

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072823\
 Data File : BP016441.D
 Acq On : 29 Jul 2023 01:25
 Operator : MA/JU
 Sample : 03770-08
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HOWE-1-LP

Quant Time: Jul 29 03:49:21 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)

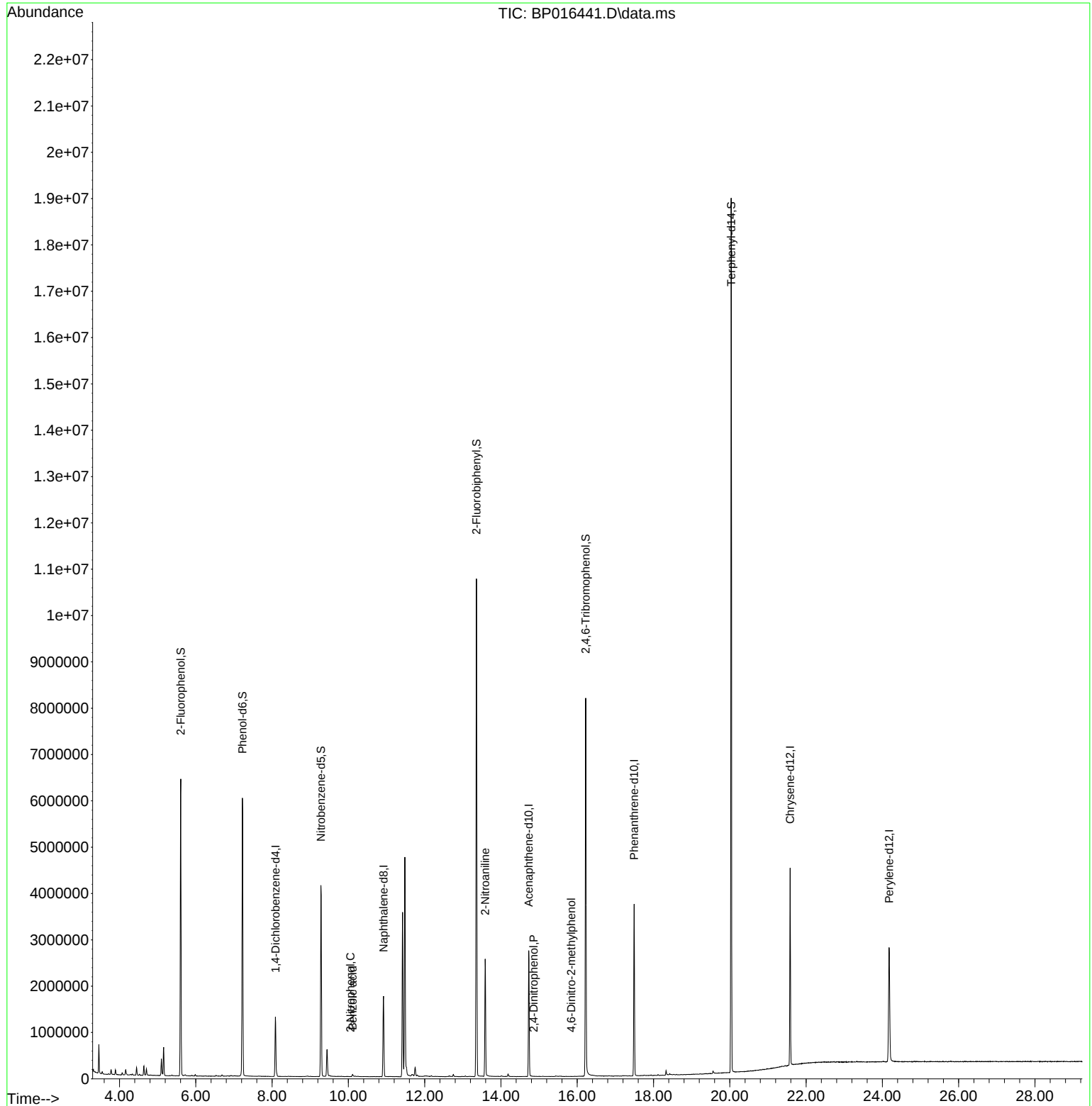
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	334245	20.000	ng	0.00
21) Naphthalene-d8	10.922	136	1419886	20.000	ng	0.00
39) Acenaphthene-d10	14.728	164	869961	20.000	ng	0.00
64) Phenanthrene-d10	17.492	188	2053261	20.000	ng	0.00
76) Chrysene-d12	21.580	240	1858911	20.000	ng	#-0.01
86) Perylene-d12	24.174	264	1886137	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.605	112	2878567	140.500	ng	0.00
7) Phenol-d6	7.222	99	3583482	127.606	ng	0.00
23) Nitrobenzene-d5	9.281	82	2387902	94.142	ng	-0.01
42) 2,4,6-Tribromophenol	16.222	330	1460994	114.154	ng	0.00
45) 2-Fluorobiphenyl	13.357	172	5384822	88.740	ng	0.00
79) Terphenyl-d14	20.033	244	9154696	104.032	ng	-0.01
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.222	77	6579	Below Cal	#	3
26) 2-Nitrophenol	10.051	139	39	3.129	ng	# 1
32) Benzoic acid	10.110	122	19620	7.420	ng	86
48) 2-Nitroaniline	13.587	65	43833	3.108	ng	# 11
54) 2,4-Dinitrophenol	14.857	184	23	8.005	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.839	198	57	6.307	ng	# 1

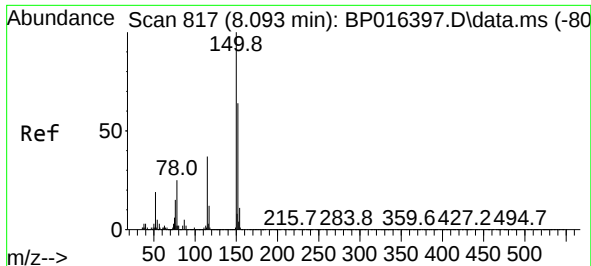
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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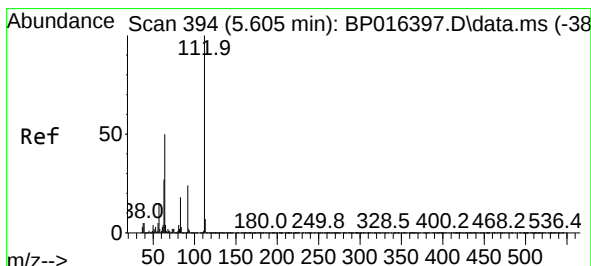
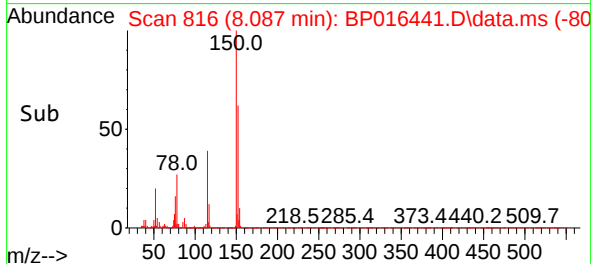
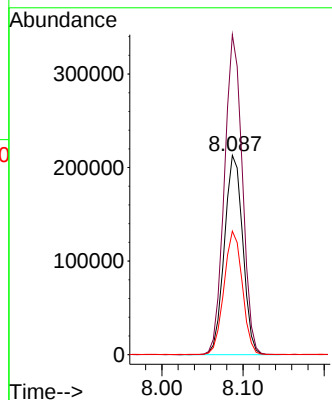
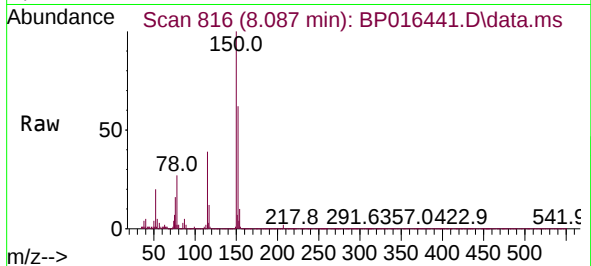




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.087 min Scan# 817
Delta R.T. -0.006 min
Lab File: BP016441.D
Acq: 29 Jul 2023 01:25

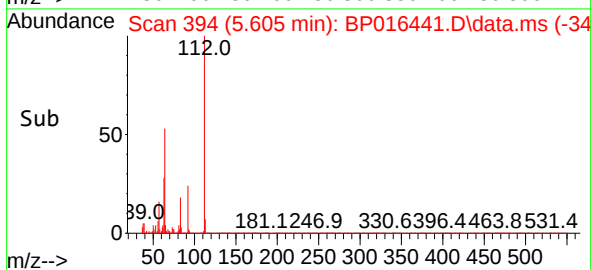
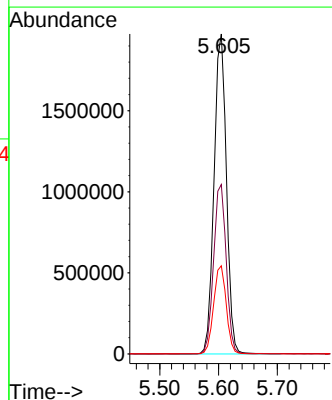
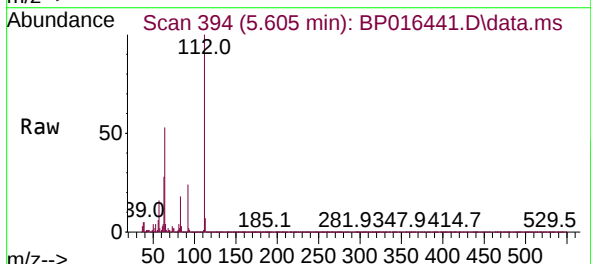
Instrument :
BNA_P
ClientSampleId :
HOWE-1-LP

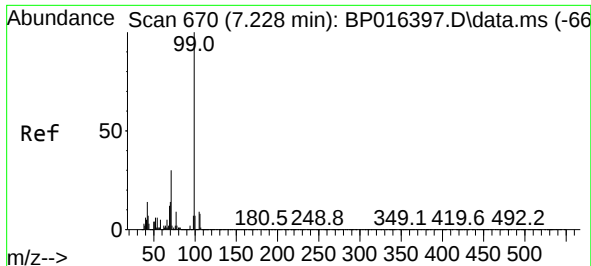
Tgt Ion:152 Resp: 334245
Ion Ratio Lower Upper
152 100
150 160.6 124.9 187.3
115 62.0 46.8 70.2



#5
2-Fluorophenol
Concen: 140.500 ng
RT: 5.605 min Scan# 394
Delta R.T. -0.000 min
Lab File: BP016441.D
Acq: 29 Jul 2023 01:25

Tgt Ion:112 Resp: 2878567
Ion Ratio Lower Upper
112 100
64 52.9 40.0 60.0
63 27.5 21.2 31.8



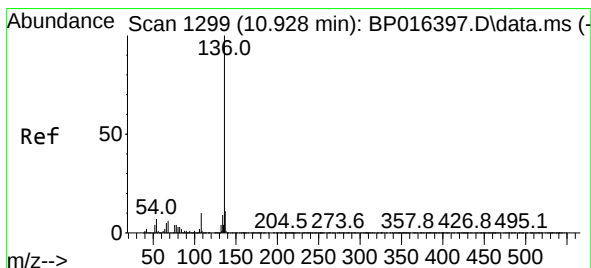
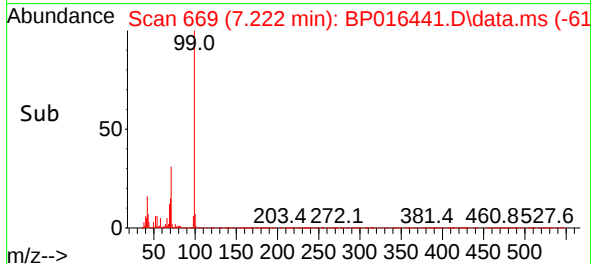
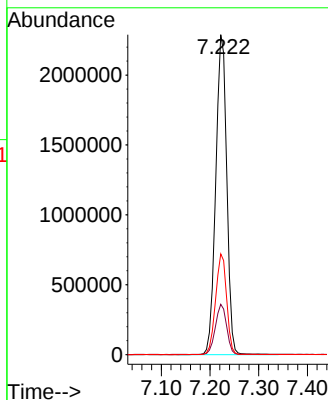
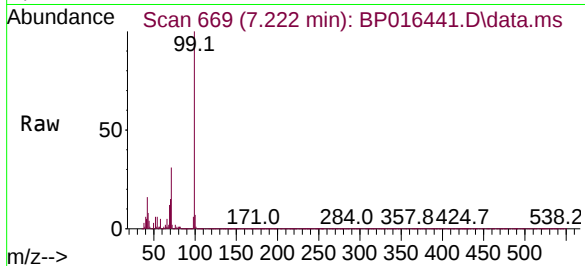


#7
Phenol-d6
Concen: 127.606 ng
RT: 7.222 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP016441.D
Acq: 29 Jul 2023 01:25

Instrument :
BNA_P
ClientSampleId :
HOWE-1-LP

Tgt Ion: 99 Resp: 3583482

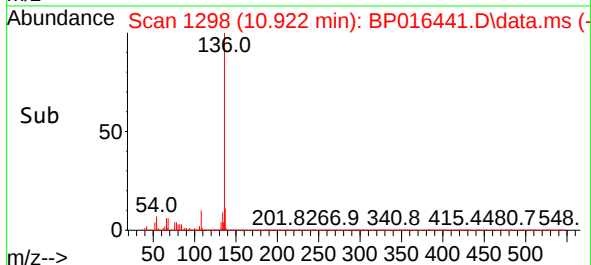
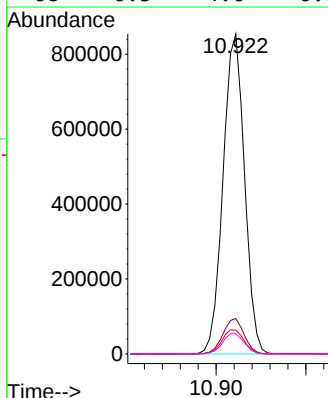
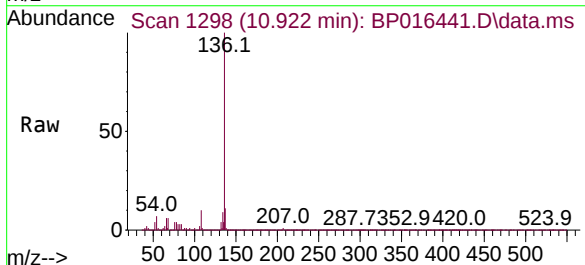
Ion	Ratio	Lower	Upper
99	100		
42	15.8	11.6	17.4
71	31.5	24.3	36.5

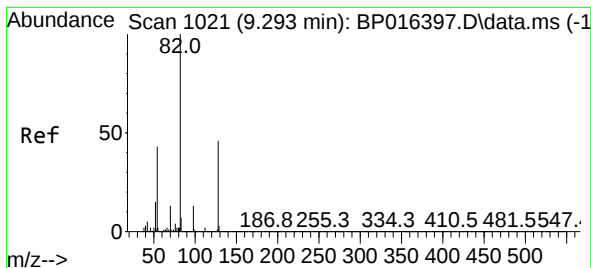


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.922 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BP016441.D
Acq: 29 Jul 2023 01:25

Tgt Ion:136 Resp: 1419886

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	7.4	5.6	8.4
68	6.3	4.6	6.8





#23

Nitrobenzene-d5

Concen: 94.142 ng

RT: 9.281 min Scan# 110

Delta R.T. -0.012 min

Lab File: BP016441.D

Acq: 29 Jul 2023 01:25

Instrument :

BNA_P

ClientSampleId :

HOWE-1-LP

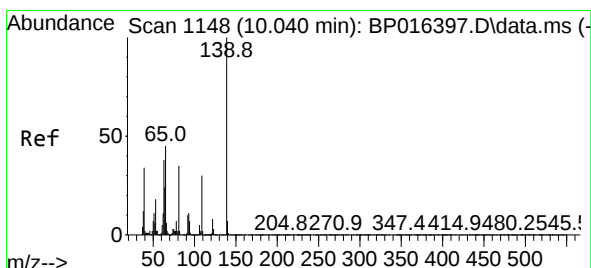
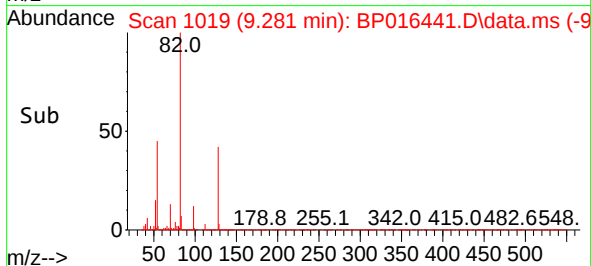
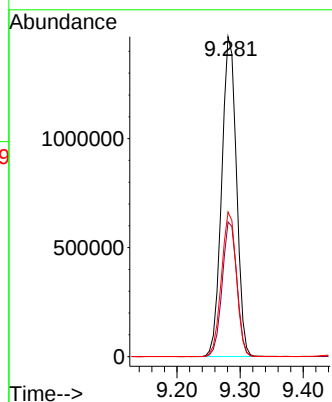
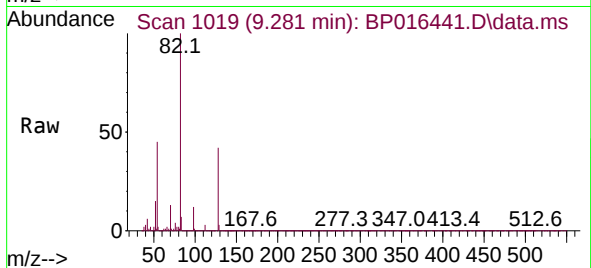
Tgt Ion: 82 Resp: 2387902

Ion Ratio Lower Upper

82 100

128 42.1 36.6 55.0

54 45.2 34.5 51.7



#26

2-Nitrophenol

Concen: 3.129 ng

RT: 10.051 min Scan# 1150

Delta R.T. 0.011 min

Lab File: BP016441.D

Acq: 29 Jul 2023 01:25

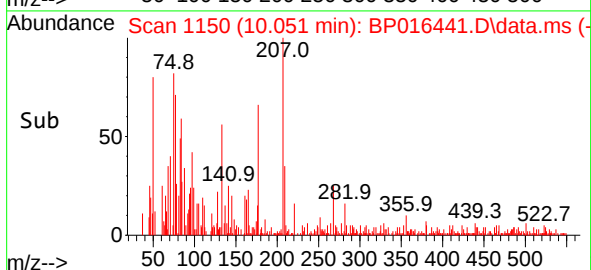
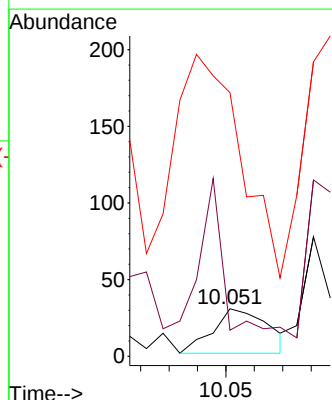
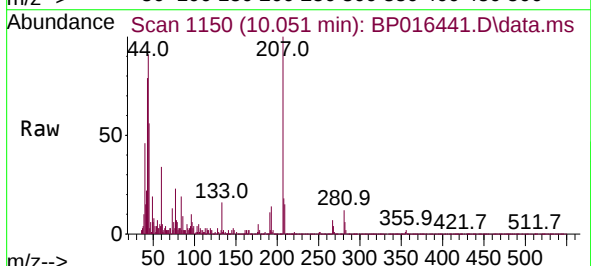
Tgt Ion:139 Resp: 39

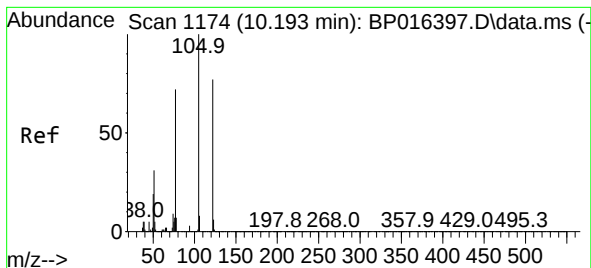
Ion Ratio Lower Upper

139 100

109 54.8 24.2 36.4#

65 554.8 35.8 53.6#

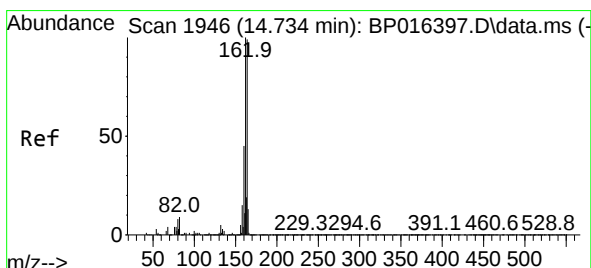
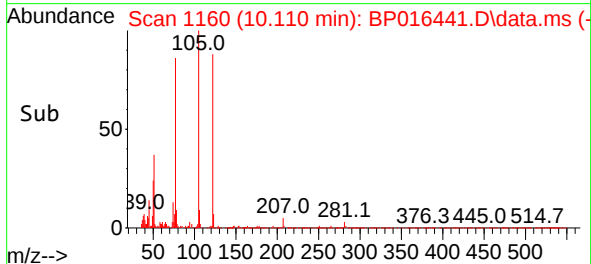
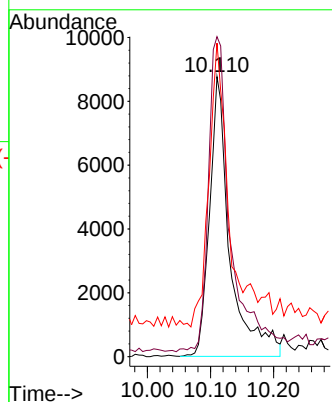
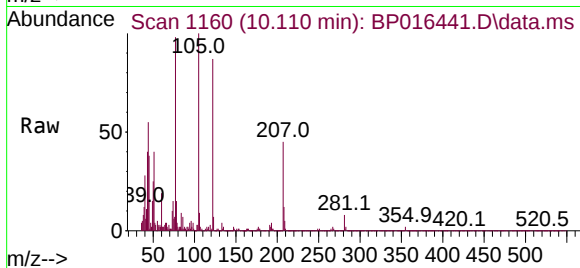




#32
Benzoic acid
Concen: 7.420 ng
RT: 10.110 min Scan# 1160
Delta R.T. -0.083 min
Lab File: BP016441.D
Acq: 29 Jul 2023 01:25

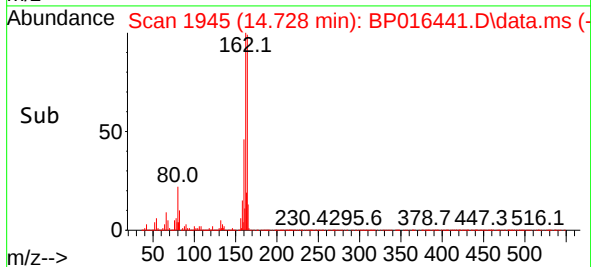
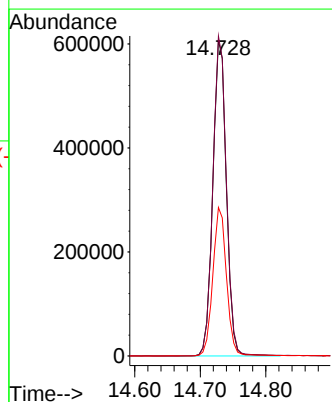
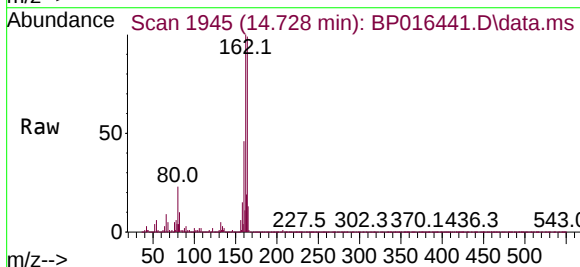
Instrument :
BNA_P
ClientSampleId :
HOWE-1-LP

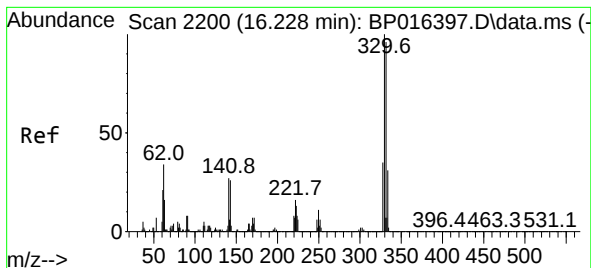
Tgt Ion:122 Resp: 19620
Ion Ratio Lower Upper
122 100
105 114.3 105.2 145.2
77 112.0 72.2 112.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.728 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BP016441.D
Acq: 29 Jul 2023 01:25

Tgt Ion:164 Resp: 869961
Ion Ratio Lower Upper
164 100
162 101.4 81.0 121.6
160 47.0 36.6 55.0





#42

2,4,6-Tribromophenol

Concen: 114.154 ng

RT: 16.222 min Scan# 2119

Delta R.T. -0.006 min

Lab File: BP016441.D

Acq: 29 Jul 2023 01:25

Instrument :

BNA_P

ClientSampleId :

HOWE-1-LP

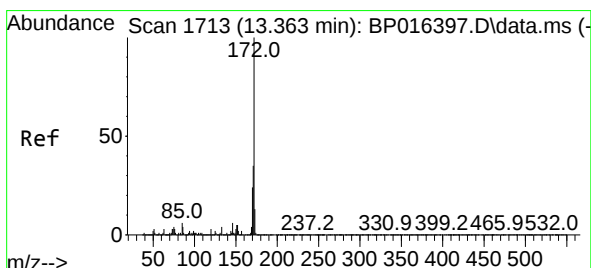
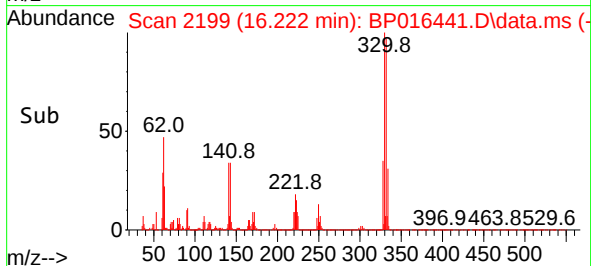
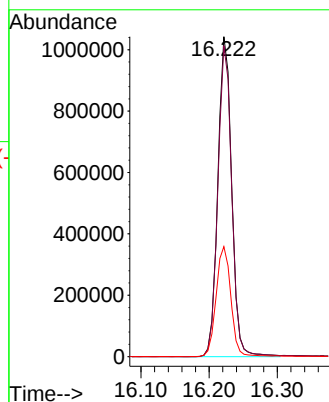
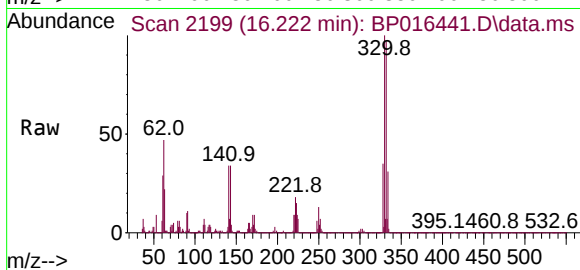
Tgt Ion:330 Resp: 1460994

Ion Ratio Lower Upper

330 100

332 97.8 77.8 116.8

141 36.8 22.6 34.0#



#45

2-Fluorobiphenyl

Concen: 88.740 ng

RT: 13.357 min Scan# 1712

Delta R.T. -0.006 min

Lab File: BP016441.D

Acq: 29 Jul 2023 01:25

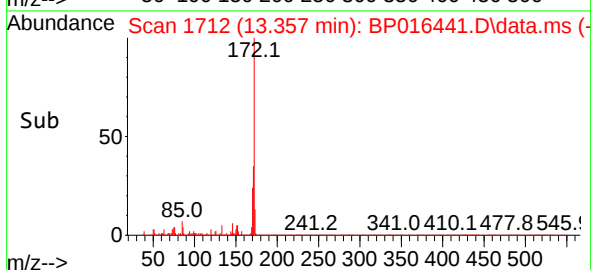
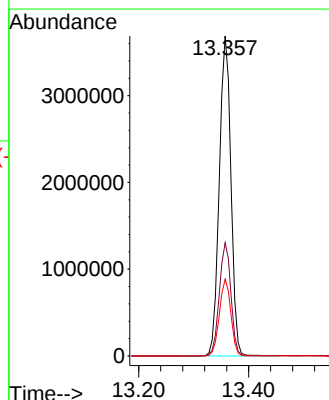
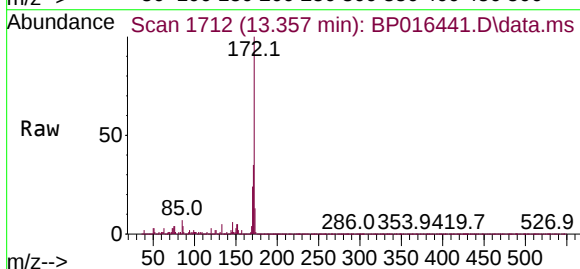
Tgt Ion:172 Resp: 5384822

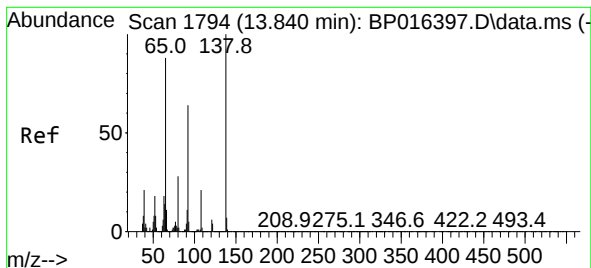
Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.2

170 24.0 19.1 28.7





#48

2-Nitroaniline

Concen: 3.108 ng

RT: 13.587 min Scan# 11

Delta R.T. -0.253 min

Lab File: BP016441.D

Acq: 29 Jul 2023 01:25

Instrument :

BNA_P

ClientSampleId :

HOWE-1-LP

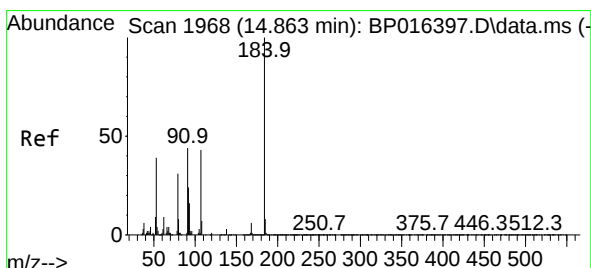
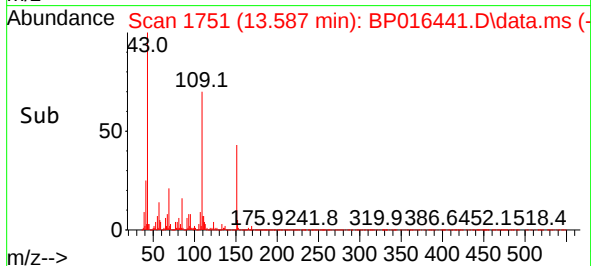
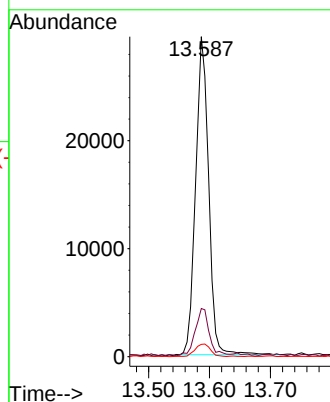
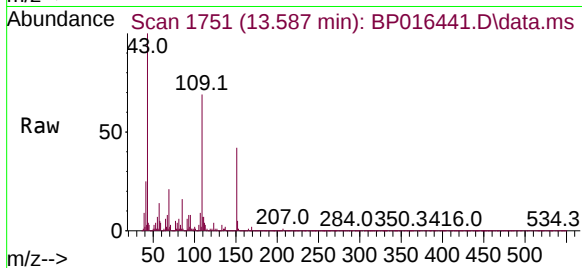
Tgt Ion: 65 Resp: 43833

Ion Ratio Lower Upper

65 100

92 15.0 58.2 87.4#

138 3.8 91.3 136.9#



#54

2,4-Dinitrophenol

Concen: 8.005 ng

RT: 14.857 min Scan# 1967

Delta R.T. -0.006 min

Lab File: BP016441.D

Acq: 29 Jul 2023 01:25

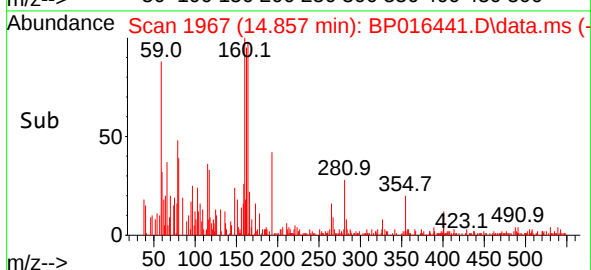
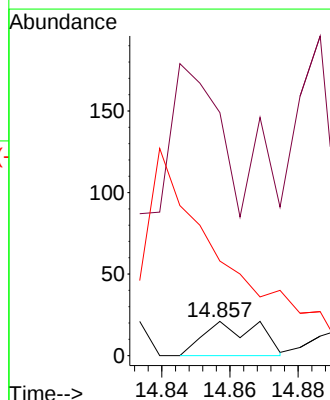
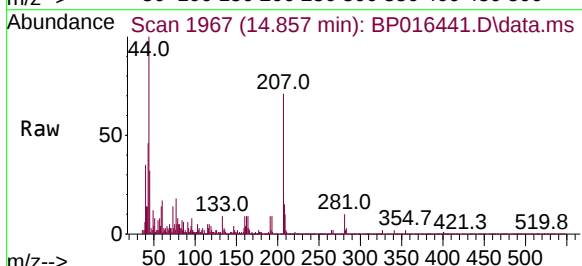
Tgt Ion: 184 Resp: 23

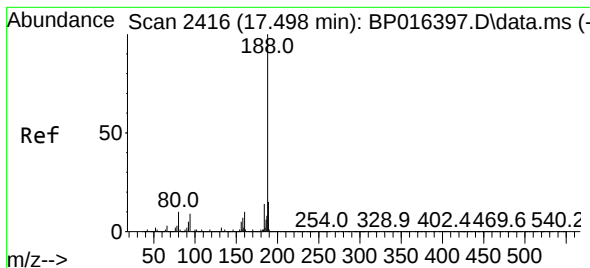
Ion Ratio Lower Upper

184 100

63 709.5 48.2 72.4#

154 385.7 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: BP016441.D

Acq: 29 Jul 2023 01:25

Instrument :

BNA_P

ClientSampleId :

HOWE-1-LP

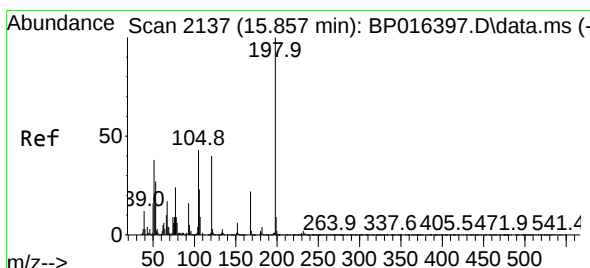
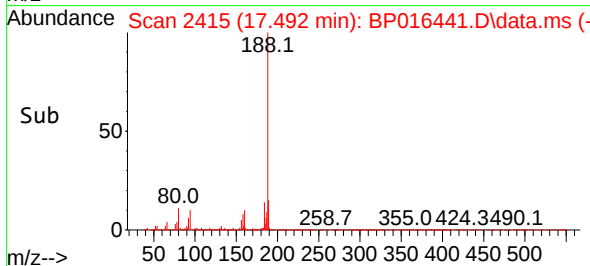
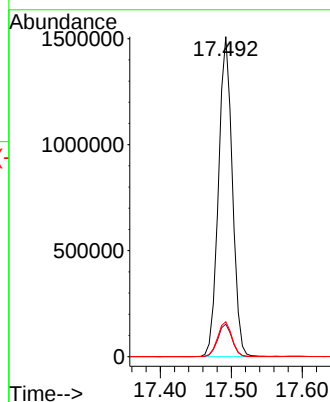
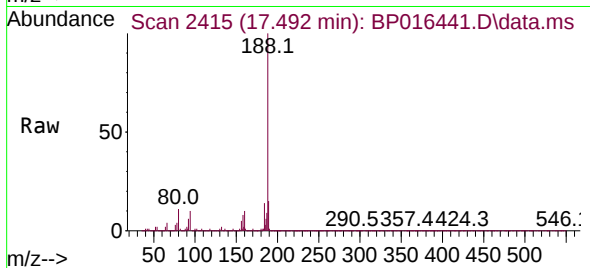
Tgt Ion:188 Resp: 2053261

Ion Ratio Lower Upper

188 100

94 10.1 7.4 11.0

80 10.9 7.8 11.8



#65

4,6-Dinitro-2-methylphenol

Concen: 6.307 ng

RT: 15.839 min Scan# 2134

Delta R.T. -0.018 min

Lab File: BP016441.D

Acq: 29 Jul 2023 01:25

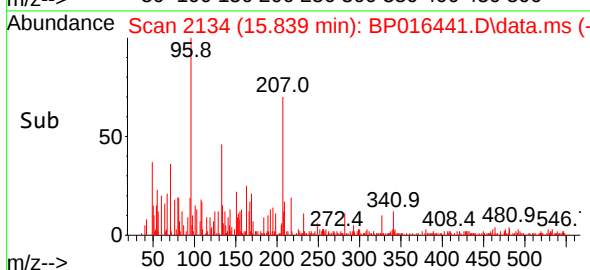
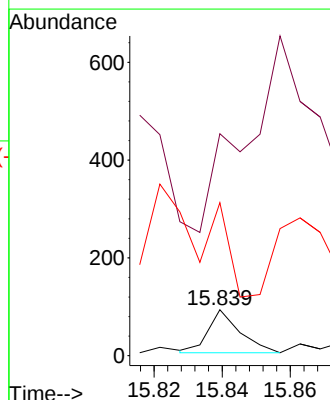
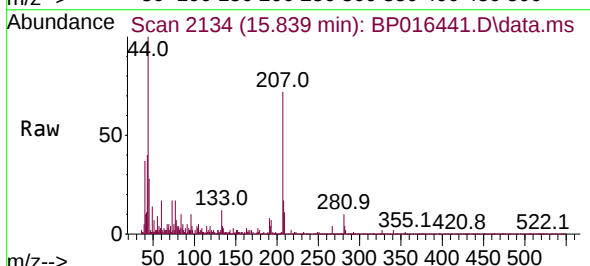
Tgt Ion:198 Resp: 57

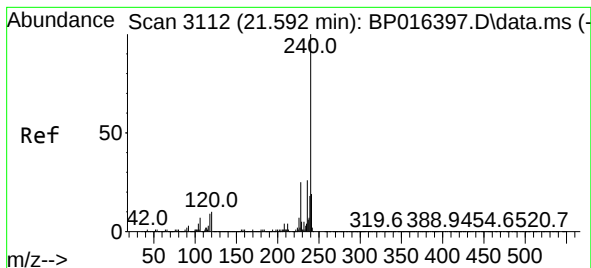
Ion Ratio Lower Upper

198 100

51 483.0 20.1 60.1#

105 333.0 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: BP016441.D

Acq: 29 Jul 2023 01:25

Instrument :

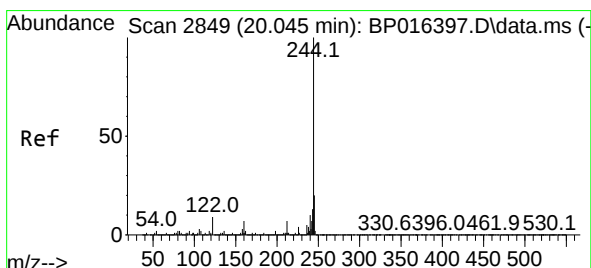
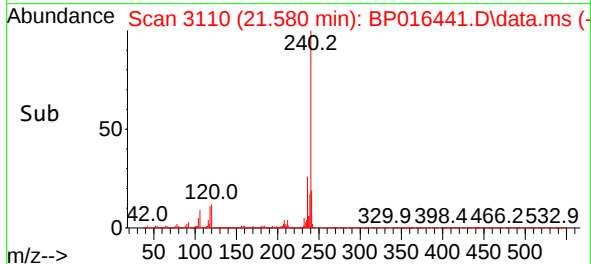
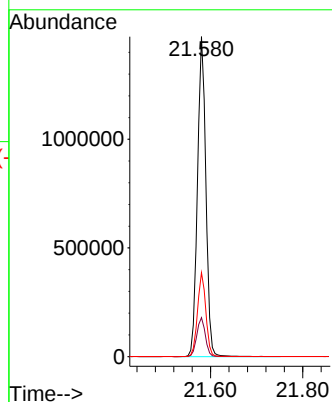
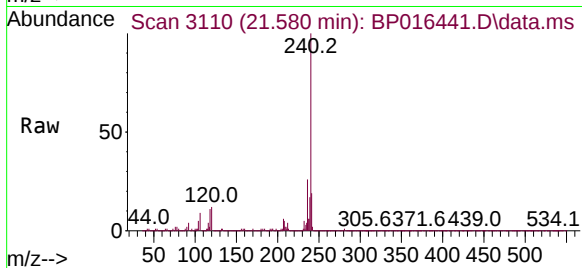
BNA_P

ClientSampleId :

HOWE-1-LP

Tgt Ion:240 Resp: 1858911

Ion	Ratio	Lower	Upper
240	100		
120	12.2	7.9	11.9#
236	26.3	21.1	31.7



#79

Terphenyl-d14

Concen: 104.032 ng

RT: 20.033 min Scan# 2847

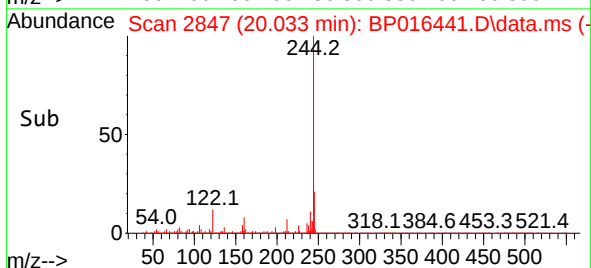
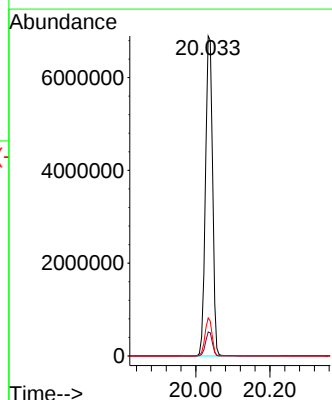
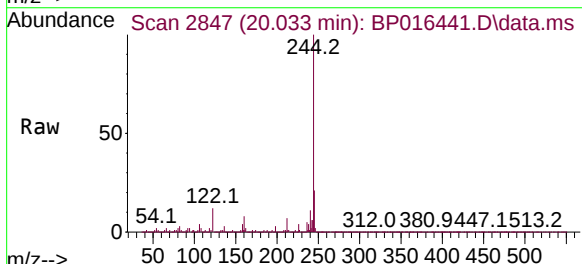
Delta R.T. -0.012 min

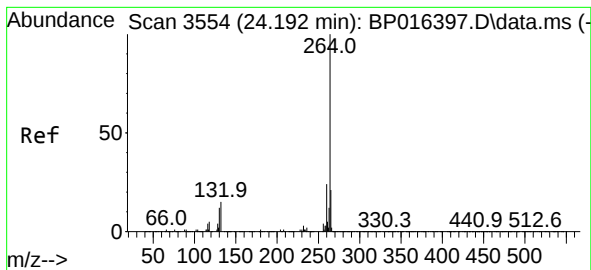
Lab File: BP016441.D

Acq: 29 Jul 2023 01:25

Tgt Ion:244 Resp: 9154696

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.6	8.4
122	11.9	7.4	11.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.174 min Scan# 31
Delta R.T. -0.018 min
Lab File: BP016441.D
Acq: 29 Jul 2023 01:25

Instrument :
BNA_P
ClientSampleId :
HOWE-1-LP

Tgt Ion:264 Resp: 1886137

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.3	28.9
265	21.5	17.4	26.0

