

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080123\
 Data File : BP016446.D
 Acq On : 01 Aug 2023 09:23
 Operator : MA/JU
 Sample : 03769-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B-P39C

Quant Time: Aug 01 15:47:44 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)

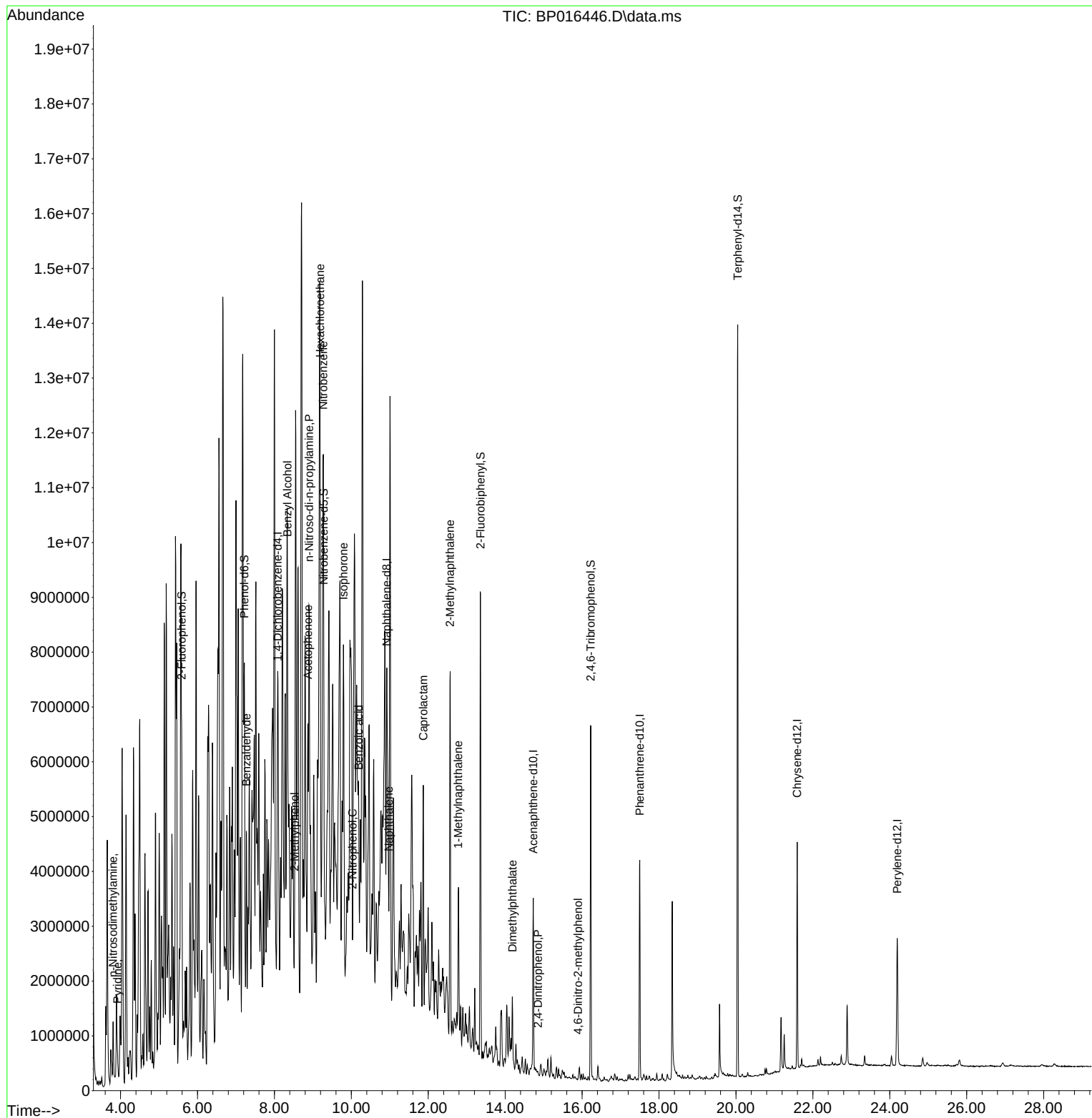
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	377109	20.000	ng	#-0.01
21) Naphthalene-d8	10.916	136	1635064	20.000	ng	#-0.01
39) Acenaphthene-d10	14.728	164	1072445	20.000	ng	0.00
64) Phenanthrene-d10	17.498	188	2410579	20.000	ng	0.00
76) Chrysene-d12	21.592	240	1881680	20.000	ng	0.00
86) Perylene-d12	24.192	264	1829666	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	2362196	102.191	ng	-0.02
7) Phenol-d6	7.216	99	3065877	96.765	ng	-0.01
23) Nitrobenzene-d5	9.281	82	1738190	59.509	ng	-0.01
42) 2,4,6-Tribromophenol	16.222	330	1185034	75.110	ng	0.00
45) 2-Fluorobiphenyl	13.357	172	4389412	58.679	ng	0.00
79) Terphenyl-d14	20.045	244	6503334	73.008	ng	0.00
Target Compounds						
						Qvalue
3) Pyridine	3.916	79	67243	2.495	ng	# 53
4) n-Nitrosodimethylamine	3.805	42	90111	8.869	ng	# 1
9) Benzaldehyde	7.269	77	231940	11.501	ng	# 1
15) Benzyl Alcohol	8.340	79	141012	6.514	ng	# 60
17) 2-Methylphenol	8.522	107	48248	2.176	ng	# 1
18) Hexachloroethane	9.187	117	1438927	152.847	ng	# 1
19) n-Nitroso-di-n-propyla...	8.904	70	91531	4.611	ng	# 78
22) Acetophenone	8.869	105	3198584	77.481	ng	# 57
24) Nitrobenzene	9.269	77	322863	10.762	ng	# 34
25) Isophorone	9.793	82	555337	9.417	ng	# 1
26) 2-Nitrophenol	10.034	139	12825	4.053	ng	# 1
31) Naphthalene	10.969	128	863113	10.092	ng	# 93
32) Benzoic acid	10.193	122	9937	6.785	ng	# 1
35) Caprolactam	11.869	113	139558	15.469	ng	# 14
37) 2-Methylnaphthalene	12.569	142	3184709	51.257	ng	99
38) 1-Methylnaphthalene	12.781	142	1267551	21.761	ng	98
50) Dimethylphthalate	14.186	163	756061	9.047	ng	99
54) 2,4-Dinitrophenol	14.851	184	349	8.041	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.892	198	412	6.333	ng	# 1

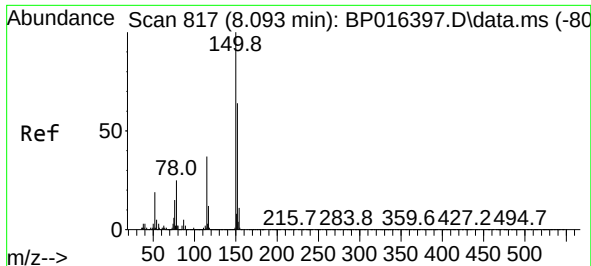
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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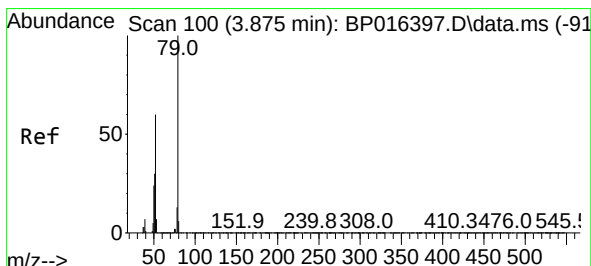
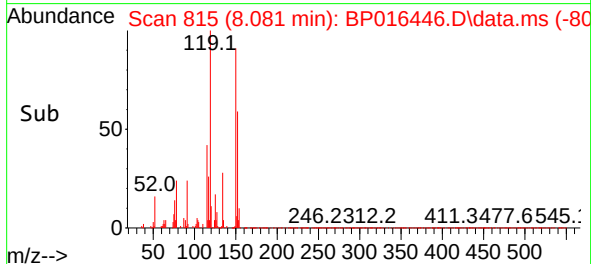
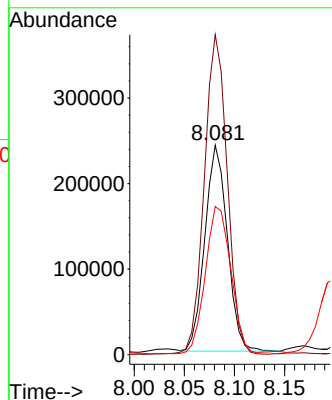
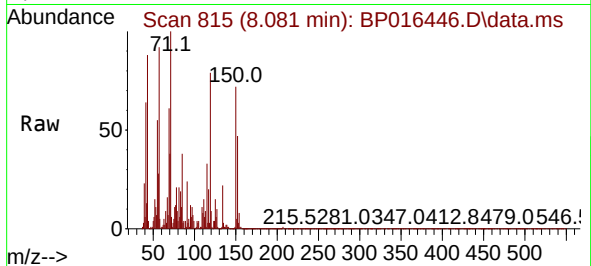




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.081 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP016446.D
Acq: 01 Aug 2023 09:23

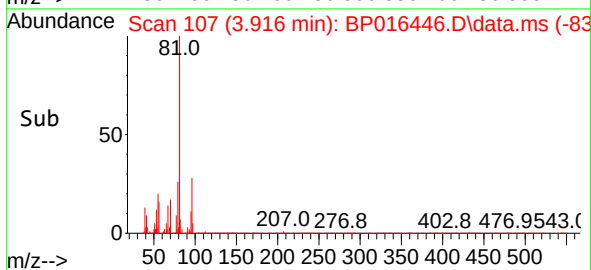
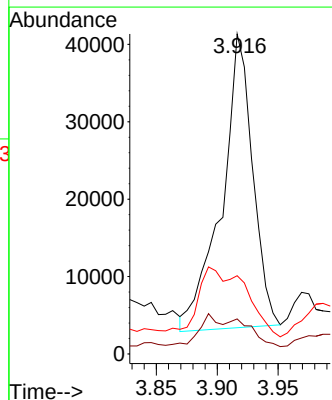
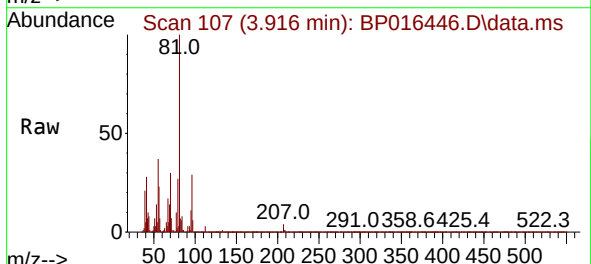
Instrument :
BNA_P
ClientSampleId :
B-P39C

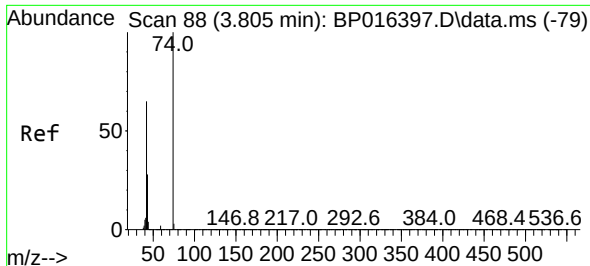
Tgt Ion:152 Resp: 377109
Ion Ratio Lower Upper
152 100
150 152.8 124.9 187.3
115 70.8 46.8 70.2#



#3
Pyridine
Concen: 2.495 ng
RT: 3.916 min Scan# 107
Delta R.T. 0.041 min
Lab File: BP016446.D
Acq: 01 Aug 2023 09:23

Tgt Ion: 79 Resp: 67243
Ion Ratio Lower Upper
79 100
52 10.9 47.9 71.9#
51 24.5 24.4 36.6

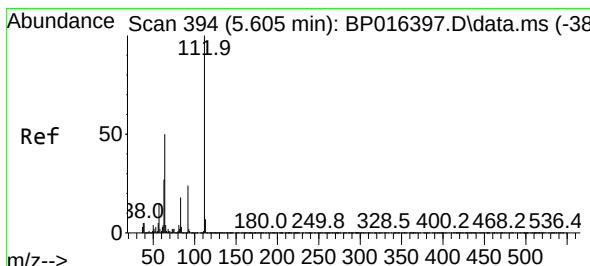
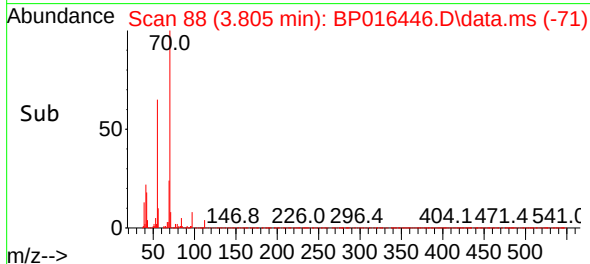
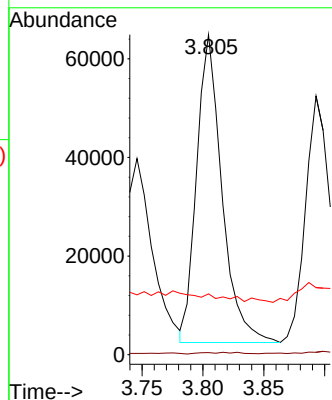
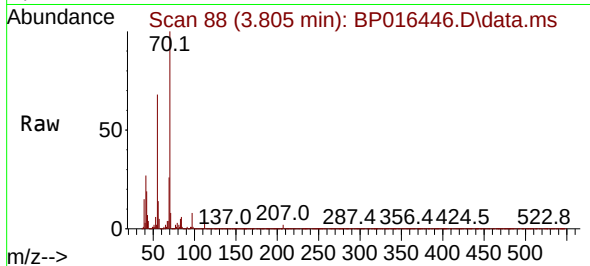




#4
 n-Nitrosodimethylamine
 Concen: 8.869 ng
 RT: 3.805 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BP016446.D
 Acq: 01 Aug 2023 09:23

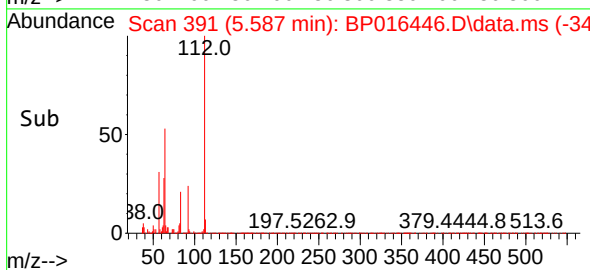
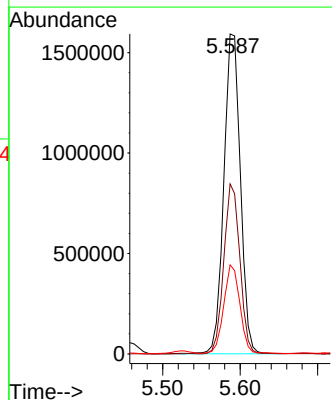
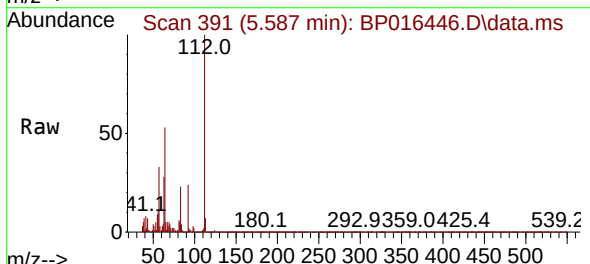
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 ClientSampleId :
 B-P39C

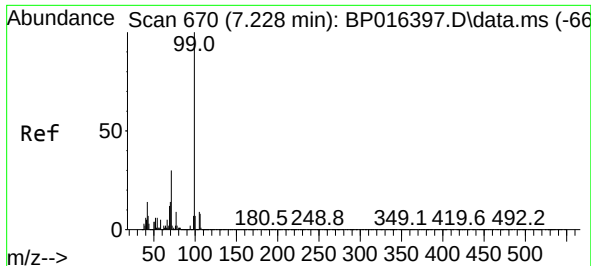
Tgt Ion: 42 Resp: 90111
 Ion Ratio Lower Upper
 42 100
 74 0.7 123.8 185.8#
 44 19.0 5.5 8.3#



#5
 2-Fluorophenol
 Concen: 102.191 ng
 RT: 5.587 min Scan# 391
 Delta R.T. -0.018 min
 Lab File: BP016446.D
 Acq: 01 Aug 2023 09:23

Tgt Ion: 112 Resp: 2362196
 Ion Ratio Lower Upper
 112 100
 64 53.2 40.0 60.0
 63 27.8 21.2 31.8

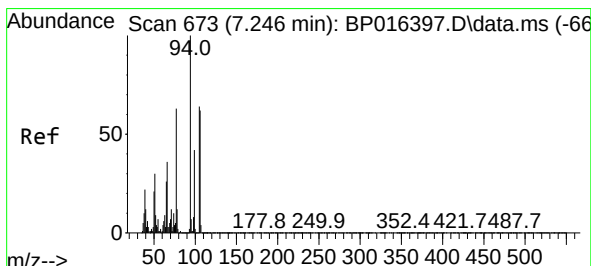
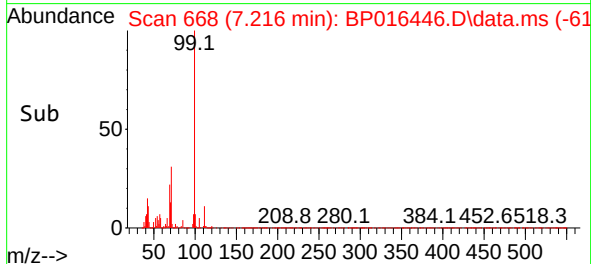
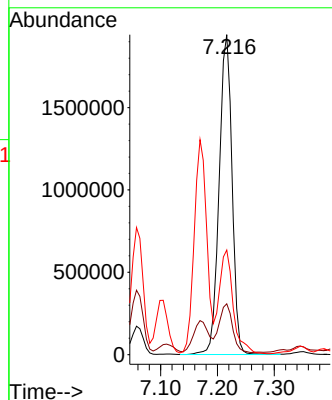
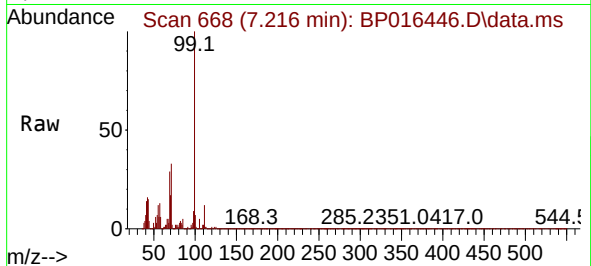




#7
Phenol-d6
Concen: 96.765 ng
RT: 7.216 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP016446.D
Acq: 01 Aug 2023 09:23

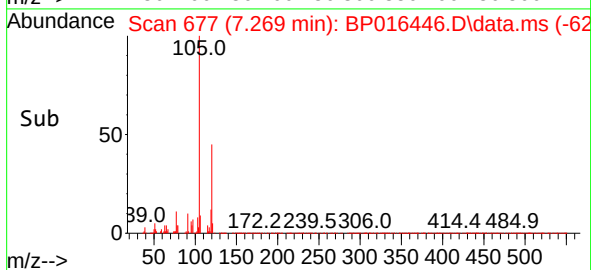
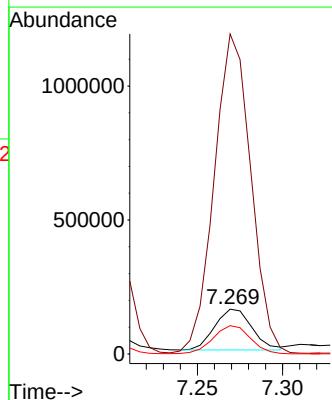
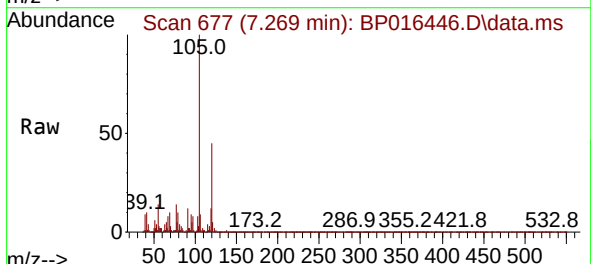
Instrument :
BNA_P
ClientSampleId :
B-P39C

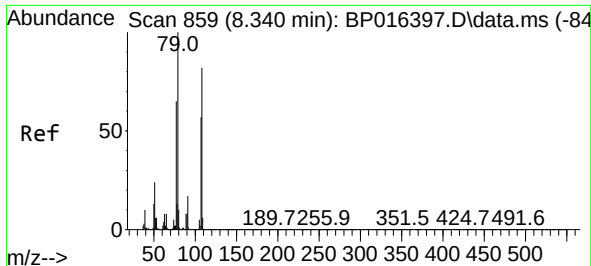
Tgt Ion: 99 Resp: 3065877
Ion Ratio Lower Upper
99 100
42 15.9 11.6 17.4
71 32.7 24.3 36.5



#9
Benzaldehyde
Concen: 11.501 ng
RT: 7.269 min Scan# 677
Delta R.T. 0.023 min
Lab File: BP016446.D
Acq: 01 Aug 2023 09:23

Tgt Ion: 77 Resp: 231940
Ion Ratio Lower Upper
77 100
105 713.5 81.9 121.9#
106 63.3 78.8 118.8#

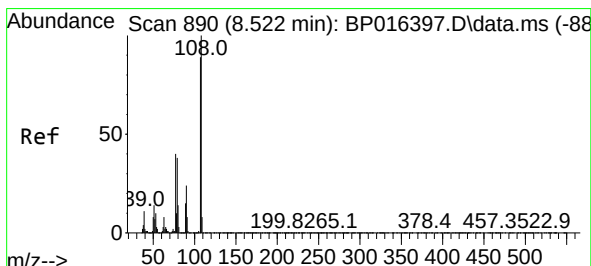
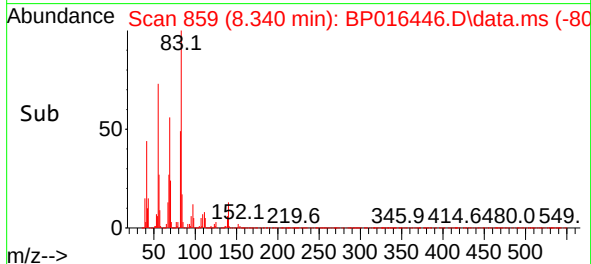
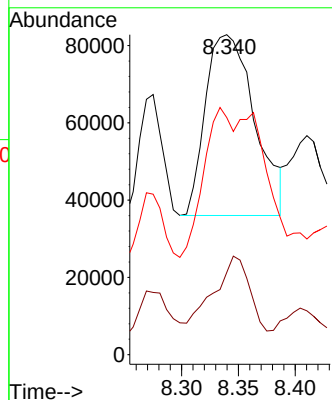
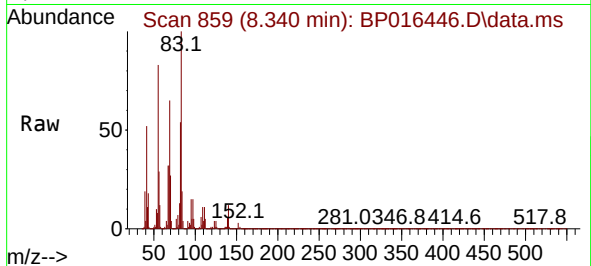




#15
Benzyl Alcohol
Concen: 6.514 ng
RT: 8.340 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP016446.D
Acq: 01 Aug 2023 09:23

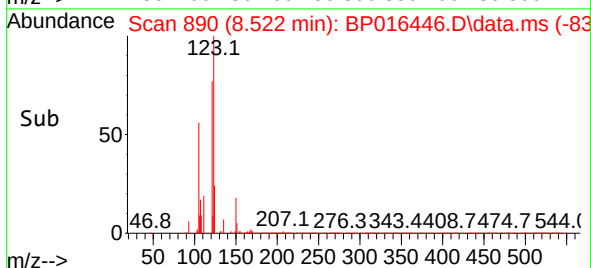
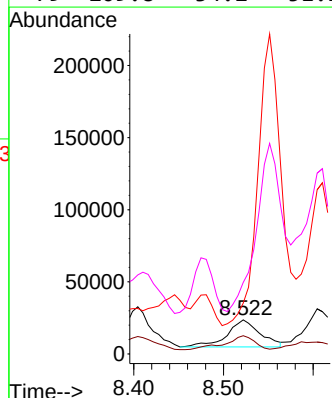
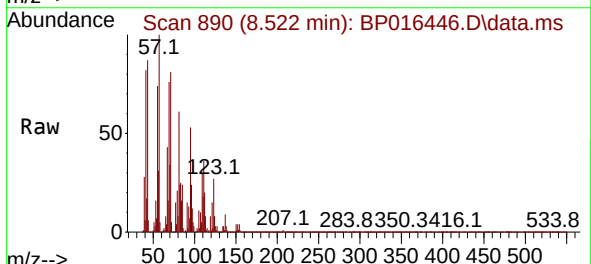
Instrument :
BNA_P
ClientSampleId :
B-P39C

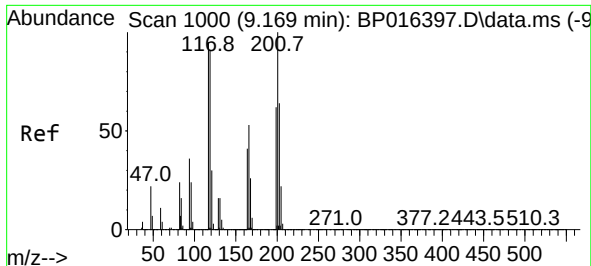
Tgt Ion: 79 Resp: 141012
Ion Ratio Lower Upper
79 100
108 25.7 65.4 98.2#
77 74.1 51.8 77.8



#17
2-Methylphenol
Concen: 2.176 ng
RT: 8.522 min Scan# 890
Delta R.T. -0.000 min
Lab File: BP016446.D
Acq: 01 Aug 2023 09:23

Tgt Ion: 107 Resp: 48248
Ion Ratio Lower Upper
107 100
108 53.5 89.6 134.4#
77 149.4 35.6 53.4#
79 209.8 34.2 51.2#

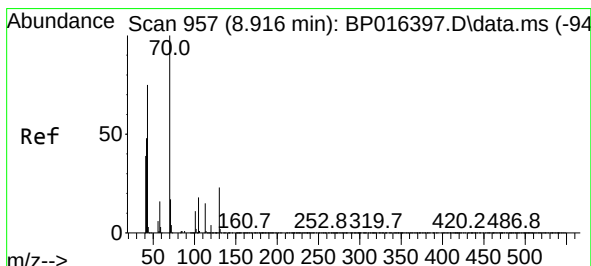
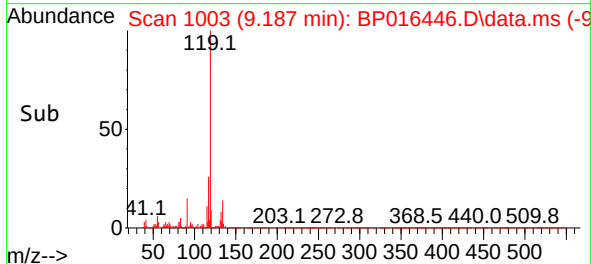
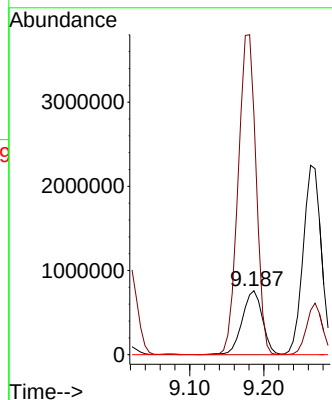
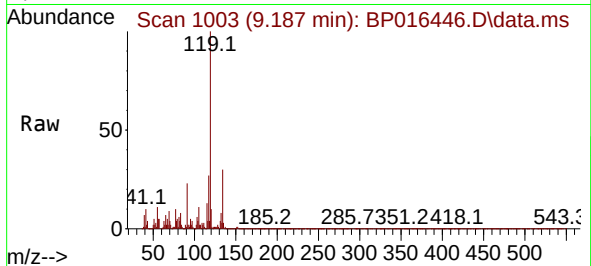




#18
Hexachloroethane
Concen: 152.847 ng
RT: 9.187 min Scan# 10
Delta R.T. 0.017 min
Lab File: BP016446.D
Acq: 01 Aug 2023 09:23

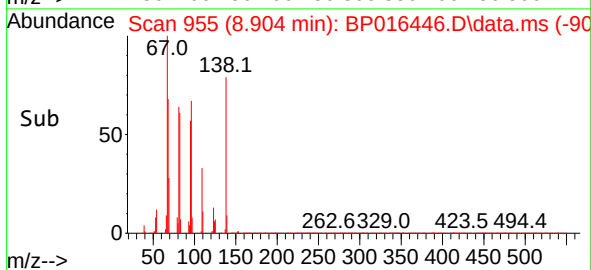
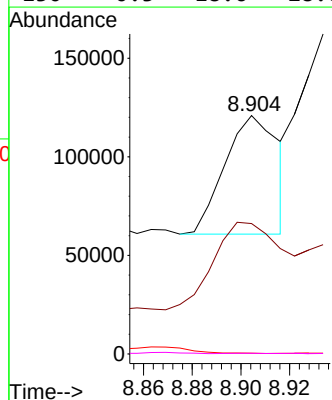
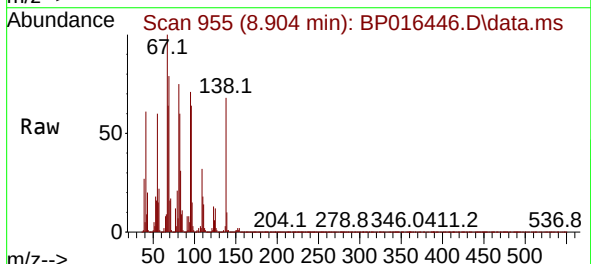
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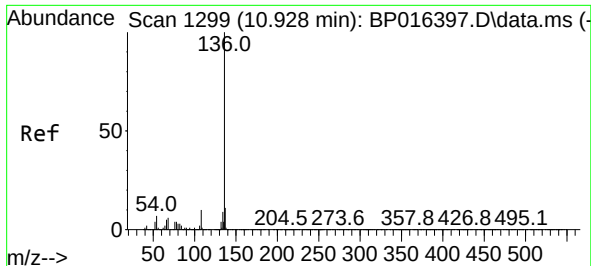
Tgt Ion:117 Resp: 1438927
Ion Ratio Lower Upper
117 100
119 374.8 76.9 115.3#
201 0.0 86.2 129.4#



#19
n-Nitroso-di-n-propylamine
Concen: 4.611 ng
RT: 8.904 min Scan# 955
Delta R.T. -0.012 min
Lab File: BP016446.D
Acq: 01 Aug 2023 09:23

Tgt Ion: 70 Resp: 91531
Ion Ratio Lower Upper
70 100
42 54.7 39.3 58.9
101 0.3 8.6 12.8#
130 0.3 18.6 28.0#

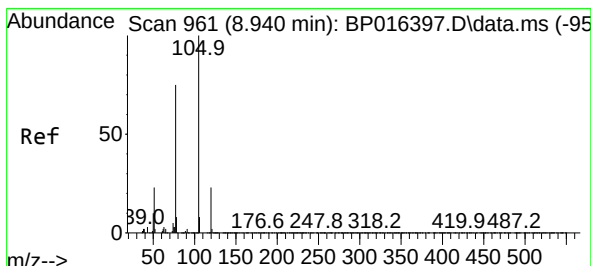
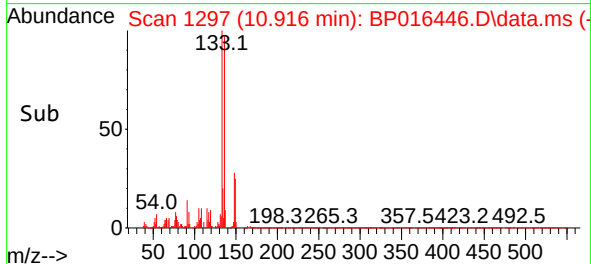
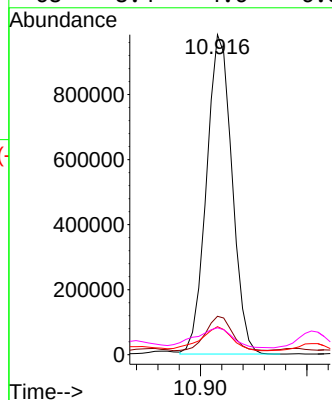
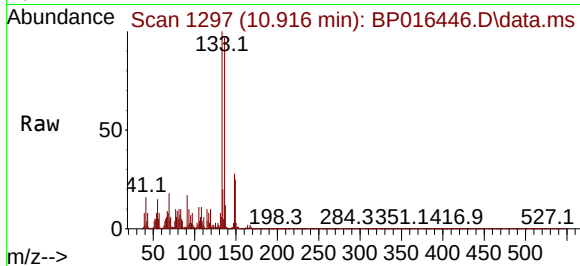




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.916 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP016446.D
Acq: 01 Aug 2023 09:23

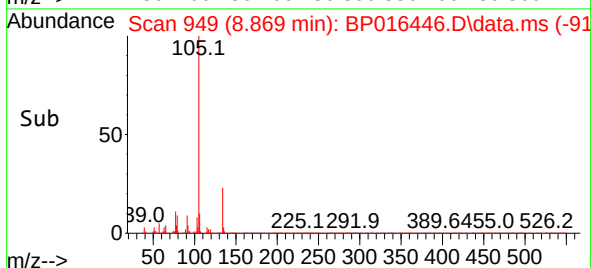
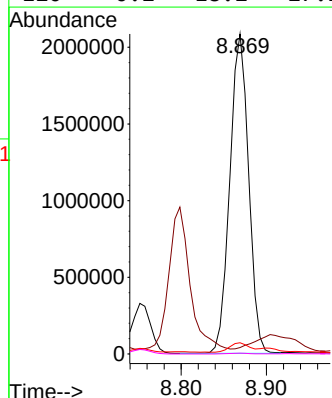
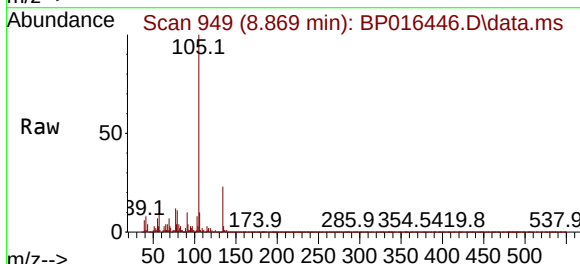
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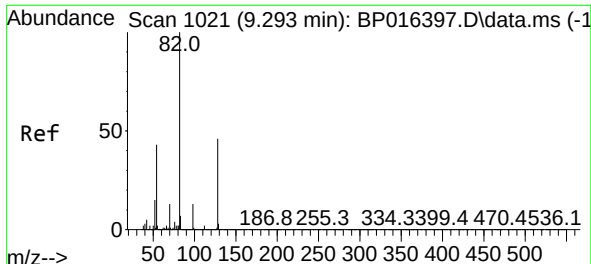
Tgt Ion:136 Resp: 1635064
Ion Ratio Lower Upper
136 100
137 12.0 8.6 13.0
54 8.7 5.6 8.4#
68 8.4 4.6 6.8#



#22
Acetophenone
Concen: 77.481 ng
RT: 8.869 min Scan# 949
Delta R.T. -0.071 min
Lab File: BP016446.D
Acq: 01 Aug 2023 09:23

Tgt Ion:105 Resp: 3198584
Ion Ratio Lower Upper
105 100
71 2.0 0.2 0.2#
51 3.5 18.3 27.5#
120 0.2 18.2 27.2#





#23

Nitrobenzene-d5

Concen: 59.509 ng

RT: 9.281 min Scan# 1019

Delta R.T. -0.012 min

Lab File: BP016446.D

Acq: 01 Aug 2023 09:23

Instrument :

BNA_P

ClientSampleId :

B-P39C

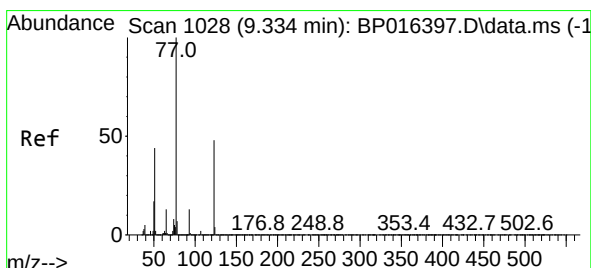
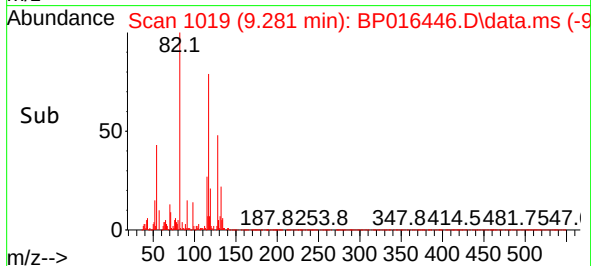
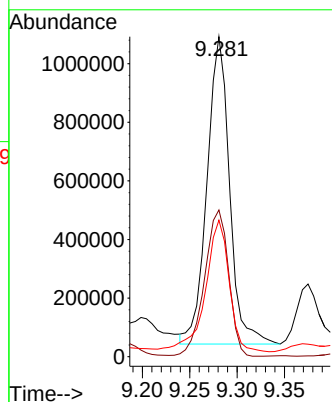
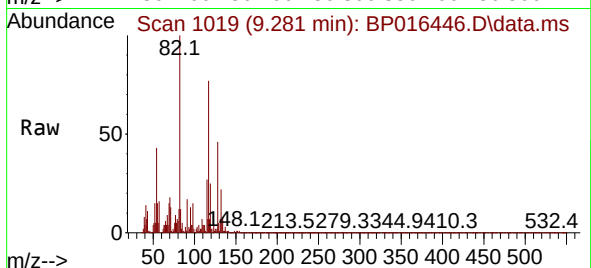
Tgt Ion: 82 Resp: 1738190

Ion Ratio Lower Upper

82 100

128 45.9 36.6 55.0

54 42.6 34.5 51.7



#24

Nitrobenzene

Concen: 10.762 ng

RT: 9.269 min Scan# 1017

Delta R.T. -0.065 min

Lab File: BP016446.D

Acq: 01 Aug 2023 09:23

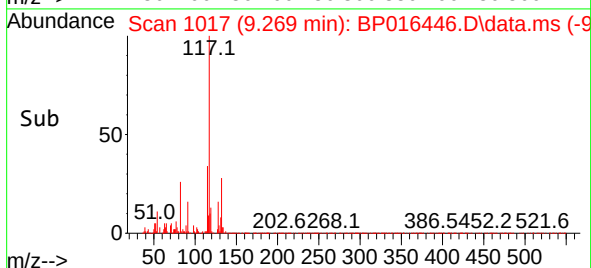
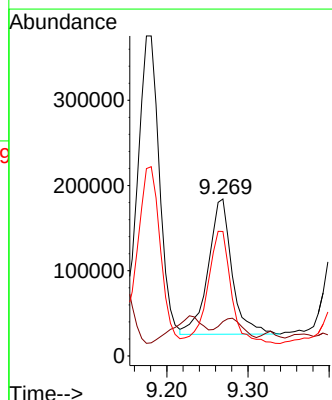
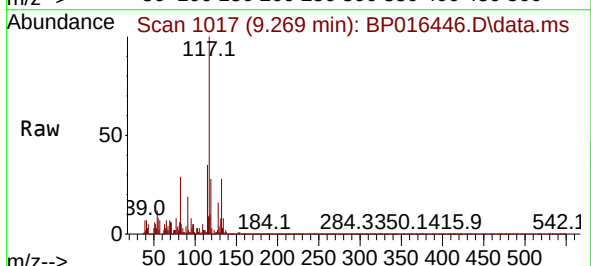
Tgt Ion: 77 Resp: 322863

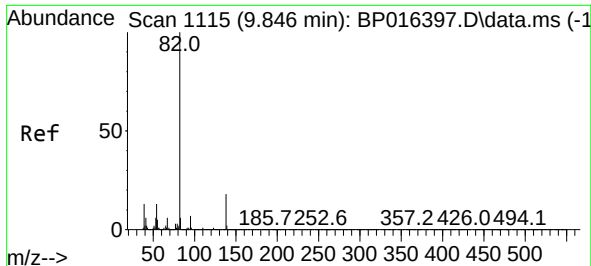
Ion Ratio Lower Upper

77 100

123 21.9 38.6 58.0#

65 79.4 10.5 15.7#

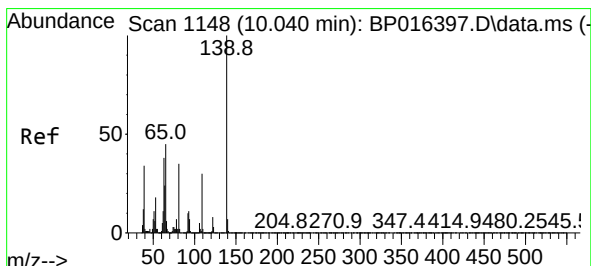
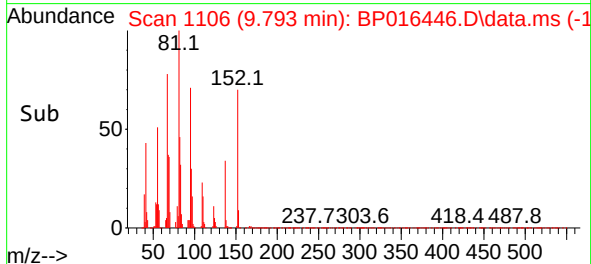
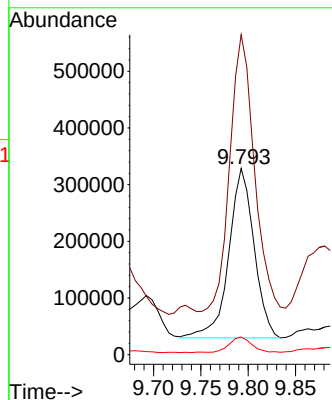
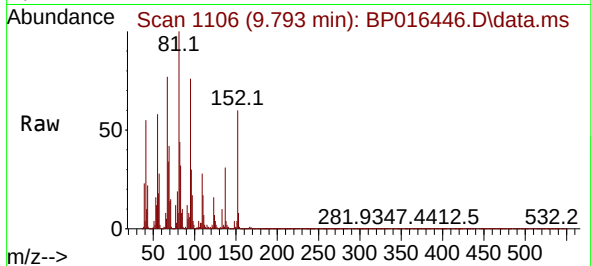




#25
Isophorone
Concen: 9.417 ng
RT: 9.793 min Scan# 1115
Delta R.T. -0.053 min
Lab File: BP016446.D
Acq: 01 Aug 2023 09:23

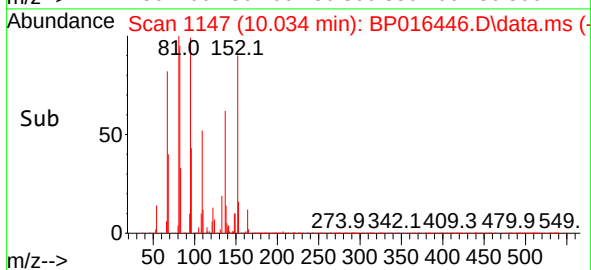
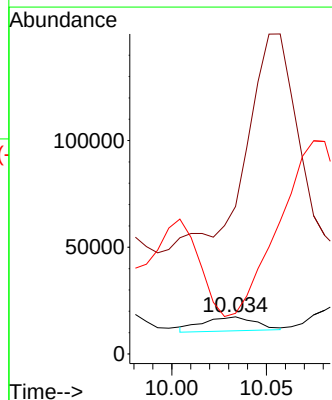
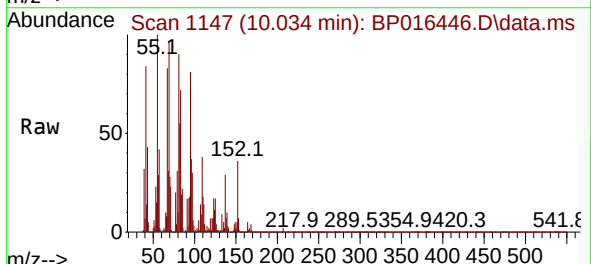
Instrument :
BNA_P
ClientSampleId :
B-P39C

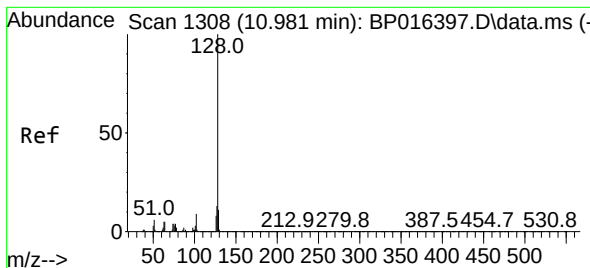
Tgt Ion: 82 Resp: 555337
Ion Ratio Lower Upper
82 100
95 171.9 5.7 8.5#
138 9.5 14.6 22.0#



#26
2-Nitrophenol
Concen: 4.053 ng
RT: 10.034 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BP016446.D
Acq: 01 Aug 2023 09:23

Tgt Ion: 139 Resp: 12825
Ion Ratio Lower Upper
139 100
109 397.7 24.2 36.4#
65 109.6 35.8 53.6#





#31

Naphthalene

Concen: 10.092 ng

RT: 10.969 min Scan# 1106

Delta R.T. -0.012 min

Lab File: BP016446.D

Acq: 01 Aug 2023 09:23

Instrument :

BNA_P

ClientSampleId :

B-P39C

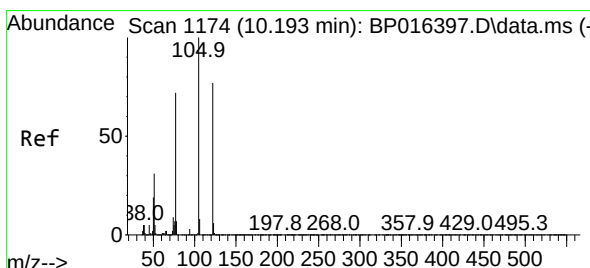
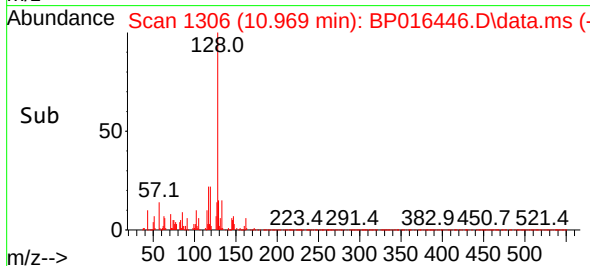
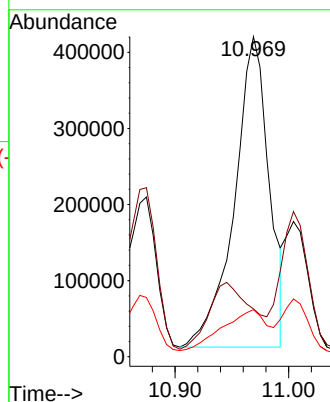
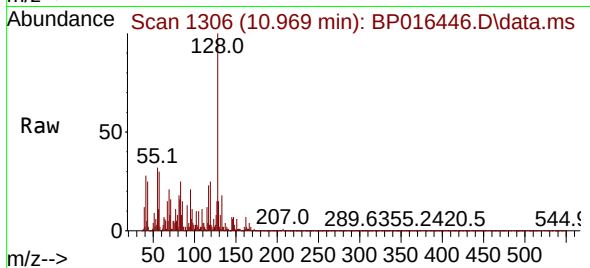
Tgt Ion:128 Resp: 863113

Ion Ratio Lower Upper

128 100

129 15.0 8.6 12.8#

127 14.7 10.4 15.6



#32

Benzoic acid

Concen: 6.785 ng

RT: 10.193 min Scan# 1174

Delta R.T. -0.000 min

Lab File: BP016446.D

Acq: 01 Aug 2023 09:23

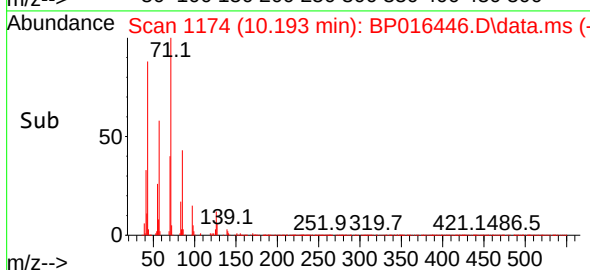
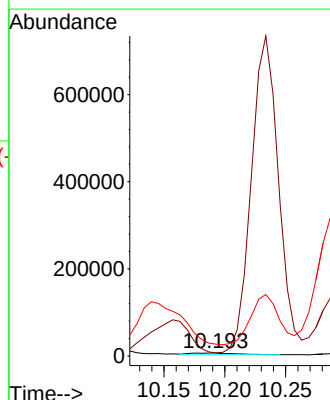
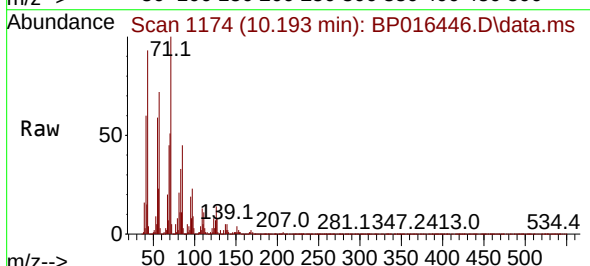
Tgt Ion:122 Resp: 9937

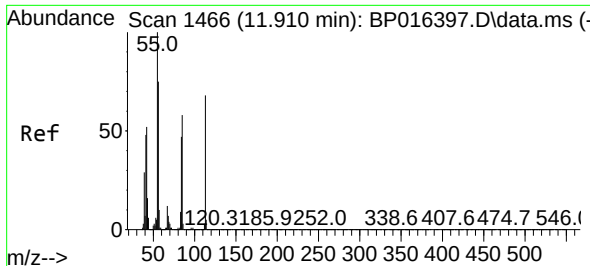
Ion Ratio Lower Upper

122 100

105 97.5 105.2 145.2#

77 385.3 72.2 112.2#

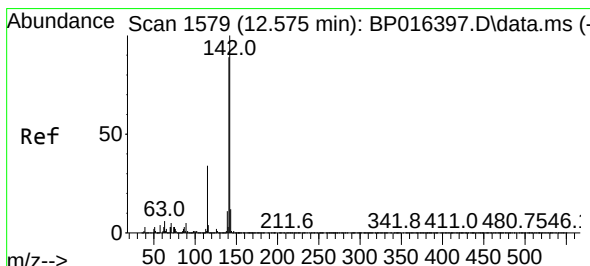
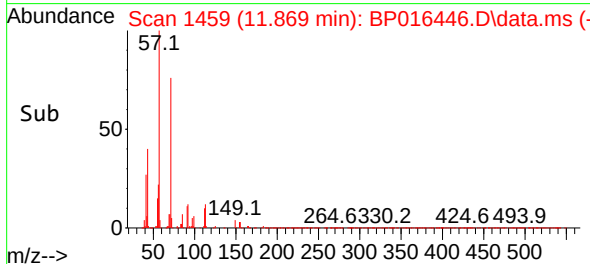
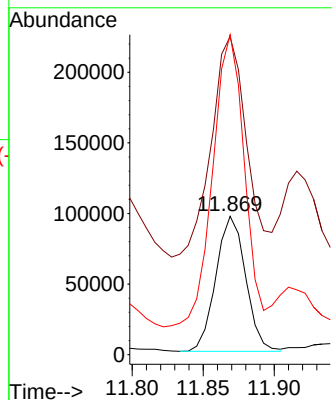
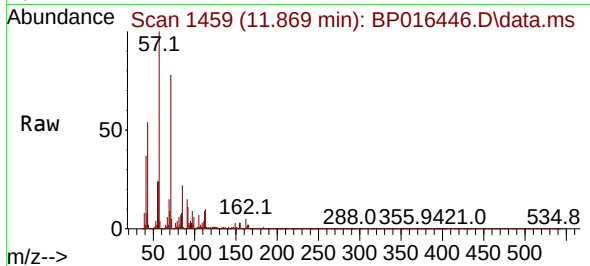




#35
Caprolactam
Concen: 15.469 ng
RT: 11.869 min Scan# 1466
Delta R.T. -0.041 min
Lab File: BP016446.D
Acq: 01 Aug 2023 09:23

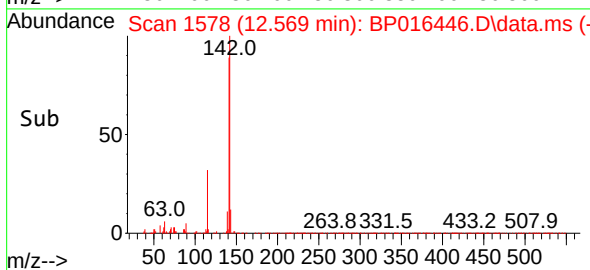
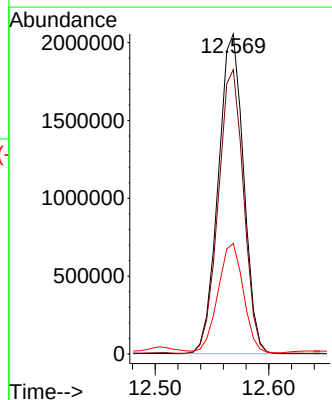
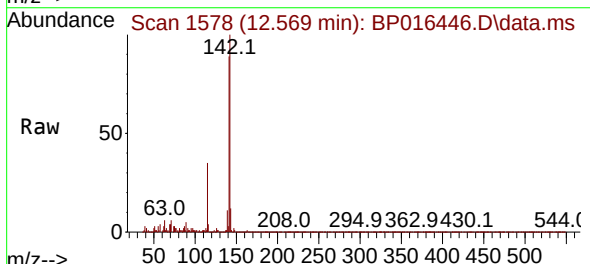
Instrument :
BNA_P
ClientSampleId :
B-P39C

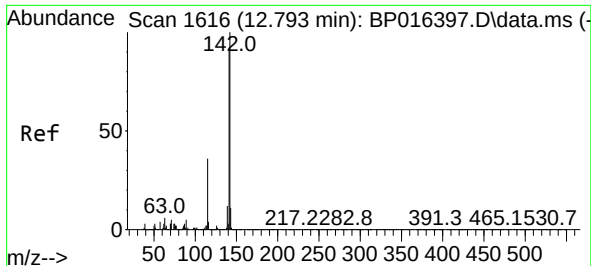
Tgt Ion:113 Resp: 139558
Ion Ratio Lower Upper
113 100
55 229.9 128.0 168.0#
56 231.3 91.3 131.3#



#37
2-Methylnaphthalene
Concen: 51.257 ng
RT: 12.569 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BP016446.D
Acq: 01 Aug 2023 09:23

Tgt Ion:142 Resp: 3184709
Ion Ratio Lower Upper
142 100
141 88.9 71.4 107.2
115 34.5 27.0 40.4

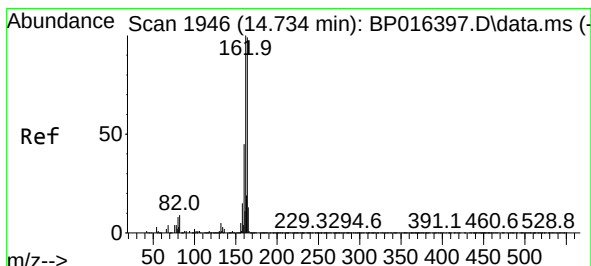
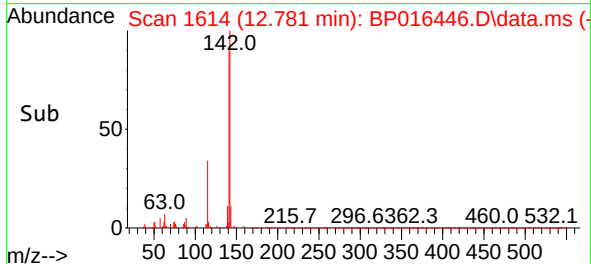
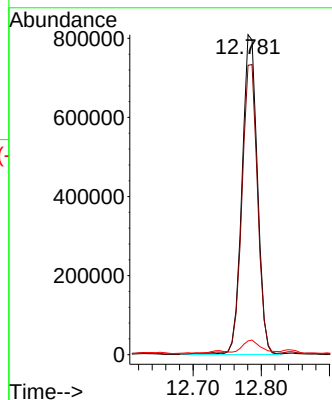
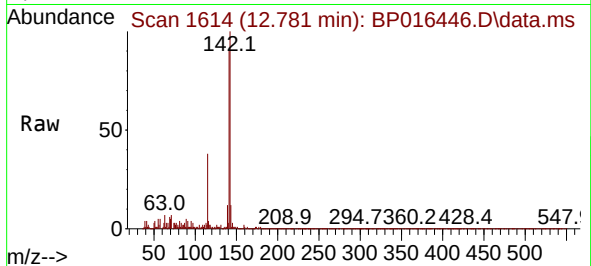




#38
1-Methylnaphthalene
Concen: 21.761 ng
RT: 12.781 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP016446.D
Acq: 01 Aug 2023 09:23

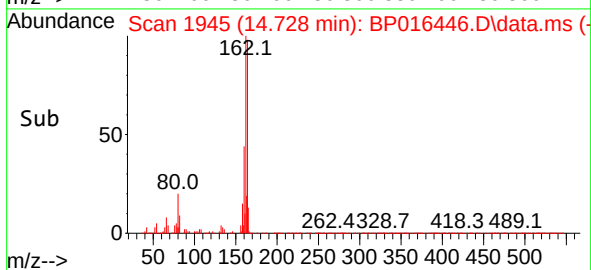
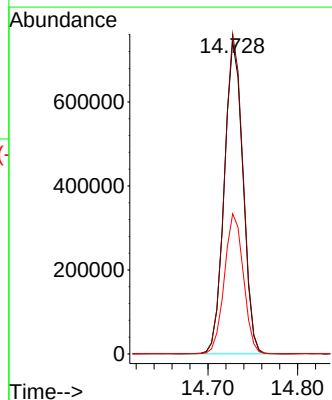
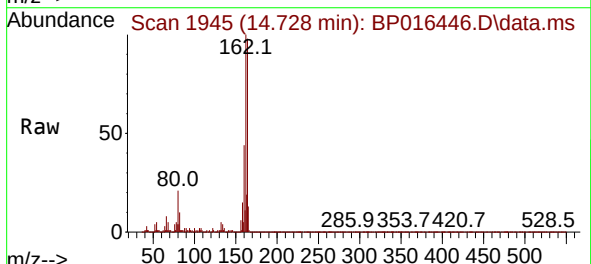
Instrument :
BNA_P
ClientSampleId :
B-P39C

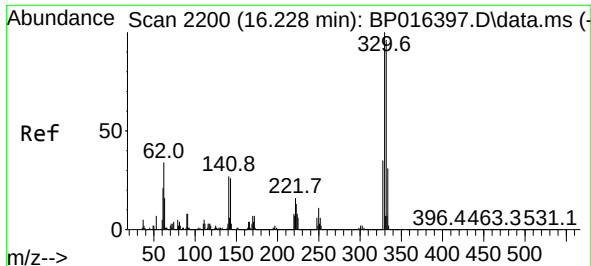
Tgt Ion:142 Resp: 1267551
Ion Ratio Lower Upper
142 100
141 90.4 73.8 110.6
116 4.3 2.9 4.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.728 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BP016446.D
Acq: 01 Aug 2023 09:23

Tgt Ion:164 Resp: 1072445
Ion Ratio Lower Upper
164 100
162 102.5 81.0 121.6
160 44.9 36.6 55.0

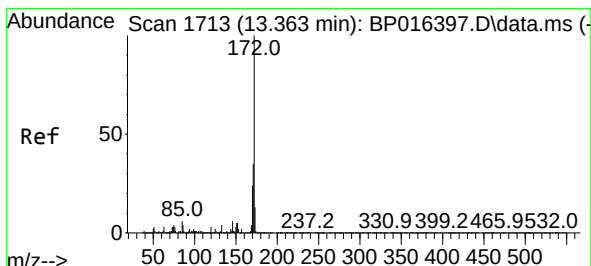
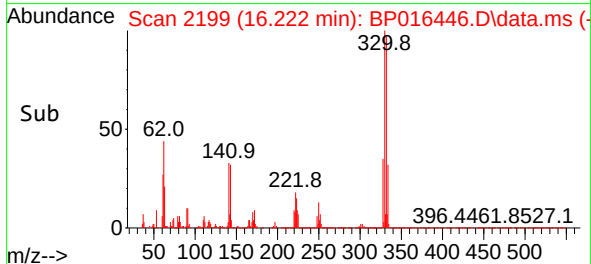
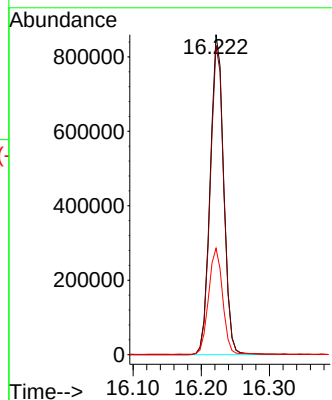
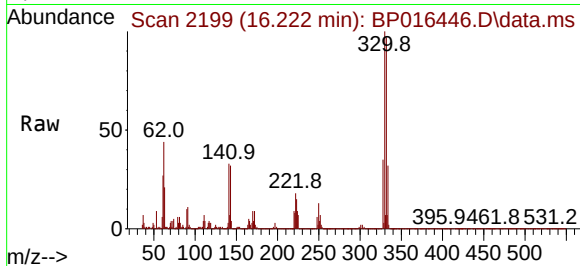




#42
2,4,6-Tribromophenol
Concen: 75.110 ng
RT: 16.222 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP016446.D
Acq: 01 Aug 2023 09:23

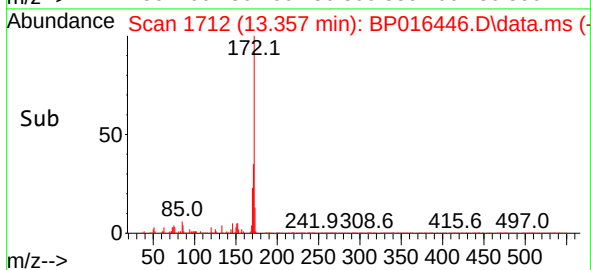
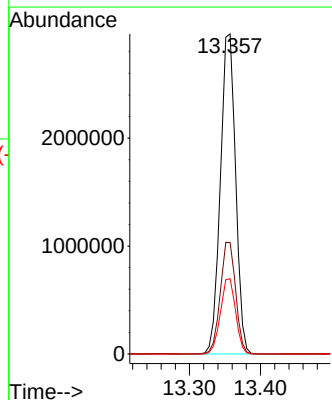
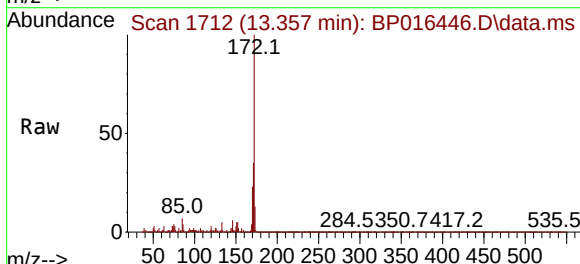
Instrument :
BNA_P
ClientSampleId :
B-P39C

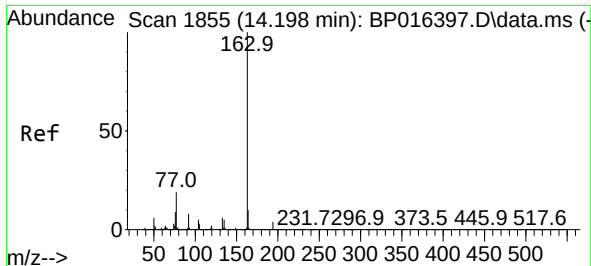
Tgt Ion:330 Resp: 1185034
Ion Ratio Lower Upper
330 100
332 97.1 77.8 116.8
141 34.3 22.6 34.0#



#45
2-Fluorobiphenyl
Concen: 58.679 ng
RT: 13.357 min Scan# 1712
Delta R.T. -0.006 min
Lab File: BP016446.D
Acq: 01 Aug 2023 09:23

Tgt Ion:172 Resp: 4389412
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.2
170 23.5 19.1 28.7

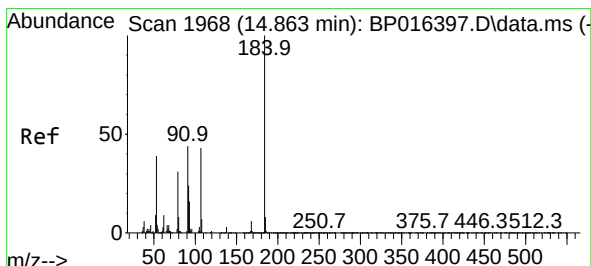
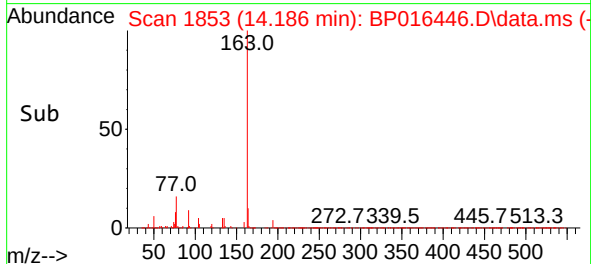
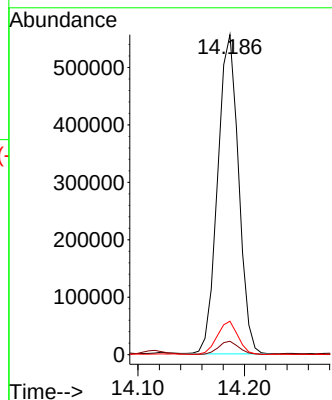
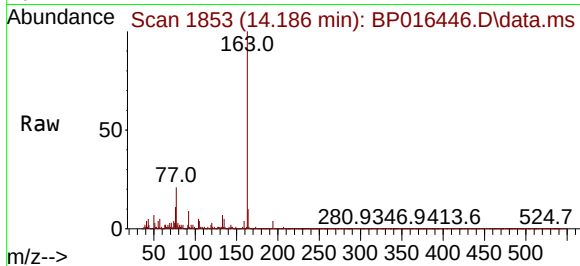




#50
Dimethylphthalate
Concen: 9.047 ng
RT: 14.186 min Scan# 1853
Delta R.T. -0.012 min
Lab File: BP016446.D
Acq: 01 Aug 2023 09:23

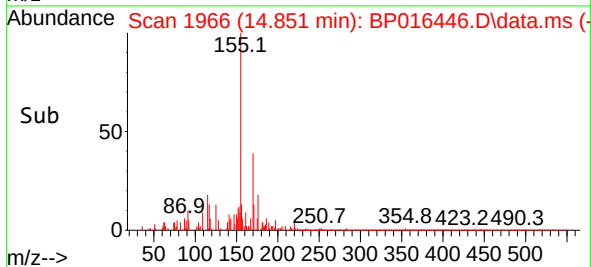
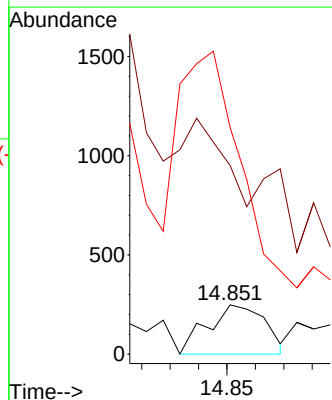
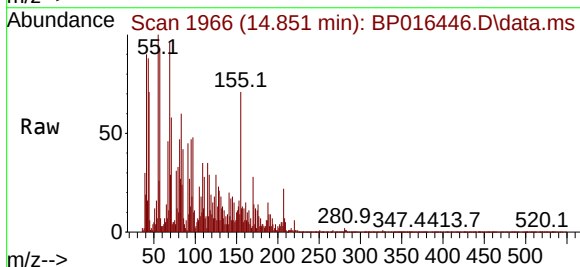
Instrument :
BNA_P
ClientSampleId :
B-P39C

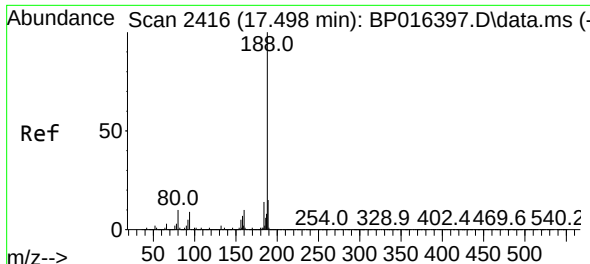
Tgt Ion:163 Resp: 756061
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 10.5 8.2 12.2



#54
2,4-Dinitrophenol
Concen: 8.041 ng
RT: 14.851 min Scan# 1966
Delta R.T. -0.012 min
Lab File: BP016446.D
Acq: 01 Aug 2023 09:23

Tgt Ion:184 Resp: 349
Ion Ratio Lower Upper
184 100
63 383.5 48.2 72.4#
154 460.5 49.6 74.4#

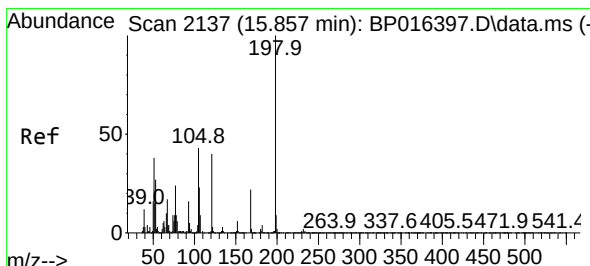
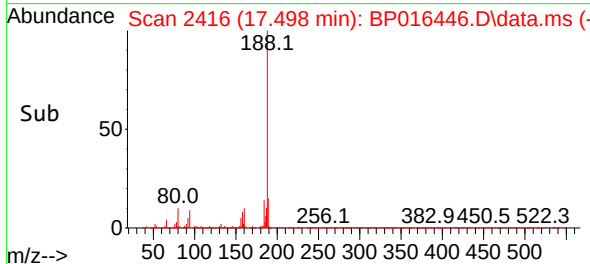
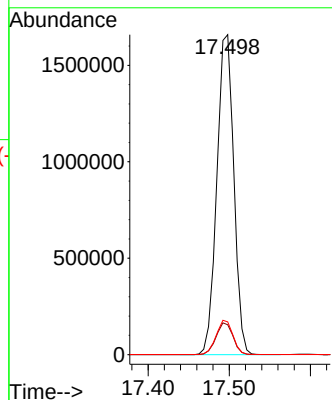
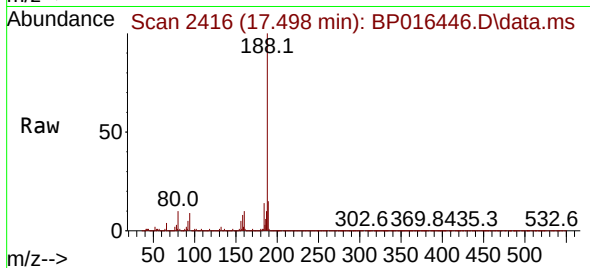




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.498 min Scan# 2416
Delta R.T. -0.000 min
Lab File: BP016446.D
Acq: 01 Aug 2023 09:23

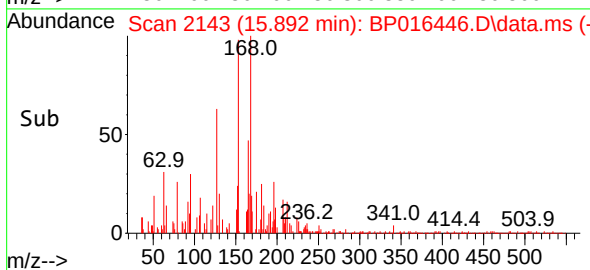
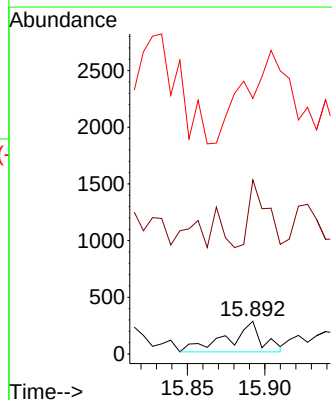
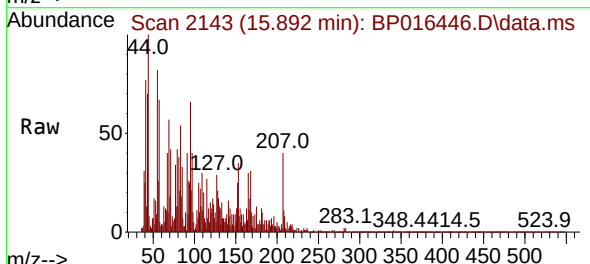
Instrument :
BNA_P
ClientSampleId :
B-P39C

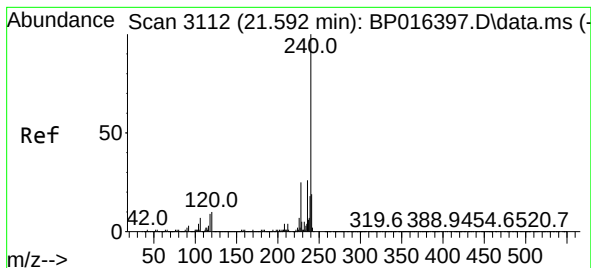
Tgt Ion:188 Resp: 2410579
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.0
80 10.3 7.8 11.8



#65
4,6-Dinitro-2-methylphenol
Concen: 6.333 ng
RT: 15.892 min Scan# 2143
Delta R.T. 0.035 min
Lab File: BP016446.D
Acq: 01 Aug 2023 09:23

Tgt Ion:198 Resp: 412
Ion Ratio Lower Upper
198 100
51 533.0 20.1 60.1#
105 782.6 23.1 63.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.592 min Scan# 3112

Delta R.T. -0.000 min

Lab File: BP016446.D

Acq: 01 Aug 2023 09:23

Instrument :

BNA_P

ClientSampleId :

B-P39C

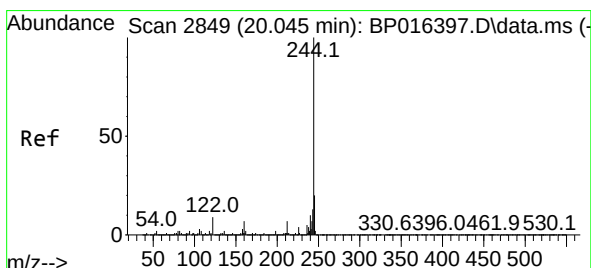
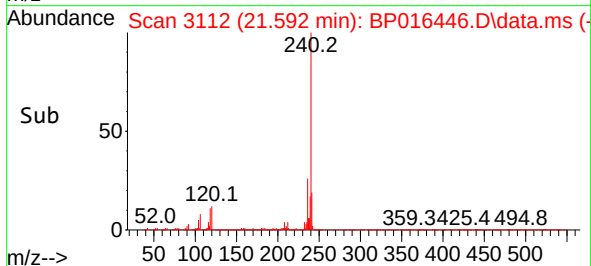
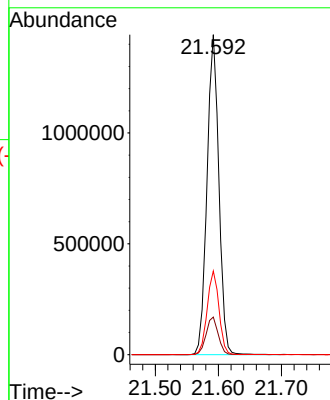
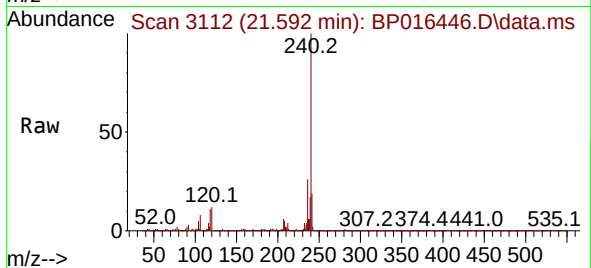
Tgt Ion:240 Resp: 1881680

Ion Ratio Lower Upper

240 100

120 11.8 7.9 11.9

236 26.2 21.1 31.7



#79

Terphenyl-d14

Concen: 73.008 ng

RT: 20.045 min Scan# 2849

Delta R.T. -0.000 min

Lab File: BP016446.D

Acq: 01 Aug 2023 09:23

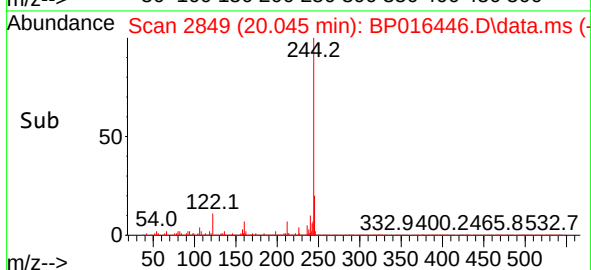
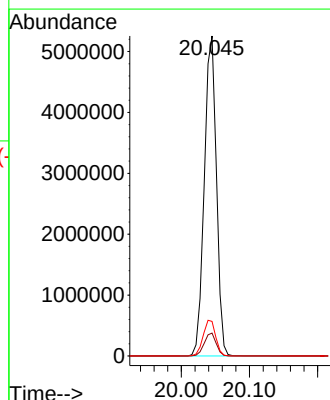
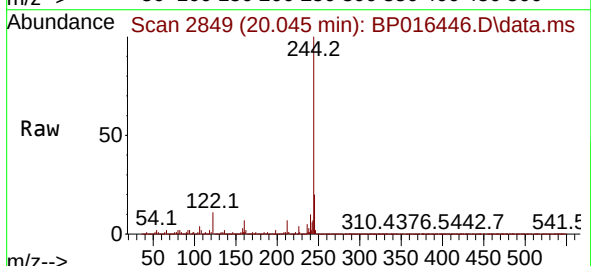
Tgt Ion:244 Resp: 6503334

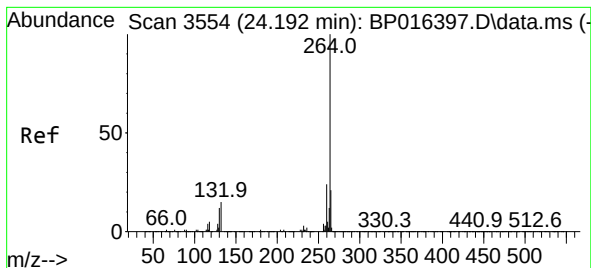
Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 10.8 7.4 11.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.192 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP016446.D

Acq: 01 Aug 2023 09:23

Instrument :

BNA_P

ClientSampleId :

B-P39C

Tgt Ion:264 Resp: 1829666

Ion Ratio Lower Upper

264 100

260 23.4 19.3 28.9

265 21.7 17.4 26.0

