

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072723\
 Data File : BP016404.D
 Acq On : 27 Jul 2023 17:21
 Operator : MA/JU
 Sample : 03706-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B-P21B

Quant Time: Jul 28 02:14:33 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)

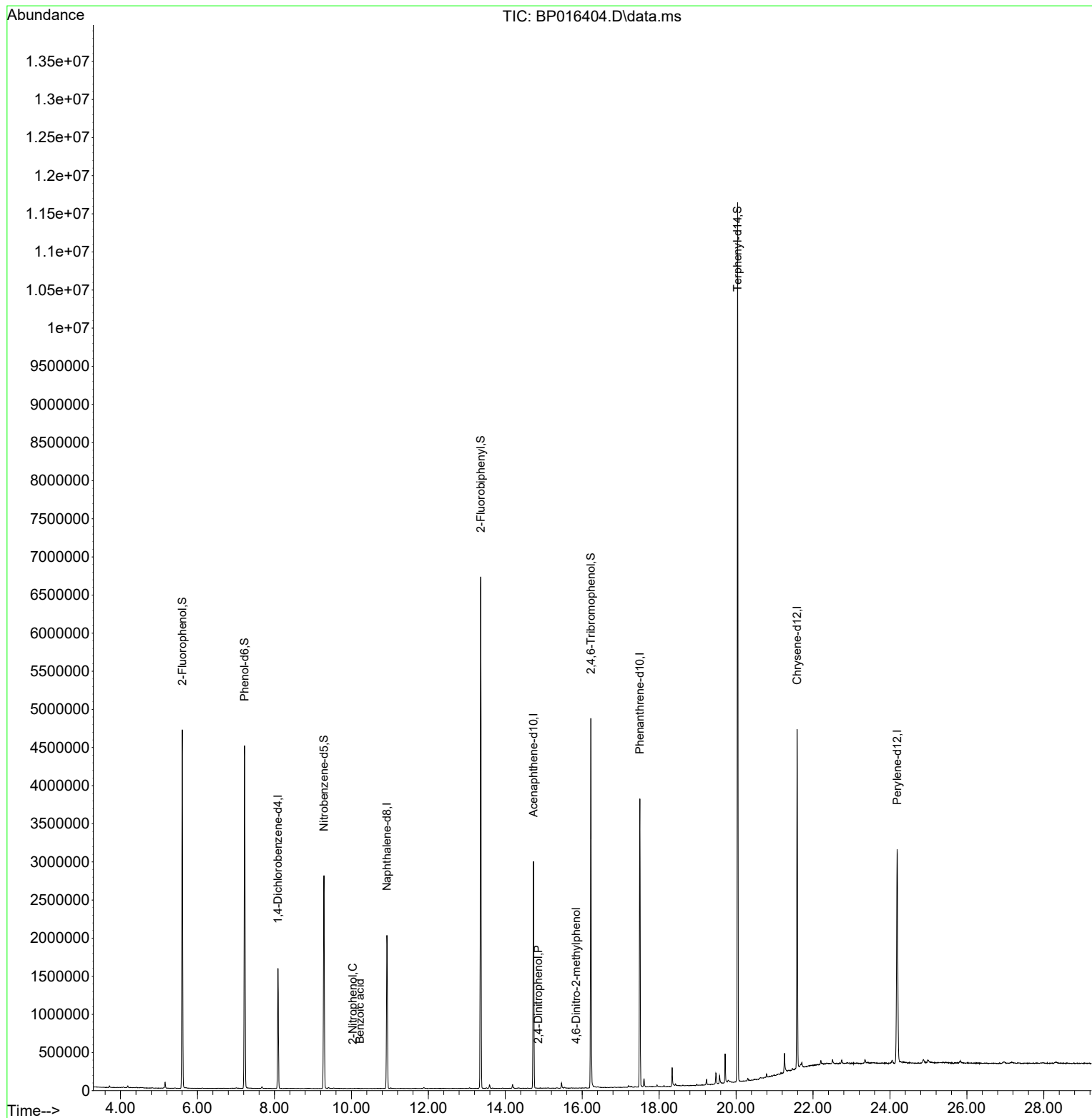
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	413350	20.000	ng	0.00
21) Naphthalene-d8	10.922	136	1657422	20.000	ng	0.00
39) Acenaphthene-d10	14.734	164	973704	20.000	ng	0.00
64) Phenanthrene-d10	17.498	188	2148933	20.000	ng	0.00
76) Chrysene-d12	21.586	240	2009853	20.000	ng	# 0.00
86) Perylene-d12	24.186	264	2261175	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.605	112	2099180	82.851	ng	0.00
7) Phenol-d6	7.222	99	2700034	77.746	ng	0.00
23) Nitrobenzene-d5	9.287	82	1557231	52.595	ng	0.00
42) 2,4,6-Tribromophenol	16.228	330	899473	62.792	ng	0.00
45) 2-Fluorobiphenyl	13.363	172	3413293	50.257	ng	0.00
79) Terphenyl-d14	20.039	244	5154906	54.180	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.228	77	5459	Below Cal	#	5
26) 2-Nitrophenol	10.034	139	45	3.129 ng	#	1
32) Benzoic acid	10.222	122	82	6.290 ng	#	1
54) 2,4-Dinitrophenol	14.857	184	34	8.006 ng	#	11
65) 4,6-Dinitro-2-methylph...	15.840	198	14	6.303 ng	#	1

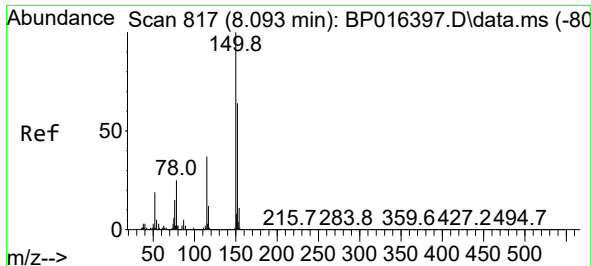
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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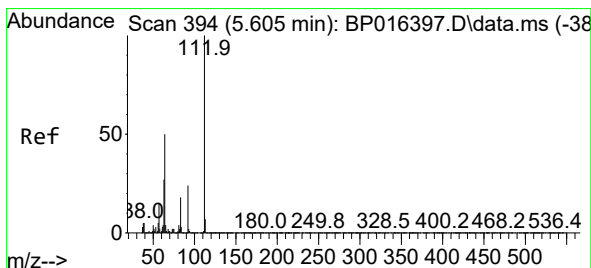
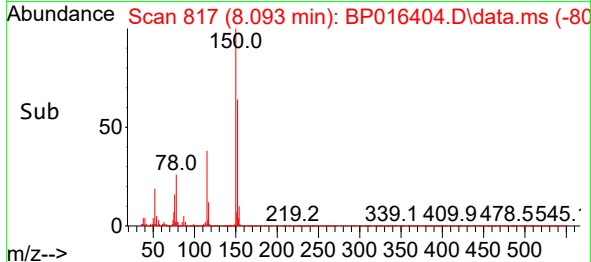
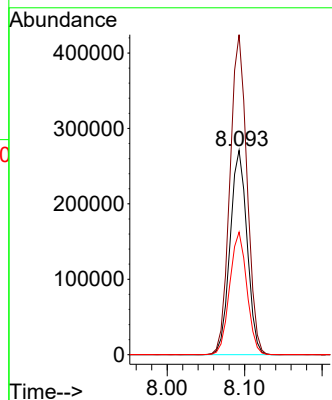
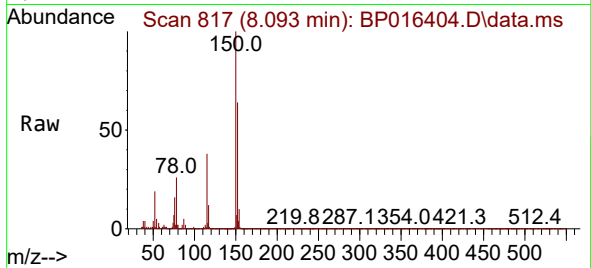




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.093 min Scan# 817
Delta R.T. -0.000 min
Lab File: BP016404.D
Acq: 27 Jul 2023 17:21

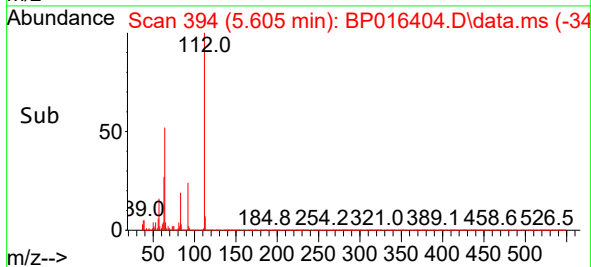
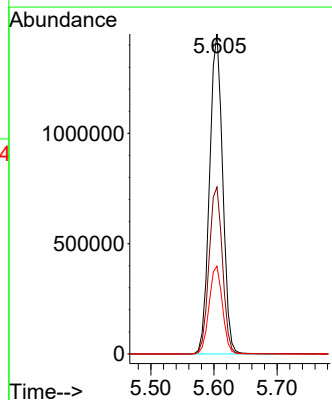
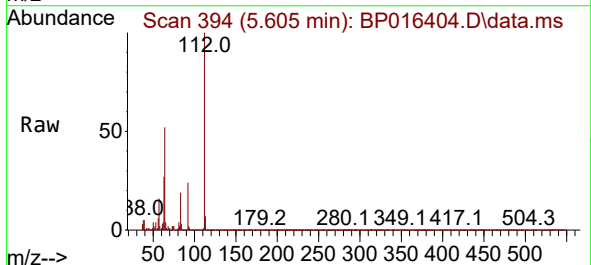
Instrument :
BNA_P
ClientSampleId :
B-P21B

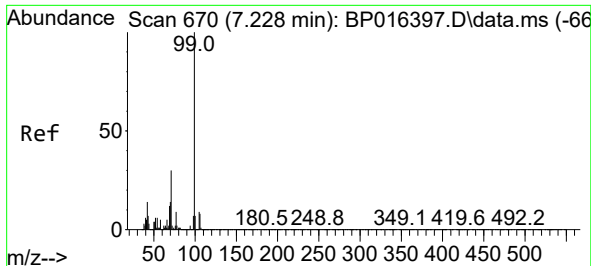
Tgt Ion:152 Resp: 413350
Ion Ratio Lower Upper
152 100
150 156.6 124.9 187.3
115 60.0 46.8 70.2



#5
2-Fluorophenol
Concen: 82.851 ng
RT: 5.605 min Scan# 394
Delta R.T. 0.000 min
Lab File: BP016404.D
Acq: 27 Jul 2023 17:21

Tgt Ion:112 Resp: 2099180
Ion Ratio Lower Upper
112 100
64 52.1 40.0 60.0
63 27.5 21.2 31.8

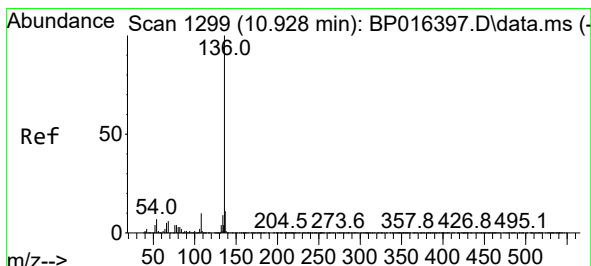
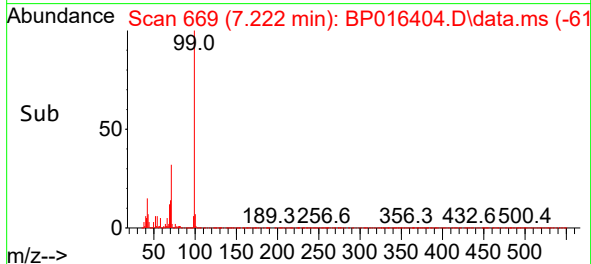
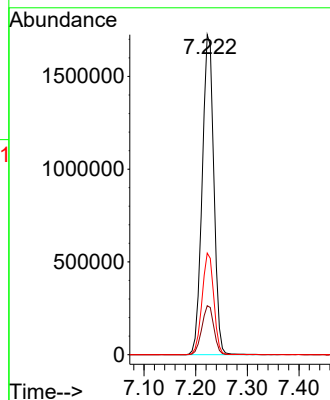
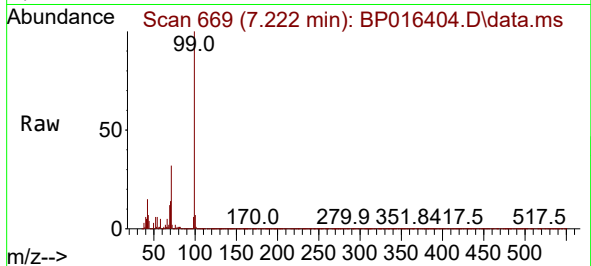




#7
Phenol-d6
Concen: 77.746 ng
RT: 7.222 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP016404.D
Acq: 27 Jul 2023 17:21

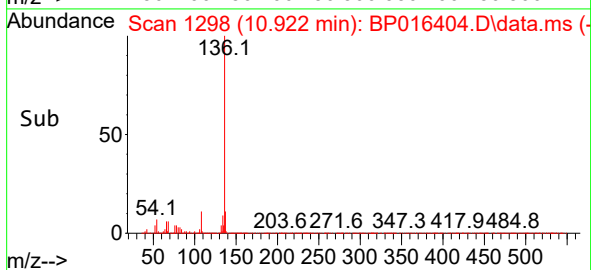
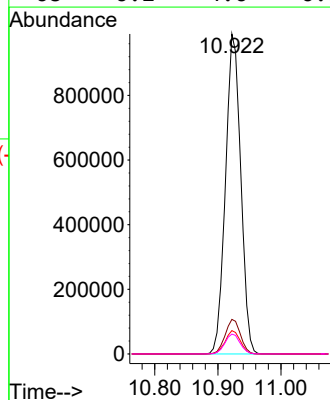
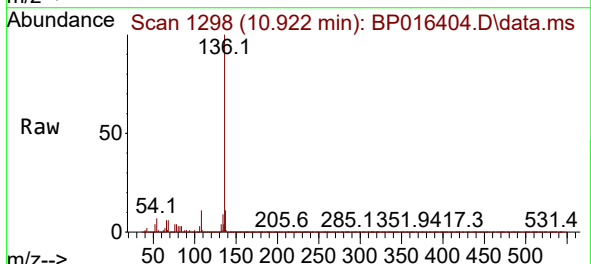
Instrument :
BNA_P
ClientSampleId :
B-P21B

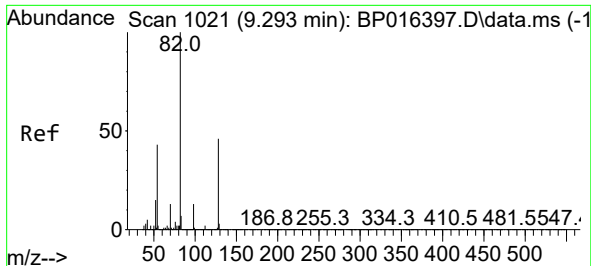
Tgt Ion: 99 Resp: 2700034
Ion Ratio Lower Upper
99 100
42 15.3 11.6 17.4
71 31.8 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.922 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BP016404.D
Acq: 27 Jul 2023 17:21

Tgt Ion:136 Resp: 1657422
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 7.3 5.6 8.4
68 6.2 4.6 6.8

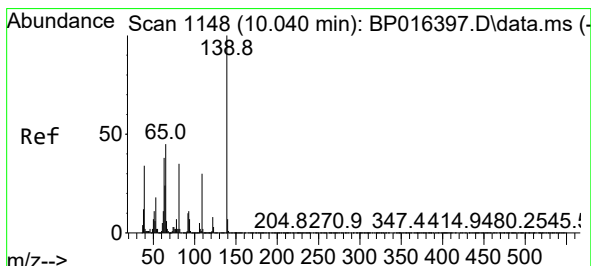
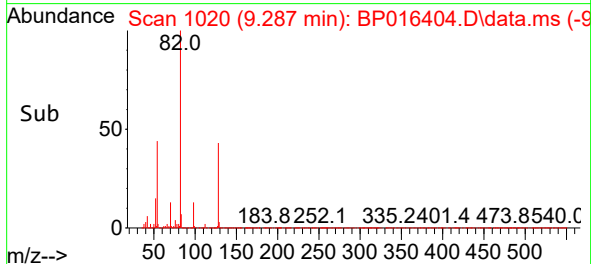
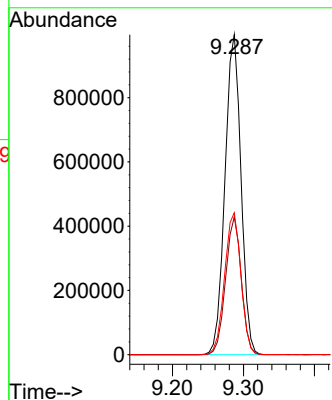
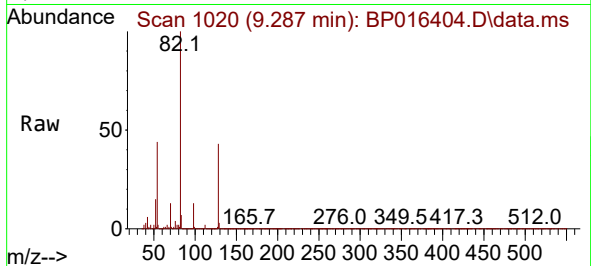




#23
Nitrobenzene-d5
Concen: 52.595 ng
RT: 9.287 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BP016404.D
Acq: 27 Jul 2023 17:21

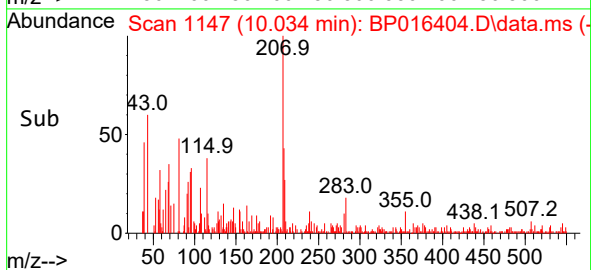
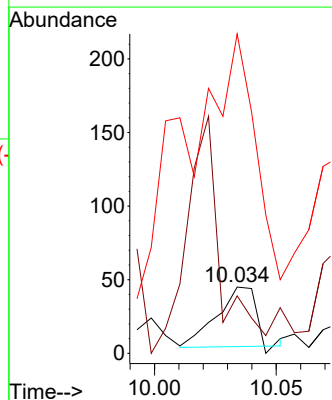
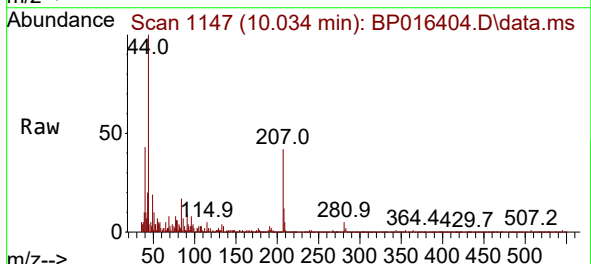
Instrument :
BNA_P
ClientSampleId :
B-P21B

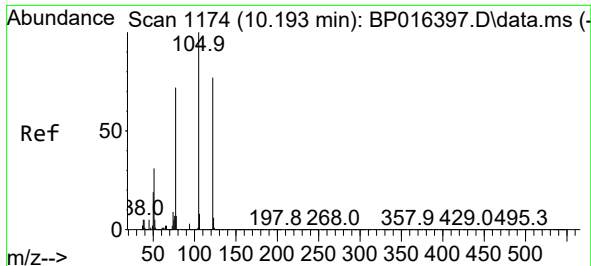
Tgt Ion: 82 Resp: 1557231
Ion Ratio Lower Upper
82 100
128 43.1 36.6 55.0
54 44.3 34.5 51.7



#26
2-Nitrophenol
Concen: 3.129 ng
RT: 10.034 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BP016404.D
Acq: 27 Jul 2023 17:21

Tgt Ion:139 Resp: 45
Ion Ratio Lower Upper
139 100
109 86.7 24.2 36.4#
65 482.2 35.8 53.6#

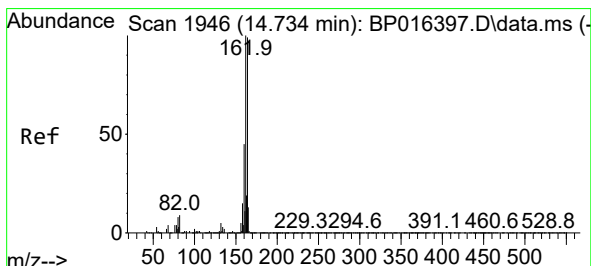
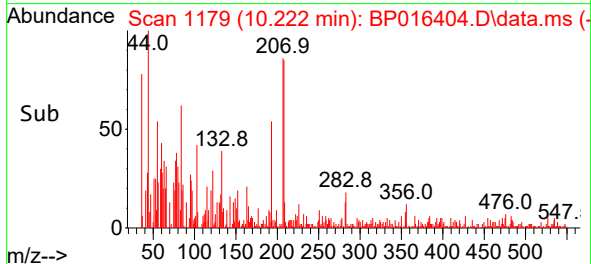
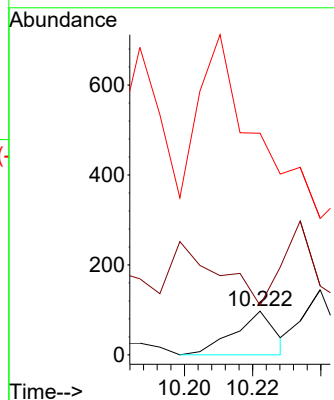
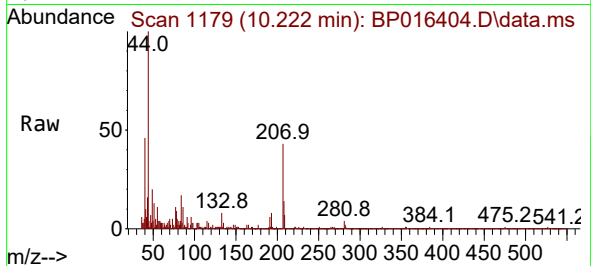




#32
Benzoic acid
Concen: 6.290 ng
RT: 10.222 min Scan# 1174
Delta R.T. 0.029 min
Lab File: BP016404.D
Acq: 27 Jul 2023 17:21

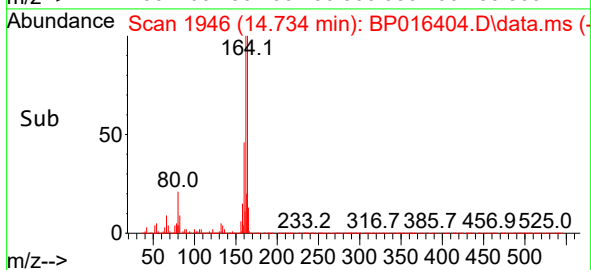
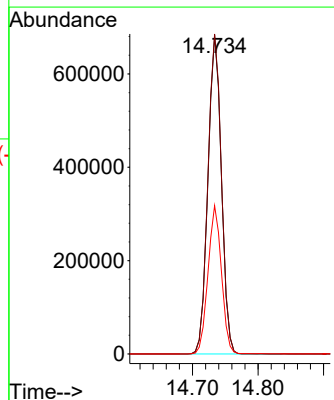
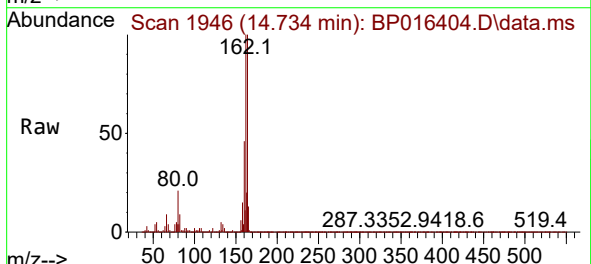
Instrument :
BNA_P
ClientSampleId :
B-P21B

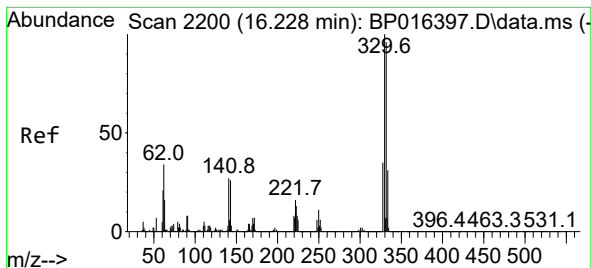
Tgt Ion:122 Resp: 82
Ion Ratio Lower Upper
122 100
105 113.4 105.2 145.2
77 508.2 72.2 112.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.734 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BP016404.D
Acq: 27 Jul 2023 17:21

Tgt Ion:164 Resp: 973704
Ion Ratio Lower Upper
164 100
162 100.4 81.0 121.6
160 46.6 36.6 55.0





#42

2,4,6-Tribromophenol

Concen: 62.792 ng

RT: 16.228 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP016404.D

Acq: 27 Jul 2023 17:21

Instrument :

BNA_P

ClientSampleId :

B-P21B

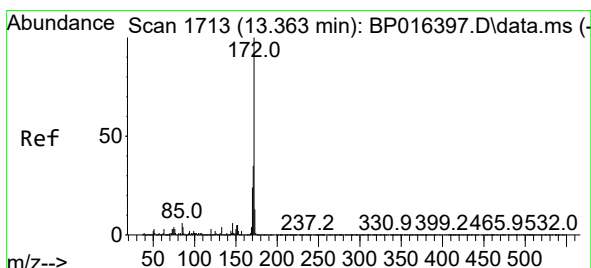
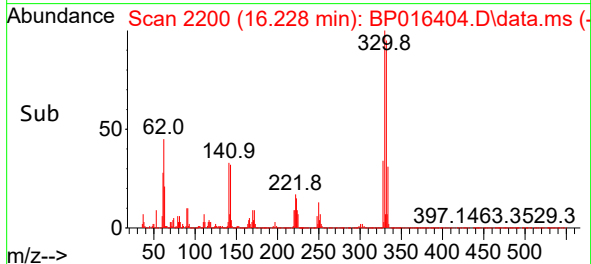
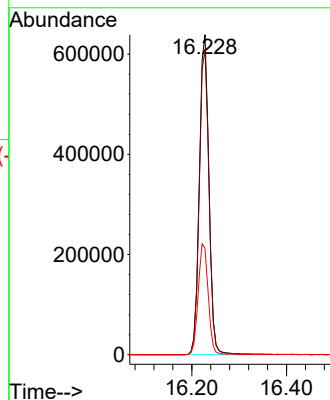
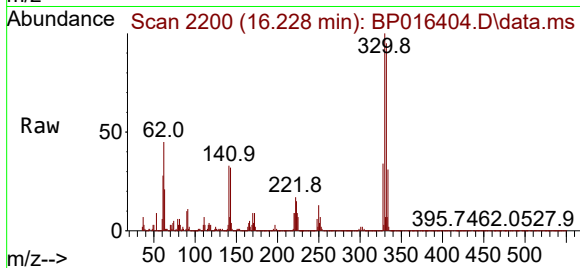
Tgt Ion:330 Resp: 899473

Ion Ratio Lower Upper

330 100

332 96.6 77.8 116.8

141 36.1 22.6 34.0#



#45

2-Fluorobiphenyl

Concen: 50.257 ng

RT: 13.363 min Scan# 1713

Delta R.T. 0.000 min

Lab File: BP016404.D

Acq: 27 Jul 2023 17:21

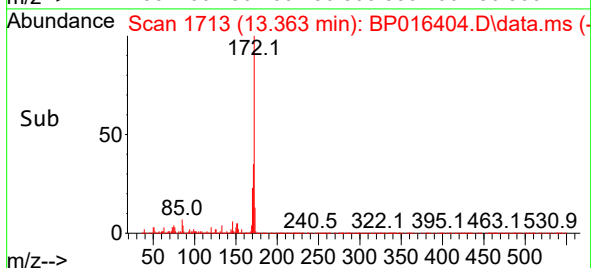
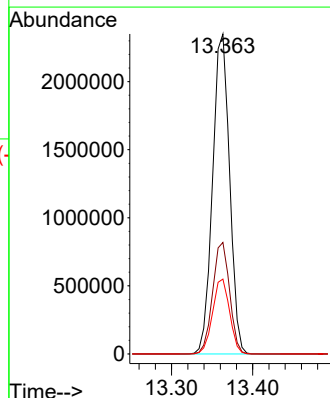
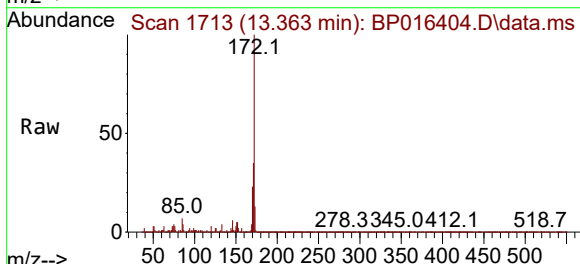
Tgt Ion:172 Resp: 3413293

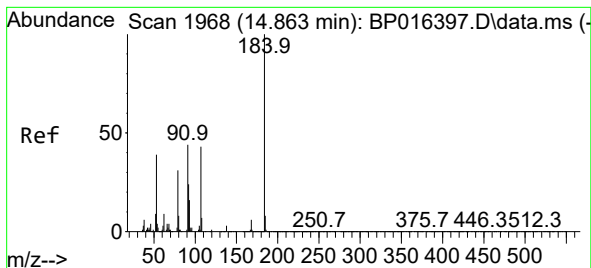
Ion Ratio Lower Upper

172 100

171 34.9 28.2 42.2

170 23.4 19.1 28.7

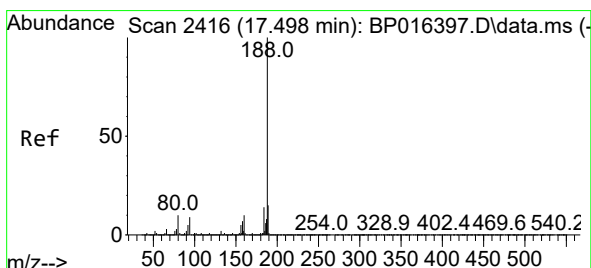
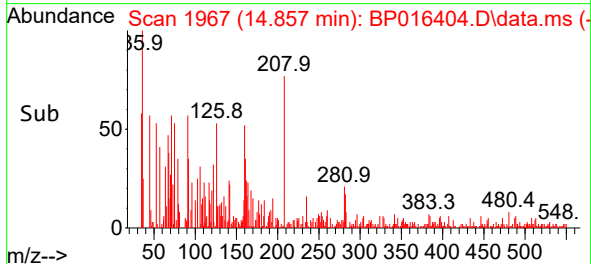
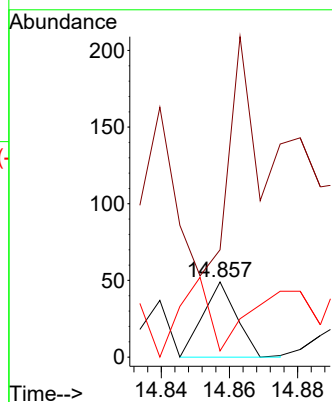
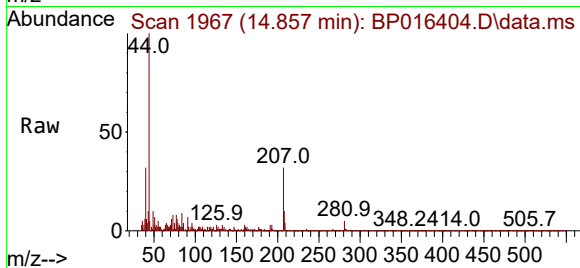




#54
2,4-Dinitrophenol
Concen: 8.006 ng
RT: 14.857 min Scan# 1967
Delta R.T. -0.006 min
Lab File: BP016404.D
Acq: 27 Jul 2023 17:21

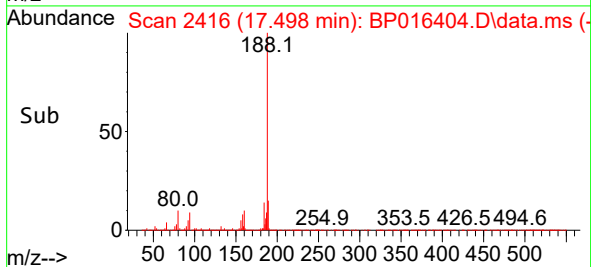
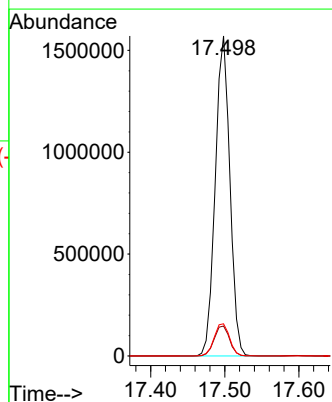
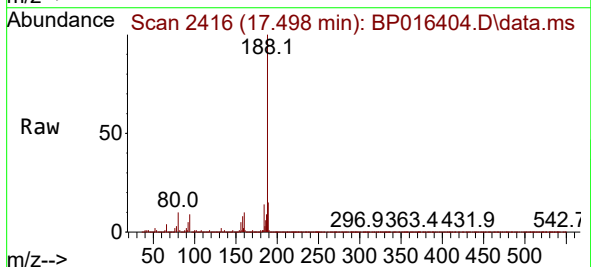
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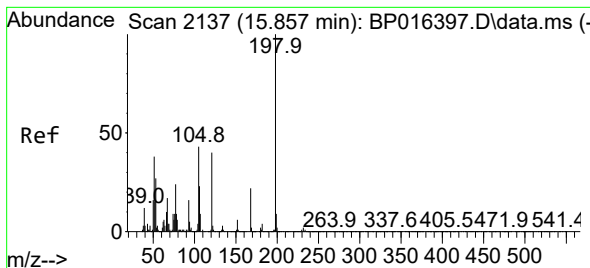
Tgt Ion:184 Resp: 34
Ion Ratio Lower Upper
184 100
63 142.9 48.2 72.4#
154 8.2 49.6 74.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.498 min Scan# 2416
Delta R.T. 0.000 min
Lab File: BP016404.D
Acq: 27 Jul 2023 17:21

Tgt Ion:188 Resp: 2148933
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.0
80 10.1 7.8 11.8

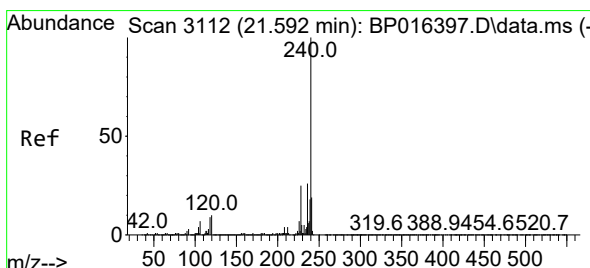
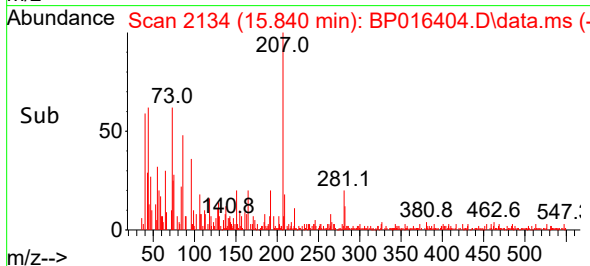
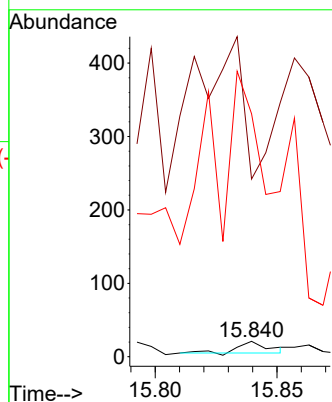
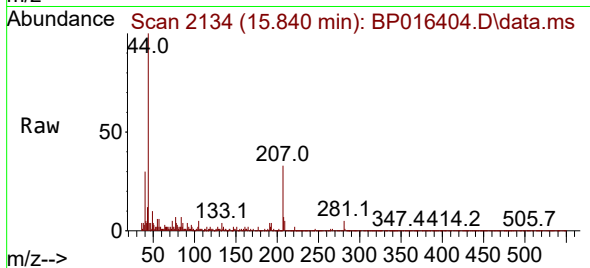




#65
4,6-Dinitro-2-methylphenol
Concen: 6.303 ng
RT: 15.840 min Scan# 2134
Delta R.T. -0.017 min
Lab File: BP016404.D
Acq: 27 Jul 2023 17:21

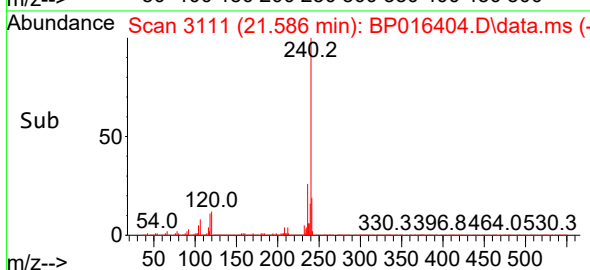
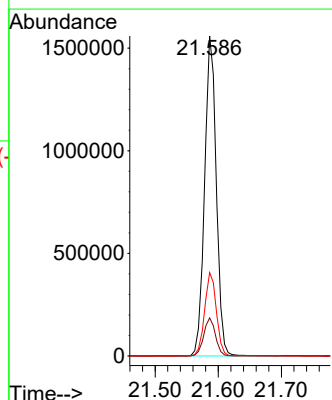
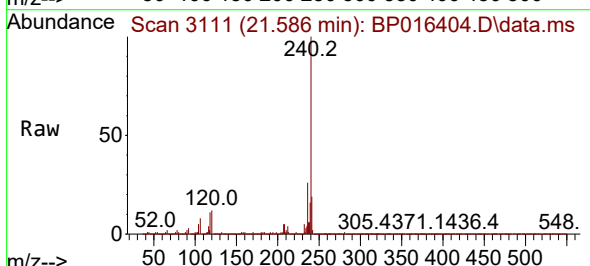
Instrument :
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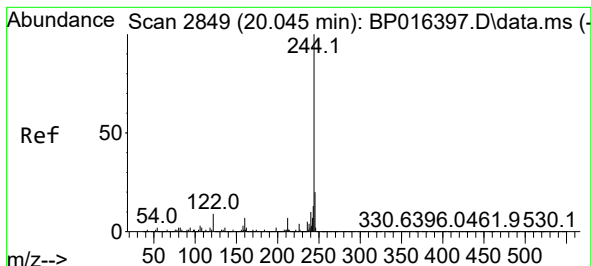
Tgt Ion:198 Resp: 14
Ion Ratio Lower Upper
198 100
51 1152.4 20.1 60.1#
105 1576.2 23.1 63.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.586 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BP016404.D
Acq: 27 Jul 2023 17:21

Tgt Ion:240 Resp: 2009853
Ion Ratio Lower Upper
240 100
120 11.9 7.9 11.9#
236 26.1 21.1 31.7





#79

Terphenyl-d14

Concen: 54.180 ng

RT: 20.039 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP016404.D

Acq: 27 Jul 2023 17:21

Instrument :

BNA_P

ClientSampleId :

B-P21B

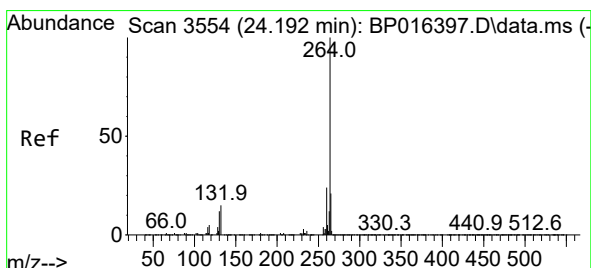
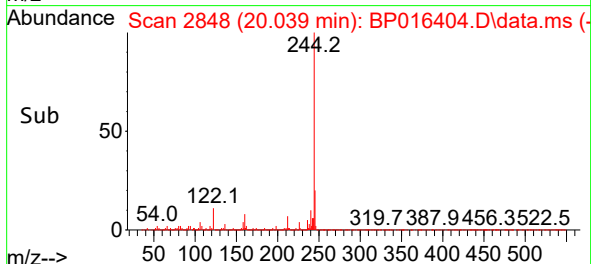
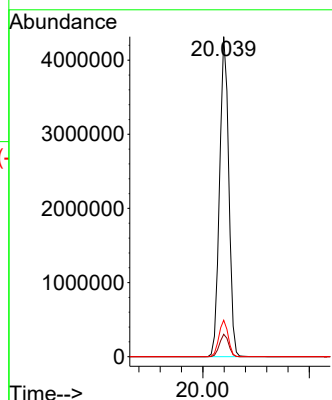
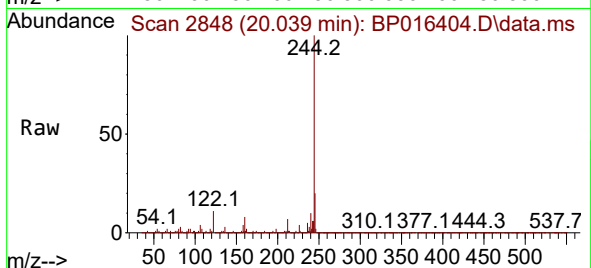
Tgt Ion:244 Resp: 5154906

Ion Ratio Lower Upper

244 100

212 7.0 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: BP016404.D

Acq: 27 Jul 2023 17:21

Tgt Ion:264 Resp: 2261175

Ion Ratio Lower Upper

264 100

260 24.2 19.3 28.9

265 21.9 17.4 26.0

