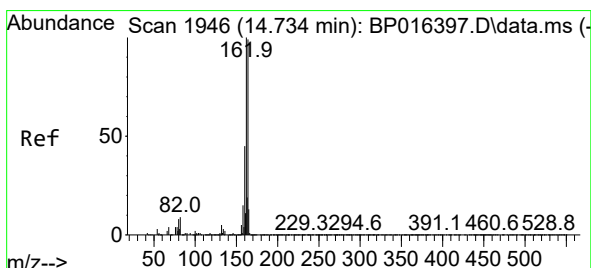
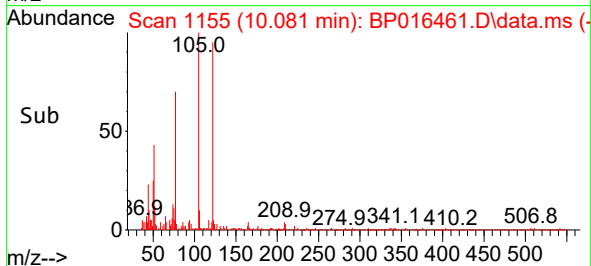
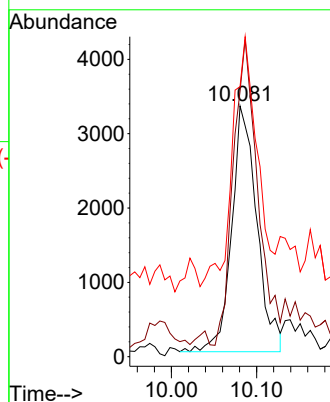
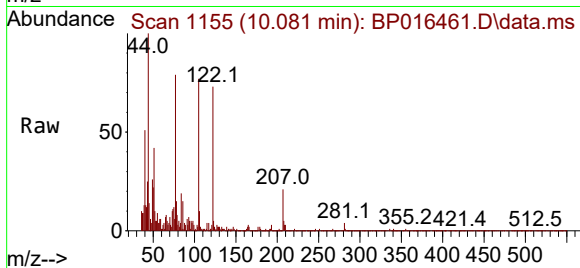
Tgt Ion:122 Resp: 6803

Ion Ratio Lower Upper

122 100

105 105.9 105.2 145.2

77 107.8 72.2 112.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.727 min Scan# 1945

Delta R.T. -0.006 min

Lab File: BP016461.D

Acq: 01 Aug 2023 17:54

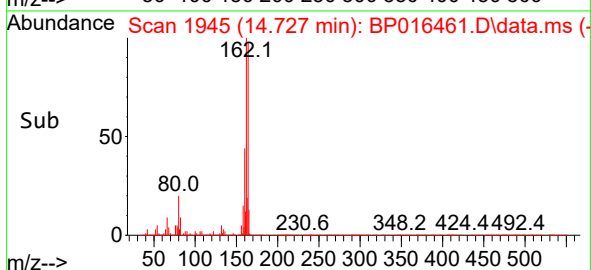
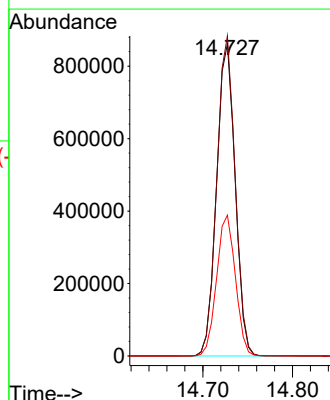
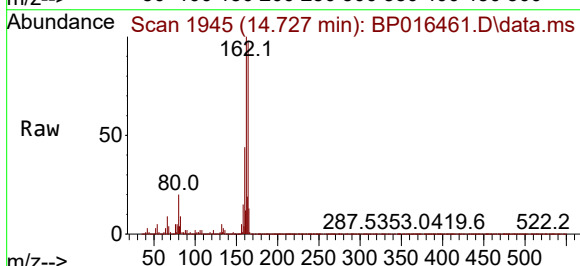
Tgt Ion:164 Resp: 1234821

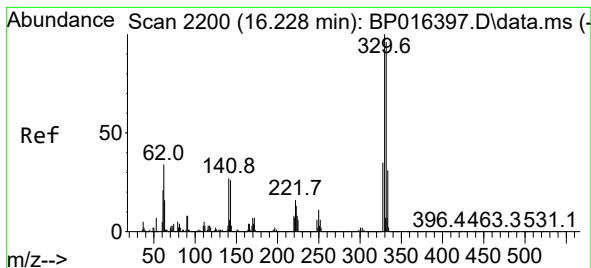
Ion Ratio Lower Upper

164 100

162 102.5 81.0 121.6

160 45.1 36.6 55.0





#42

2,4,6-Tribromophenol

Concen: 84.851 ng

RT: 16.227 min Scan# 21

Delta R.T. -0.001 min

Lab File: BP016461.D

Acq: 01 Aug 2023 17:54

Instrument :

BNA_P

ClientSampleId :

T842-CT-01

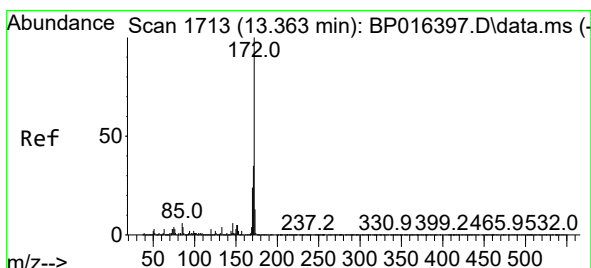
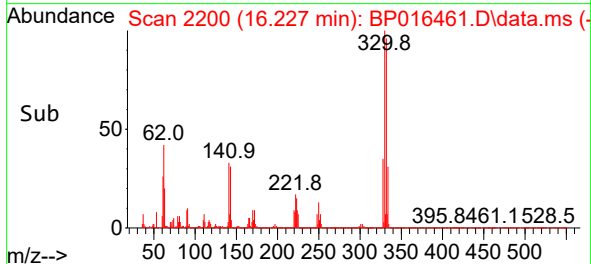
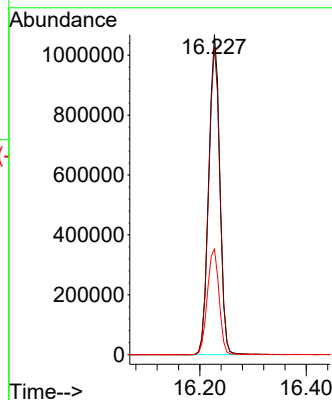
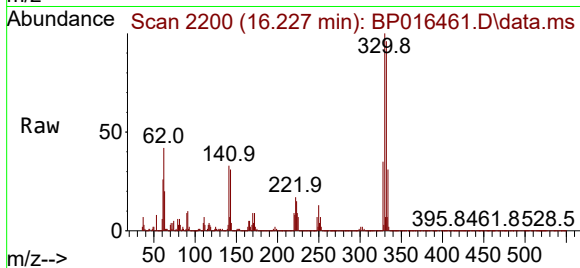
Tgt Ion:330 Resp: 1541400

Ion Ratio Lower Upper

330 100

332 97.0 77.8 116.8

141 34.9 22.6 34.0#



#45

2-Fluorobiphenyl

Concen: 73.387 ng

RT: 13.351 min Scan# 1711

Delta R.T. -0.012 min

Lab File: BP016461.D

Acq: 01 Aug 2023 17:54

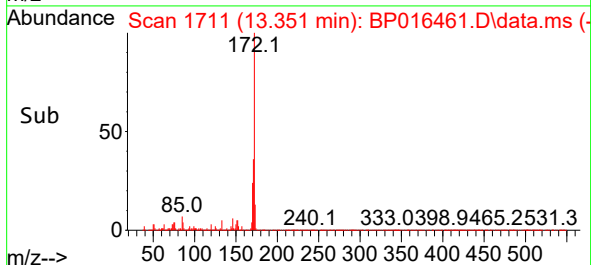
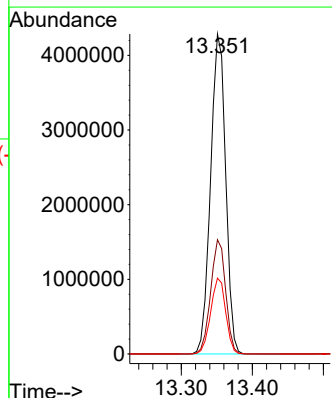
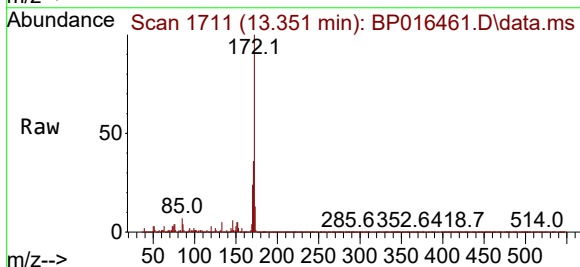
Tgt Ion:172 Resp: 6320837

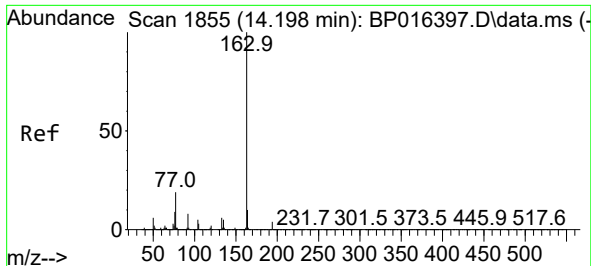
Ion Ratio Lower Upper

172 100

171 35.7 28.2 42.2

170 23.7 19.1 28.7

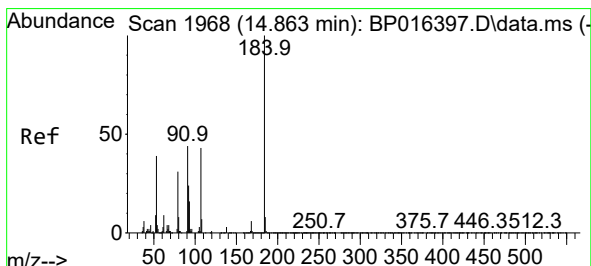
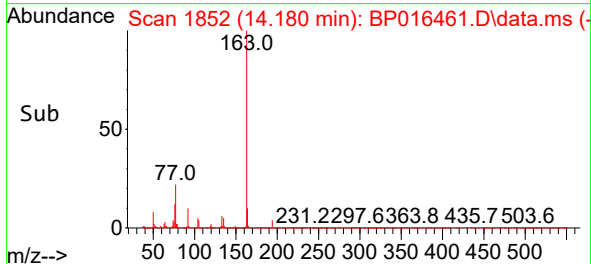
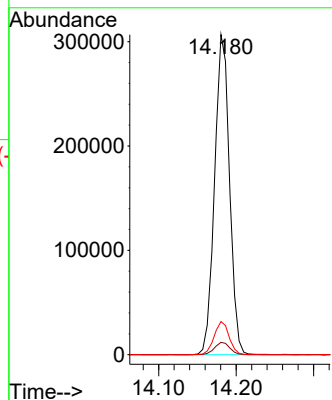
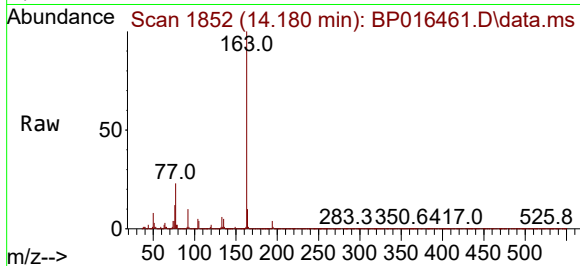




#50
Dimethylphthalate
Concen: 4.260 ng
RT: 14.180 min Scan# 1855
Delta R.T. -0.018 min
Lab File: BP016461.D
Acq: 01 Aug 2023 17:54

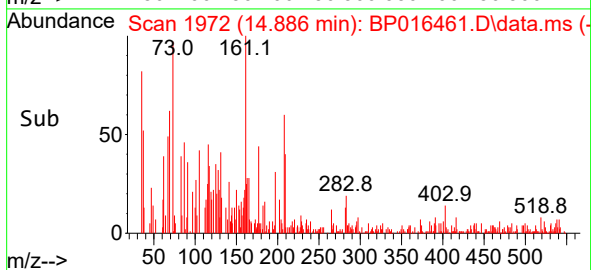
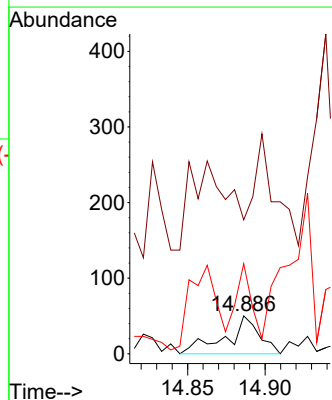
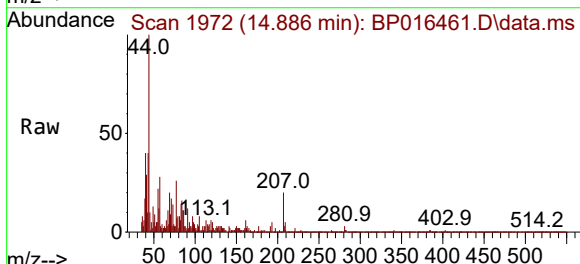
Instrument :
BNA_P
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T842-CT-01

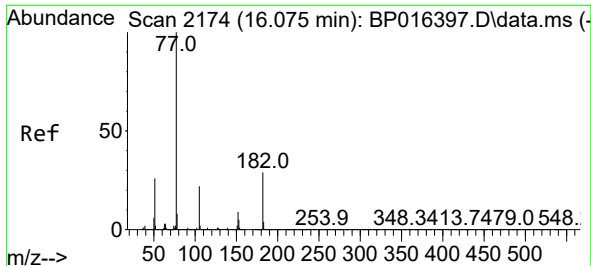
Tgt Ion:163 Resp: 409945
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.2
164 10.3 8.2 12.2



#54
2,4-Dinitrophenol
Concen: 8.009 ng
RT: 14.886 min Scan# 1972
Delta R.T. 0.023 min
Lab File: BP016461.D
Acq: 01 Aug 2023 17:54

Tgt Ion:184 Resp: 74
Ion Ratio Lower Upper
184 100
63 354.0 48.2 72.4#
154 238.0 49.6 74.4#

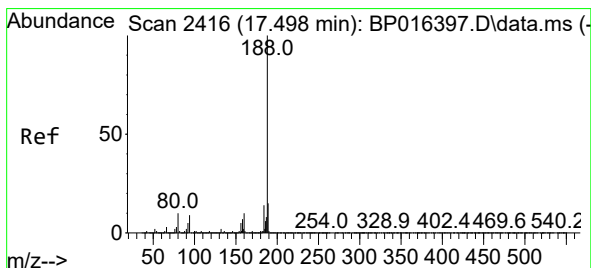
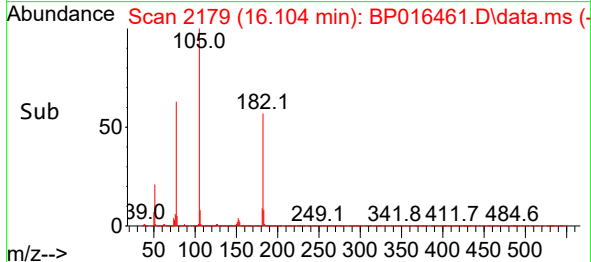
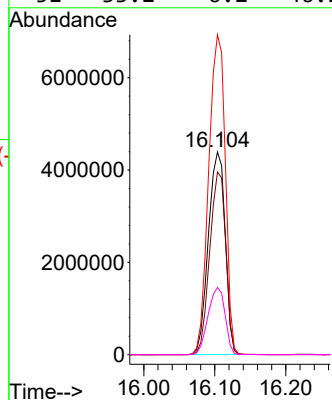
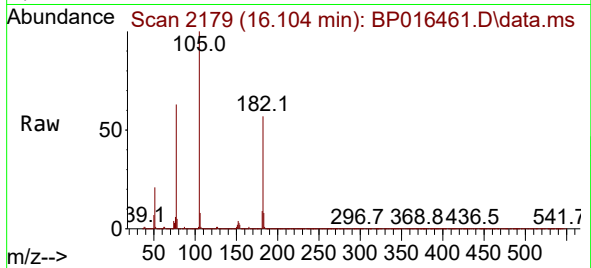




#63
Azobenzene
Concen: 79.969 ng
RT: 16.104 min Scan# 2174
Delta R.T. 0.029 min
Lab File: BP016461.D
Acq: 01 Aug 2023 17:54

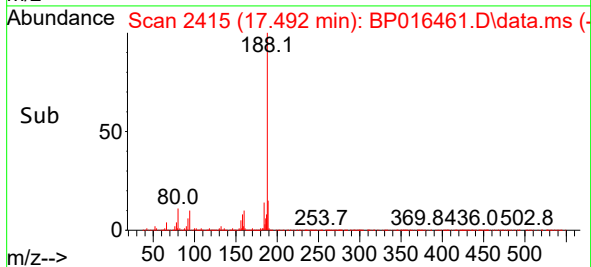
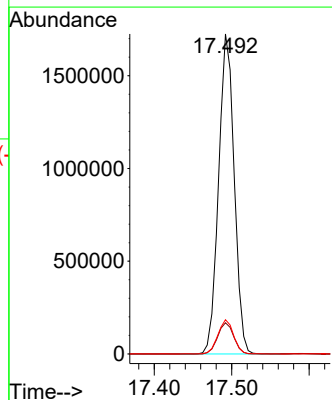
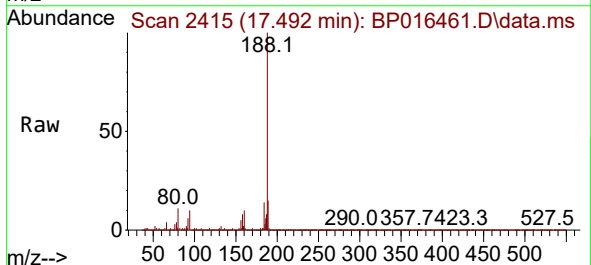
Instrument :
BNA_P
ClientSampleId :
T842-CT-01

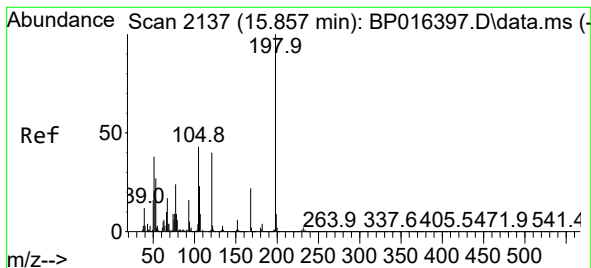
Tgt Ion: 77 Resp: 7220687
Ion Ratio Lower Upper
77 100
182 90.2 8.6 48.6#
105 157.9 2.4 42.4#
51 33.2 6.2 46.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.492 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BP016461.D
Acq: 01 Aug 2023 17:54

Tgt Ion: 188 Resp: 2412575
Ion Ratio Lower Upper
188 100
94 9.7 7.4 11.0
80 10.7 7.8 11.8

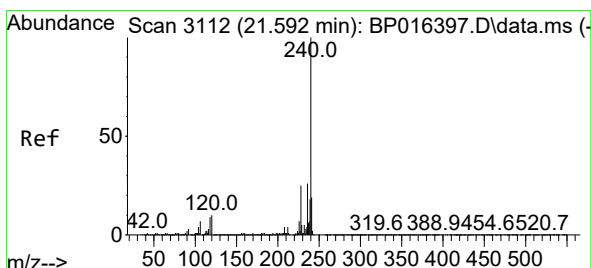
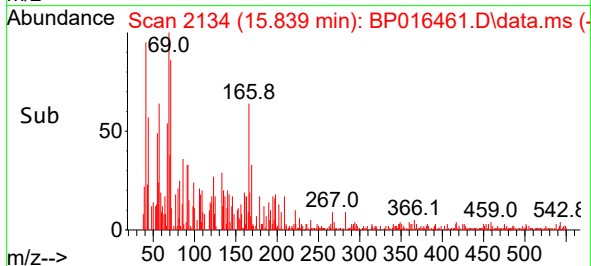
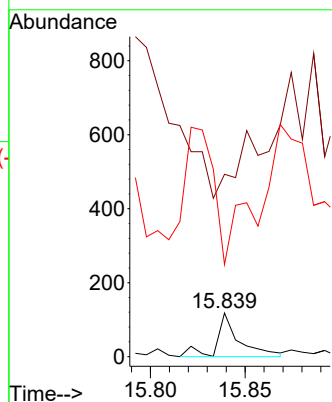
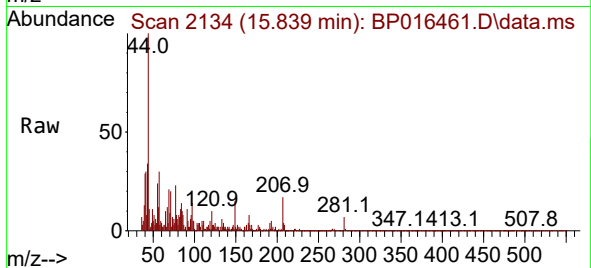




#65
4,6-Dinitro-2-methylphenol
Concen: 6.309 ng
RT: 15.839 min Scan# 2134
Delta R.T. -0.018 min
Lab File: BP016461.D
Acq: 01 Aug 2023 17:54

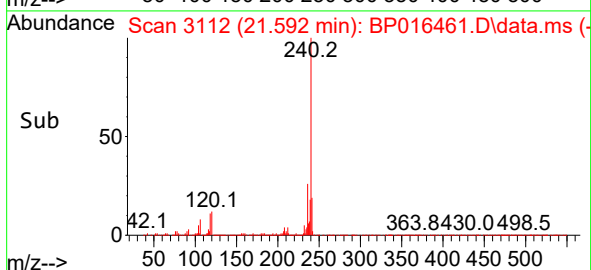
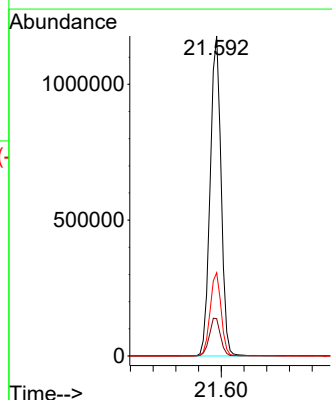
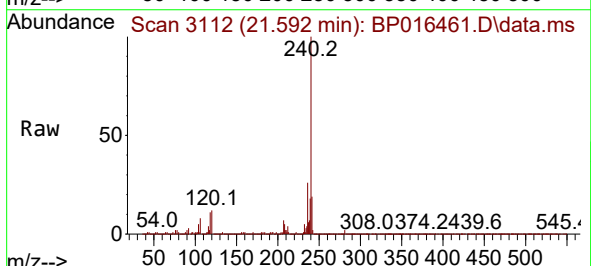
Instrument :
BNA_P
ClientSampleId :
T842-CT-01

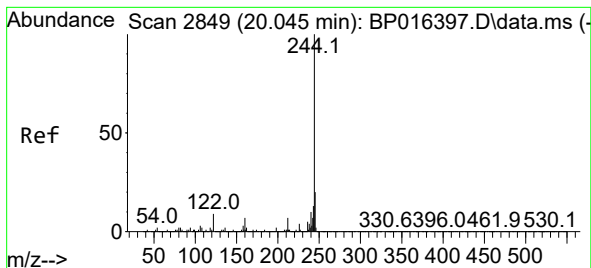
Tgt Ion:198 Resp: 97
Ion Ratio Lower Upper
198 100
51 417.8 20.1 60.1#
105 211.0 23.1 63.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.592 min Scan# 3112
Delta R.T. -0.000 min
Lab File: BP016461.D
Acq: 01 Aug 2023 17:54

Tgt Ion:240 Resp: 1560891
Ion Ratio Lower Upper
240 100
120 11.6 7.9 11.9
236 26.0 21.1 31.7





#79

Terphenyl-d14

Concen: 106.120 ng

RT: 20.039 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP016461.D

Acq: 01 Aug 2023 17:54

Instrument :

BNA_P

ClientSampleId :

T842-CT-01

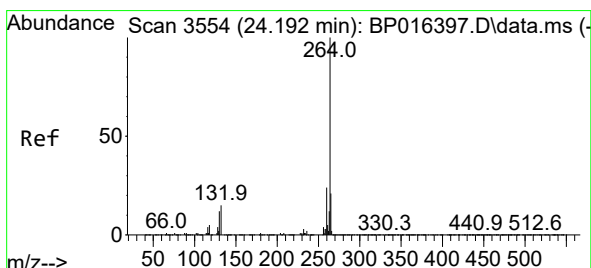
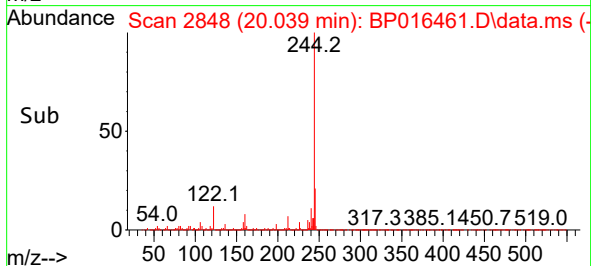
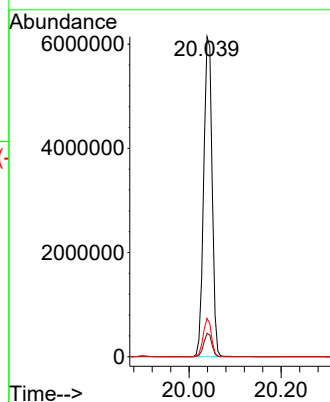
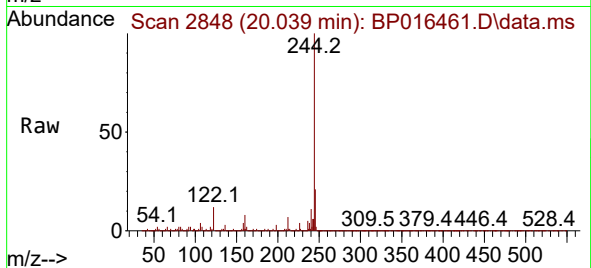
Tgt Ion:244 Resp: 7841309

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

122 12.0 7.4 11.2#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.192 min Scan# 3554

Delta R.T. -0.000 min

Lab File: BP016461.D

Acq: 01 Aug 2023 17:54

Tgt Ion:264 Resp: 1494435

Ion Ratio Lower Upper

264 100

260 23.7 19.3 28.9

265 21.6 17.4 26.0

