

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072823\
 Data File : BP016412.D
 Acq On : 28 Jul 2023 08:37
 Operator : MA/JU
 Sample : PB154218BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB154218BL

Quant Time: Jul 31 05:40:36 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)

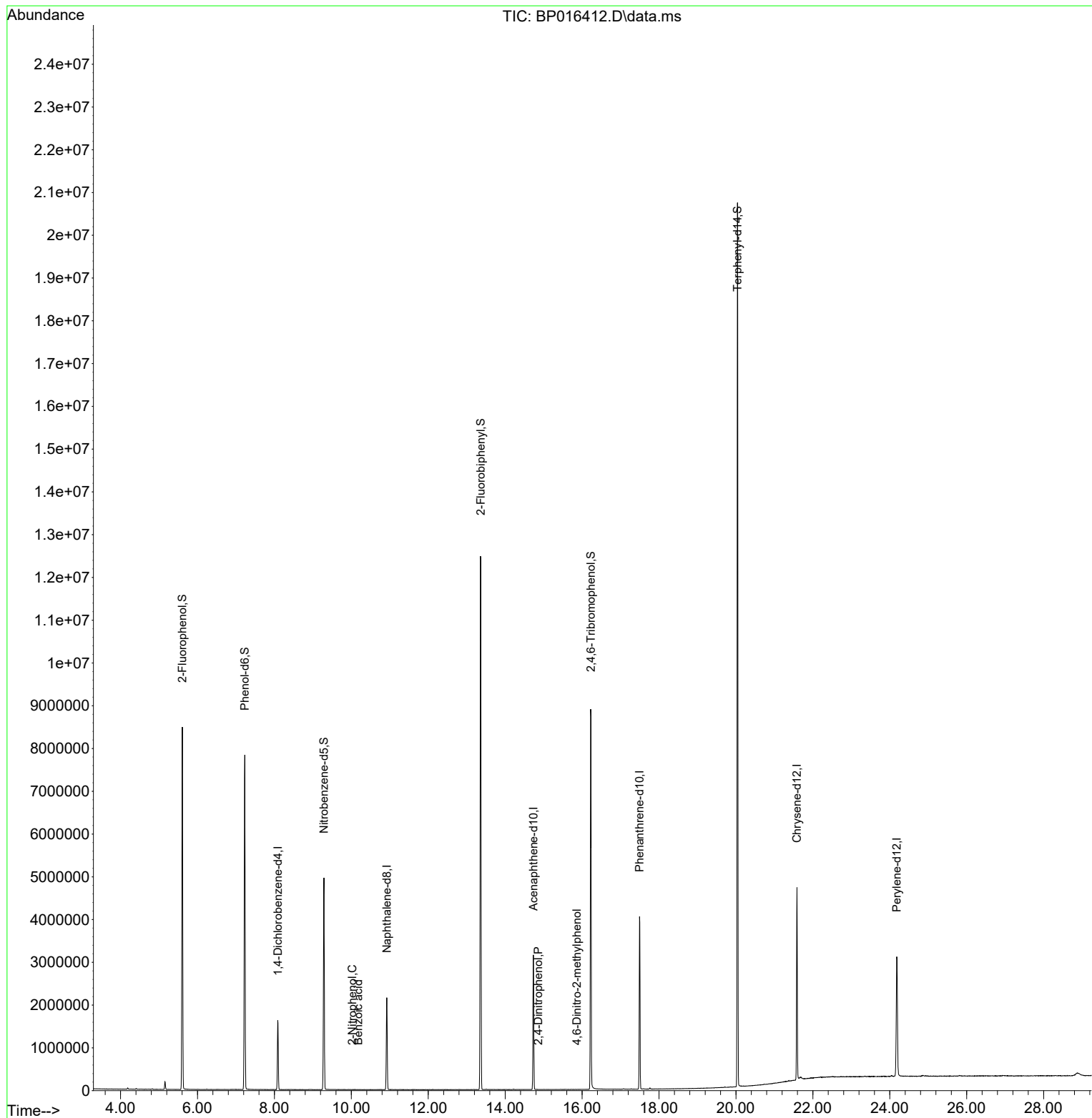
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	431547	20.000	ng	0.00
21) Naphthalene-d8	10.922	136	1746469	20.000	ng	0.00
39) Acenaphthene-d10	14.734	164	1045573	20.000	ng	0.00
64) Phenanthrene-d10	17.492	188	2341398	20.000	ng	0.00
76) Chrysene-d12	21.586	240	2050873	20.000	ng	0.00
86) Perylene-d12	24.180	264	2195263	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.605	112	3795497	143.484	ng	0.00
7) Phenol-d6	7.228	99	4901897	135.197	ng	0.00
23) Nitrobenzene-d5	9.287	82	2869600	91.978	ng	0.00
42) 2,4,6-Tribromophenol	16.228	330	1698053	110.393	ng	0.00
45) 2-Fluorobiphenyl	13.363	172	6525268	89.473	ng	0.00
79) Terphenyl-d14	20.039	244	9941344	102.397	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.228	77	9302	Below Cal	#	2
26) 2-Nitrophenol	10.022	139	20	3.127 ng	#	1
32) Benzoic acid	10.181	122	288	6.300 ng	#	11
54) 2,4-Dinitrophenol	14.857	184	14	8.003 ng	#	47
65) 4,6-Dinitro-2-methylph...	15.863	198	8	6.302 ng	#	1

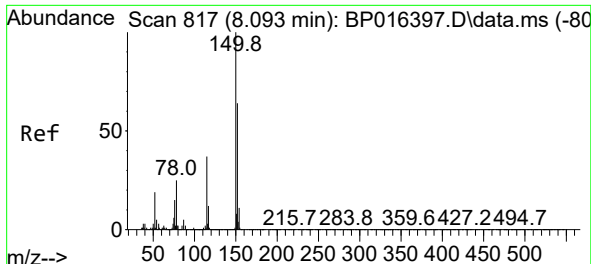
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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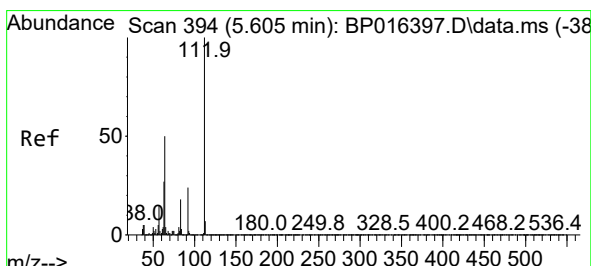
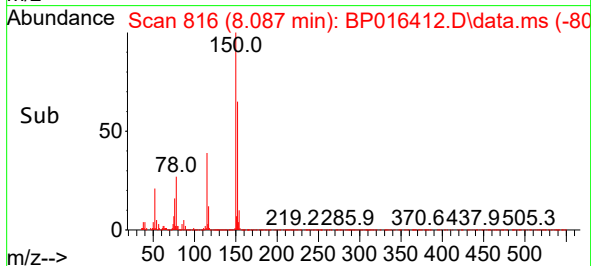
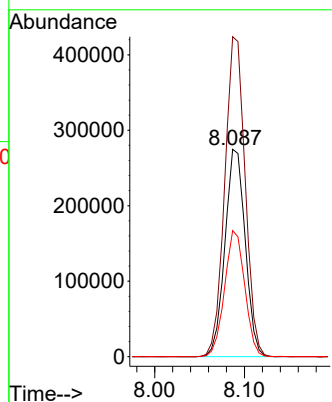
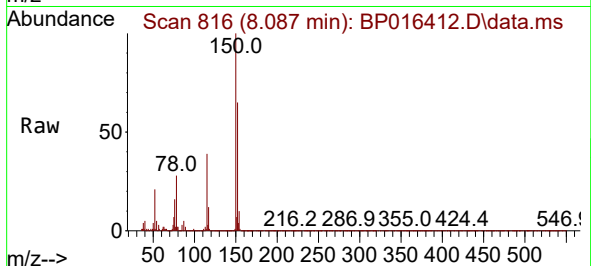




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.087 min Scan# 817
Delta R.T. -0.006 min
Lab File: BP016412.D
Acq: 28 Jul 2023 08:37

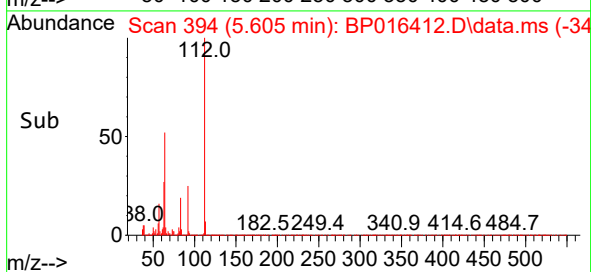
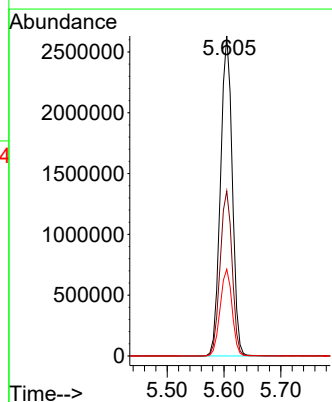
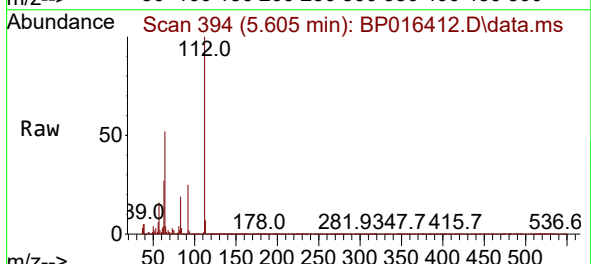
Instrument :
BNA_P
ClientSampleId :
PB154218BL

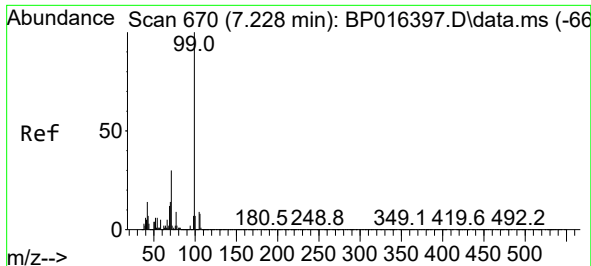
Tgt Ion:152 Resp: 431547
Ion Ratio Lower Upper
152 100
150 154.3 124.9 187.3
115 60.8 46.8 70.2



#5
2-Fluorophenol
Concen: 143.484 ng
RT: 5.605 min Scan# 394
Delta R.T. -0.000 min
Lab File: BP016412.D
Acq: 28 Jul 2023 08:37

Tgt Ion:112 Resp: 3795497
Ion Ratio Lower Upper
112 100
64 51.5 40.0 60.0
63 27.1 21.2 31.8



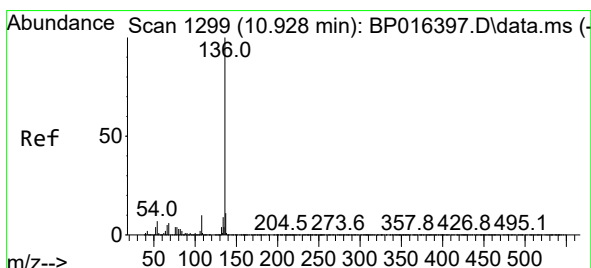
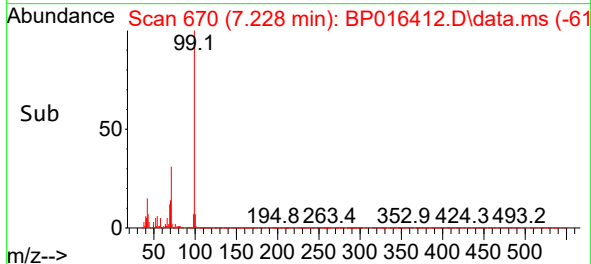
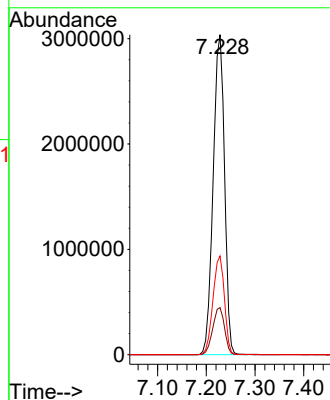
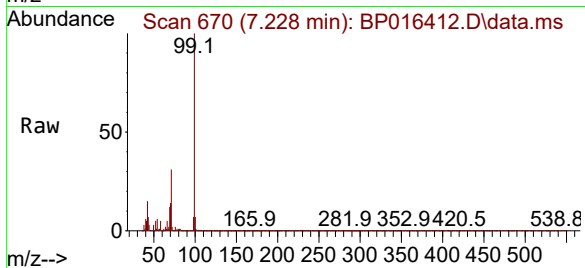


#7
Phenol-d6
Concen: 135.197 ng
RT: 7.228 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP016412.D
Acq: 28 Jul 2023 08:37

Instrument :
BNA_P
ClientSampleId :
PB154218BL

Tgt Ion: 99 Resp: 4901897

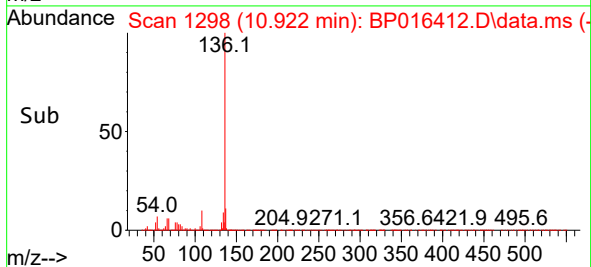
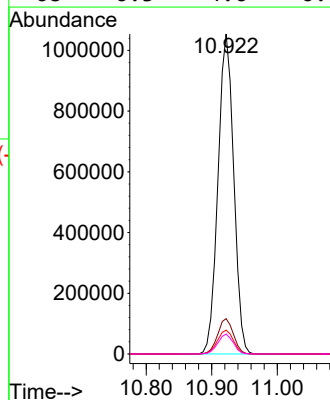
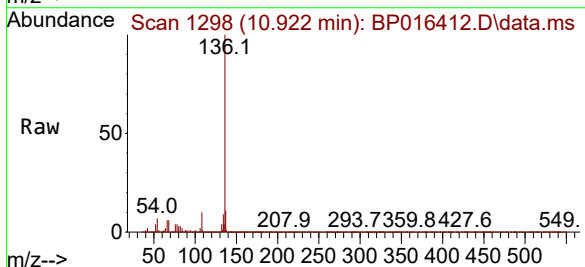
Ion	Ratio	Lower	Upper
99	100		
42	14.7	11.6	17.4
71	30.8	24.3	36.5

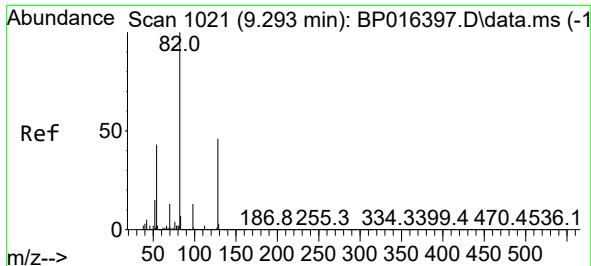


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.922 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BP016412.D
Acq: 28 Jul 2023 08:37

Tgt Ion:136 Resp: 1746469

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

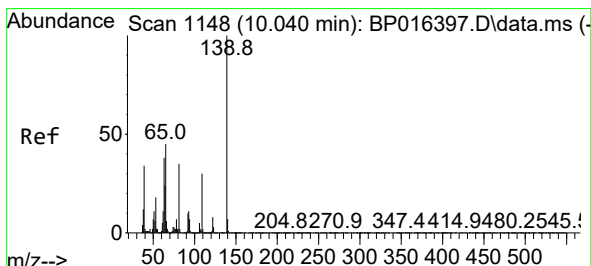
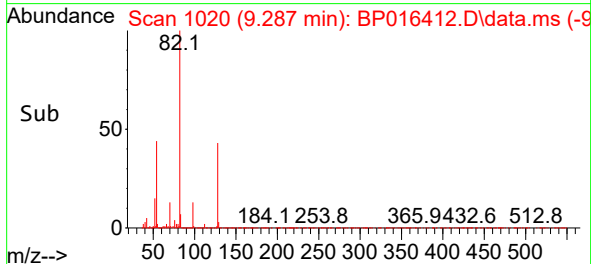
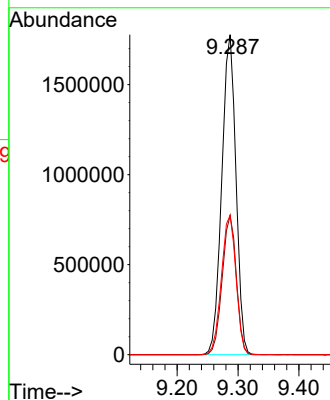
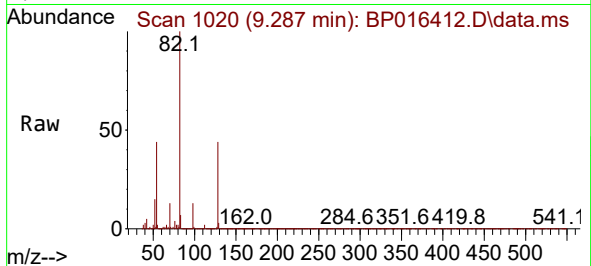




#23
Nitrobenzene-d5
Concen: 91.978 ng
RT: 9.287 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BP016412.D
Acq: 28 Jul 2023 08:37

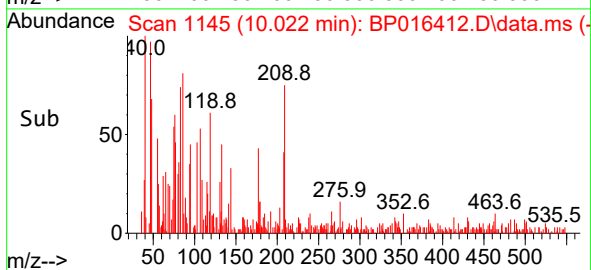
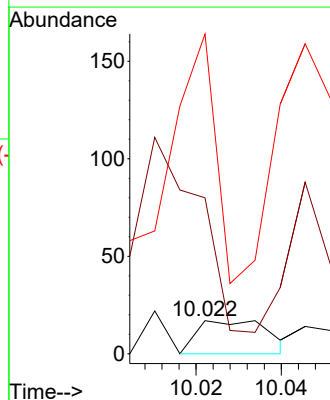
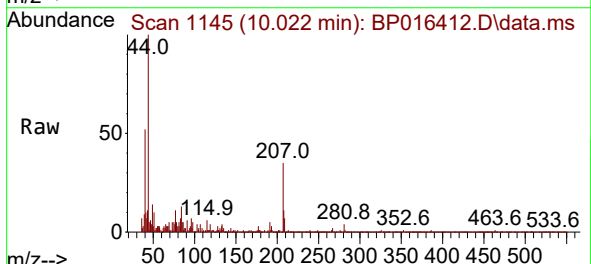
Instrument :
BNA_P
ClientSampleId :
PB154218BL

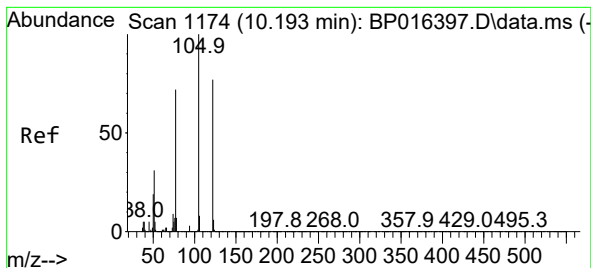
Tgt Ion: 82 Resp: 2869600
Ion Ratio Lower Upper
82 100
128 43.5 36.6 55.0
54 43.6 34.5 51.7



#26
2-Nitrophenol
Concen: 3.127 ng
RT: 10.022 min Scan# 1145
Delta R.T. -0.018 min
Lab File: BP016412.D
Acq: 28 Jul 2023 08:37

Tgt Ion:139 Resp: 20
Ion Ratio Lower Upper
139 100
109 488.2 24.2 36.4#
65 964.7 35.8 53.6#





#32

Benzoic acid

Concen: 6.300 ng

RT: 10.181 min Scan# 1172

Delta R.T. -0.012 min

Lab File: BP016412.D

Acq: 28 Jul 2023 08:37

Instrument :

BNA_P

ClientSampleId :

PB154218BL

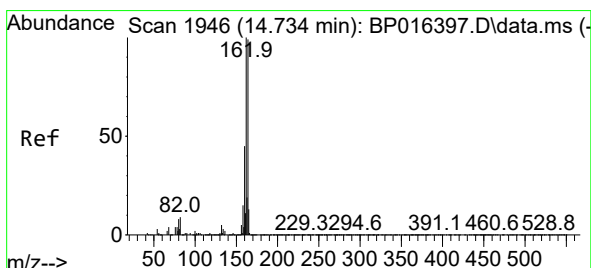
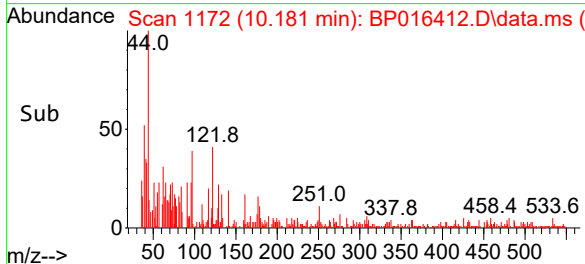
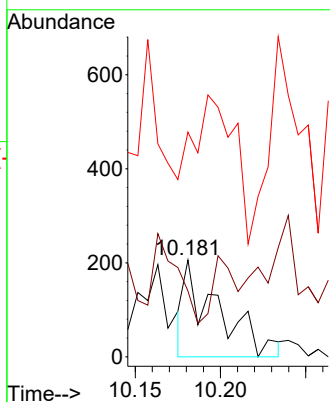
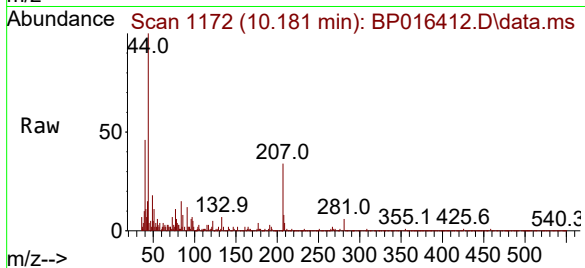
Tgt Ion:122 Resp: 288

Ion Ratio Lower Upper

122 100

105 65.7 105.2 145.2#

77 224.4 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: BP016412.D

Acq: 28 Jul 2023 08:37

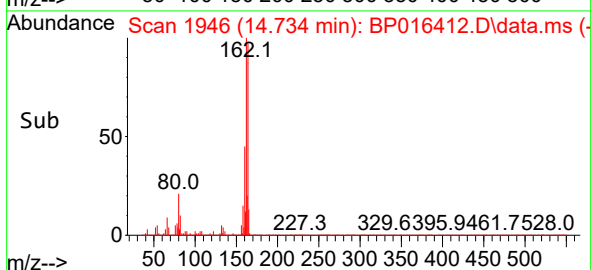
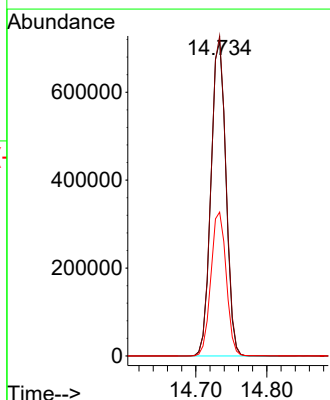
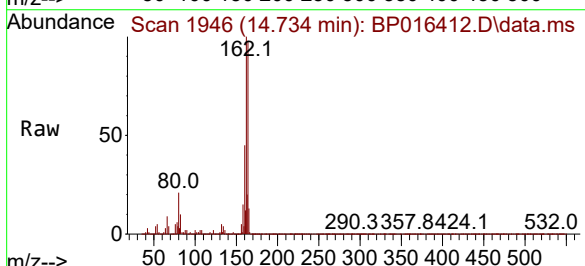
Tgt Ion:164 Resp: 1045573

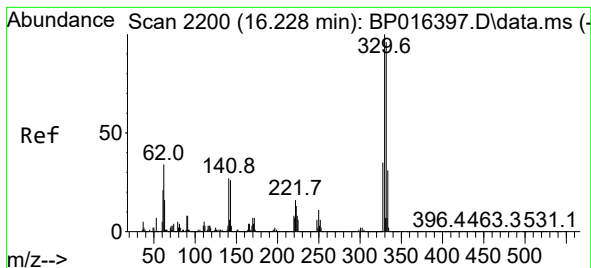
Ion Ratio Lower Upper

164 100

162 101.8 81.0 121.6

160 45.8 36.6 55.0





#42

2,4,6-Tribromophenol

Concen: 110.393 ng

RT: 16.228 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP016412.D

Acq: 28 Jul 2023 08:37

Instrument :

BNA_P

ClientSampleId :

PB154218BL

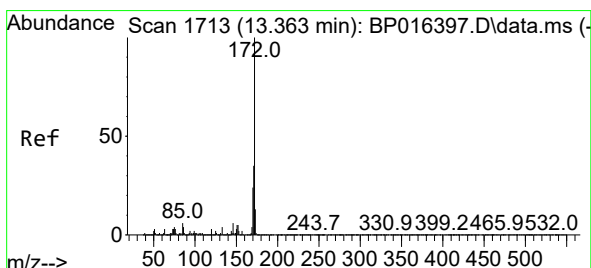
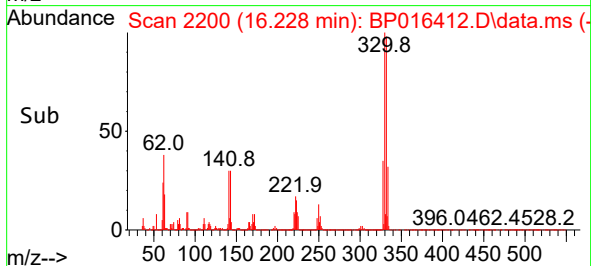
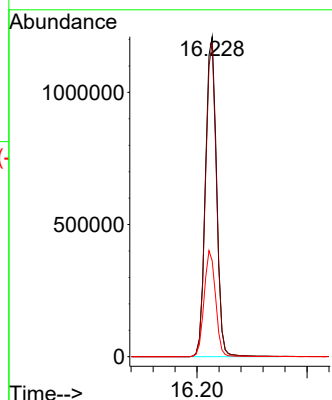
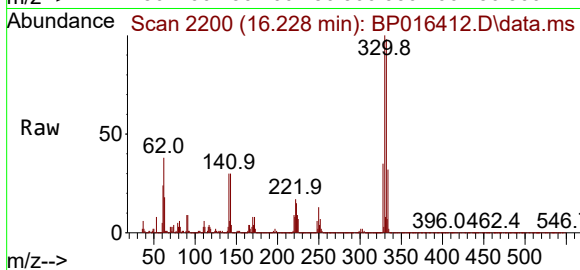
Tgt Ion:330 Resp: 1698053

Ion Ratio Lower Upper

330 100

332 97.1 77.8 116.8

141 34.3 22.6 34.0#



#45

2-Fluorobiphenyl

Concen: 89.473 ng

RT: 13.363 min Scan# 1713

Delta R.T. -0.000 min

Lab File: BP016412.D

Acq: 28 Jul 2023 08:37

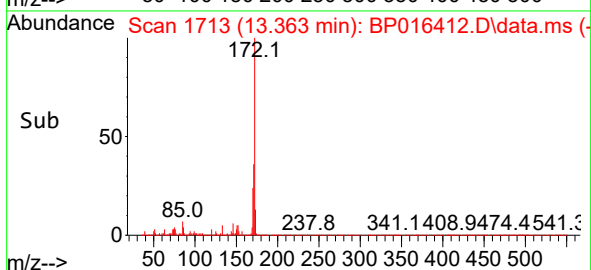
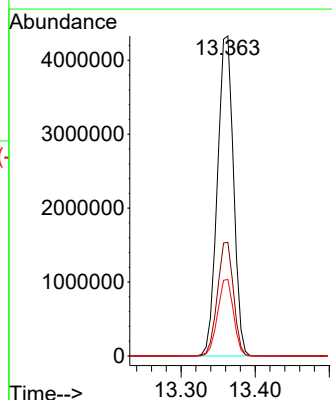
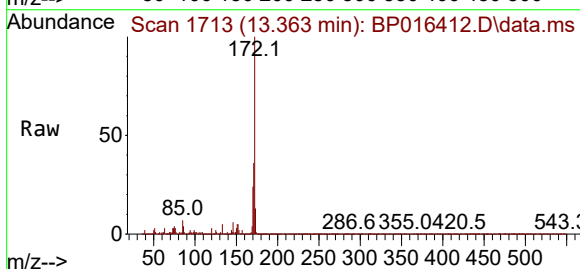
Tgt Ion:172 Resp: 6525268

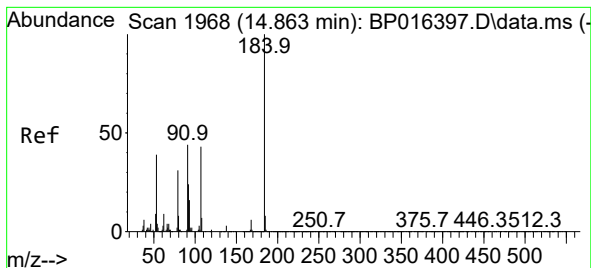
Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.2

170 23.9 19.1 28.7





#54

2,4-Dinitrophenol

Concen: 8.003 ng

RT: 14.857 min Scan# 1967

Delta R.T. -0.006 min

Lab File: BP016412.D

Acq: 28 Jul 2023 08:37

Instrument :

BNA_P

ClientSampleId :

PB154218BL

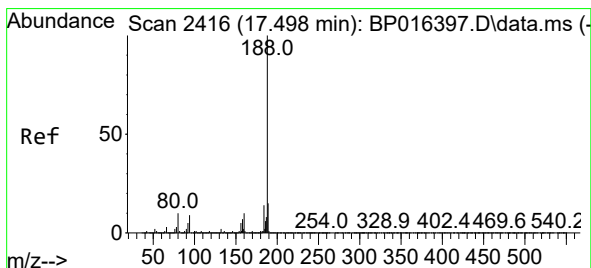
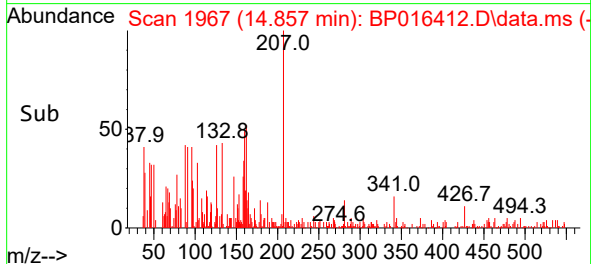
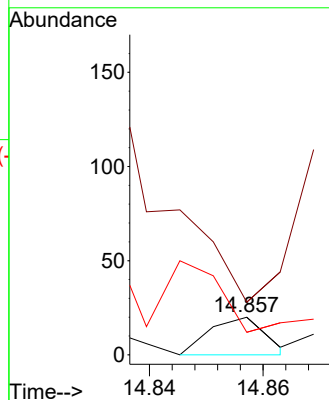
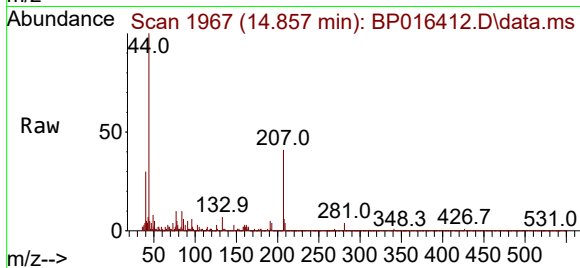
Tgt Ion:184 Resp: 14

Ion Ratio Lower Upper

184 100

63 140.0 48.2 72.4#

154 60.0 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: BP016412.D

Acq: 28 Jul 2023 08:37

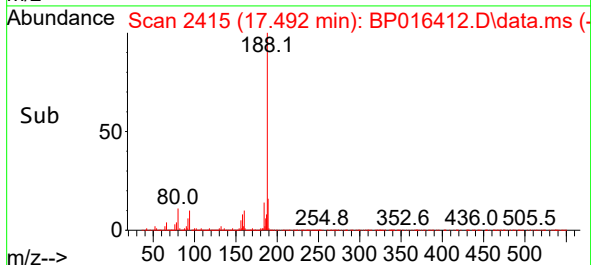
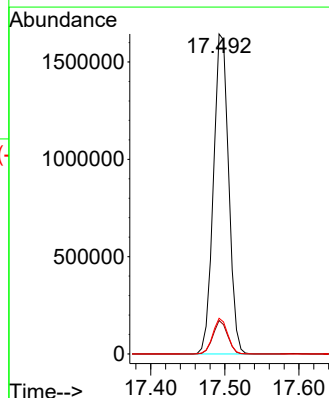
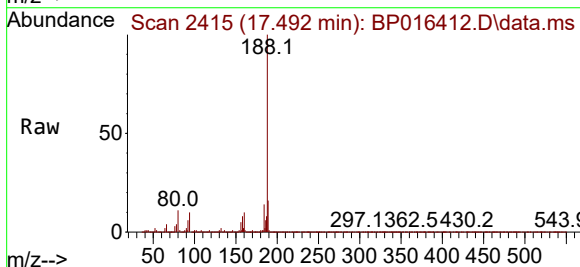
Tgt Ion:188 Resp: 2341398

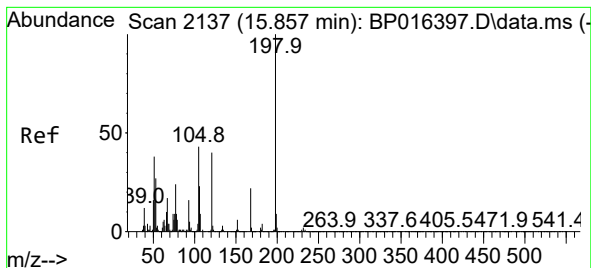
Ion Ratio Lower Upper

188 100

94 10.4 7.4 11.0

80 11.1 7.8 11.8

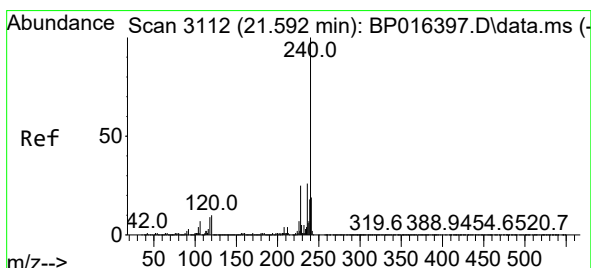
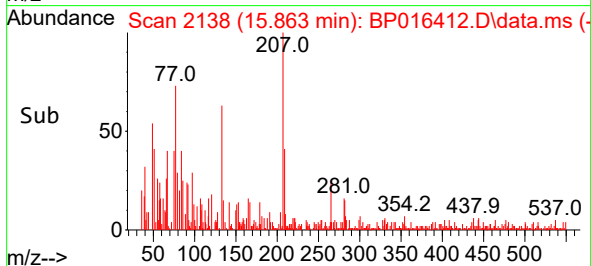
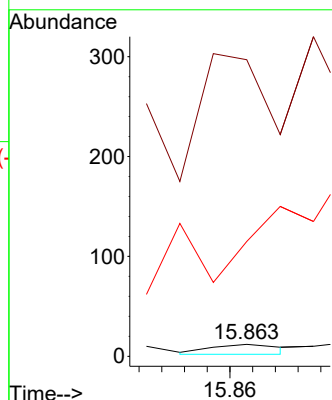
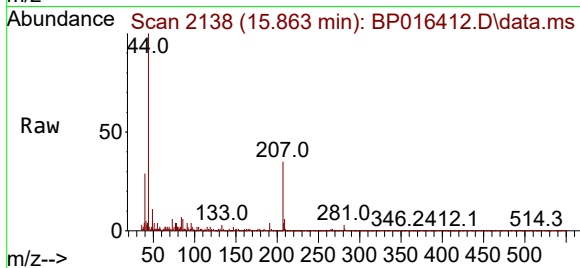




#65
4,6-Dinitro-2-methylphenol
Concen: 6.302 ng
RT: 15.863 min Scan# 2137
Delta R.T. 0.006 min
Lab File: BP016412.D
Acq: 28 Jul 2023 08:37

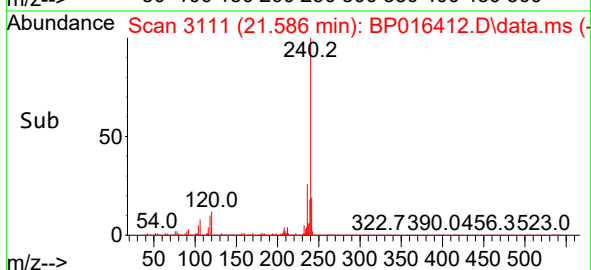
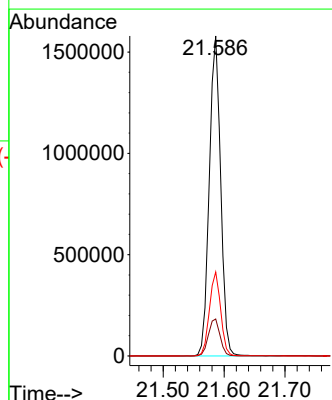
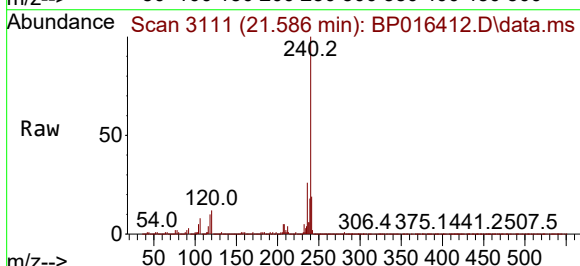
Instrument :
BNA_P
ClientSampleId :
PB154218BL

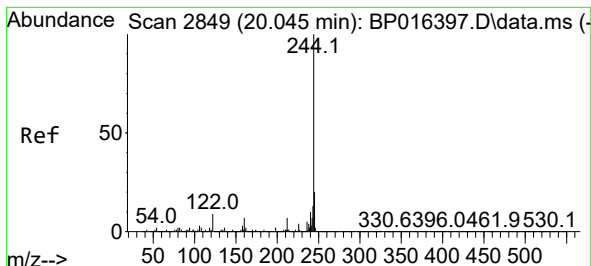
Tgt Ion:198 Resp: 8
Ion Ratio Lower Upper
198 100
51 1747.1 20.1 60.1#
105 676.5 23.1 63.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.586 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BP016412.D
Acq: 28 Jul 2023 08:37

Tgt Ion:240 Resp: 2050873
Ion Ratio Lower Upper
240 100
120 11.5 7.9 11.9
236 26.2 21.1 31.7





#79

Terphenyl-d14

Concen: 102.397 ng

RT: 20.039 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP016412.D

Acq: 28 Jul 2023 08:37

Instrument :

BNA_P

ClientSampleId :

PB154218BL

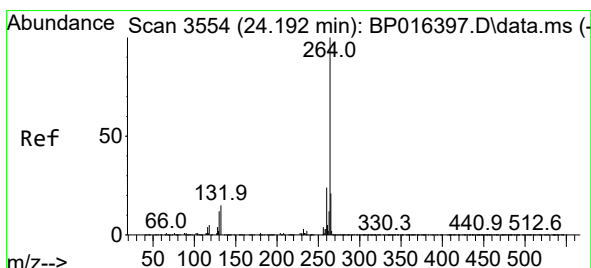
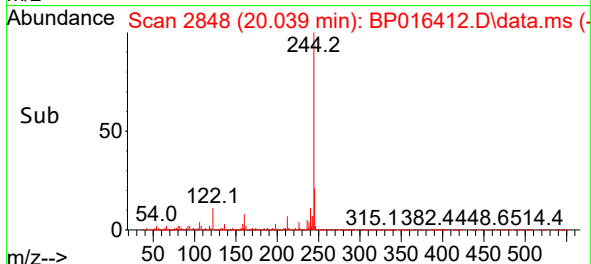
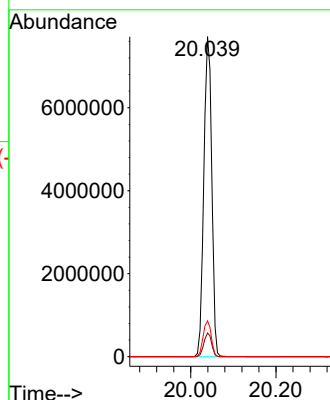
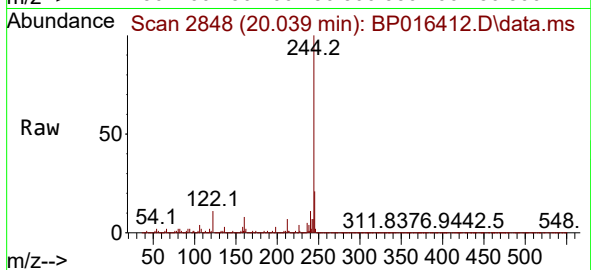
Tgt Ion:244 Resp: 9941344

Ion Ratio Lower Upper

244 100

212 7.4 5.6 8.4

122 11.2 7.4 11.2#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.180 min Scan# 3552

Delta R.T. -0.012 min

Lab File: BP016412.D

Acq: 28 Jul 2023 08:37

Tgt Ion:264 Resp: 2195263

Ion Ratio Lower Upper

264 100

260 24.1 19.3 28.9

265 21.8 17.4 26.0

