

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072723\
 Data File : BP016402.D
 Acq On : 27 Jul 2023 16:12
 Operator : MA/JU
 Sample : PB154028BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB154028BL

Quant Time: Jul 28 02:13:36 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)

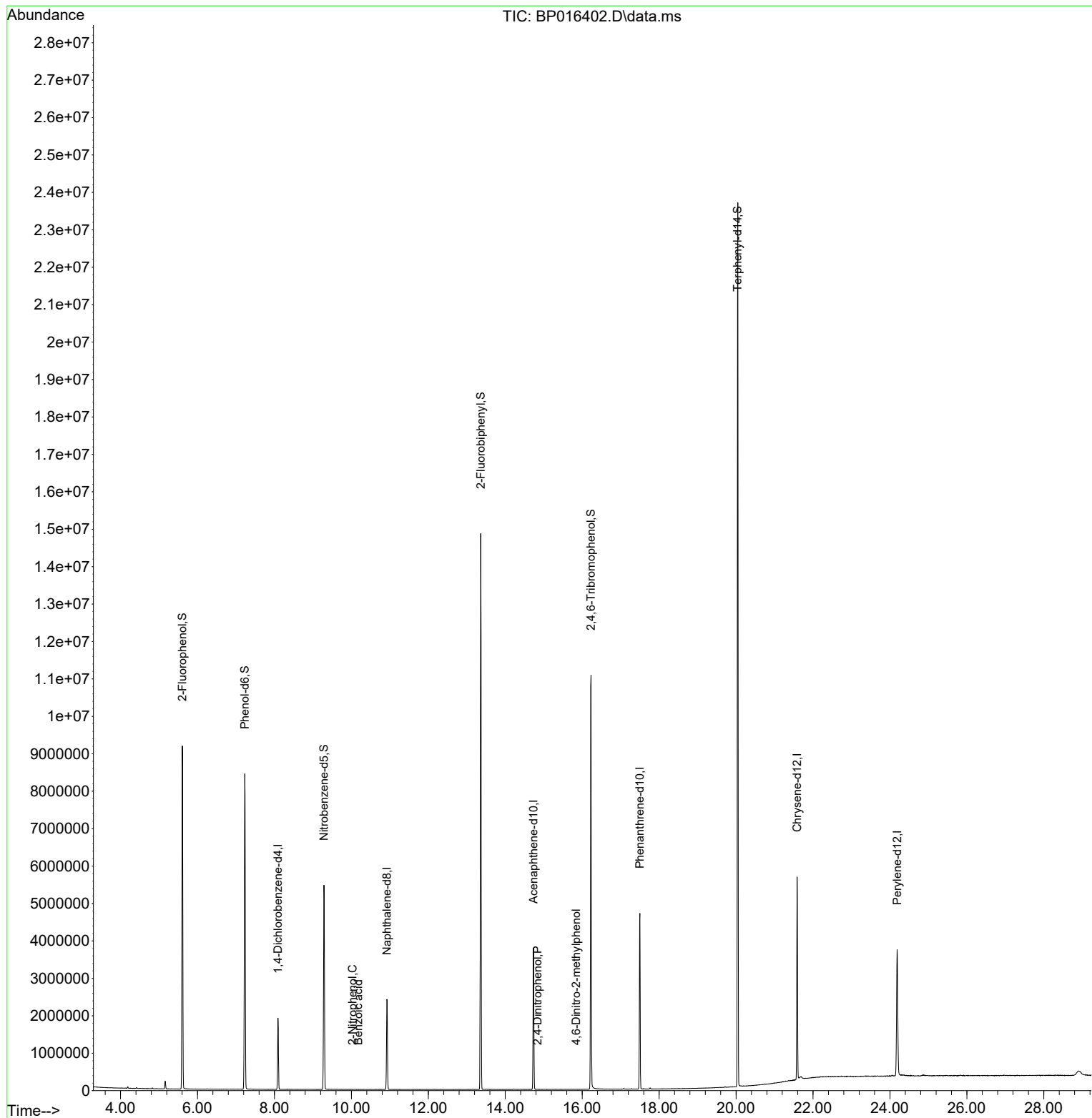
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	522312	20.000	ng	0.00
21) Naphthalene-d8	10.922	136	2042733	20.000	ng	0.00
39) Acenaphthene-d10	14.734	164	1236744	20.000	ng	0.00
64) Phenanthrene-d10	17.498	188	2800283	20.000	ng	0.00
76) Chrysene-d12	21.586	240	2560519	20.000	ng	0.00
86) Perylene-d12	24.186	264	2787235	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.605	112	4308891	134.586	ng	0.00
7) Phenol-d6	7.228	99	5398507	123.019	ng	0.00
23) Nitrobenzene-d5	9.287	82	3174532	86.994	ng	0.00
42) 2,4,6-Tribromophenol	16.228	330	2448134	134.555	ng	0.00
45) 2-Fluorobiphenyl	13.363	172	7694704	89.199	ng	0.00
79) Terphenyl-d14	20.039	244	11748372	96.924	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.234	77	9493	Below Cal	#	6
26) 2-Nitrophenol	10.028	139	92	3.131 ng	#	1
32) Benzoic acid	10.181	122	115	6.291 ng	#	1
54) 2,4-Dinitrophenol	14.840	184	69	8.008 ng	#	1
65) 4,6-Dinitro-2-methylph...	15.846	198	23	6.303 ng	#	1

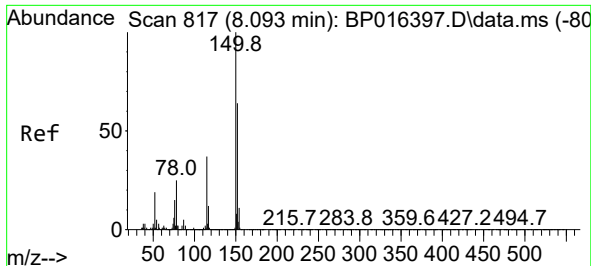
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072723\
Data File : BP016402.D
Acq On : 27 Jul 2023 16:12
Operator : MA/JU
Sample : PB154028BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB154028BL

Quant Time: Jul 28 02:13:36 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

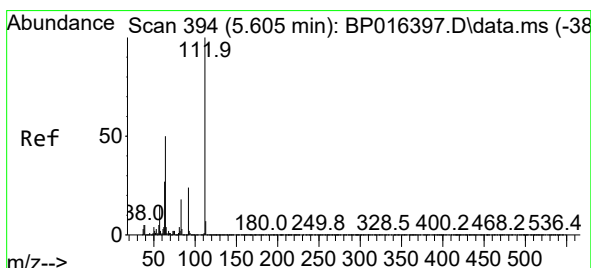
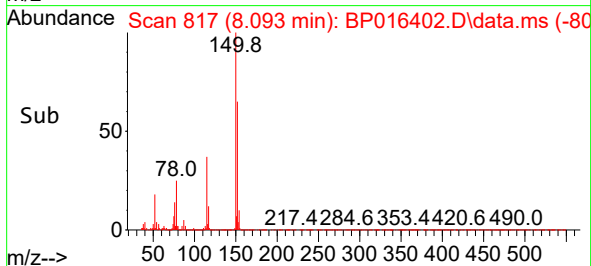
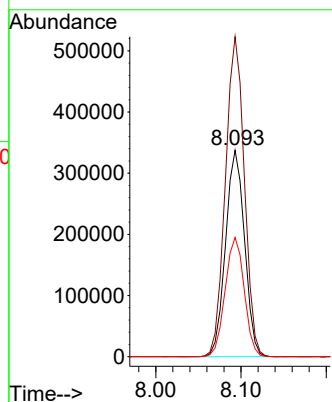
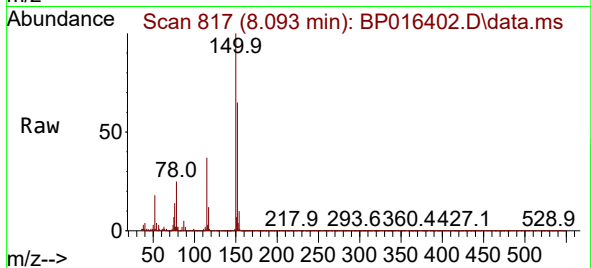




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.093 min Scan# 817
Delta R.T. -0.000 min
Lab File: BP016402.D
Acq: 27 Jul 2023 16:12

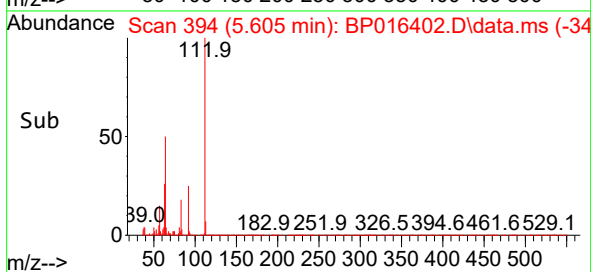
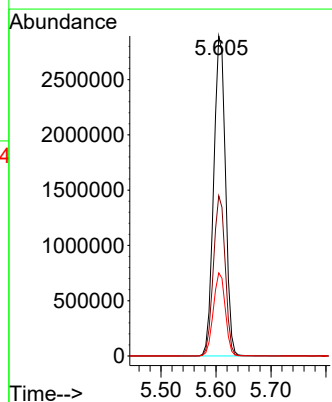
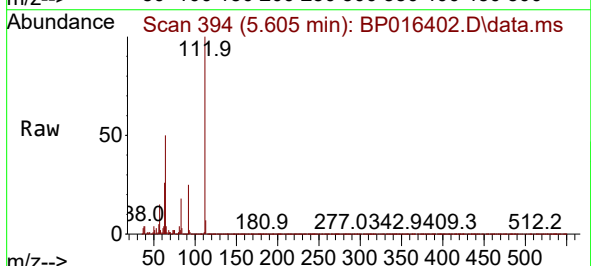
Instrument :
BNA_P
ClientSampleId :
PB154028BL

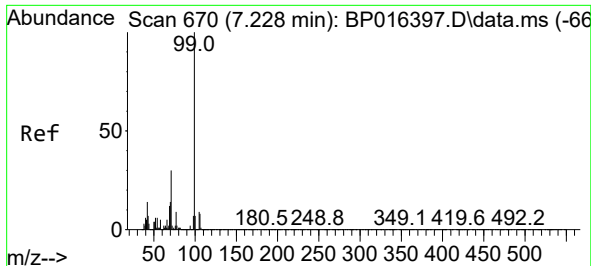
Tgt Ion:152 Resp: 522312
Ion Ratio Lower Upper
152 100
150 155.0 124.9 187.3
115 57.7 46.8 70.2



#5
2-Fluorophenol
Concen: 134.586 ng
RT: 5.605 min Scan# 394
Delta R.T. 0.000 min
Lab File: BP016402.D
Acq: 27 Jul 2023 16:12

Tgt Ion:112 Resp: 4308891
Ion Ratio Lower Upper
112 100
64 50.1 40.0 60.0
63 26.0 21.2 31.8



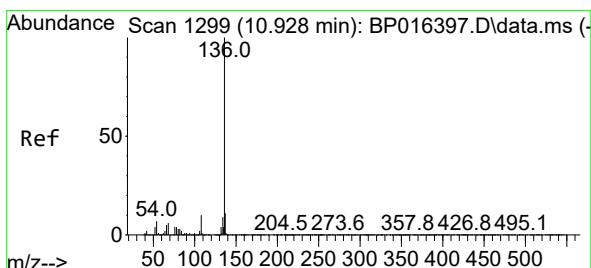
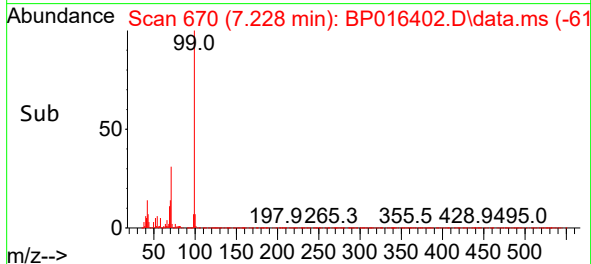
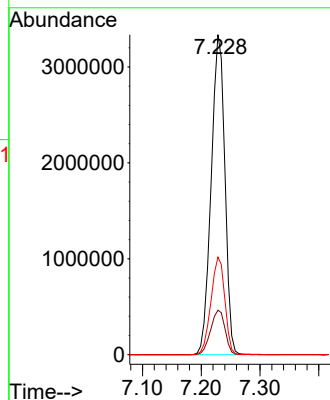
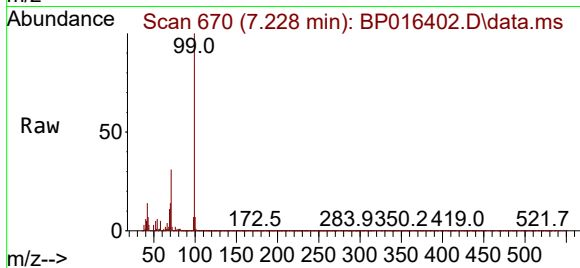


#7
Phenol-d6
Concen: 123.019 ng
RT: 7.228 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP016402.D
Acq: 27 Jul 2023 16:12

Instrument :
BNA_P
ClientSampleId :
PB154028BL

Tgt Ion: 99 Resp: 5398507

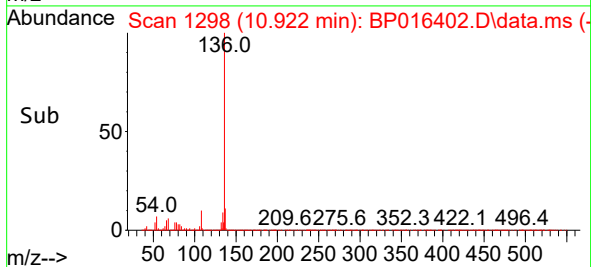
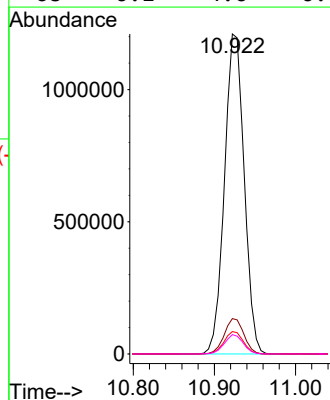
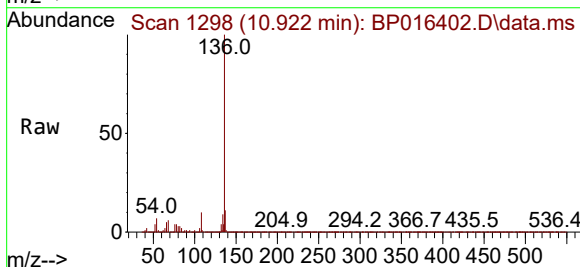
Ion	Ratio	Lower	Upper
99	100		
42	13.9	11.6	17.4
71	30.5	24.3	36.5

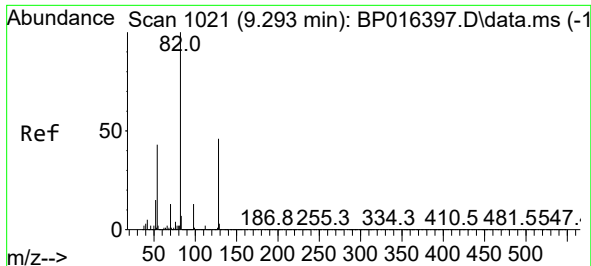


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.922 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BP016402.D
Acq: 27 Jul 2023 16:12

Tgt Ion:136 Resp: 2042733

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	7.0	5.6	8.4
68	6.1	4.6	6.8

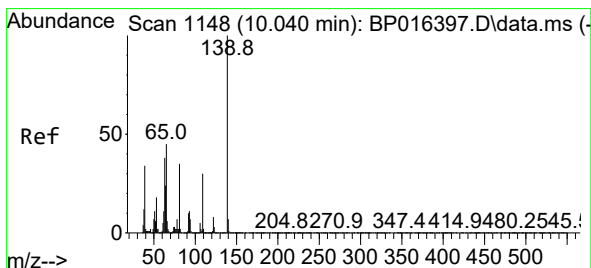
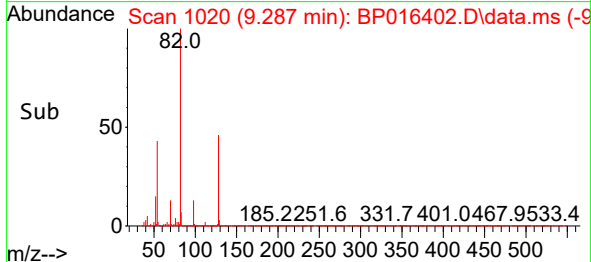
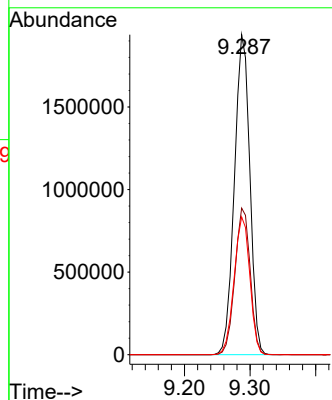
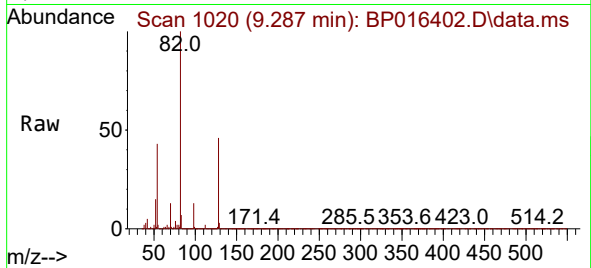




#23
Nitrobenzene-d5
Concen: 86.994 ng
RT: 9.287 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BP016402.D
Acq: 27 Jul 2023 16:12

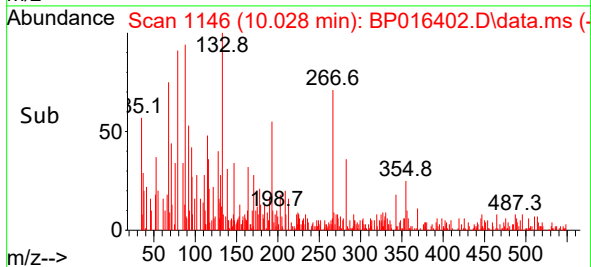
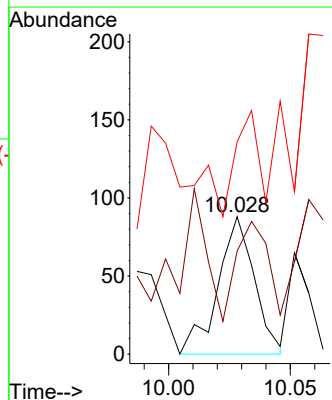
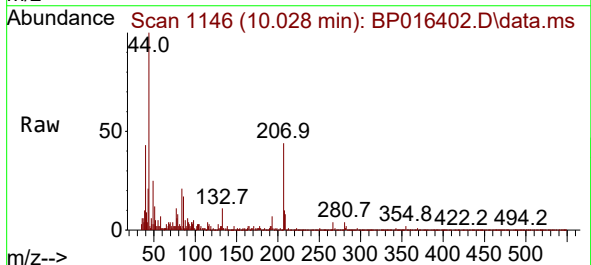
Instrument :
BNA_P
ClientSampleId :
PB154028BL

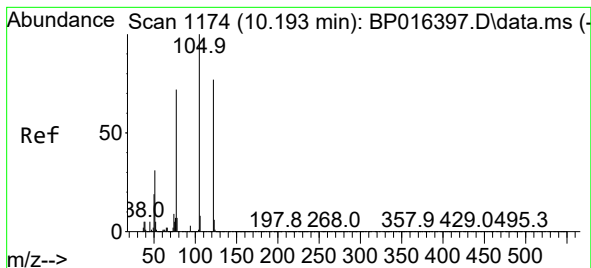
Tgt Ion: 82 Resp: 3174532
Ion Ratio Lower Upper
82 100
128 45.8 36.6 55.0
54 43.1 34.5 51.7



#26
2-Nitrophenol
Concen: 3.131 ng
RT: 10.028 min Scan# 1146
Delta R.T. -0.012 min
Lab File: BP016402.D
Acq: 27 Jul 2023 16:12

Tgt Ion:139 Resp: 92
Ion Ratio Lower Upper
139 100
109 75.0 24.2 36.4#
65 154.5 35.8 53.6#





#32

Benzoic acid

Concen: 6.291 ng

RT: 10.181 min Scan# 1172

Delta R.T. -0.012 min

Lab File: BP016402.D

Acq: 27 Jul 2023 16:12

Instrument :

BNA_P

ClientSampleId :

PB154028BL

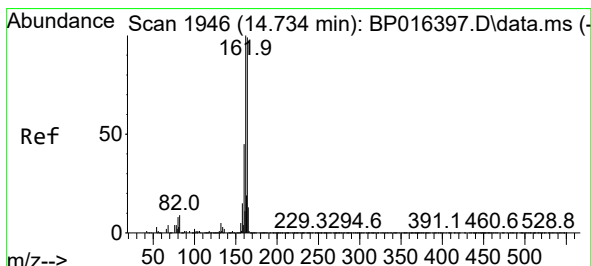
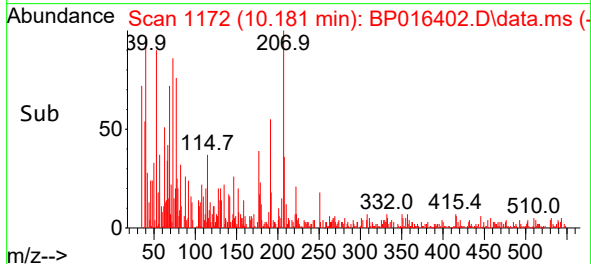
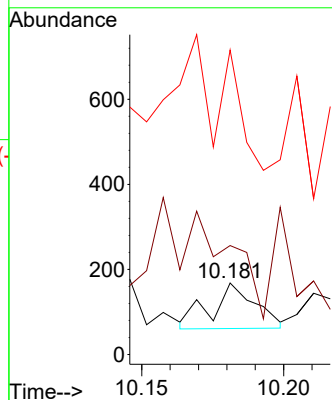
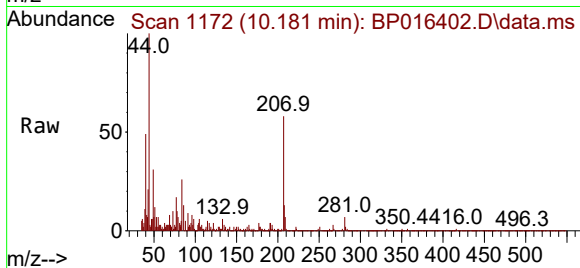
Tgt Ion:122 Resp: 115

Ion Ratio Lower Upper

122 100

105 152.4 105.2 145.2#

77 426.2 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: BP016402.D

Acq: 27 Jul 2023 16:12

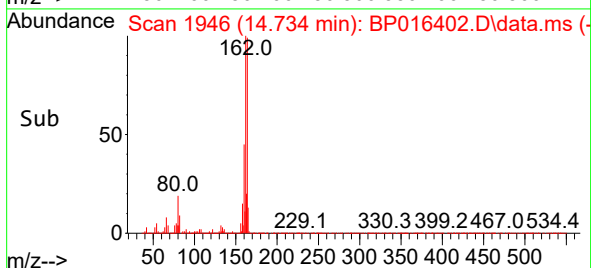
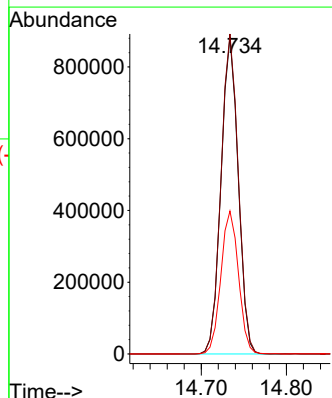
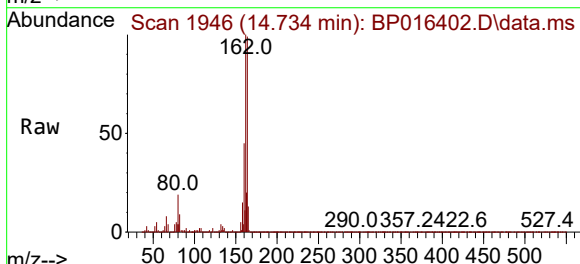
Tgt Ion:164 Resp: 1236744

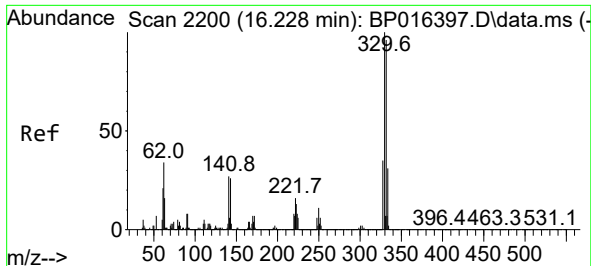
Ion Ratio Lower Upper

164 100

162 101.0 81.0 121.6

160 45.1 36.6 55.0

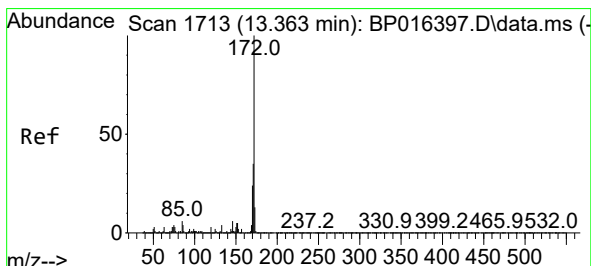
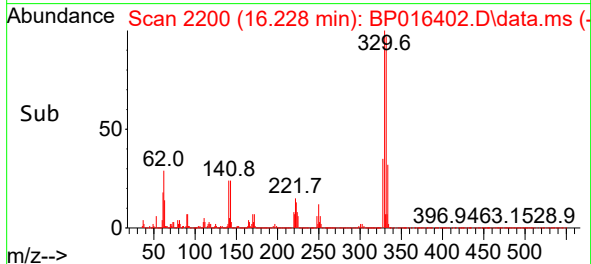
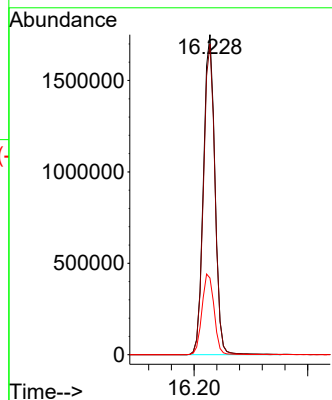
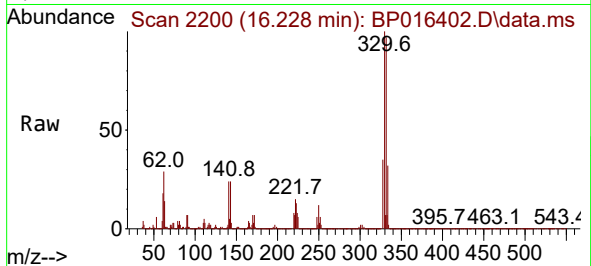




#42
2,4,6-Tribromophenol
Concen: 134.555 ng
RT: 16.228 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP016402.D
Acq: 27 Jul 2023 16:12

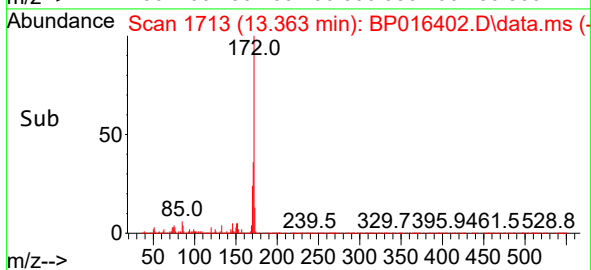
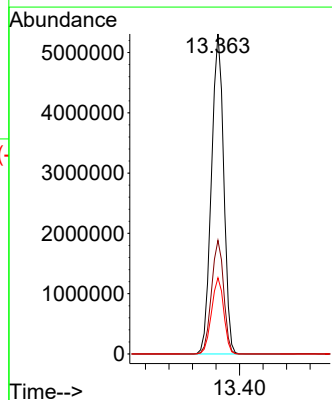
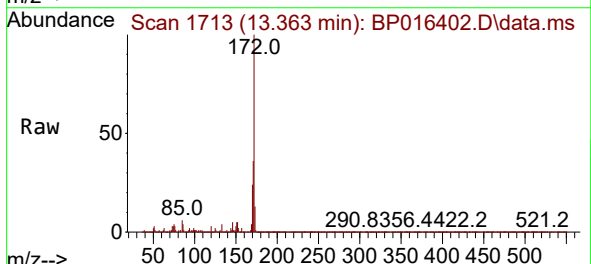
Instrument :
BNA_P
ClientSampleId :
PB154028BL

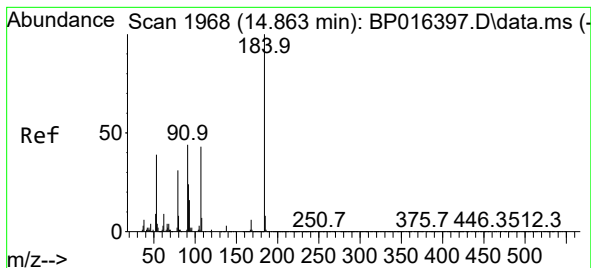
Tgt Ion:330 Resp: 2448134
Ion Ratio Lower Upper
330 100
332 97.3 77.8 116.8
141 26.8 22.6 34.0



#45
2-Fluorobiphenyl
Concen: 89.199 ng
RT: 13.363 min Scan# 1713
Delta R.T. 0.000 min
Lab File: BP016402.D
Acq: 27 Jul 2023 16:12

Tgt Ion:172 Resp: 7694704
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.2
170 23.8 19.1 28.7

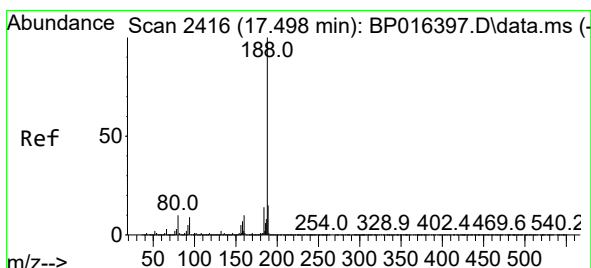
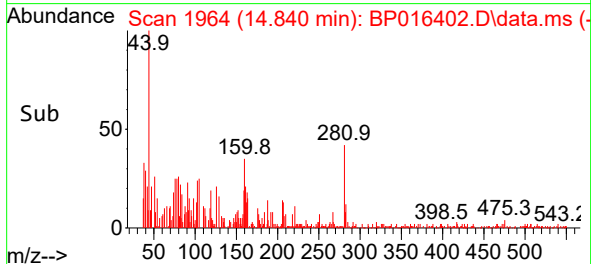
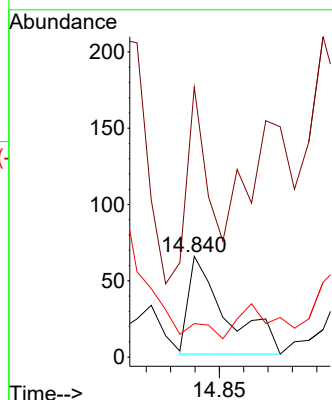
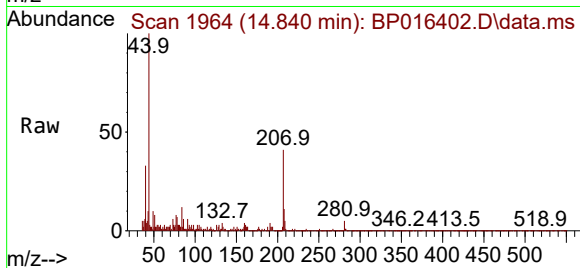




#54
2,4-Dinitrophenol
Concen: 8.008 ng
RT: 14.840 min Scan# 1964
Delta R.T. -0.023 min
Lab File: BP016402.D
Acq: 27 Jul 2023 16:12

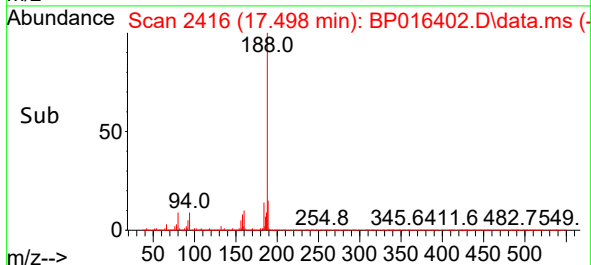
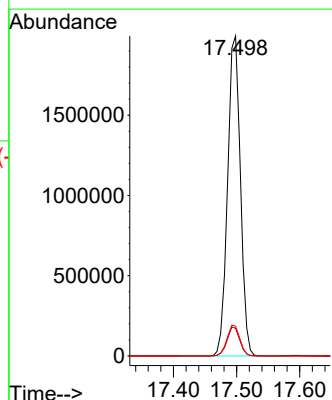
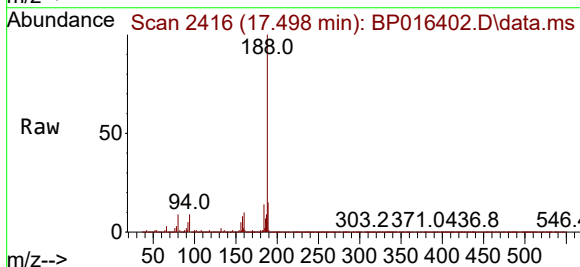
Instrument :
BNA_P
ClientSampleId :
PB154028BL

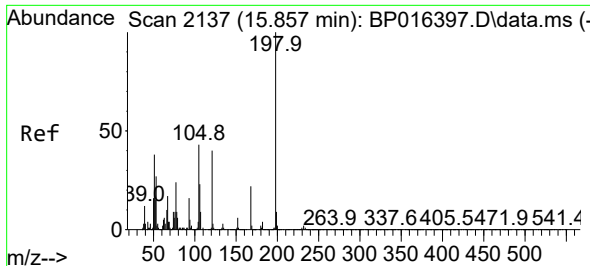
Tgt Ion:184 Resp: 69
Ion Ratio Lower Upper
184 100
63 268.2 48.2 72.4#
154 33.3 49.6 74.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.498 min Scan# 2416
Delta R.T. 0.000 min
Lab File: BP016402.D
Acq: 27 Jul 2023 16:12

Tgt Ion:188 Resp: 2800283
Ion Ratio Lower Upper
188 100
94 8.7 7.4 11.0
80 9.4 7.8 11.8

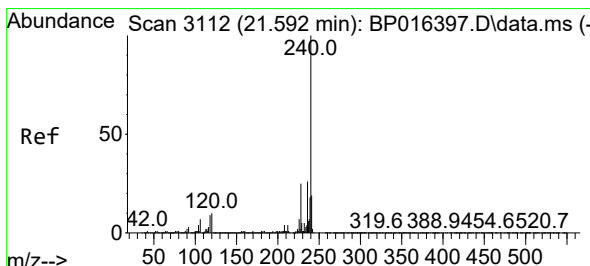
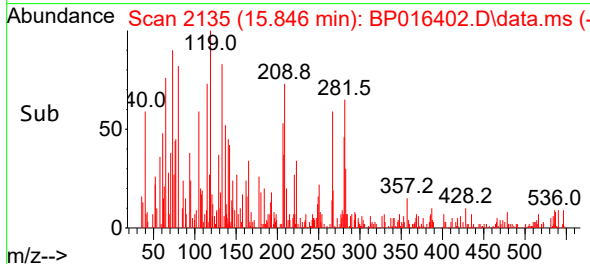
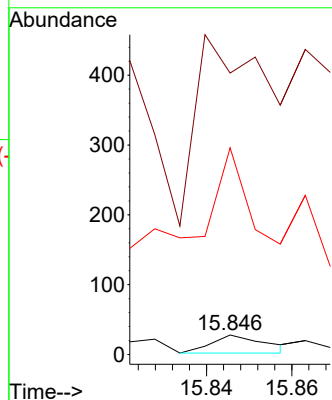
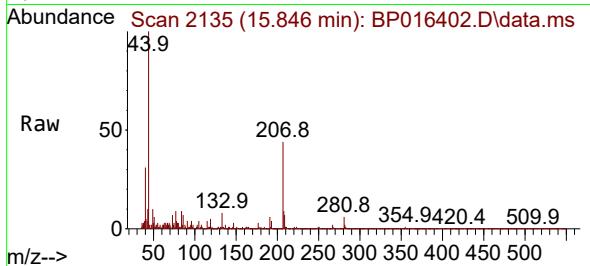




#65
4,6-Dinitro-2-methylphenol
Concen: 6.303 ng
RT: 15.846 min Scan# 21
Delta R.T. -0.011 min
Lab File: BP016402.D
Acq: 27 Jul 2023 16:12

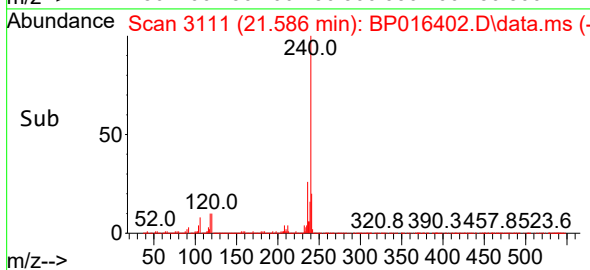
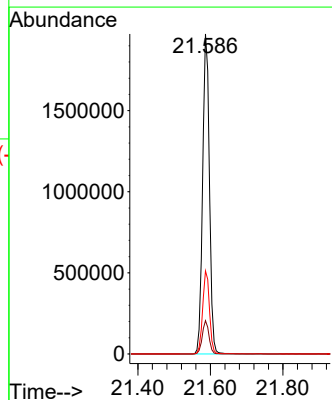
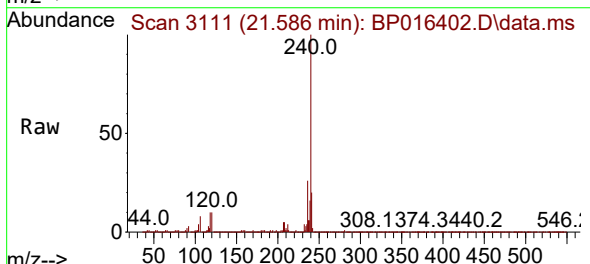
Instrument :
BNA_P
ClientSampleId :
PB154028BL

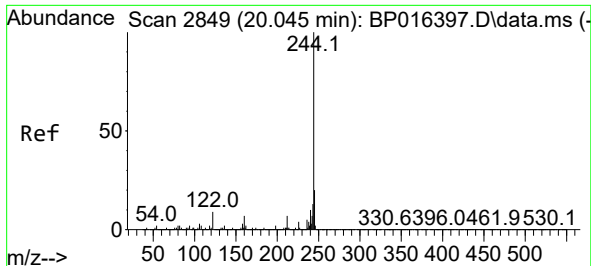
Tgt Ion:198 Resp: 23
Ion Ratio Lower Upper
198 100
51 1439.3 20.1 60.1#
105 1057.1 23.1 63.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.586 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BP016402.D
Acq: 27 Jul 2023 16:12

Tgt Ion:240 Resp: 2560519
Ion Ratio Lower Upper
240 100
120 10.4 7.9 11.9
236 25.9 21.1 31.7

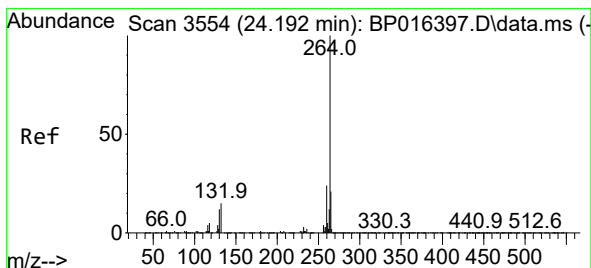
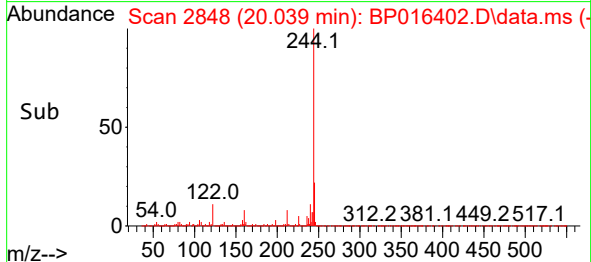
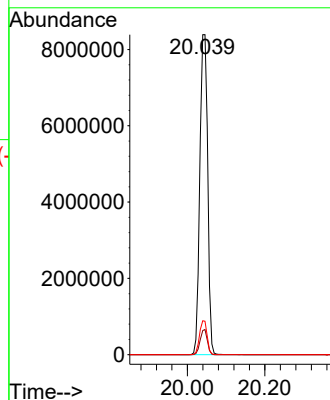
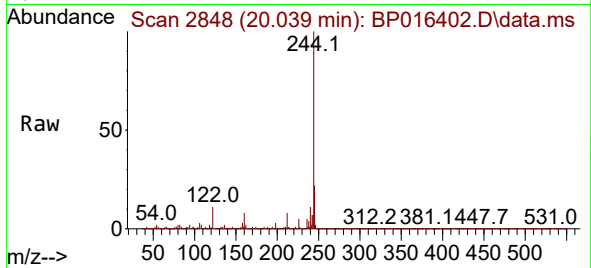




#79
Terphenyl-d14
Concen: 96.924 ng
RT: 20.039 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP016402.D
Acq: 27 Jul 2023 16:12

Instrument :
BNA_P
ClientSampleId :
PB154028BL

Tgt Ion:244 Resp:11748372
Ion Ratio Lower Upper
244 100
212 7.5 5.6 8.4
122 10.6 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: BP016402.D
Acq: 27 Jul 2023 16:12

Tgt Ion:264 Resp: 2787235
Ion Ratio Lower Upper
264 100
260 24.3 19.3 28.9
265 21.8 17.4 26.0

