

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080123\
 Data File : BP016460.D
 Acq On : 01 Aug 2023 17:20
 Operator : MA/JU
 Sample : 03715-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 T842-FH-02-BW

Quant Time: Aug 02 03:52:40 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)

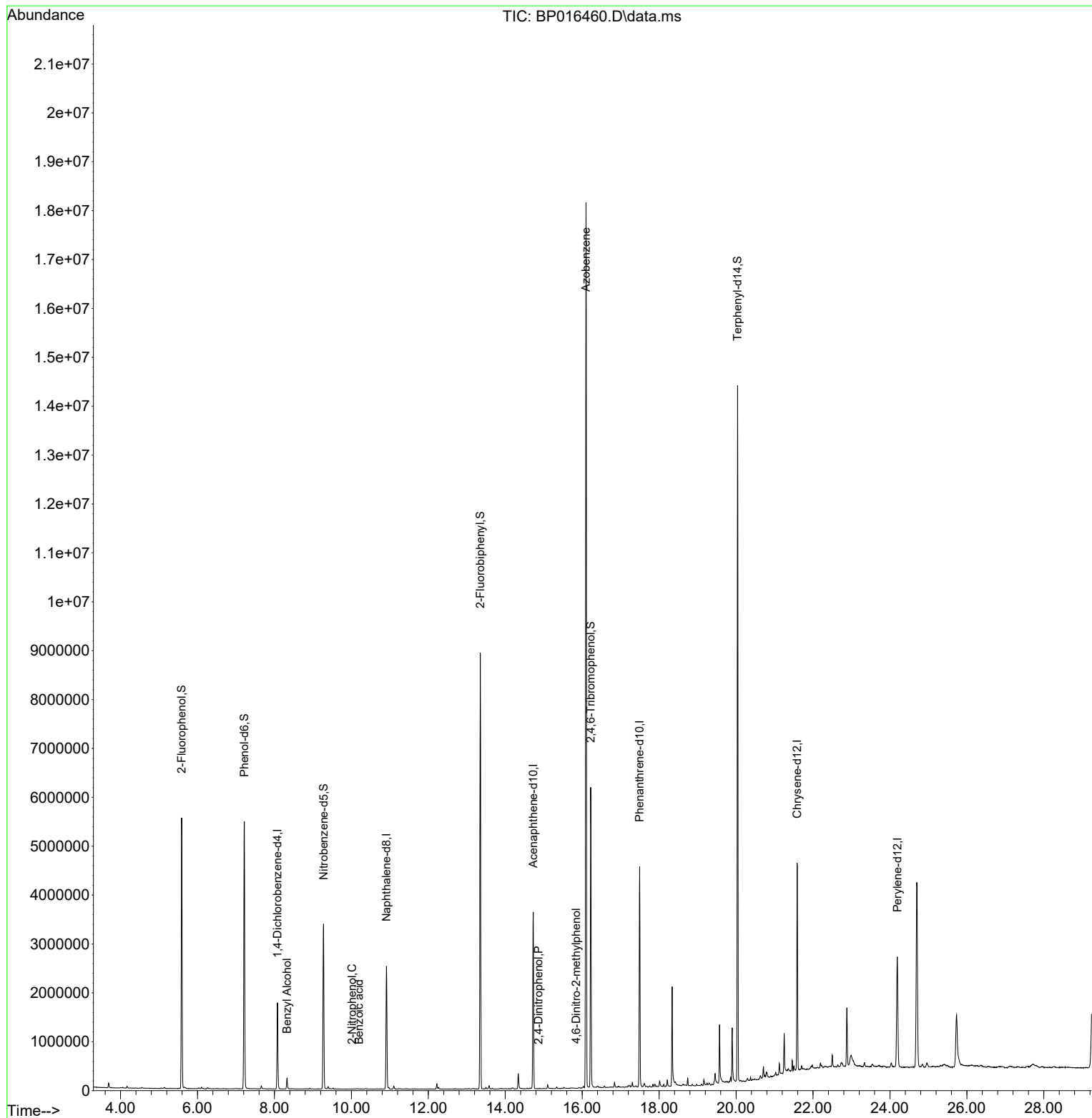
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.075	152	480349	20.000	ng	-0.02
21) Naphthalene-d8	10.910	136	2061236	20.000	ng	-0.02
39) Acenaphthene-d10	14.728	164	1195790	20.000	ng	0.00
64) Phenanthrene-d10	17.492	188	2512782	20.000	ng	0.00
76) Chrysene-d12	21.586	240	1978432	20.000	ng	# 0.00
86) Perylene-d12	24.192	264	1821832	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	2505577	85.097	ng	-0.02
7) Phenol-d6	7.216	99	3352355	83.066	ng	-0.01
23) Nitrobenzene-d5	9.275	82	1956070	53.122	ng	-0.02
42) 2,4,6-Tribromophenol	16.222	330	1110680	63.136	ng	0.00
45) 2-Fluorobiphenyl	13.351	172	4451185	53.367	ng	-0.01
79) Terphenyl-d14	20.039	244	6427184	68.625	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.228	77	29492	Below Cal	#	77
15) Benzyl Alcohol	8.328	79	76096	2.760	ng	96
26) 2-Nitrophenol	10.016	139	62	3.129	ng	# 1
32) Benzoic acid	10.199	122	194	6.294	ng	# 1
54) 2,4-Dinitrophenol	14.863	184	30	8.005	ng	# 1
63) Azobenzene	16.098	77	5371120	61.427	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.845	198	34	6.304	ng	# 1

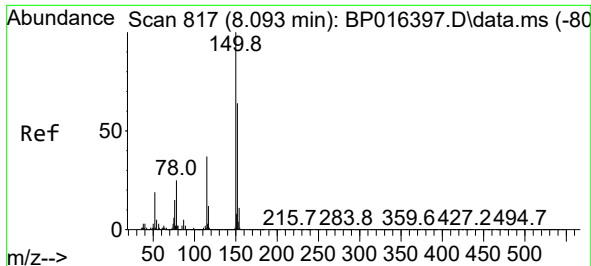
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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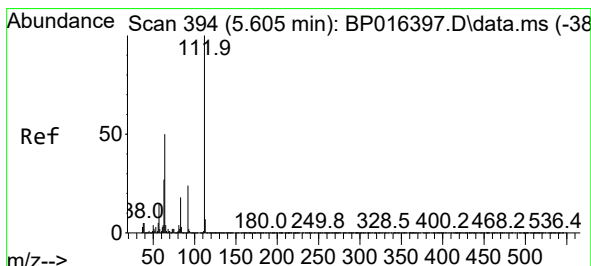
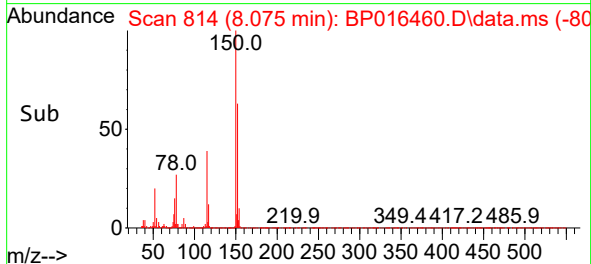
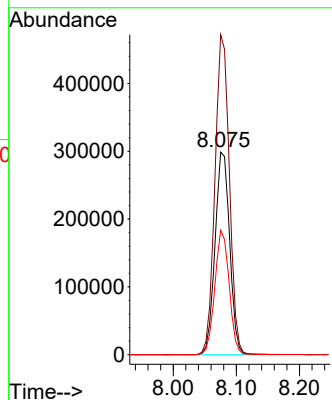
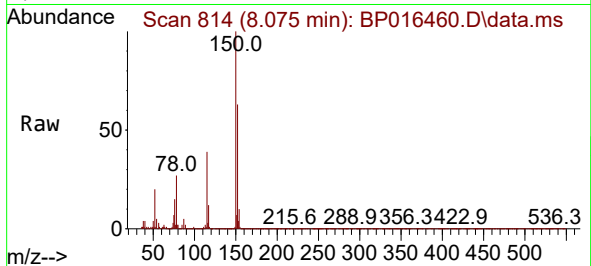




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.075 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP016460.D
Acq: 01 Aug 2023 17:20

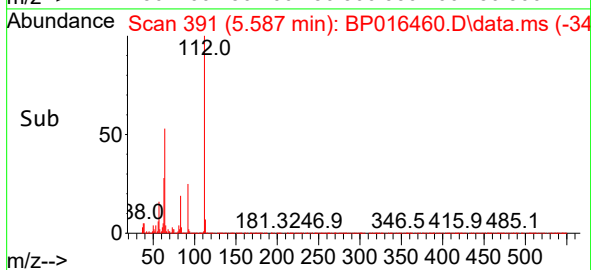
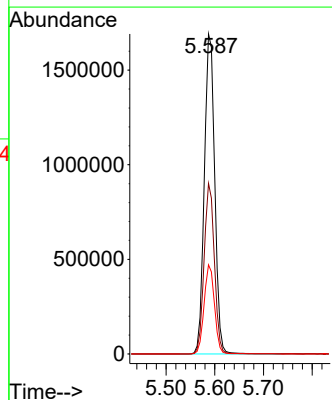
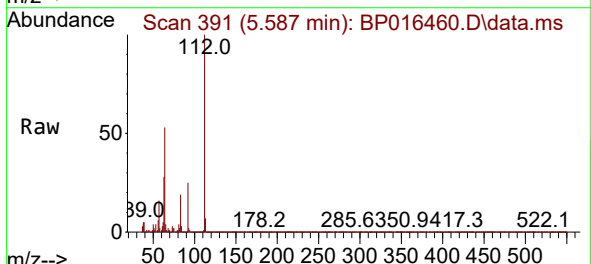
Instrument :
BNA_P
ClientSampleId :
T842-FH-02-BW

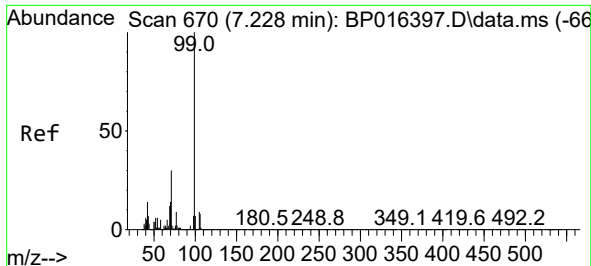
Tgt Ion:152 Resp: 480349
Ion Ratio Lower Upper
152 100
150 157.9 124.9 187.3
115 61.4 46.8 70.2



#5
2-Fluorophenol
Concen: 85.097 ng
RT: 5.587 min Scan# 391
Delta R.T. -0.018 min
Lab File: BP016460.D
Acq: 01 Aug 2023 17:20

Tgt Ion:112 Resp: 2505577
Ion Ratio Lower Upper
112 100
64 53.3 40.0 60.0
63 27.8 21.2 31.8

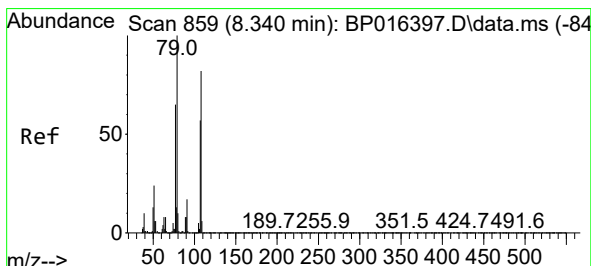
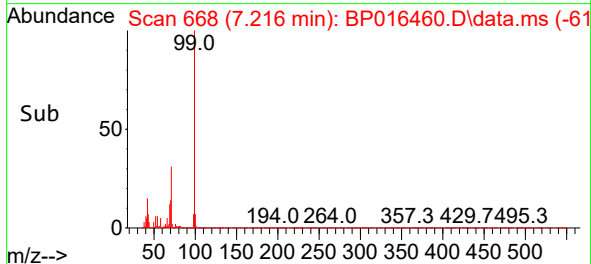
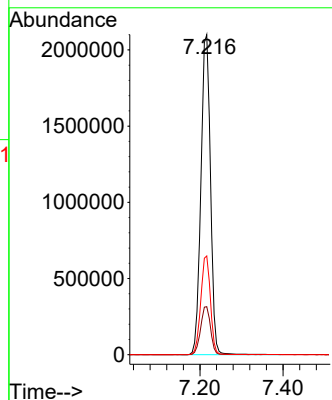
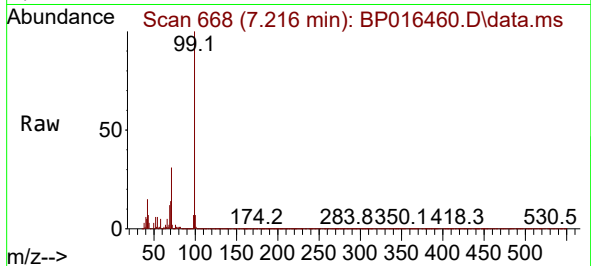




#7
Phenol-d6
Concen: 83.066 ng
RT: 7.216 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP016460.D
Acq: 01 Aug 2023 17:20

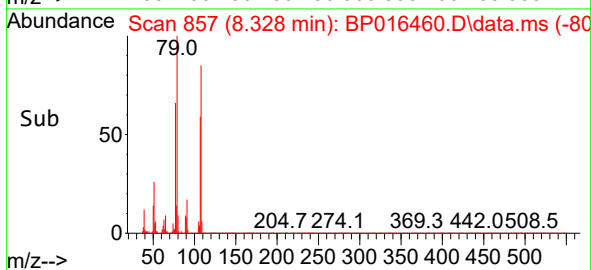
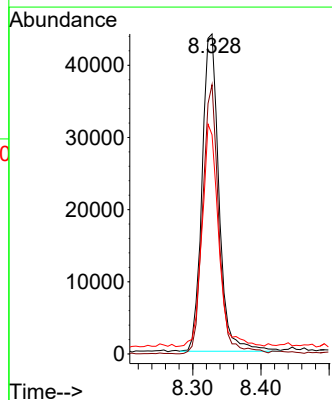
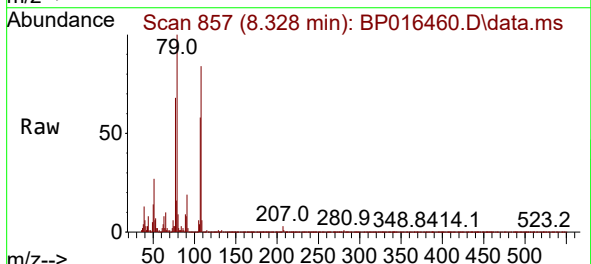
Instrument :
BNA_P
ClientSampleId :
T842-FH-02-BW

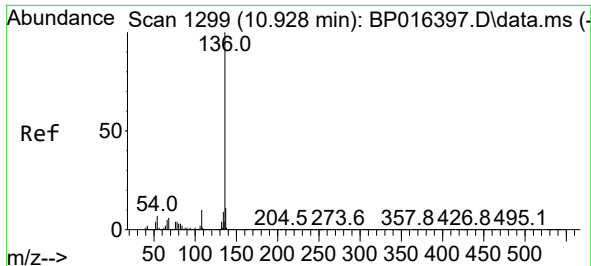
Tgt Ion: 99 Resp: 3352355
Ion Ratio Lower Upper
99 100
42 15.0 11.6 17.4
71 30.9 24.3 36.5



#15
Benzyl Alcohol
Concen: 2.760 ng
RT: 8.328 min Scan# 857
Delta R.T. -0.012 min
Lab File: BP016460.D
Acq: 01 Aug 2023 17:20

Tgt Ion: 79 Resp: 76096
Ion Ratio Lower Upper
79 100
108 84.2 65.4 98.2
77 68.5 51.8 77.8

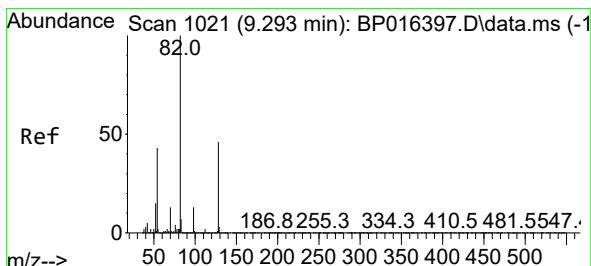
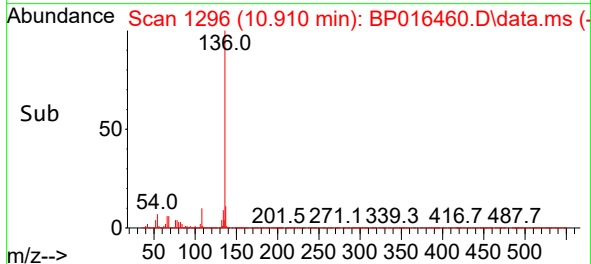
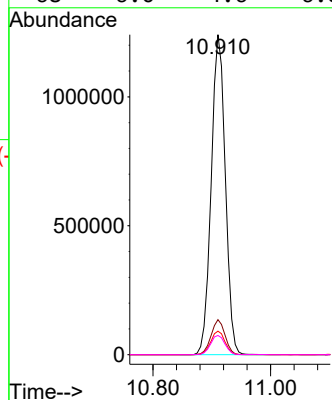
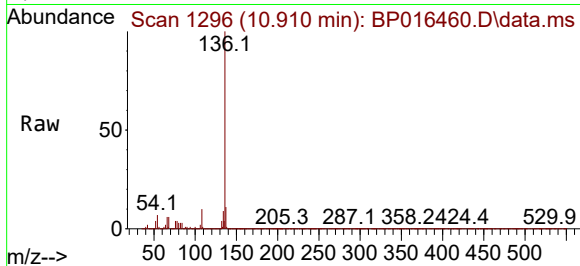




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.910 min Scan# 1018
Delta R.T. -0.018 min
Lab File: BP016460.D
Acq: 01 Aug 2023 17:20

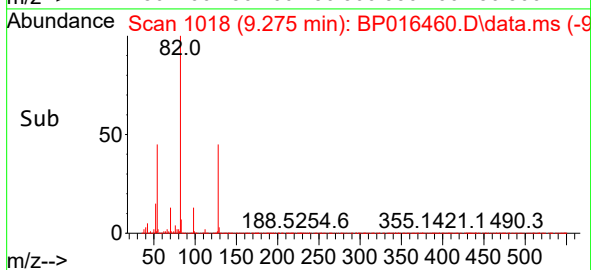
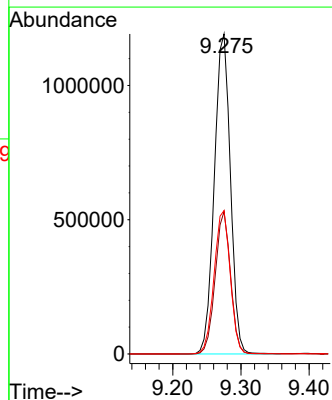
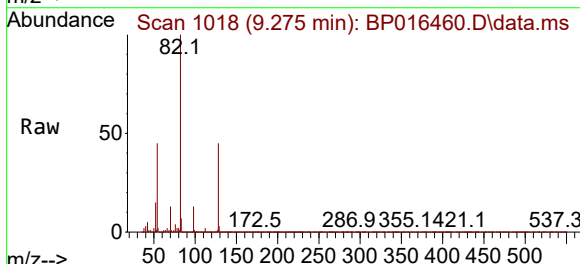
Instrument :
BNA_P
ClientSampleId :
T842-FH-02-BW

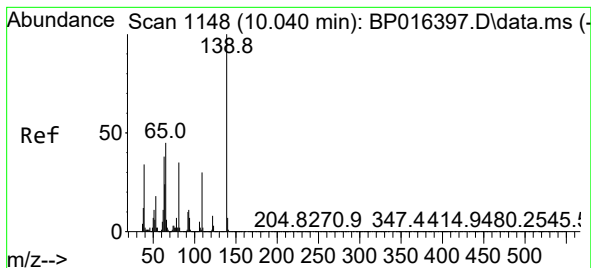
Tgt Ion:136 Resp: 2061236
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.4 5.6 8.4
68 6.0 4.6 6.8



#23
Nitrobenzene-d5
Concen: 53.122 ng
RT: 9.275 min Scan# 1018
Delta R.T. -0.018 min
Lab File: BP016460.D
Acq: 01 Aug 2023 17:20

Tgt Ion: 82 Resp: 1956070
Ion Ratio Lower Upper
82 100
128 44.5 36.6 55.0
54 44.8 34.5 51.7

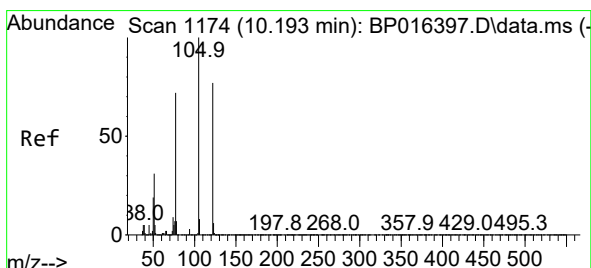
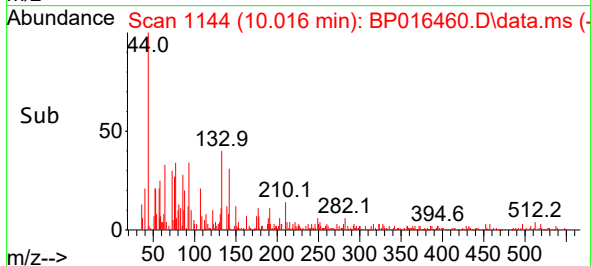
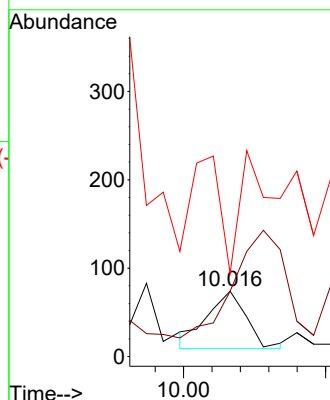
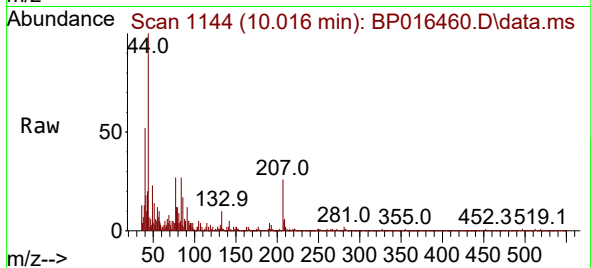




#26
2-Nitrophenol
Concen: 3.129 ng
RT: 10.016 min Scan# 1144
Delta R.T. -0.024 min
Lab File: BP016460.D
Acq: 01 Aug 2023 17:20

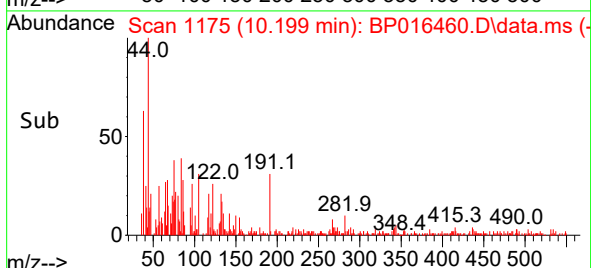
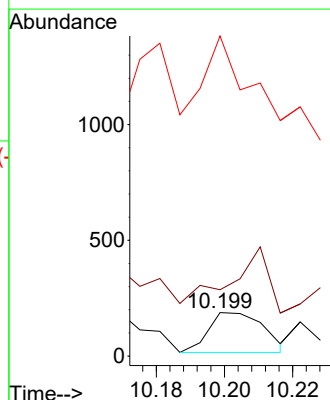
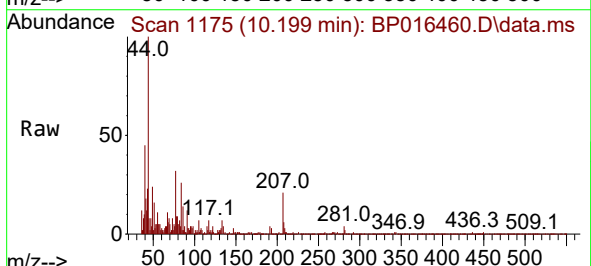
Instrument :
BNA_P
ClientSampleId :
T842-FH-02-BW

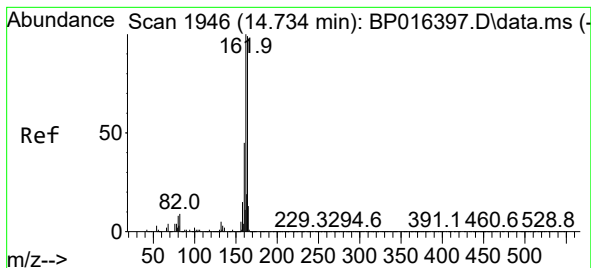
Tgt Ion:139 Resp: 62
Ion Ratio Lower Upper
139 100
109 87.1 24.2 36.4#
65 110.6 35.8 53.6#



#32
Benzoic acid
Concen: 6.294 ng
RT: 10.199 min Scan# 1175
Delta R.T. 0.006 min
Lab File: BP016460.D
Acq: 01 Aug 2023 17:20

Tgt Ion:122 Resp: 194
Ion Ratio Lower Upper
122 100
105 152.7 105.2 145.2#
77 735.6 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: BP016460.D

Acq: 01 Aug 2023 17:20

Instrument :

BNA_P

ClientSampleId :

T842-FH-02-BW

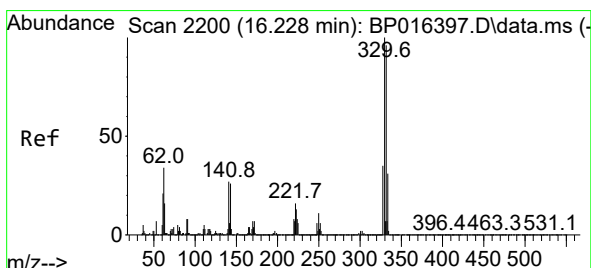
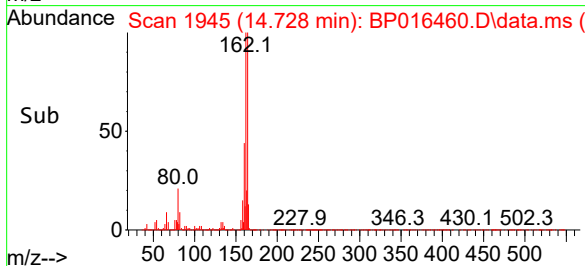
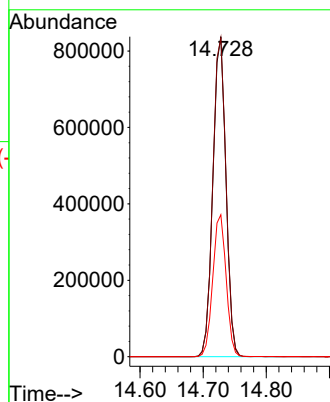
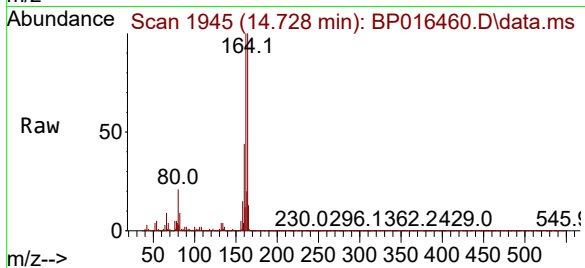
Tgt Ion:164 Resp: 1195790

Ion Ratio Lower Upper

164 100

162 99.6 81.0 121.6

160 44.4 36.6 55.0



#42

2,4,6-Tribromophenol

Concen: 63.136 ng

RT: 16.222 min Scan# 2199

Delta R.T. -0.006 min

Lab File: BP016460.D

Acq: 01 Aug 2023 17:20

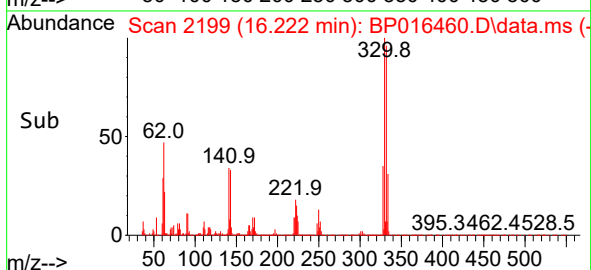
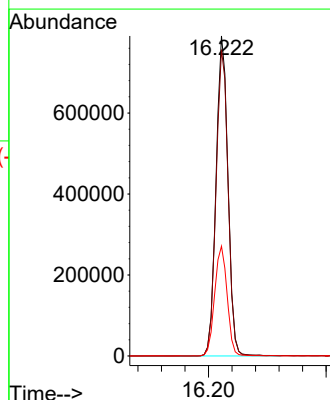
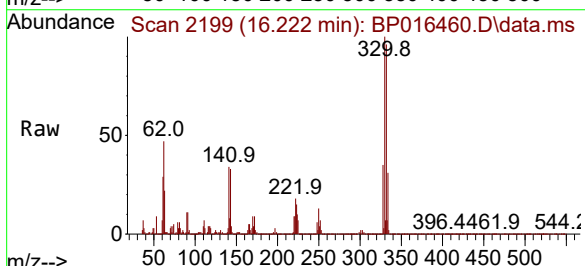
Tgt Ion:330 Resp: 1110680

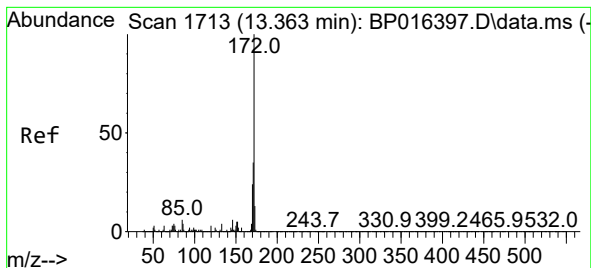
Ion Ratio Lower Upper

330 100

332 96.8 77.8 116.8

141 35.8 22.6 34.0#

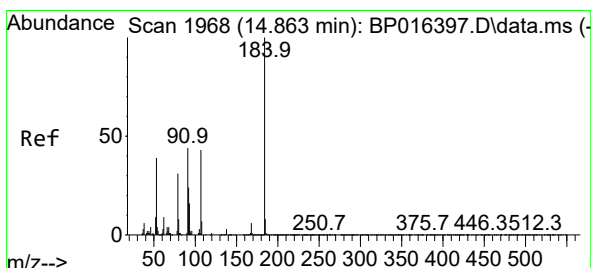
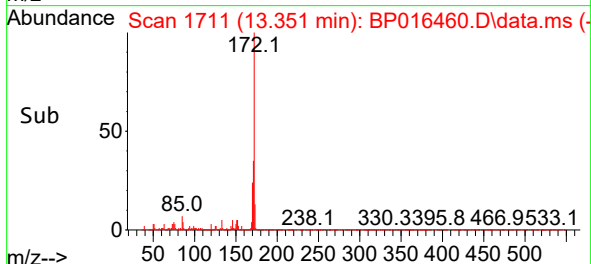
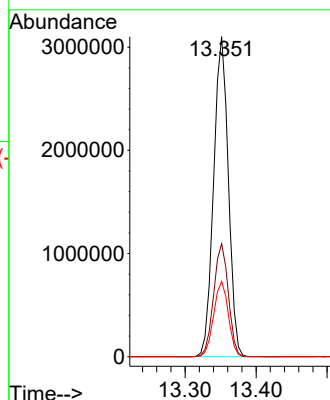
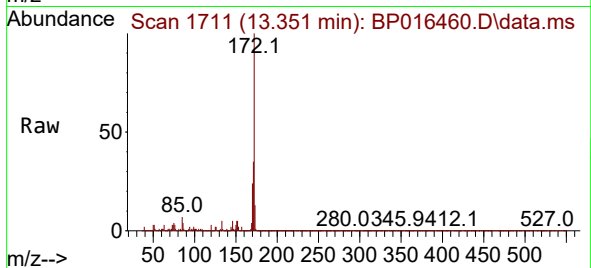




#45
2-Fluorobiphenyl
Concen: 53.367 ng
RT: 13.351 min Scan# 1711
Delta R.T. -0.012 min
Lab File: BP016460.D
Acq: 01 Aug 2023 17:20

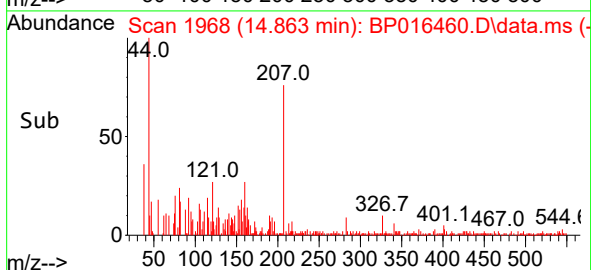
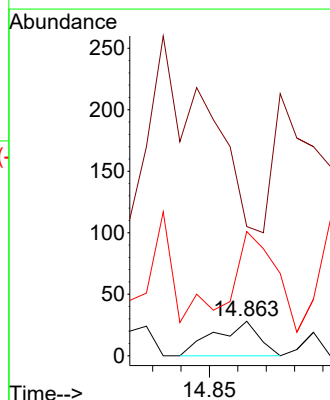
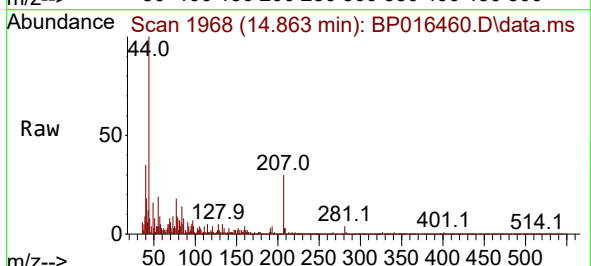
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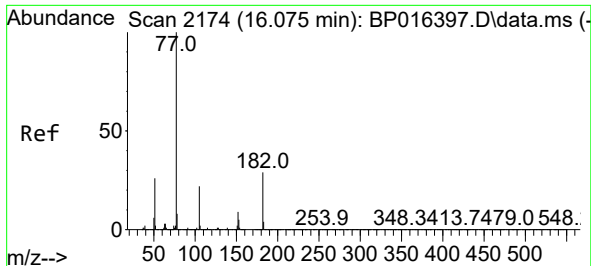
Tgt Ion:172 Resp: 4451185
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 23.5 19.1 28.7



#54
2,4-Dinitrophenol
Concen: 8.005 ng
RT: 14.863 min Scan# 1968
Delta R.T. 0.000 min
Lab File: BP016460.D
Acq: 01 Aug 2023 17:20

Tgt Ion:184 Resp: 30
Ion Ratio Lower Upper
184 100
63 375.0 48.2 72.4#
154 360.7 49.6 74.4#

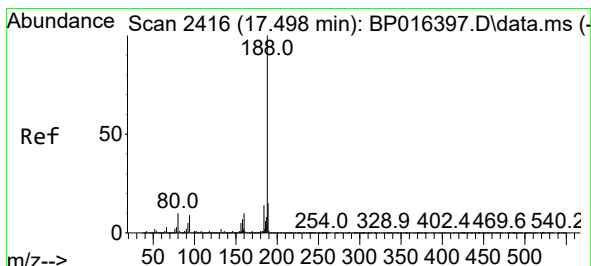
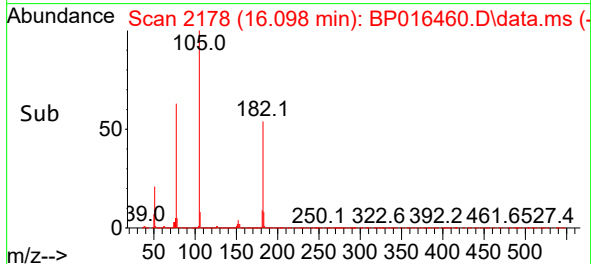
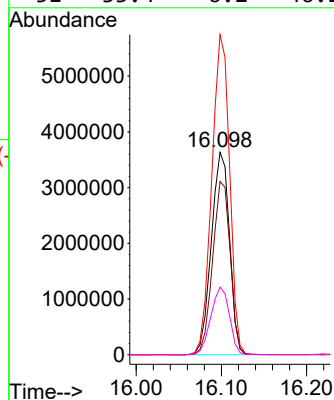
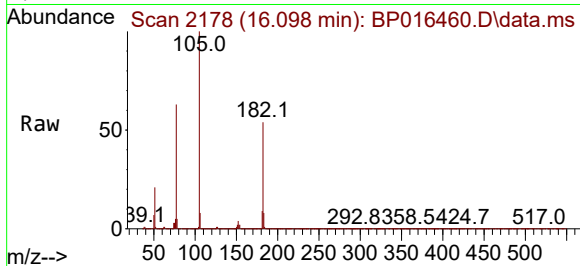




#63
Azobenzene
Concen: 61.427 ng
RT: 16.098 min Scan# 2174
Delta R.T. 0.024 min
Lab File: BP016460.D
Acq: 01 Aug 2023 17:20

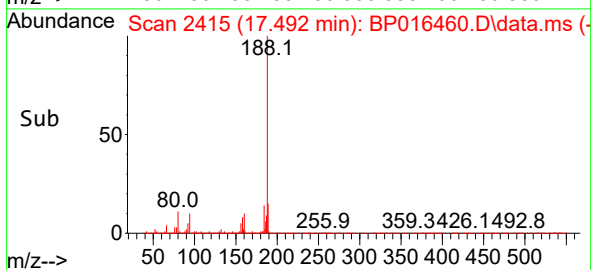
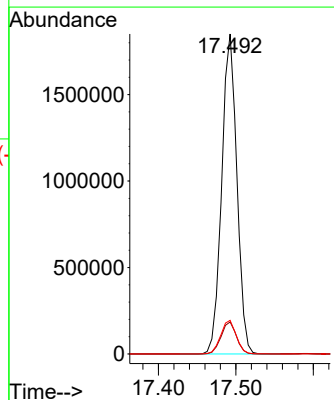
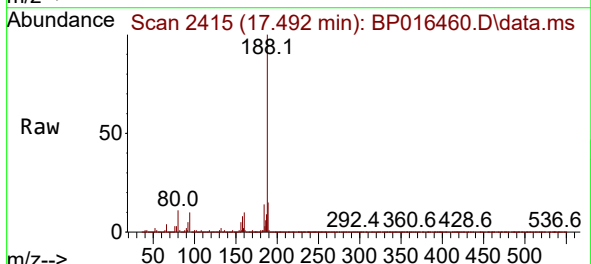
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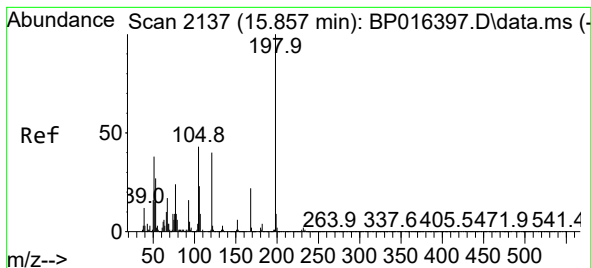
Tgt Ion: 77 Resp: 5371120
Ion Ratio Lower Upper
77 100
182 85.6 8.6 48.6#
105 158.1 2.4 42.4#
51 33.4 6.2 46.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.492 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BP016460.D
Acq: 01 Aug 2023 17:20

Tgt Ion: 188 Resp: 2512782
Ion Ratio Lower Upper
188 100
94 10.0 7.4 11.0
80 10.5 7.8 11.8

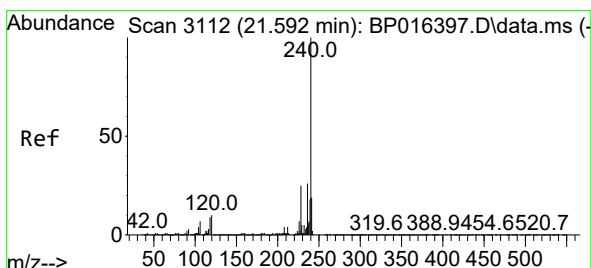
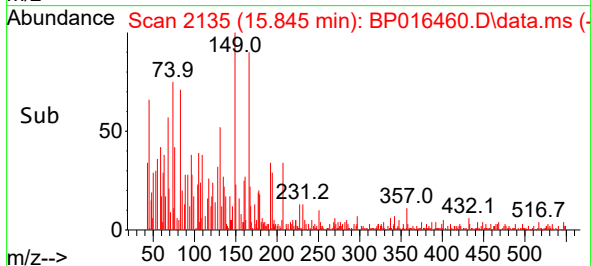
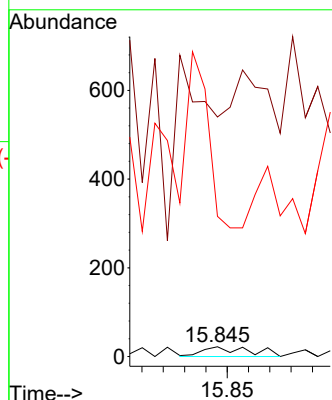
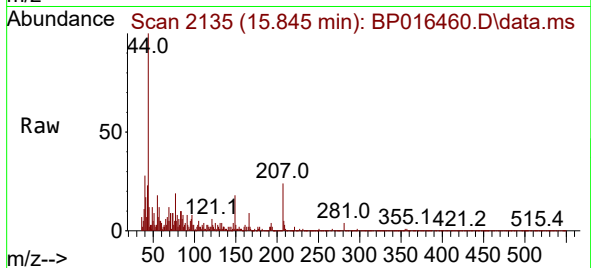




#65
4,6-Dinitro-2-methylphenol
Concen: 6.304 ng
RT: 15.845 min Scan# 2135
Delta R.T. -0.012 min
Lab File: BP016460.D
Acq: 01 Aug 2023 17:20

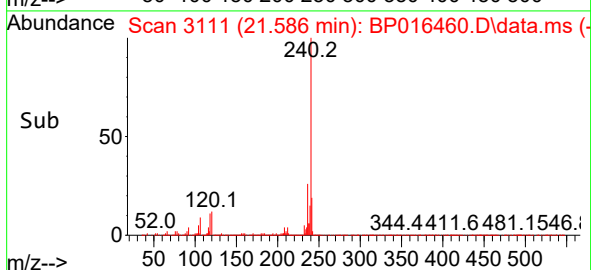
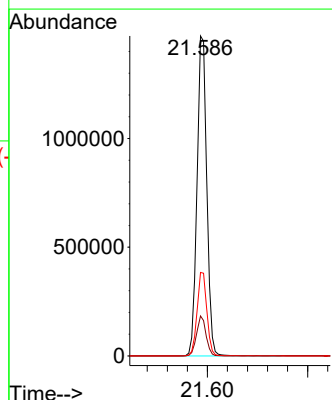
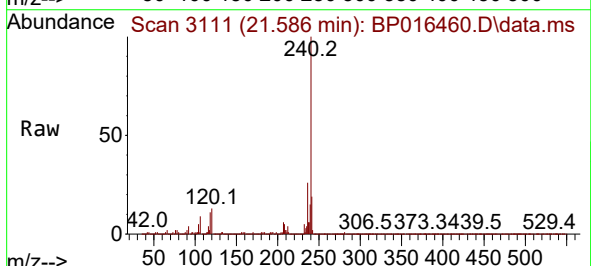
Instrument :
BNA_P
ClientSampleId :
T842-FH-02-BW

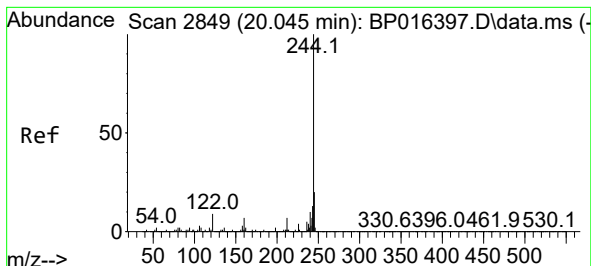
Tgt Ion:198 Resp: 34
Ion Ratio Lower Upper
198 100
51 2454.5 20.1 60.1#
105 1436.4 23.1 63.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.586 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BP016460.D
Acq: 01 Aug 2023 17:20

Tgt Ion:240 Resp: 1978432
Ion Ratio Lower Upper
240 100
120 12.5 7.9 11.9#
236 26.1 21.1 31.7





#79

Terphenyl-d14

Concen: 68.625 ng

RT: 20.039 min Scan# 2

Delta R.T. -0.006 min

Lab File: BP016460.D

Acq: 01 Aug 2023 17:20

Instrument :

BNA_P

ClientSampleId :

T842-FH-02-BW

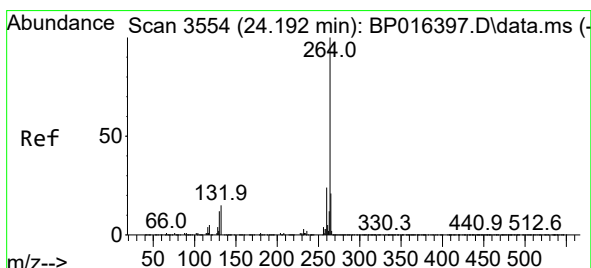
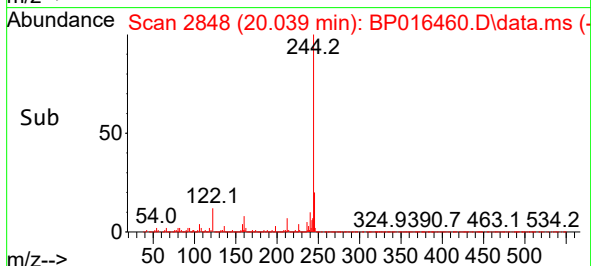
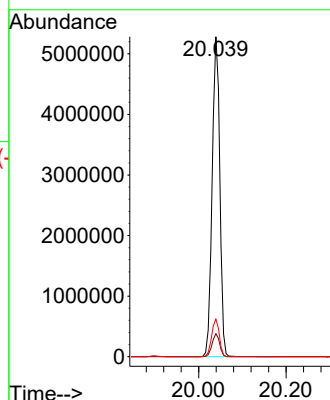
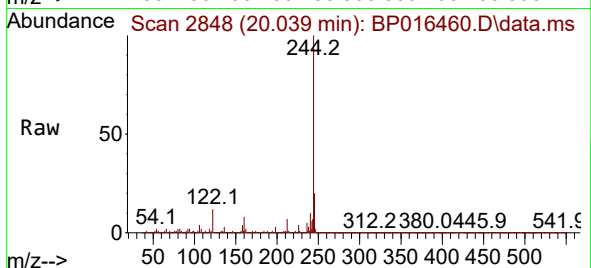
Tgt Ion:244 Resp: 6427184

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 11.8 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: BP016460.D

Acq: 01 Aug 2023 17:20

Tgt Ion:264 Resp: 1821832

Ion Ratio Lower Upper

264 100

260 23.8 19.3 28.9

265 21.4 17.4 26.0

