

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072823\
 Data File : BP016440.D
 Acq On : 29 Jul 2023 00:50
 Operator : MA/JU
 Sample : 03770-11
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HOWE-2-LP

Quant Time: Jul 29 03:48:57 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)

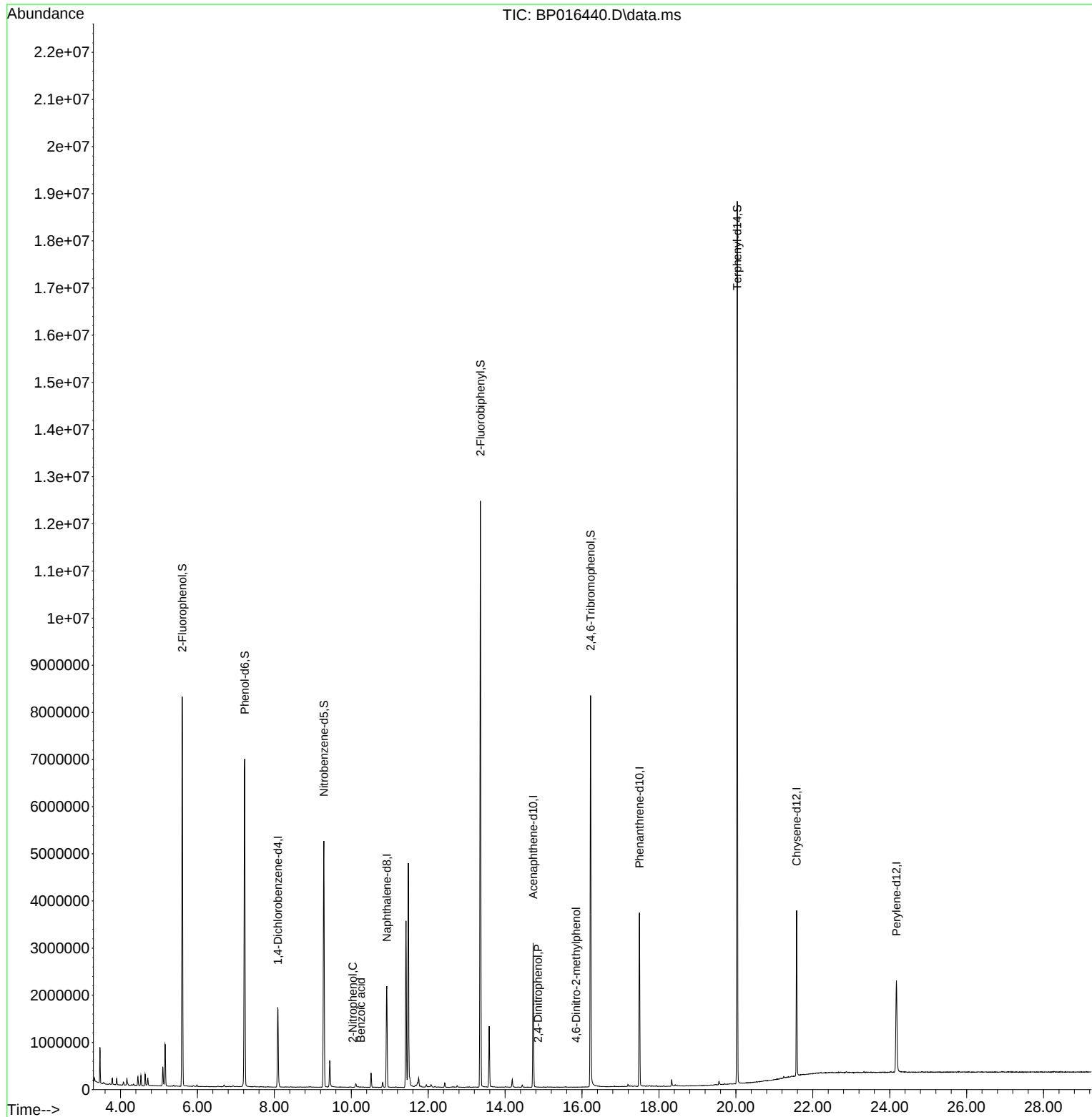
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	452454	20.000	ng	0.00
21) Naphthalene-d8	10.922	136	1772008	20.000	ng	0.00
39) Acenaphthene-d10	14.728	164	976769	20.000	ng	0.00
64) Phenanthrene-d10	17.492	188	2069334	20.000	ng	0.00
76) Chrysene-d12	21.580	240	1570214	20.000	ng	#-0.01
86) Perylene-d12	24.174	264	1513398	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.605	112	3671709	132.391	ng	0.00
7) Phenol-d6	7.228	99	4260280	112.071	ng	0.00
23) Nitrobenzene-d5	9.287	82	3008574	95.042	ng	0.00
42) 2,4,6-Tribromophenol	16.222	330	1516313	105.522	ng	0.00
45) 2-Fluorobiphenyl	13.357	172	6230587	91.451	ng	0.00
79) Terphenyl-d14	20.033	244	8703224	117.085	ng	-0.01
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.222	77	9050	Below Cal	#	4
26) 2-Nitrophenol	10.040	139	103	3.132 ng	#	1
32) Benzoic acid	10.251	122	1363	6.349 ng	#	29
54) 2,4-Dinitrophenol	14.851	184	9	8.003 ng	#	1
65) 4,6-Dinitro-2-methylph...	15.845	198	18	6.303 ng	#	1

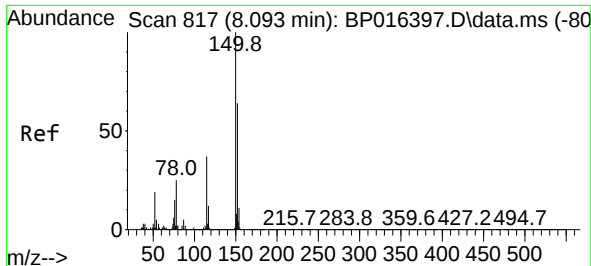
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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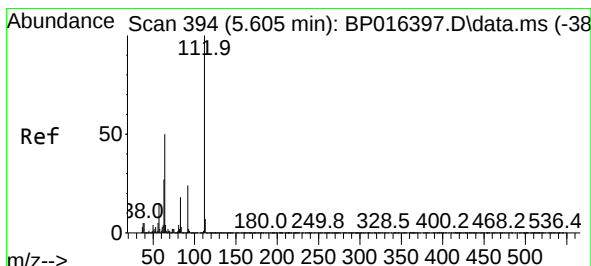
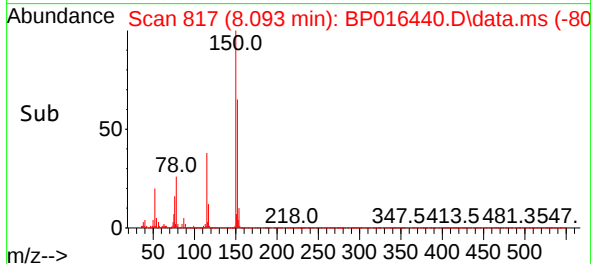
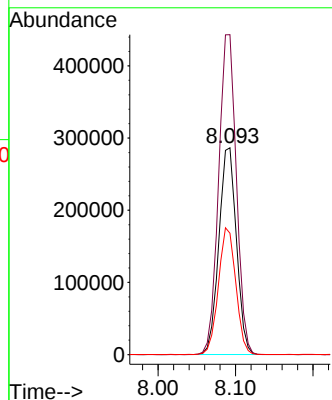
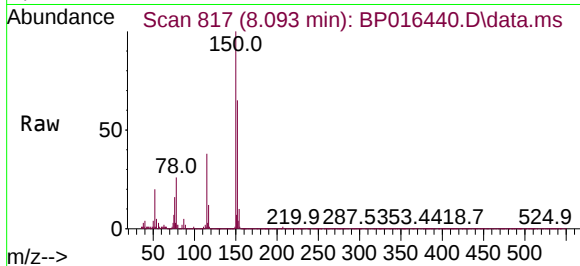




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.093 min Scan# 817
Delta R.T. -0.000 min
Lab File: BP016440.D
Acq: 29 Jul 2023 00:50

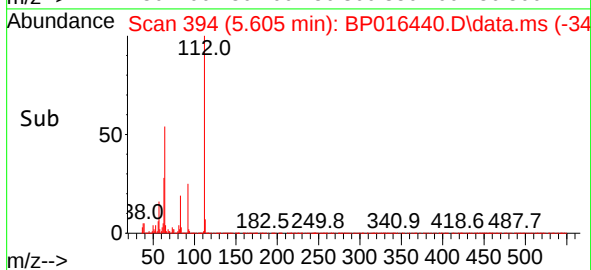
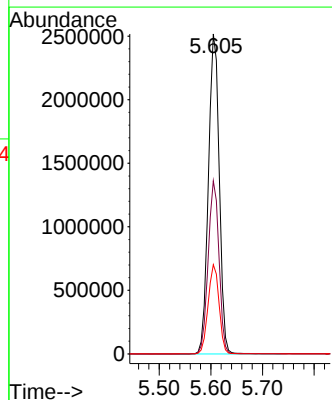
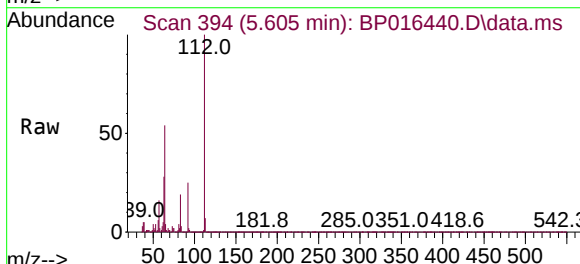
Instrument :
BNA_P
ClientSampleId :
HOWE-2-LP

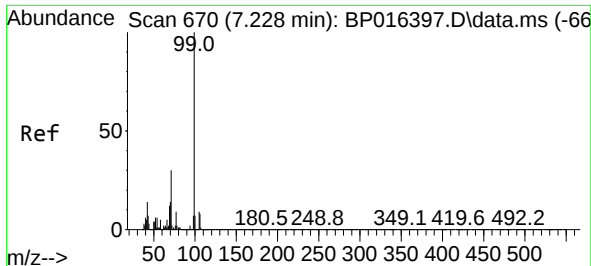
Tgt Ion:152 Resp: 452454
Ion Ratio Lower Upper
152 100
150 154.7 124.9 187.3
115 58.7 46.8 70.2



#5
2-Fluorophenol
Concen: 132.391 ng
RT: 5.605 min Scan# 394
Delta R.T. -0.000 min
Lab File: BP016440.D
Acq: 29 Jul 2023 00:50

Tgt Ion:112 Resp: 3671709
Ion Ratio Lower Upper
112 100
64 54.1 40.0 60.0
63 27.9 21.2 31.8



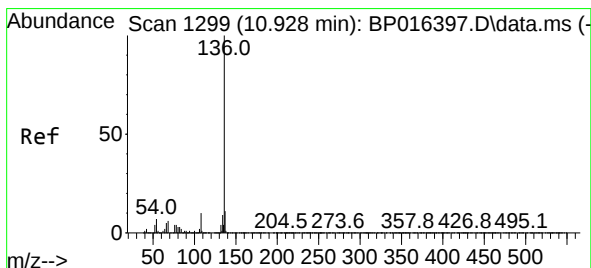
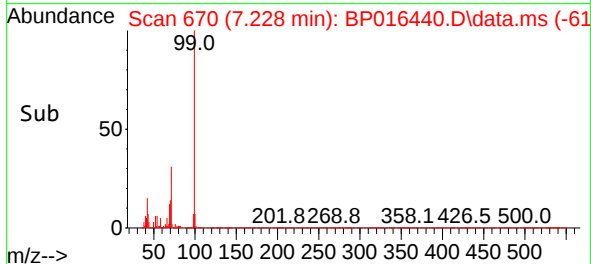
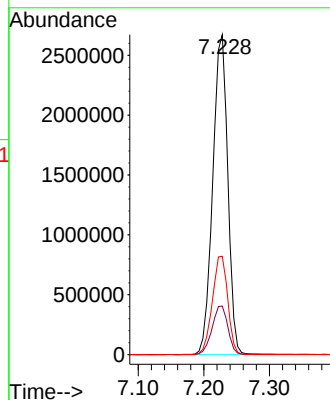
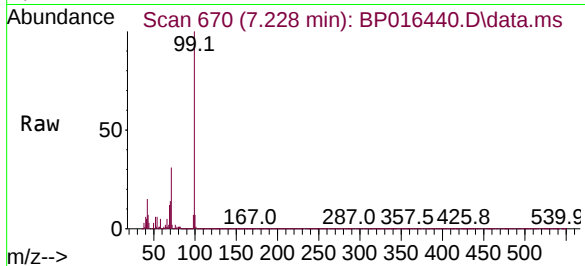


#7
Phenol-d6
Concen: 112.071 ng
RT: 7.228 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP016440.D
Acq: 29 Jul 2023 00:50

Instrument :
BNA_P
ClientSampleId :
HOWE-2-LP

Tgt Ion: 99 Resp: 4260280

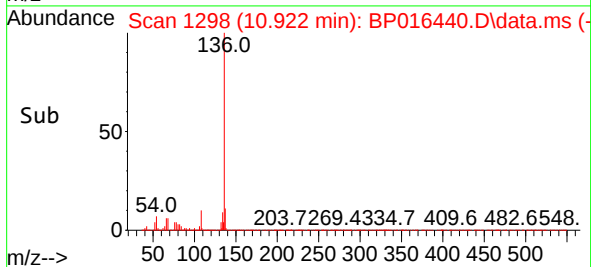
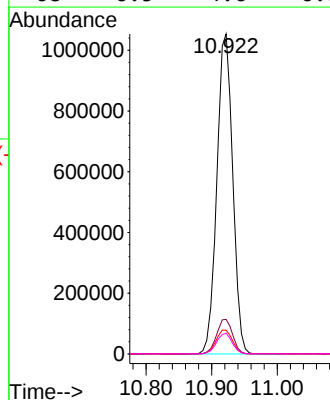
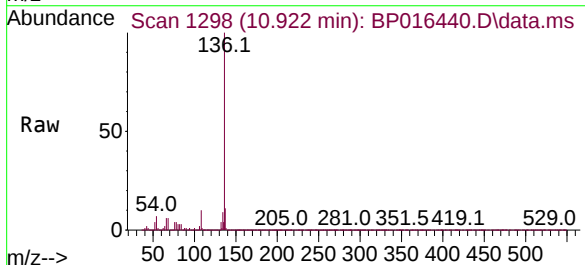
Ion	Ratio	Lower	Upper
99	100		
42	15.2	11.6	17.4
71	30.7	24.3	36.5

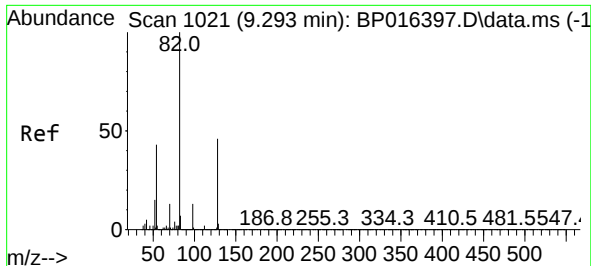


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.922 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BP016440.D
Acq: 29 Jul 2023 00:50

Tgt Ion:136 Resp: 1772008

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	7.4	5.6	8.4
68	6.5	4.6	6.8

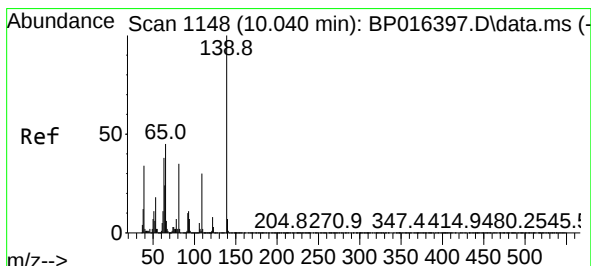
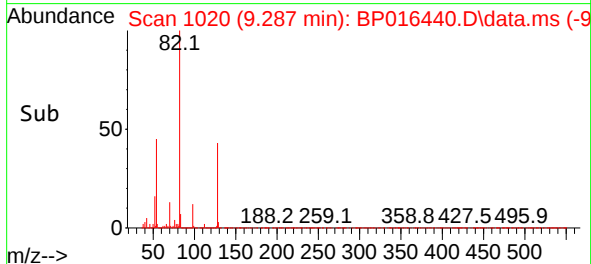
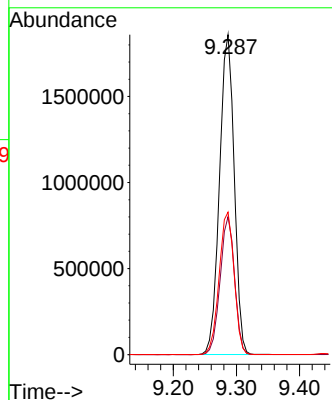
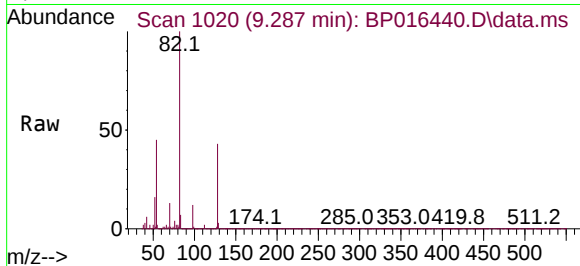




#23
Nitrobenzene-d5
Concen: 95.042 ng
RT: 9.287 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BP016440.D
Acq: 29 Jul 2023 00:50

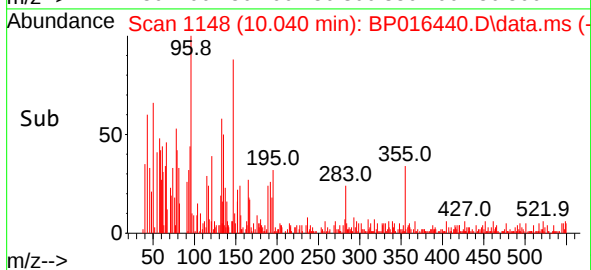
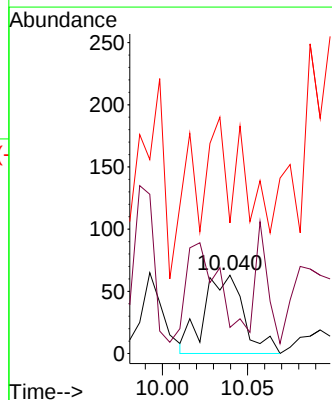
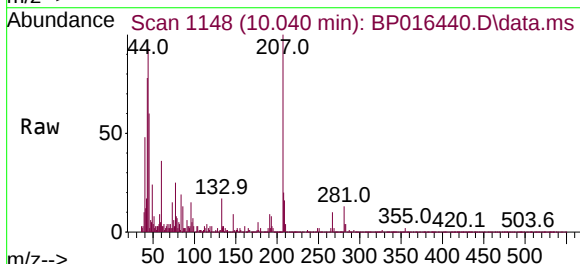
Instrument :
BNA_P
ClientSampleId :
HOWE-2-LP

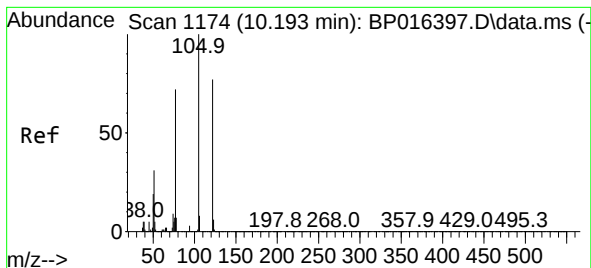
Tgt Ion: 82 Resp: 3008574
Ion Ratio Lower Upper
82 100
128 43.1 36.6 55.0
54 44.5 34.5 51.7



#26
2-Nitrophenol
Concen: 3.132 ng
RT: 10.040 min Scan# 1148
Delta R.T. -0.000 min
Lab File: BP016440.D
Acq: 29 Jul 2023 00:50

Tgt Ion: 139 Resp: 103
Ion Ratio Lower Upper
139 100
109 33.3 24.2 36.4
65 166.7 35.8 53.6#





#32

Benzoic acid

Concen: 6.349 ng

RT: 10.251 min Scan# 1174

Delta R.T. 0.058 min

Lab File: BP016440.D

Acq: 29 Jul 2023 00:50

Instrument :

BNA_P

ClientSampleId :

HOWE-2-LP

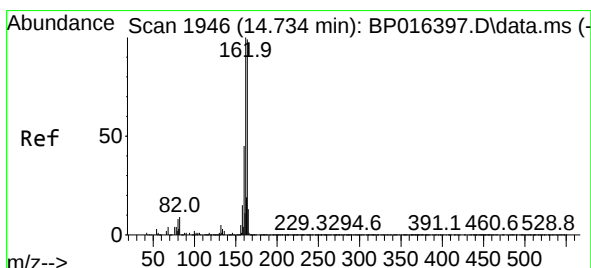
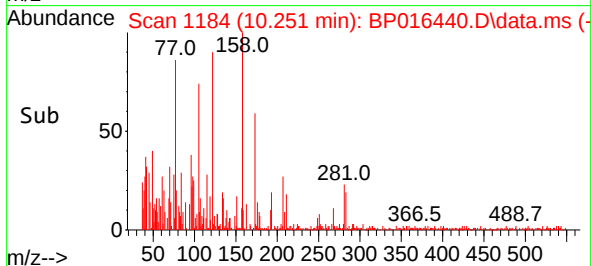
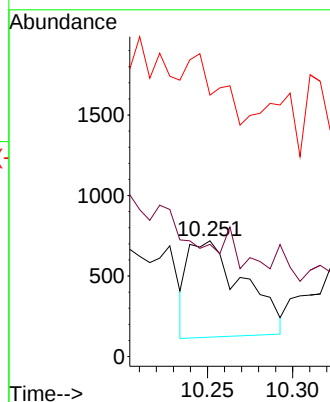
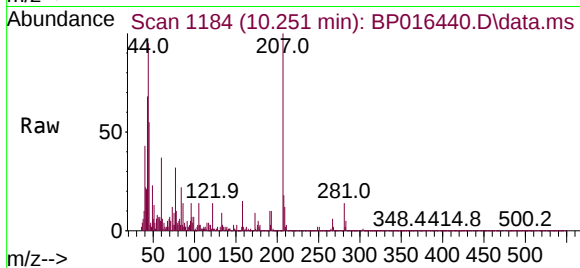
Tgt Ion:122 Resp: 1363

Ion Ratio Lower Upper

122 100

105 92.7 105.2 145.2#

77 216.0 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: BP016440.D

Acq: 29 Jul 2023 00:50

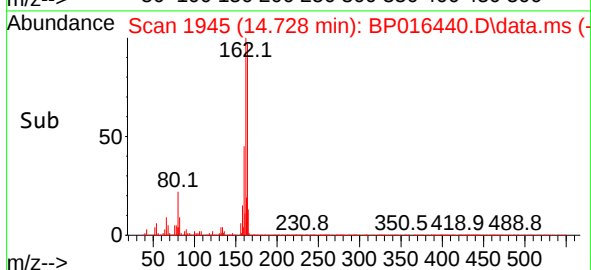
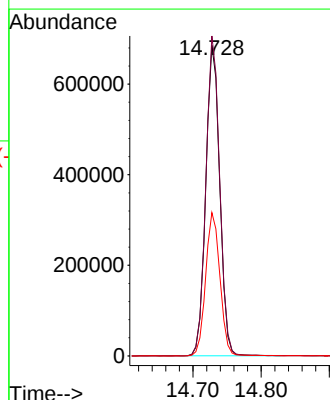
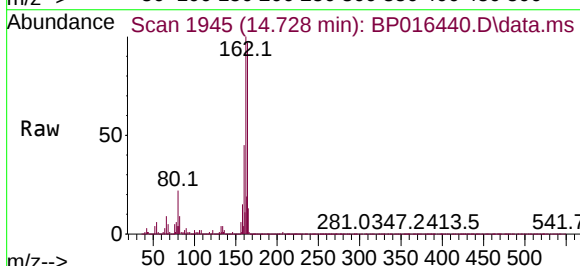
Tgt Ion:164 Resp: 976769

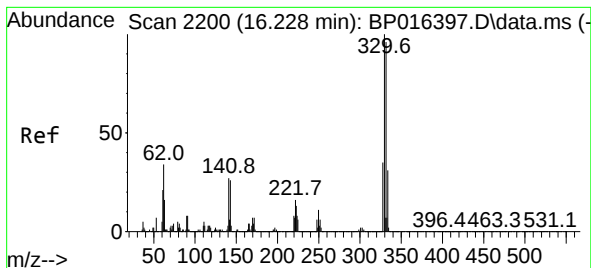
Ion Ratio Lower Upper

164 100

162 103.0 81.0 121.6

160 46.1 36.6 55.0





#42

2,4,6-Tribromophenol

Concen: 105.522 ng

RT: 16.222 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP016440.D

Acq: 29 Jul 2023 00:50

Instrument :

BNA_P

ClientSampleId :

HOWE-2-LP

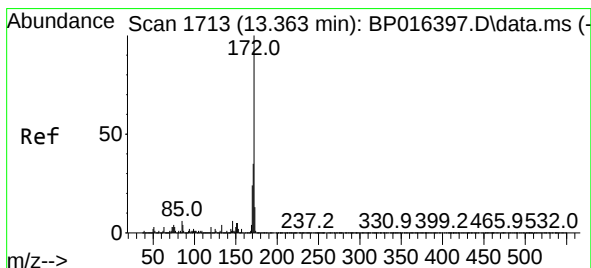
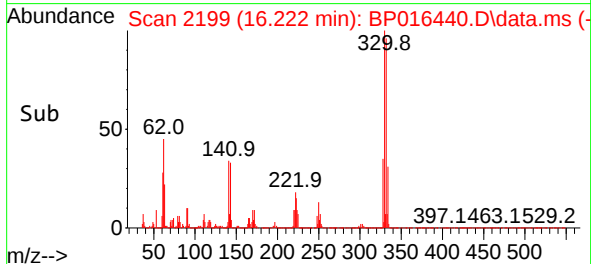
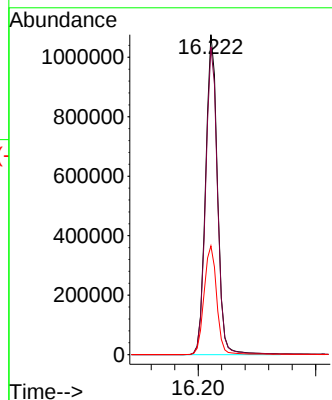
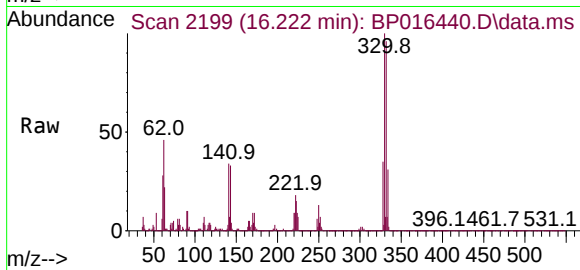
Tgt Ion:330 Resp: 1516313

Ion Ratio Lower Upper

330 100

332 97.0 77.8 116.8

141 36.2 22.6 34.0#



#45

2-Fluorobiphenyl

Concen: 91.451 ng

RT: 13.357 min Scan# 1712

Delta R.T. -0.006 min

Lab File: BP016440.D

Acq: 29 Jul 2023 00:50

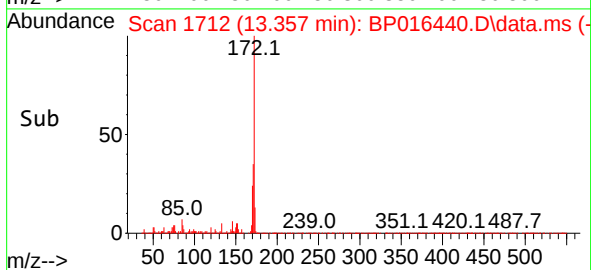
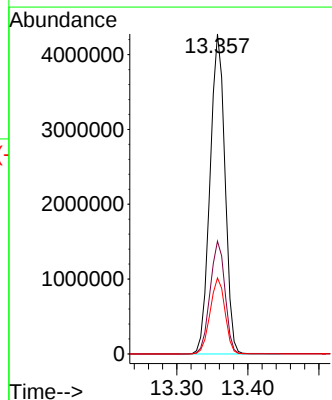
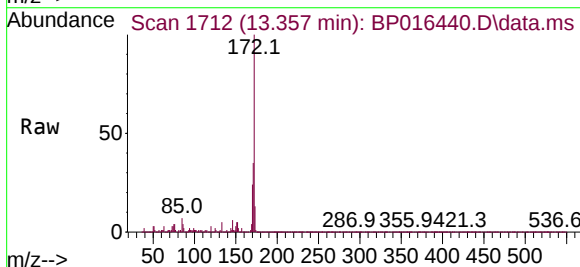
Tgt Ion:172 Resp: 6230587

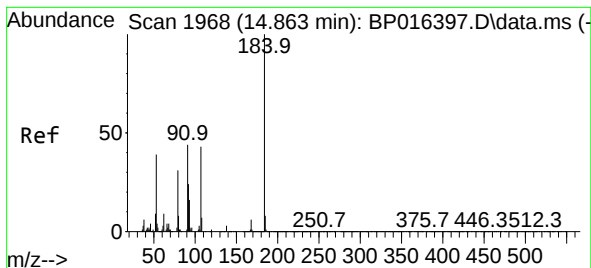
Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.2

170 23.8 19.1 28.7

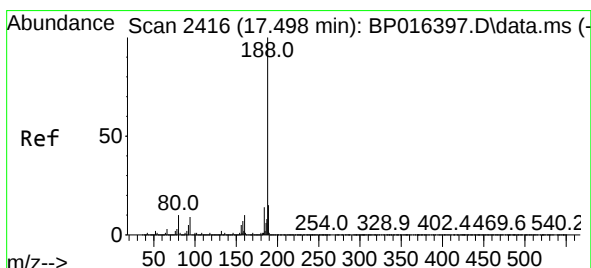
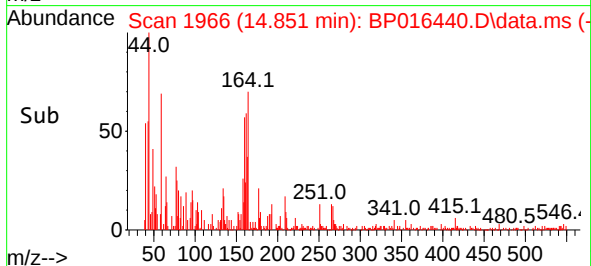
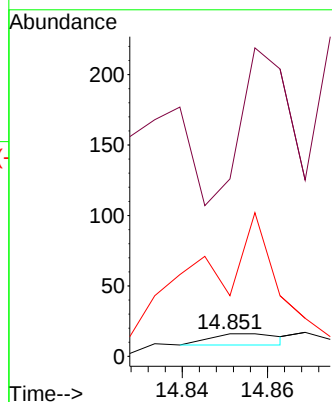
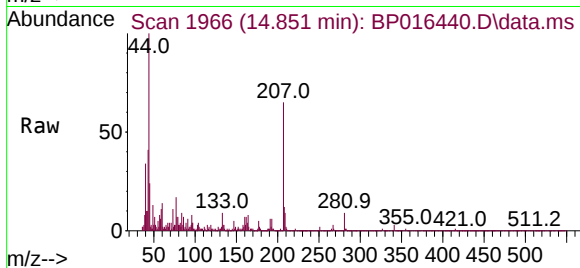




#54
2,4-Dinitrophenol
Concen: 8.003 ng
RT: 14.851 min Scan# 1966
Delta R.T. -0.012 min
Lab File: BP016440.D
Acq: 29 Jul 2023 00:50

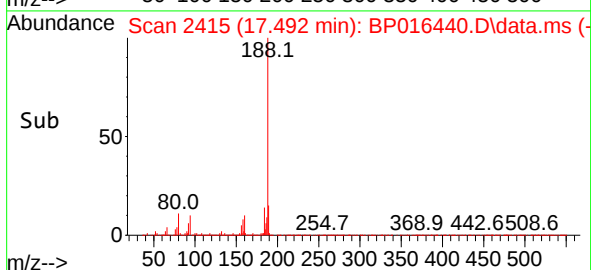
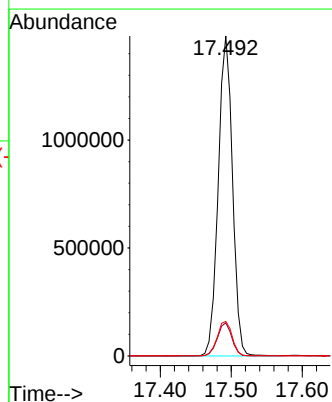
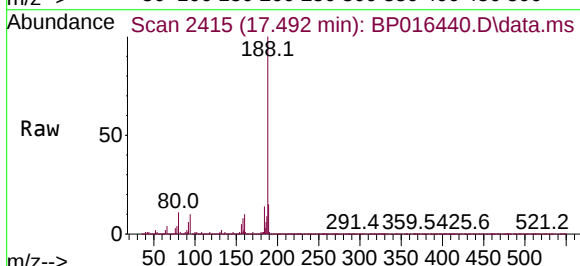
Instrument :
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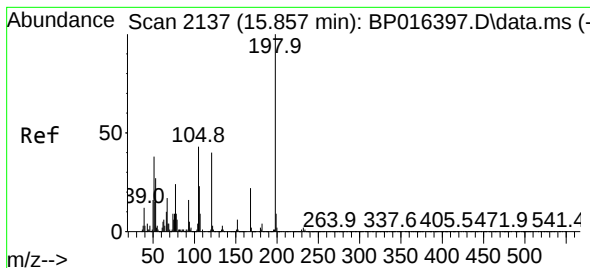
Tgt Ion:184 Resp: 9
Ion Ratio Lower Upper
184 100
63 787.5 48.2 72.4#
154 268.8 49.6 74.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.492 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BP016440.D
Acq: 29 Jul 2023 00:50

Tgt Ion:188 Resp: 2069334
Ion Ratio Lower Upper
188 100
94 10.4 7.4 11.0
80 10.8 7.8 11.8

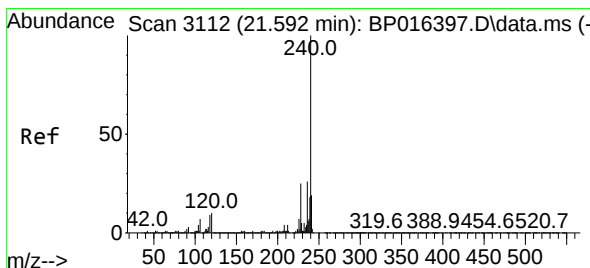
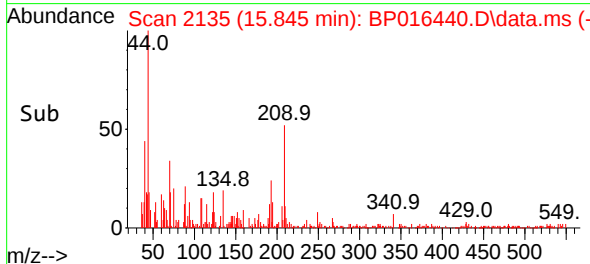
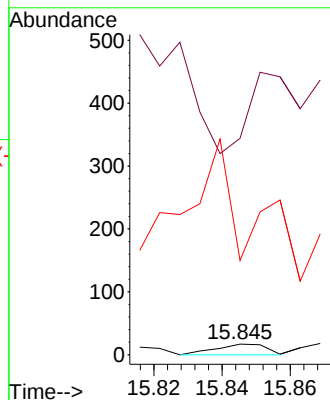
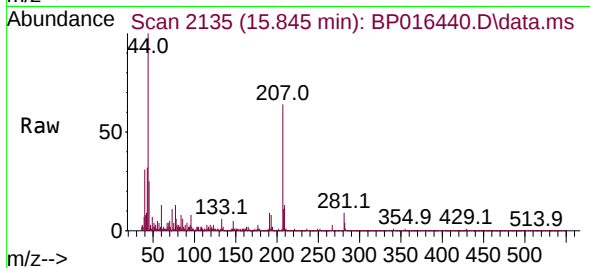




#65
4,6-Dinitro-2-methylphenol
Concen: 6.303 ng
RT: 15.845 min Scan# 2135
Delta R.T. -0.012 min
Lab File: BP016440.D
Acq: 29 Jul 2023 00:50

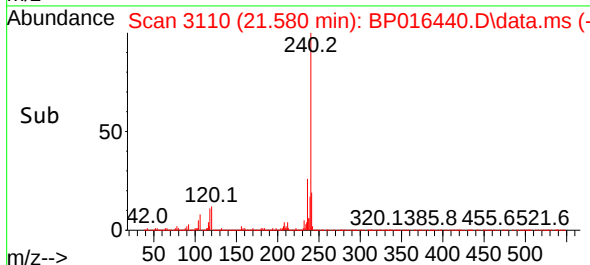
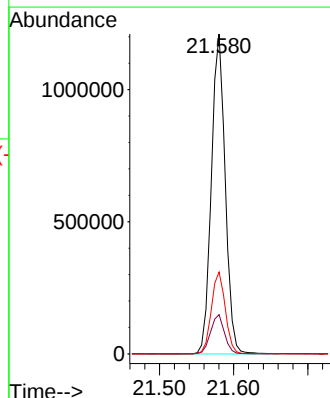
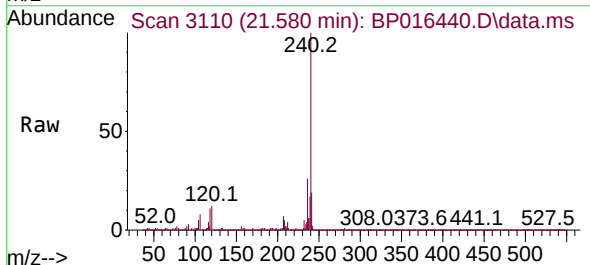
Instrument :
BNA_P
ClientSampleId :
HOWE-2-LP

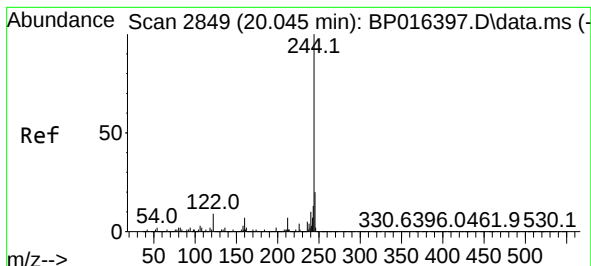
Tgt Ion:198 Resp: 18
Ion Ratio Lower Upper
198 100
51 2023.5 20.1 60.1#
105 882.4 23.1 63.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.580 min Scan# 3110
Delta R.T. -0.012 min
Lab File: BP016440.D
Acq: 29 Jul 2023 00:50

Tgt Ion:240 Resp: 1570214
Ion Ratio Lower Upper
240 100
120 12.3 7.9 11.9#
236 25.6 21.1 31.7





#79

Terphenyl-d14

Concen: 117.085 ng

RT: 20.033 min Scan# 2849

Delta R.T. -0.012 min

Lab File: BP016440.D

Acq: 29 Jul 2023 00:50

Instrument :

BNA_P

ClientSampleId :

HOWE-2-LP

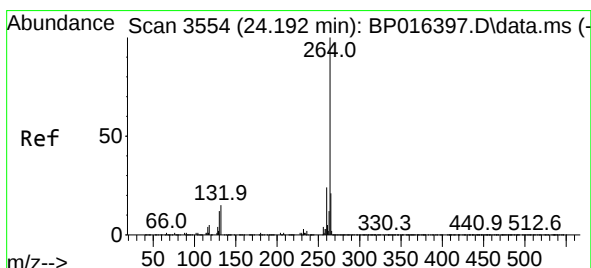
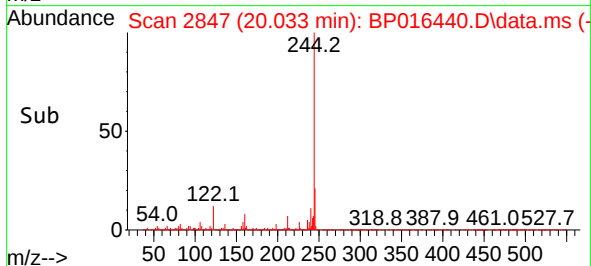
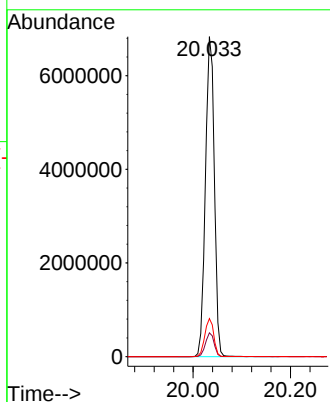
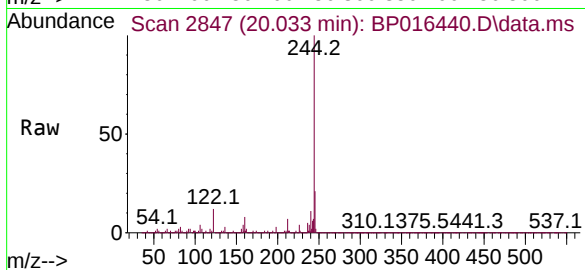
Tgt Ion:244 Resp: 8703224

Ion Ratio Lower Upper

244 100

212 7.4 5.6 8.4

122 11.9 7.4 11.2#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.174 min Scan# 3551

Delta R.T. -0.018 min

Lab File: BP016440.D

Acq: 29 Jul 2023 00:50

Tgt Ion:264 Resp: 1513398

Ion Ratio Lower Upper

264 100

260 23.6 19.3 28.9

265 21.4 17.4 26.0

