

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072823\
 Data File : BP016426.D
 Acq On : 28 Jul 2023 16:48
 Operator : MA/JU
 Sample : PB154028BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB154028BL

Quant Time: Jul 29 00:47:24 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)

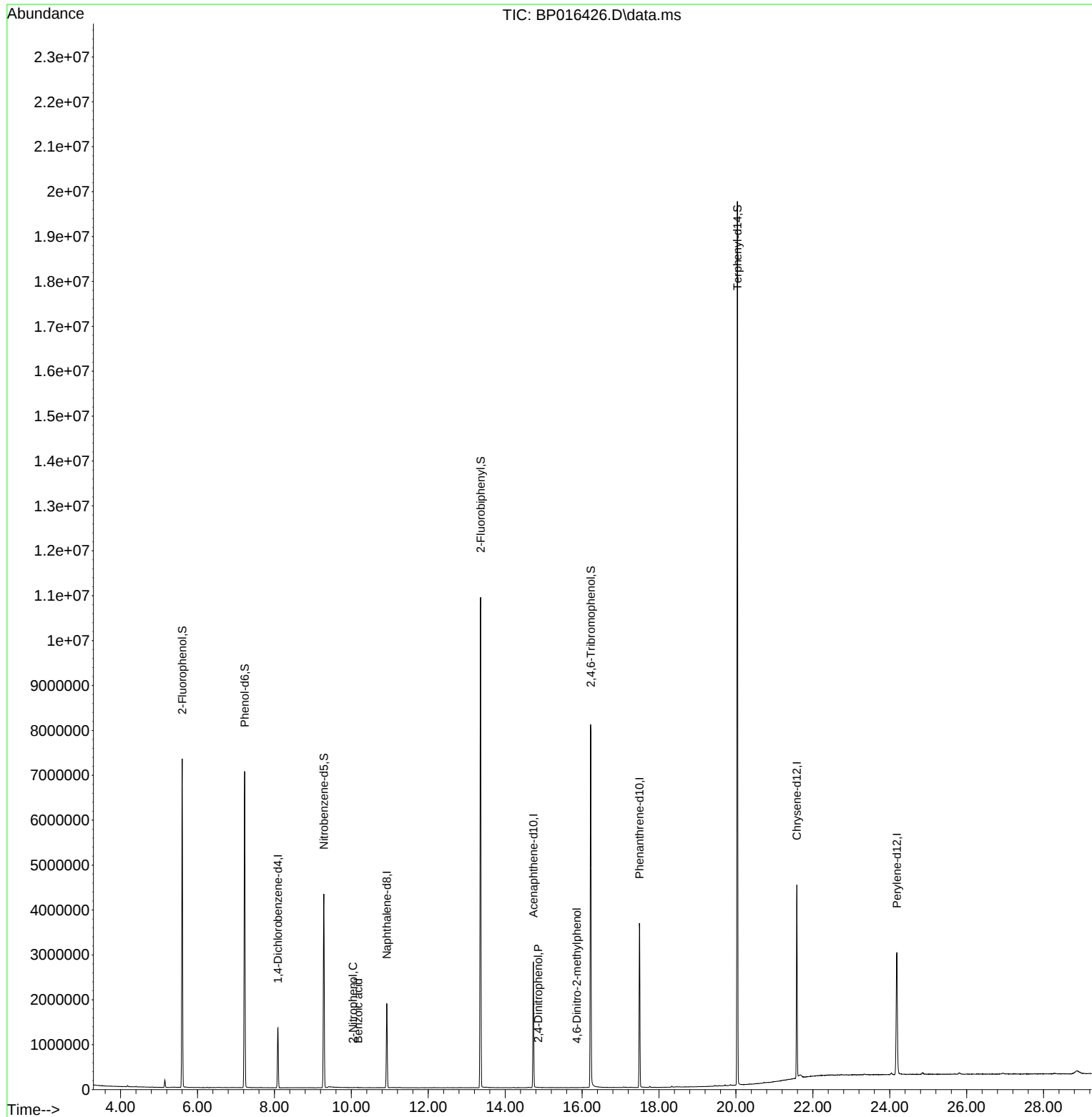
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.092	152	368154	20.000	ng	0.00
21) Naphthalene-d8	10.922	136	1504932	20.000	ng	0.00
39) Acenaphthene-d10	14.733	164	918169	20.000	ng	0.00
64) Phenanthrene-d10	17.492	188	2119769	20.000	ng	0.00
76) Chrysene-d12	21.586	240	1957214	20.000	ng	0.00
86) Perylene-d12	24.186	264	2125825	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	3313083	146.814	ng	0.00
7) Phenol-d6	7.228	99	4285245	138.540	ng	0.00
23) Nitrobenzene-d5	9.287	82	2494322	92.781	ng	0.00
42) 2,4,6-Tribromophenol	16.227	330	1552598	114.942	ng	0.00
45) 2-Fluorobiphenyl	13.363	172	5703896	89.063	ng	0.00
79) Terphenyl-d14	20.039	244	9381861	101.258	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.228	77	8224	Below Cal	#	4
26) 2-Nitrophenol	10.045	139	125	3.135 ng	#	1
32) Benzoic acid	10.181	122	271	6.301 ng	#	1
54) 2,4-Dinitrophenol	14.863	184	85	8.013 ng	#	20
65) 4,6-Dinitro-2-methylph...	15.863	198	15	6.303 ng	#	1

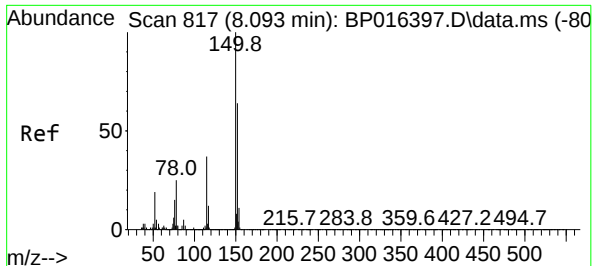
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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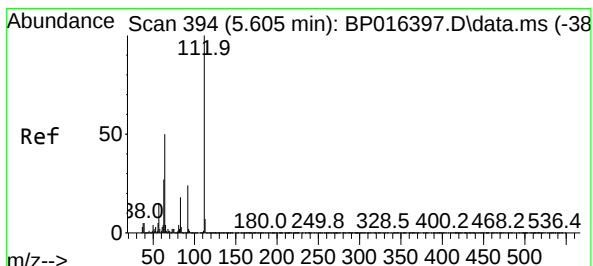
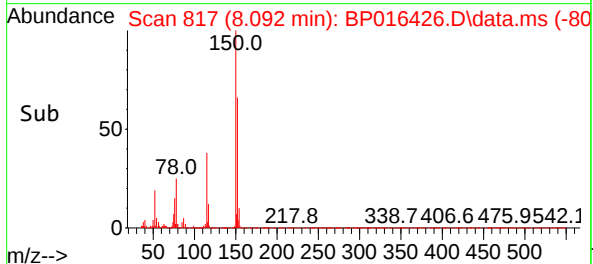
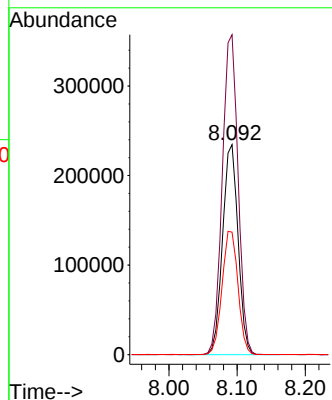
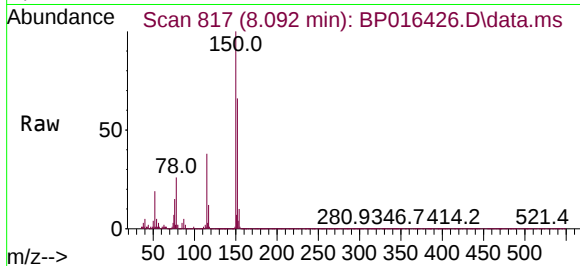




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.092 min Scan# 817
Delta R.T. -0.001 min
Lab File: BP016426.D
Acq: 28 Jul 2023 16:48

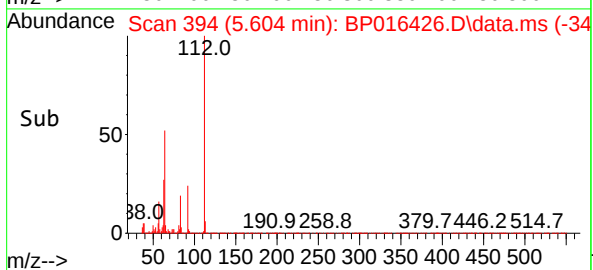
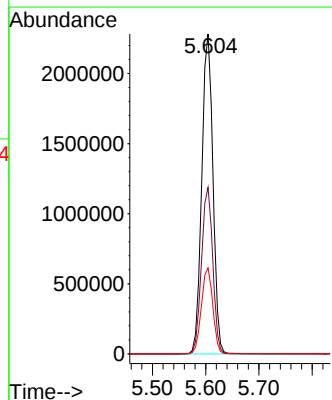
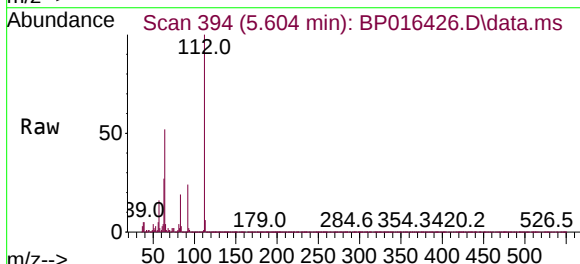
Instrument :
BNA_P
ClientSampleId :
PB154028BL

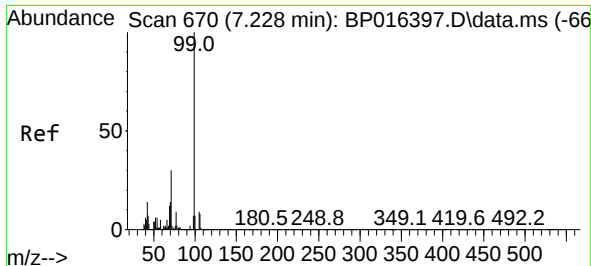
Tgt Ion:152 Resp: 368154
Ion Ratio Lower Upper
152 100
150 152.4 124.9 187.3
115 58.4 46.8 70.2



#5
2-Fluorophenol
Concen: 146.814 ng
RT: 5.604 min Scan# 394
Delta R.T. -0.000 min
Lab File: BP016426.D
Acq: 28 Jul 2023 16:48

Tgt Ion:112 Resp: 3313083
Ion Ratio Lower Upper
112 100
64 52.0 40.0 60.0
63 26.9 21.2 31.8



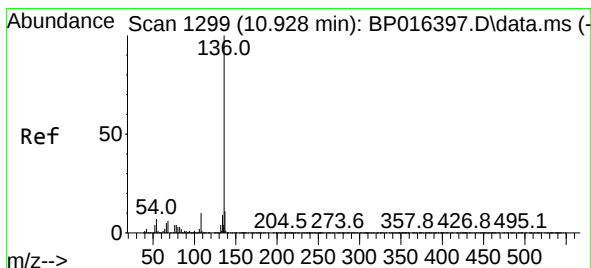
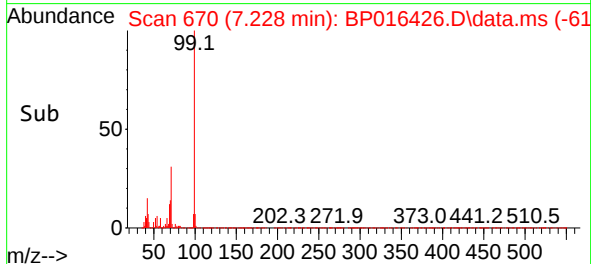
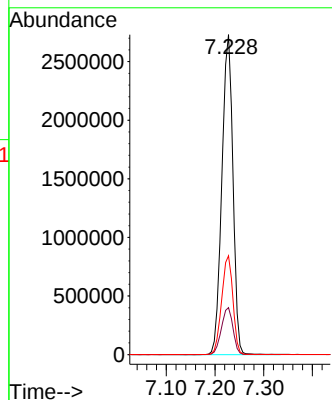
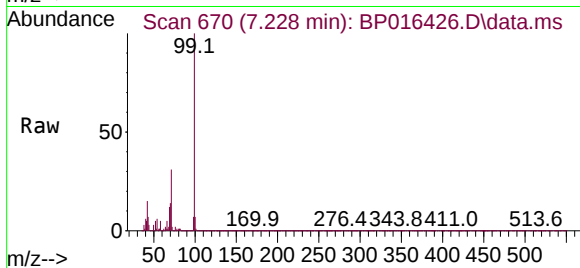


#7
Phenol-d6
Concen: 138.540 ng
RT: 7.228 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP016426.D
Acq: 28 Jul 2023 16:48

Instrument :
BNA_P
ClientSampleId :
PB154028BL

Tgt Ion: 99 Resp: 4285245

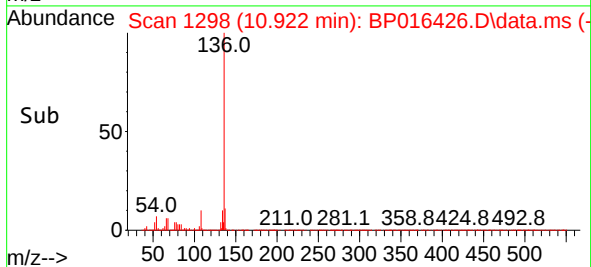
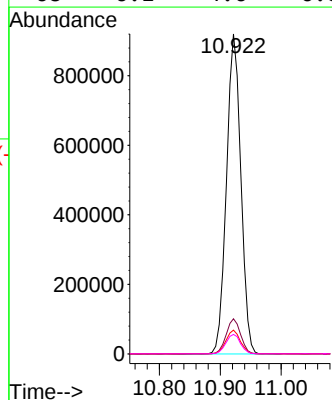
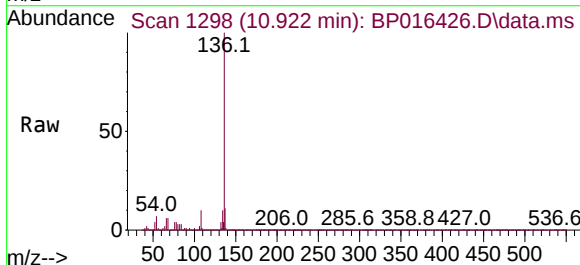
Ion	Ratio	Lower	Upper
99	100		
42	14.7	11.6	17.4
71	30.9	24.3	36.5

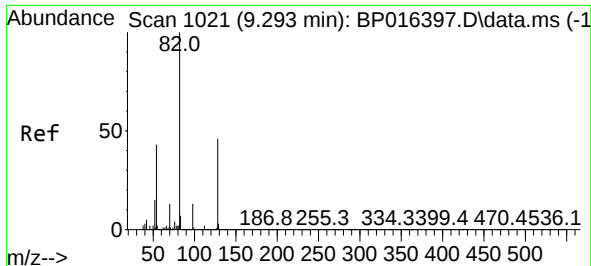


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.922 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BP016426.D
Acq: 28 Jul 2023 16:48

Tgt Ion:136 Resp: 1504932

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	7.4	5.6	8.4
68	6.1	4.6	6.8

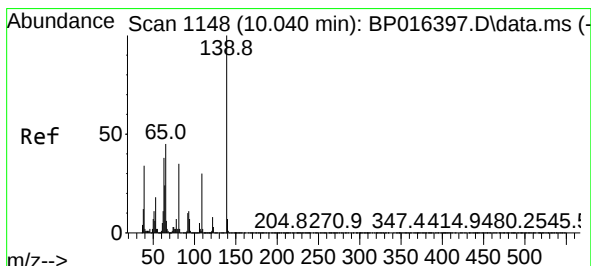
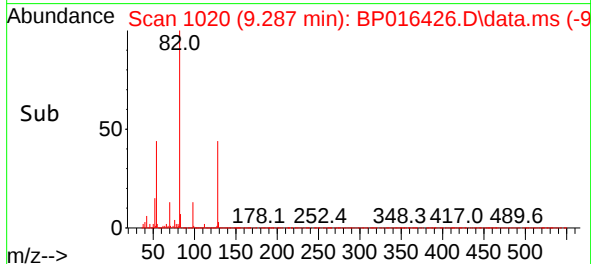
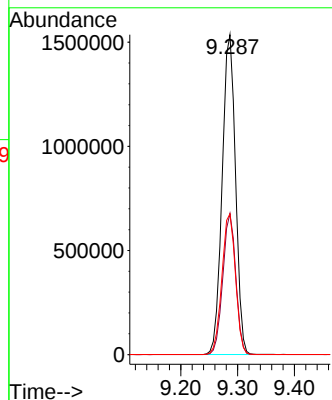
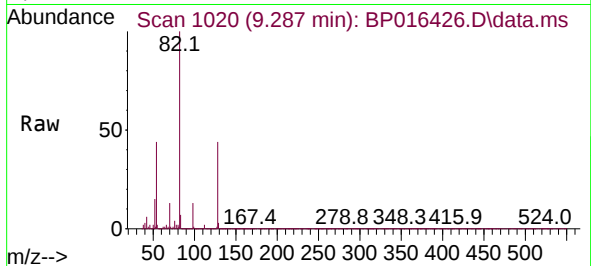




#23
Nitrobenzene-d5
Concen: 92.781 ng
RT: 9.287 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BP016426.D
Acq: 28 Jul 2023 16:48

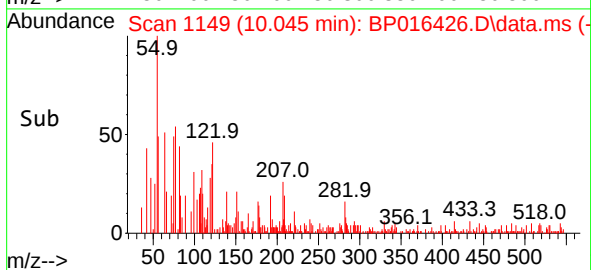
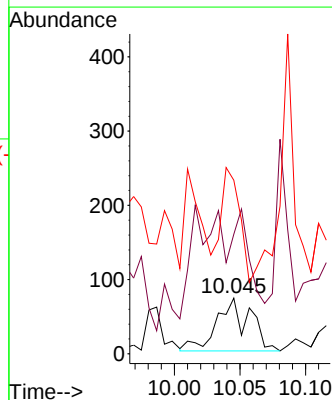
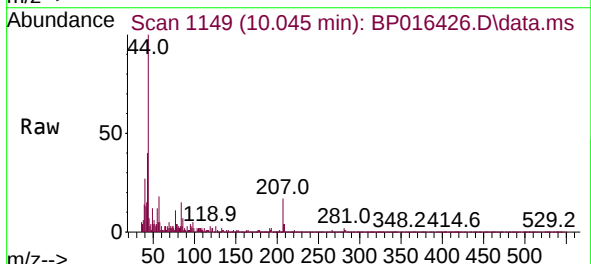
Instrument :
BNA_P
ClientSampleId :
PB154028BL

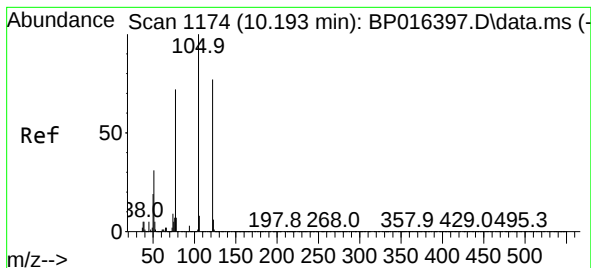
Tgt Ion: 82 Resp: 2494322
Ion Ratio Lower Upper
82 100
128 44.1 36.6 55.0
54 44.0 34.5 51.7



#26
2-Nitrophenol
Concen: 3.135 ng
RT: 10.045 min Scan# 1149
Delta R.T. 0.005 min
Lab File: BP016426.D
Acq: 28 Jul 2023 16:48

Tgt Ion: 139 Resp: 125
Ion Ratio Lower Upper
139 100
109 214.7 24.2 36.4#
65 312.0 35.8 53.6#





#32

Benzoic acid

Concen: 6.301 ng

RT: 10.181 min Scan# 1174

Delta R.T. -0.012 min

Lab File: BP016426.D

Acq: 28 Jul 2023 16:48

Instrument :

BNA_P

ClientSampleId :

PB154028BL

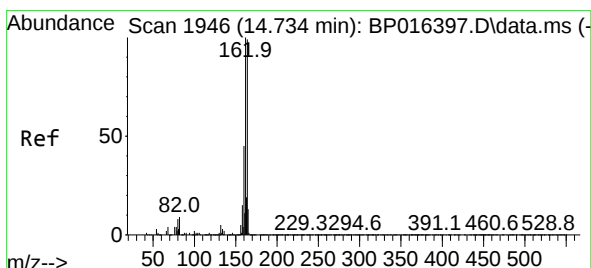
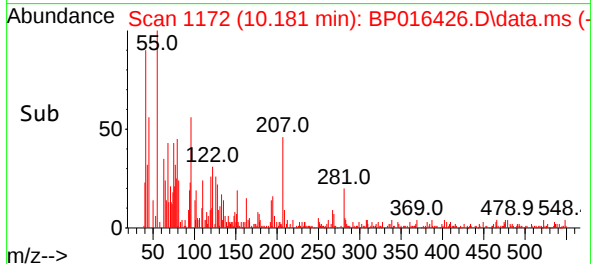
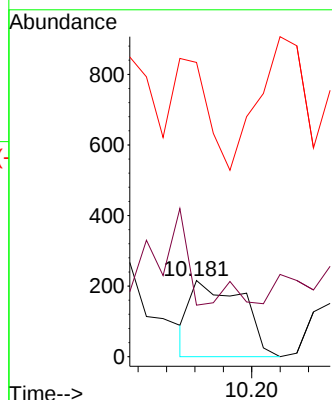
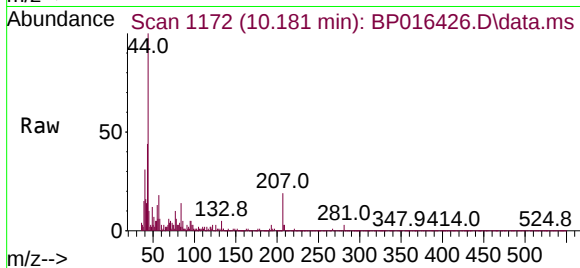
Tgt Ion:122 Resp: 271

Ion Ratio Lower Upper

122 100

105 67.6 105.2 145.2#

77 386.1 72.2 112.2#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.733 min Scan# 1946

Delta R.T. -0.000 min

Lab File: BP016426.D

Acq: 28 Jul 2023 16:48

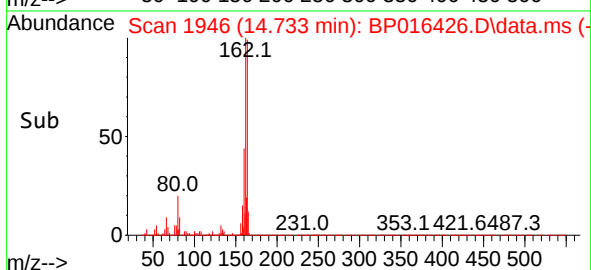
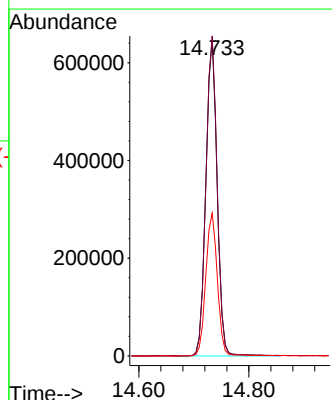
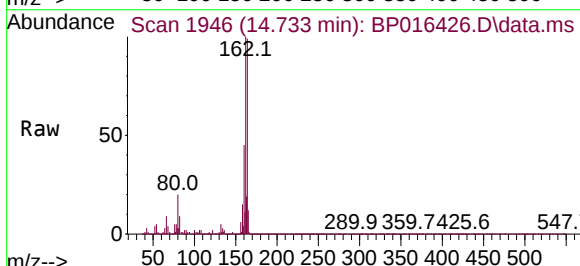
Tgt Ion:164 Resp: 918169

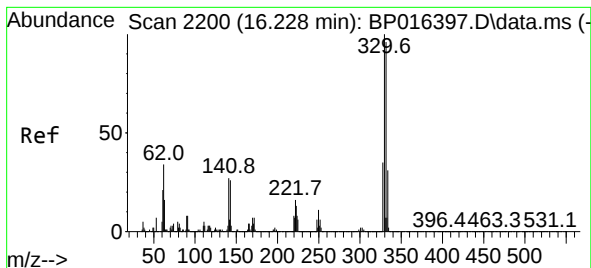
Ion Ratio Lower Upper

164 100

162 101.2 81.0 121.6

160 45.0 36.6 55.0





#42

2,4,6-Tribromophenol

Concen: 114.942 ng

RT: 16.227 min Scan# 21

Delta R.T. -0.001 min

Lab File: BP016426.D

Acq: 28 Jul 2023 16:48

Instrument :

BNA_P

ClientSampleId :

PB154028BL

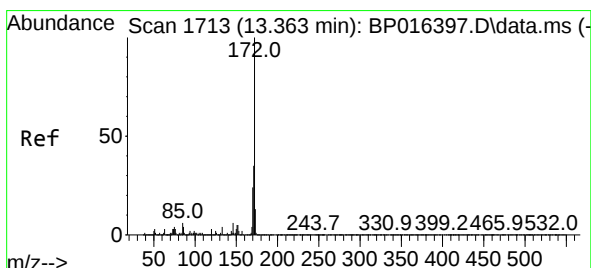
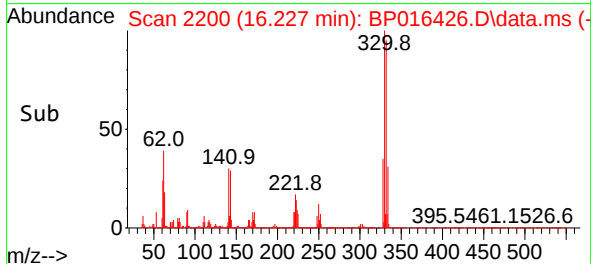
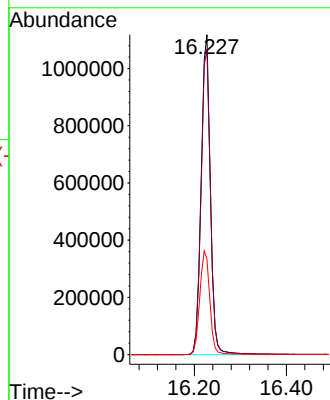
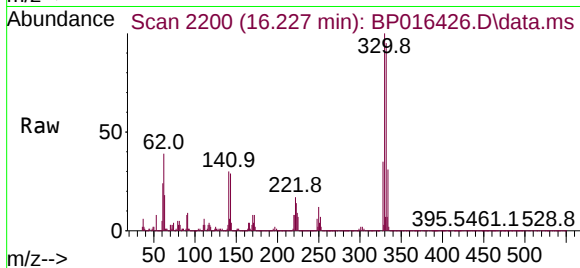
Tgt Ion:330 Resp: 1552598

Ion Ratio Lower Upper

330 100

332 97.0 77.8 116.8

141 35.1 22.6 34.0#



#45

2-Fluorobiphenyl

Concen: 89.063 ng

RT: 13.363 min Scan# 1713

Delta R.T. -0.000 min

Lab File: BP016426.D

Acq: 28 Jul 2023 16:48

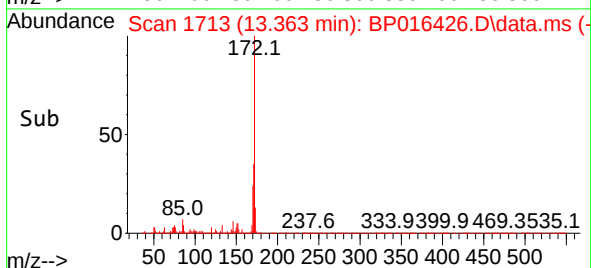
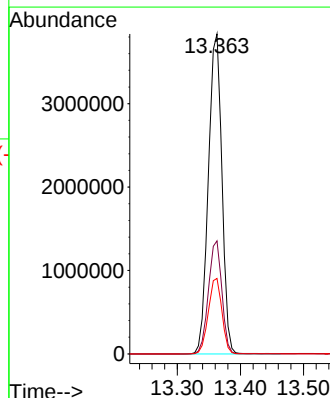
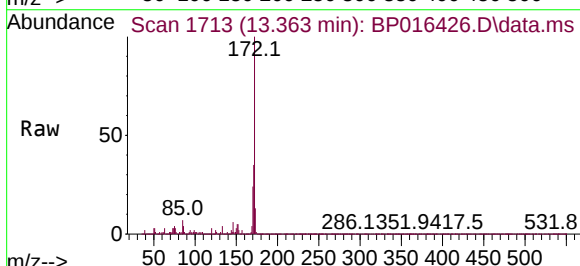
Tgt Ion:172 Resp: 5703896

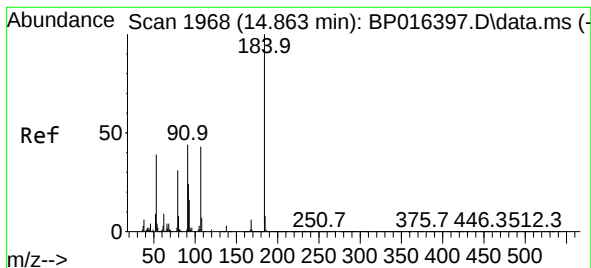
Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.2

170 23.6 19.1 28.7

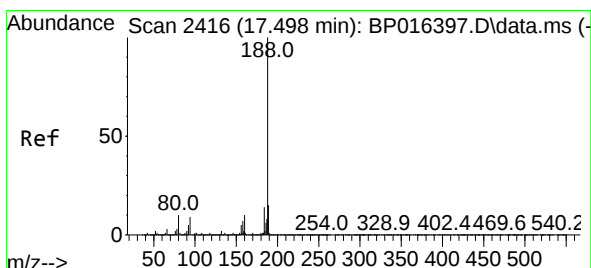
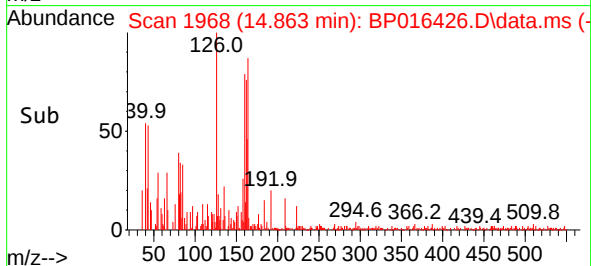
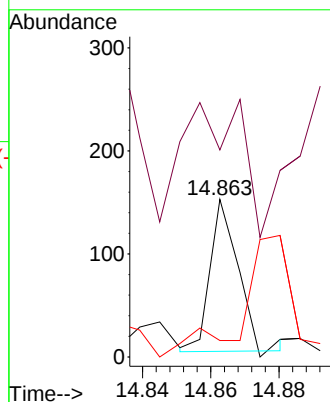
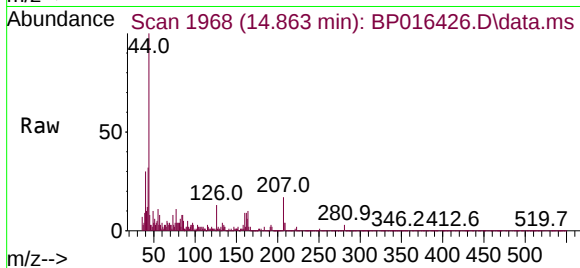




#54
2,4-Dinitrophenol
Concen: 8.013 ng
RT: 14.863 min Scan# 1968
Delta R.T. -0.000 min
Lab File: BP016426.D
Acq: 28 Jul 2023 16:48

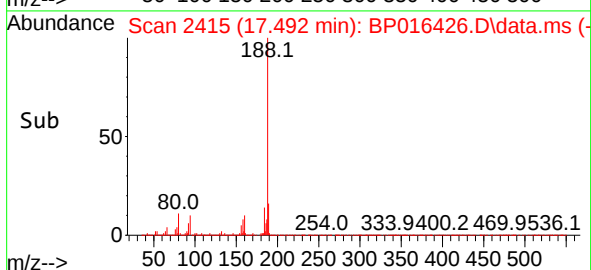
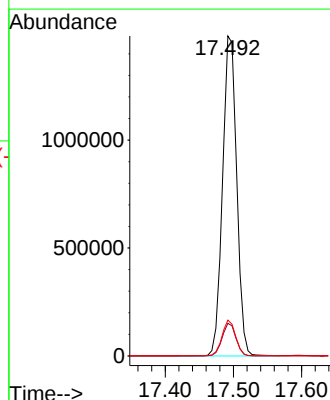
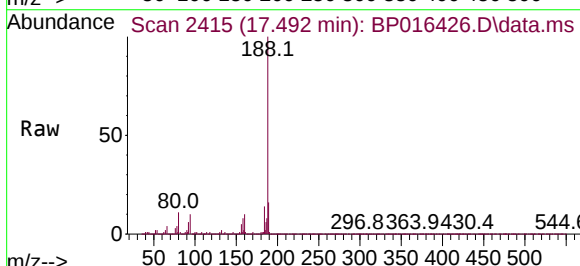
Instrument :
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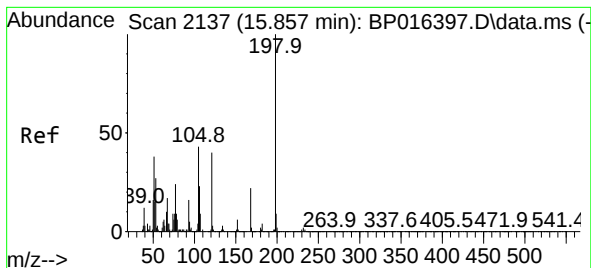
Tgt Ion:184 Resp: 85
Ion Ratio Lower Upper
184 100
63 131.4 48.2 72.4#
154 10.5 49.6 74.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.492 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BP016426.D
Acq: 28 Jul 2023 16:48

Tgt Ion:188 Resp: 2119769
Ion Ratio Lower Upper
188 100
94 10.2 7.4 11.0
80 11.2 7.8 11.8

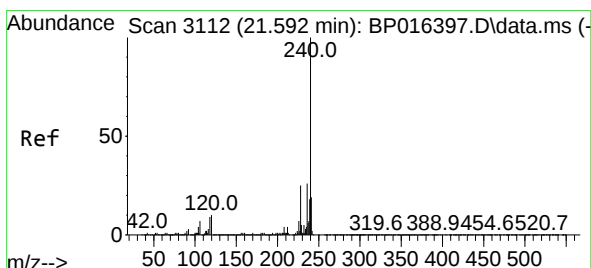
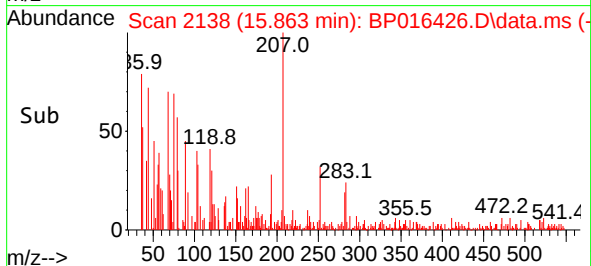
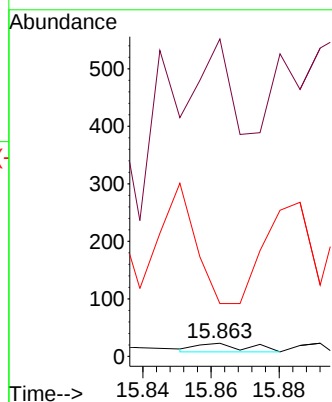
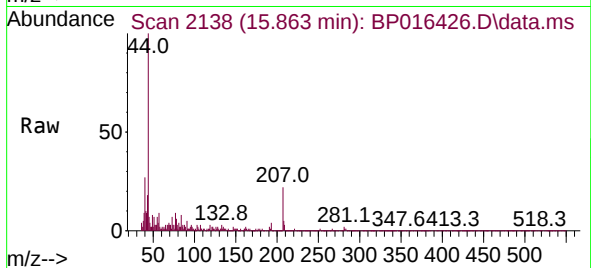




#65
4,6-Dinitro-2-methylphenol
Concen: 6.303 ng
RT: 15.863 min Scan# 2137
Delta R.T. 0.006 min
Lab File: BP016426.D
Acq: 28 Jul 2023 16:48

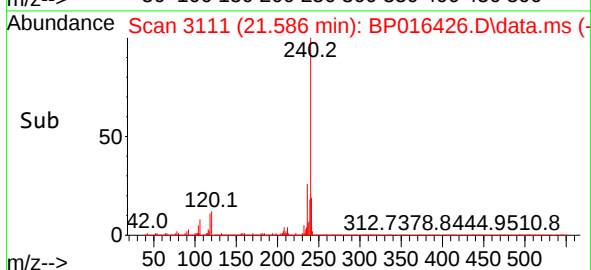
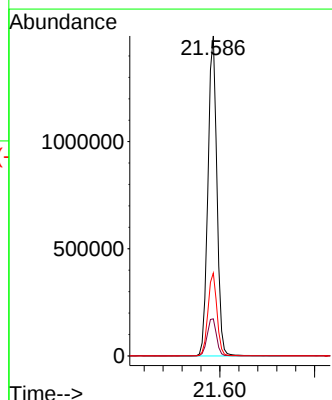
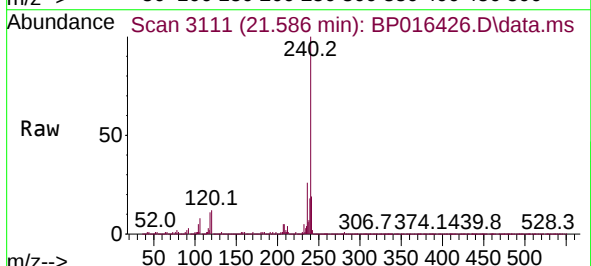
Instrument :
BNA_P
ClientSampleId :
PB154028BL

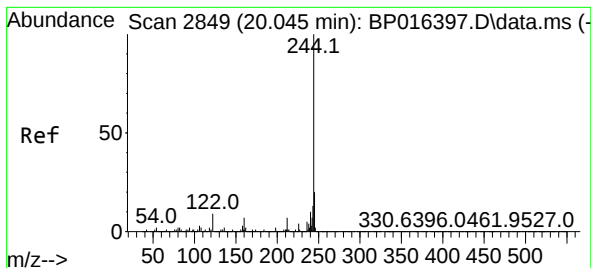
Tgt Ion:198 Resp: 15
Ion Ratio Lower Upper
198 100
51 2400.0 20.1 60.1#
105 400.0 23.1 63.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.586 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BP016426.D
Acq: 28 Jul 2023 16:48

Tgt Ion:240 Resp: 1957214
Ion Ratio Lower Upper
240 100
120 11.6 7.9 11.9
236 25.9 21.1 31.7





#79

Terphenyl-d14

Concen: 101.258 ng

RT: 20.039 min Scan# 2848

Delta R.T. -0.006 min

Lab File: BP016426.D

Acq: 28 Jul 2023 16:48

Instrument :

BNA_P

ClientSampleId :

PB154028BL

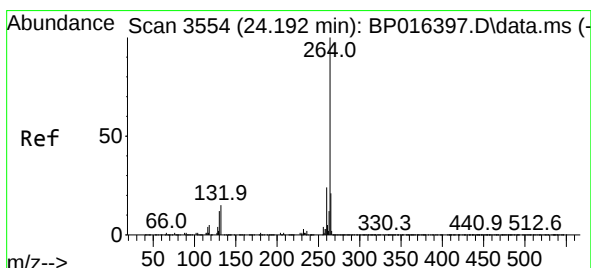
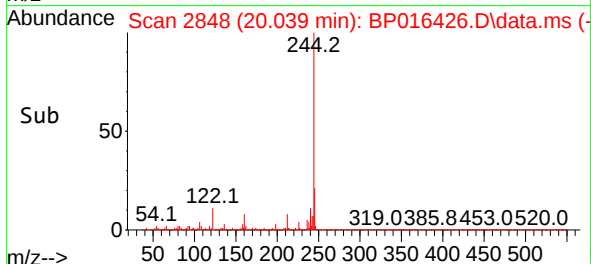
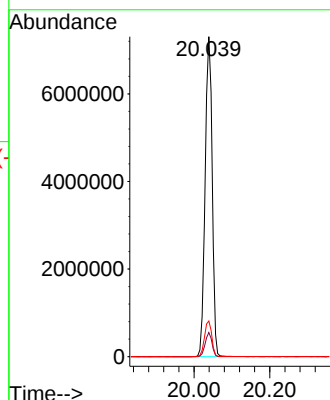
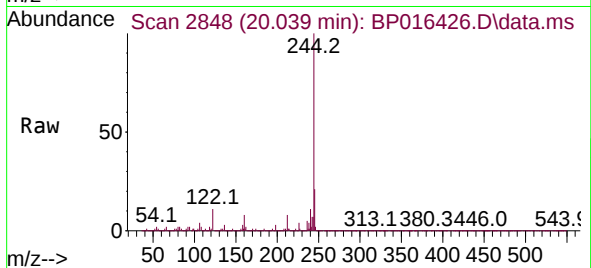
Tgt Ion:244 Resp: 9381861

Ion Ratio Lower Upper

244 100

212 7.5 5.6 8.4

122 11.2 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: BP016426.D

Acq: 28 Jul 2023 16:48

Tgt Ion:264 Resp: 2125825

Ion Ratio Lower Upper

264 100

260 23.9 19.3 28.9

265 22.0 17.4 26.0

