

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072723\
 Data File : BP016405.D
 Acq On : 27 Jul 2023 17:56
 Operator : MA/JU
 Sample : 03706-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B-P10B

Quant Time: Jul 28 02:14:49 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)

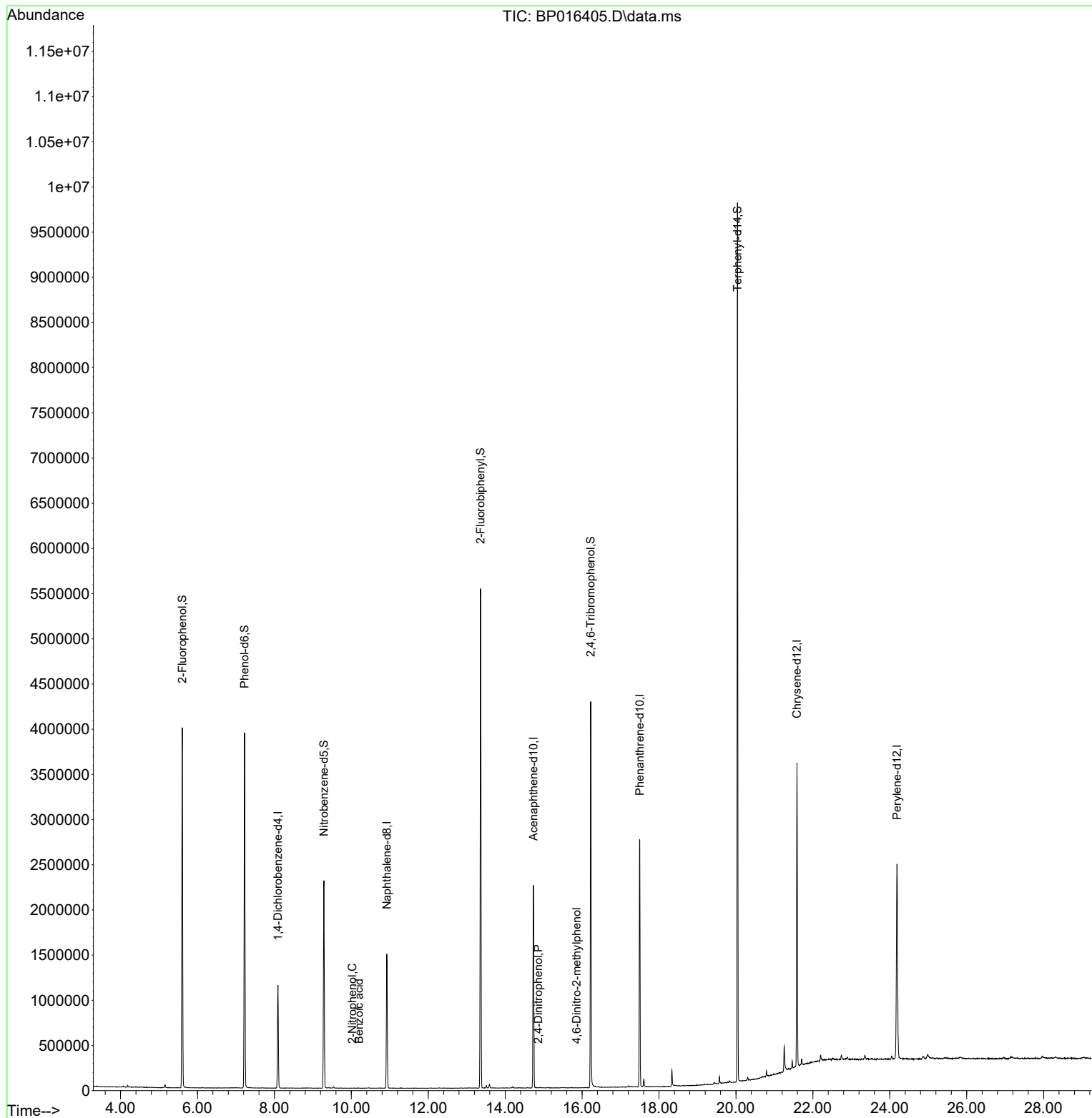
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	306134	20.000	ng	0.00
21) Naphthalene-d8	10.922	136	1214435	20.000	ng	0.00
39) Acenaphthene-d10	14.734	164	716267	20.000	ng	0.00
64) Phenanthrene-d10	17.498	188	1588343	20.000	ng	0.00
76) Chrysene-d12	21.586	240	1492386	20.000	ng	0.00
86) Perylene-d12	24.186	264	1709436	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.605	112	1774686	94.575	ng	0.00
7) Phenol-d6	7.222	99	2304691	89.605	ng	0.00
23) Nitrobenzene-d5	9.287	82	1315877	60.654	ng	0.00
42) 2,4,6-Tribromophenol	16.222	330	717438	68.085	ng	0.00
45) 2-Fluorobiphenyl	13.357	172	2802994	56.104	ng	0.00
79) Terphenyl-d14	20.039	244	4147430	58.705	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.222	77	4556	Below Cal	#	6
26) 2-Nitrophenol	10.022	139	16	3.127 ng	#	1
32) Benzoic acid	10.199	122	52	6.290 ng	#	1
54) 2,4-Dinitrophenol	14.863	184	8	8.003 ng	#	1
65) 4,6-Dinitro-2-methylph...	15.857	198	11	6.303 ng	#	1

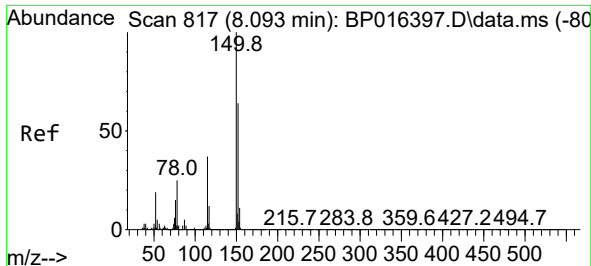
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072723\
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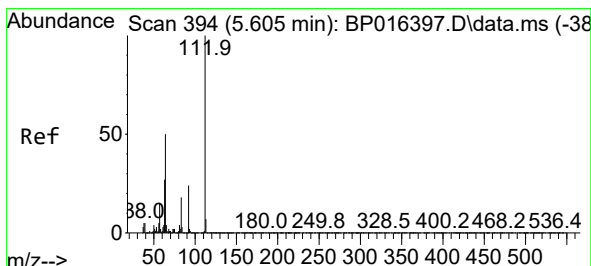
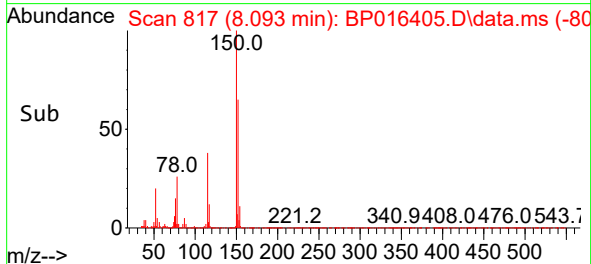
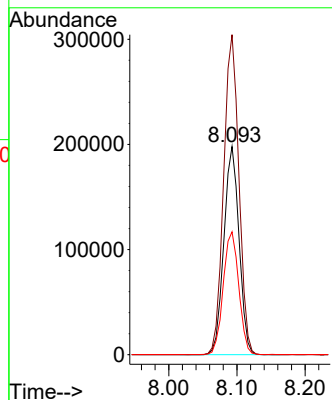
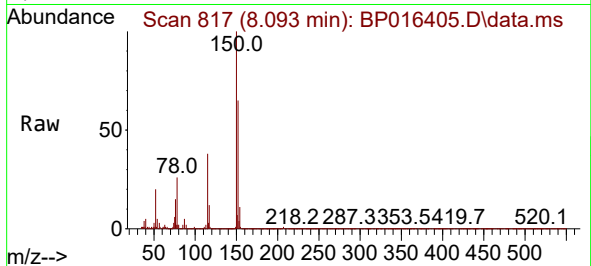




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.093 min Scan# 817
Delta R.T. -0.000 min
Lab File: BP016405.D
Acq: 27 Jul 2023 17:56

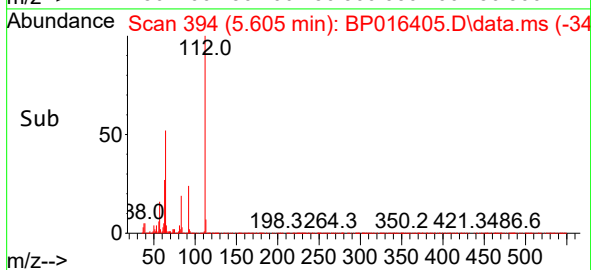
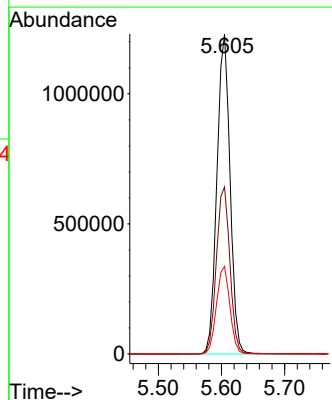
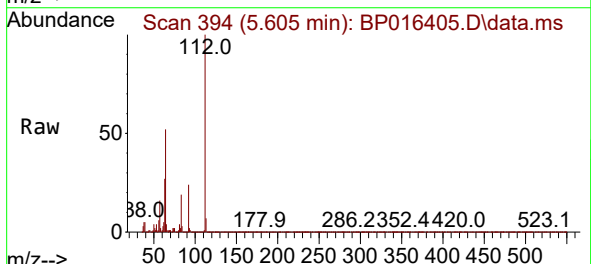
Instrument :
BNA_P
ClientSampleId :
B-P10B

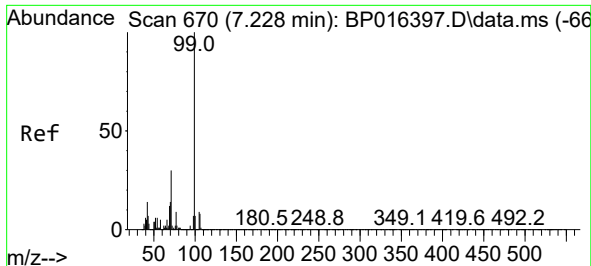
Tgt Ion:152 Resp: 306134
Ion Ratio Lower Upper
152 100
150 153.7 124.9 187.3
115 59.0 46.8 70.2



#5
2-Fluorophenol
Concen: 94.575 ng
RT: 5.605 min Scan# 394
Delta R.T. -0.000 min
Lab File: BP016405.D
Acq: 27 Jul 2023 17:56

Tgt Ion:112 Resp: 1774686
Ion Ratio Lower Upper
112 100
64 52.2 40.0 60.0
63 27.4 21.2 31.8

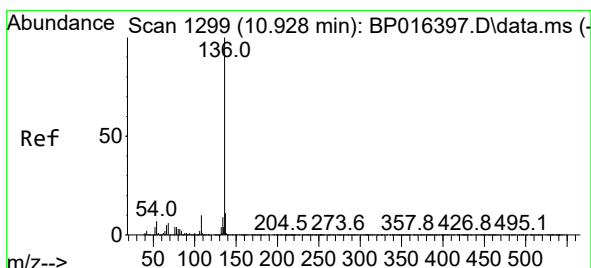
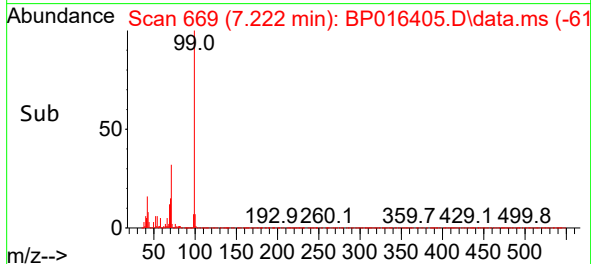
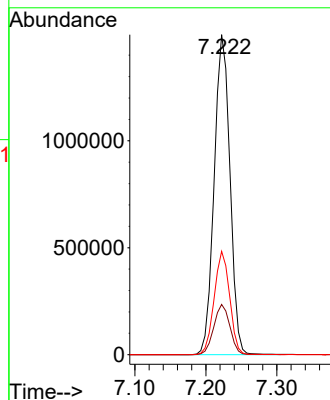
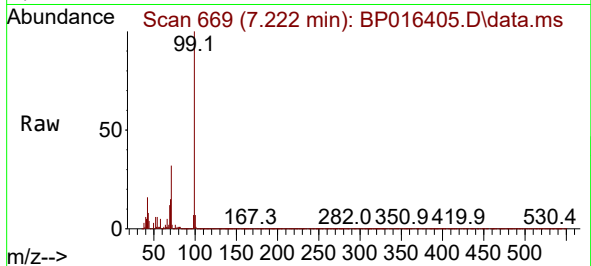




#7
Phenol-d6
Concen: 89.605 ng
RT: 7.222 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP016405.D
Acq: 27 Jul 2023 17:56

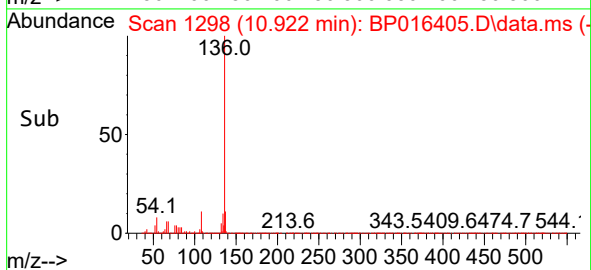
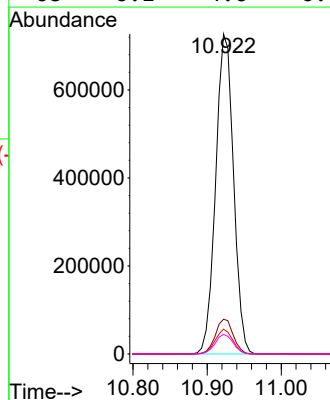
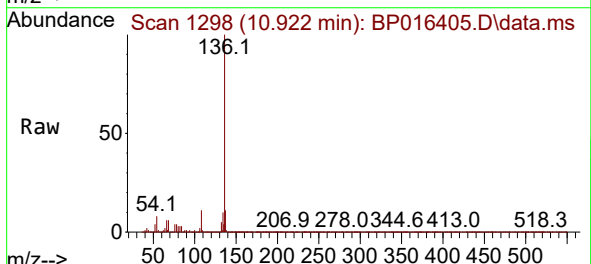
Instrument :
BNA_P
ClientSampleId :
B-P10B

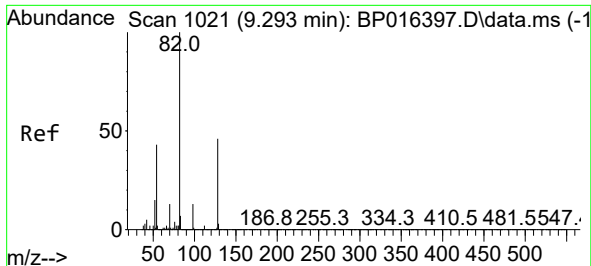
Tgt Ion: 99 Resp: 2304691
Ion Ratio Lower Upper
99 100
42 15.7 11.6 17.4
71 32.3 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.922 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BP016405.D
Acq: 27 Jul 2023 17:56

Tgt Ion:136 Resp: 1214435
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 7.7 5.6 8.4
68 6.1 4.6 6.8

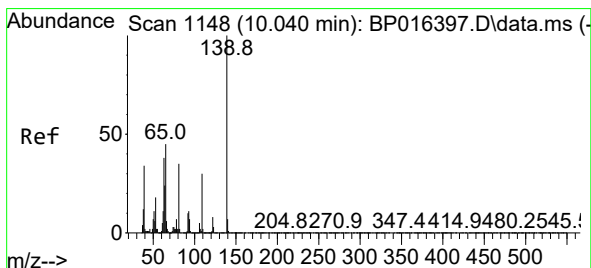
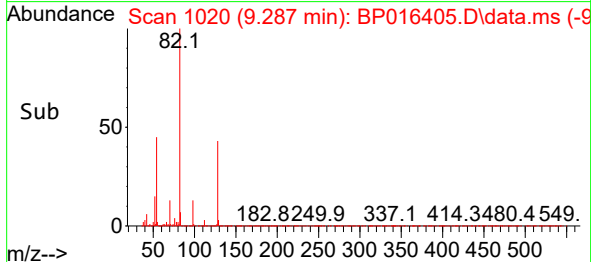
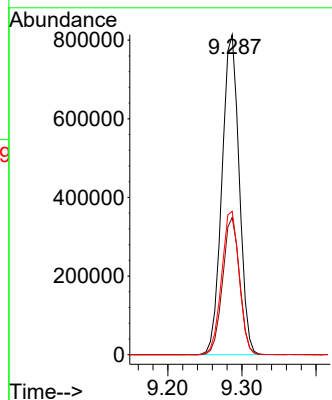
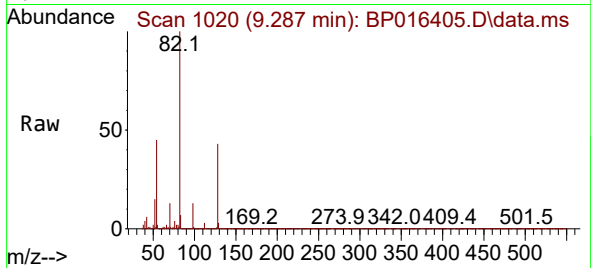




#23
Nitrobenzene-d5
Concen: 60.654 ng
RT: 9.287 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BP016405.D
Acq: 27 Jul 2023 17:56

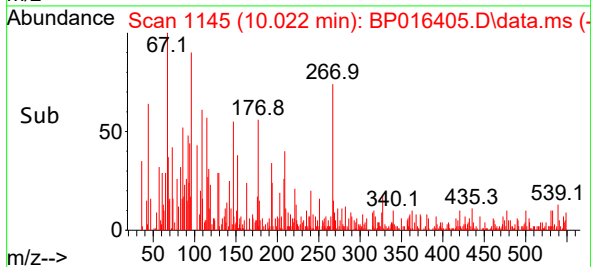
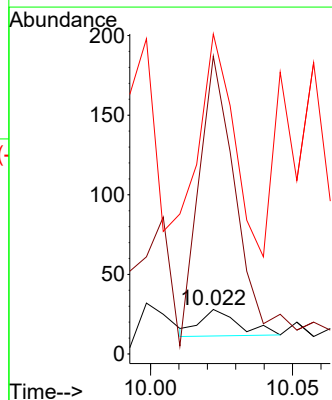
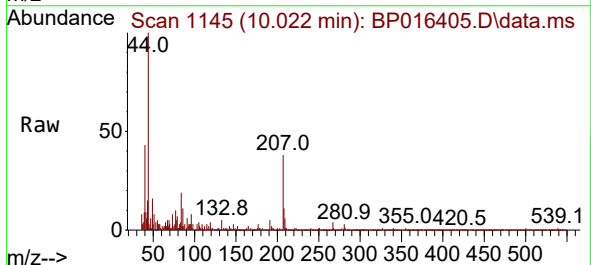
Instrument :
BNA_P
ClientSampleId :
B-P10B

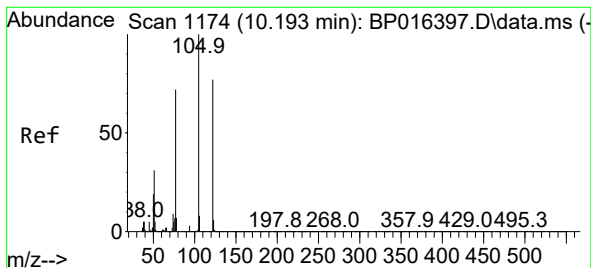
Tgt Ion: 82 Resp: 1315877
Ion Ratio Lower Upper
82 100
128 42.8 36.6 55.0
54 44.8 34.5 51.7



#26
2-Nitrophenol
Concen: 3.127 ng
RT: 10.022 min Scan# 1145
Delta R.T. -0.018 min
Lab File: BP016405.D
Acq: 27 Jul 2023 17:56

Tgt Ion:139 Resp: 16
Ion Ratio Lower Upper
139 100
109 667.9 24.2 36.4#
65 717.9 35.8 53.6#





#32

Benzoic acid

Concen: 6.290 ng

RT: 10.199 min Scan# 1174

Delta R.T. 0.006 min

Lab File: BP016405.D

Acq: 27 Jul 2023 17:56

Instrument :

BNA_P

ClientSampleId :

B-P10B

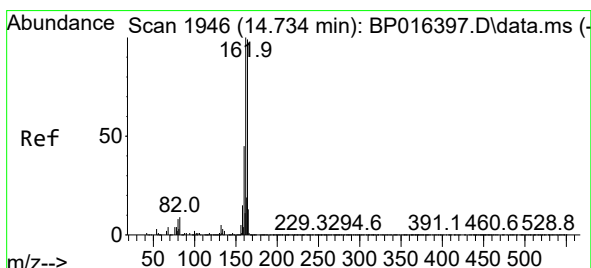
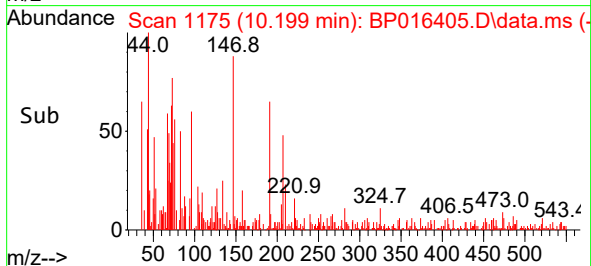
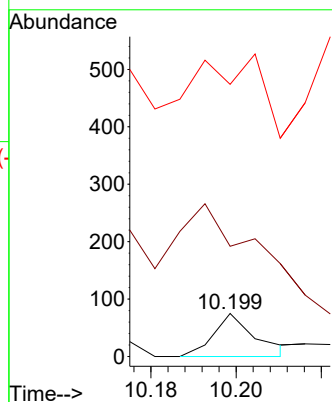
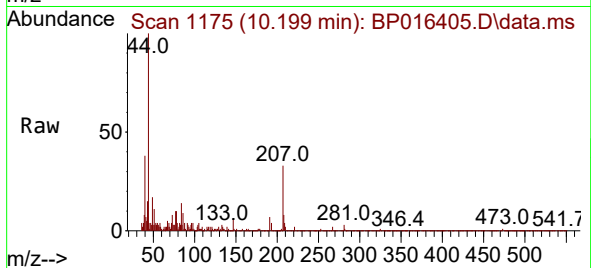
Tgt Ion:122 Resp: 52

Ion Ratio Lower Upper

122 100

105 256.0 105.2 145.2#

77 632.0 72.2 112.2#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.734 min Scan# 1946

Delta R.T. -0.000 min

Lab File: BP016405.D

Acq: 27 Jul 2023 17:56

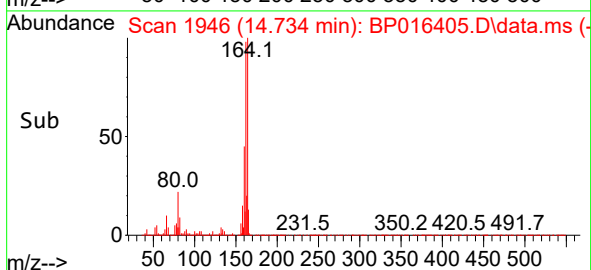
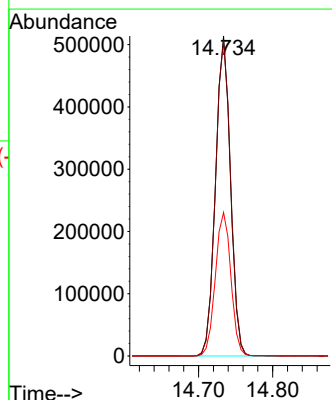
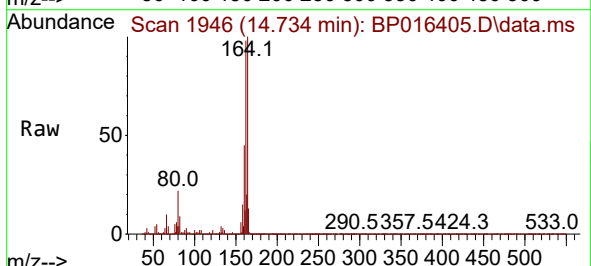
Tgt Ion:164 Resp: 716267

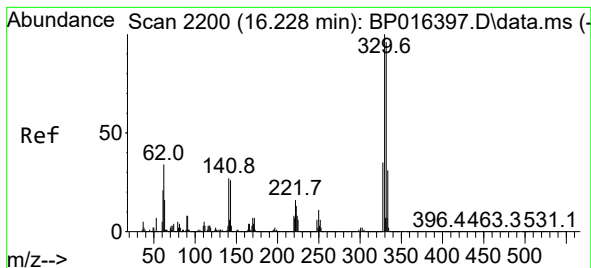
Ion Ratio Lower Upper

164 100

162 98.5 81.0 121.6

160 44.9 36.6 55.0





#42

2,4,6-Tribromophenol

Concen: 68.085 ng

RT: 16.222 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP016405.D

Acq: 27 Jul 2023 17:56

Instrument :

BNA_P

ClientSampleId :

B-P10B

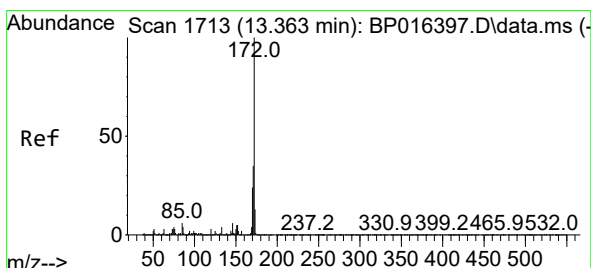
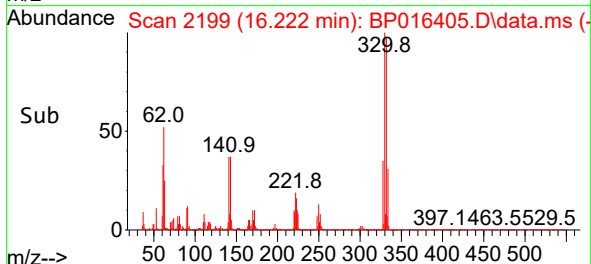
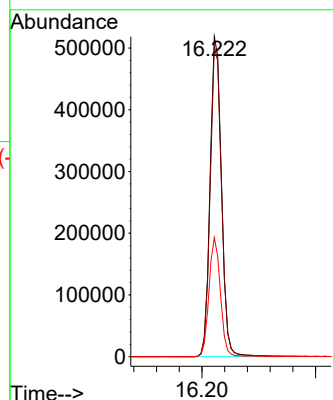
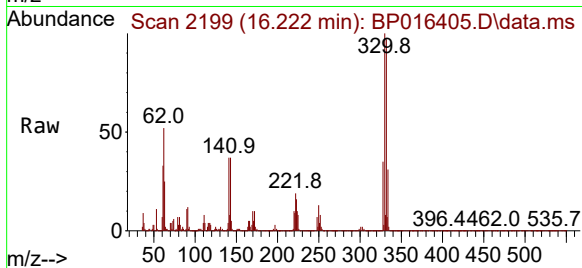
Tgt Ion:330 Resp: 717438

Ion Ratio Lower Upper

330 100

332 97.2 77.8 116.8

141 37.4 22.6 34.0#



#45

2-Fluorobiphenyl

Concen: 56.104 ng

RT: 13.357 min Scan# 1712

Delta R.T. -0.006 min

Lab File: BP016405.D

Acq: 27 Jul 2023 17:56

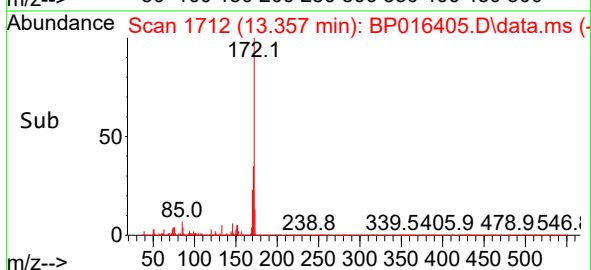
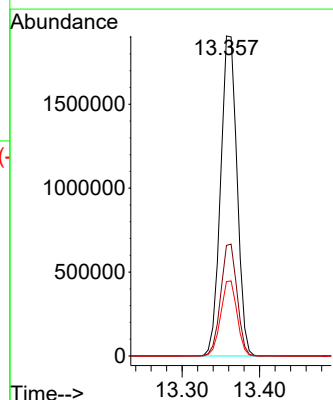
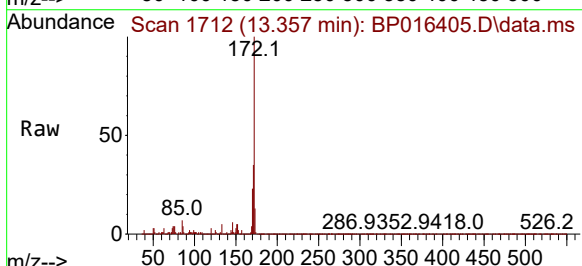
Tgt Ion:172 Resp: 2802994

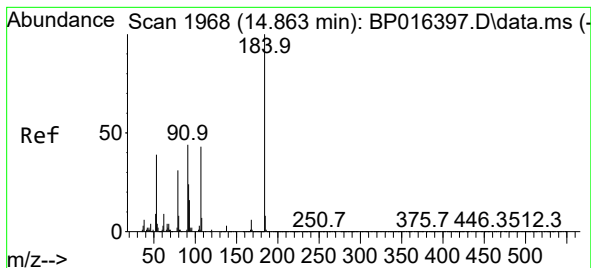
Ion Ratio Lower Upper

172 100

171 34.6 28.2 42.2

170 23.3 19.1 28.7

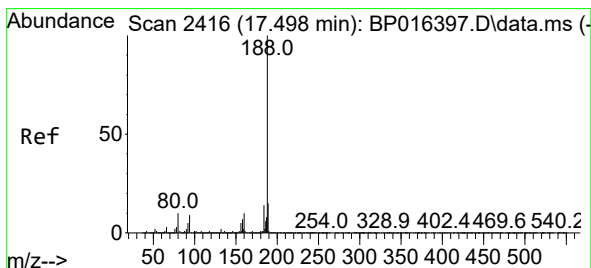
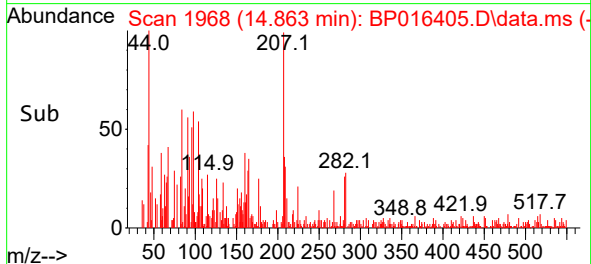
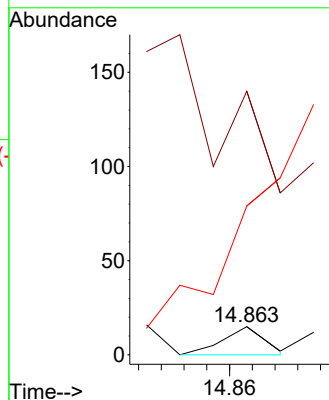
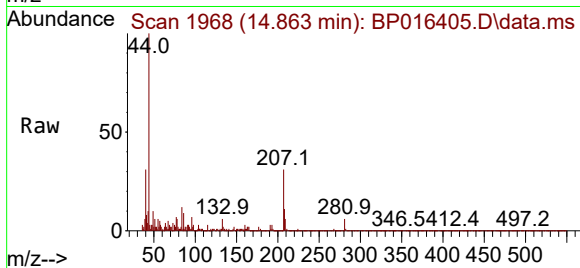




#54
2,4-Dinitrophenol
Concen: 8.003 ng
RT: 14.863 min Scan# 1968
Delta R.T. 0.000 min
Lab File: BP016405.D
Acq: 27 Jul 2023 17:56

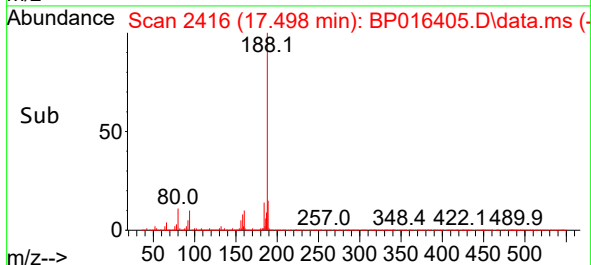
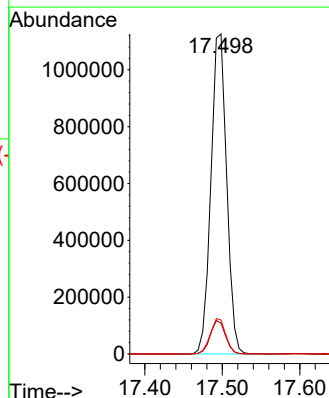
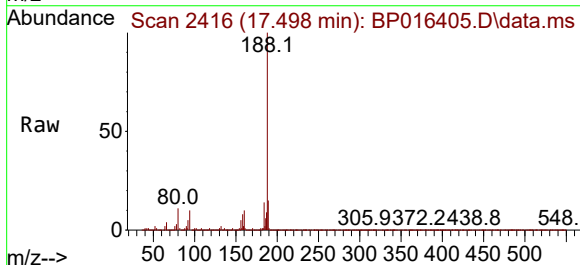
Instrument :
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B-P10B

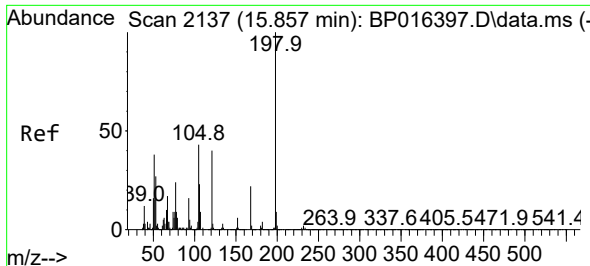
Tgt Ion:184 Resp: 8
Ion Ratio Lower Upper
184 100
63 933.3 48.2 72.4#
154 526.7 49.6 74.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.498 min Scan# 2416
Delta R.T. -0.000 min
Lab File: BP016405.D
Acq: 27 Jul 2023 17:56

Tgt Ion:188 Resp: 1588343
Ion Ratio Lower Upper
188 100
94 9.7 7.4 11.0
80 10.6 7.8 11.8

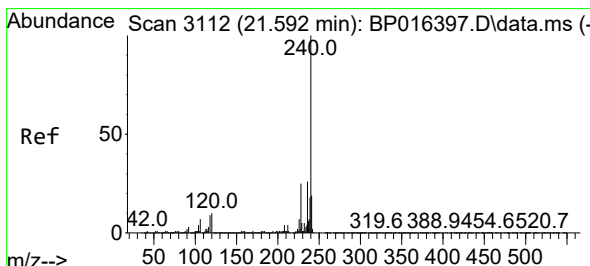
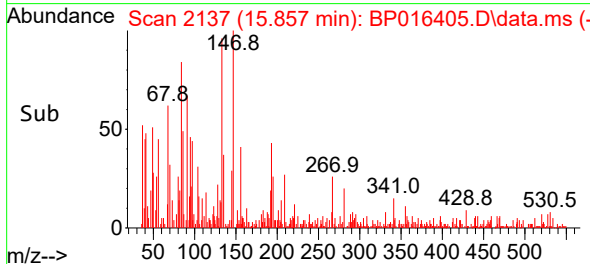
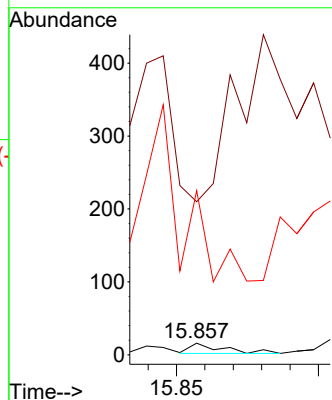
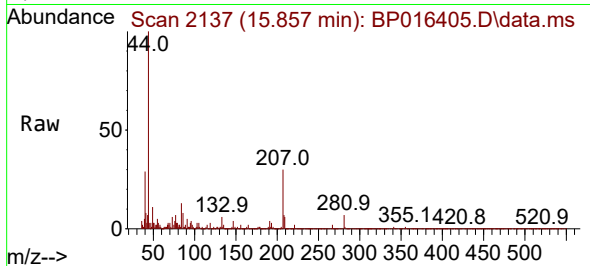




#65
4,6-Dinitro-2-methylphenol
Concen: 6.303 ng
RT: 15.857 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BP016405.D
Acq: 27 Jul 2023 17:56

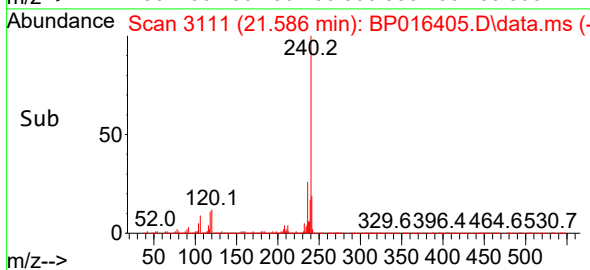
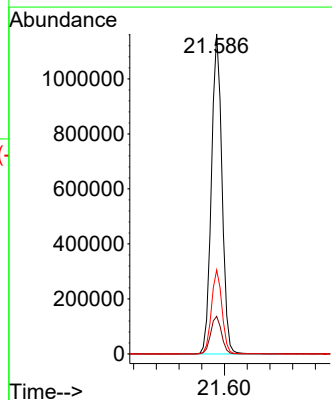
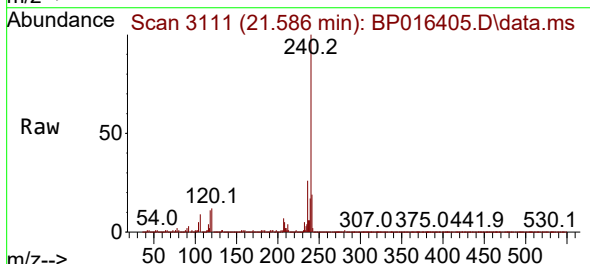
Instrument :
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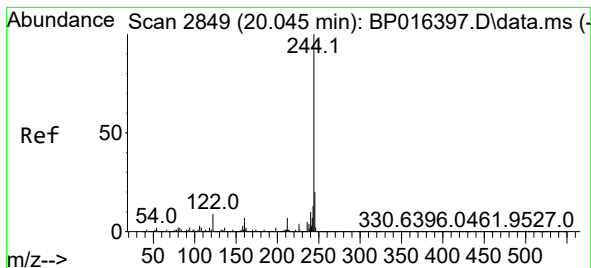
Tgt Ion:198 Resp: 11
Ion Ratio Lower Upper
198 100
51 1312.5 20.1 60.1#
105 1406.3 23.1 63.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.586 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BP016405.D
Acq: 27 Jul 2023 17:56

Tgt Ion:240 Resp: 1492386
Ion Ratio Lower Upper
240 100
120 11.8 7.9 11.9
236 26.2 21.1 31.7





#79

Terphenyl-d14

Concen: 58.705 ng

RT: 20.039 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP016405.D

Acq: 27 Jul 2023 17:56

Instrument :

BNA_P

ClientSampleId :

B-P10B

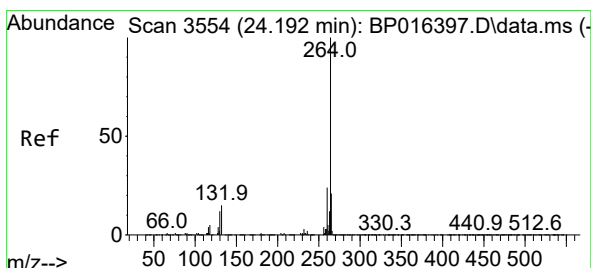
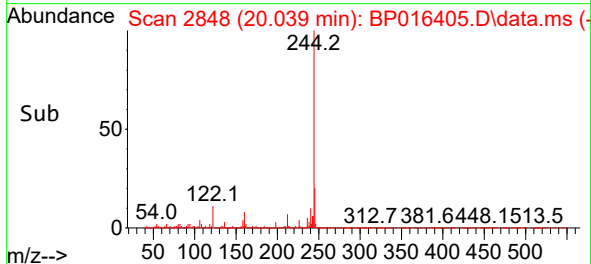
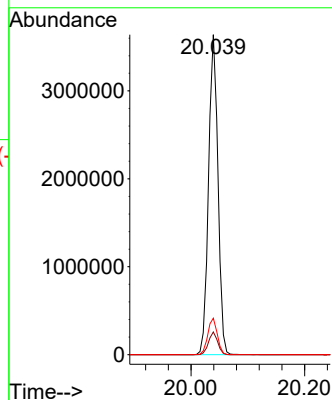
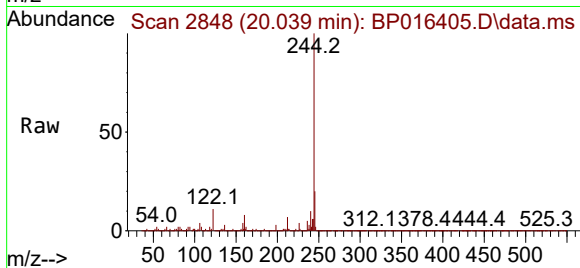
Tgt Ion:244 Resp: 4147430

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 11.4 7.4 11.2#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.186 min Scan# 3553

Delta R.T. -0.006 min

Lab File: BP016405.D

Acq: 27 Jul 2023 17:56

Tgt Ion:264 Resp: 1709436

Ion Ratio Lower Upper

264 100

260 23.3 19.3 28.9

265 22.0 17.4 26.0

