

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081823\
 Data File : BP016637.D
 Acq On : 18 Aug 2023 11:50
 Operator : MA/JU
 Sample : 03970-02MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A48H5MS

Quant Time: Aug 18 22:29:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 17 01:38:34 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	281471	20.000	ng/u1	0.00
20) Naphthalene-d8	10.881	136	1291449	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.704	164	800202	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.469	188	1743959	20.000	ng/u1	0.00
79) Chrysene-d12	21.569	240	1594944	20.000	ng/u1	0.00
88) Perylene-d12	24.157	264	1619883	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	36367	4.910	ng/uL	0.00
4) Pyridine-d5	3.834	84	66488	2.950	ng/u1	0.00
7) Phenol-d5	7.193	99	550256	21.205	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.387	67	356331	20.848	ng/u1	0.00
11) 2-Chlorophenol-d4	7.569	132	398744	21.394	ng/u1	0.00
15) 4-Methylphenol-d8	8.758	113	439249	21.288	ng/u1	0.00
21) Nitrobenzene-d5	9.246	128	206448	22.719	ng/u1	0.00
24) 2-Nitrophenol-d4	9.963	143	217254	25.172	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.493	165	403991	23.785	ng/u1	0.00
31) 4-Chloroaniline-d4	11.040	131	560205	19.223	ng/u1	0.00
46) Dimethylphthalate-d6	14.110	166	1330389	22.986	ng/u1	0.00
49) Acenaphthylene-d8	14.404	160	1503774	23.019	ng/u1	0.00
54) 4-Nitrophenol-d4	14.904	143	245188	20.795	ng/u1	0.00
60) Fluorene-d10	15.698	176	1122770	22.755	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.816	200	185563	22.366	ng/u1	0.00
73) Anthracene-d10	17.569	188	1765669	23.406	ng/u1	0.00
81) Pyrene-d10	19.804	212	2081956	24.912	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.986	264	1888417	24.326	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.428	88	78945	9.693	ng/uL	99
5) Pyridine	3.858	79	74881	3.202	ng/u1	97
6) Benzaldehyde	7.205	77	401449	28.064	ng/u1	98
8) Phenol	7.216	94	684158	24.668	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.481	93	545714	24.358	ng/u1	99
12) 2-Chlorophenol	7.605	128	488464	24.908	ng/u1	97
13) 2-Methylphenol	8.487	108	498685	24.754	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.563	45	421631	13.503	ng/u1	99
16) Acetophenone	8.899	105	941489	28.256	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.869	70	477534	26.723	ng/u1	99
18) 4-Methylphenol	8.822	108	571269	25.801	ng/u1	99
19) Hexachloroethane	9.128	117	200898	24.520	ng/u1	99
22) Nitrobenzene	9.293	77	659190	25.913	ng/u1	97
23) Isophorone	9.805	82	1331461	27.712	ng/u1	100
25) 2-Nitrophenol	9.999	139	283614	28.745	ng/u1	98
26) 2,4-Dimethylphenol	10.034	107	531954	22.869	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.293	93	791521	25.700	ng/u1	99
29) 2,4-Dichlorophenol	10.516	162	474084	27.129	ng/u1	98
30) Naphthalene	10.934	128	1683597	24.951	ng/u1	100
32) 4-Chloroaniline	11.063	127	664335	23.016	ng/u1	99
33) Hexachlorobutadiene	11.169	225	268914	25.528	ng/u1	98
34) Caprolactam	11.875	113	178876	26.311	ng/u1	96
35) 4-Chloro-3-methylphenol	12.157	107	602128	28.189	ng/u1	98
36) 2-Methylnaphthalene	12.534	142	1148120	25.402	ng/u1	100

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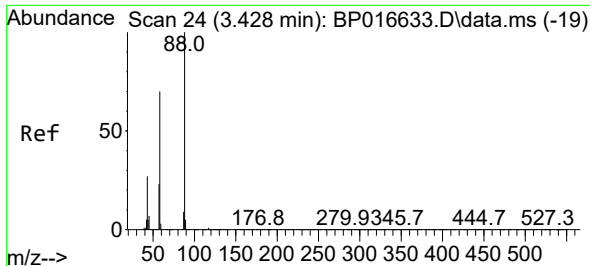
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.751	142	1149309	25.254	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.881	216	550629	25.726	ng/ul	98
40) Hexachlorocyclopentadiene	12.834	237	259946	19.961	ng/ul	98
41) 2,4,6-Trichlorophenol	13.128	196	382553	28.719	ng/ul	97
42) 2,4,5-Trichlorophenol	13.198	196	421137	29.167	ng/ul	100
43) 1,1'-Biphenyl	13.540	154	1546760	26.005	ng/ul	98
44) 2-Chloronaphthalene	13.587	162	1189677	25.707	ng/ul	99
45) 2-Nitroaniline	13.810	65	415118	29.667	ng/ul	97
47) Dimethylphthalate	14.163	163	1587911	26.833	ng/ul	99
48) 2,6-Dinitrotoluene	14.304	165	315829	30.813	ng/ul	99
50) Acenaphthylene	14.434	152	1932652	25.121	ng/ul	99
51) 3-Nitroaniline	14.640	138	342610	29.811	ng/ul	94
52) Acenaphthene	14.769	153	1336018	25.942	ng/ul	98
53) 2,4-Dinitrophenol	14.834	184	114685	20.099	ng/ul	96
55) 4-Nitrophenol	14.916	109	254049	26.504	ng/ul	99
56) Dibenzofuran	15.104	168	1824175	25.961	ng/ul	98
57) 2,4-Dinitrotoluene	15.081	165	466592	30.399	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.316	232	352120	29.107	ng/ul	98
59) Diethylphthalate	15.516	149	1652258	27.308	ng/ul	98
61) Fluorene	15.751	166	1512729	26.256	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.745	204	703133	25.998	ng/ul	97
63) 4-Nitroaniline	15.804	138	351077	31.920	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.834	198	237649	25.834	ng/ul	95
67) N-Nitrosodiphenylamine	15.969	169	1321917	27.964	ng/ul	99
68) 4-Bromophenyl-phenylether	16.651	248	429994	27.615	ng/ul	96
69) Hexachlorobenzene	16.734	284	496481	27.288	ng/ul	99
70) Atrazine	16.922	200	444017	26.108	ng/ul	100
71) Pentachlorophenol	17.092	266	256055	22.858	ng/ul	98
72) Phenanthrene	17.516	178	2499441	27.204	ng/ul	100
74) Anthracene	17.604	178	2459343	26.649	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.493	216	542440	24.475	ng/ul	99
76) Pentachlorobenzene	14.998	250	537140	27.011	ng/ul	99
77) Carbazole	17.886	167	2384567	28.038	ng/ul	99
78) Di-n-butylphthalate	18.398	149	3039568	30.874	ng/ul	100
80) Fluoranthene	19.475	202	3015071	30.228	ng/ul	100
82) Pyrene	19.833	202	3082620	29.267	ng/ul	97
83) Butylbenzylphthalate	20.686	149	1429683	33.695	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.486	252	890667	25.645	ng/ul	99
85) Benzo(a)anthracene	21.551	228	2956386	27.581	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.427	149	2120972	34.443	ng/ul	99
87) Chrysene	21.610	228	2798526	27.900	ng/ul	99
89) Di-n-octyl phthalate	22.416	149	3592202	35.539	ng/ul	100
90) Benzo(b)fluoranthene	23.351	252	2850355	29.552	ng/ul	99
91) Benzo(k)fluoranthene	23.404	252	2796558	29.226	ng/ul	99
93) Benzo(a)pyrene	24.039	252	2385136	26.215	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.910	276	2527846	23.540	ng/ul	99
95) Dibenzo(a,h)anthracene	26.939	278	2097104	23.467	ng/ul	99
96) Benzo(g,h,i)perylene	27.768	276	1937161	22.666	ng/ul	98

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

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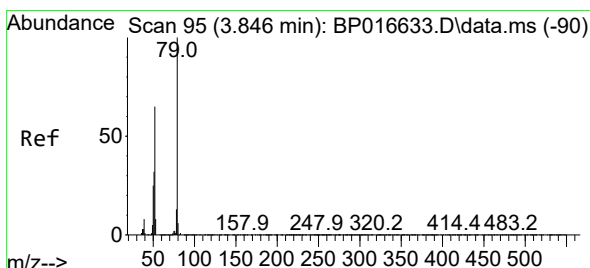
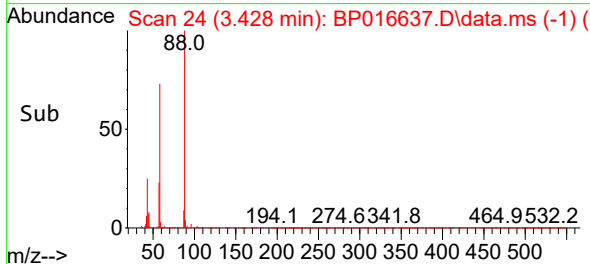
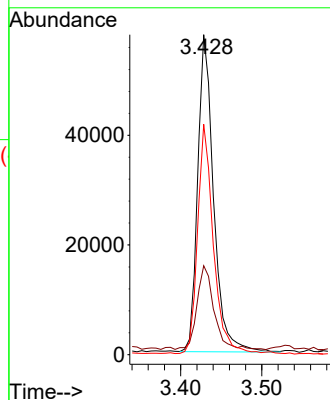
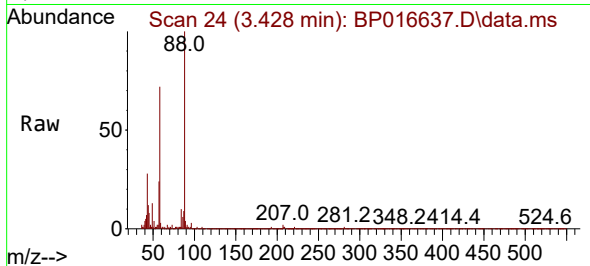




#2
1,4-Dioxane
Concen: 9.693 ng/uL
RT: 3.428 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP016637.D
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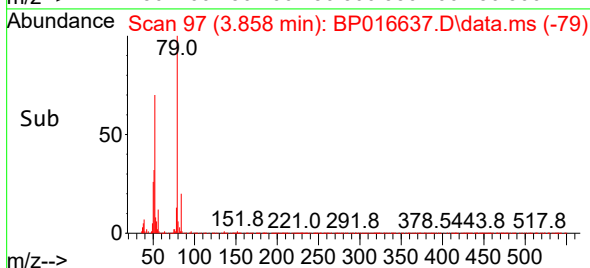
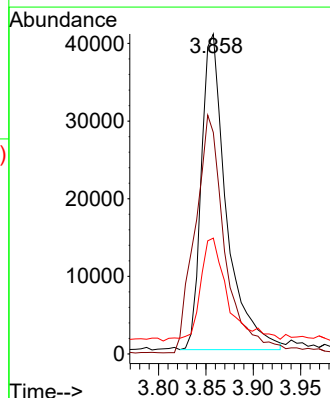
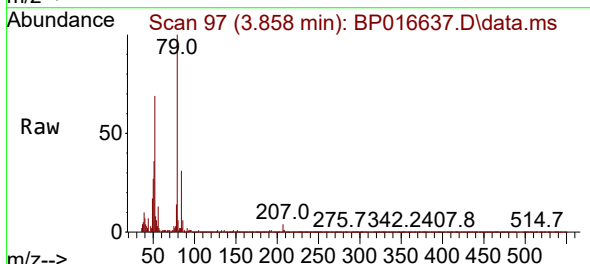
Instrument :
BNA_P
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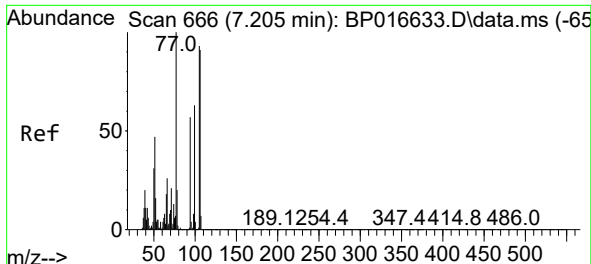
Tgt Ion: 88 Resp: 78945
Ion Ratio Lower Upper
88 100
43 27.8 23.5 35.3
58 72.0 57.1 85.7



#5
Pyridine
Concen: 3.202 ng/uL
RT: 3.858 min Scan# 97
Delta R.T. 0.006 min
Lab File: BP016637.D
Acq: 18 Aug 2023 11:50

Tgt Ion: 79 Resp: 74881
Ion Ratio Lower Upper
79 100
52 69.2 56.6 84.8
51 36.2 26.9 40.3

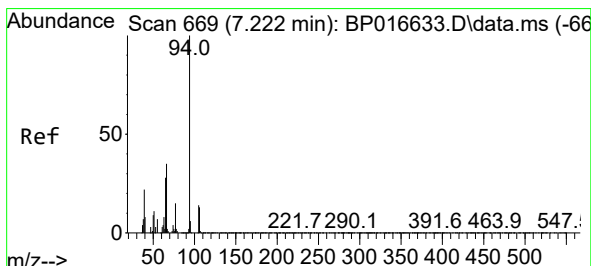
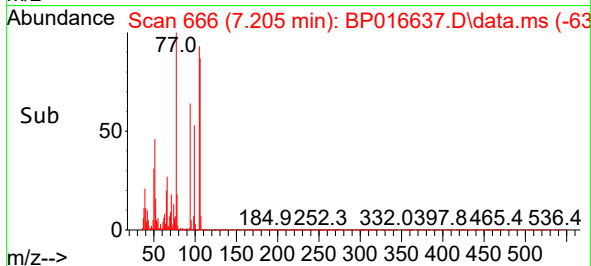
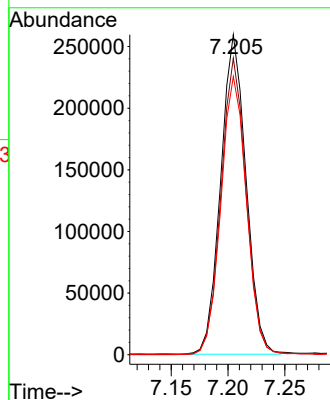
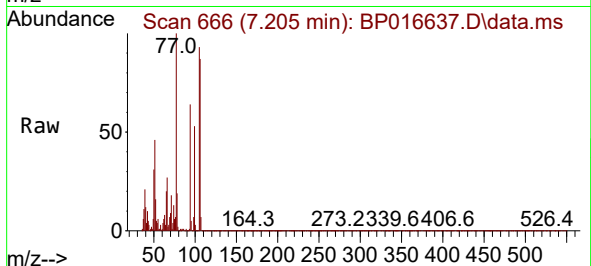




#6
Benzaldehyde
Concen: 28.064 ng/ul
RT: 7.205 min Scan# 666
Delta R.T. -0.000 min
Lab File: BP016637.D
Acq: 18 Aug 2023 11:50

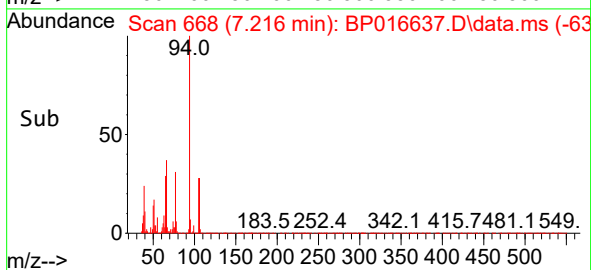
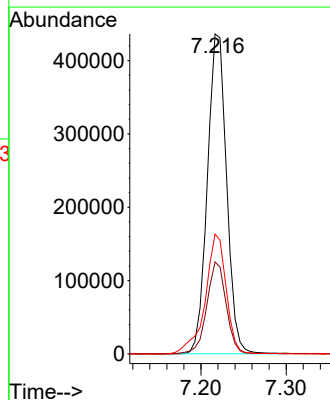
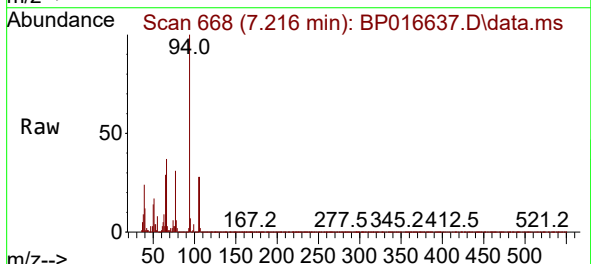
Instrument :
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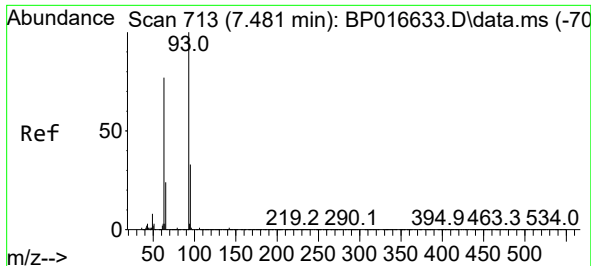
Tgt Ion: 77 Resp: 401449
Ion Ratio Lower Upper
77 100
105 92.7 71.8 107.6
106 86.9 70.2 105.2



#8
Phenol
Concen: 24.668 ng/ul
RT: 7.216 min Scan# 668
Delta R.T. -0.006 min
Lab File: BP016637.D
Acq: 18 Aug 2023 11:50

Tgt Ion: 94 Resp: 684158
Ion Ratio Lower Upper
94 100
65 28.7 22.3 33.5
66 37.5 28.7 43.1

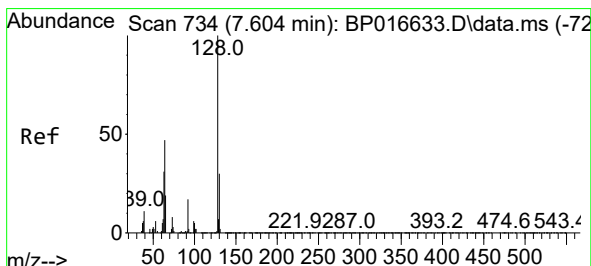
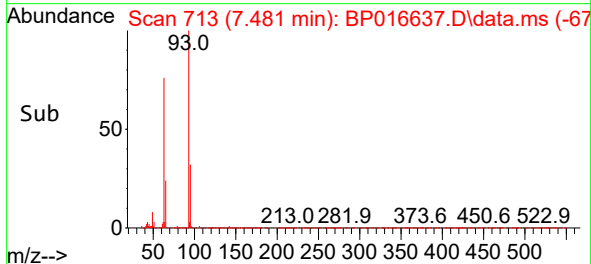
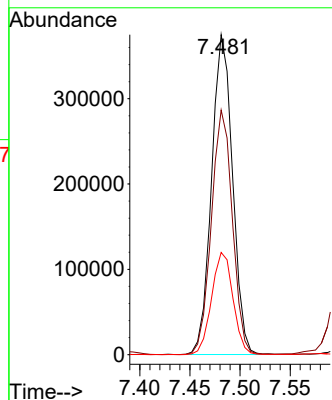
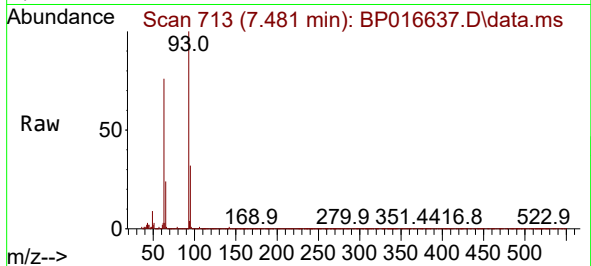




#10
Bis(2-Chloroethyl)ether
Concen: 24.358 ng/ul
RT: 7.481 min Scan# 713
Delta R.T. -0.000 min
Lab File: BP016637.D
Acq: 18 Aug 2023 11:50

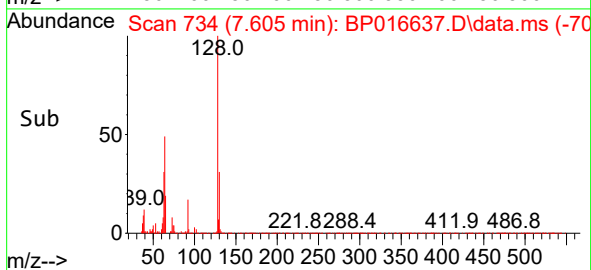
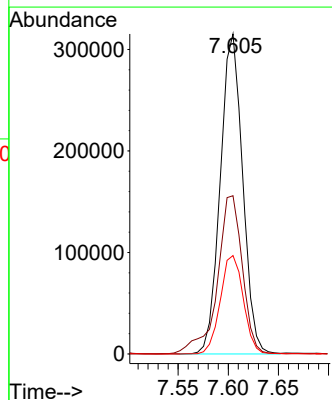
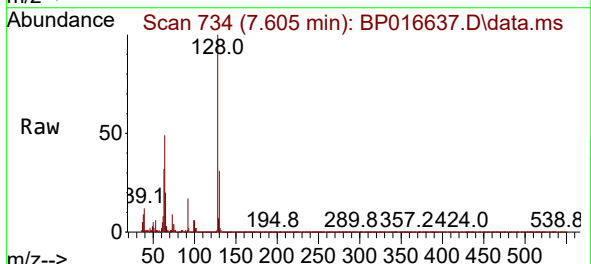
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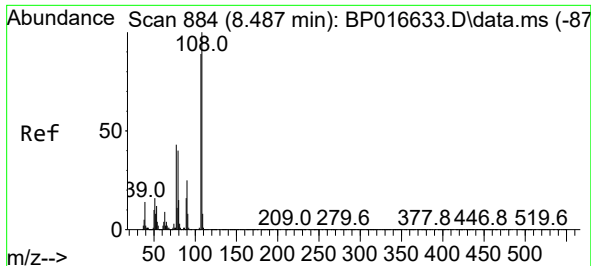
Tgt Ion: 93 Resp: 545714
Ion Ratio Lower Upper
93 100
63 76.5 60.1 90.1
95 31.9 25.4 38.2



#12
2-Chlorophenol
Concen: 24.908 ng/ul
RT: 7.605 min Scan# 734
Delta R.T. -0.000 min
Lab File: BP016637.D
Acq: 18 Aug 2023 11:50

Tgt Ion:128 Resp: 488464
Ion Ratio Lower Upper
128 100
64 49.4 41.4 62.0
130 30.8 26.0 39.0





#13

2-Methylphenol

Concen: 24.754 ng/ul

RT: 8.487 min Scan# 884

Delta R.T. -0.000 min

Lab File: BP016637.D

Acq: 18 Aug 2023 11:50

Instrument :

BNA_P

ClientSampleId :

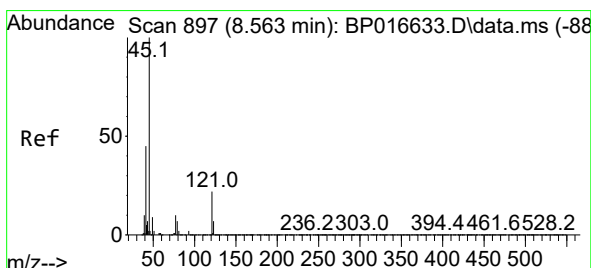
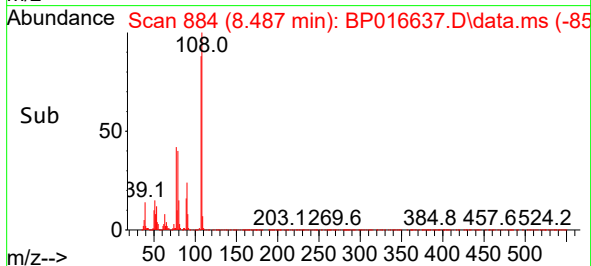
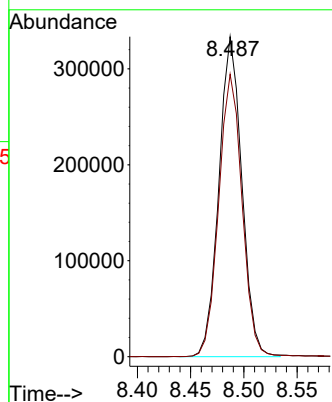
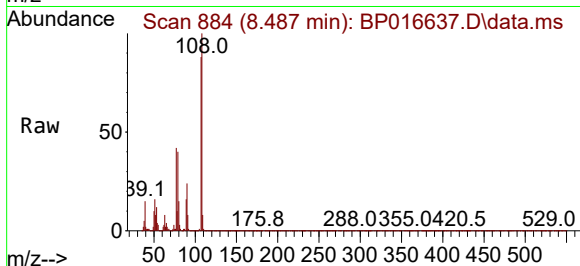
A48H5MS

Tgt Ion:108 Resp: 498685

Ion Ratio Lower Upper

108 100

107 88.2 70.5 105.7



#14

2,2'-oxybis(1-Chloropropane)

Concen: 13.503 ng/ul

RT: 8.563 min Scan# 897

Delta R.T. -0.006 min

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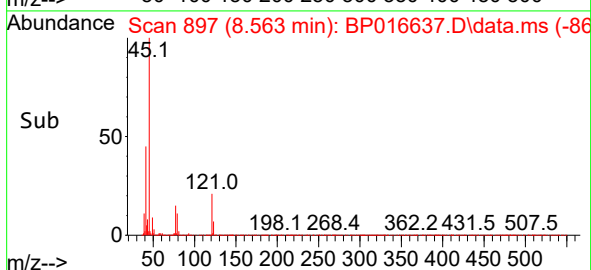
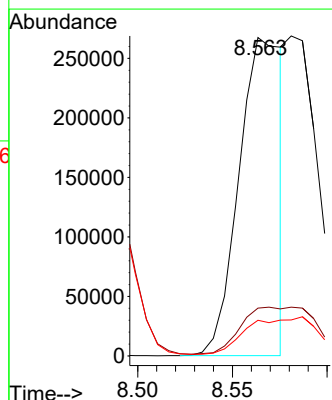
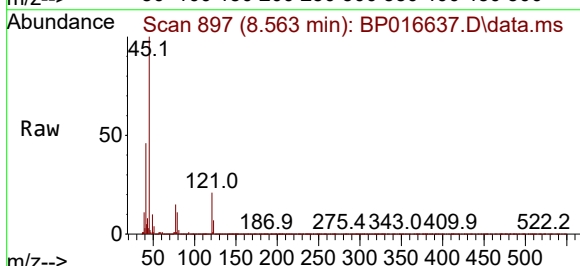
Tgt Ion: 45 Resp: 421631

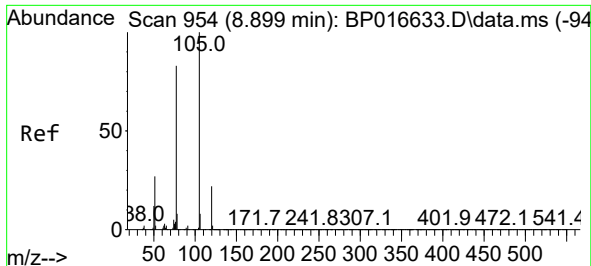
Ion Ratio Lower Upper

45 100

77 15.0 12.1 18.1

79 11.2 8.2 12.4

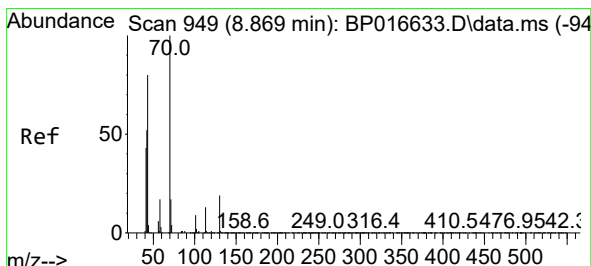
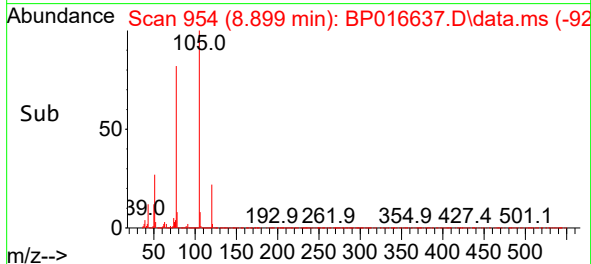
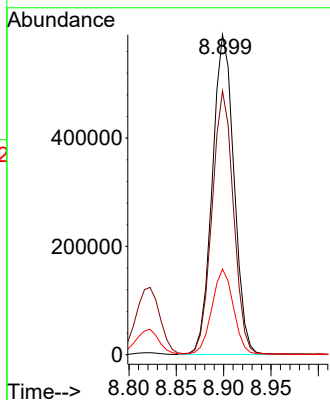
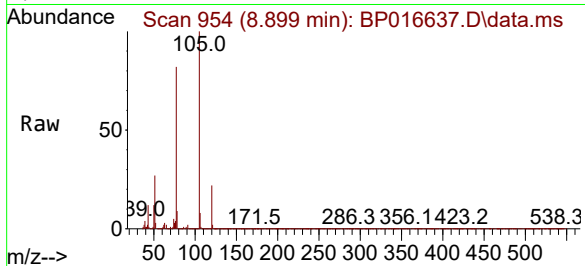




#16
Acetophenone
Concen: 28.256 ng/ul
RT: 8.899 min Scan# 914
Delta R.T. -0.000 min
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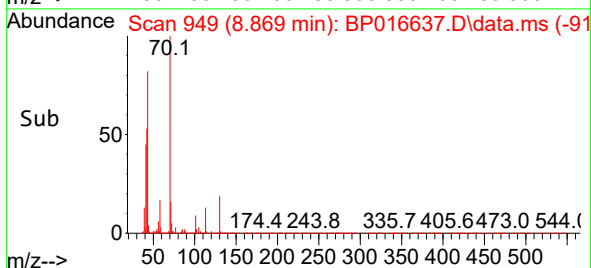
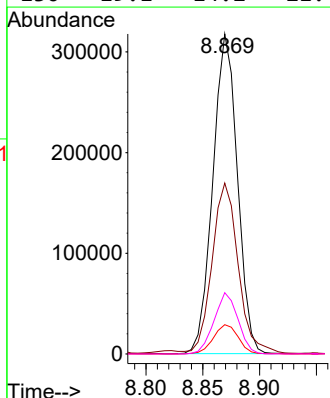
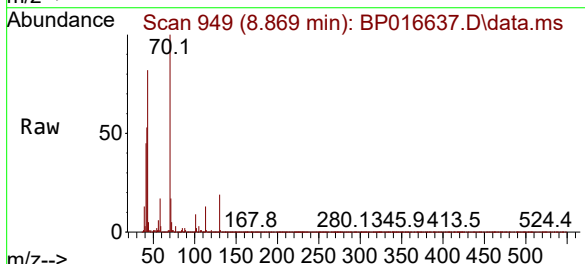
Instrument :
BNA_P
ClientSampleId :
A48H5MS

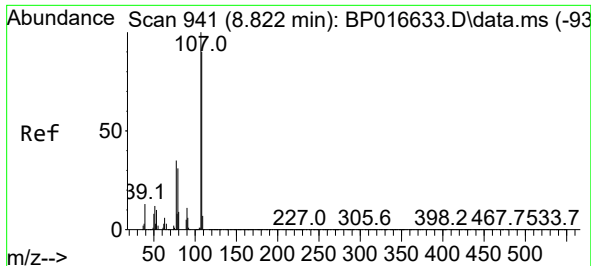
Tgt Ion:105 Resp: 941489
Ion Ratio Lower Upper
105 100
77 82.4 64.4 96.6
51 26.8 21.2 31.8



#17
N-Nitroso-di-n-propylamine
Concen: 26.723 ng/ul
RT: 8.869 min Scan# 949
Delta R.T. -0.000 min
Lab File: BP016637.D
Acq: 18 Aug 2023 11:50

Tgt Ion: 70 Resp: 477534
Ion Ratio Lower Upper
70 100
42 53.4 43.0 64.4
101 9.2 6.8 10.2
130 19.1 14.2 21.4





#18

4-Methylphenol

Concen: 25.801 ng/ul

RT: 8.822 min Scan# 941

Delta R.T. -0.000 min

Lab File: BP016637.D

Acq: 18 Aug 2023 11:50

Instrument :

BNA_P

ClientSampleId :

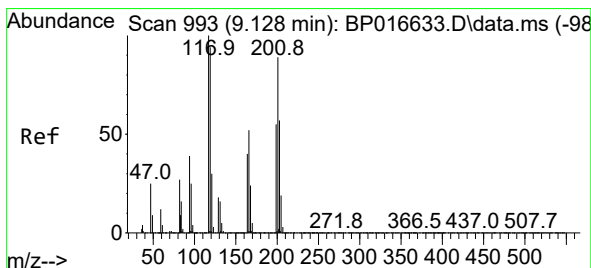
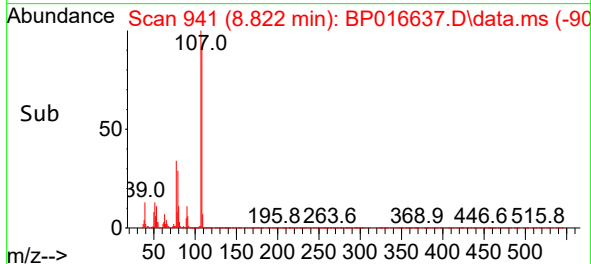
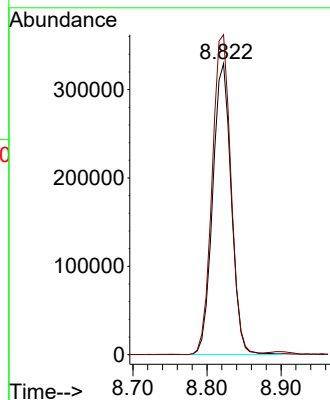
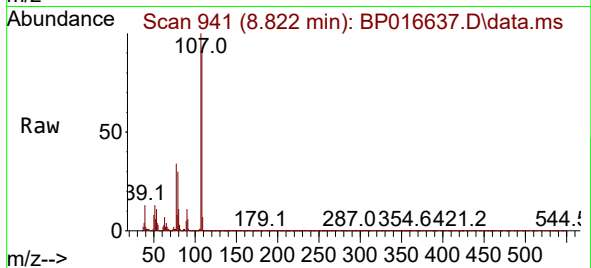
A48H5MS

Tgt Ion:108 Resp: 571269

Ion Ratio Lower Upper

108 100

107 110.0 87.3 130.9



#19

Hexachloroethane

Concen: 24.520 ng/ul

RT: 9.128 min Scan# 993

Delta R.T. -0.000 min

Lab File: BP016637.D

Acq: 18 Aug 2023 11:50

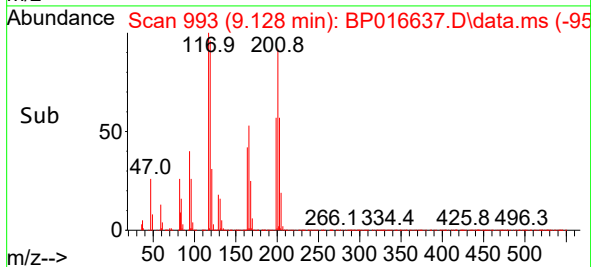
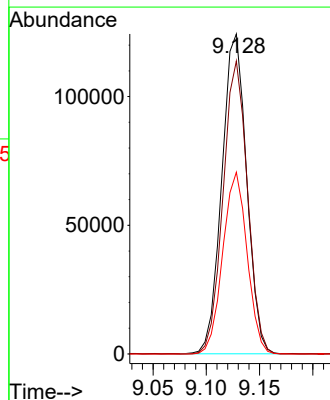
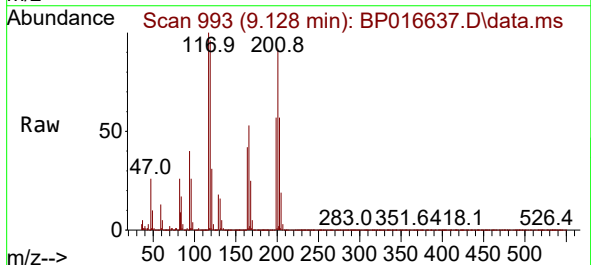
Tgt Ion:117 Resp: 200898

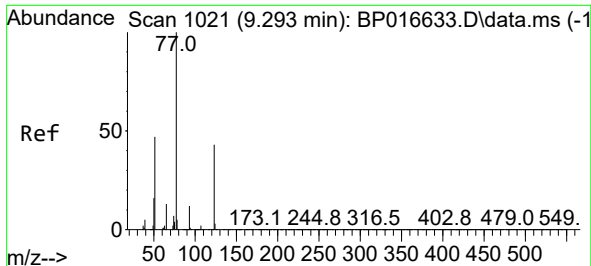
Ion Ratio Lower Upper

117 100

201 91.6 71.8 107.6

199 56.8 45.2 67.8

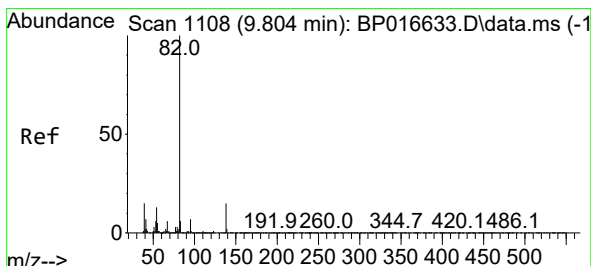
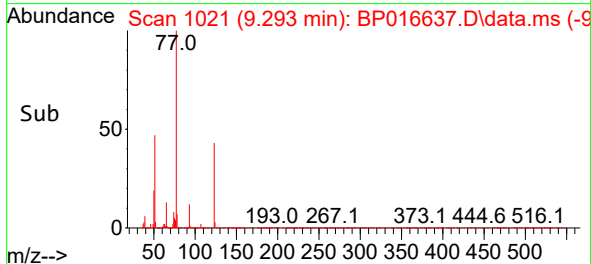
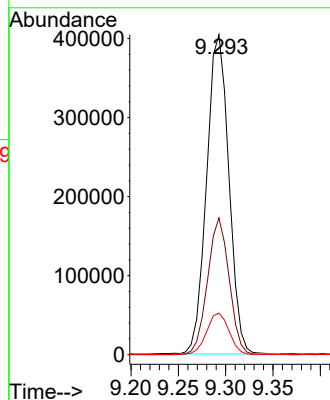
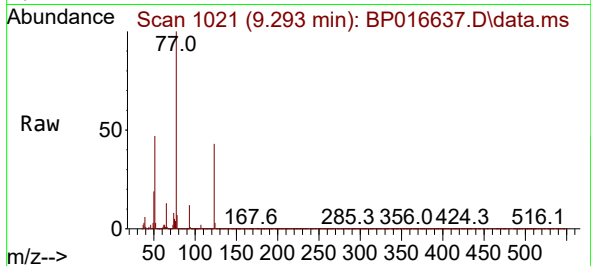




#22
Nitrobenzene
Concen: 25.913 ng/ul
RT: 9.293 min Scan# 1021
Delta R.T. -0.000 min
Lab File: BP016637.D
Acq: 18 Aug 2023 11:50

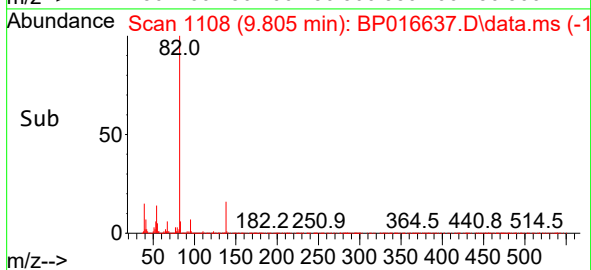
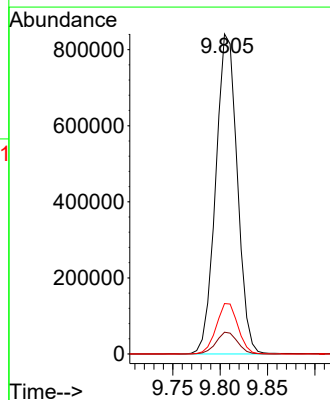
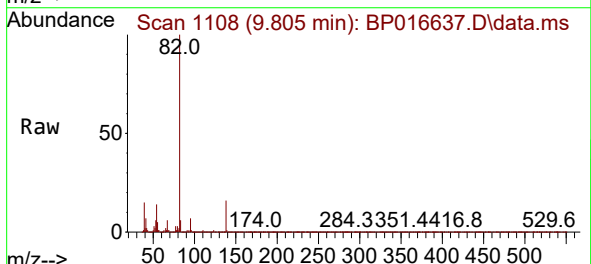
Instrument :
BNA_P
ClientSampleId :
A48H5MS

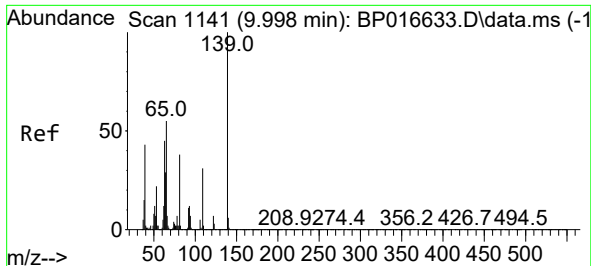
Tgt Ion: 77 Resp: 659190
Ion Ratio Lower Upper
77 100
123 42.8 32.5 48.7
65 13.0 10.3 15.5



#23
Isophorone
Concen: 27.712 ng/ul
RT: 9.805 min Scan# 1108
Delta R.T. -0.000 min
Lab File: BP016637.D
Acq: 18 Aug 2023 11:50

Tgt Ion: 82 Resp: 1331461
Ion Ratio Lower Upper
82 100
95 6.8 5.3 7.9
138 15.7 12.7 19.1

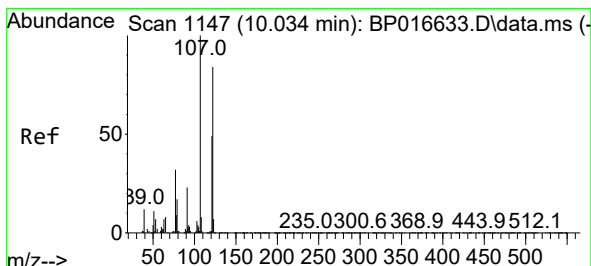
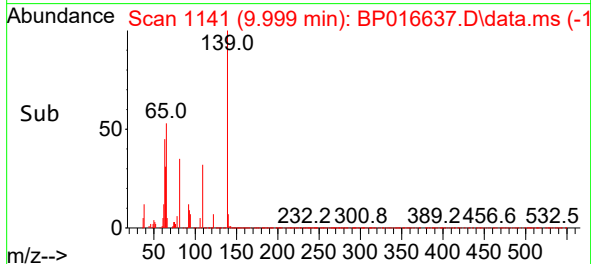
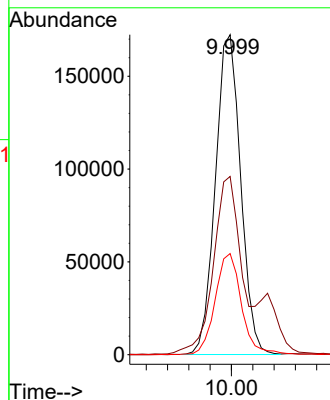
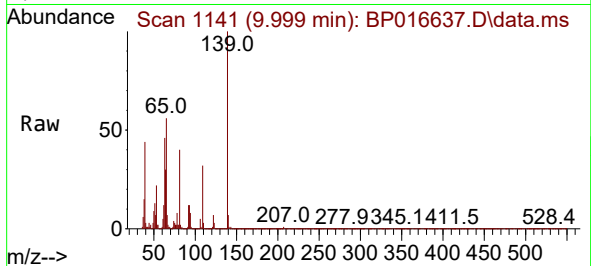




#25
2-Nitrophenol
Concen: 28.745 ng/ul
RT: 9.999 min Scan# 1141
Delta R.T. -0.000 min
Lab File: BP016637.D
Acq: 18 Aug 2023 11:50

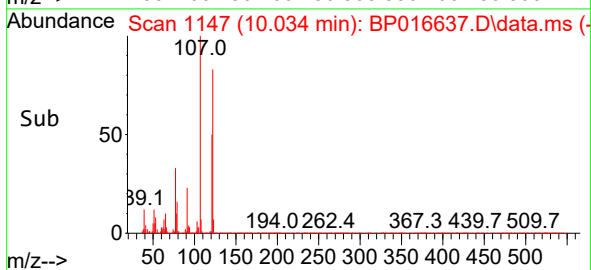
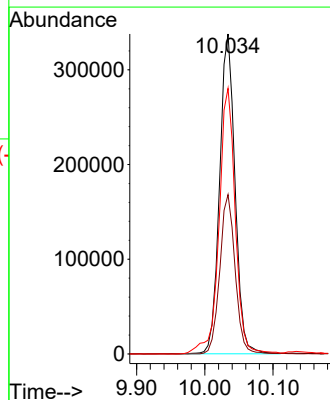
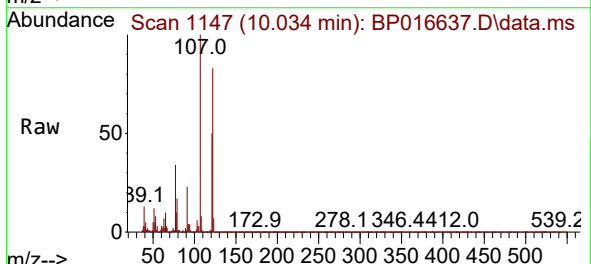
Instrument :
BNA_P
ClientSampleId :
A48H5MS

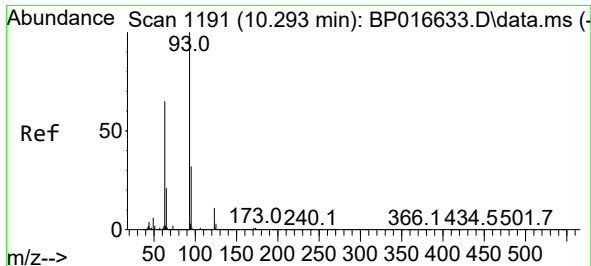
Tgt Ion:	139	Resp:	283614
Ion Ratio	Lower	Upper	
139	100		
65	55.7	46.4	69.6
109	31.6	25.3	37.9



#26
2,4-Dimethylphenol
Concen: 22.869 ng/ul
RT: 10.034 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BP016637.D
Acq: 18 Aug 2023 11:50

Tgt Ion:	107	Resp:	531954
Ion Ratio	Lower	Upper	
107	100		
121	49.8	39.1	58.7
122	83.0	66.9	100.3





#27

Bis(2-Chloroethoxy)methane

Concen: 25.700 ng/ul

RT: 10.293 min Scan# 1191

Delta R.T. -0.000 min

Lab File: BP016637.D

Acq: 18 Aug 2023 11:50

Instrument :

BNA_P

ClientSampleId :

A48H5MS

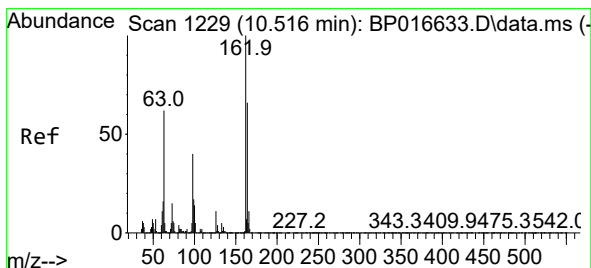
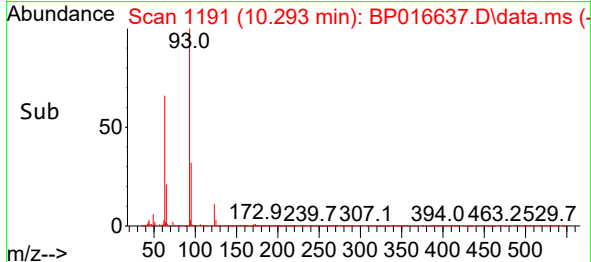
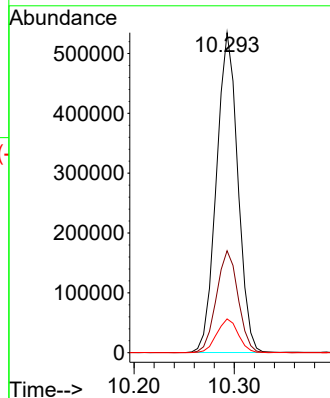
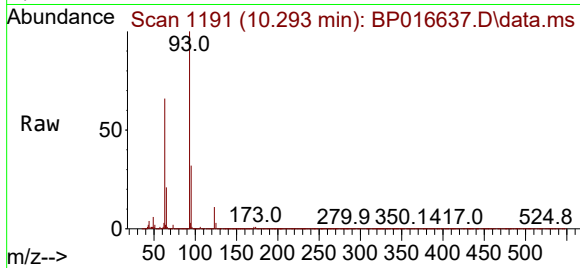
Tgt Ion: 93 Resp: 791521

Ion Ratio Lower Upper

93 100

95 31.9 25.8 38.8

123 10.6 8.7 13.1



#29

2,4-Dichlorophenol

Concen: 27.129 ng/ul

RT: 10.516 min Scan# 1229

Delta R.T. -0.000 min

Lab File: BP016637.D

Acq: 18 Aug 2023 11:50

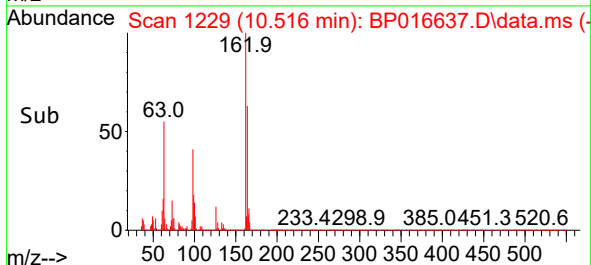
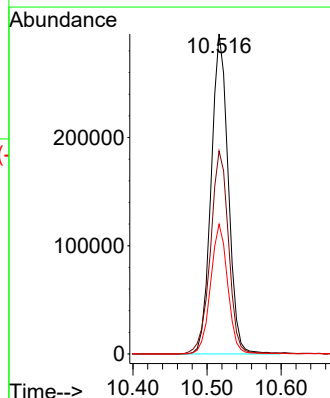
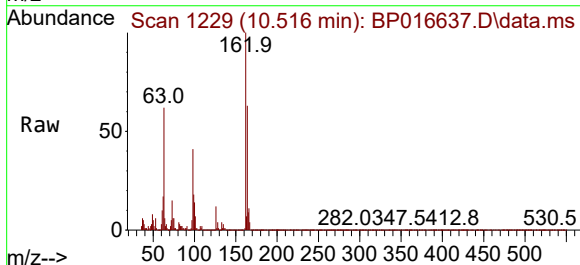
Tgt Ion:162 Resp: 474084

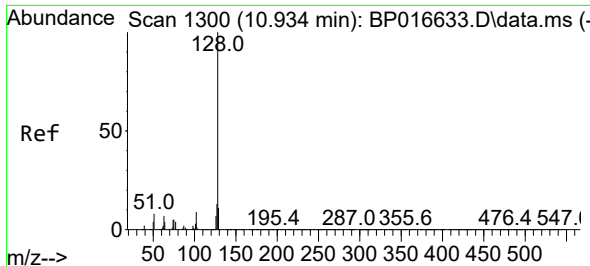
Ion Ratio Lower Upper

162 100

164 63.4 52.9 79.3

98 40.6 32.7 49.1

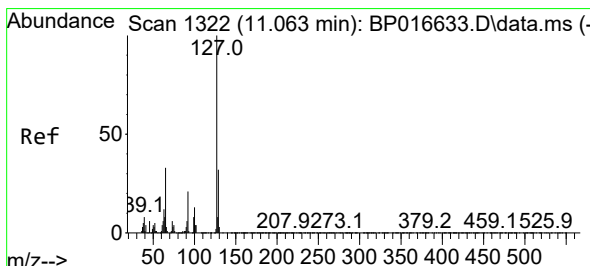
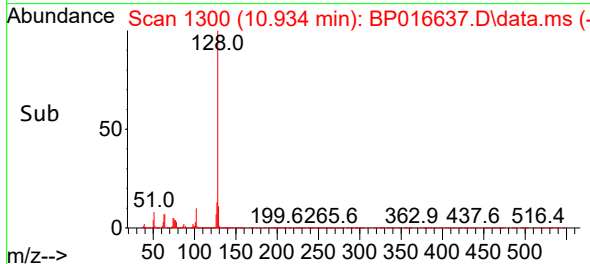
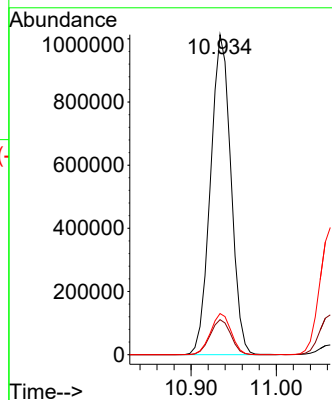
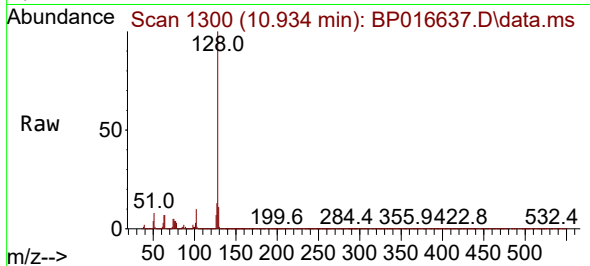




#30
Naphthalene
Concen: 24.951 ng/ul
RT: 10.934 min Scan# 1300
Delta R.T. -0.000 min
Lab File: BP016637.D
Acq: 18 Aug 2023 11:50

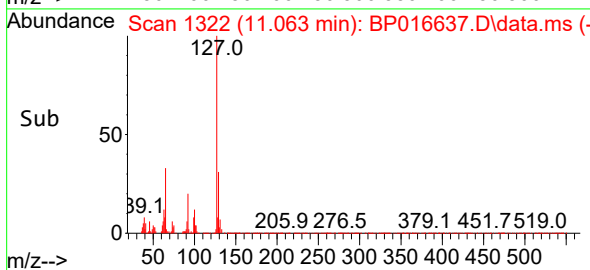
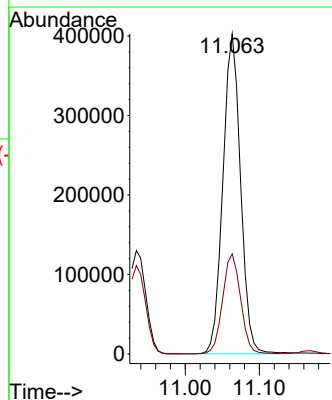
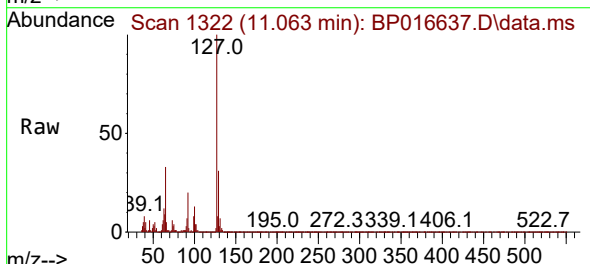
Instrument :
BNA_P
ClientSampleId :
A48H5MS

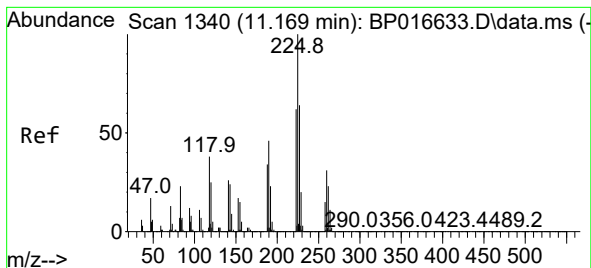
Tgt Ion:128 Resp: 1683597
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 12.8 10.3 15.5



#32
4-Chloroaniline
Concen: 23.016 ng/ul
RT: 11.063 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BP016637.D
Acq: 18 Aug 2023 11:50

Tgt Ion:127 Resp: 664335
Ion Ratio Lower Upper
127 100
129 31.3 25.6 38.4





#33

Hexachlorobutadiene

Concen: 25.528 ng/ul

RT: 11.169 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP016637.D

Acq: 18 Aug 2023 11:50

Instrument :

BNA_P

ClientSampleId :

A48H5MS

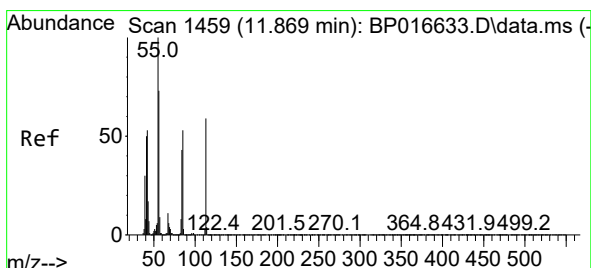
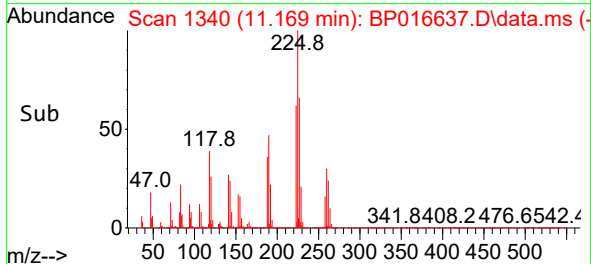
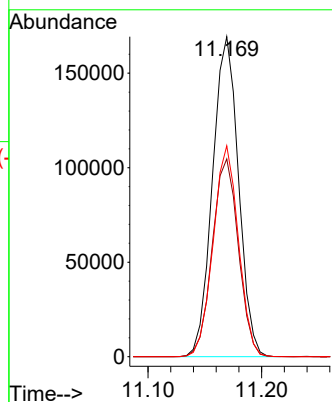
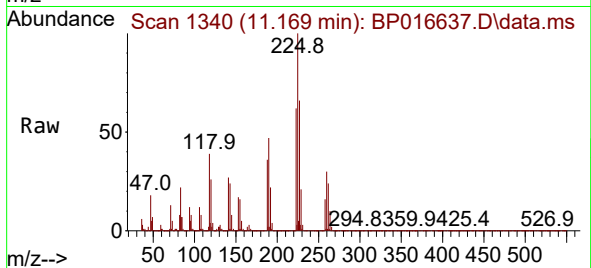
Tgt Ion:225 Resp: 268914

Ion Ratio Lower Upper

225 100

223 61.8 50.2 75.2

227 65.9 50.8 76.2



#34

Caprolactam

Concen: 26.311 ng/ul

RT: 11.875 min Scan# 1460

Delta R.T. 0.006 min

Lab File: BP016637.D

Acq: 18 Aug 2023 11:50

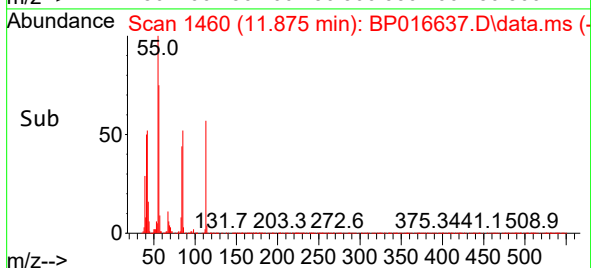
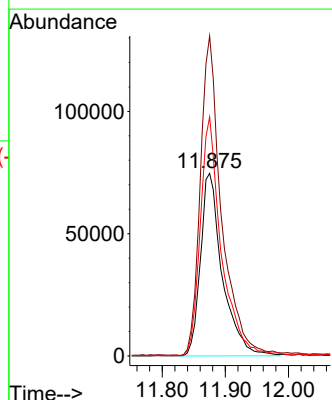
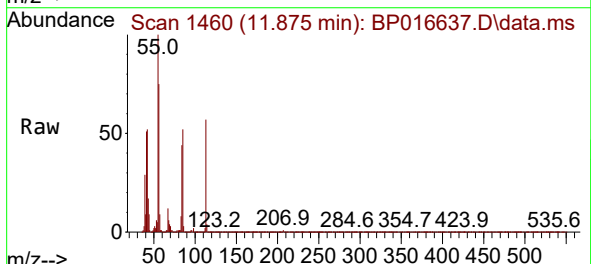
Tgt Ion:113 Resp: 178876

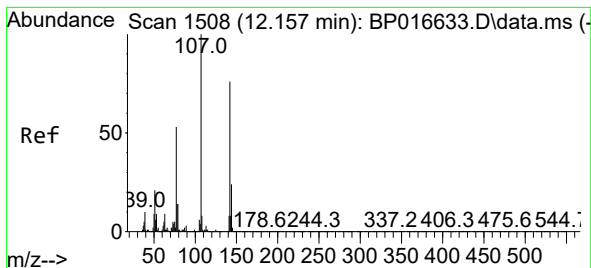
Ion Ratio Lower Upper

113 100

55 175.3 134.8 202.2

56 130.9 101.5 152.3

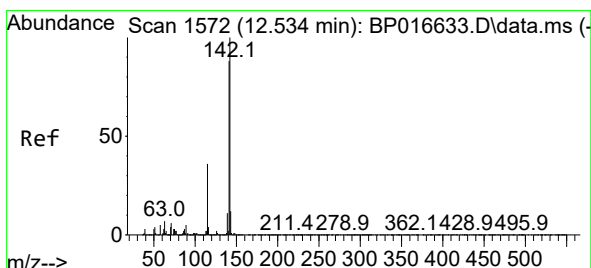
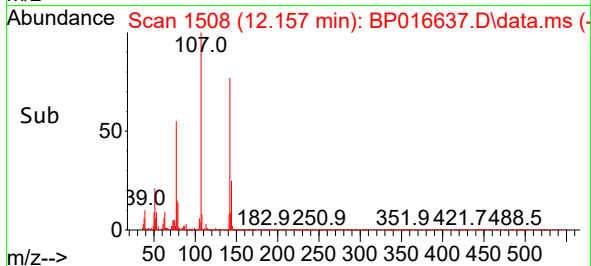
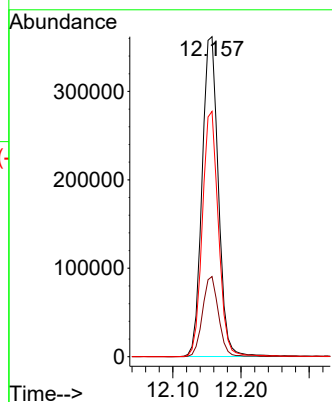
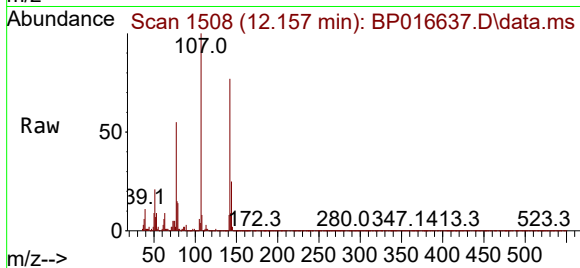




#35
4-Chloro-3-methylphenol
Concen: 28.189 ng/ul
RT: 12.157 min Scan# 1508
Delta R.T. -0.000 min
Lab File: BP016637.D
Acq: 18 Aug 2023 11:50

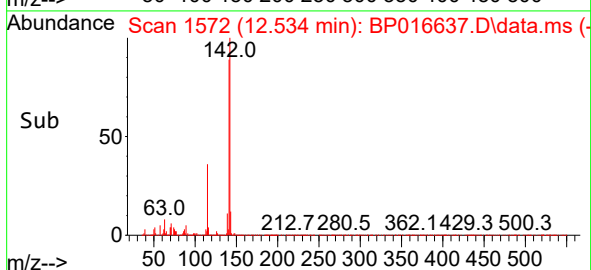
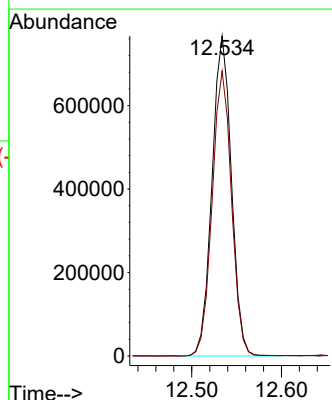
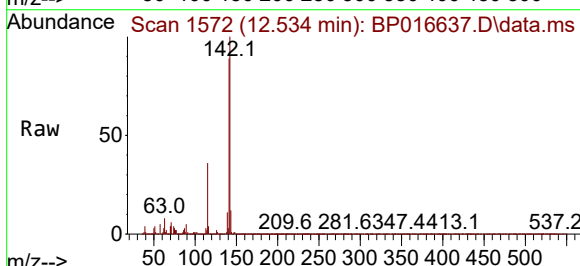
Instrument :
BNA_P
ClientSampleId :
A48H5MS

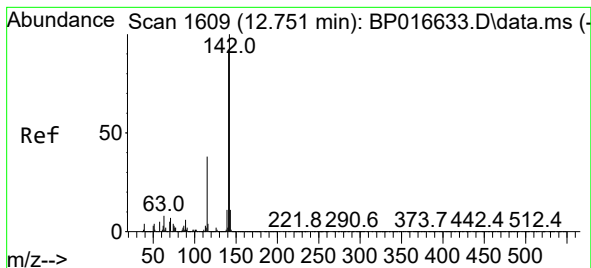
Tgt Ion:107 Resp: 602128
Ion Ratio Lower Upper
107 100
144 25.0 19.0 28.6
142 76.7 60.2 90.4



#36
2-Methylnaphthalene
Concen: 25.402 ng/ul
RT: 12.534 min Scan# 1572
Delta R.T. -0.000 min
Lab File: BP016637.D
Acq: 18 Aug 2023 11:50

Tgt Ion:142 Resp: 1148120
Ion Ratio Lower Upper
142 100
141 89.0 71.4 107.0

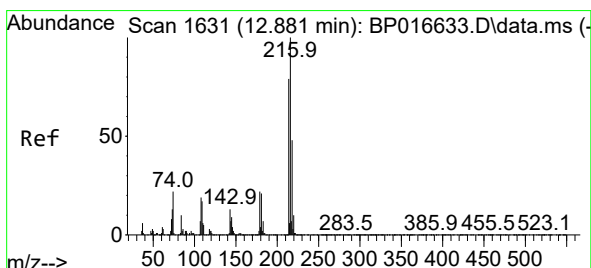
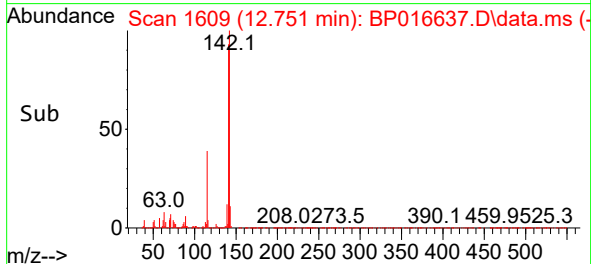
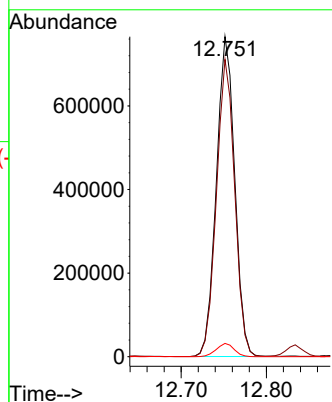
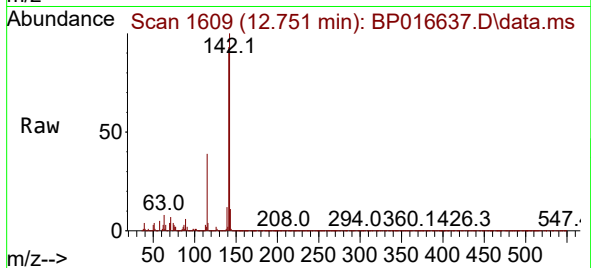




#37
1-Methylnaphthalene
Concen: 25.254 ng/ul
RT: 12.751 min Scan# 1609
Delta R.T. -0.000 min
Lab File: BP016637.D
Acq: 18 Aug 2023 11:50

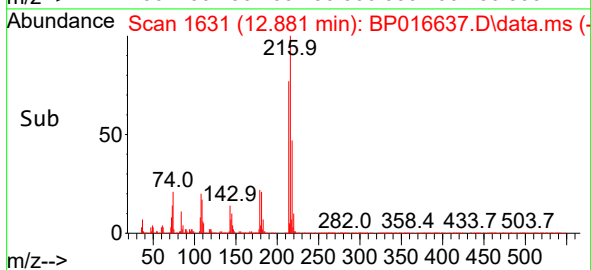
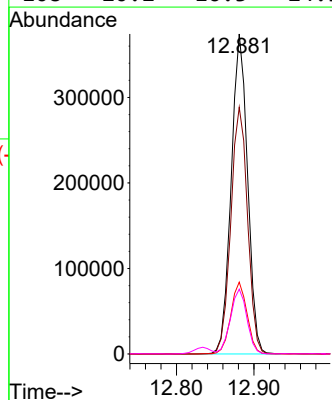
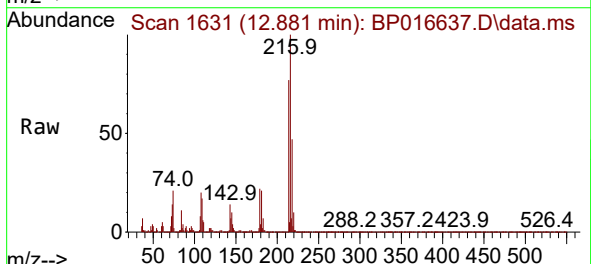
Instrument :
BNA_P
ClientSampleId :
A48H5MS

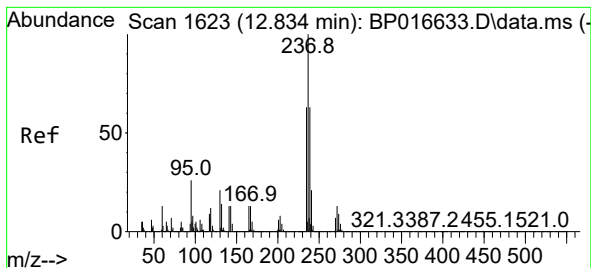
Tgt Ion:142 Resp: 1149309
Ion Ratio Lower Upper
142 100
141 92.9 74.5 111.7
116 4.2 3.0 4.4



#39
1,2,4,5-Tetrachlorobenzene
Concen: 25.726 ng/ul
RT: 12.881 min Scan# 1631
Delta R.T. -0.000 min
Lab File: BP016637.D
Acq: 18 Aug 2023 11:50

Tgt Ion:216 Resp: 550629
Ion Ratio Lower Upper
216 100
214 77.1 63.8 95.6
179 22.4 17.9 26.9
108 20.2 16.3 24.5





#40

Hexachlorocyclopentadiene

Concen: 19.961 ng/ul

RT: 12.834 min Scan# 1623

Delta R.T. -0.000 min

Lab File: BP016637.D

Acq: 18 Aug 2023 11:50

Instrument :

BNA_P

ClientSampleId :

A48H5MS

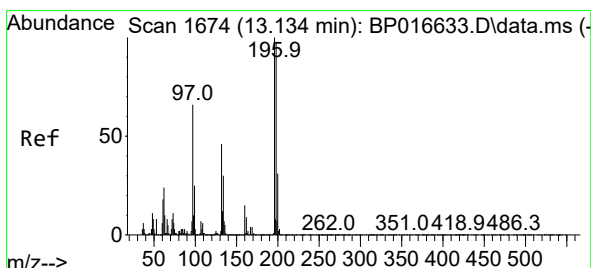
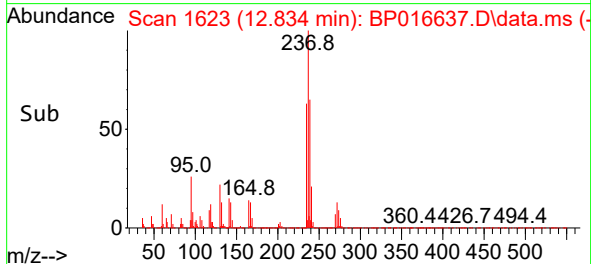
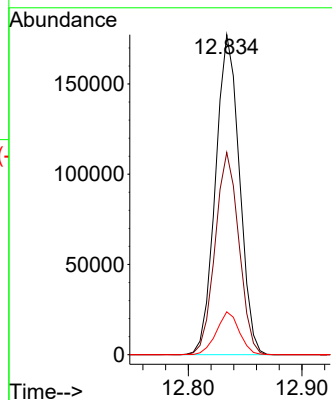
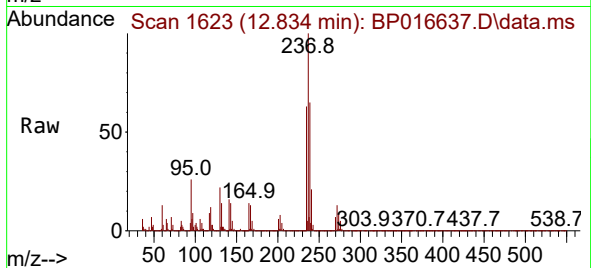
Tgt Ion:237 Resp: 259946

Ion Ratio Lower Upper

237 100

235 63.2 49.7 74.5

272 13.4 9.8 14.8



#41

2,4,6-Trichlorophenol

Concen: 28.719 ng/ul

RT: 13.128 min Scan# 1673

Delta R.T. -0.006 min

Lab File: BP016637.D

Acq: 18 Aug 2023 11:50

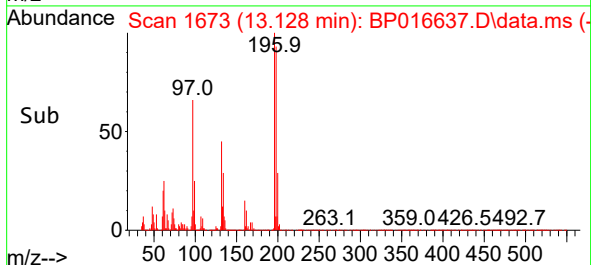
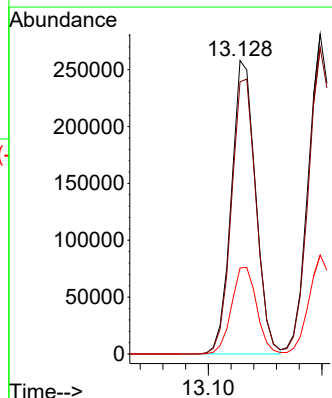
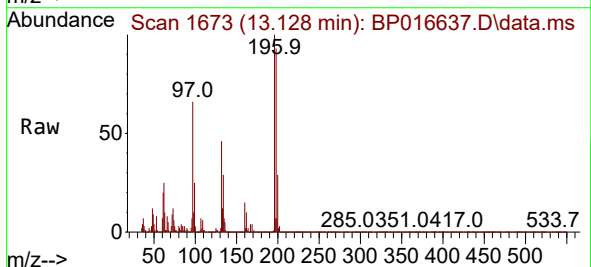
Tgt Ion:196 Resp: 382553

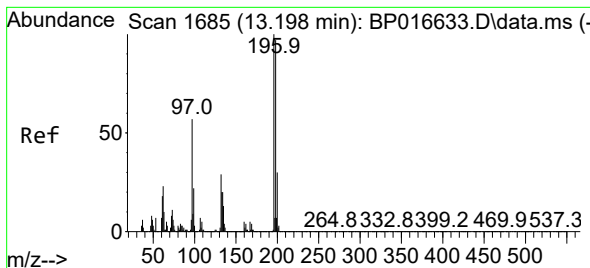
Ion Ratio Lower Upper

196 100

198 92.7 77.0 115.4

200 29.3 24.9 37.3





#42

2,4,5-Trichlorophenol

Concen: 29.167 ng/ul

RT: 13.198 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP016637.D

Acq: 18 Aug 2023 11:50

Instrument :

BNA_P

ClientSampleId :

A48H5MS

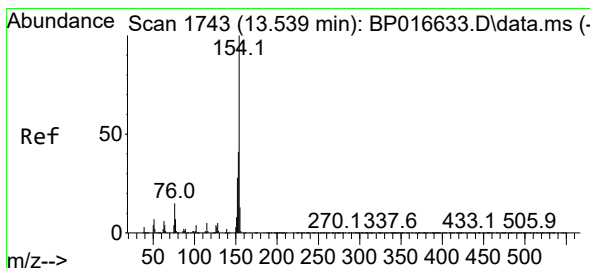
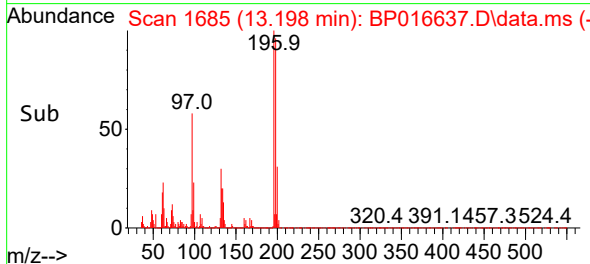
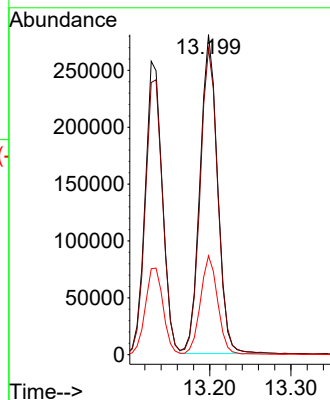
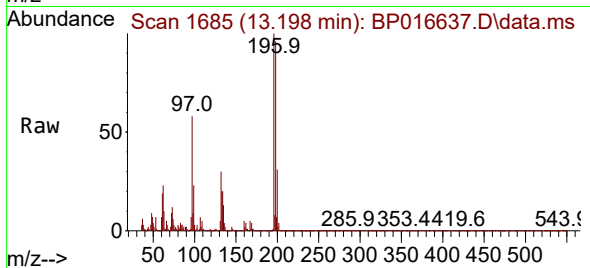
Tgt Ion:196 Resp: 421137

Ion Ratio Lower Upper

196 100

198 95.7 76.7 115.1

200 30.9 24.2 36.2



#43

1,1'-Biphenyl

Concen: 26.005 ng/ul

RT: 13.540 min Scan# 1743

Delta R.T. -0.000 min

Lab File: BP016637.D

Acq: 18 Aug 2023 11:50

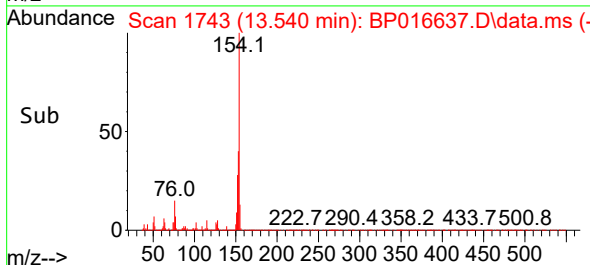
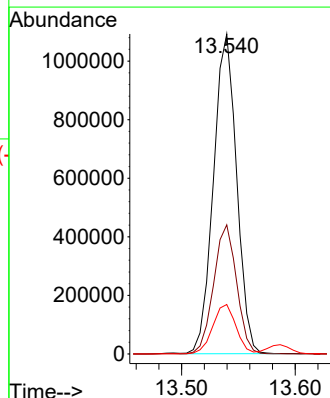
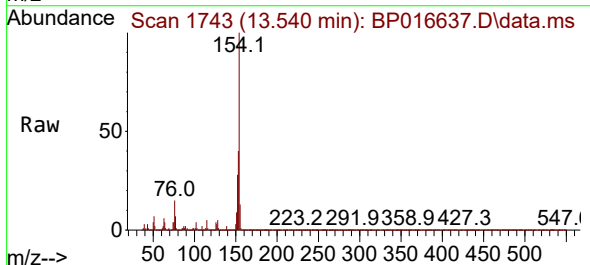
Tgt Ion:154 Resp: 1546760

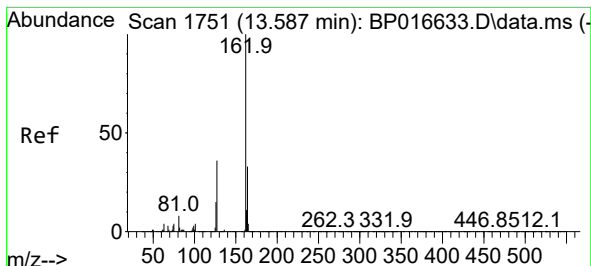
Ion Ratio Lower Upper

154 100

153 40.4 31.4 47.2

76 15.4 13.0 19.4

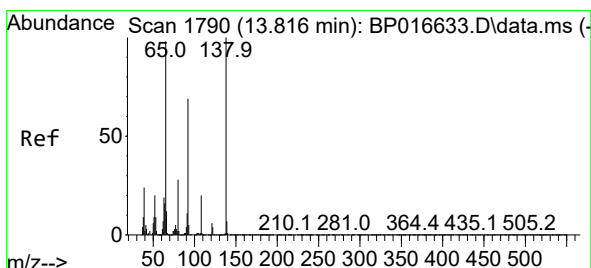
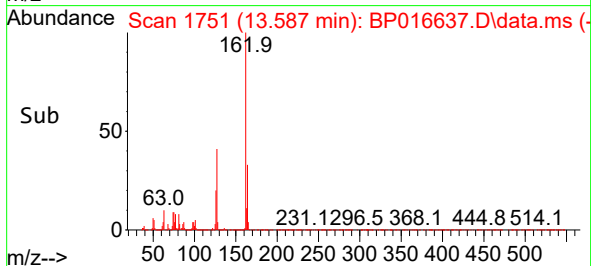
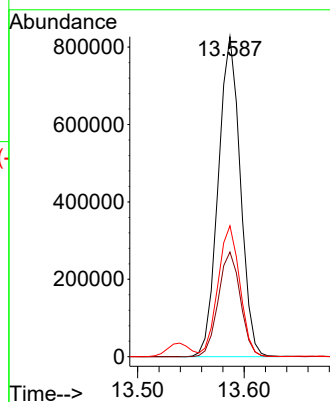
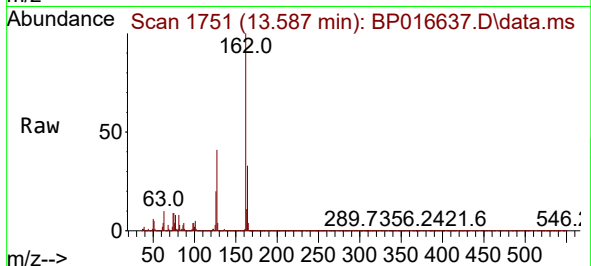




#44
2-Chloronaphthalene
Concen: 25.707 ng/ul
RT: 13.587 min Scan# 1751
Delta R.T. -0.000 min
Lab File: BP016637.D
Acq: 18 Aug 2023 11:50

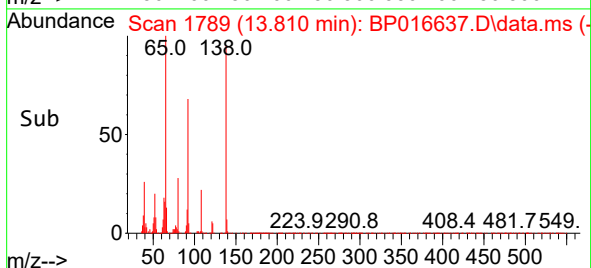
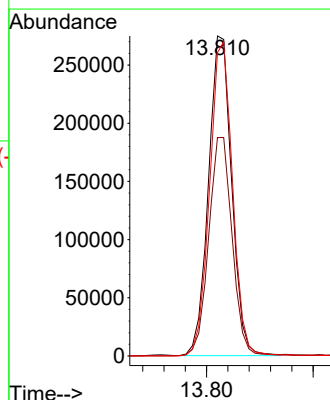
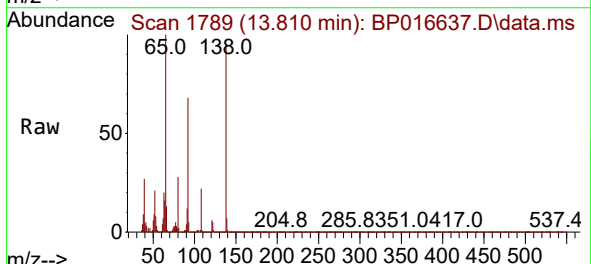
Instrument :
BNA_P
ClientSampleId :
A48H5MS

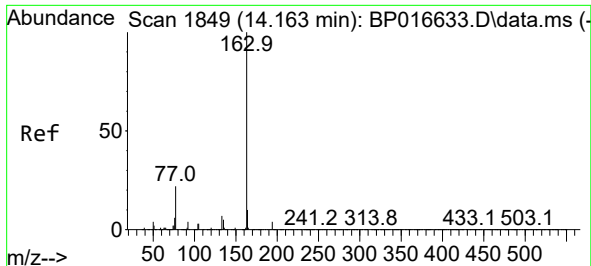
Tgt Ion:162 Resp: 1189677
Ion Ratio Lower Upper
162 100
164 32.7 25.8 38.6
127 40.9 32.9 49.3



#45
2-Nitroaniline
Concen: 29.667 ng/ul
RT: 13.810 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BP016637.D
Acq: 18 Aug 2023 11:50

Tgt Ion: 65 Resp: 415118
Ion Ratio Lower Upper
65 100
92 68.2 54.5 81.7
138 94.8 72.1 108.1

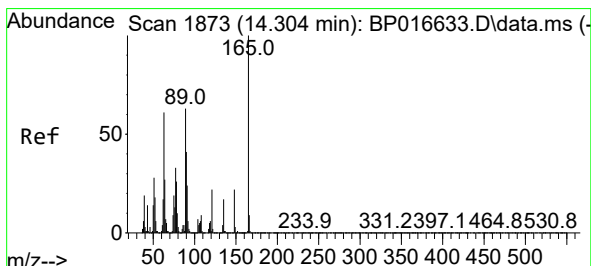
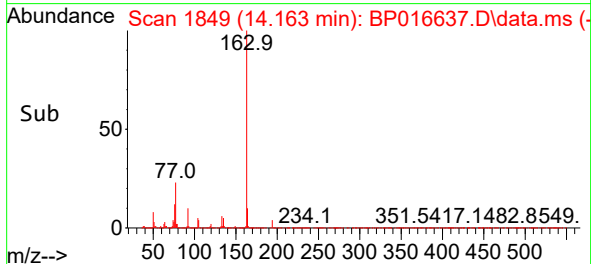
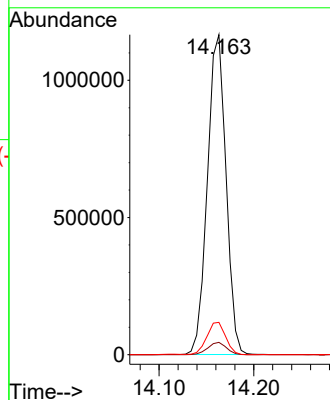
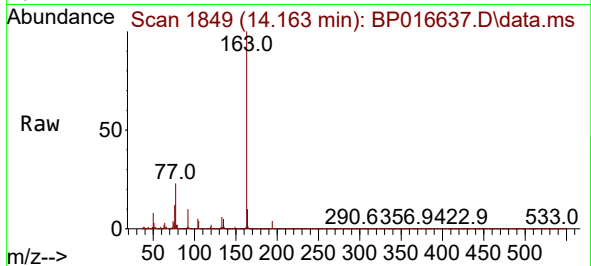




#47
Dimethylphthalate
Concen: 26.833 ng/ul
RT: 14.163 min Scan# 1849
Delta R.T. 0.006 min
Lab File: BP016637.D
Acq: 18 Aug 2023 11:50

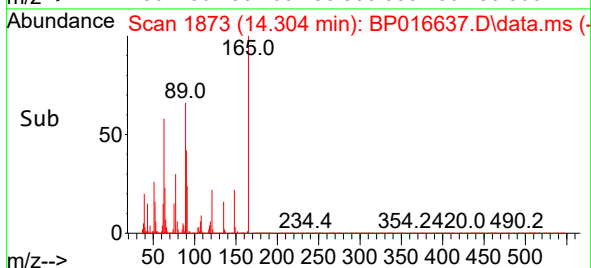
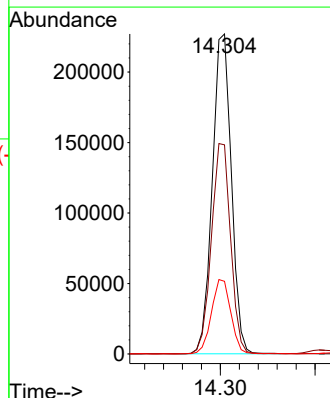
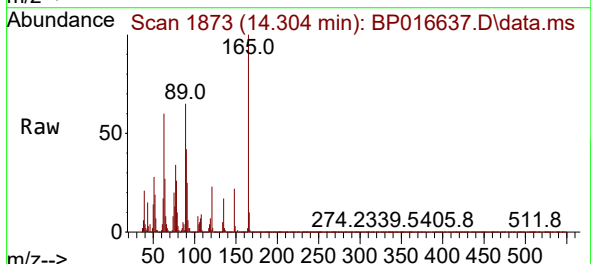
Instrument :
BNA_P
ClientSampleId :
A48H5MS

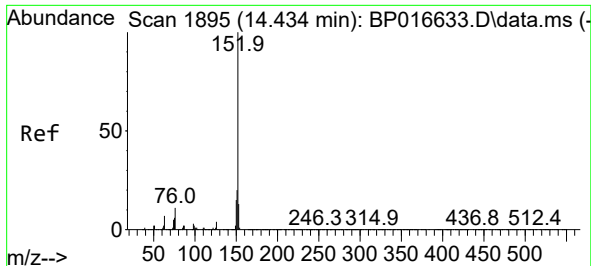
Tgt Ion:163 Resp: 1587911
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.1 7.8 11.8



#48
2,6-Dinitrotoluene
Concen: 30.813 ng/ul
RT: 14.304 min Scan# 1873
Delta R.T. 0.006 min
Lab File: BP016637.D
Acq: 18 Aug 2023 11:50

Tgt Ion:165 Resp: 315829
Ion Ratio Lower Upper
165 100
89 65.4 53.2 79.8
121 22.7 18.8 28.2

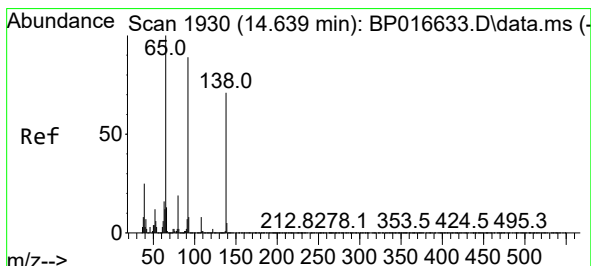
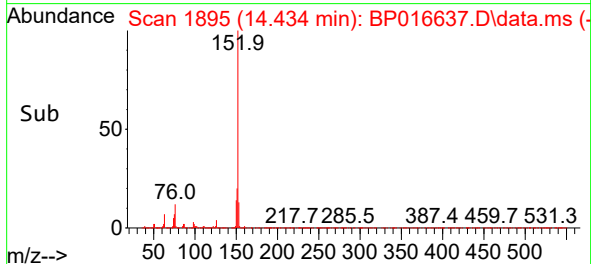
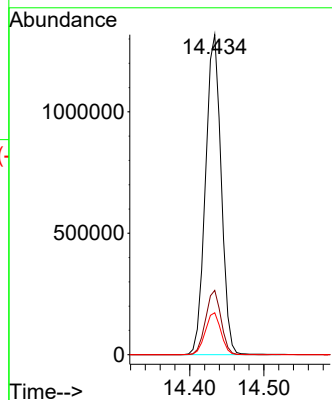
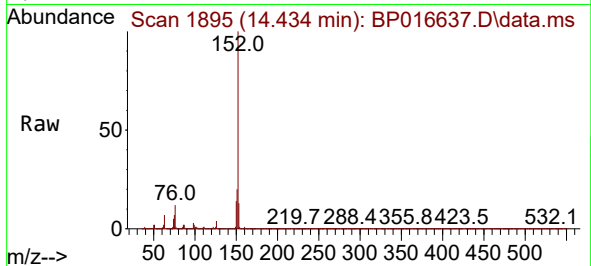




#50
Acenaphthylene
Concen: 25.121 ng/ul
RT: 14.434 min Scan# 1895
Delta R.T. -0.000 min
Lab File: BP016637.D
Acq: 18 Aug 2023 11:50

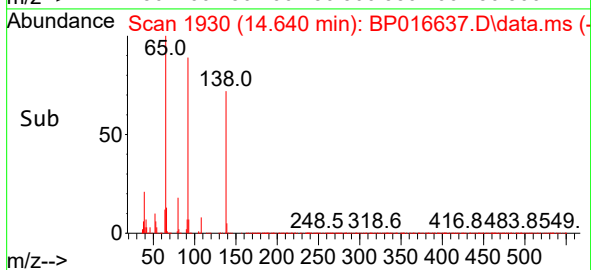
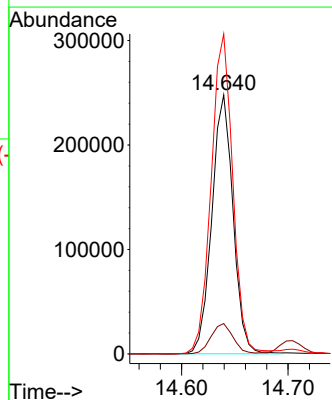
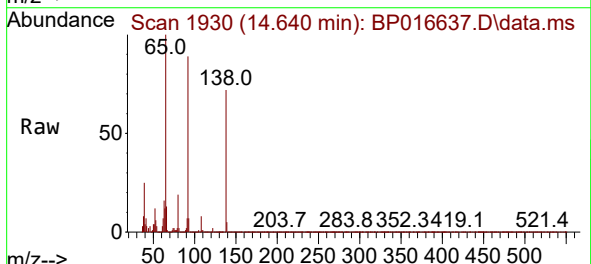
Instrument :
BNA_P
ClientSampleId :
A48H5MS

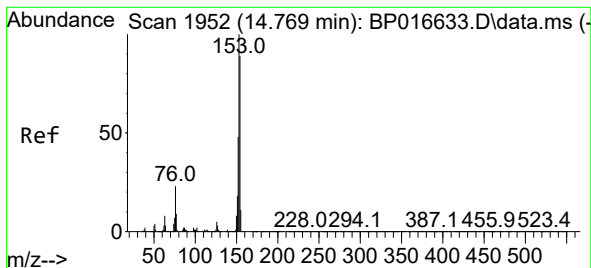
Tgt Ion:152 Resp: 1932652
Ion Ratio Lower Upper
152 100
151 20.1 15.7 23.5
153 13.1 10.6 15.8



#51
3-Nitroaniline
Concen: 29.811 ng/ul
RT: 14.640 min Scan# 1930
Delta R.T. 0.006 min
Lab File: BP016637.D
Acq: 18 Aug 2023 11:50

Tgt Ion:138 Resp: 342610
Ion Ratio Lower Upper
138 100
108 11.8 10.9 16.3
92 123.5 105.0 157.6





#52

Acenaphthene

Concen: 25.942 ng/ul

RT: 14.769 min Scan# 1952

Delta R.T. -0.000 min

Lab File: BP016637.D

Acq: 18 Aug 2023 11:50

Instrument :

BNA_P

ClientSampleId :

A48H5MS

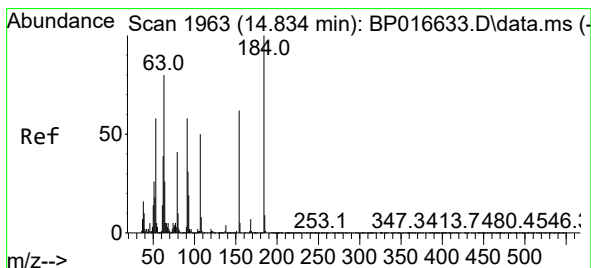
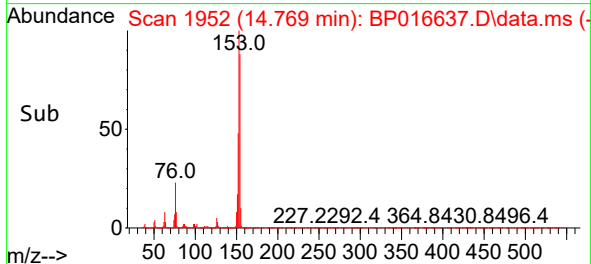
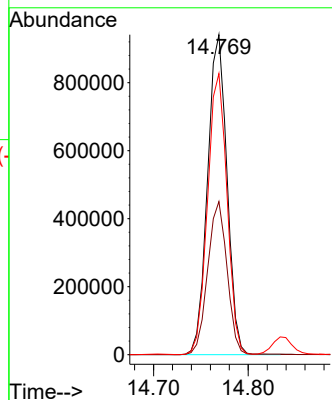
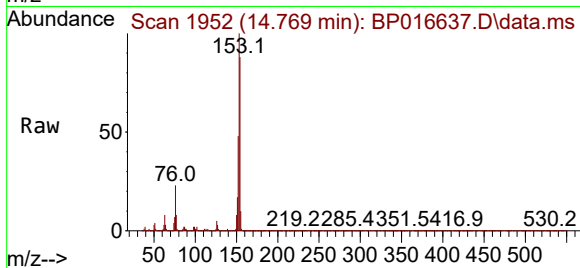
Tgt Ion:153 Resp: 1336018

Ion Ratio Lower Upper

153 100

152 47.8 38.7 58.1

154 87.8 72.0 108.0



#53

2,4-Dinitrophenol

Concen: 20.099 ng/ul

RT: 14.834 min Scan# 1963

Delta R.T. -0.000 min

Lab File: BP016637.D

Acq: 18 Aug 2023 11:50

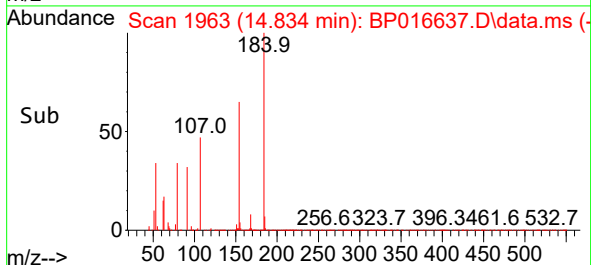
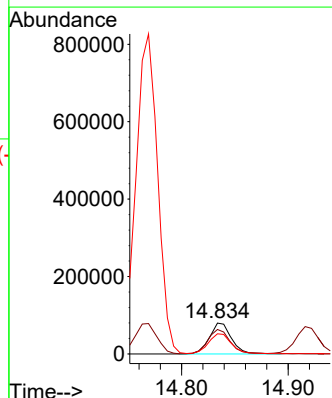
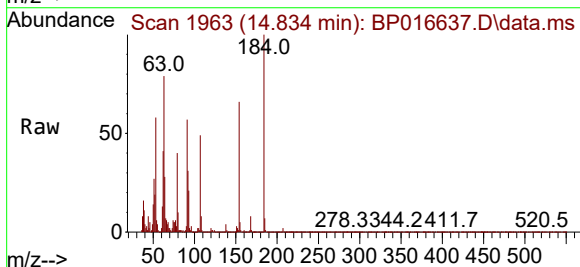
Tgt Ion:184 Resp: 114685

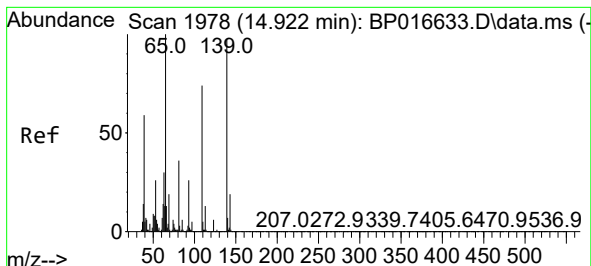
Ion Ratio Lower Upper

184 100

63 79.5 65.0 97.6

154 65.5 56.2 84.2

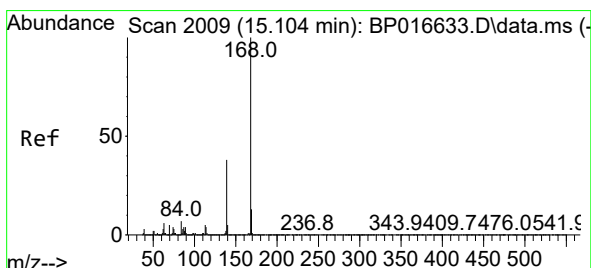
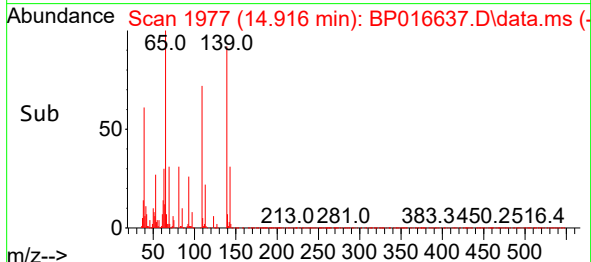
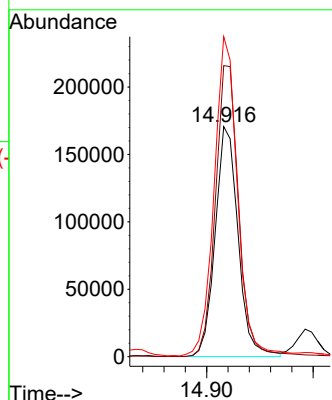
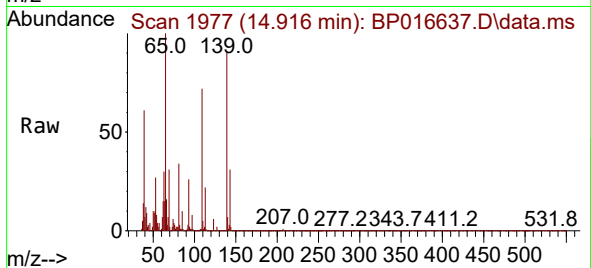




#55
4-Nitrophenol
Concen: 26.504 ng/ul
RT: 14.916 min Scan# 1977
Delta R.T. -0.000 min
Lab File: BP016637.D
Acq: 18 Aug 2023 11:50

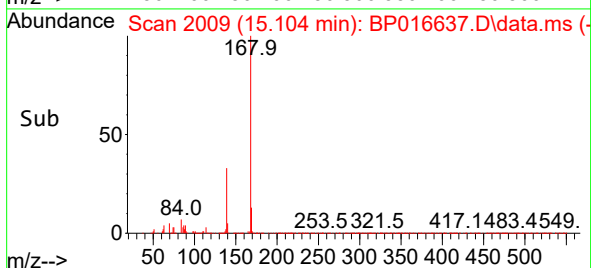
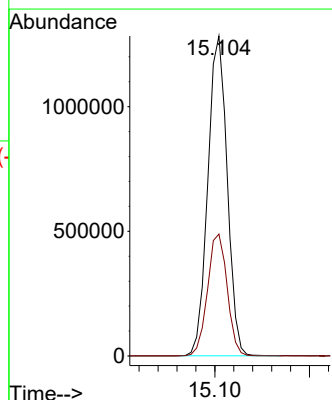
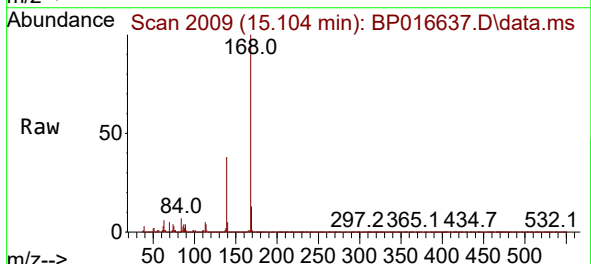
Instrument :
BNA_P
ClientSampleId :
A48H5MS

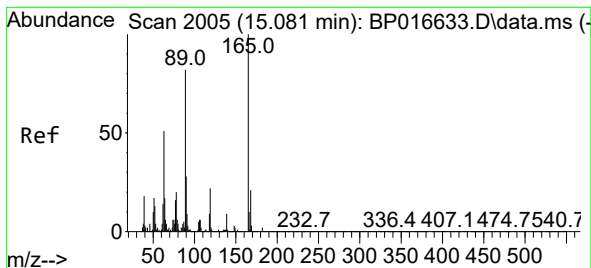
Tgt Ion:109 Resp: 254049
Ion Ratio Lower Upper
109 100
139 126.6 101.1 151.7
65 139.1 108.9 163.3



#56
Dibenzofuran
Concen: 25.961 ng/ul
RT: 15.104 min Scan# 2009
Delta R.T. -0.000 min
Lab File: BP016637.D
Acq: 18 Aug 2023 11:50

Tgt Ion:168 Resp: 1824175
Ion Ratio Lower Upper
168 100
139 38.1 31.4 47.0

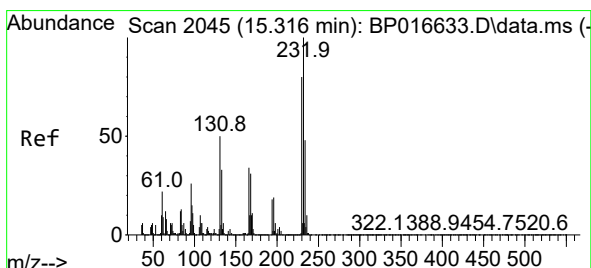
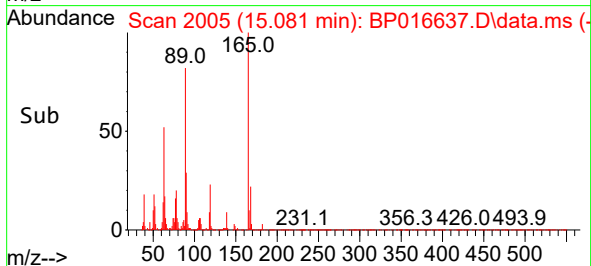
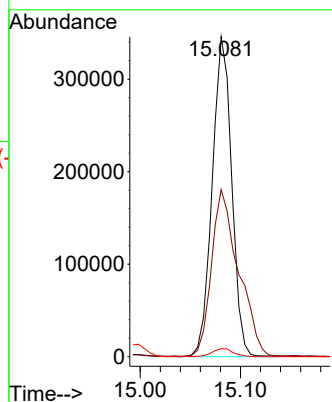
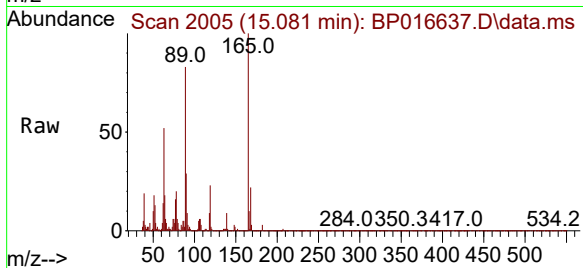




#57
2,4-Dinitrotoluene
Concen: 30.399 ng/ul
RT: 15.081 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BP016637.D
Acq: 18 Aug 2023 11:50

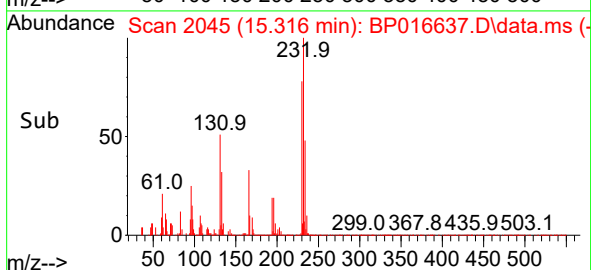
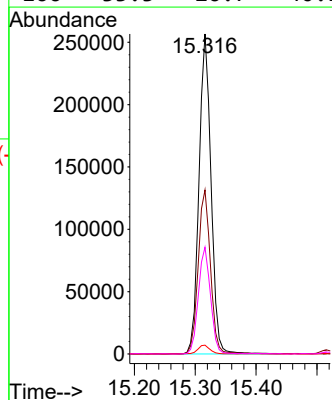
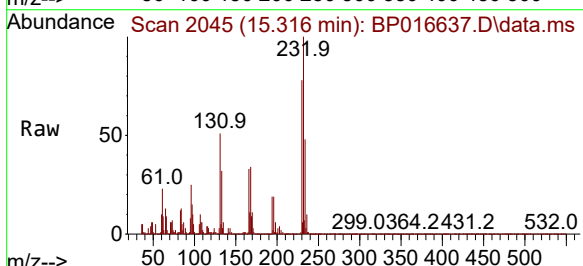
Instrument :
BNA_P
ClientSampleId :
A48H5MS

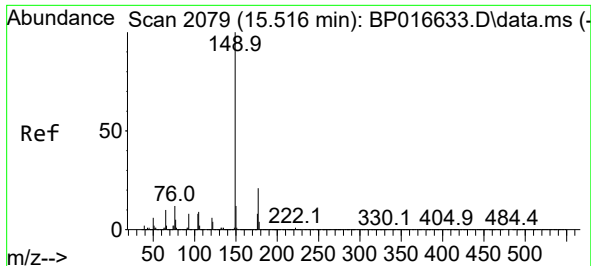
Tgt Ion:165 Resp: 466592
Ion Ratio Lower Upper
165 100
63 52.2 40.4 60.6
182 2.5 1.9 2.9



#58
2,3,4,6-Tetrachlorophenol
Concen: 29.107 ng/ul
RT: 15.316 min Scan# 2045
Delta R.T. -0.000 min
Lab File: BP016637.D
Acq: 18 Aug 2023 11:50

Tgt Ion:232 Resp: 352120
Ion Ratio Lower Upper
232 100
131 51.2 42.9 64.3
130 2.8 2.2 3.4
166 33.3 26.7 40.1

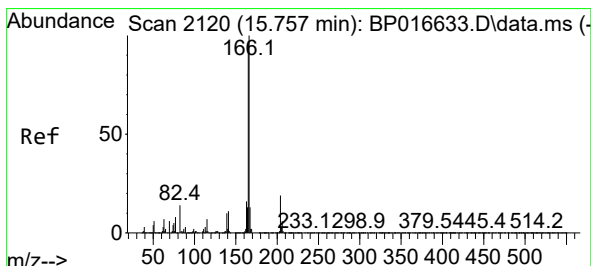
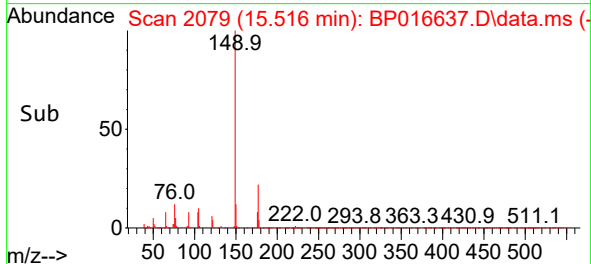
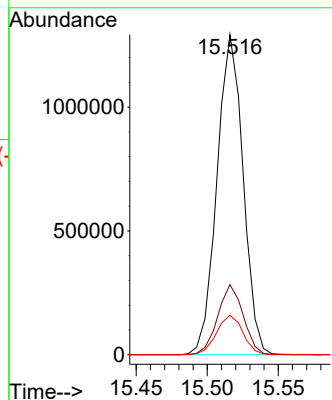
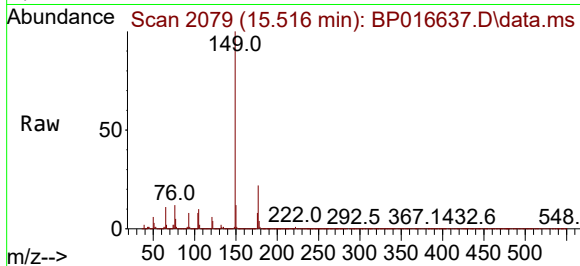




#59
Diethylphthalate
Concen: 27.308 ng/ul
RT: 15.516 min Scan# 2079
Delta R.T. -0.000 min
Lab File: BP016637.D
Acq: 18 Aug 2023 11:50

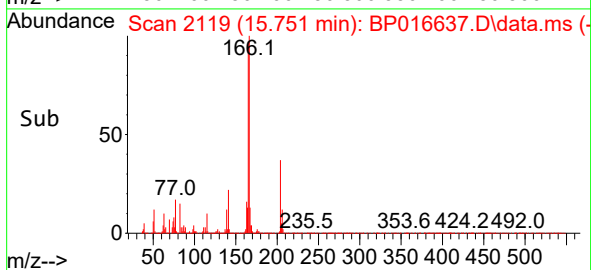
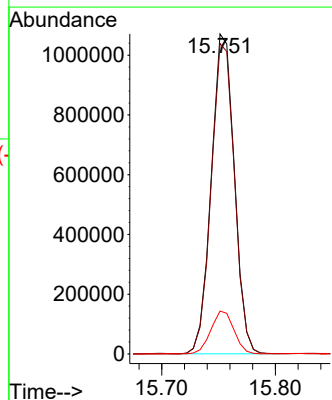
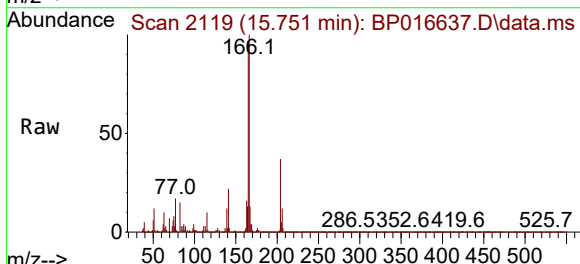
Instrument :
BNA_P
ClientSampleId :
A48H5MS

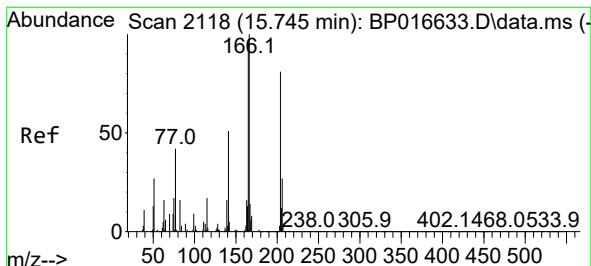
Tgt Ion:149 Resp: 1652258
Ion Ratio Lower Upper
149 100
177 21.9 16.5 24.7
150 12.3 10.0 15.0



#61
Fluorene
Concen: 26.256 ng/ul
RT: 15.751 min Scan# 2119
Delta R.T. -0.000 min
Lab File: BP016637.D
Acq: 18 Aug 2023 11:50

Tgt Ion:166 Resp: 1512729
Ion Ratio Lower Upper
166 100
165 97.0 78.3 117.5
167 13.4 10.8 16.2

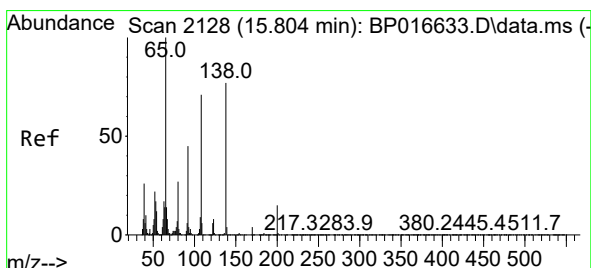
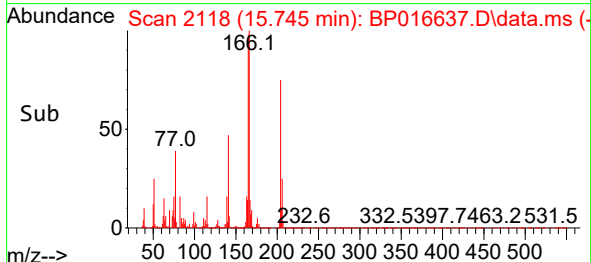
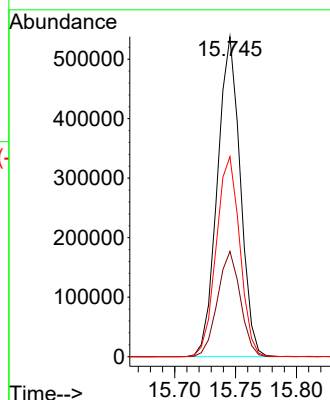
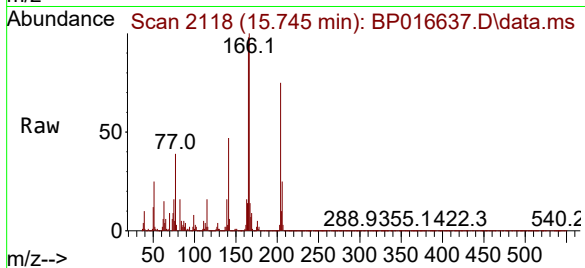




#62
4-Chlorophenyl-phenylether
Concen: 25.998 ng/ul
RT: 15.745 min Scan# 2118
Delta R.T. -0.000 min
Lab File: BP016637.D
Acq: 18 Aug 2023 11:50

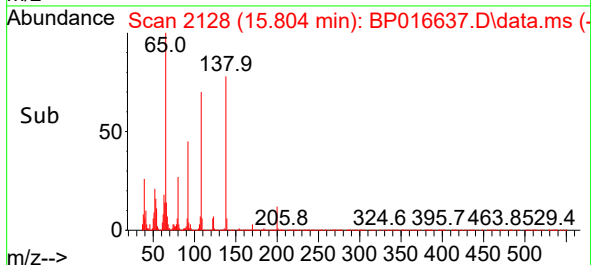
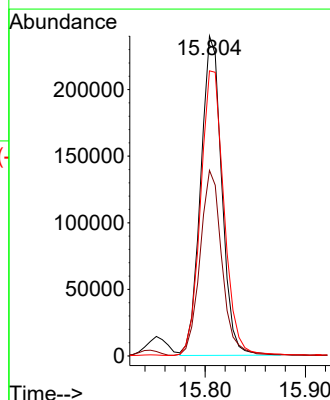
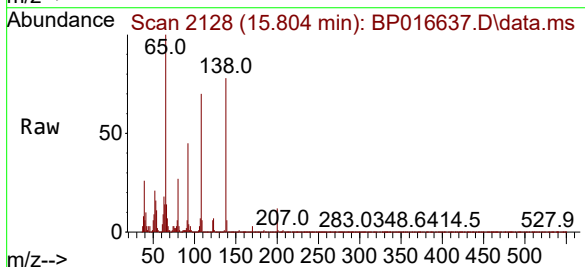
Instrument :
BNA_P
ClientSampleId :
A48H5MS

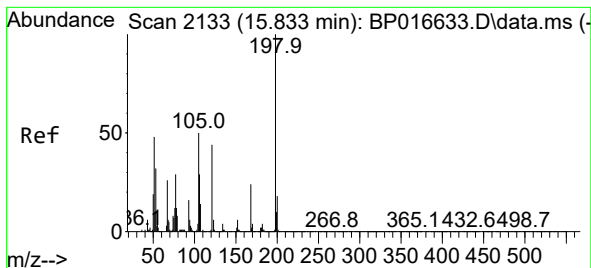
Tgt Ion:204 Resp: 703133
Ion Ratio Lower Upper
204 100
206 32.9 25.5 38.3
141 62.5 52.2 78.2



#63
4-Nitroaniline
Concen: 31.920 ng/ul
RT: 15.804 min Scan# 2128
Delta R.T. -0.000 min
Lab File: BP016637.D
Acq: 18 Aug 2023 11:50

Tgt Ion:138 Resp: 351077
Ion Ratio Lower Upper
138 100
92 58.0 46.7 70.1
108 89.1 73.7 110.5

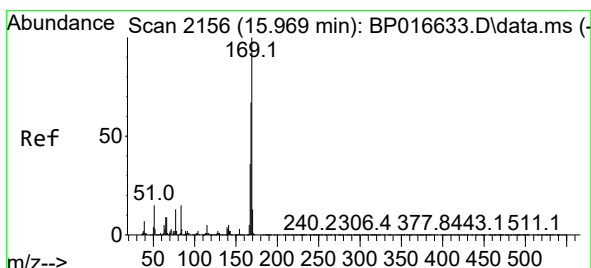
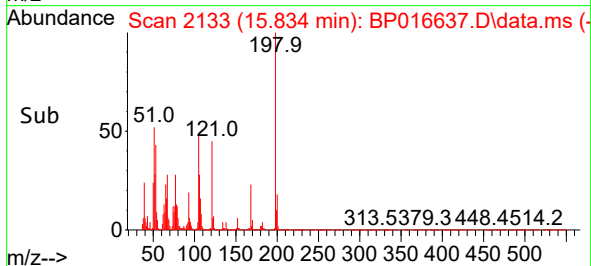
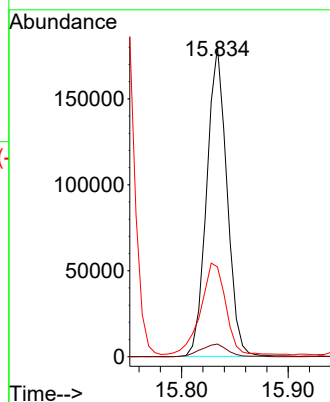
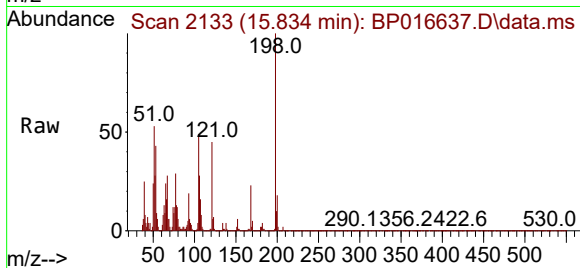




#66
 4,6-Dinitro-2-methylphenol
 Concen: 25.834 ng/ul
 RT: 15.834 min Scan# 2133
 Delta R.T. 0.006 min
 Lab File: BP016637.D
 Acq: 18 Aug 2023 11:50

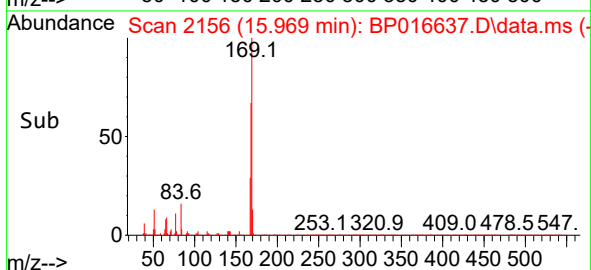
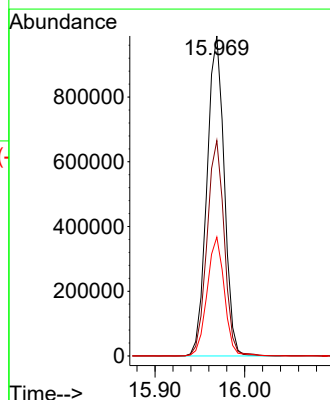
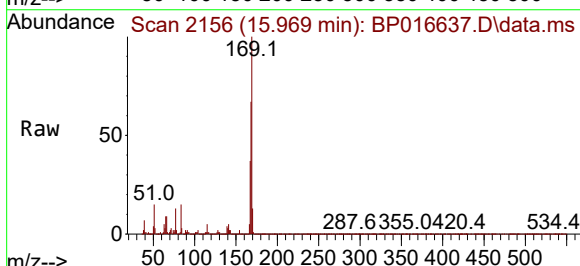
Instrument :
 BNA_P
 ClientSampleId :
 A48H5MS

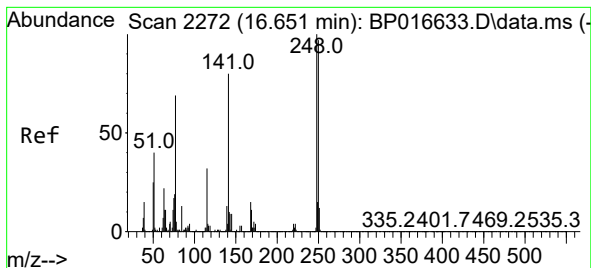
Tgt Ion:198 Resp: 237649
 Ion Ratio Lower Upper
 198 100
 182 4.1 3.9 5.9
 77 28.9 25.8 38.6



#67
 N-Nitrosodiphenylamine
 Concen: 27.964 ng/ul
 RT: 15.969 min Scan# 2156
 Delta R.T. 0.006 min
 Lab File: BP016637.D
 Acq: 18 Aug 2023 11:50

Tgt Ion:169 Resp: 1321917
 Ion Ratio Lower Upper
 169 100
 168 67.3 53.9 80.9
 167 37.2 29.0 43.6

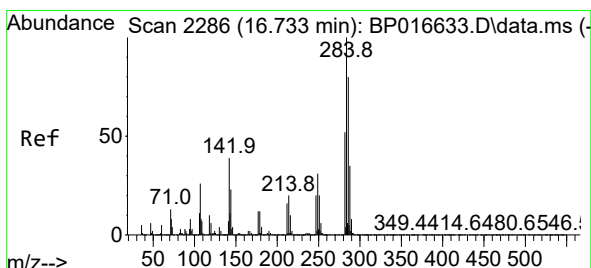
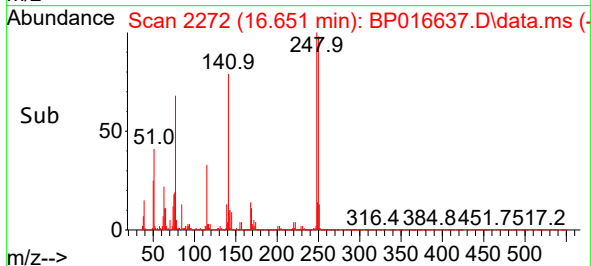
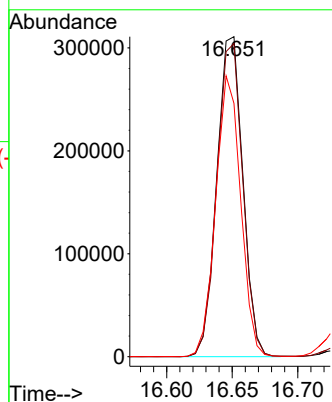
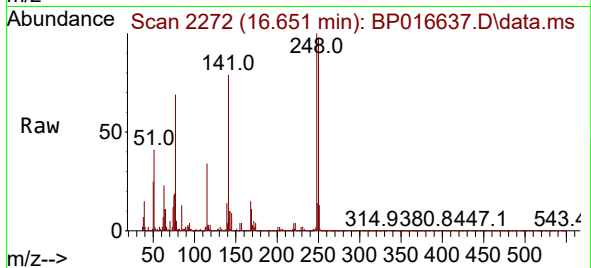




#68
4-Bromophenyl-phenylether
Concen: 27.615 ng/ul
RT: 16.651 min Scan# 2272
Delta R.T. 0.006 min
Lab File: BP016637.D
Acq: 18 Aug 2023 11:50

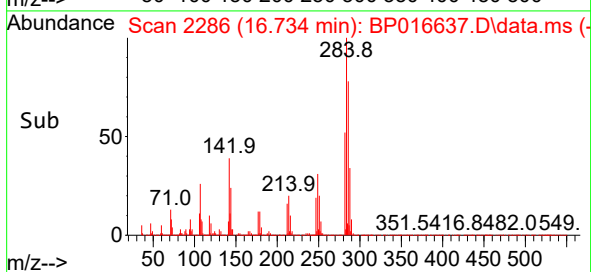
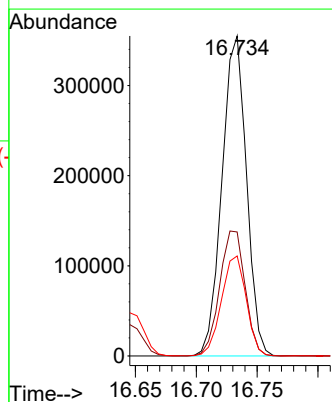
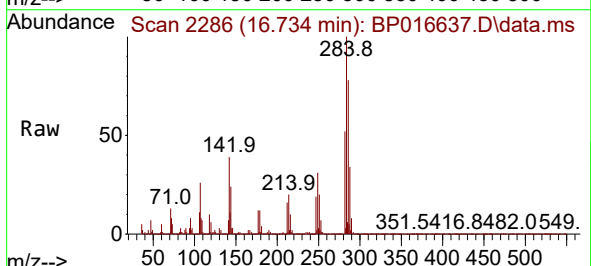
Instrument :
BNA_P
ClientSampleId :
A48H5MS

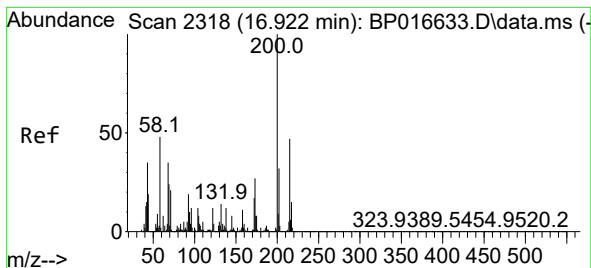
Tgt Ion:248 Resp: 429994
Ion Ratio Lower Upper
248 100
250 97.9 76.9 115.3
141 79.1 67.6 101.4



#69
Hexachlorobenzene
Concen: 27.288 ng/ul
RT: 16.734 min Scan# 2286
Delta R.T. 0.006 min
Lab File: BP016637.D
Acq: 18 Aug 2023 11:50

Tgt Ion:284 Resp: 496481
Ion Ratio Lower Upper
284 100
142 38.8 31.9 47.9
249 31.3 24.7 37.1





#70

Atrazine

Concen: 26.108 ng/ul

RT: 16.922 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP016637.D

Acq: 18 Aug 2023 11:50

Instrument :

BNA_P

ClientSampleId :

A48H5MS

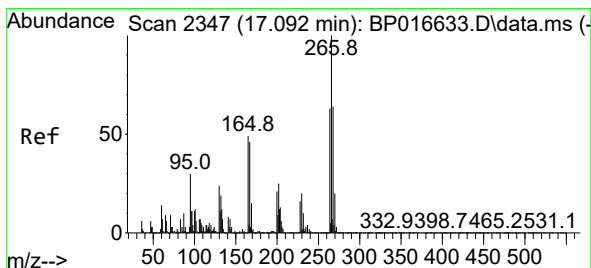
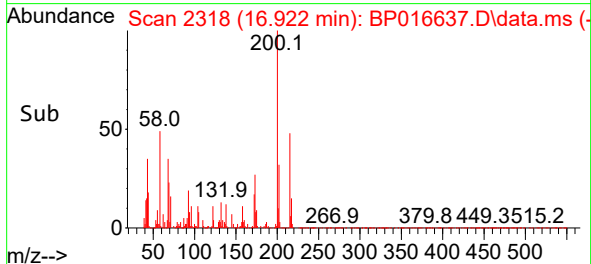
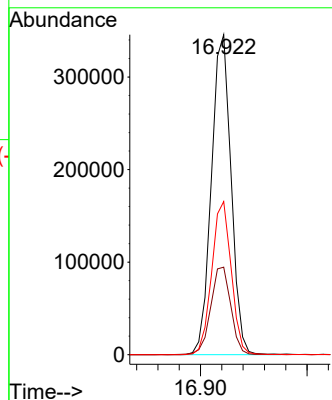
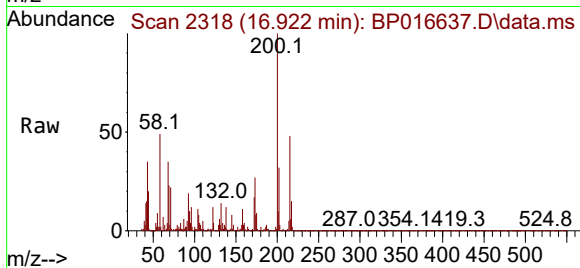
Tgt Ion:200 Resp: 444017

Ion Ratio Lower Upper

200 100

173 27.3 22.2 33.2

215 47.9 38.4 57.6



#71

Pentachlorophenol

Concen: 22.858 ng/ul

RT: 17.092 min Scan# 2347

Delta R.T. -0.000 min

Lab File: BP016637.D

Acq: 18 Aug 2023 11:50

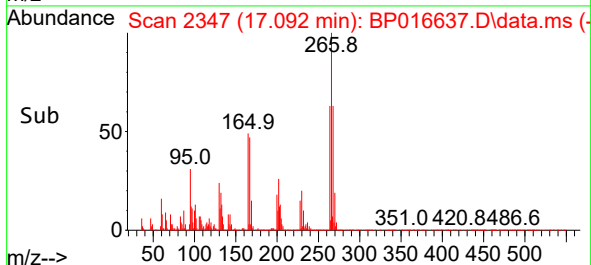
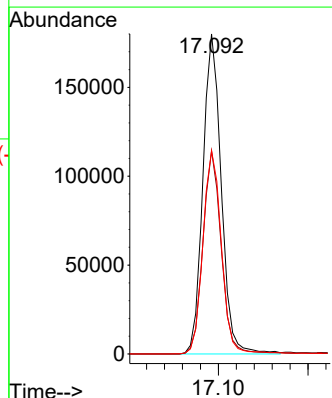
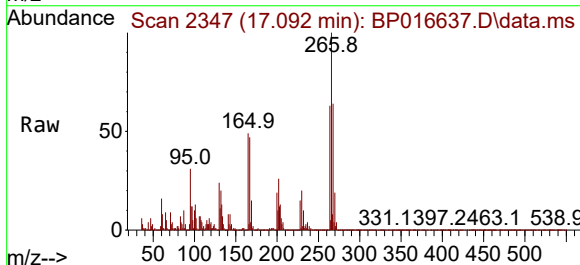
Tgt Ion:266 Resp: 256055

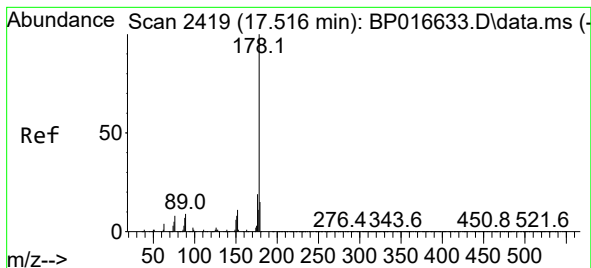
Ion Ratio Lower Upper

266 100

264 63.5 50.7 76.1

268 63.5 53.0 79.6





#72

Phenanthrene

Concen: 27.204 ng/ul

RT: 17.516 min Scan# 2419

Delta R.T. 0.006 min

Lab File: BP016637.D

Acq: 18 Aug 2023 11:50

Instrument :

BNA_P

ClientSampleId :

A48H5MS

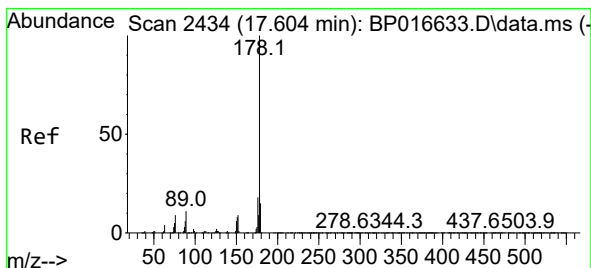
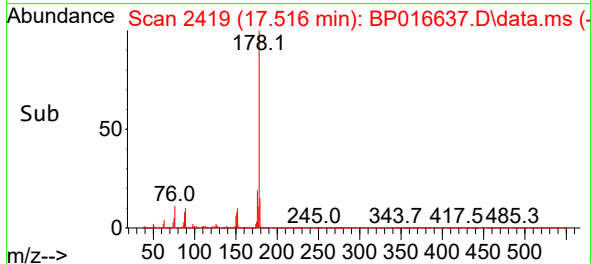
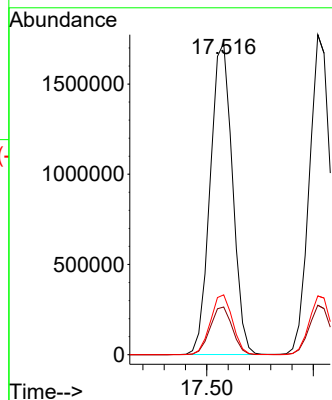
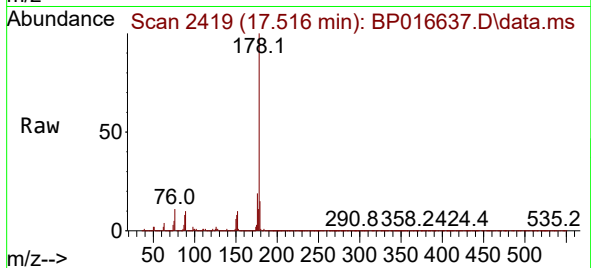
Tgt Ion:178 Resp: 2499441

Ion Ratio Lower Upper

178 100

179 15.3 12.4 18.6

176 19.2 15.5 23.3



#74

Anthracene

Concen: 26.649 ng/ul

RT: 17.604 min Scan# 2434

Delta R.T. -0.000 min

Lab File: BP016637.D

Acq: 18 Aug 2023 11:50

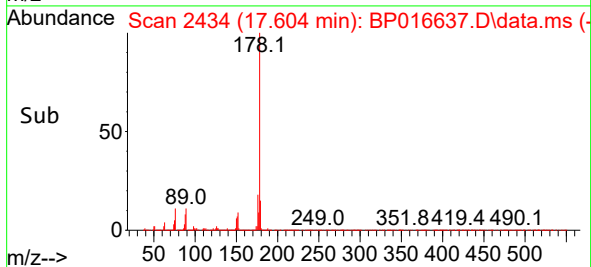
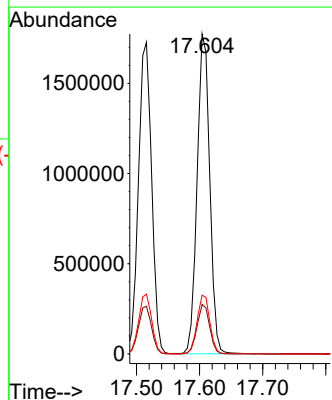
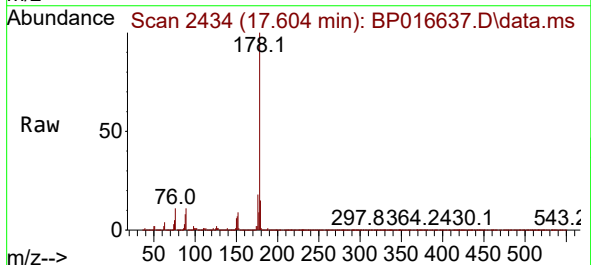
Tgt Ion:178 Resp: 2459343

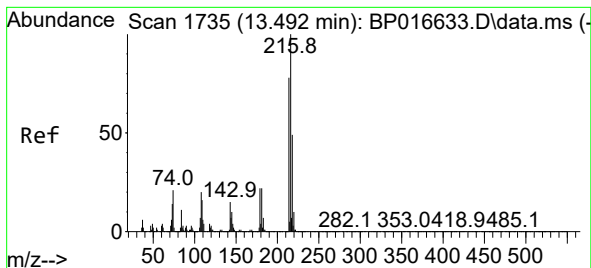
Ion Ratio Lower Upper

178 100

179 15.5 12.5 18.7

176 18.3 14.9 22.3

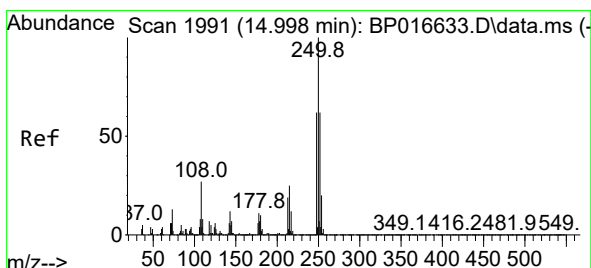
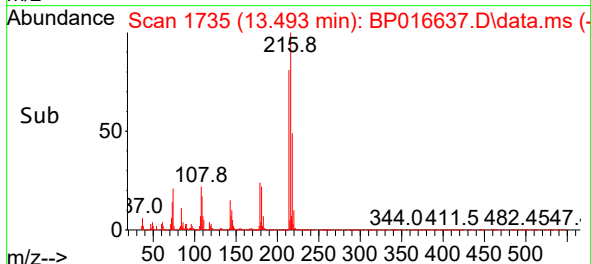
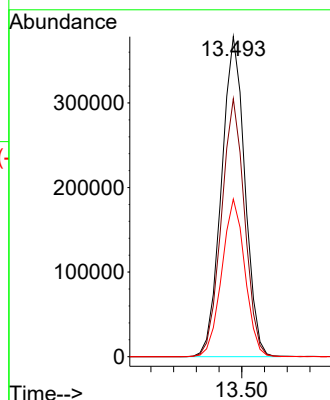
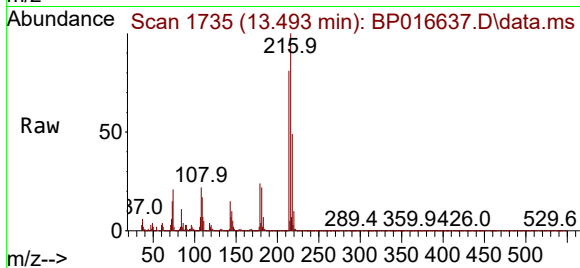




#75
1,2,3,4-Tetrachlorobenzene
Concen: 24.475 ng/uL
RT: 13.493 min Scan# 1735
Delta R.T. -0.000 min
Lab File: BP016637.D
Acq: 18 Aug 2023 11:50

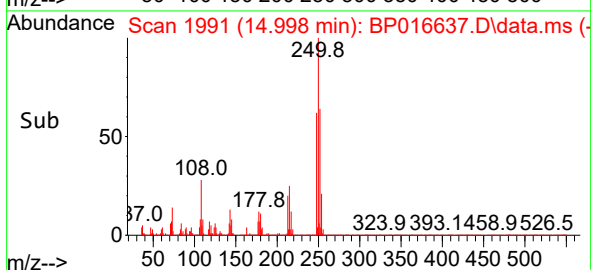
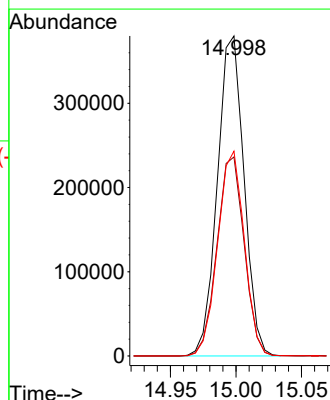
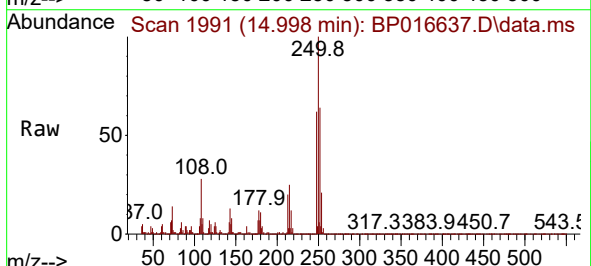
Instrument :
BNA_P
ClientSampleId :
A48H5MS

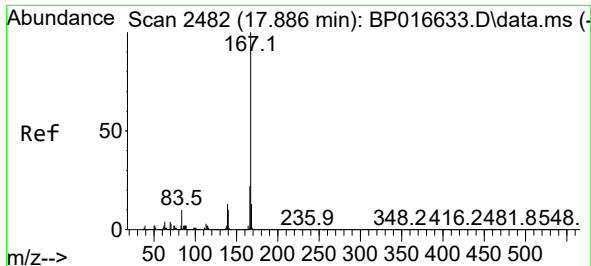
Tgt Ion:216 Resp: 542440
Ion Ratio Lower Upper
216 100
214 80.6 65.4 98.2
218 49.3 39.3 58.9



#76
Pentachlorobenzene
Concen: 27.011 ng/uL
RT: 14.998 min Scan# 1991
Delta R.T. 0.006 min
Lab File: BP016637.D
Acq: 18 Aug 2023 11:50

Tgt Ion:250 Resp: 537140
Ion Ratio Lower Upper
250 100
248 62.2 50.2 75.2
252 64.0 51.0 76.4

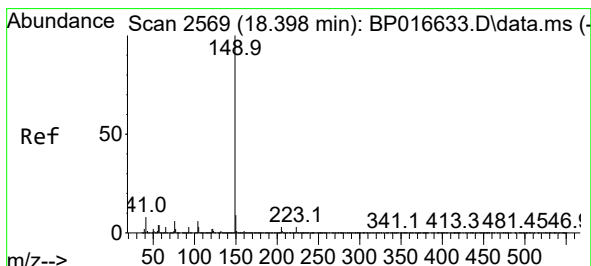
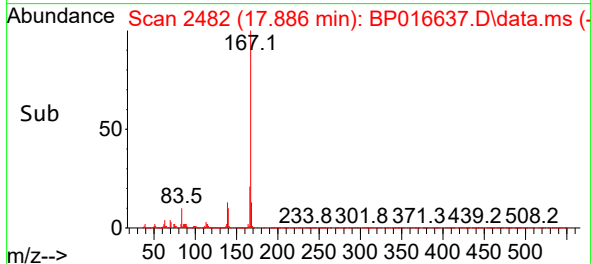
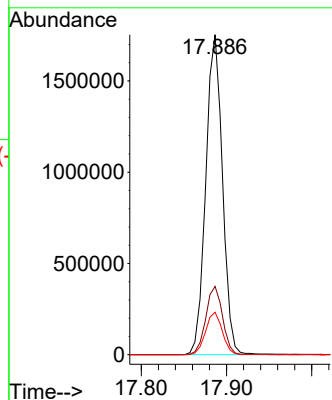
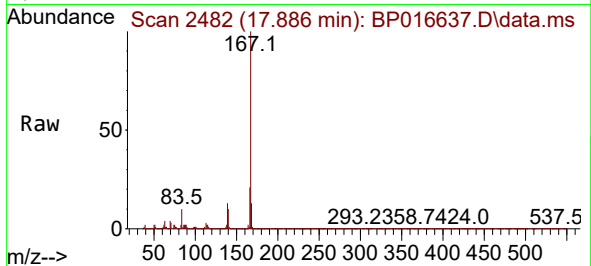




#77
 Carbazole
 Concen: 28.038 ng/ul
 RT: 17.886 min Scan# 2482
 Delta R.T. 0.006 min
 Lab File: BP016637.D
 Acq: 18 Aug 2023 11:50

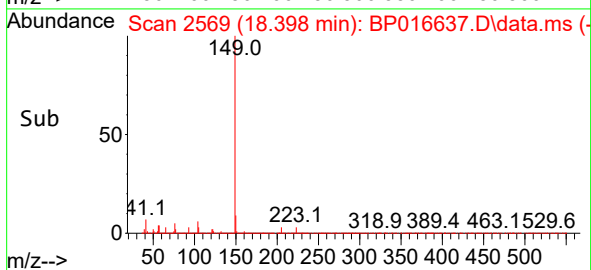
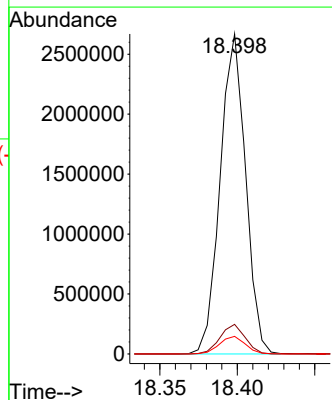
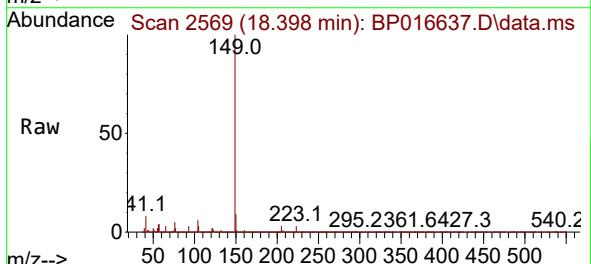
Instrument :
 BNA_P
 ClientSampleId :
 A48H5MS

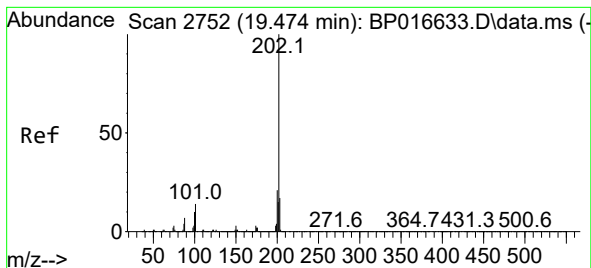
Tgt Ion:167 Resp: 2384567
 Ion Ratio Lower Upper
 167 100
 166 21.4 16.8 25.2
 139 13.3 10.6 16.0



#78
 Di-n-butylphthalate
 Concen: 30.874 ng/ul
 RT: 18.398 min Scan# 2569
 Delta R.T. 0.006 min
 Lab File: BP016637.D
 Acq: 18 Aug 2023 11:50

Tgt Ion:149 Resp: 3039568
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 5.5 4.6 6.8





#80

Fluoranthene

Concen: 30.228 ng/ul

RT: 19.475 min Scan# 2752

Delta R.T. 0.006 min

Lab File: BP016637.D

Acq: 18 Aug 2023 11:50

Instrument :

BNA_P

ClientSampleId :

A48H5MS

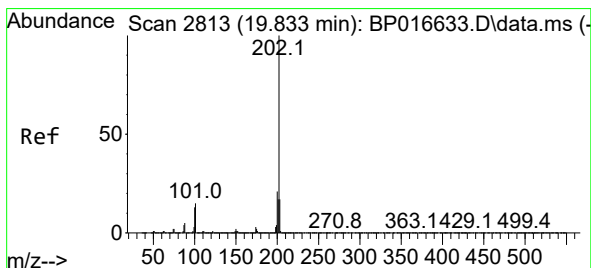
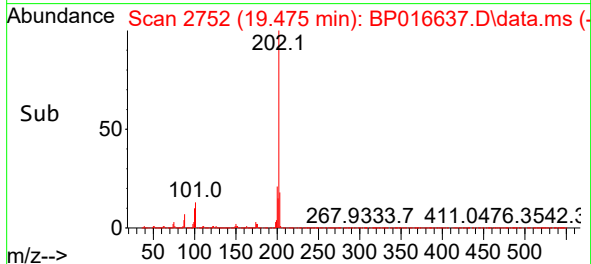
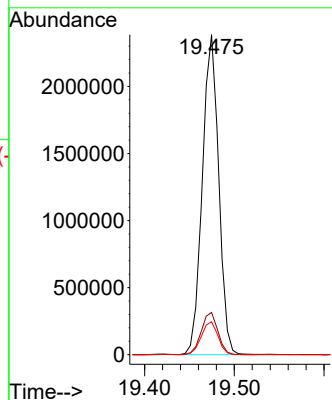
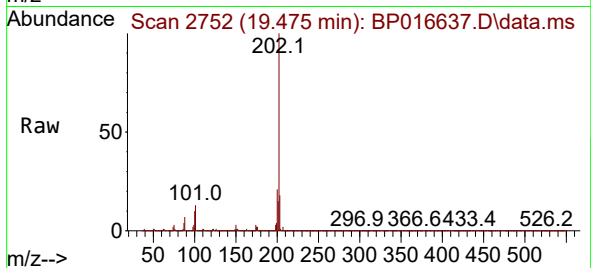
Tgt Ion:202 Resp: 3015071

Ion Ratio Lower Upper

202 100

101 13.2 10.6 16.0

100 10.3 8.1 12.1



#82

Pyrene

Concen: 29.267 ng/ul

RT: 19.833 min Scan# 2813

Delta R.T. 0.006 min

Lab File: BP016637.D

Acq: 18 Aug 2023 11:50

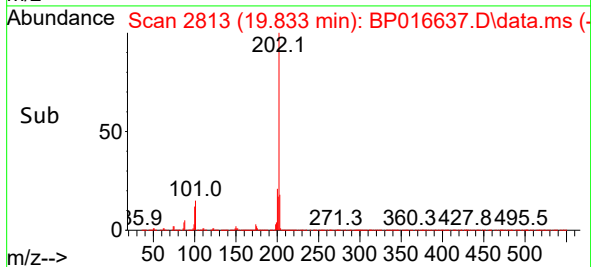
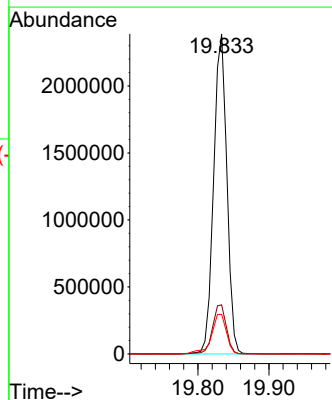
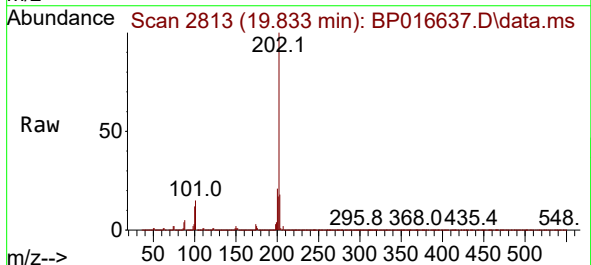
Tgt Ion:202 Resp: 3082620

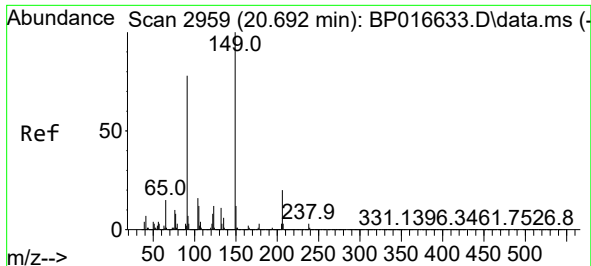
Ion Ratio Lower Upper

202 100

101 15.4 13.4 20.2

100 12.4 11.0 16.4

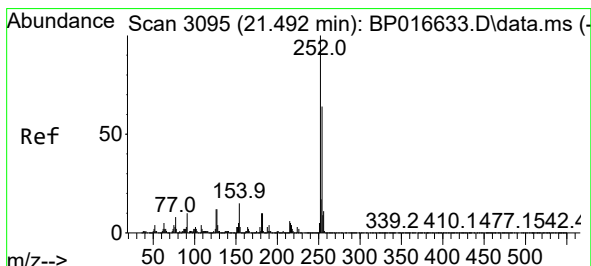
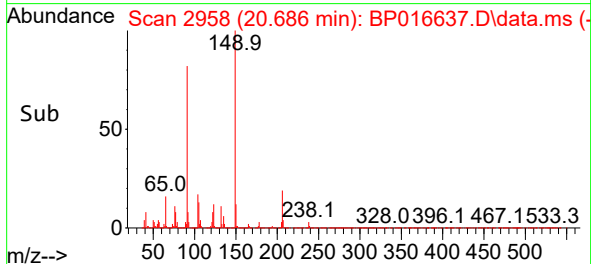
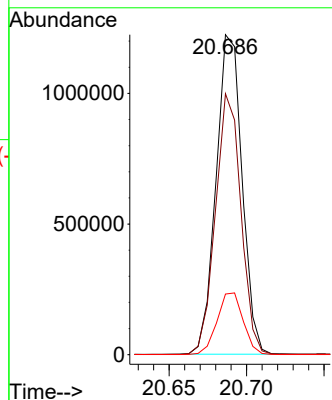
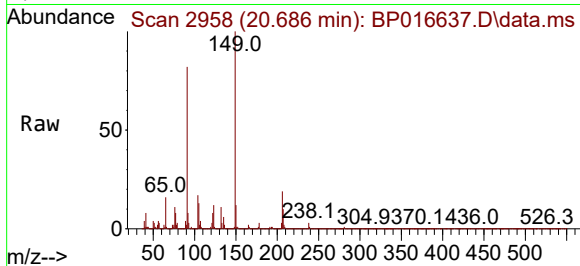




#83
Butylbenzylphthalate
Concen: 33.695 ng/ul
RT: 20.686 min Scan# 2958
Delta R.T. -0.000 min
Lab File: BP016637.D
Acq: 18 Aug 2023 11:50

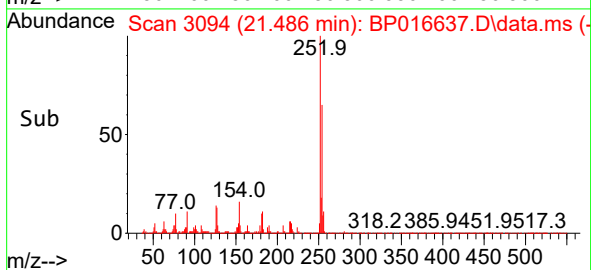
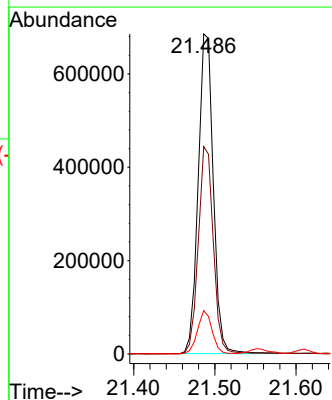
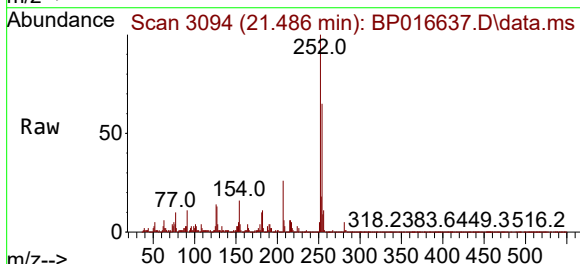
Instrument :
BNA_P
ClientSampleId :
A48H5MS

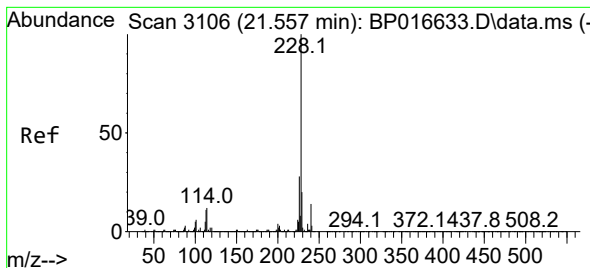
Tgt Ion:149 Resp: 1429683
Ion Ratio Lower Upper
149 100
91 81.5 67.8 101.6
206 18.9 14.4 21.6



#84
3,3'-Dichlorobenzidine
Concen: 25.645 ng/ul
RT: 21.486 min Scan# 3094
Delta R.T. 0.006 min
Lab File: BP016637.D
Acq: 18 Aug 2023 11:50

Tgt Ion:252 Resp: 890667
Ion Ratio Lower Upper
252 100
254 64.8 51.3 76.9
126 13.6 10.2 15.4





#85

Benzo(a)anthracene

Concen: 27.581 ng/ul

RT: 21.551 min Scan# 3106

Delta R.T. 0.006 min

Lab File: BP016637.D

Acq: 18 Aug 2023 11:50

Instrument :

BNA_P

ClientSampleId :

A48H5MS

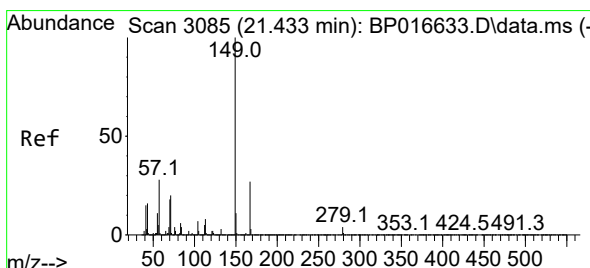
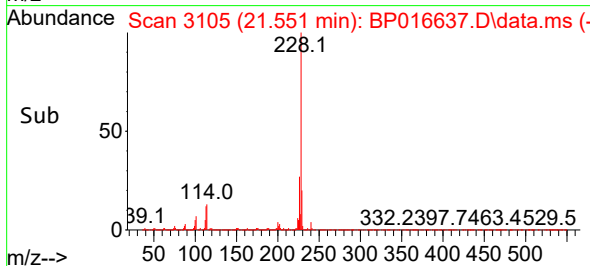
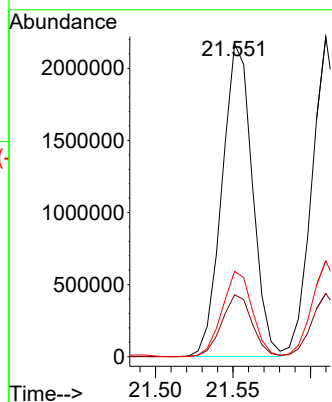
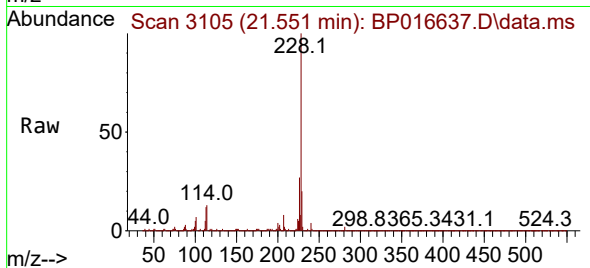
Tgt Ion:228 Resp: 2956386

Ion Ratio Lower Upper

228 100

229 19.8 15.8 23.6

226 27.3 21.8 32.6



#86

Bis(2-ethylhexyl)phthalate

Concen: 34.443 ng/ul

RT: 21.427 min Scan# 3084

Delta R.T. 0.006 min

Lab File: BP016637.D

Acq: 18 Aug 2023 11:50

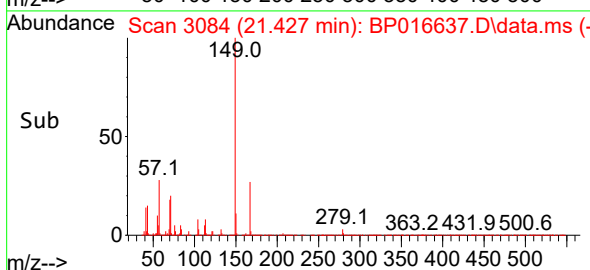
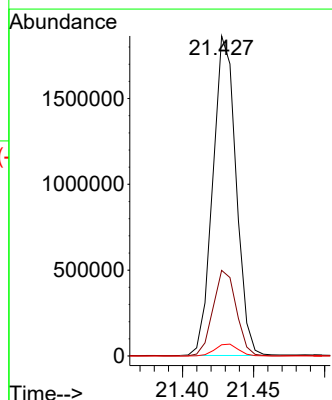
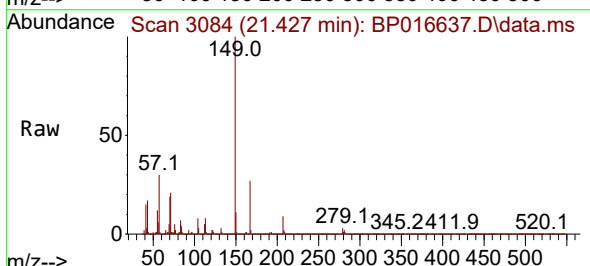
Tgt Ion:149 Resp: 2120972

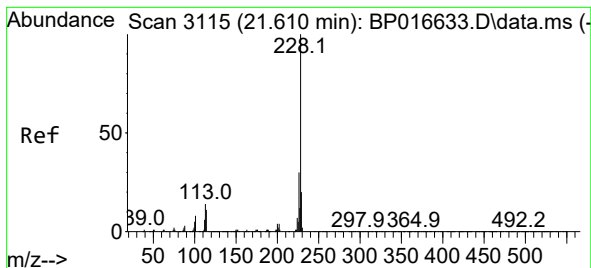
Ion Ratio Lower Upper

149 100

167 26.7 20.9 31.3

279 3.5 2.6 4.0





#87

Chrysene

Concen: 27.900 ng/ul

RT: 21.610 min Scan# 3115

Delta R.T. 0.006 min

Lab File: BP016637.D

Acq: 18 Aug 2023 11:50

Instrument :

BNA_P

ClientSampleId :

A48H5MS

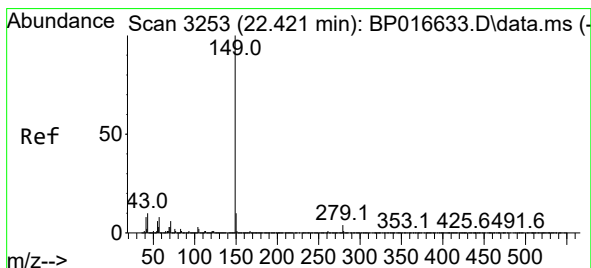
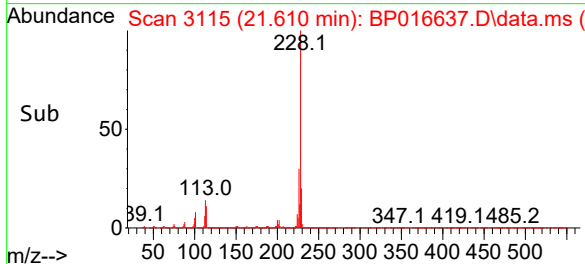
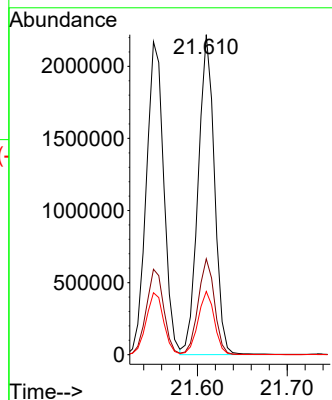
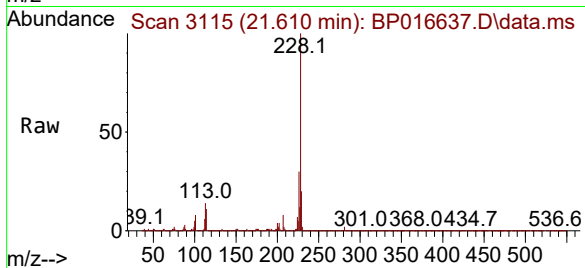
Tgt Ion:228 Resp: 2798526

Ion Ratio Lower Upper

228 100

226 30.0 24.6 36.8

229 19.7 16.4 24.6



#89

Di-n-octyl phthalate

Concen: 35.539 ng/ul

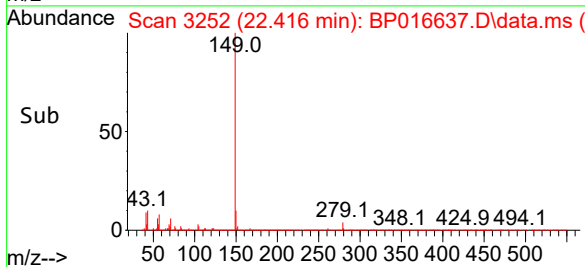
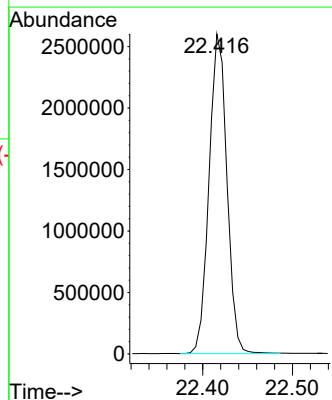
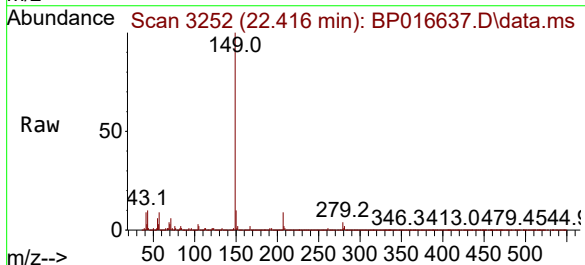
RT: 22.416 min Scan# 3252

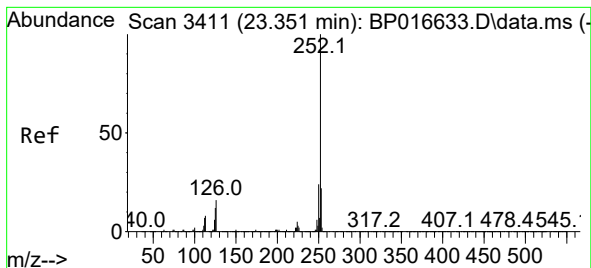
Delta R.T. 0.006 min

Lab File: BP016637.D

Acq: 18 Aug 2023 11:50

Tgt Ion:149 Resp: 3592202





#90

Benzo(b)fluoranthene

Concen: 29.552 ng/ul

RT: 23.351 min Scan# 3411

Delta R.T. 0.012 min

Lab File: BP016637.D

Acq: 18 Aug 2023 11:50

Instrument :

BNA_P

ClientSampleId :

A48H5MS

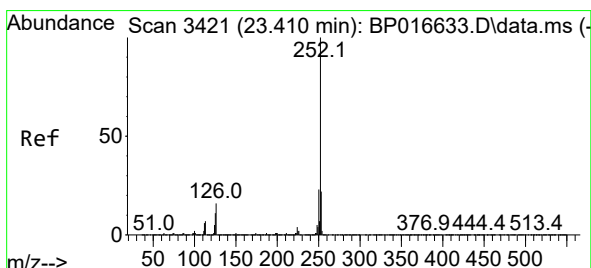
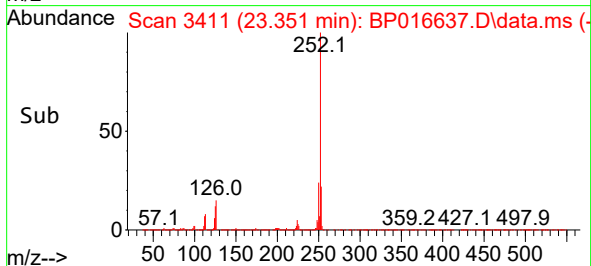
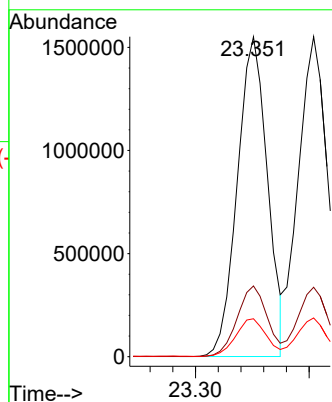
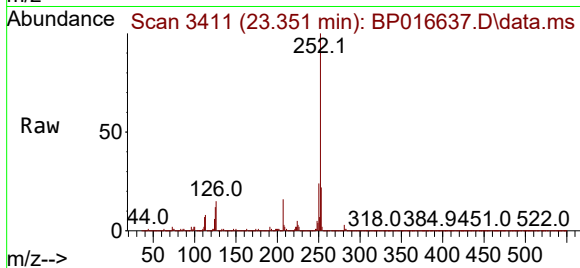
Tgt Ion:252 Resp: 2850355

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

125 11.9 10.0 15.0



#91

Benzo(k)fluoranthene

Concen: 29.226 ng/ul

RT: 23.404 min Scan# 3420

Delta R.T. 0.012 min

Lab File: BP016637.D

Acq: 18 Aug 2023 11:50

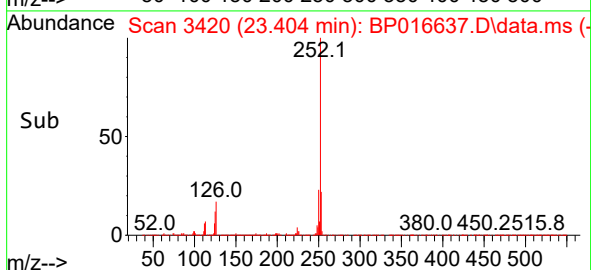
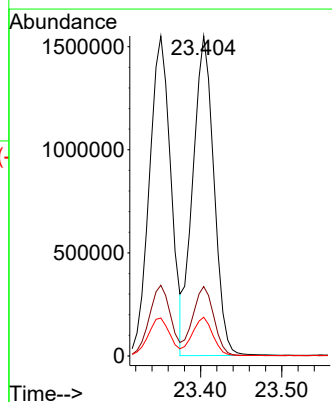
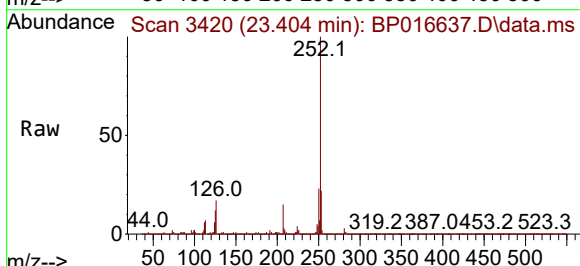
Tgt Ion:252 Resp: 2796558

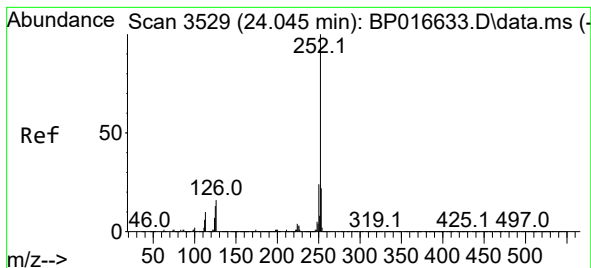
Ion Ratio Lower Upper

252 100

253 21.7 18.0 27.0

125 12.1 9.8 14.8





#93

Benzo(a)pyrene

Concen: 26.215 ng/ul

RT: 24.039 min Scan# 3529

Delta R.T. 0.012 min

Lab File: BP016637.D

Acq: 18 Aug 2023 11:50

Instrument :

BNA_P

ClientSampleId :

A48H5MS

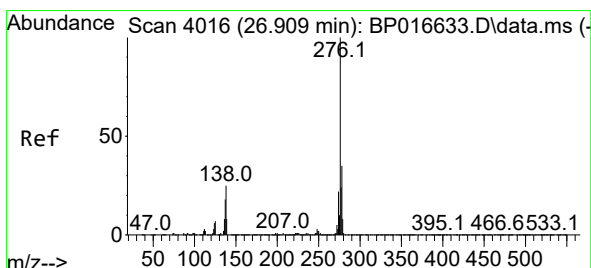
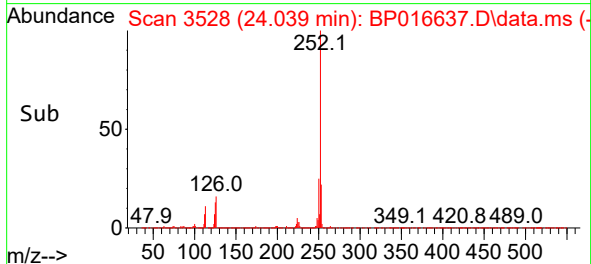
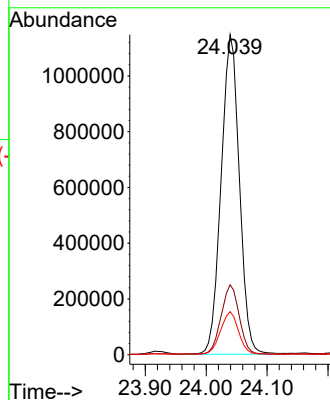
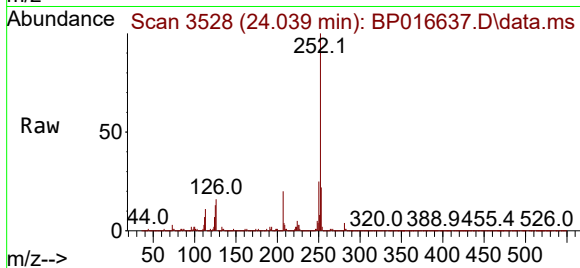
Tgt Ion:252 Resp: 2385136

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 13.5 10.6 15.8



#94

Indeno(1,2,3-cd)pyrene

Concen: 23.540 ng/ul

RT: 26.910 min Scan# 4016

Delta R.T. 0.023 min

Lab File: BP016637.D

Acq: 18 Aug 2023 11:50

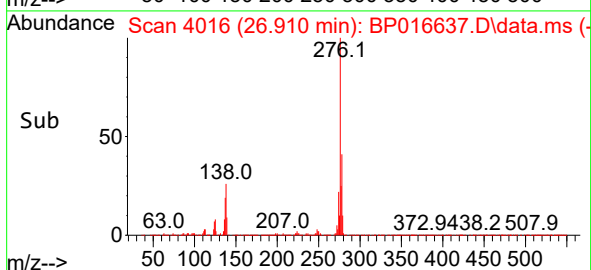
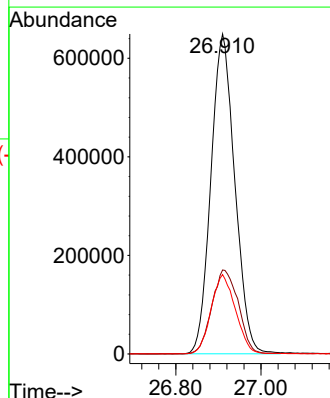
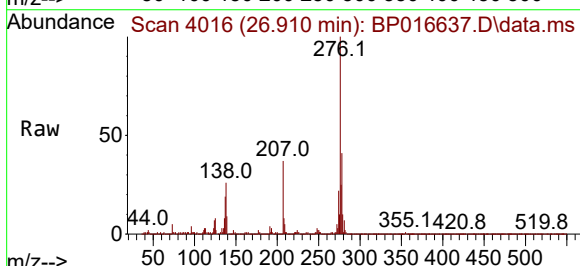
Tgt Ion:276 Resp: 2527846

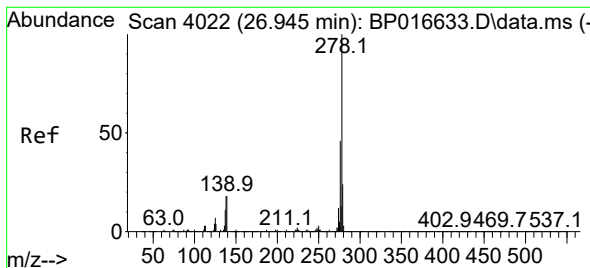
Ion Ratio Lower Upper

276 100

138 26.3 21.7 32.5

277 24.8 19.5 29.3





#95

Dibenzo(a,h)anthracene

Concen: 23.467 ng/ul

RT: 26.939 min Scan# 4021

Delta R.T. 0.023 min

Lab File: BP016637.D

Acq: 18 Aug 2023 11:50

Instrument :

BNA_P

ClientSampleId :

A48H5MS

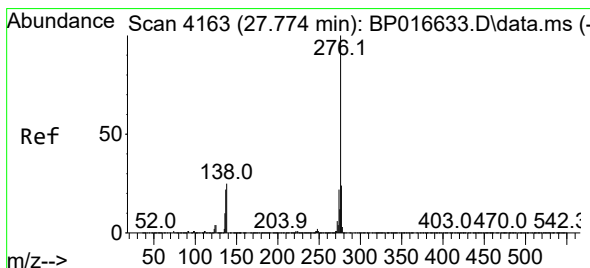
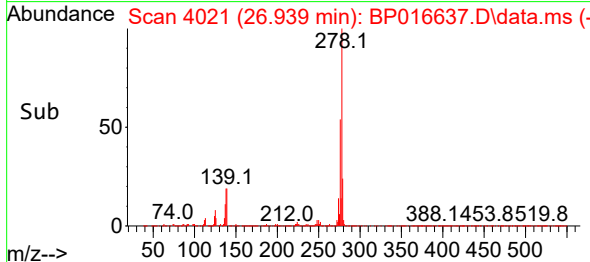
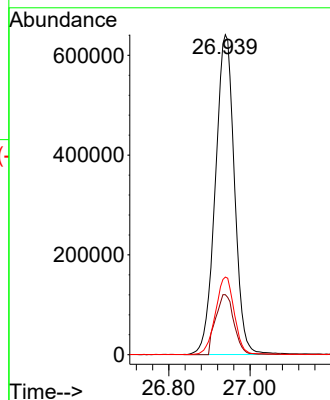
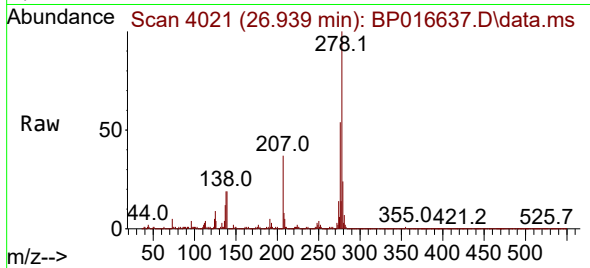
Tgt Ion:278 Resp: 2097104

Ion Ratio Lower Upper

278 100

139 18.8 15.5 23.3

279 24.2 19.1 28.7



#96

Benzo(g,h,i)perylene

Concen: 22.666 ng/ul

RT: 27.768 min Scan# 4162

Delta R.T. 0.024 min

Lab File: BP016637.D

Acq: 18 Aug 2023 11:50

Tgt Ion:276 Resp: 1937161

Ion Ratio Lower Upper

276 100

138 25.3 21.5 32.3

277 24.3 19.3 28.9

