

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080123\
 Data File : BP016462.D
 Acq On : 01 Aug 2023 18:28
 Operator : MA/JU
 Sample : 03715-10
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 T842-CT-02

Quant Time: Aug 02 03:53:14 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)

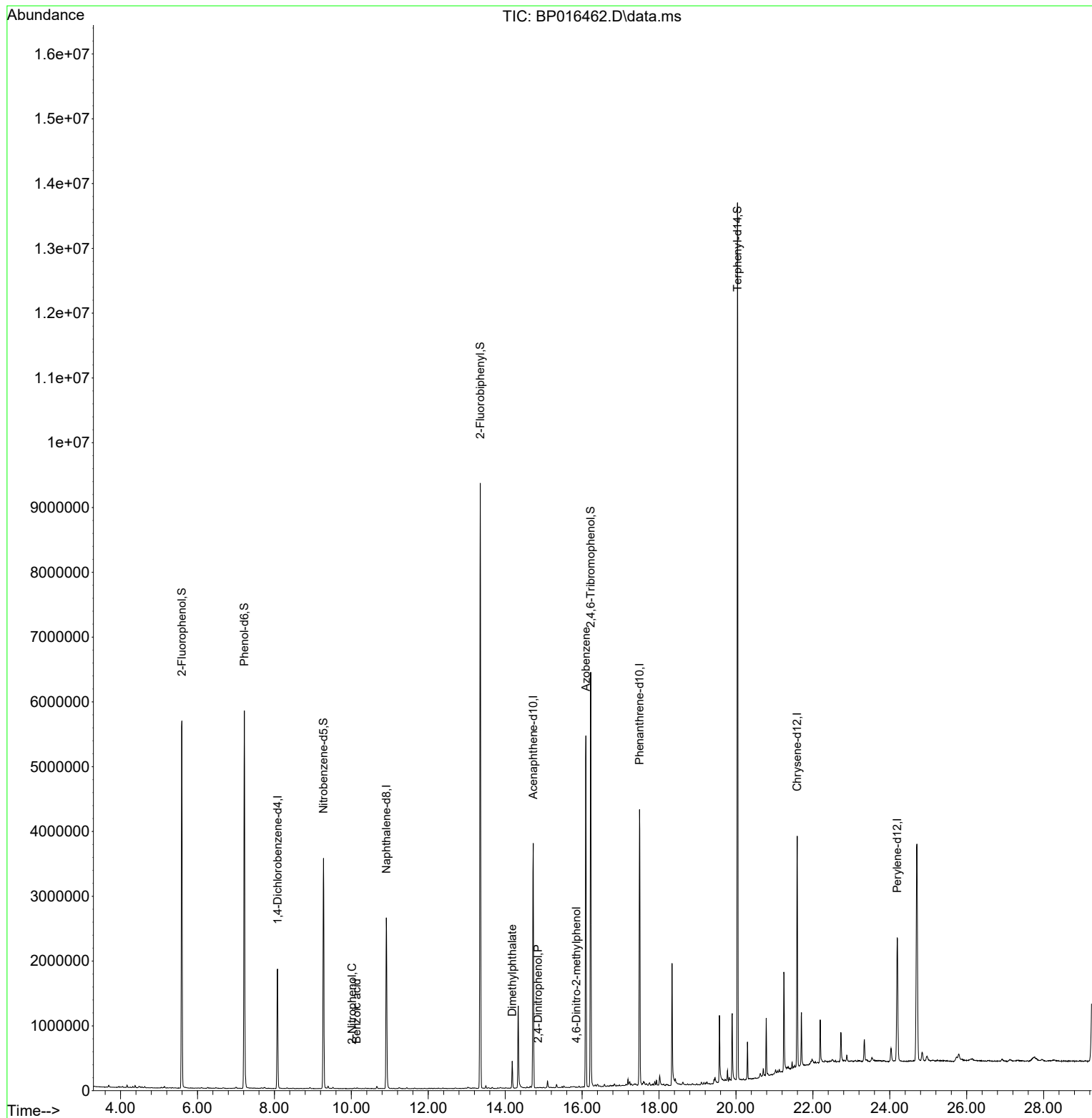
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	506729	20.000	ng	-0.01
21) Naphthalene-d8	10.910	136	2135929	20.000	ng	-0.02
39) Acenaphthene-d10	14.728	164	1231577	20.000	ng	0.00
64) Phenanthrene-d10	17.492	188	2489880	20.000	ng	0.00
76) Chrysene-d12	21.592	240	1621121	20.000	ng	0.00
86) Perylene-d12	24.192	264	1510478	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	2616984	84.254	ng	-0.01
7) Phenol-d6	7.216	99	3515152	82.565	ng	-0.01
23) Nitrobenzene-d5	9.275	82	2054205	53.837	ng	-0.02
42) 2,4,6-Tribromophenol	16.222	330	1119401	61.783	ng	0.00
45) 2-Fluorobiphenyl	13.351	172	4657480	54.217	ng	-0.01
79) Terphenyl-d14	20.039	244	6087082	79.318	ng	0.00
Target Compounds						
9) Benzaldehyde	7.222	77	16157	Below Cal	Qvalue #	56
26) 2-Nitrophenol	10.016	139	139	3.133 ng	#	1
32) Benzoic acid	10.134	122	491	6.305 ng	#	1
50) Dimethylphthalate	14.181	163	248220	2.586 ng		99
54) 2,4-Dinitrophenol	14.851	184	38	8.005 ng	#	1
63) Azobenzene	16.098	77	1538646	17.085 ng	#	1
65) 4,6-Dinitro-2-methylph...	15.851	198	18	6.303 ng	#	1

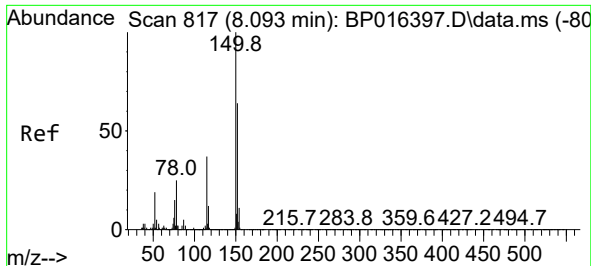
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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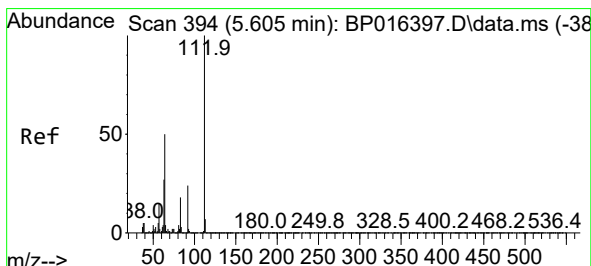
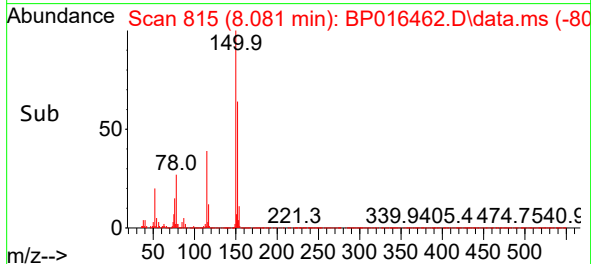
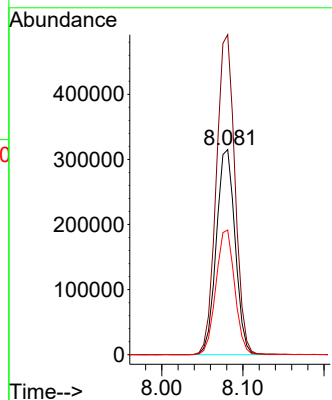
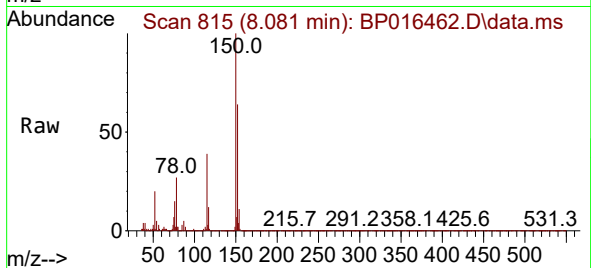




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.081 min Scan# 817
Delta R.T. -0.012 min
Lab File: BP016462.D
Acq: 01 Aug 2023 18:28

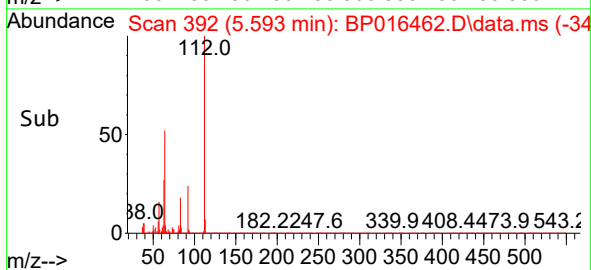
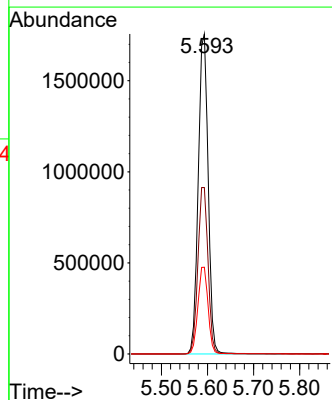
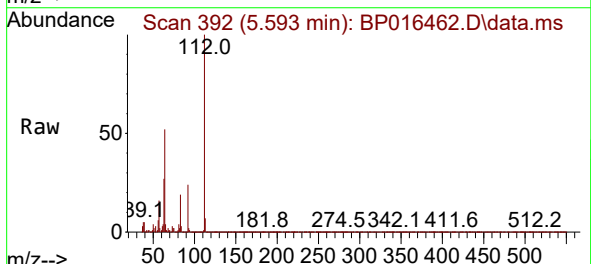
Instrument :
BNA_P
ClientSampleId :
T842-CT-02

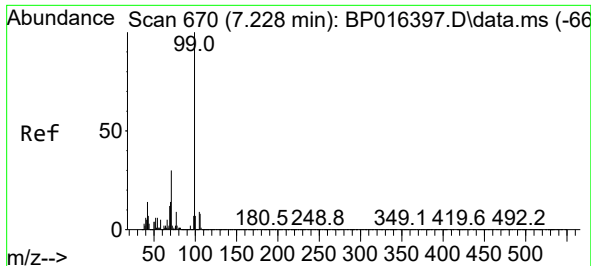
Tgt Ion:152 Resp: 506729
Ion Ratio Lower Upper
152 100
150 155.9 124.9 187.3
115 60.7 46.8 70.2



#5
2-Fluorophenol
Concen: 84.254 ng
RT: 5.593 min Scan# 392
Delta R.T. -0.012 min
Lab File: BP016462.D
Acq: 01 Aug 2023 18:28

Tgt Ion:112 Resp: 2616984
Ion Ratio Lower Upper
112 100
64 52.0 40.0 60.0
63 27.1 21.2 31.8

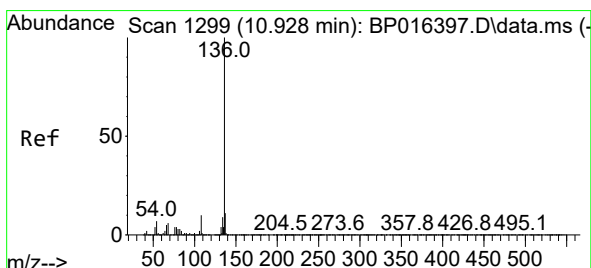
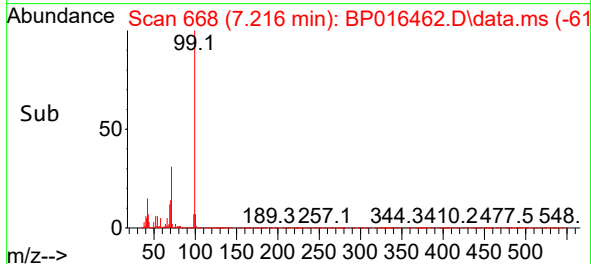
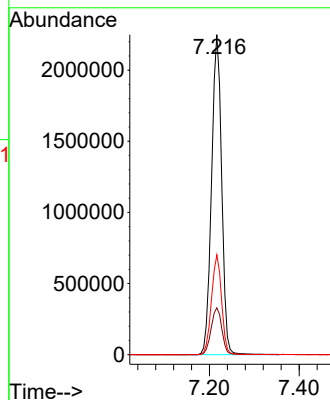
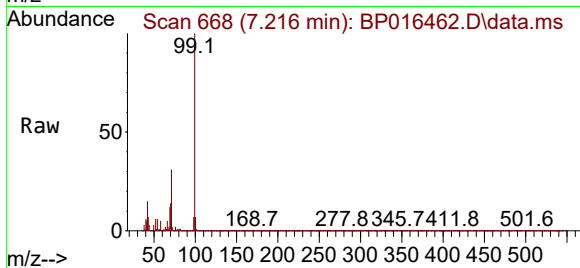




#7
Phenol-d6
Concen: 82.565 ng
RT: 7.216 min Scan# 60
Delta R.T. -0.012 min
Lab File: BP016462.D
Acq: 01 Aug 2023 18:28

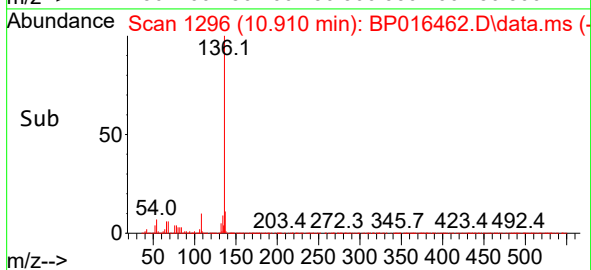
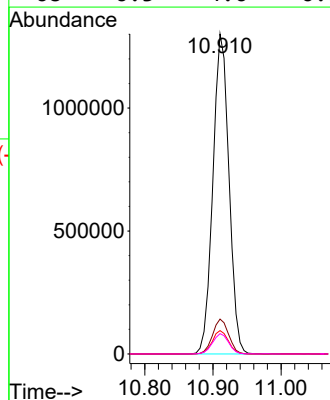
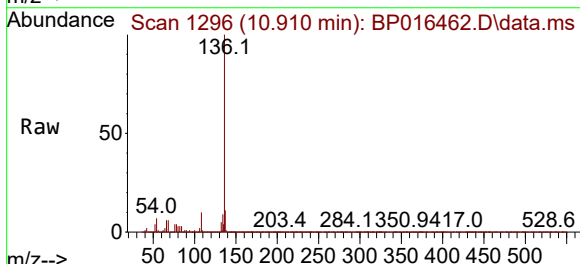
Instrument :
BNA_P
ClientSampleId :
T842-CT-02

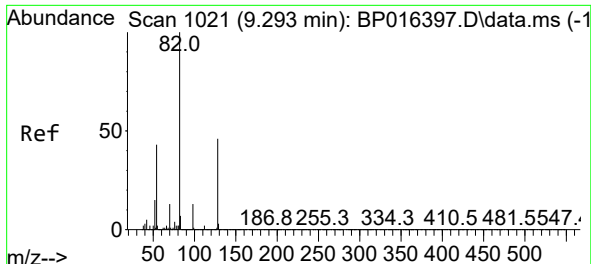
Tgt Ion: 99 Resp: 3515152
Ion Ratio Lower Upper
99 100
42 14.7 11.6 17.4
71 31.2 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.910 min Scan# 1296
Delta R.T. -0.018 min
Lab File: BP016462.D
Acq: 01 Aug 2023 18:28

Tgt Ion:136 Resp: 2135929
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.3 5.6 8.4
68 6.3 4.6 6.8





#23

Nitrobenzene-d5

Concen: 53.837 ng

RT: 9.275 min Scan# 1018

Delta R.T. -0.018 min

Lab File: BP016462.D

Acq: 01 Aug 2023 18:28

Instrument :

BNA_P

ClientSampleId :

T842-CT-02

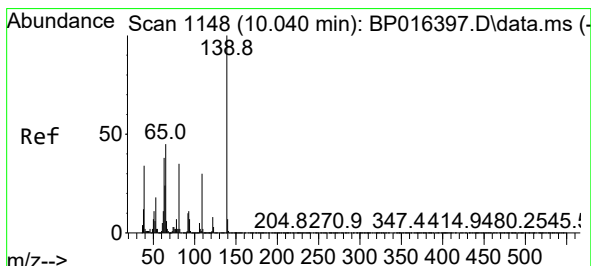
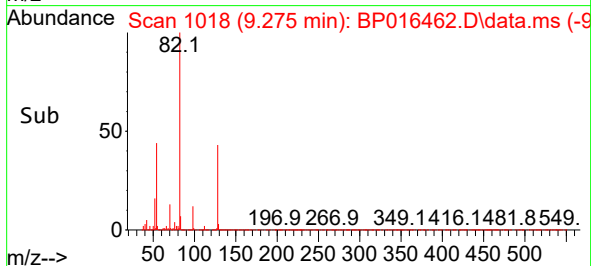
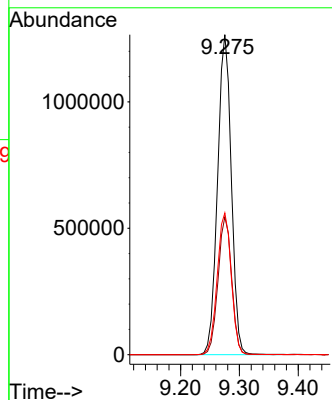
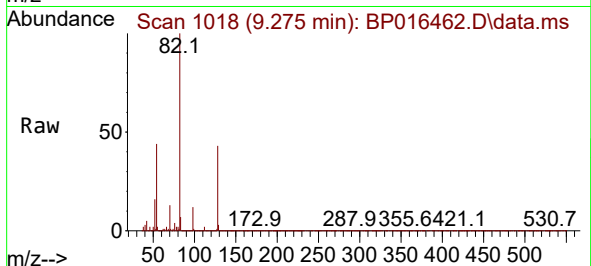
Tgt Ion: 82 Resp: 2054205

Ion Ratio Lower Upper

82 100

128 43.1 36.6 55.0

54 44.3 34.5 51.7



#26

2-Nitrophenol

Concen: 3.133 ng

RT: 10.016 min Scan# 1144

Delta R.T. -0.024 min

Lab File: BP016462.D

Acq: 01 Aug 2023 18:28

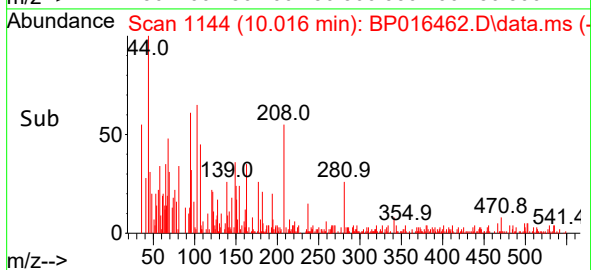
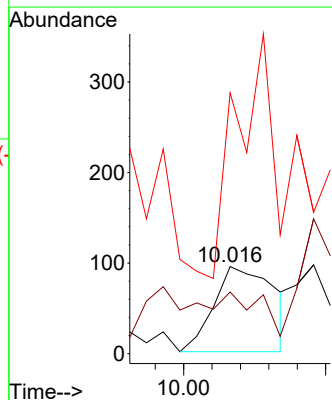
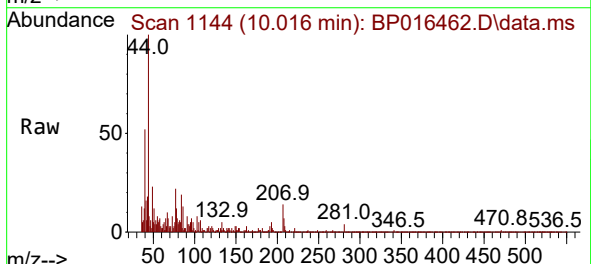
Tgt Ion: 139 Resp: 139

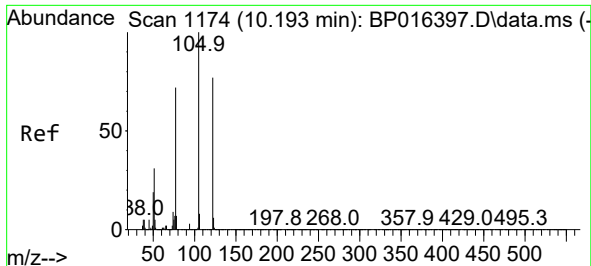
Ion Ratio Lower Upper

139 100

109 70.8 24.2 36.4#

65 300.0 35.8 53.6#

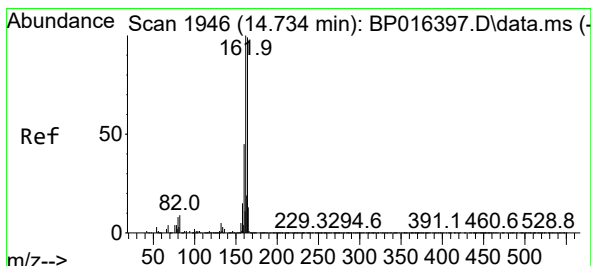
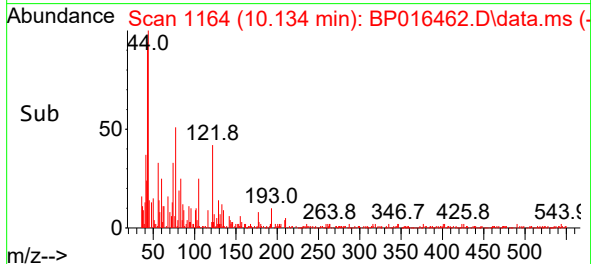
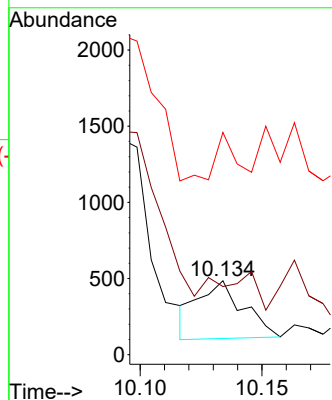
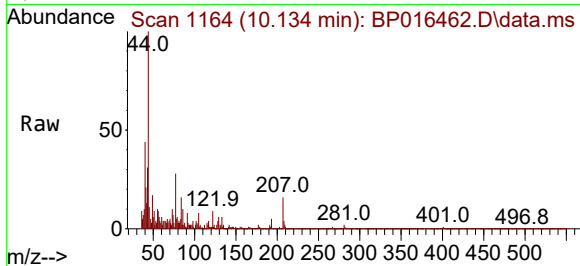




#32
Benzoic acid
Concen: 6.305 ng
RT: 10.134 min Scan# 1164
Delta R.T. -0.059 min
Lab File: BP016462.D
Acq: 01 Aug 2023 18:28

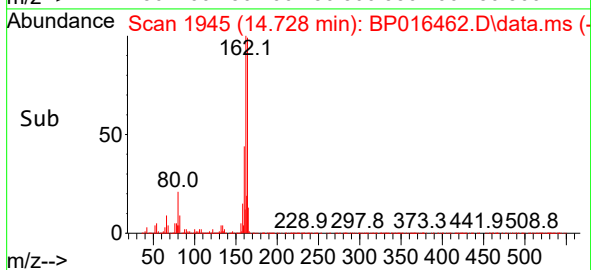
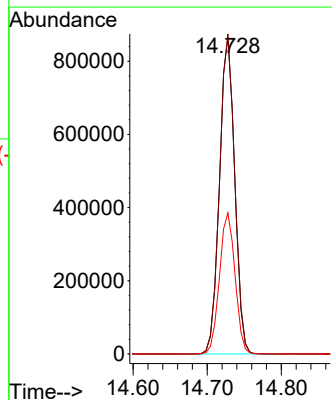
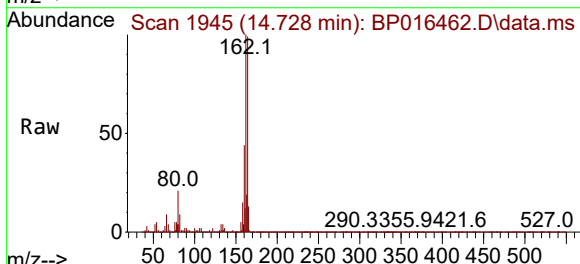
Instrument :
BNA_P
ClientSampleId :
T842-CT-02

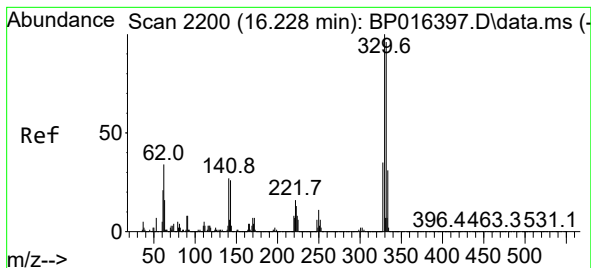
Tgt Ion:122 Resp: 491
Ion Ratio Lower Upper
122 100
105 92.4 105.2 145.2#
77 300.8 72.2 112.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.728 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BP016462.D
Acq: 01 Aug 2023 18:28

Tgt Ion:164 Resp: 1231577
Ion Ratio Lower Upper
164 100
162 101.0 81.0 121.6
160 44.5 36.6 55.0





#42

2,4,6-Tribromophenol

Concen: 61.783 ng

RT: 16.222 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP016462.D

Acq: 01 Aug 2023 18:28

Instrument :

BNA_P

ClientSampleId :

T842-CT-02

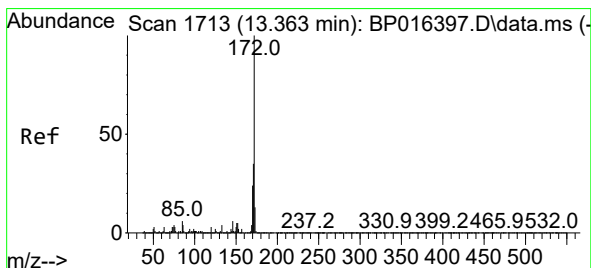
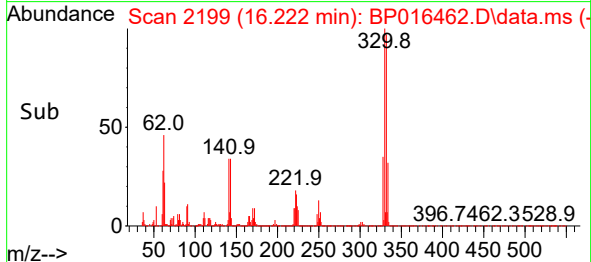
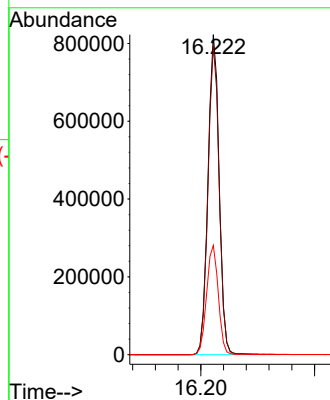
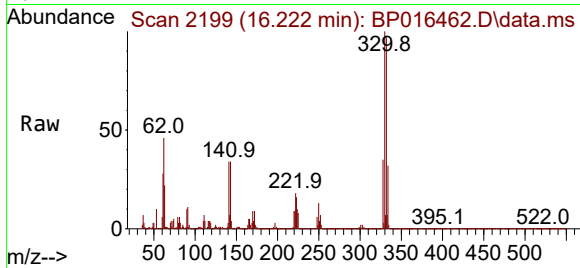
Tgt Ion:330 Resp: 1119401

Ion Ratio Lower Upper

330 100

332 96.5 77.8 116.8

141 35.7 22.6 34.0#



#45

2-Fluorobiphenyl

Concen: 54.217 ng

RT: 13.351 min Scan# 1711

Delta R.T. -0.012 min

Lab File: BP016462.D

Acq: 01 Aug 2023 18:28

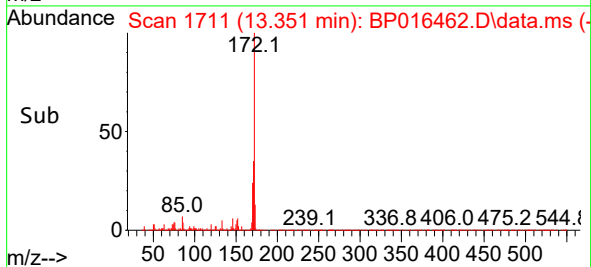
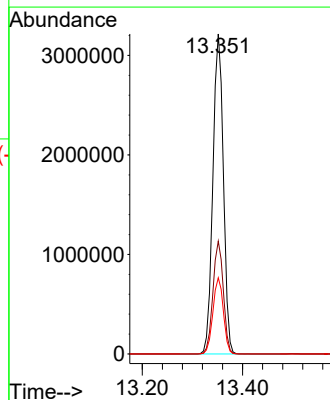
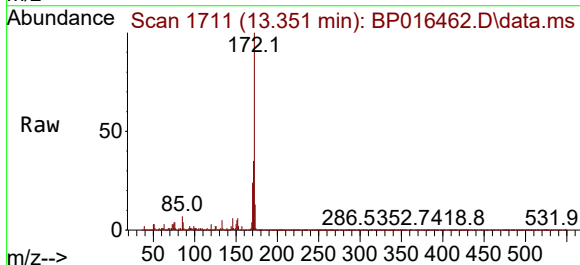
Tgt Ion:172 Resp: 4657480

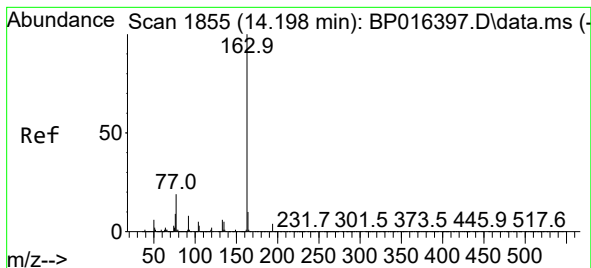
Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.2

170 23.8 19.1 28.7





#50

Dimethylphthalate

Concen: 2.586 ng

RT: 14.181 min Scan# 1855

Delta R.T. -0.018 min

Lab File: BP016462.D

Acq: 01 Aug 2023 18:28

Instrument :

BNA_P

ClientSampleId :

T842-CT-02

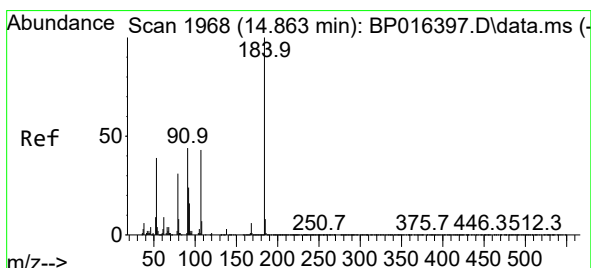
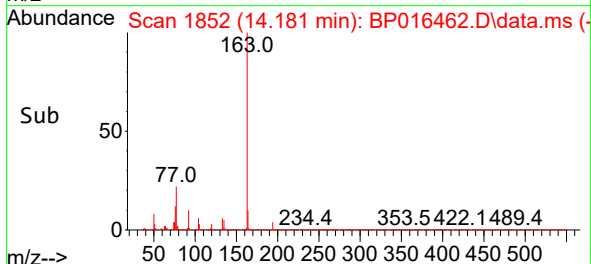
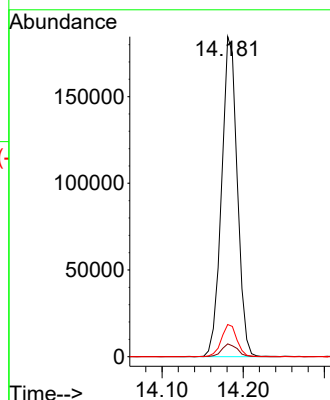
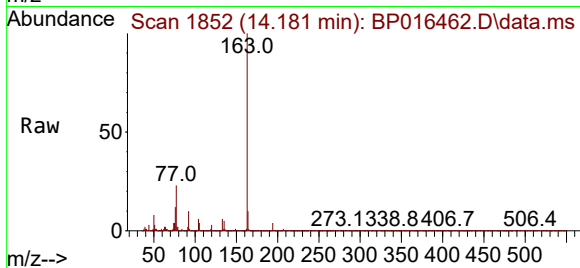
Tgt Ion:163 Resp: 248220

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.2

164 10.1 8.2 12.2



#54

2,4-Dinitrophenol

Concen: 8.005 ng

RT: 14.851 min Scan# 1966

Delta R.T. -0.012 min

Lab File: BP016462.D

Acq: 01 Aug 2023 18:28

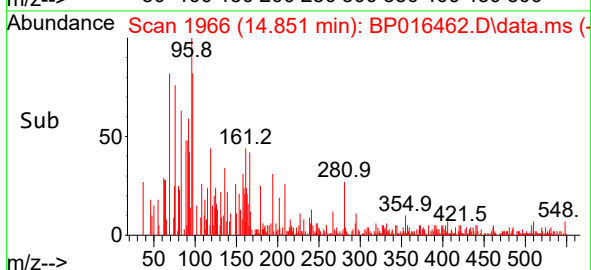
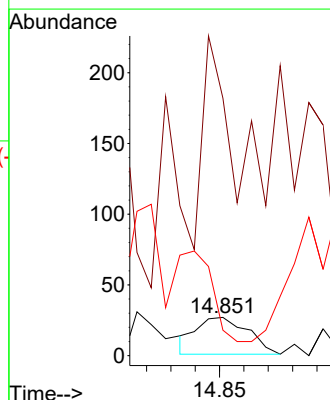
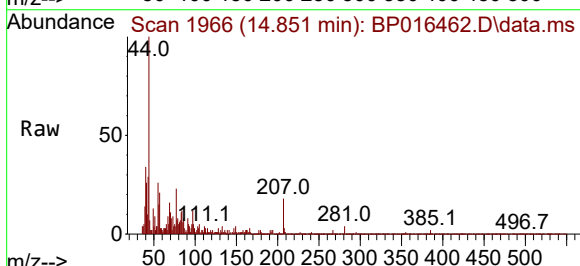
Tgt Ion:184 Resp: 38

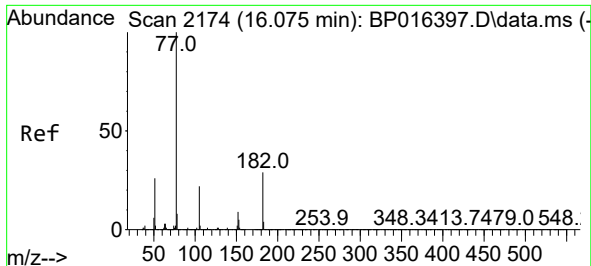
Ion Ratio Lower Upper

184 100

63 674.1 48.2 72.4#

154 66.7 49.6 74.4

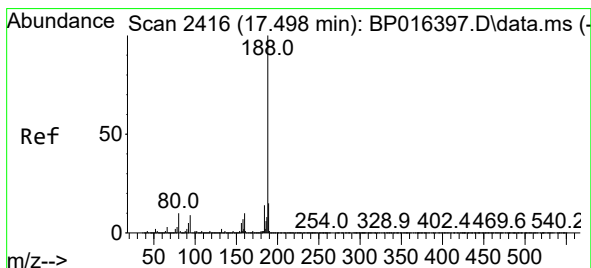
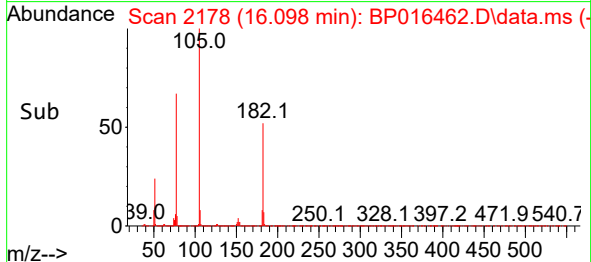
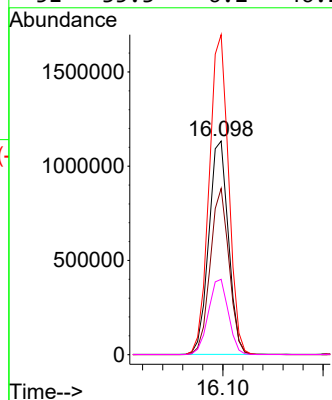
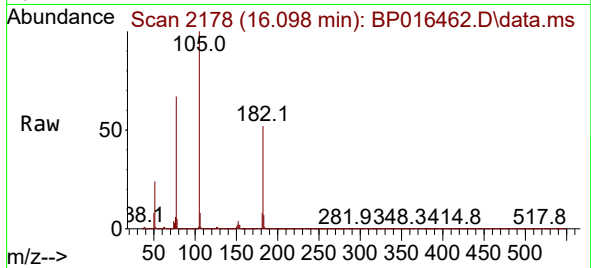




#63
Azobenzene
Concen: 17.085 ng
RT: 16.098 min Scan# 2174
Delta R.T. 0.024 min
Lab File: BP016462.D
Acq: 01 Aug 2023 18:28

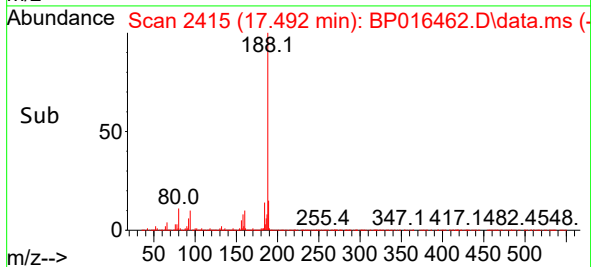
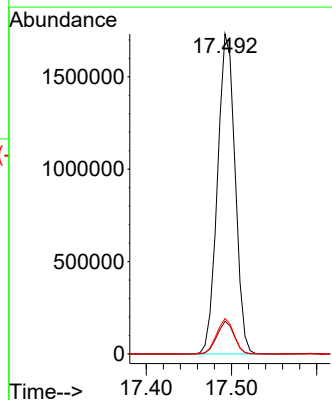
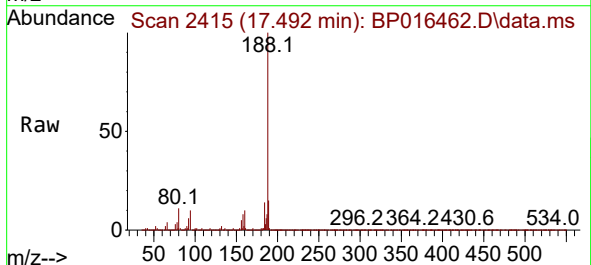
Instrument :
BNA_P
ClientSampleId :
T842-CT-02

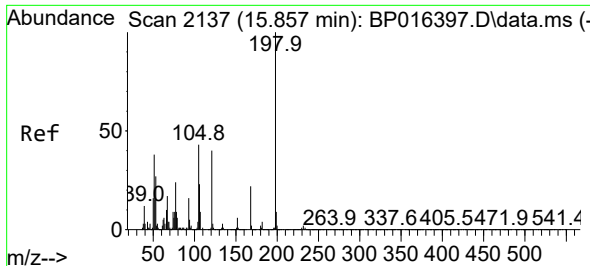
Tgt Ion: 77 Resp: 1538646
Ion Ratio Lower Upper
77 100
182 77.9 8.6 48.6#
105 149.8 2.4 42.4#
51 35.3 6.2 46.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.492 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BP016462.D
Acq: 01 Aug 2023 18:28

Tgt Ion:188 Resp: 2489880
Ion Ratio Lower Upper
188 100
94 10.2 7.4 11.0
80 11.0 7.8 11.8

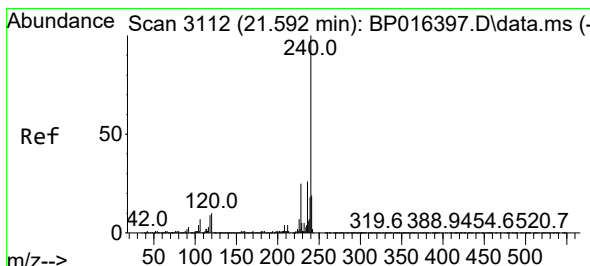
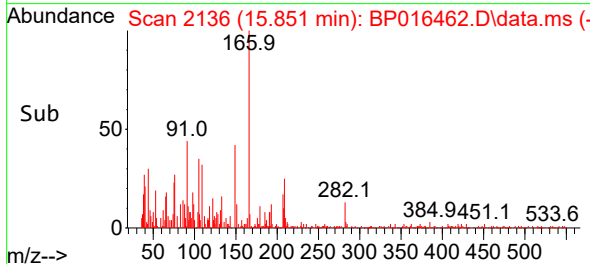
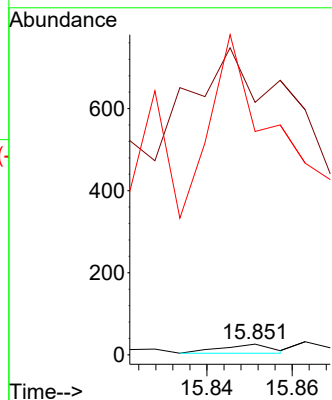
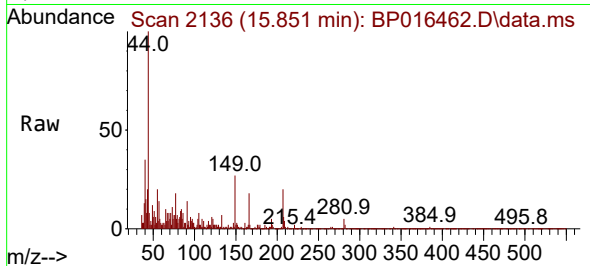




#65
4,6-Dinitro-2-methylphenol
Concen: 6.303 ng
RT: 15.851 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BP016462.D
Acq: 01 Aug 2023 18:28

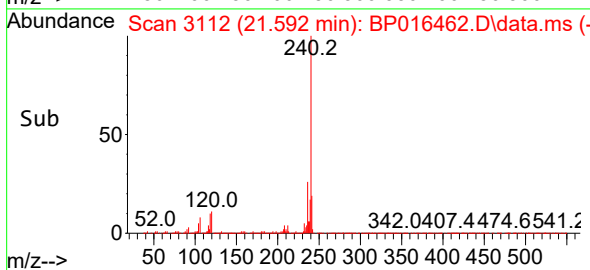
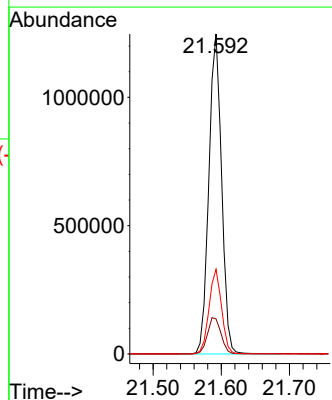
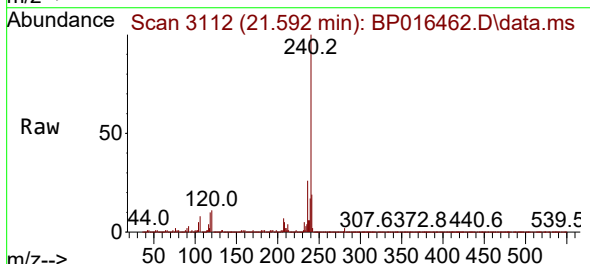
Instrument :
BNA_P
ClientSampleId :
T842-CT-02

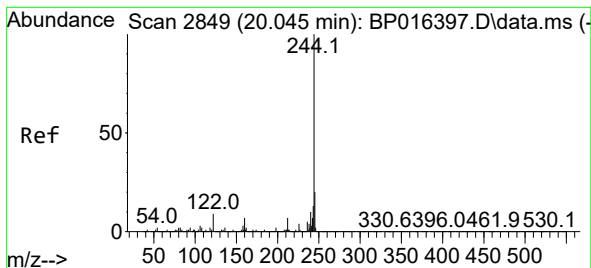
Tgt Ion:198 Resp: 18
Ion Ratio Lower Upper
198 100
51 2365.4 20.1 60.1#
105 2092.3 23.1 63.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.592 min Scan# 3112
Delta R.T. 0.000 min
Lab File: BP016462.D
Acq: 01 Aug 2023 18:28

Tgt Ion:240 Resp: 1621121
Ion Ratio Lower Upper
240 100
120 10.9 7.9 11.9
236 26.5 21.1 31.7





#79

Terphenyl-d14

Concen: 79.318 ng

RT: 20.039 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP016462.D

Acq: 01 Aug 2023 18:28

Instrument :

BNA_P

ClientSampleId :

T842-CT-02

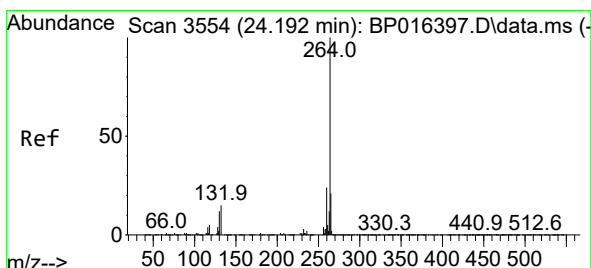
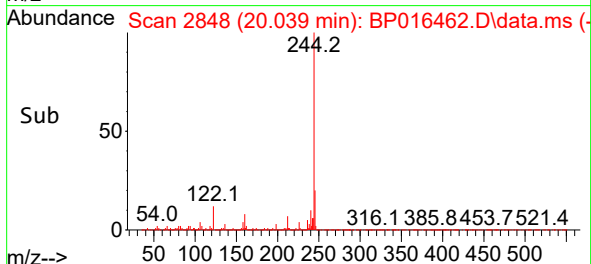
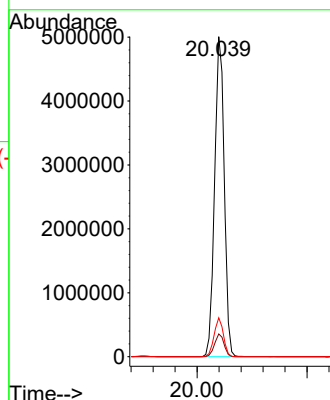
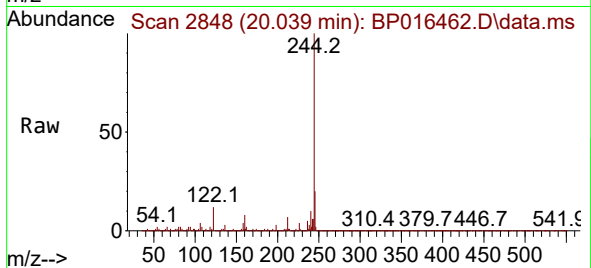
Tgt Ion:244 Resp: 6087082

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 12.1 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: BP016462.D

Acq: 01 Aug 2023 18:28

Tgt Ion:264 Resp: 1510478

Ion Ratio Lower Upper

264 100

260 23.8 19.3 28.9

265 21.9 17.4 26.0

