

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072723\
 Data File : BP016406.D
 Acq On : 27 Jul 2023 18:30
 Operator : MA/JU
 Sample : 03706-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FB02

Quant Time: Jul 28 02:15:05 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)

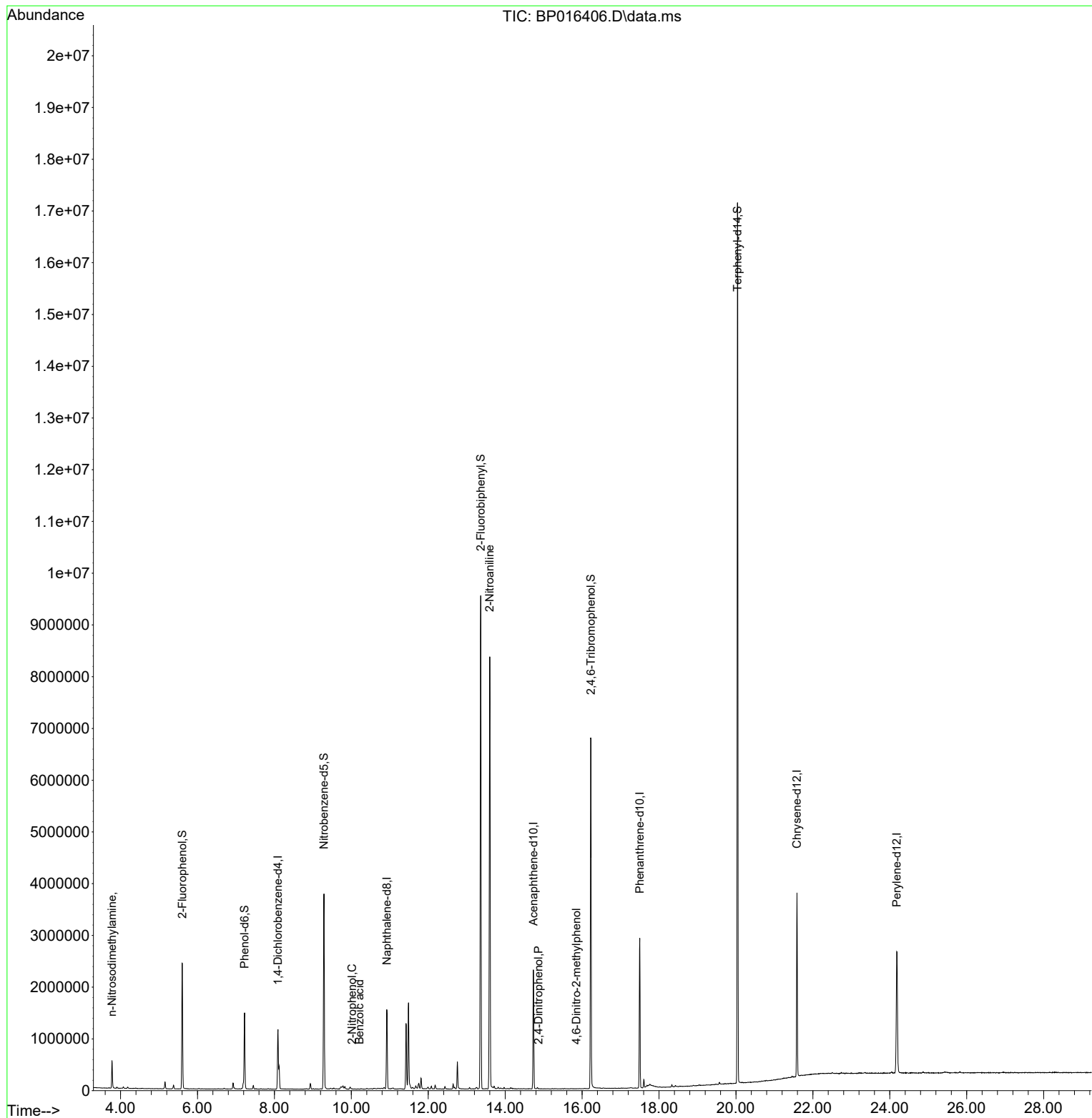
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	306334	20.000	ng	0.00
21) Naphthalene-d8	10.922	136	1250634	20.000	ng	0.00
39) Acenaphthene-d10	14.734	164	739715	20.000	ng	0.00
64) Phenanthrene-d10	17.498	188	1659333	20.000	ng	0.00
76) Chrysene-d12	21.586	240	1604796	20.000	ng	# 0.00
86) Perylene-d12	24.180	264	1852404	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.605	112	1116341	59.452	ng	0.00
7) Phenol-d6	7.222	99	845053	32.834	ng	0.00
23) Nitrobenzene-d5	9.287	82	2133936	95.515	ng	0.00
42) 2,4,6-Tribromophenol	16.228	330	1257043	115.513	ng	0.00
45) 2-Fluorobiphenyl	13.363	172	4802473	93.079	ng	0.00
79) Terphenyl-d14	20.039	244	8147404	107.246	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.775	42	19680	2.384	ng	# 1
9) Benzaldehyde	7.240	77	6471	Below Cal		87
26) 2-Nitrophenol	10.016	139	50	3.130	ng	# 1
32) Benzoic acid	10.210	122	62	6.290	ng	# 1
48) 2-Nitroaniline	13.598	65	147828	12.328	ng	# 11
54) 2,4-Dinitrophenol	14.869	184	17	8.004	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.851	198	62	6.308	ng	# 1

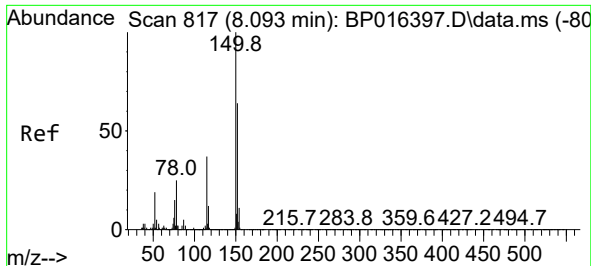
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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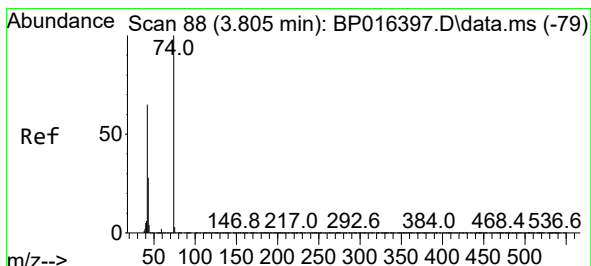
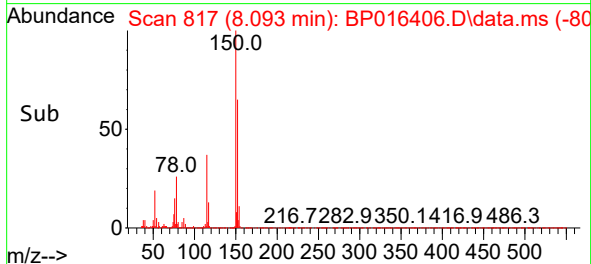
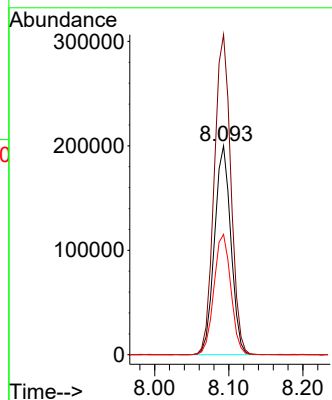
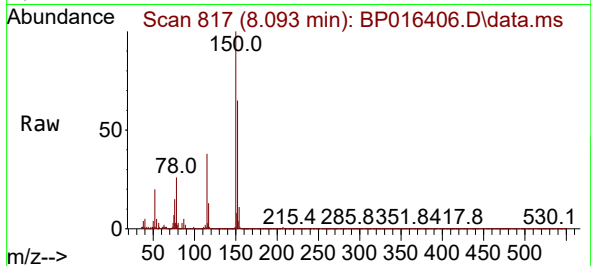




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.093 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP016406.D
Acq: 27 Jul 2023 18:30

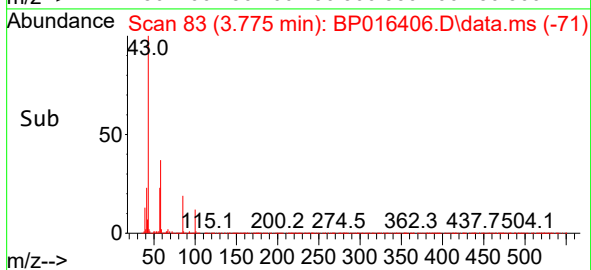
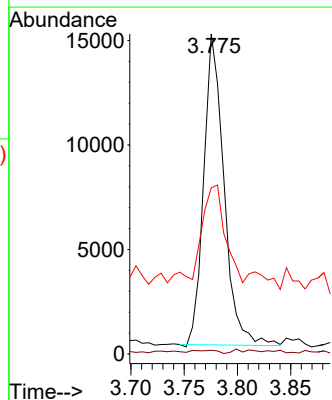
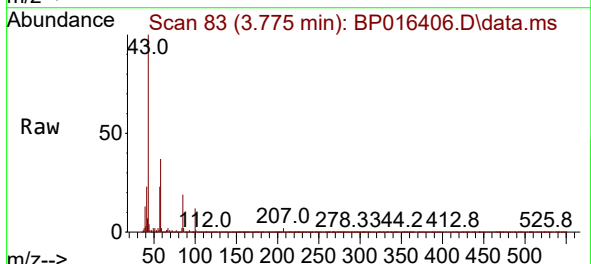
Instrument :
BNA_P
ClientSampleId :
FB02

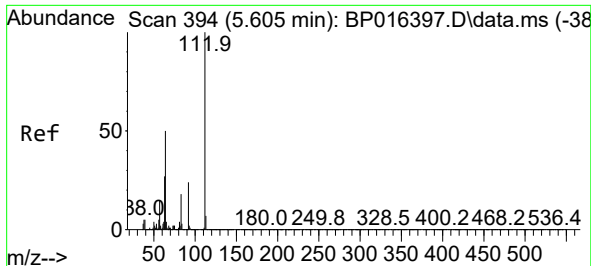
Tgt Ion:152 Resp: 306334
Ion Ratio Lower Upper
152 100
150 153.2 124.9 187.3
115 57.6 46.8 70.2



#4
n-Nitrosodimethylamine
Concen: 2.384 ng
RT: 3.775 min Scan# 83
Delta R.T. -0.029 min
Lab File: BP016406.D
Acq: 27 Jul 2023 18:30

Tgt Ion: 42 Resp: 19680
Ion Ratio Lower Upper
42 100
74 1.2 123.8 185.8#
44 51.9 5.5 8.3#

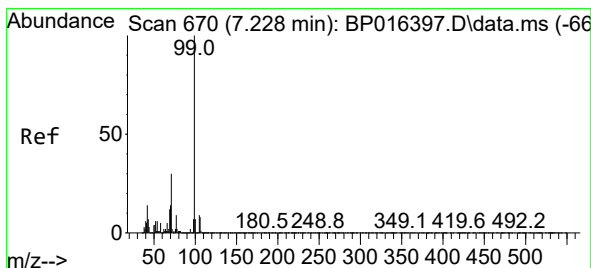
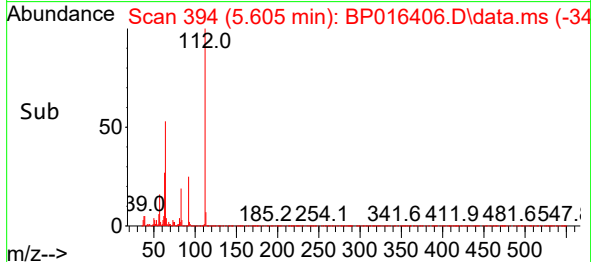
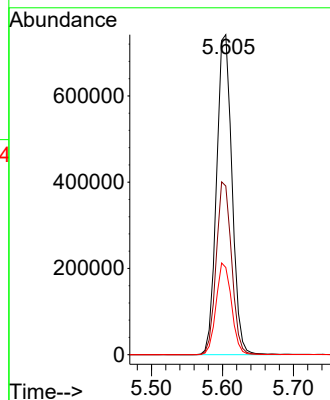
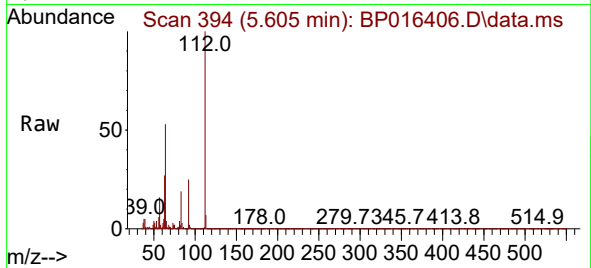




#5
2-Fluorophenol
Concen: 59.452 ng
RT: 5.605 min Scan# 394
Delta R.T. -0.000 min
Lab File: BP016406.D
Acq: 27 Jul 2023 18:30

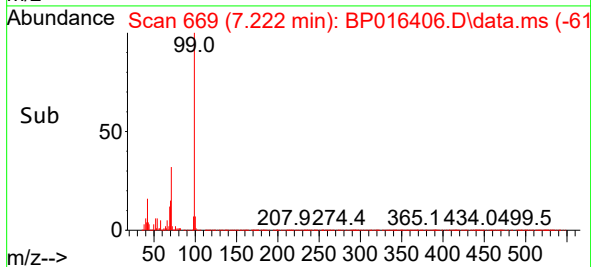
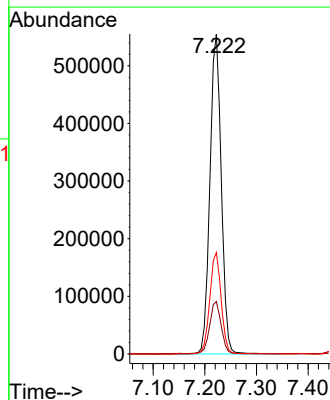
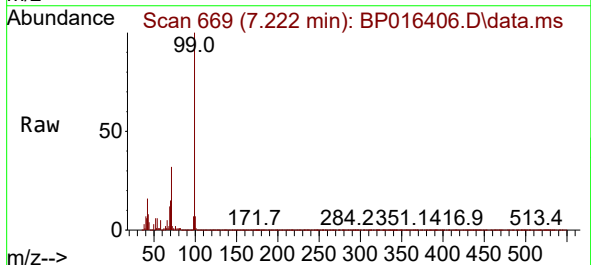
Instrument :
BNA_P
ClientSampleId :
FB02

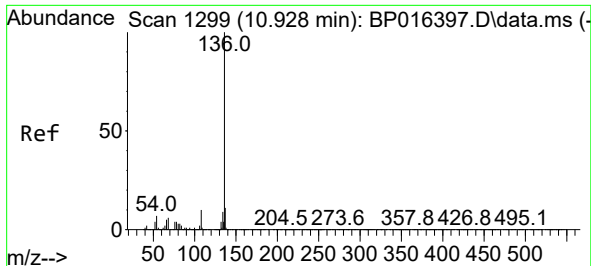
Tgt Ion:112 Resp: 1116341
Ion Ratio Lower Upper
112 100
64 52.7 40.0 60.0
63 27.3 21.2 31.8



#7
Phenol-d6
Concen: 32.834 ng
RT: 7.222 min Scan# 669
Delta R.T. -0.006 min
Lab File: BP016406.D
Acq: 27 Jul 2023 18:30

Tgt Ion: 99 Resp: 845053
Ion Ratio Lower Upper
99 100
42 16.4 11.6 17.4
71 31.7 24.3 36.5

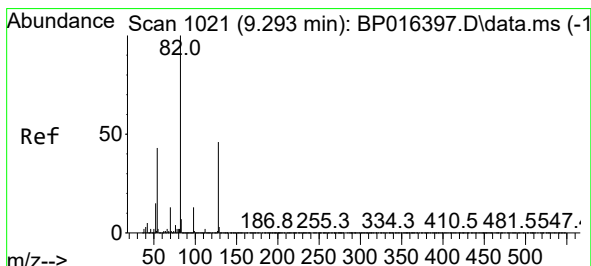
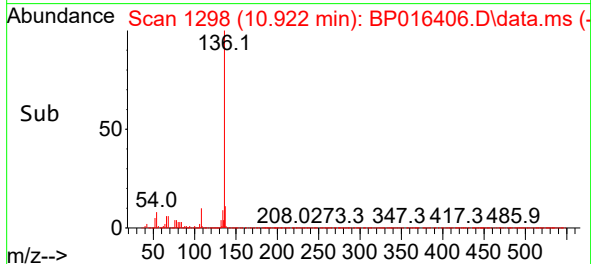
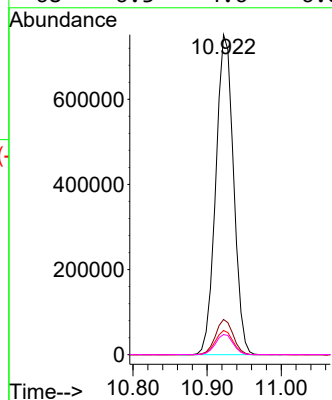
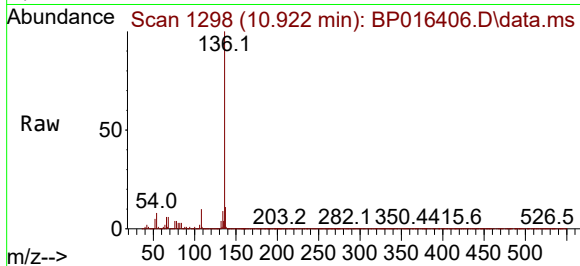




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.922 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP016406.D
Acq: 27 Jul 2023 18:30

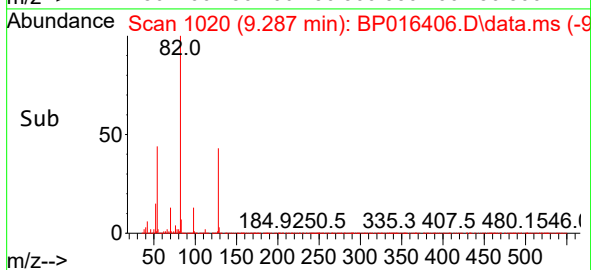
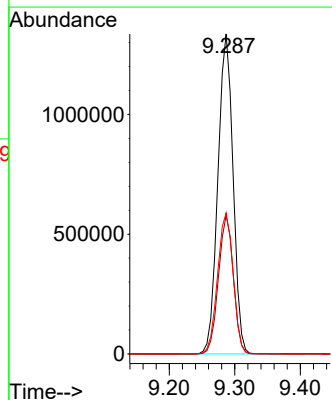
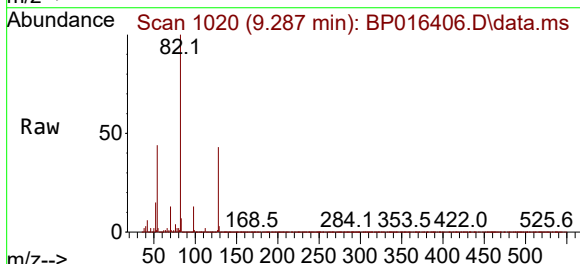
Instrument :
BNA_P
ClientSampleId :
FB02

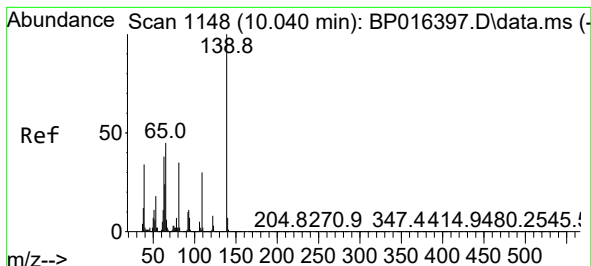
Tgt Ion:136 Resp: 1250634
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 7.6 5.6 8.4
68 6.3 4.6 6.8



#23
Nitrobenzene-d5
Concen: 95.515 ng
RT: 9.287 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BP016406.D
Acq: 27 Jul 2023 18:30

Tgt Ion: 82 Resp: 2133936
Ion Ratio Lower Upper
82 100
128 43.3 36.6 55.0
54 44.1 34.5 51.7

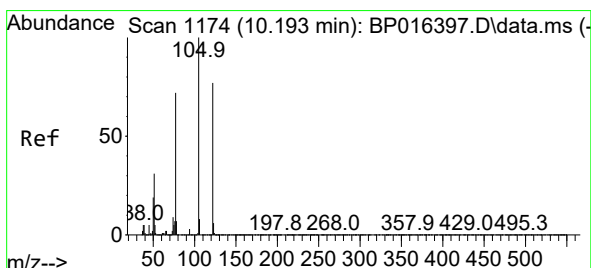
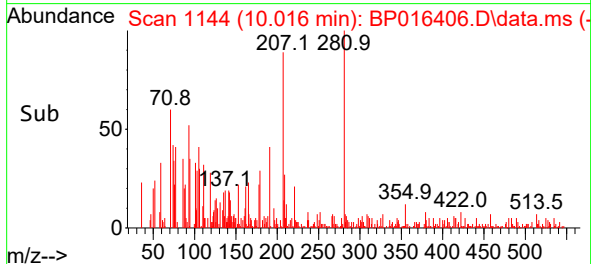
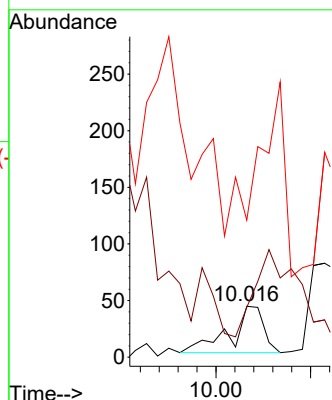
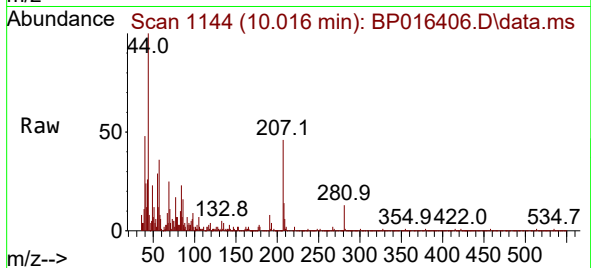




#26
2-Nitrophenol
Concen: 3.130 ng
RT: 10.016 min Scan# 1144
Delta R.T. -0.024 min
Lab File: BP016406.D
Acq: 27 Jul 2023 18:30

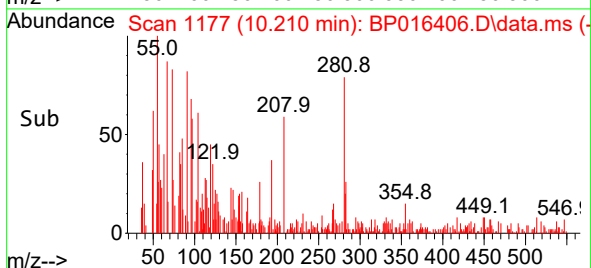
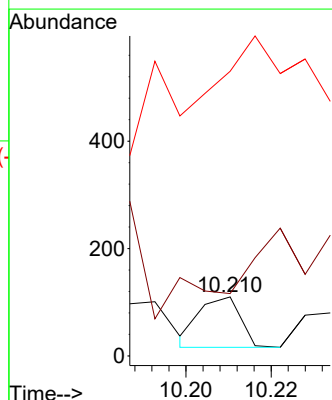
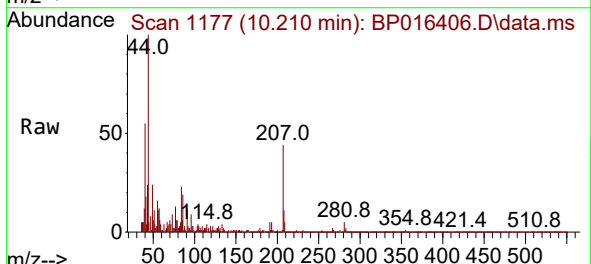
Instrument :
BNA_P
ClientSampleId :
FB02

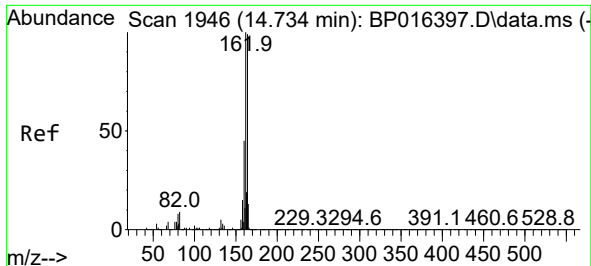
Tgt Ion:139 Resp: 50
Ion Ratio Lower Upper
139 100
109 97.8 24.2 36.4#
65 268.9 35.8 53.6#



#32
Benzoic acid
Concen: 6.290 ng
RT: 10.210 min Scan# 1177
Delta R.T. 0.017 min
Lab File: BP016406.D
Acq: 27 Jul 2023 18:30

Tgt Ion:122 Resp: 62
Ion Ratio Lower Upper
122 100
105 105.5 105.2 145.2
77 481.8 72.2 112.2#

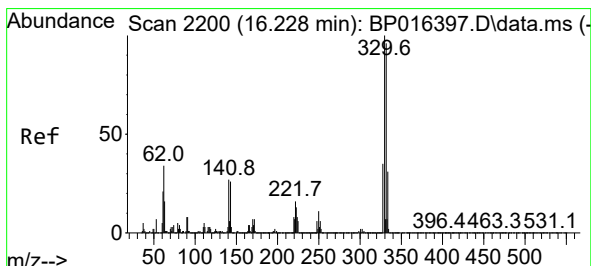
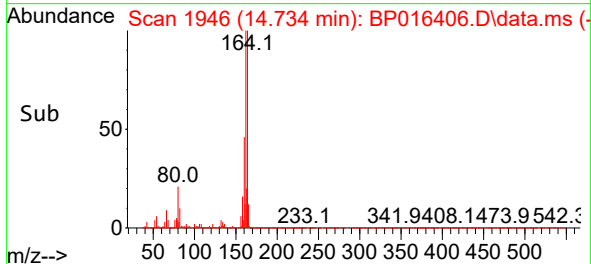
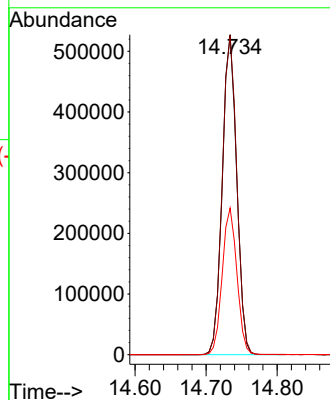
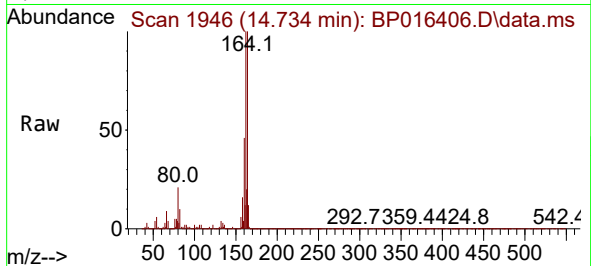




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.734 min Scan# 1946
Delta R.T. -0.000 min
Lab File: BP016406.D
Acq: 27 Jul 2023 18:30

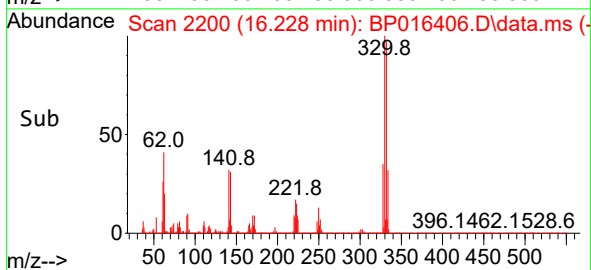
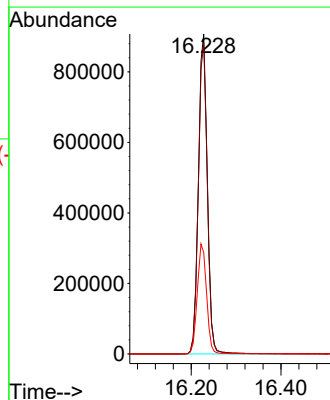
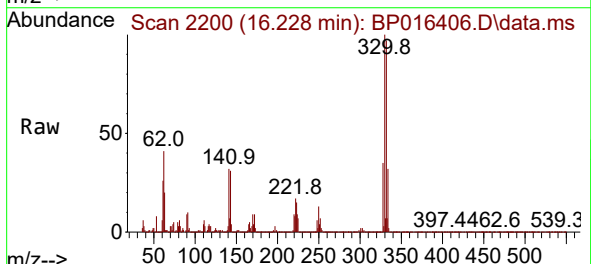
Instrument :
BNA_P
ClientSampleId :
FB02

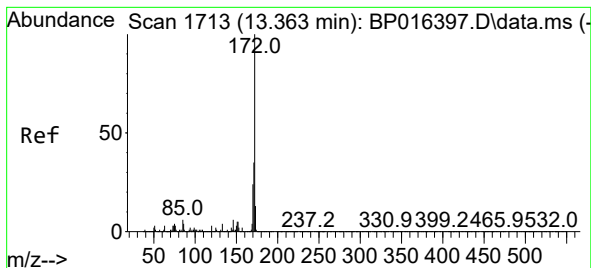
Tgt Ion:164 Resp: 739715
Ion Ratio Lower Upper
164 100
162 99.8 81.0 121.6
160 45.8 36.6 55.0



#42
2,4,6-Tribromophenol
Concen: 115.513 ng
RT: 16.228 min Scan# 2200
Delta R.T. -0.000 min
Lab File: BP016406.D
Acq: 27 Jul 2023 18:30

Tgt Ion:330 Resp: 1257043
Ion Ratio Lower Upper
330 100
332 97.1 77.8 116.8
141 35.7 22.6 34.0#





#45

2-Fluorobiphenyl

Concen: 93.079 ng

RT: 13.363 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP016406.D

Acq: 27 Jul 2023 18:30

Instrument :

BNA_P

ClientSampleId :

FB02

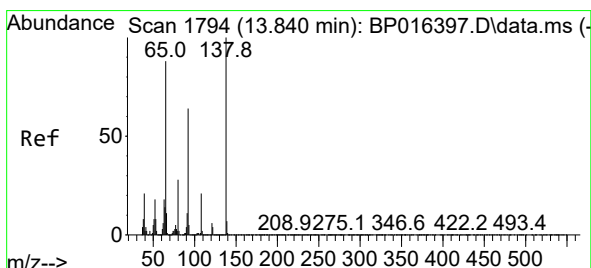
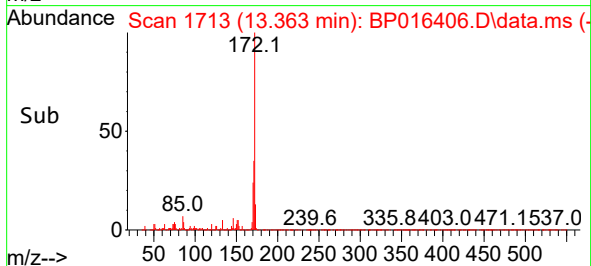
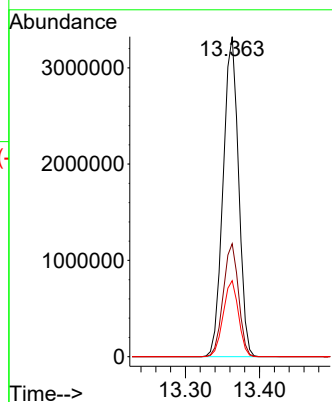
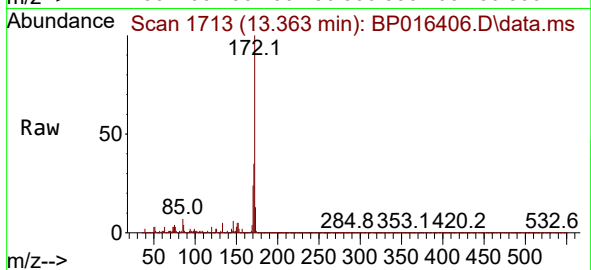
Tgt Ion:172 Resp: 4802473

Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.2

170 23.8 19.1 28.7



#48

2-Nitroaniline

Concen: 12.328 ng

RT: 13.598 min Scan# 1753

Delta R.T. -0.241 min

Lab File: BP016406.D

Acq: 27 Jul 2023 18:30

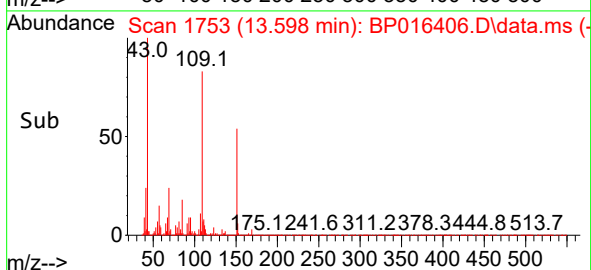
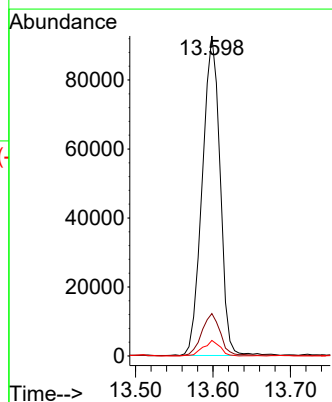
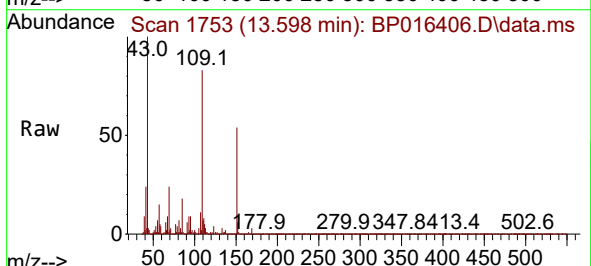
Tgt Ion: 65 Resp: 147828

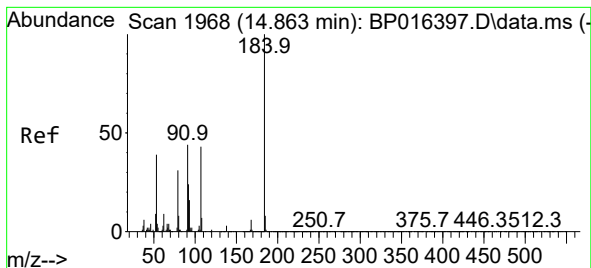
Ion Ratio Lower Upper

65 100

92 13.3 58.2 87.4#

138 4.9 91.3 136.9#





#54

2,4-Dinitrophenol

Concen: 8.004 ng

RT: 14.869 min Scan# 1968

Delta R.T. 0.006 min

Lab File: BP016406.D

Acq: 27 Jul 2023 18:30

Instrument :

BNA_P

ClientSampleId :

FB02

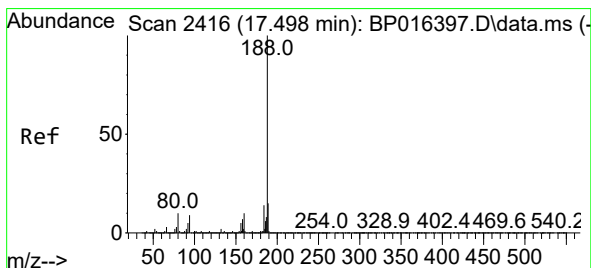
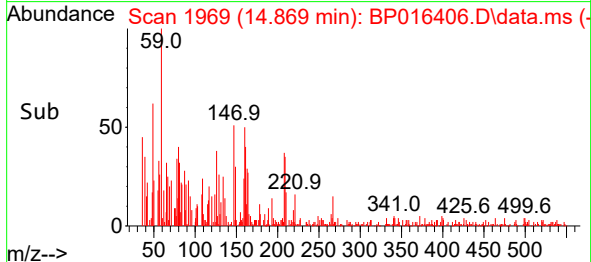
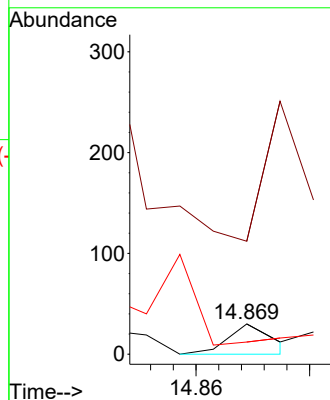
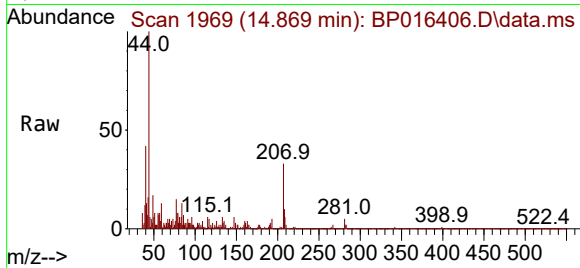
Tgt Ion:184 Resp: 17

Ion Ratio Lower Upper

184 100

63 254.5 48.2 72.4#

154 27.3 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: BP016406.D

Acq: 27 Jul 2023 18:30

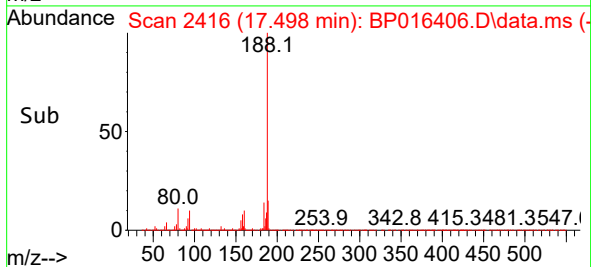
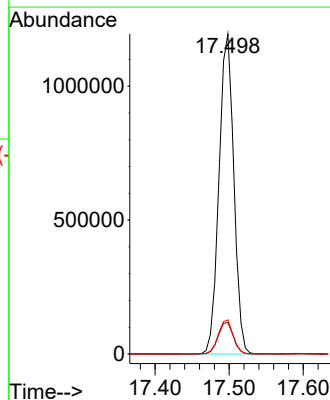
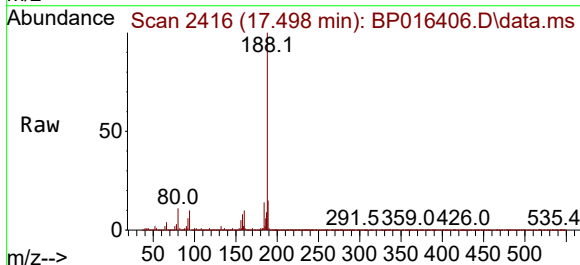
Tgt Ion:188 Resp: 1659333

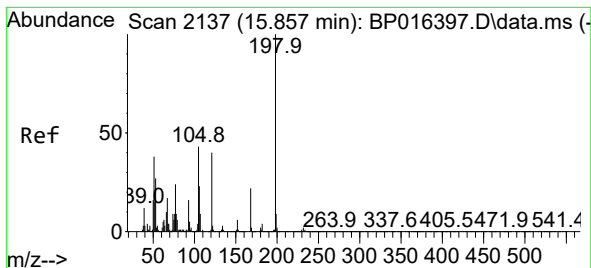
Ion Ratio Lower Upper

188 100

94 9.8 7.4 11.0

80 10.7 7.8 11.8

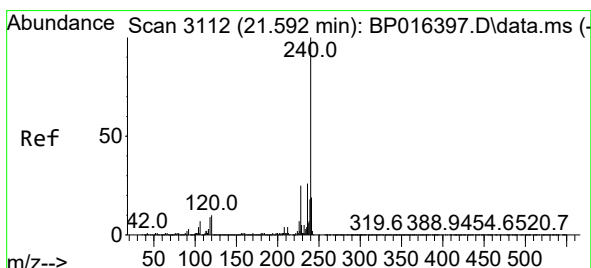
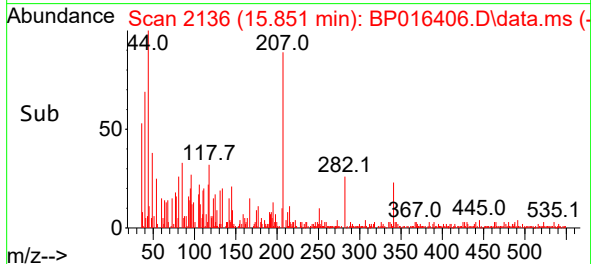
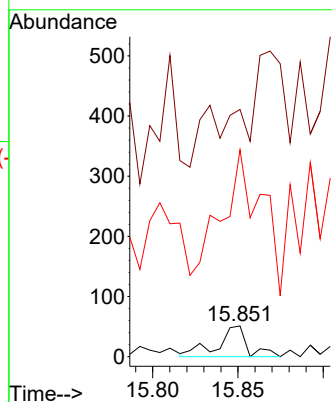
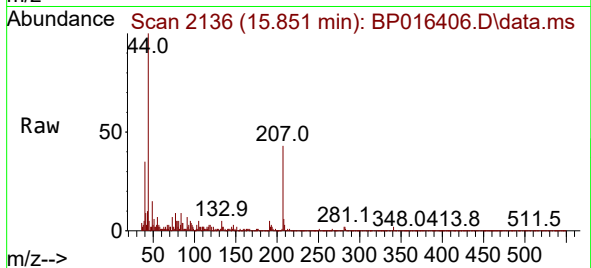




#65
4,6-Dinitro-2-methylphenol
Concen: 6.308 ng
RT: 15.851 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BP016406.D
Acq: 27 Jul 2023 18:30

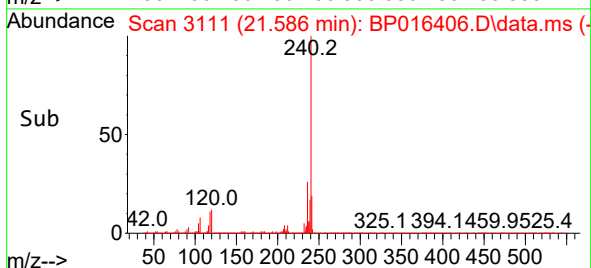
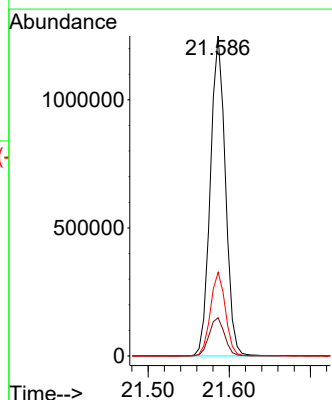
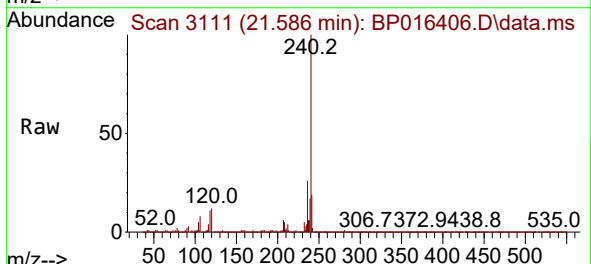
Instrument :
BNA_P
ClientSampleId :
FB02

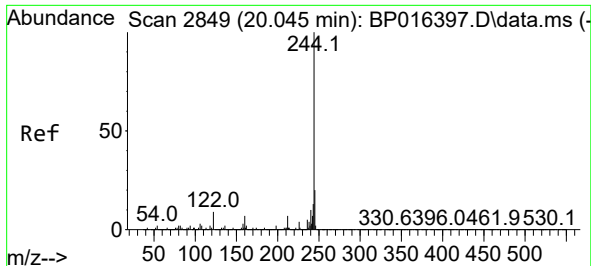
Tgt Ion:198 Resp: 62
Ion Ratio Lower Upper
198 100
51 805.9 20.1 60.1#
105 674.5 23.1 63.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.586 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BP016406.D
Acq: 27 Jul 2023 18:30

Tgt Ion:240 Resp: 1604796
Ion Ratio Lower Upper
240 100
120 11.9 7.9 11.9#
236 26.1 21.1 31.7

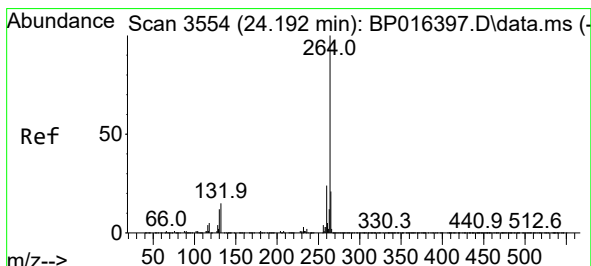
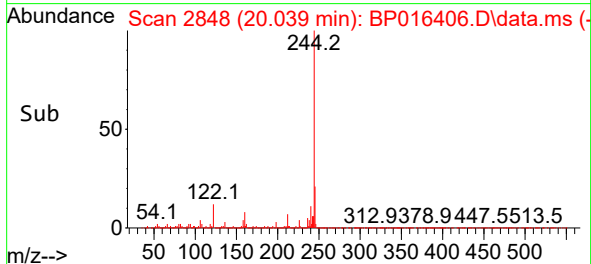
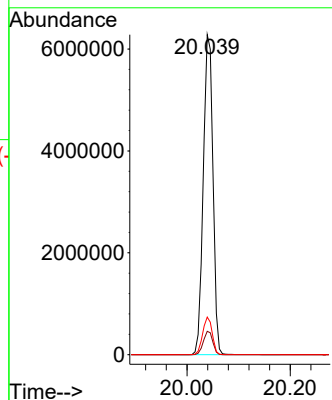
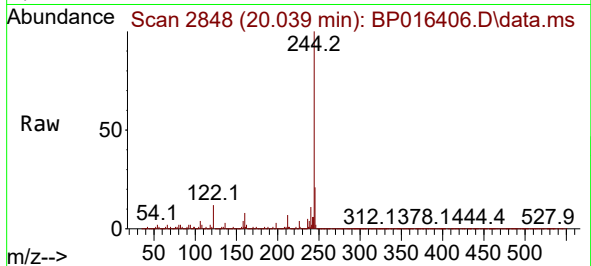




#79
 Terphenyl-d14
 Concen: 107.246 ng
 RT: 20.039 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP016406.D
 Acq: 27 Jul 2023 18:30

Instrument :
 BNA_P
 ClientSampleId :
 FB02

Tgt Ion:244 Resp: 8147404
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.6 8.4
 122 11.8 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: BP016406.D
 Acq: 27 Jul 2023 18:30

Tgt Ion:264 Resp: 1852404
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.3 28.9
 265 22.1 17.4 26.0

