

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
 Data File : BP016868.D
 Acq On : 30 Aug 2023 12:38
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 88 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 31 00:49:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 30 02:25:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.022	152	503962	20.000	ng/u1	0.00
20) Naphthalene-d8	10.852	136	2196258	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.681	164	1357014	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.445	188	2939379	20.000	ng/u1	0.00
79) Chrysene-d12	21.545	240	2463142	20.000	ng/u1	0.00
88) Perylene-d12	24.110	264	2264847	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	90305	7.406	ng/uL	0.00
4) Pyridine-d5	3.811	84	672087	18.036	ng/u1	0.00
7) Phenol-d5	7.164	99	796243	17.768	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.363	67	517044	18.103	ng/u1	0.00
11) 2-Chlorophenol-d4	7.540	132	626911	18.606	ng/u1	0.00
15) 4-Methylphenol-d8	8.728	113	646477	17.672	ng/u1	0.00
21) Nitrobenzene-d5	9.222	128	312096	18.794	ng/u1	0.00
24) 2-Nitrophenol-d4	9.934	143	333830	19.072	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.463	165	620435	19.013	ng/u1	0.00
31) 4-Chloroaniline-d4	11.010	131	897750	17.940	ng/u1	0.00
46) Dimethylphthalate-d6	14.087	166	1833901	17.920	ng/u1	0.00
49) Acenaphthylene-d8	14.375	160	2188378	18.916	ng/u1	0.00
54) 4-Nitrophenol-d4	14.887	143	332586	15.723	ng/u1	0.00
60) Fluorene-d10	15.675	176	1601098	18.579	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.798	200	266618	15.231	ng/u1	0.00
73) Anthracene-d10	17.545	188	2440615	18.732	ng/u1	0.00
81) Pyrene-d10	19.780	212	2751455	20.339	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.939	264	2101368	18.523	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.417	88	95530	7.194	ng/uL	98
5) Pyridine	3.834	79	695277	18.114	ng/u1	98
6) Benzaldehyde	7.181	77	517308	21.109	ng/u1	99
8) Phenol	7.193	94	838394	17.877	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.458	93	677519	17.898	ng/u1	98
12) 2-Chlorophenol	7.575	128	643097	18.673	ng/u1	98
13) 2-Methylphenol	8.458	108	621408	17.664	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.534	45	608182	11.014	ng/u1	100
16) Acetophenone	8.869	105	1032671	18.205	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.846	70	541132	18.102	ng/u1	100
18) 4-Methylphenol	8.793	108	683753	17.849	ng/u1	100
19) Hexachloroethane	9.093	117	258036	18.007	ng/u1	99
22) Nitrobenzene	9.263	77	799849	18.775	ng/u1	99
23) Isophorone	9.781	82	1497460	18.098	ng/u1	100
25) 2-Nitrophenol	9.969	139	364042	18.809	ng/u1	100
26) 2,4-Dimethylphenol	10.005	107	722860	18.582	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.263	93	918764	17.998	ng/u1	99
29) 2,4-Dichlorophenol	10.487	162	622019	18.976	ng/u1	99
30) Naphthalene	10.904	128	2110929	18.554	ng/u1	99
32) 4-Chloroaniline	11.034	127	886124	18.018	ng/u1	98
33) Hexachlorobutadiene	11.134	225	366538	18.153	ng/u1	99
34) Caprolactam	11.857	113	204409	16.910	ng/u1	98
35) 4-Chloro-3-methylphenol	12.128	107	676423	18.402	ng/u1	99
36) 2-Methylnaphthalene	12.504	142	1444267	18.392	ng/u1	99

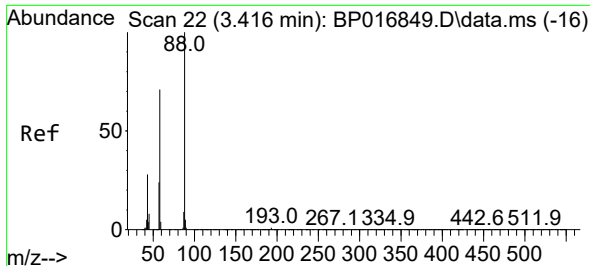
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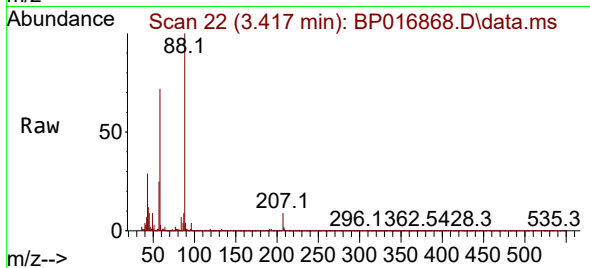
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.722	142	1461213	18.452	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.851	216	723371	18.703	ng/ul	99
40) Hexachlorocyclopentadiene	12.804	237	524503	18.441	ng/ul	99
41) 2,4,6-Trichlorophenol	13.104	196	491721	19.038	ng/ul	98
42) 2,4,5-Trichlorophenol	13.175	196	519066	18.572	ng/ul	99
43) 1,1'-Biphenyl	13.510	154	1889102	18.724	ng/ul	100
44) 2-Chloronaphthalene	13.557	162	1496031	18.783	ng/ul	99
45) 2-Nitroaniline	13.793	65	451829	18.705	ng/ul	98
47) Dimethylphthalate	14.140	163	1867872	18.022	ng/ul	100
48) 2,6-Dinitrotoluene	14.281	165	366645	18.054	ng/ul	99
50) Acenaphthylene	14.404	152	2483548	18.756	ng/ul	99
51) 3-Nitroaniline	14.616	138	382902	18.106	ng/ul	98
52) Acenaphthene	14.740	153	1626157	18.563	ng/ul	99
53) 2,4-Dinitrophenol	14.816	184	225406	15.274	ng/ul	99
55) 4-Nitrophenol	14.898	109	254545	15.934	ng/ul	97
56) Dibenzofuran	15.075	168	2220711	18.475	ng/ul	99
57) 2,4-Dinitrotoluene	15.063	165	546553	18.284	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.292	232	428092	17.992	ng/ul	100
59) Diethylphthalate	15.492	149	1860018	17.666	ng/ul	99
61) Fluorene	15.728	166	1840858	18.310	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.722	204	889969	18.030	ng/ul	99
63) 4-Nitroaniline	15.787	138	362879	18.033	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.810	198	292102	15.478	ng/ul	97
67) N-Nitrosodiphenylamine	15.945	169	1530749	18.829	ng/ul	100
68) 4-Bromophenyl-phenylether	16.622	248	514659	18.262	ng/ul	96
69) Hexachlorobenzene	16.704	284	569588	18.052	ng/ul	97
70) Atrazine	16.898	200	563086	18.371	ng/ul	100
71) Pentachlorophenol	17.069	266	405072	17.294	ng/ul	99
72) Phenanthrene	17.486	178	2878800	18.604	ng/ul	99
74) Anthracene	17.581	178	2934865	18.757	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.463	216	761804	19.356	ng/ul	99
76) Pentachlorobenzene	14.969	250	660234	18.771	ng/ul	99
77) Carbazole	17.863	167	2640985	18.741	ng/ul	100
78) Di-n-butylphthalate	18.375	149	3232192	18.385	ng/ul	100
80) Fluoranthene	19.451	202	3316889	20.411	ng/ul	99
82) Pyrene	19.810	202	3438649	20.485	ng/ul	98
83) Butylbenzylphthalate	20.663	149	1459673	20.163	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.463	252	935779	17.774	ng/ul	100
85) Benzo(a)anthracene	21.527	228	3192902	18.819	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.398	149	2140822	20.253	ng/ul	99
87) Chrysene	21.586	228	2884677	18.718	ng/ul	100
89) Di-n-octyl phthalate	22.380	149	3508026	20.568	ng/ul	100
90) Benzo(b)fluoranthene	23.310	252	2645719	18.294	ng/ul	100
91) Benzo(k)fluoranthene	23.363	252	2673063	18.688	ng/ul	99
93) Benzo(a)pyrene	23.992	252	2417255	18.478	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.833	276	2573516	19.252	ng/ul	98
95) Dibenzo(a,h)anthracene	26.862	278	2125188	19.141	ng/ul	99
96) Benzo(g,h,i)perylene	27.692	276	2022599	19.957	ng/ul	98

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

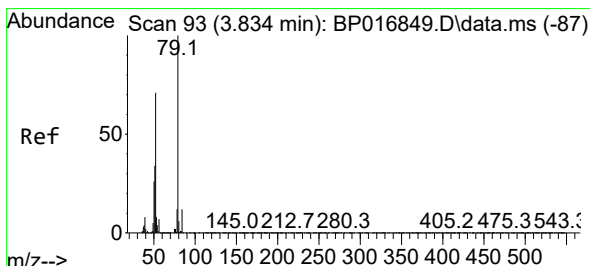
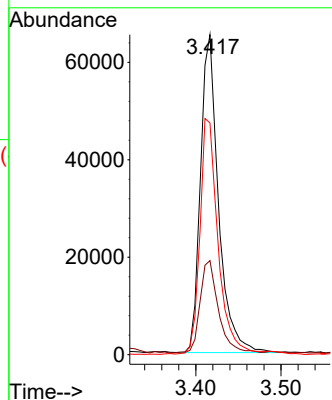
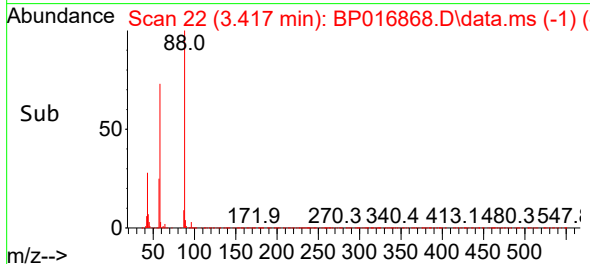


#2
 1,4-Dioxane
 Concen: 7.194 ng/uL
 RT: 3.417 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP016868.D
 Acq: 30 Aug 2023 12:38

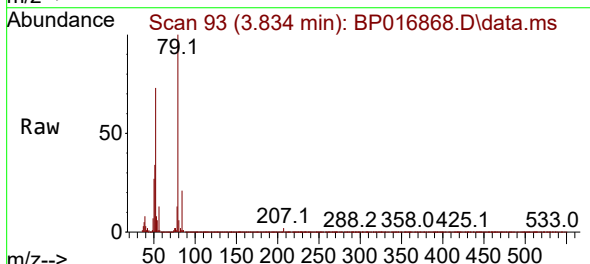
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 BNA_P
 ClientSampleId :



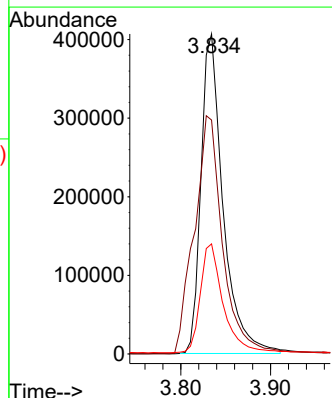
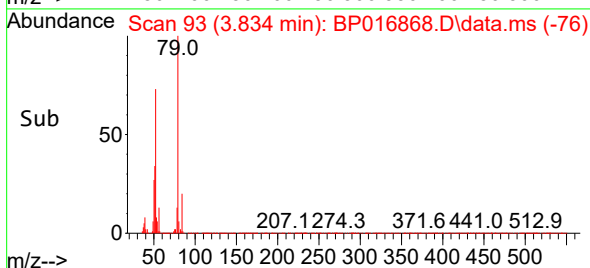
Tgt Ion: 88 Resp: 95530
 Ion Ratio Lower Upper
 88 100
 43 29.4 24.0 36.0
 58 72.4 59.8 89.8

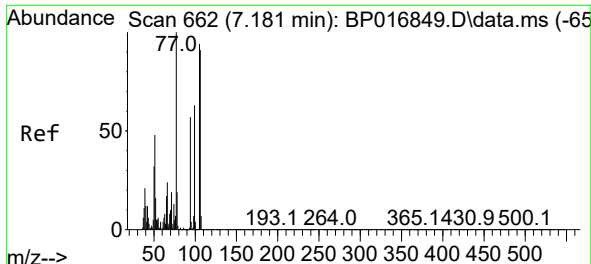


#5
 Pyridine
 Concen: 18.114 ng/uL
 RT: 3.834 min Scan# 93
 Delta R.T. 0.000 min
 Lab File: BP016868.D
 Acq: 30 Aug 2023 12:38



Tgt Ion: 79 Resp: 695277
 Ion Ratio Lower Upper
 79 100
 52 73.1 59.6 89.4
 51 34.4 28.2 42.2

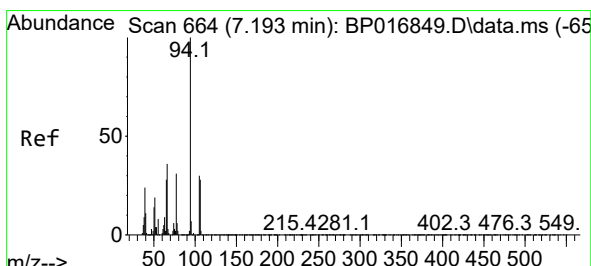
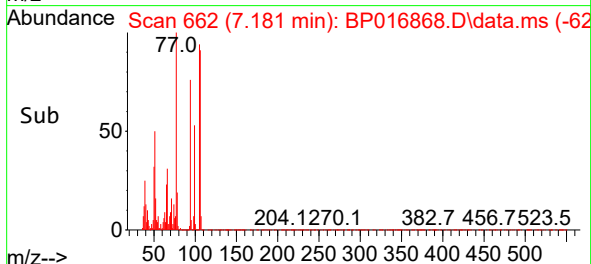
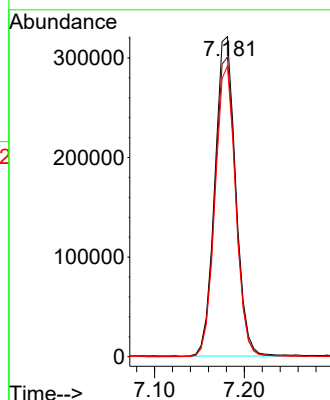
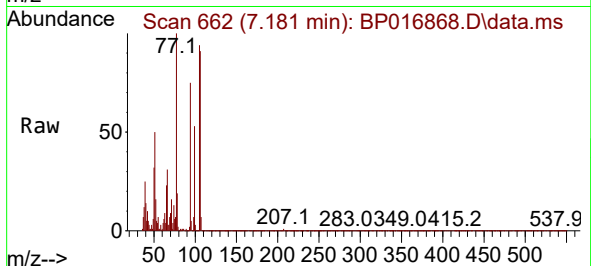




#6
Benzaldehyde
Concen: 21.109 ng/ul
RT: 7.181 min Scan# 662
Delta R.T. 0.000 min
Lab File: BP016868.D
Acq: 30 Aug 2023 12:38

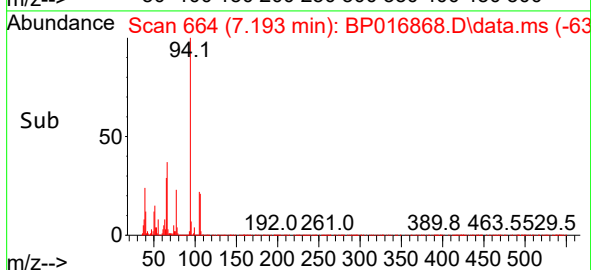
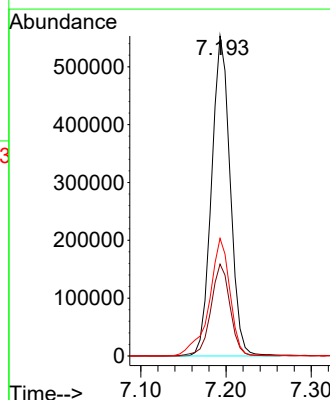
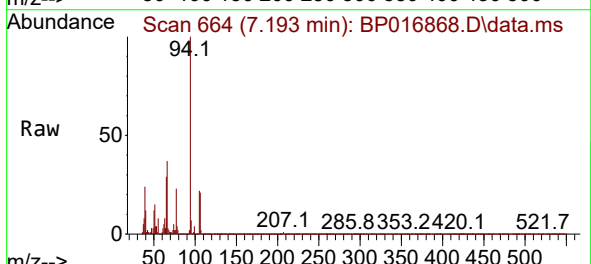
Instrument :
BNA_P
ClientSampleId :

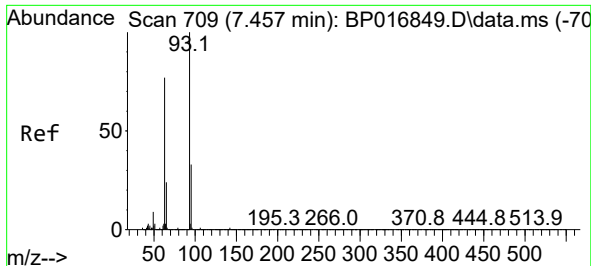
Tgt Ion: 77 Resp: 517308
Ion Ratio Lower Upper
77 100
105 93.6 75.4 113.2
106 90.9 73.1 109.7



#8
Phenol
Concen: 17.877 ng/ul
RT: 7.193 min Scan# 664
Delta R.T. 0.000 min
Lab File: BP016868.D
Acq: 30 Aug 2023 12:38

Tgt Ion: 94 Resp: 838394
Ion Ratio Lower Upper
94 100
65 28.7 22.4 33.6
66 36.8 28.6 42.8





#10

Bis(2-Chloroethyl)ether

Concen: 17.898 ng/ul

RT: 7.458 min Scan# 709

Delta R.T. 0.000 min

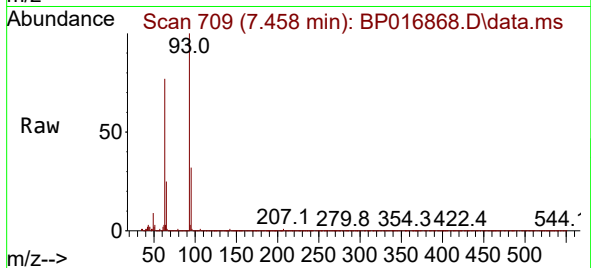
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Acq: 30 Aug 2023 12:38

Instrument :

BNA_P

ClientSampleId :



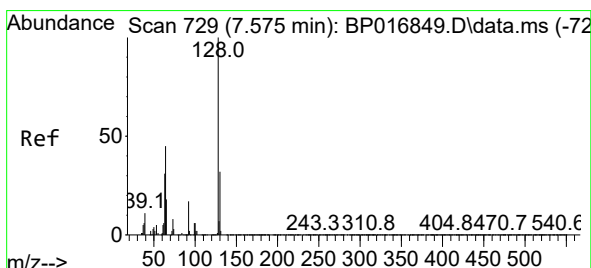
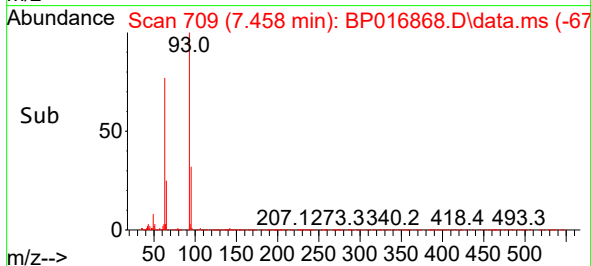
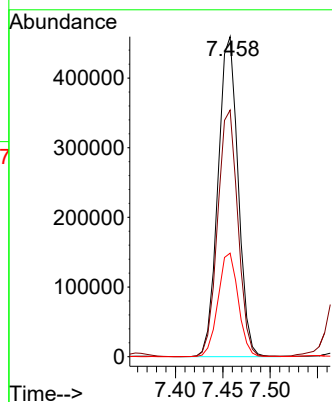
Tgt Ion: 93 Resp: 677519

Ion Ratio Lower Upper

93 100

63 77.0 62.9 94.3

95 32.3 26.3 39.5



#12

2-Chlorophenol

Concen: 18.673 ng/ul

RT: 7.575 min Scan# 729

Delta R.T. 0.000 min

Lab File: BP016868.D

Acq: 30 Aug 2023 12:38

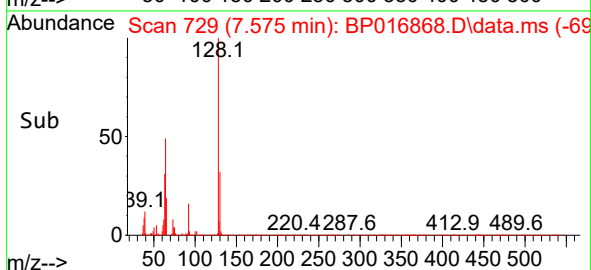
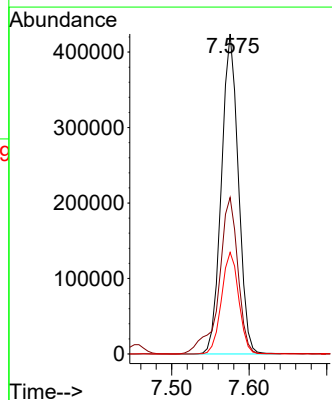
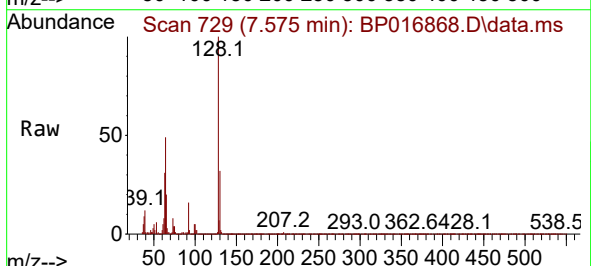
Tgt Ion:128 Resp: 643097

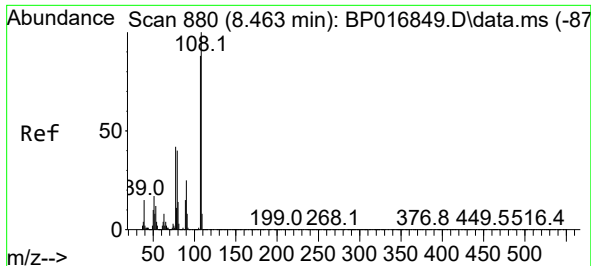
Ion Ratio Lower Upper

128 100

64 48.9 40.0 60.0

130 31.8 26.4 39.6





#13

2-Methylphenol

Concen: 17.664 ng/ul

RT: 8.458 min Scan# 81

Delta R.T. -0.006 min

Lab File: BP016868.D

Acq: 30 Aug 2023 12:38

Instrument :

BNA_P

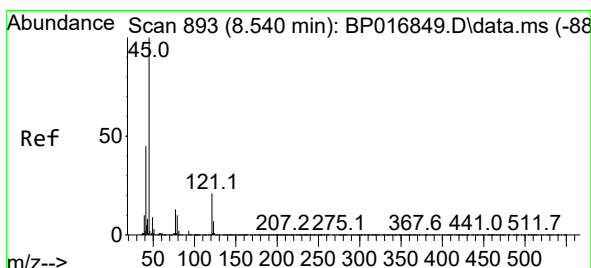
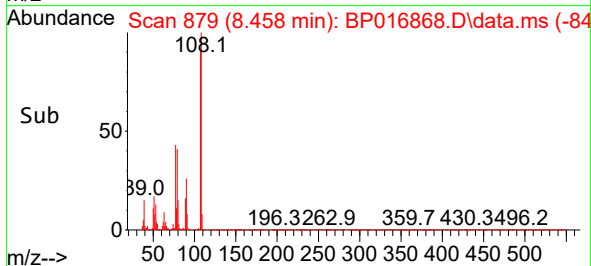
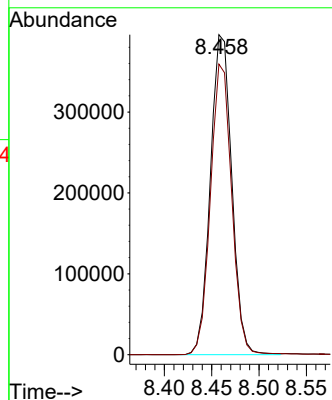
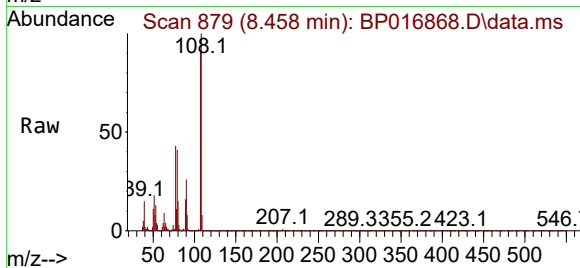
ClientSampleId :

Tgt Ion:108 Resp: 621408

Ion Ratio Lower Upper

108 100

107 90.8 71.4 107.2



#14

2,2'-oxybis(1-Chloropropane)

Concen: 11.014 ng/ul

RT: 8.534 min Scan# 892

Delta R.T. -0.006 min

Lab File: BP016868.D

Acq: 30 Aug 2023 12:38

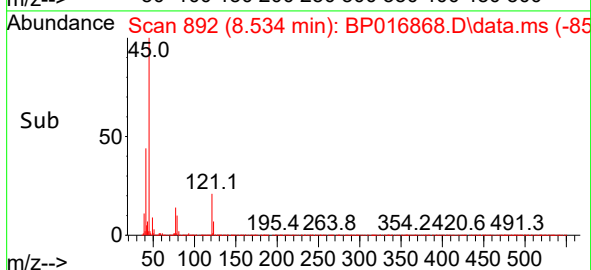
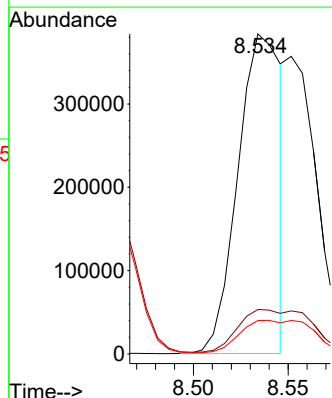
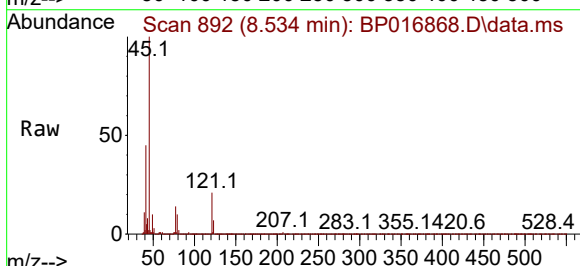
Tgt Ion: 45 Resp: 608182

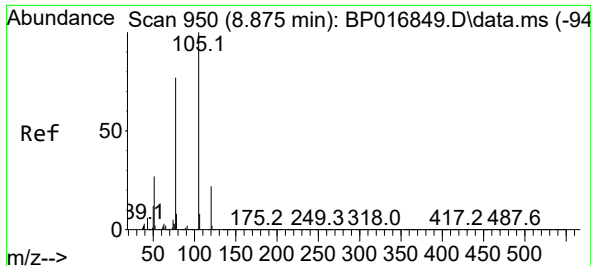
Ion Ratio Lower Upper

45 100

77 13.9 11.1 16.7

79 10.5 8.2 12.4

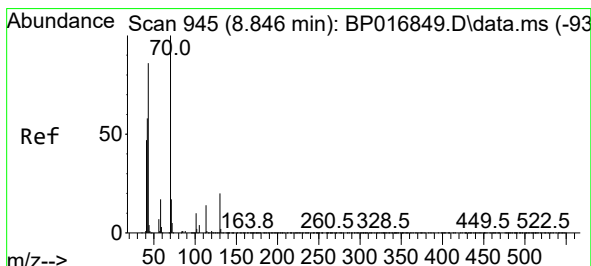
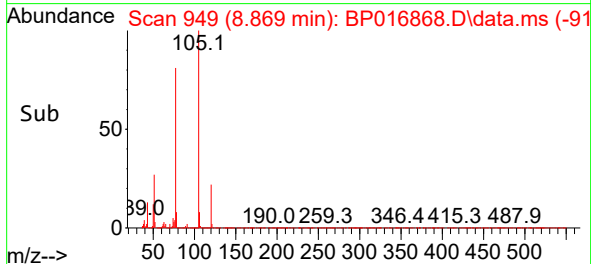
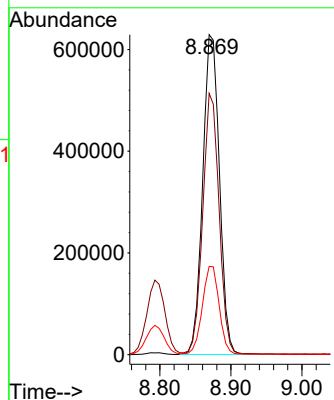
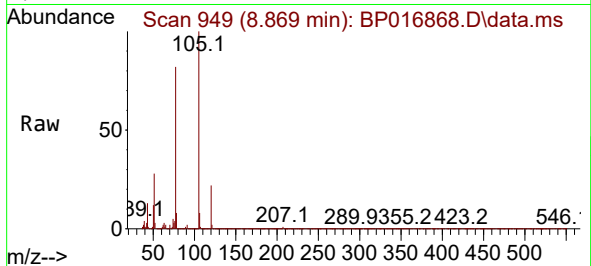




#16
Acetophenone
Concen: 18.205 ng/ul
RT: 8.869 min Scan# 949
Delta R.T. -0.006 min
Lab File: BP016868.D
Acq: 30 Aug 2023 12:38

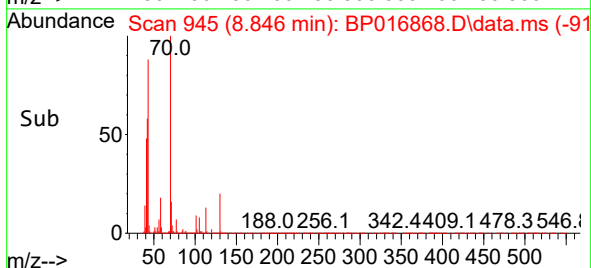
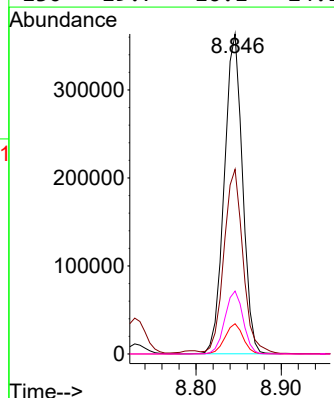
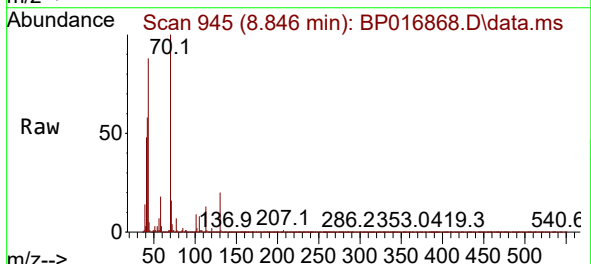
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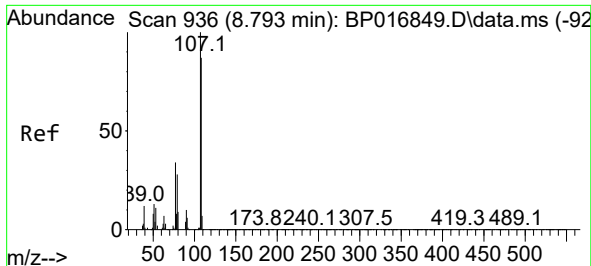
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Ion Ratio Lower Upper
105 100
77 81.6 64.2 96.4
51 27.6 22.2 33.4



#17
N-Nitroso-di-n-propylamine
Concen: 18.102 ng/ul
RT: 8.846 min Scan# 945
Delta R.T. 0.000 min
Lab File: BP016868.D
Acq: 30 Aug 2023 12:38

Tgt Ion: 70 Resp: 541132
Ion Ratio Lower Upper
70 100
42 57.7 46.0 69.0
101 9.4 7.6 11.4
130 19.7 16.1 24.1

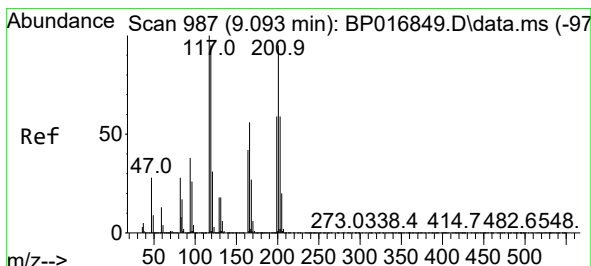
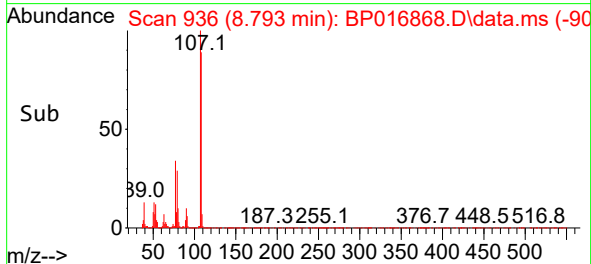
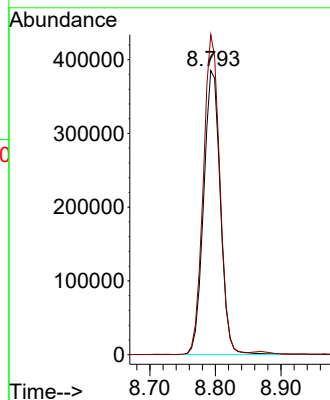
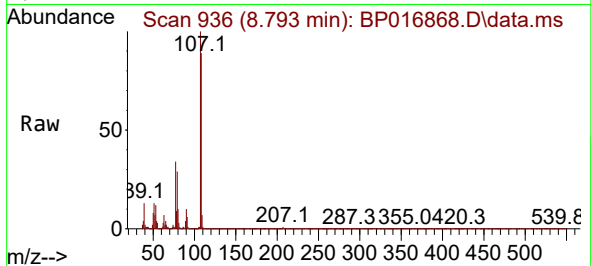




#18
4-Methylphenol
Concen: 17.849 ng/ul
RT: 8.793 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP016868.D
Acq: 30 Aug 2023 12:38

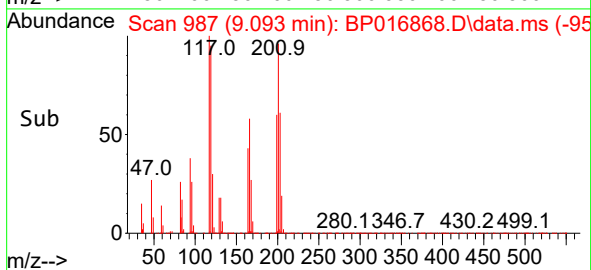
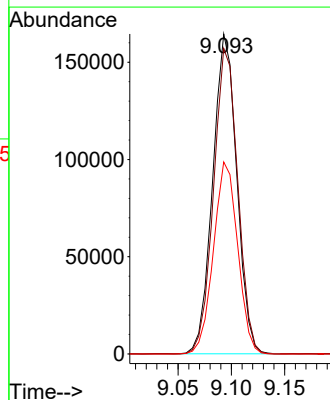
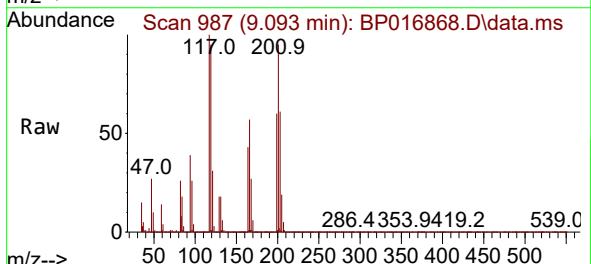
Instrument :
BNA_P
ClientSampleId :

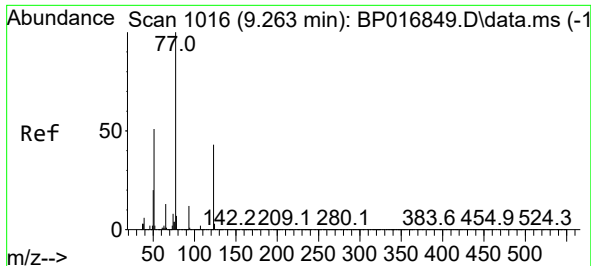
Tgt Ion:108 Resp: 683753
Ion Ratio Lower Upper
108 100
107 112.6 89.8 134.6



#19
Hexachloroethane
Concen: 18.007 ng/ul
RT: 9.093 min Scan# 987
Delta R.T. 0.000 min
Lab File: BP016868.D
Acq: 30 Aug 2023 12:38

Tgt Ion:117 Resp: 258036
Ion Ratio Lower Upper
117 100
201 95.5 75.4 113.2
199 60.0 47.8 71.6

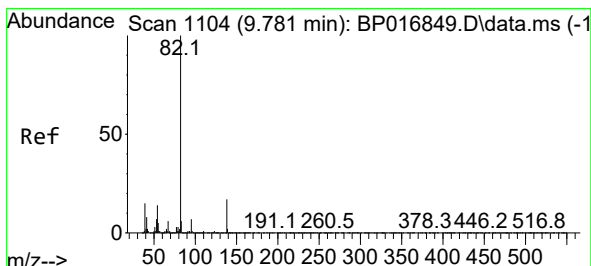
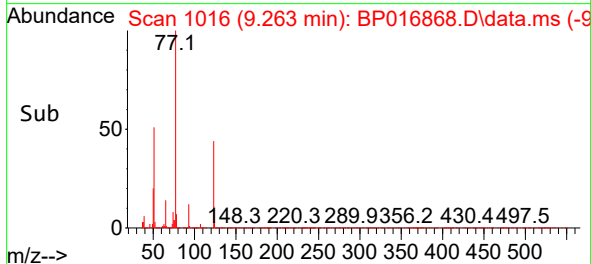
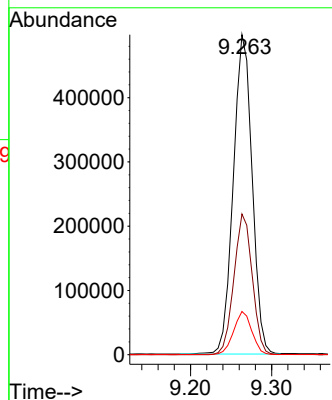
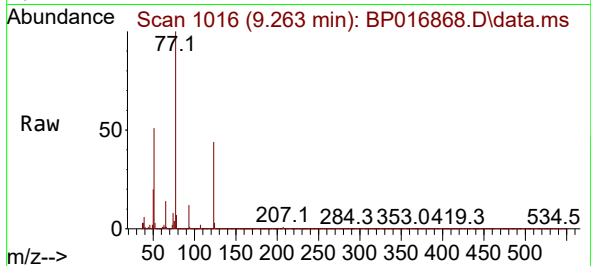




#22
Nitrobenzene
Concen: 18.775 ng/ul
RT: 9.263 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BP016868.D
Acq: 30 Aug 2023 12:38

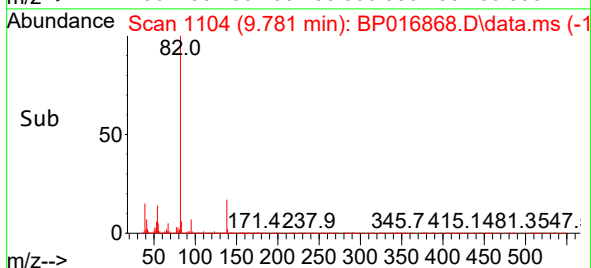
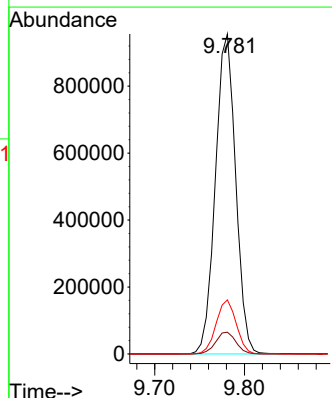
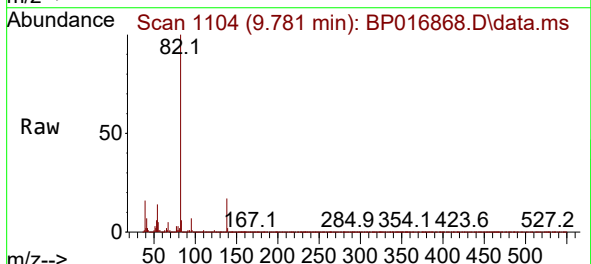
Instrument :
BNA_P
ClientSampleId :

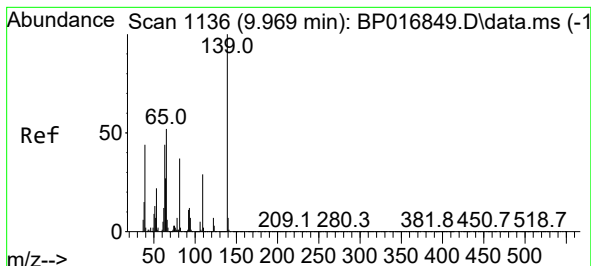
Tgt Ion: 77 Resp: 799849
Ion Ratio Lower Upper
77 100
123 44.0 34.9 52.3
65 13.5 10.6 15.8



#23
Isophorone
Concen: 18.098 ng/ul
RT: 9.781 min Scan# 1104
Delta R.T. 0.000 min
Lab File: BP016868.D
Acq: 30 Aug 2023 12:38

Tgt Ion: 82 Resp: 1497460
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.0
138 16.9 13.5 20.3

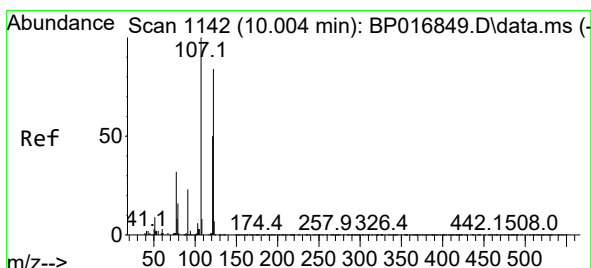
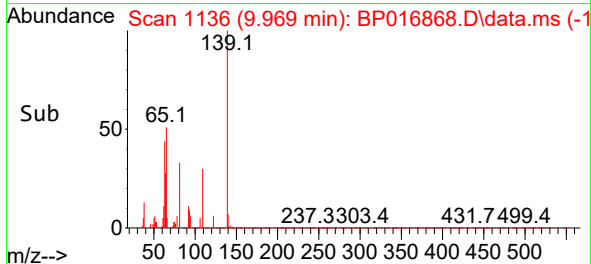
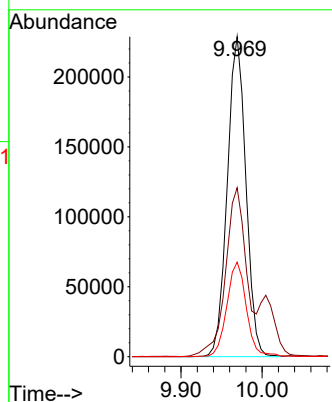
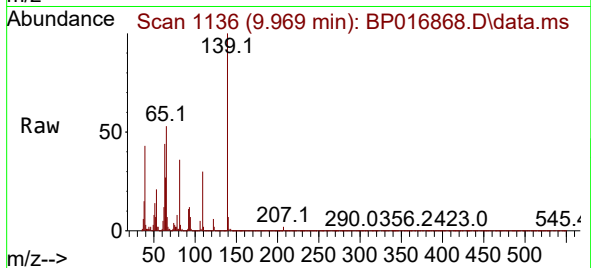




#25
2-Nitrophenol
Concen: 18.809 ng/ul
RT: 9.969 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BP016868.D
Acq: 30 Aug 2023 12:38

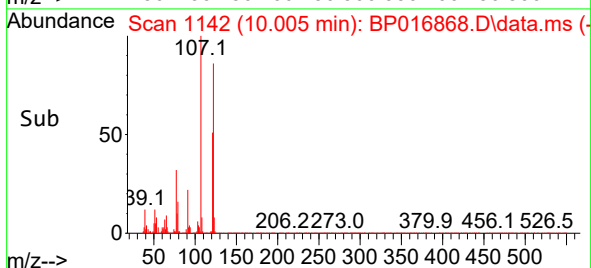
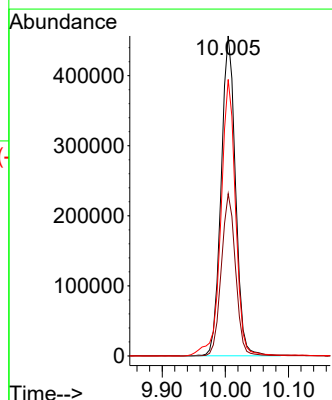
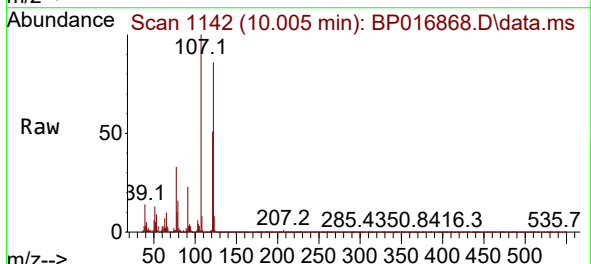
Instrument :
BNA_P
ClientSampleId :

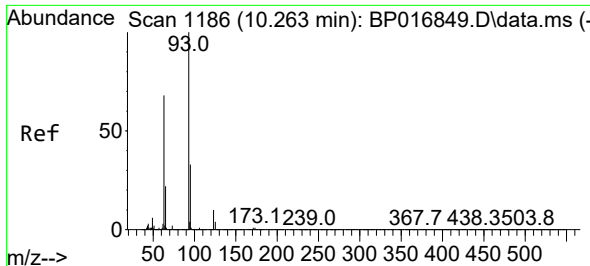
Tgt Ion:139 Resp: 364042
Ion Ratio Lower Upper
139 100
65 52.8 42.0 63.0
109 29.5 23.4 35.2



#26
2,4-Dimethylphenol
Concen: 18.582 ng/ul
RT: 10.005 min Scan# 1142
Delta R.T. 0.000 min
Lab File: BP016868.D
Acq: 30 Aug 2023 12:38

Tgt Ion:107 Resp: 722860
Ion Ratio Lower Upper
107 100
121 50.7 40.7 61.1
122 86.4 69.7 104.5

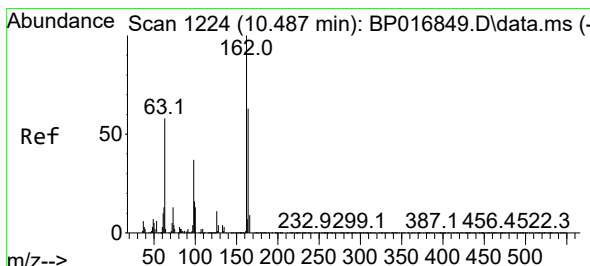
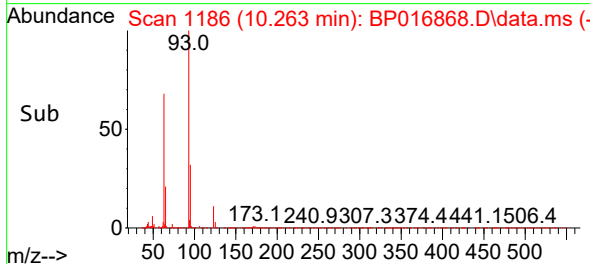
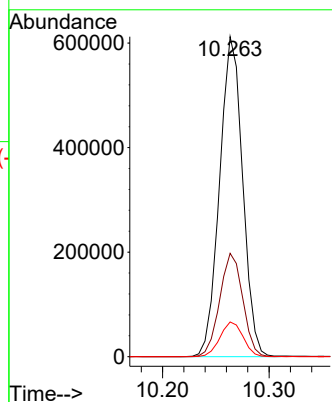
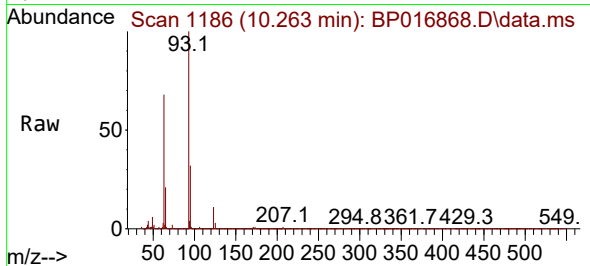




#27
 Bis(2-Chloroethoxy)methane
 Concen: 17.998 ng/ul
 RT: 10.263 min Scan# 1186
 Delta R.T. 0.000 min
 Lab File: BP016868.D
 Acq: 30 Aug 2023 12:38

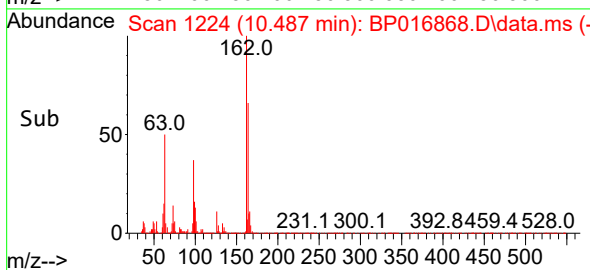
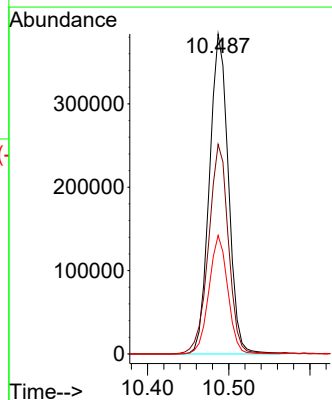
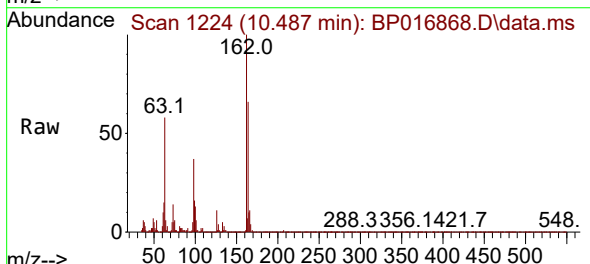
Instrument :
 BNA_P
 ClientSampleId :

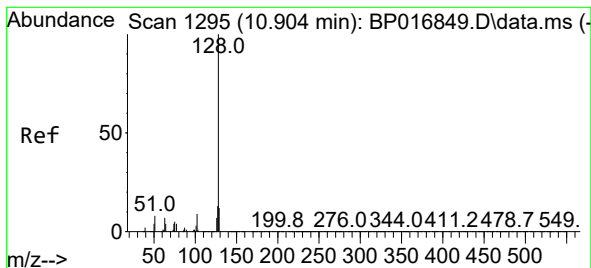
Tgt Ion: 93 Resp: 918764
 Ion Ratio Lower Upper
 93 100
 95 32.3 26.3 39.5
 123 10.9 8.8 13.2



#29
 2,4-Dichlorophenol
 Concen: 18.976 ng/ul
 RT: 10.487 min Scan# 1224
 Delta R.T. 0.000 min
 Lab File: BP016868.D
 Acq: 30 Aug 2023 12:38

Tgt Ion:162 Resp: 622019
 Ion Ratio Lower Upper
 162 100
 164 65.5 52.2 78.2
 98 37.0 29.3 43.9

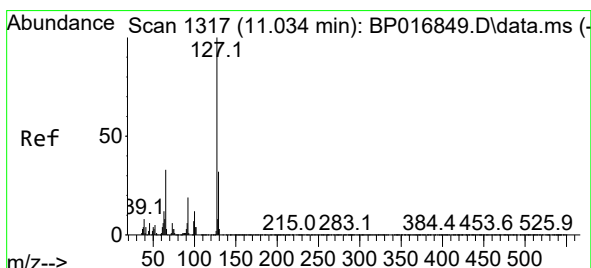
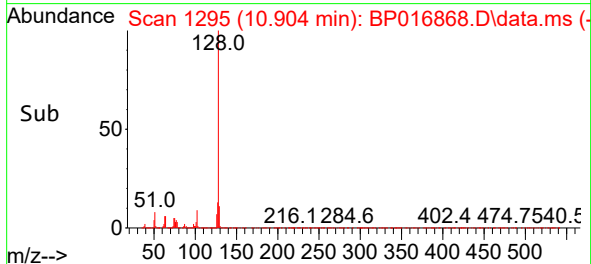
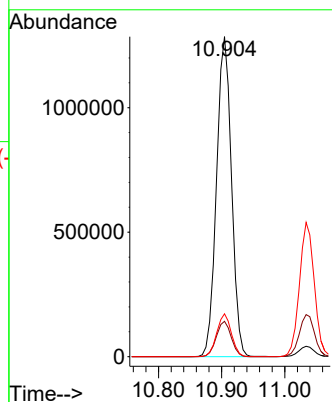
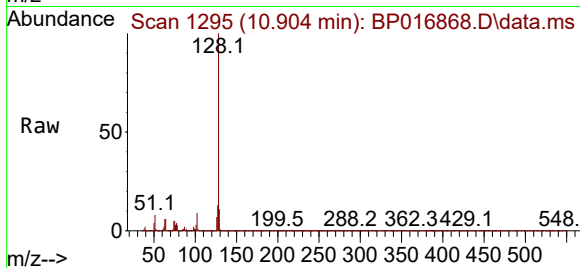




#30
Naphthalene
Concen: 18.554 ng/ul
RT: 10.904 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BP016868.D
Acq: 30 Aug 2023 12:38

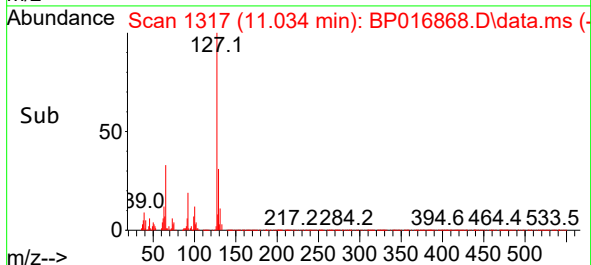
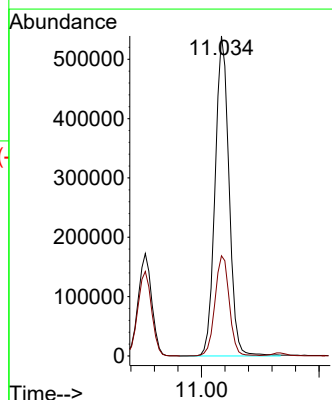
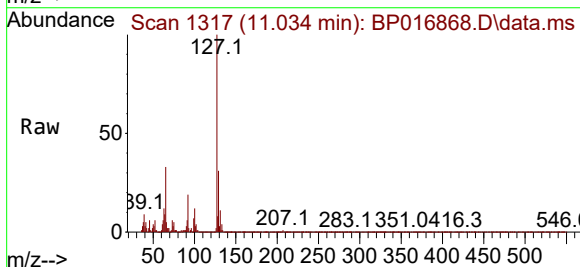
Instrument :
BNA_P
ClientSampleId :

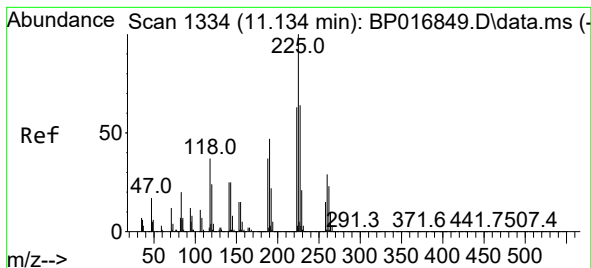
Tgt Ion:128 Resp: 2110929
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.4 10.3 15.5



#32
4-Chloroaniline
Concen: 18.018 ng/ul
RT: 11.034 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BP016868.D
Acq: 30 Aug 2023 12:38

Tgt Ion:127 Resp: 886124
Ion Ratio Lower Upper
127 100
129 31.3 25.9 38.9





#33

Hexachlorobutadiene

Concen: 18.153 ng/ul

RT: 11.134 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP016868.D

Acq: 30 Aug 2023 12:38

Instrument :

BNA_P

ClientSampleId :

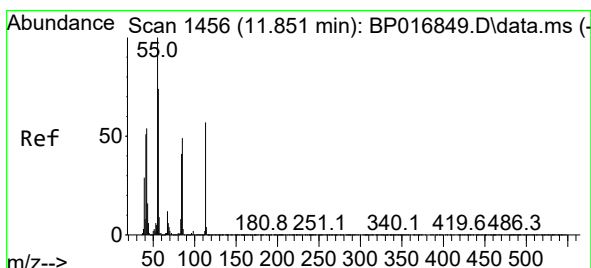
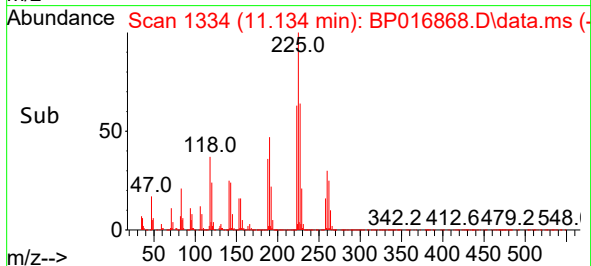
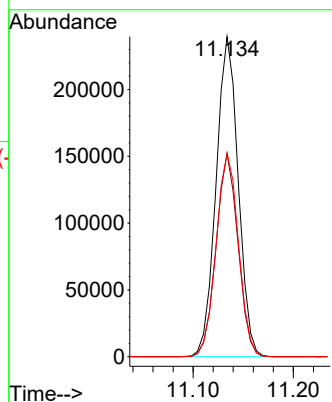
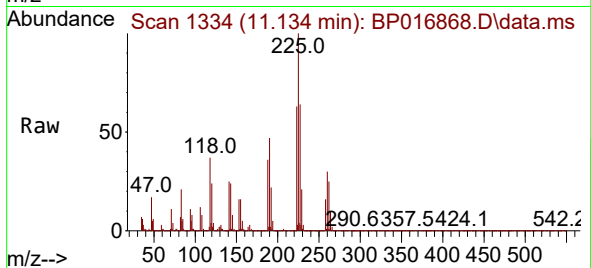
Tgt Ion:225 Resp: 366538

Ion Ratio Lower Upper

225 100

223 63.4 51.0 76.4

227 63.6 52.5 78.7



#34

Caprolactam

Concen: 16.910 ng/ul

RT: 11.857 min Scan# 1457

Delta R.T. 0.006 min

Lab File: BP016868.D

Acq: 30 Aug 2023 12:38

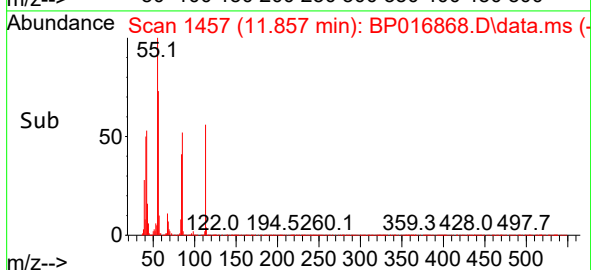
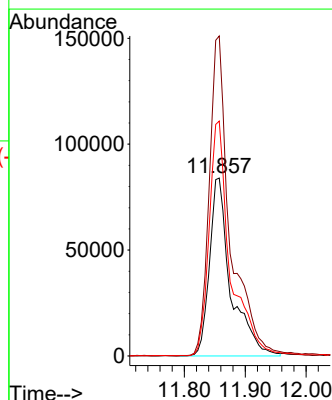
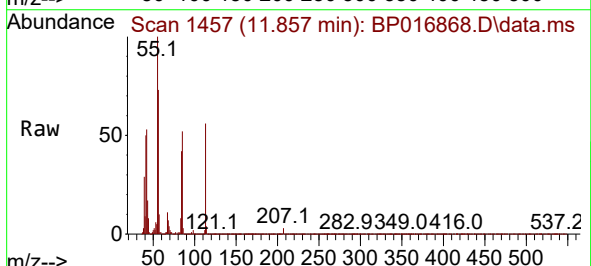
Tgt Ion:113 Resp: 204409

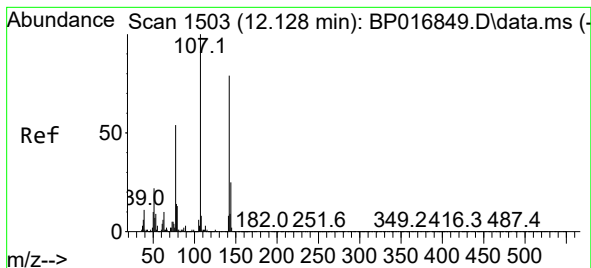
Ion Ratio Lower Upper

113 100

55 179.9 140.6 210.8

56 132.1 104.5 156.7

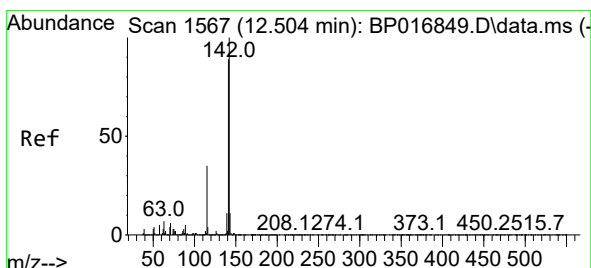
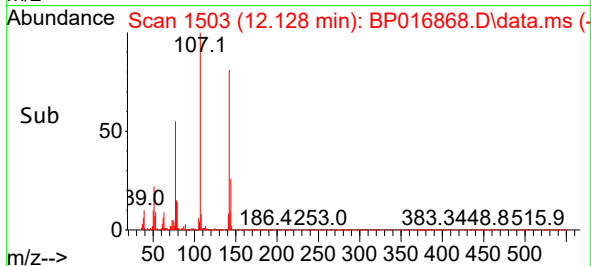
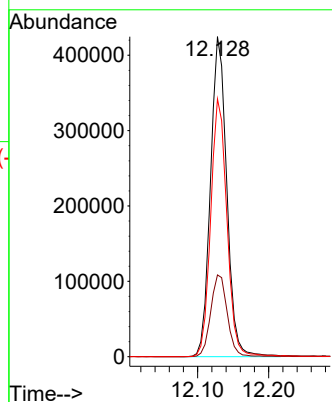
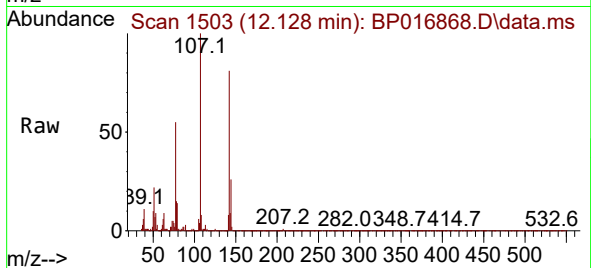




#35
4-Chloro-3-methylphenol
Concen: 18.402 ng/ul
RT: 12.128 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BP016868.D
Acq: 30 Aug 2023 12:38

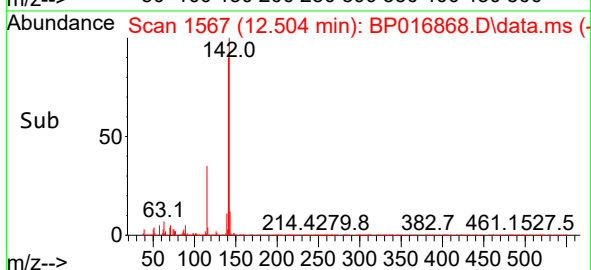
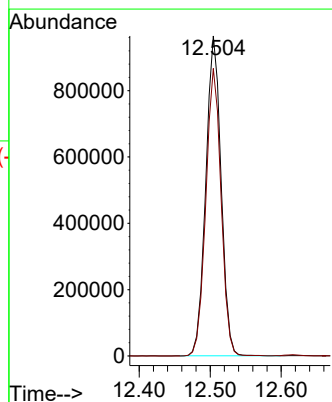
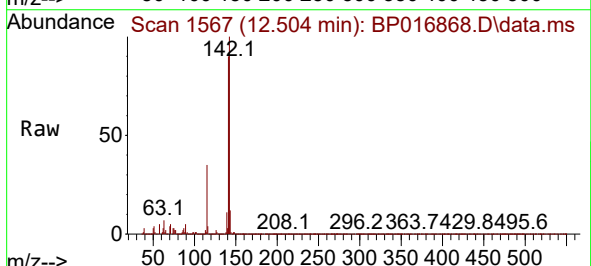
Instrument :
BNA_P
ClientSampleId :

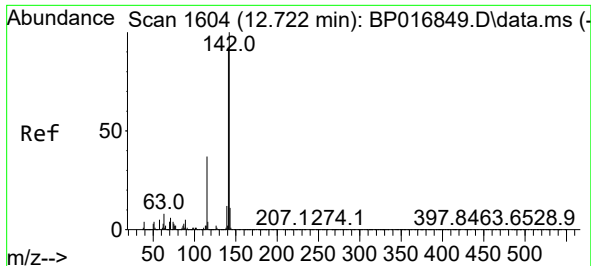
Tgt Ion:107 Resp: 676423
Ion Ratio Lower Upper
107 100
144 25.6 20.6 31.0
142 80.5 63.7 95.5



#36
2-Methylnaphthalene
Concen: 18.392 ng/ul
RT: 12.504 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BP016868.D
Acq: 30 Aug 2023 12:38

Tgt Ion:142 Resp: 1444267
Ion Ratio Lower Upper
142 100
141 89.8 71.4 107.0

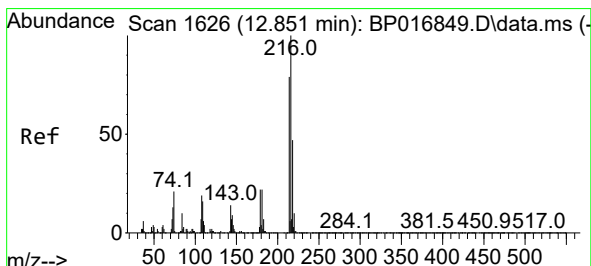
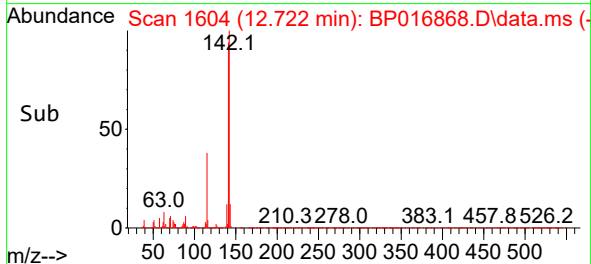
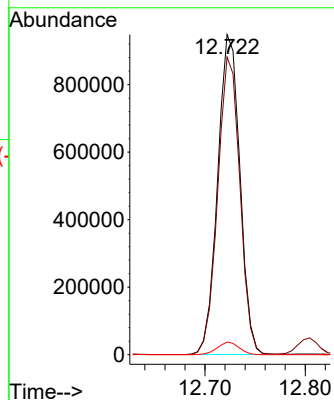
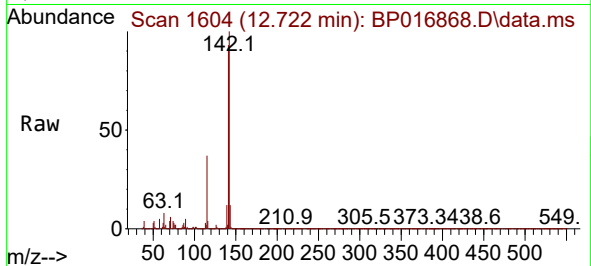




#37
1-Methylnaphthalene
Concen: 18.452 ng/ul
RT: 12.722 min Scan# 1604
Delta R.T. 0.000 min
Lab File: BP016868.D
Acq: 30 Aug 2023 12:38

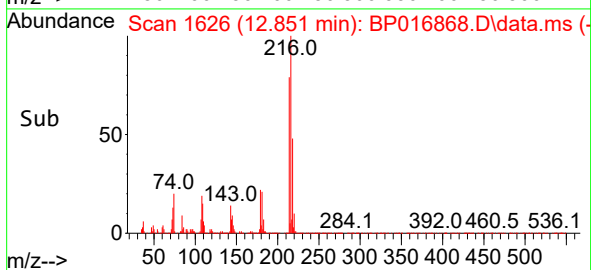
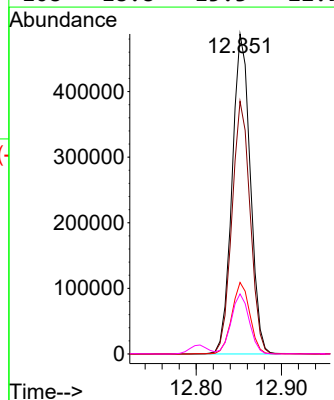
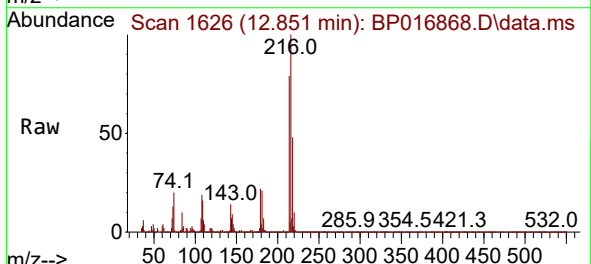
Instrument :
BNA_P
ClientSampleId :

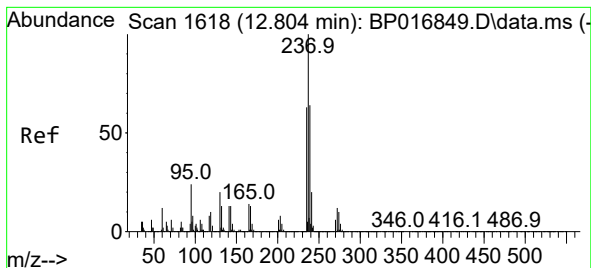
Tgt Ion:142 Resp: 1461213
Ion Ratio Lower Upper
142 100
141 93.0 73.0 109.4
116 3.9 3.1 4.7



#39
1,2,4,5-Tetrachlorobenzene
Concen: 18.703 ng/ul
RT: 12.851 min Scan# 1626
Delta R.T. 0.000 min
Lab File: BP016868.D
Acq: 30 Aug 2023 12:38

Tgt Ion:216 Resp: 723371
Ion Ratio Lower Upper
216 100
214 79.0 63.4 95.2
179 22.4 17.4 26.2
108 18.8 15.3 22.9





#40

Hexachlorocyclopentadiene

Concen: 18.441 ng/ul

RT: 12.804 min Scan# 1618

Delta R.T. 0.000 min

Lab File: BP016868.D

Acq: 30 Aug 2023 12:38

Instrument :

BNA_P

ClientSampleId :

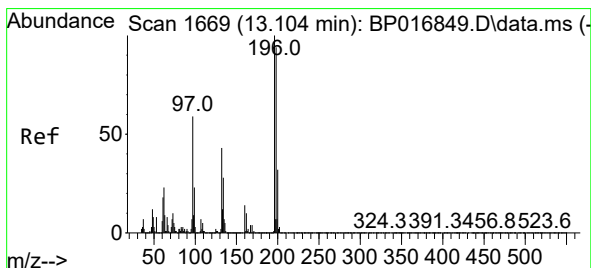
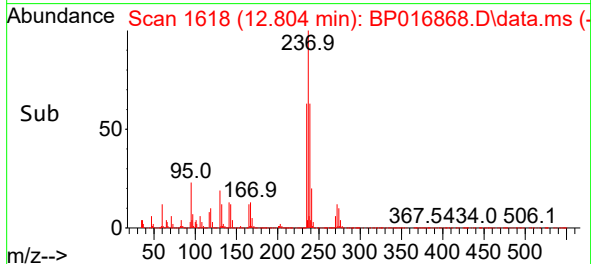
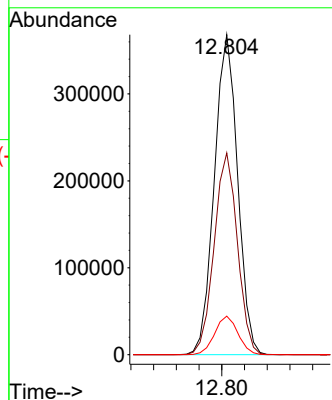
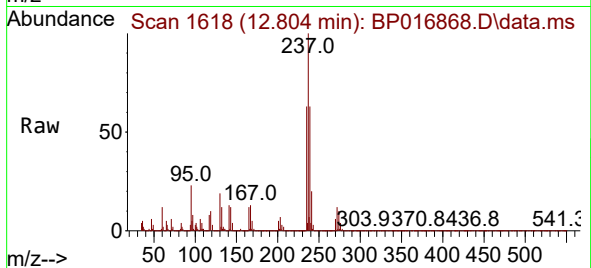
Tgt Ion:237 Resp: 524503

Ion Ratio Lower Upper

237 100

235 63.0 51.3 76.9

272 12.0 9.8 14.8



#41

2,4,6-Trichlorophenol

Concen: 19.038 ng/ul

RT: 13.104 min Scan# 1669

Delta R.T. 0.000 min

Lab File: BP016868.D

Acq: 30 Aug 2023 12:38

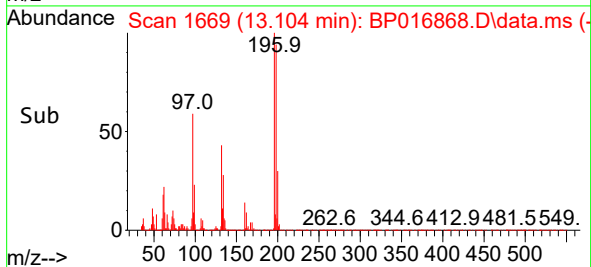
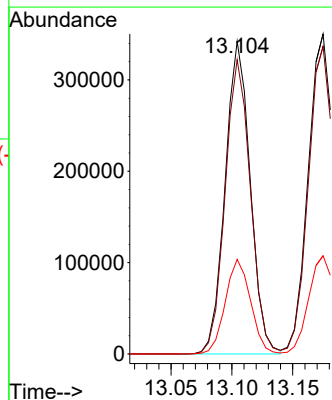
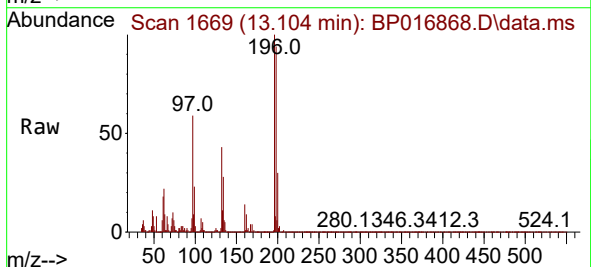
Tgt Ion:196 Resp: 491721

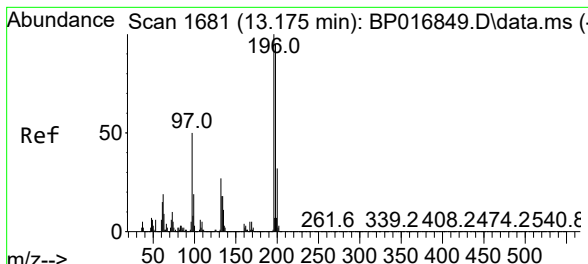
Ion Ratio Lower Upper

196 100

198 94.1 76.6 115.0

200 30.3 25.2 37.8

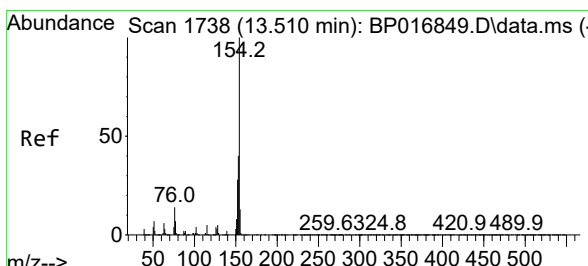
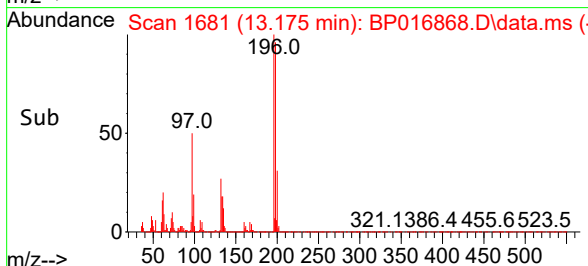
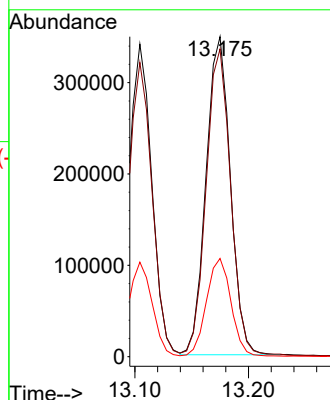
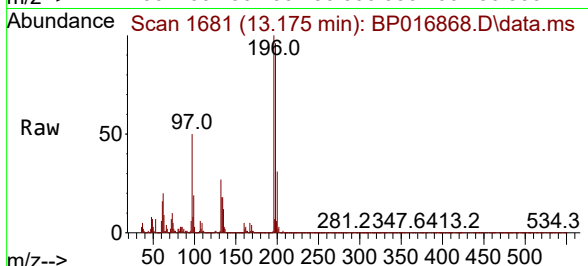




#42
2,4,5-Trichlorophenol
Concen: 18.572 ng/ul
RT: 13.175 min Scan# 1681
Delta R.T. 0.000 min
Lab File: BP016868.D
Acq: 30 Aug 2023 12:38

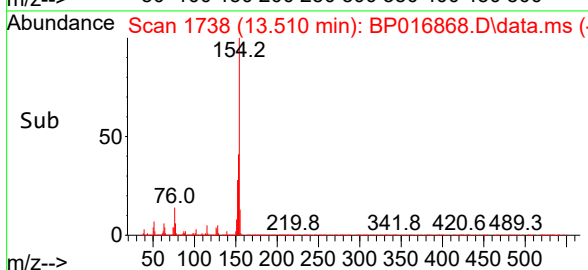
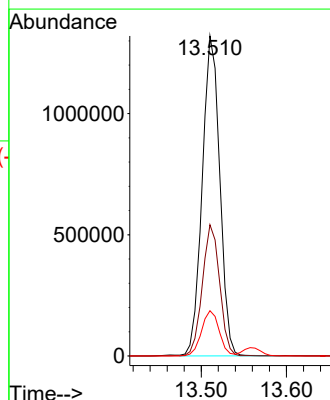
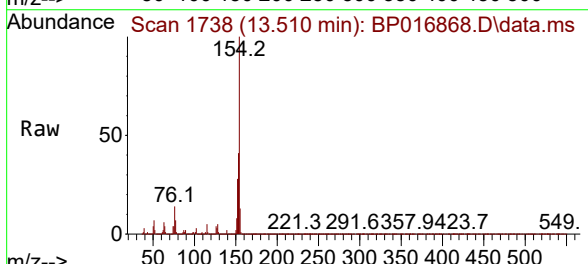
Instrument :
BNA_P
ClientSampleId :

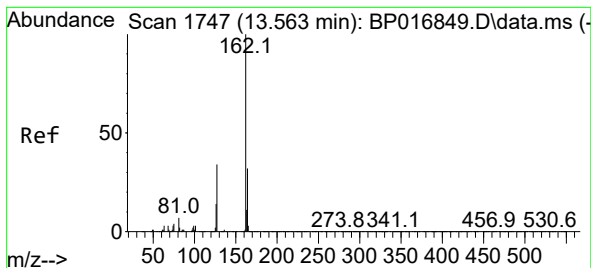
Tgt Ion:196 Resp: 519066
Ion Ratio Lower Upper
196 100
198 96.2 77.8 116.8
200 30.7 24.8 37.2



#43
1,1'-Biphenyl
Concen: 18.724 ng/ul
RT: 13.510 min Scan# 1738
Delta R.T. 0.000 min
Lab File: BP016868.D
Acq: 30 Aug 2023 12:38

Tgt Ion:154 Resp: 1889102
Ion Ratio Lower Upper
154 100
153 41.0 32.7 49.1
76 14.2 11.3 16.9





#44

2-Chloronaphthalene

Concen: 18.783 ng/ul

RT: 13.557 min Scan# 1746

Delta R.T. -0.006 min

Lab File: BP016868.D

Acq: 30 Aug 2023 12:38

Instrument :

BNA_P

ClientSampleId :

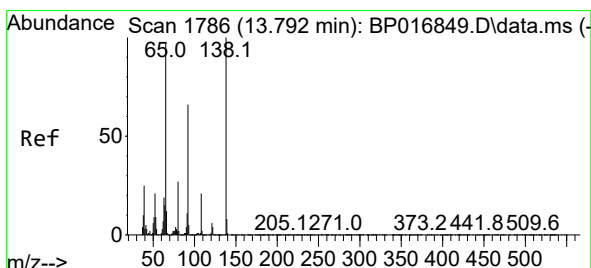
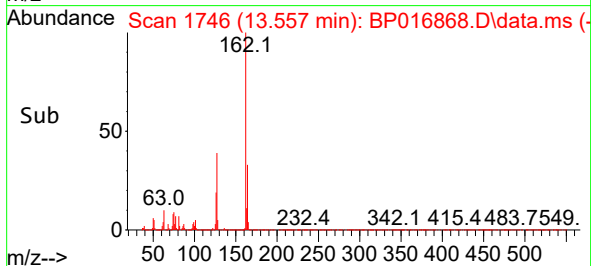
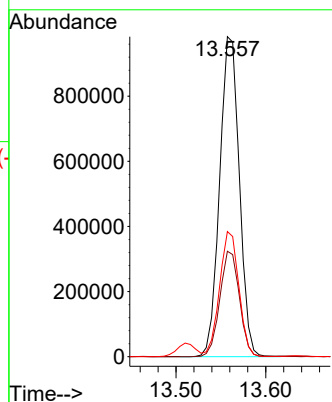
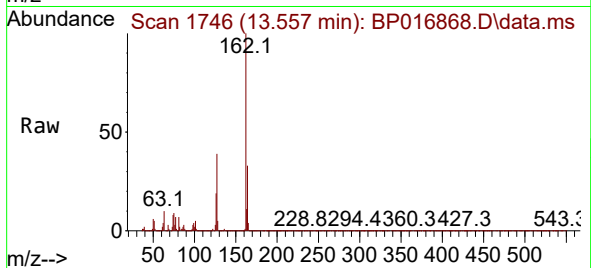
Tgt Ion:162 Resp: 1496031

Ion Ratio Lower Upper

162 100

164 33.0 26.1 39.1

127 39.1 30.8 46.2



#45

2-Nitroaniline

Concen: 18.705 ng/ul

RT: 13.793 min Scan# 1786

Delta R.T. 0.000 min

Lab File: BP016868.D

Acq: 30 Aug 2023 12:38

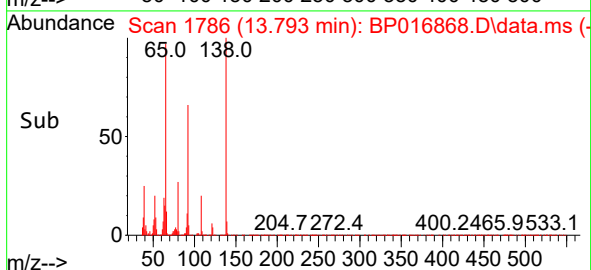
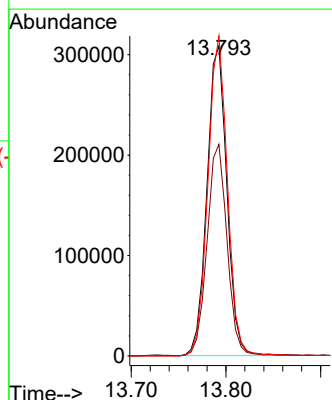
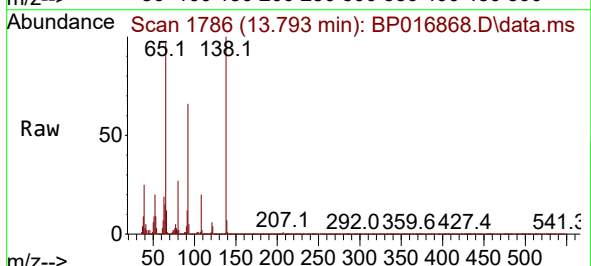
Tgt Ion: 65 Resp: 451829

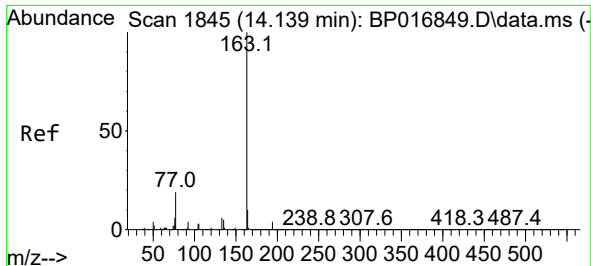
Ion Ratio Lower Upper

65 100

92 68.2 53.8 80.8

138 103.1 80.7 121.1

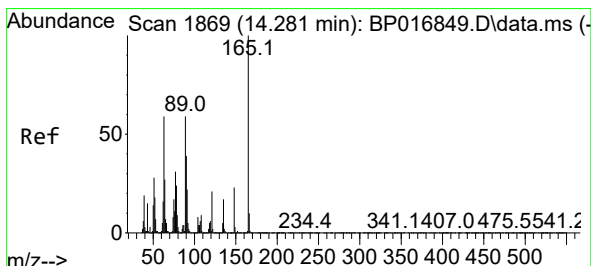
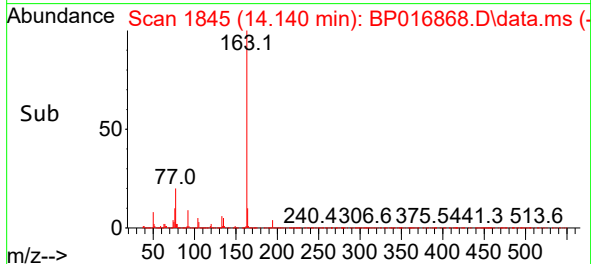
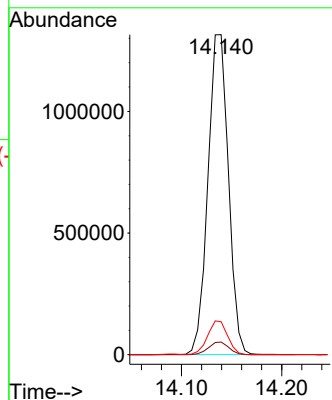
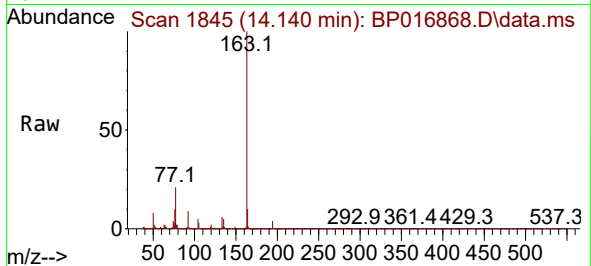




#47
Dimethylphthalate
Concen: 18.022 ng/ul
RT: 14.140 min Scan# 1845
Delta R.T. 0.000 min
Lab File: BP016868.D
Acq: 30 Aug 2023 12:38

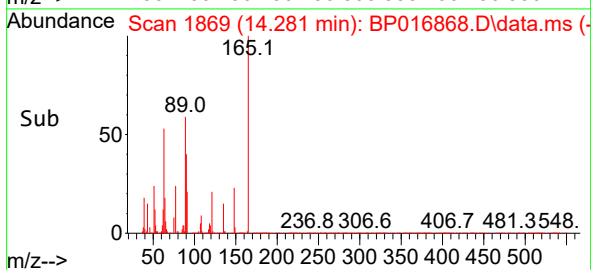
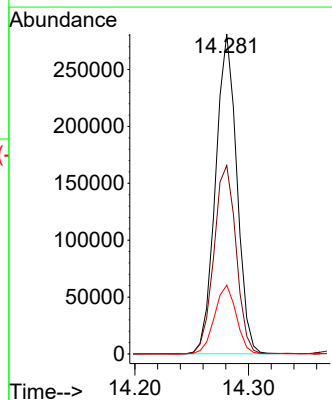
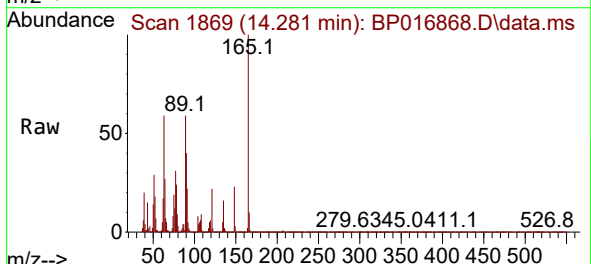
Instrument :
BNA_P
ClientSampleId :

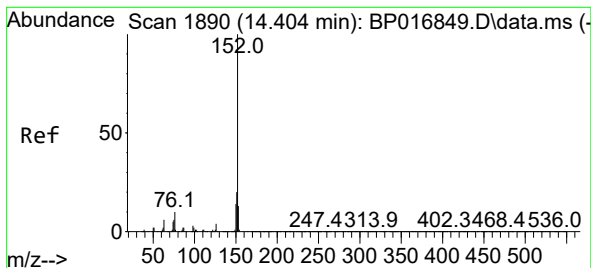
Tgt Ion:163 Resp: 1867872
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.3 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 18.054 ng/ul
RT: 14.281 min Scan# 1869
Delta R.T. 0.000 min
Lab File: BP016868.D
Acq: 30 Aug 2023 12:38

Tgt Ion:165 Resp: 366645
Ion Ratio Lower Upper
165 100
89 58.9 48.0 72.0
121 21.5 16.9 25.3





#50

Acenaphthylene

Concen: 18.756 ng/ul

RT: 14.404 min Scan# 1890

Delta R.T. 0.000 min

Lab File: BP016868.D

Acq: 30 Aug 2023 12:38

Instrument :

BNA_P

ClientSampleId :

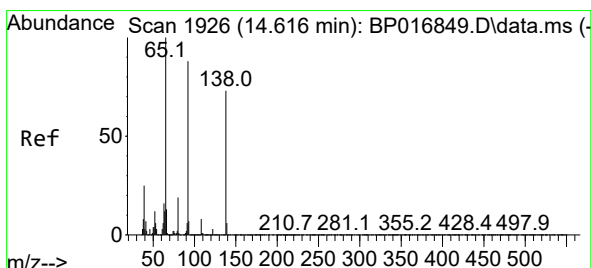
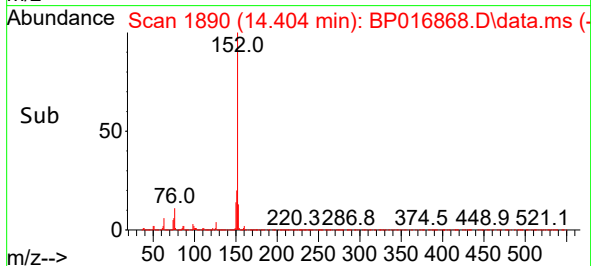
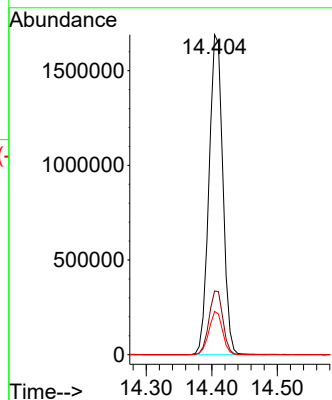
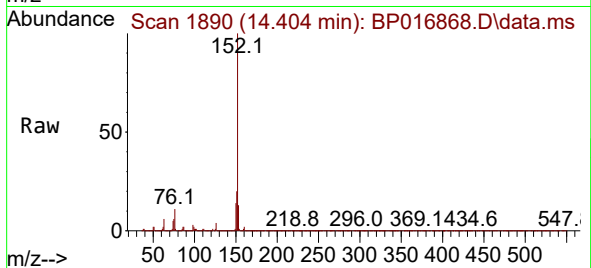
Tgt Ion:152 Resp: 2483548

Ion Ratio Lower Upper

152 100

151 19.9 16.1 24.1

153 13.5 10.6 15.8



#51

3-Nitroaniline

Concen: 18.106 ng/ul

RT: 14.616 min Scan# 1926

Delta R.T. 0.000 min

Lab File: BP016868.D

Acq: 30 Aug 2023 12:38

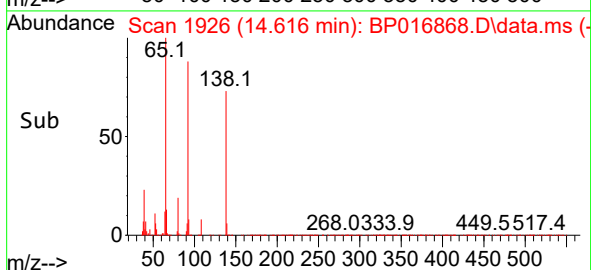
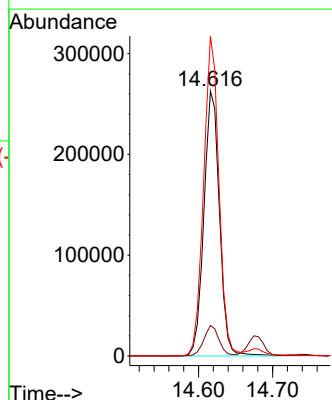
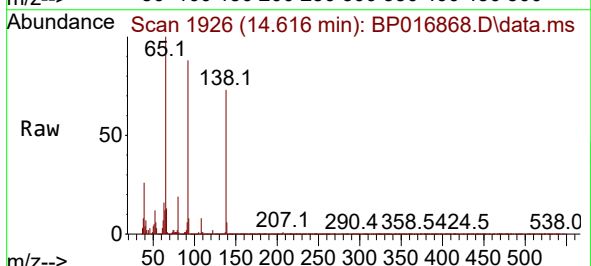
Tgt Ion:138 Resp: 382902

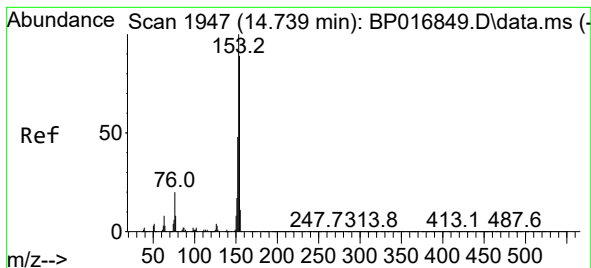
Ion Ratio Lower Upper

138 100

108 11.5 8.2 12.4

92 120.8 95.4 143.0





#52

Acenaphthene

Concen: 18.563 ng/ul

RT: 14.740 min Scan# 1947

Delta R.T. 0.000 min

Lab File: BP016868.D

Acq: 30 Aug 2023 12:38

Instrument :

BNA_P

ClientSampleId :

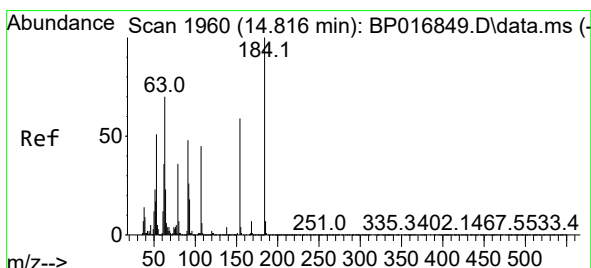
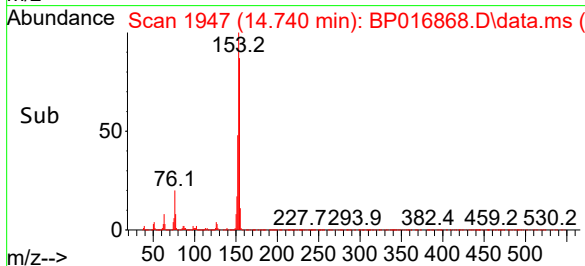
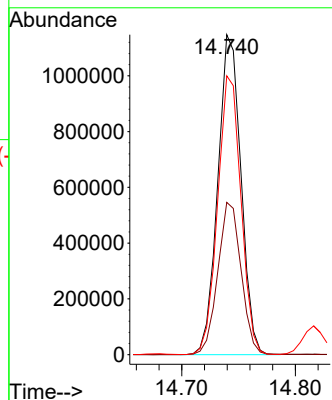
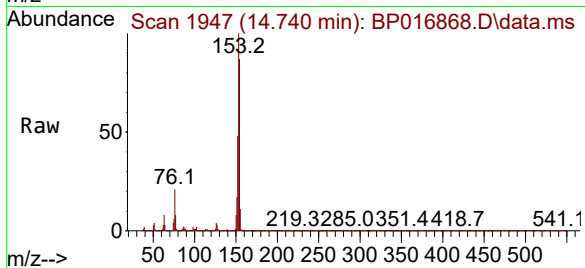
Tgt Ion:153 Resp: 1626157

Ion Ratio Lower Upper

153 100

152 47.6 38.5 57.7

154 87.1 70.6 105.8



#53

2,4-Dinitrophenol

Concen: 15.274 ng/ul

RT: 14.816 min Scan# 1960

Delta R.T. 0.000 min

Lab File: BP016868.D

Acq: 30 Aug 2023 12:38

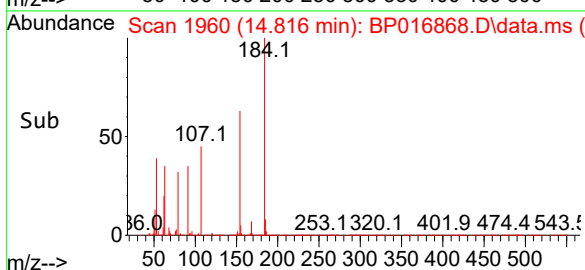
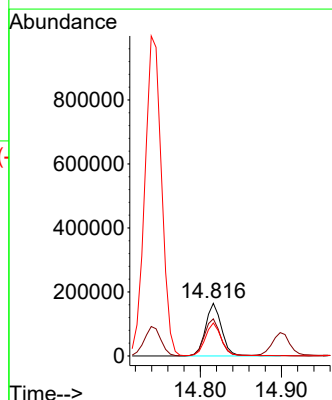
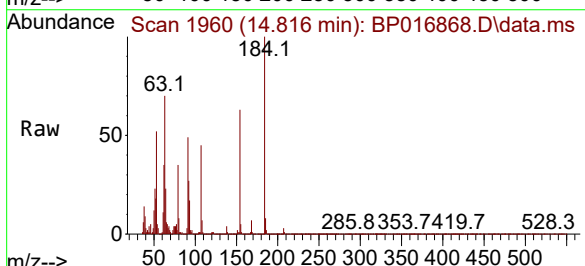
Tgt Ion:184 Resp: 225406

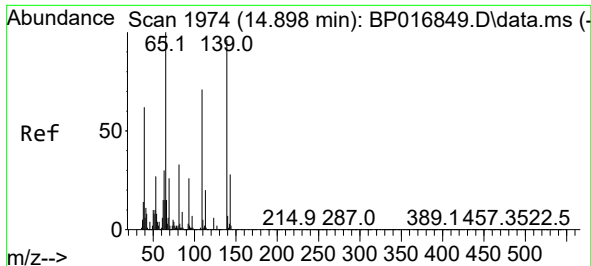
Ion Ratio Lower Upper

184 100

63 70.4 55.3 82.9

154 62.6 50.3 75.5

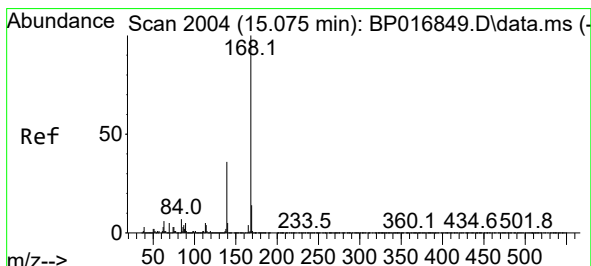
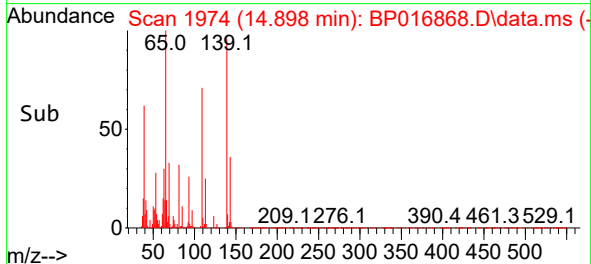
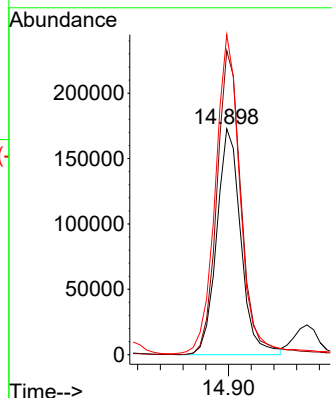
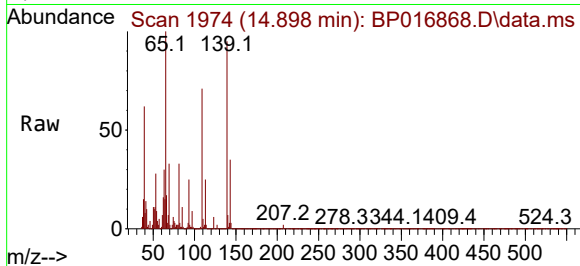




#55
4-Nitrophenol
Concen: 15.934 ng/ul
RT: 14.898 min Scan# 1974
Delta R.T. 0.000 min
Lab File: BP016868.D
Acq: 30 Aug 2023 12:38

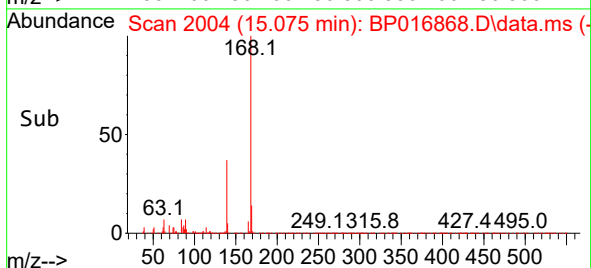
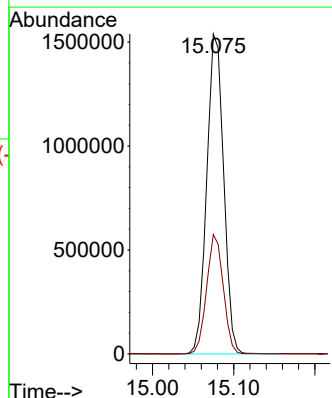
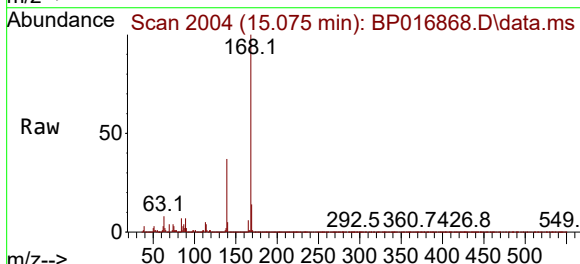
Instrument :
BNA_P
ClientSampleId :

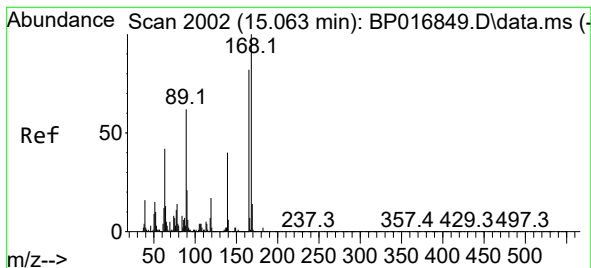
Tgt Ion:109 Resp: 254545
Ion Ratio Lower Upper
109 100
139 134.6 108.6 163.0
65 141.7 107.8 161.6



#56
Dibenzofuran
Concen: 18.475 ng/ul
RT: 15.075 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BP016868.D
Acq: 30 Aug 2023 12:38

Tgt Ion:168 Resp: 2220711
Ion Ratio Lower Upper
168 100
139 37.3 29.2 43.8

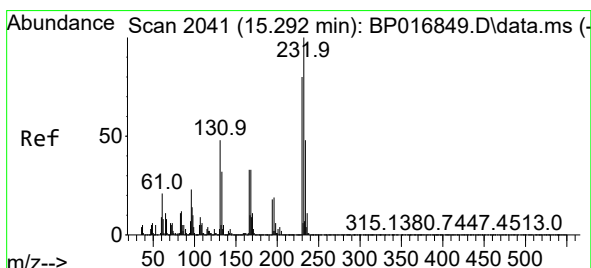
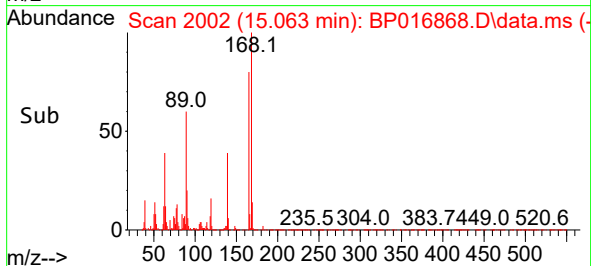
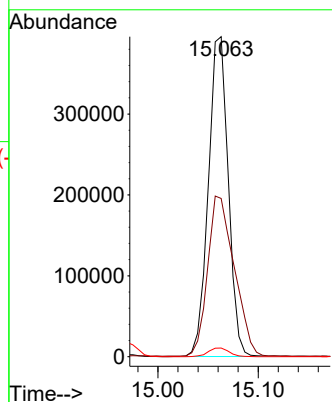
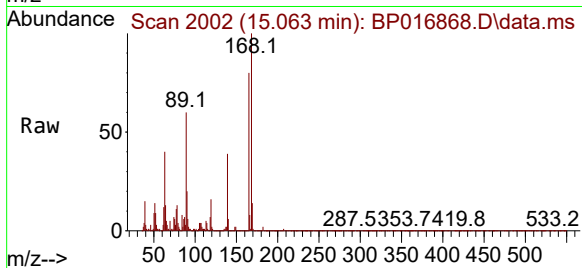




#57
2,4-Dinitrotoluene
Concen: 18.284 ng/ul
RT: 15.063 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BP016868.D
Acq: 30 Aug 2023 12:38

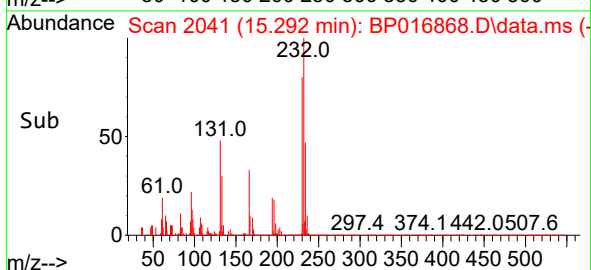
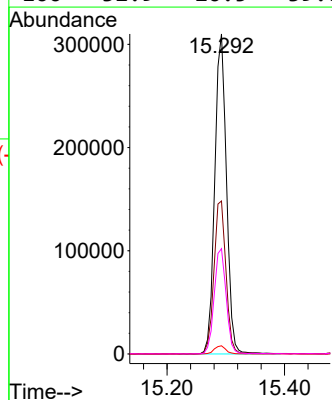
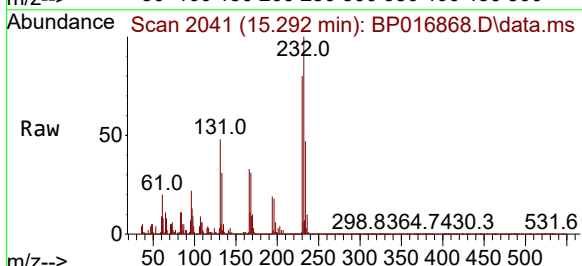
Instrument :
BNA_P
ClientSampleId :

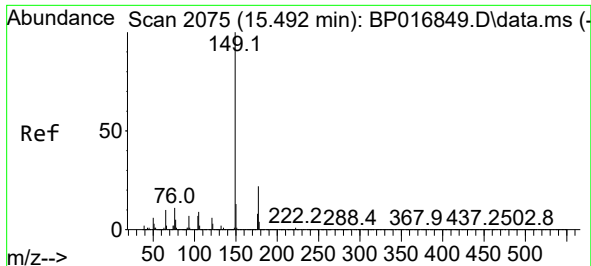
Tgt Ion:165 Resp: 546553
Ion Ratio Lower Upper
165 100
63 49.5 39.0 58.4
182 2.7 2.2 3.2



#58
2,3,4,6-Tetrachlorophenol
Concen: 17.992 ng/ul
RT: 15.292 min Scan# 2041
Delta R.T. 0.000 min
Lab File: BP016868.D
Acq: 30 Aug 2023 12:38

Tgt Ion:232 Resp: 428092
Ion Ratio Lower Upper
232 100
131 47.8 38.1 57.1
130 2.5 1.9 2.9
166 32.9 26.5 39.7

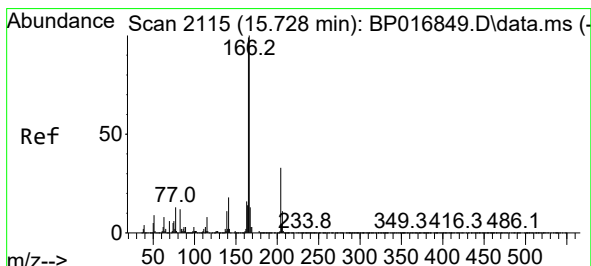
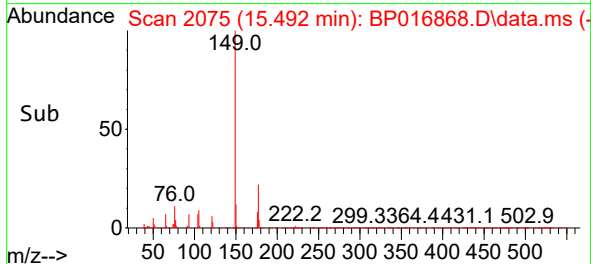
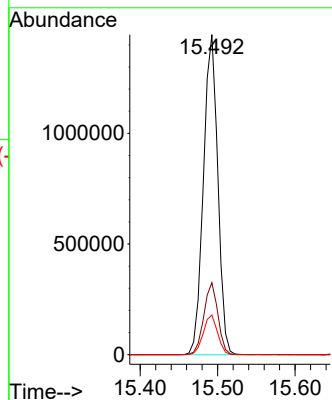
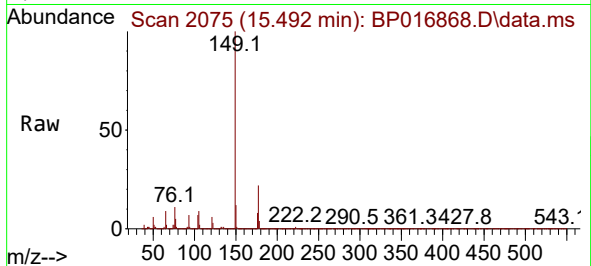




#59
Diethylphthalate
Concen: 17.666 ng/ul
RT: 15.492 min Scan# 2075
Delta R.T. 0.000 min
Lab File: BP016868.D
Acq: 30 Aug 2023 12:38

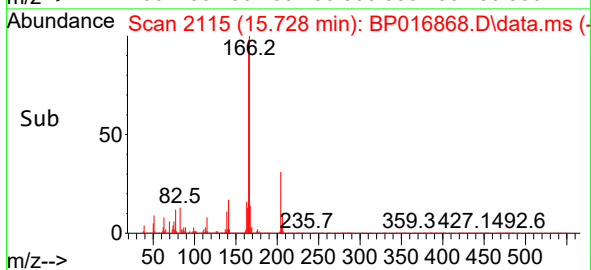
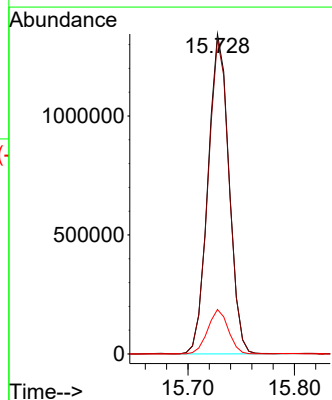
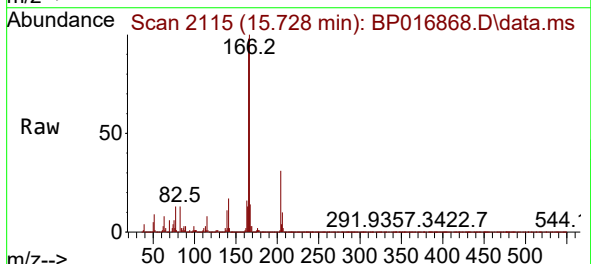
Instrument :
BNA_P
ClientSampleId :

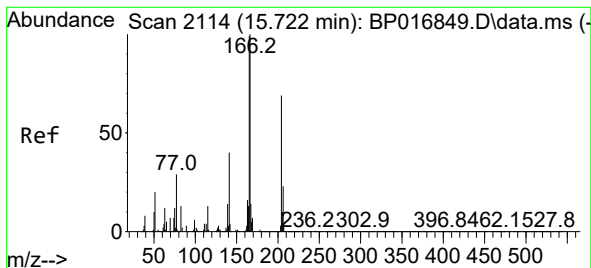
Tgt Ion:149 Resp: 1860018
Ion Ratio Lower Upper
149 100
177 22.5 17.3 25.9
150 12.4 10.2 15.2



#61
Fluorene
Concen: 18.310 ng/ul
RT: 15.728 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BP016868.D
Acq: 30 Aug 2023 12:38

Tgt Ion:166 Resp: 1840858
Ion Ratio Lower Upper
166 100
165 98.5 78.8 118.2
167 13.9 10.9 16.3

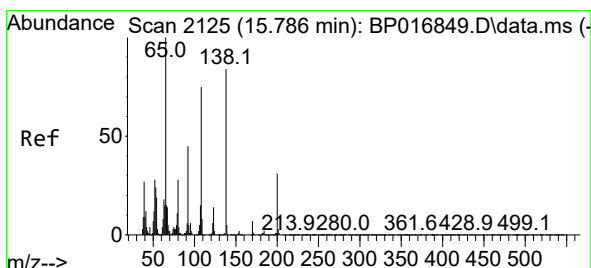
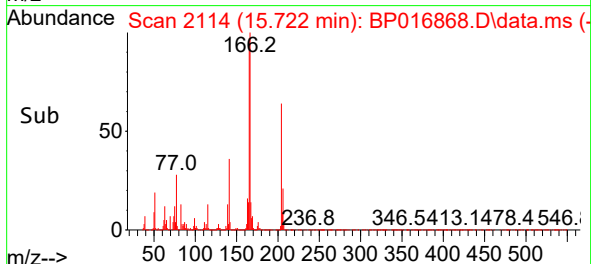
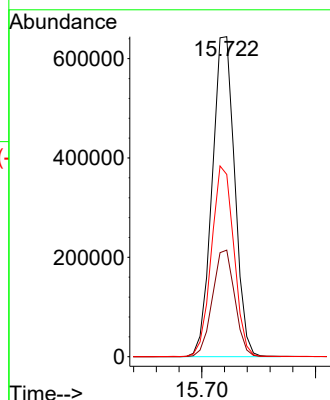
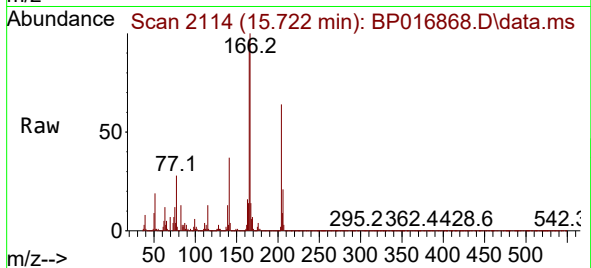




#62
4-Chlorophenyl-phenylether
Concen: 18.030 ng/ul
RT: 15.722 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BP016868.D
Acq: 30 Aug 2023 12:38

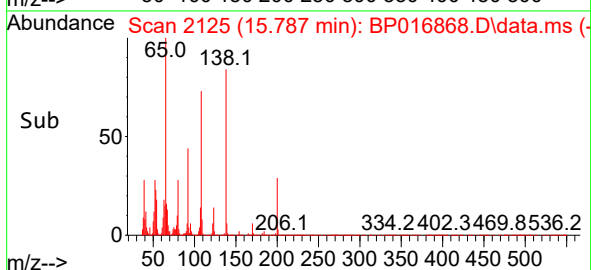
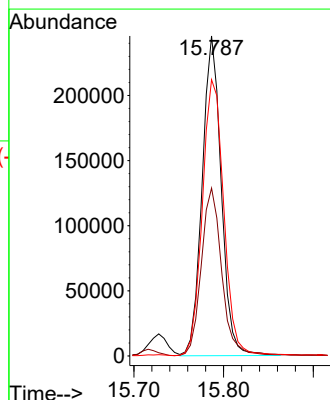
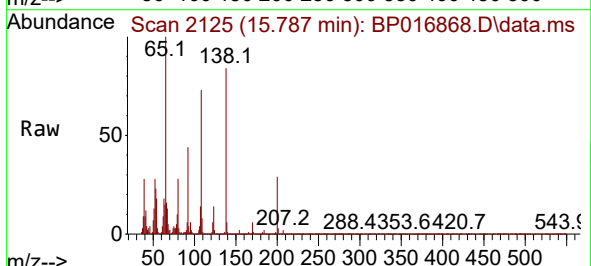
Instrument :
BNA_P
ClientSampleId :

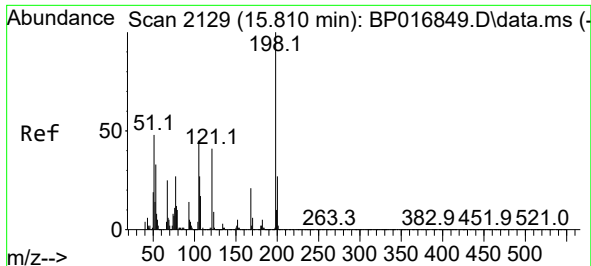
Tgt Ion:204 Resp: 889969
Ion Ratio Lower Upper
204 100
206 33.3 26.7 40.1
141 57.0 46.8 70.2



#63
4-Nitroaniline
Concen: 18.033 ng/ul
RT: 15.787 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BP016868.D
Acq: 30 Aug 2023 12:38

Tgt Ion:138 Resp: 362879
Ion Ratio Lower Upper
138 100
92 52.4 41.6 62.4
108 86.4 74.9 112.3

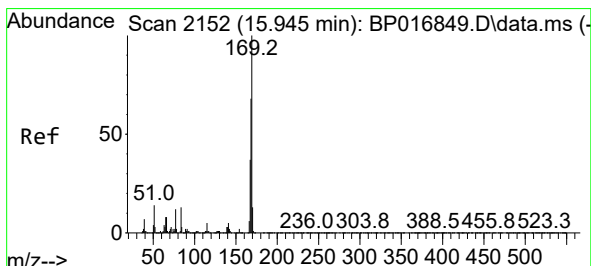
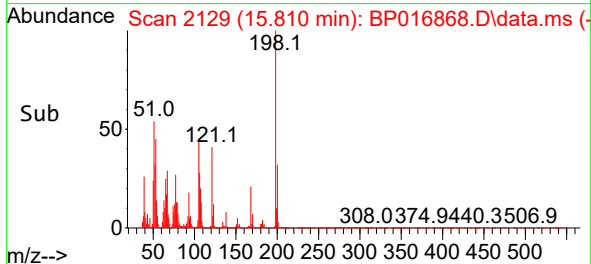
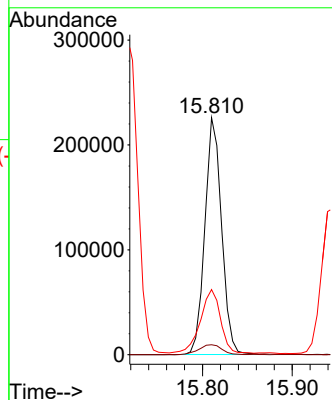
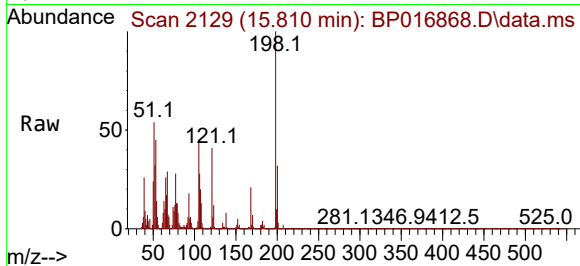




#66
4,6-Dinitro-2-methylphenol
Concen: 15.478 ng/ul
RT: 15.810 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BP016868.D
Acq: 30 Aug 2023 12:38

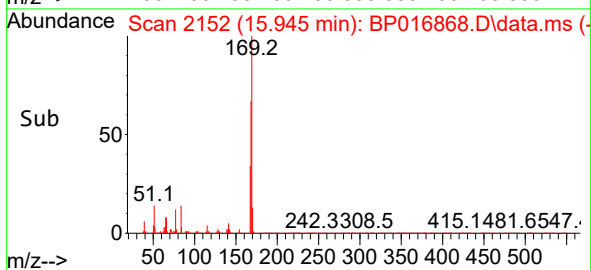
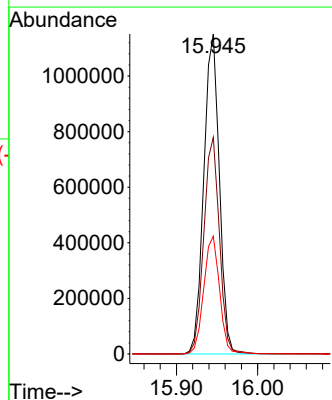
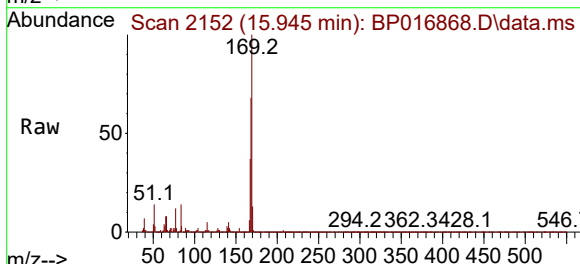
Instrument :
BNA_P
ClientSampleId :

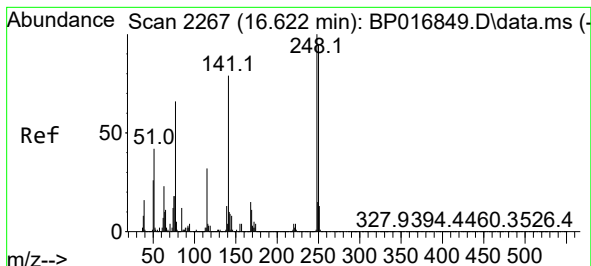
Tgt Ion:198 Resp: 292102
Ion Ratio Lower Upper
198 100
182 4.2 3.2 4.8
77 27.5 20.7 31.1



#67
N-Nitrosodiphenylamine
Concen: 18.829 ng/ul
RT: 15.945 min Scan# 2152
Delta R.T. 0.000 min
Lab File: BP016868.D
Acq: 30 Aug 2023 12:38

Tgt Ion:169 Resp: 1530749
Ion Ratio Lower Upper
169 100
168 67.7 54.2 81.2
167 36.8 29.4 44.2

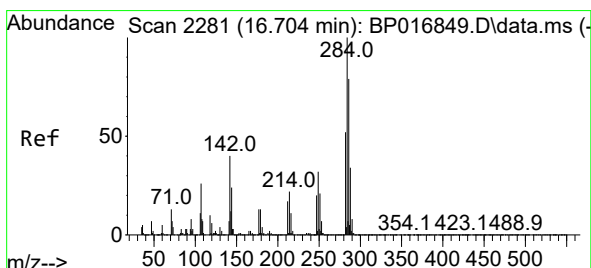
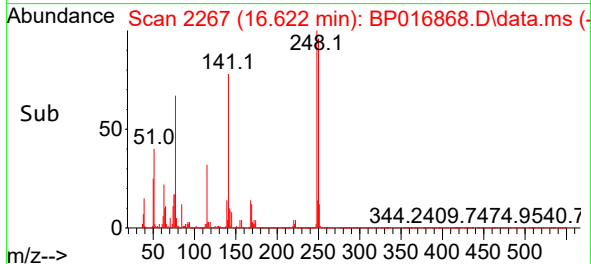
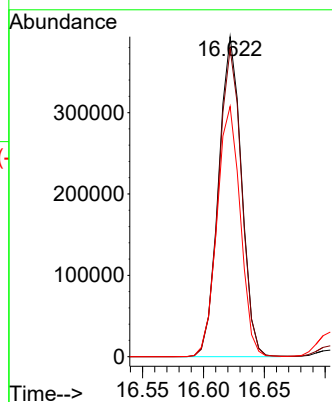
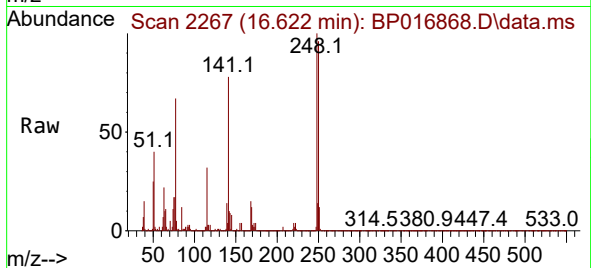




#68
4-Bromophenyl-phenylether
Concen: 18.262 ng/ul
RT: 16.622 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BP016868.D
Acq: 30 Aug 2023 12:38

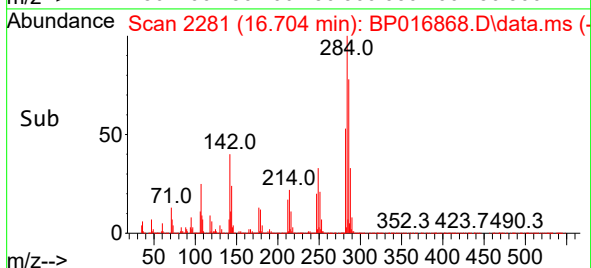
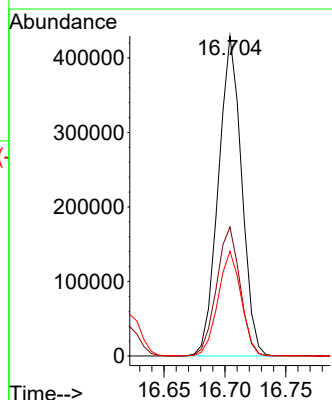
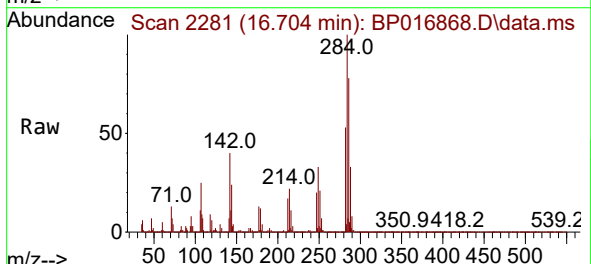
Instrument :
BNA_P
ClientSampleId :

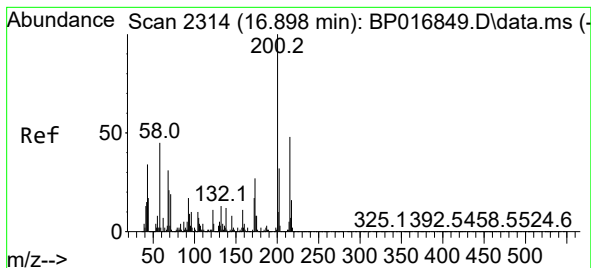
Tgt Ion:248 Resp: 514659
Ion Ratio Lower Upper
248 100
250 96.2 75.4 113.2
141 78.2 58.7 88.1



#69
Hexachlorobenzene
Concen: 18.052 ng/ul
RT: 16.704 min Scan# 2281
Delta R.T. 0.000 min
Lab File: BP016868.D
Acq: 30 Aug 2023 12:38

Tgt Ion:284 Resp: 569588
Ion Ratio Lower Upper
284 100
142 40.3 29.8 44.8
249 32.7 25.9 38.9





#70

Atrazine

Concen: 18.371 ng/ul

RT: 16.898 min Scan# 2314

Delta R.T. 0.000 min

Lab File: BP016868.D

Acq: 30 Aug 2023 12:38

Instrument :

BNA_P

ClientSampleId :

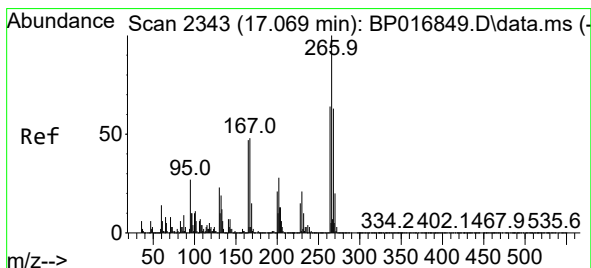
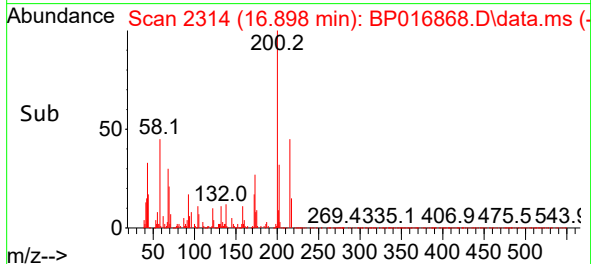
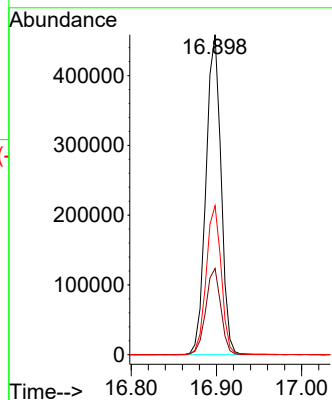
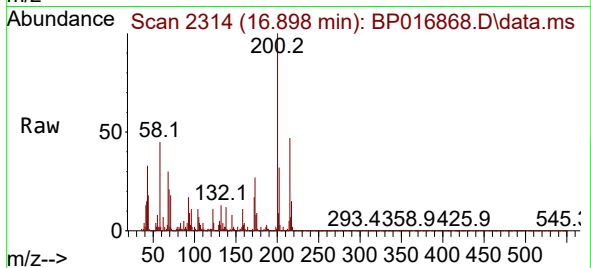
Tgt Ion:200 Resp: 563086

Ion Ratio Lower Upper

200 100

173 27.0 21.4 32.2

215 46.6 37.3 55.9



#71

Pentachlorophenol

Concen: 17.294 ng/ul

RT: 17.069 min Scan# 2343

Delta R.T. 0.000 min

Lab File: BP016868.D

Acq: 30 Aug 2023 12:38

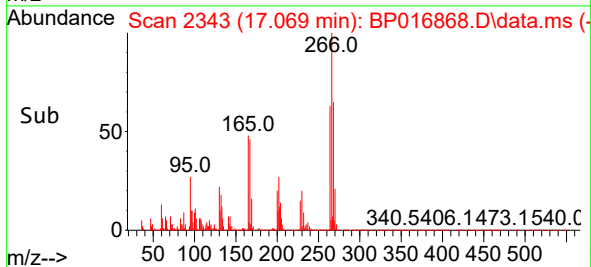
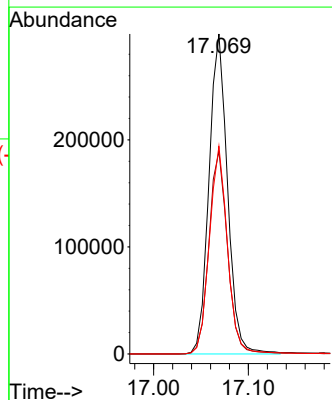
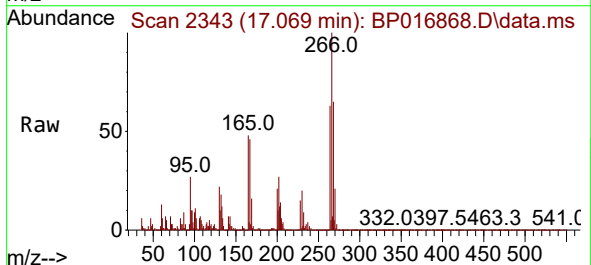
Tgt Ion:266 Resp: 405072

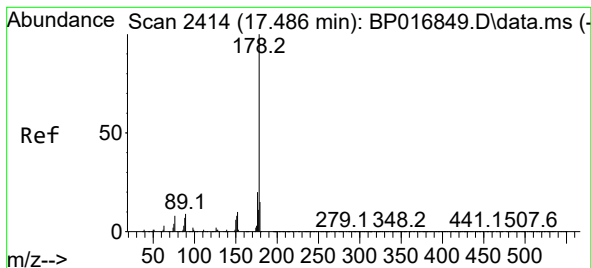
Ion Ratio Lower Upper

266 100

264 63.3 50.7 76.1

268 64.9 50.8 76.2





#72

Phenanthrene

Concen: 18.604 ng/ul

RT: 17.486 min Scan# 2414

Delta R.T. 0.000 min

Lab File: BP016868.D

Acq: 30 Aug 2023 12:38

Instrument :

BNA_P

ClientSampleId :

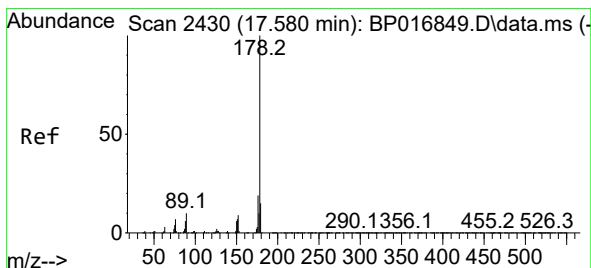
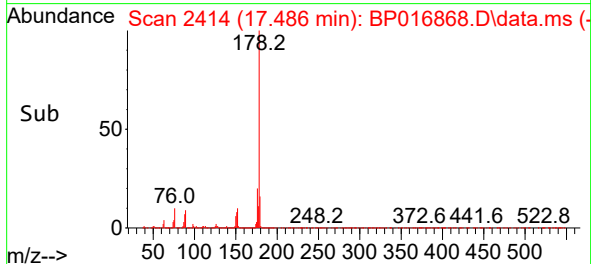
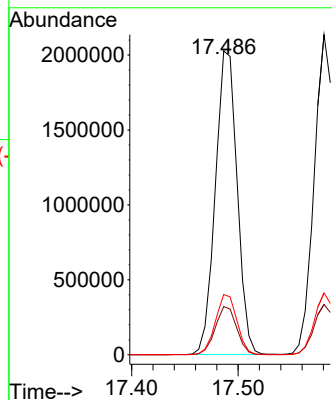
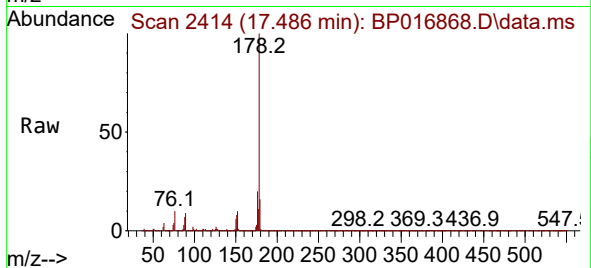
Tgt Ion:178 Resp: 2878800

Ion Ratio Lower Upper

178 100

179 15.9 12.4 18.6

176 19.8 15.6 23.4



#74

Anthracene

Concen: 18.757 ng/ul

RT: 17.581 min Scan# 2430

Delta R.T. 0.000 min

Lab File: BP016868.D

Acq: 30 Aug 2023 12:38

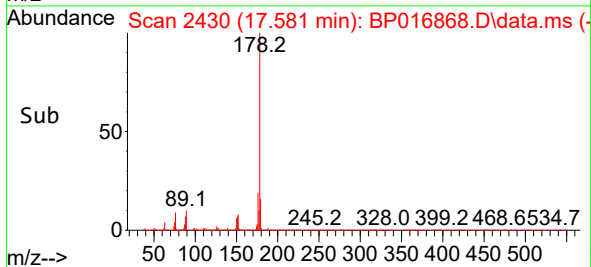
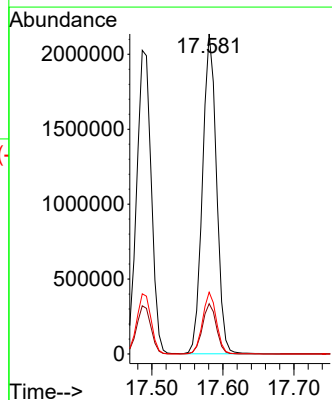
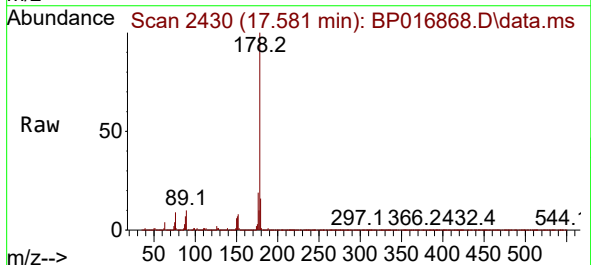
Tgt Ion:178 Resp: 2934865

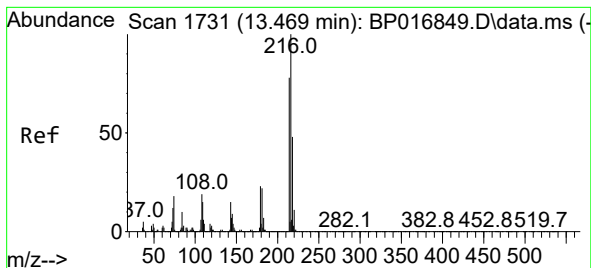
Ion Ratio Lower Upper

178 100

179 15.7 12.4 18.6

176 19.3 15.3 22.9





#75

1,2,3,4-Tetrachlorobenzene

Concen: 19.356 ng/uL

RT: 13.463 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP016868.D

Acq: 30 Aug 2023 12:38

Instrument :

BNA_P

ClientSampleId :

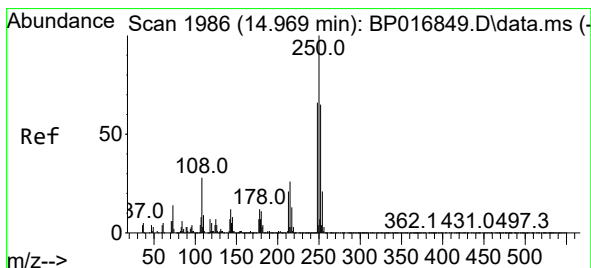
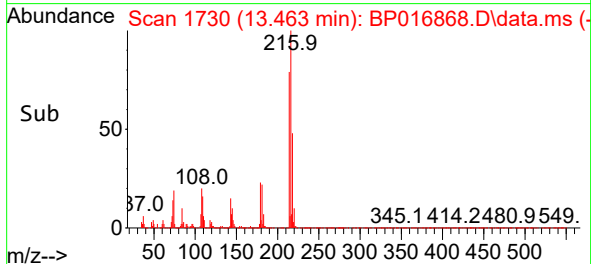
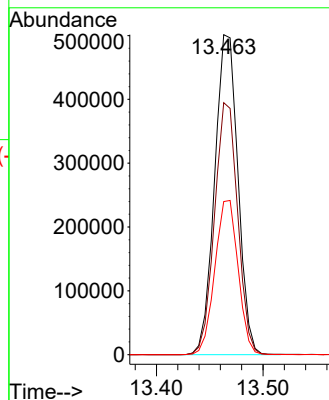
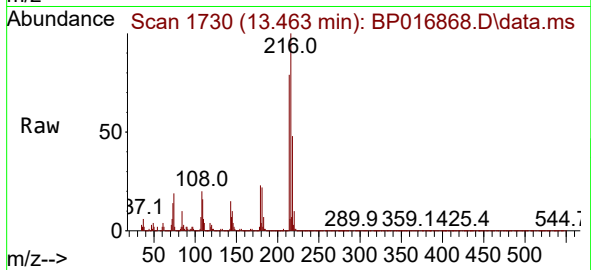
Tgt Ion:216 Resp: 761804

Ion Ratio Lower Upper

216 100

214 78.8 64.0 96.0

218 47.9 38.2 57.2



#76

Pentachlorobenzene

Concen: 18.771 ng/uL

RT: 14.969 min Scan# 1986

Delta R.T. 0.000 min

Lab File: BP016868.D

Acq: 30 Aug 2023 12:38

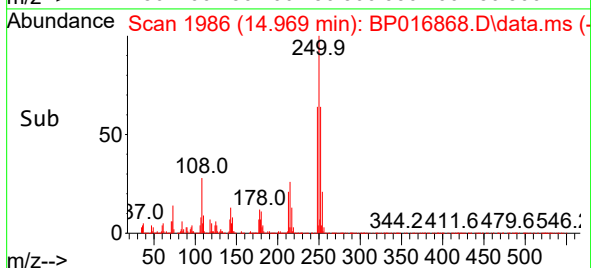
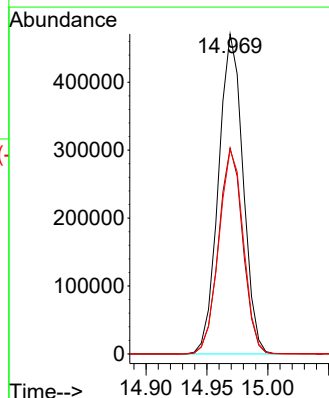
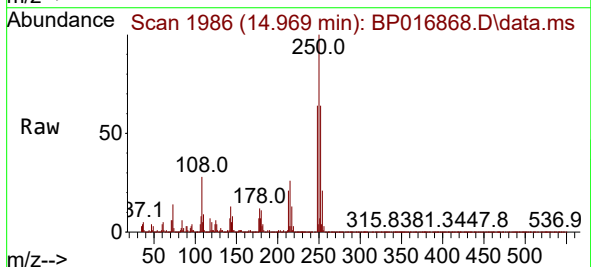
Tgt Ion:250 Resp: 660234

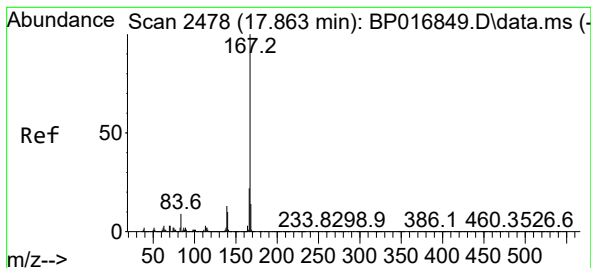
Ion Ratio Lower Upper

250 100

248 64.4 50.9 76.3

252 63.9 52.2 78.4





#77

Carbazole

Concen: 18.741 ng/ul

RT: 17.863 min Scan# 2478

Delta R.T. 0.000 min

Lab File: BP016868.D

Acq: 30 Aug 2023 12:38

Instrument :

BNA_P

ClientSampleId :

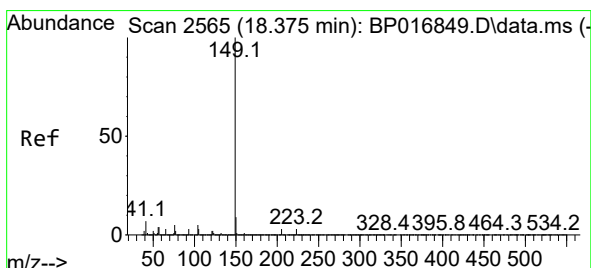
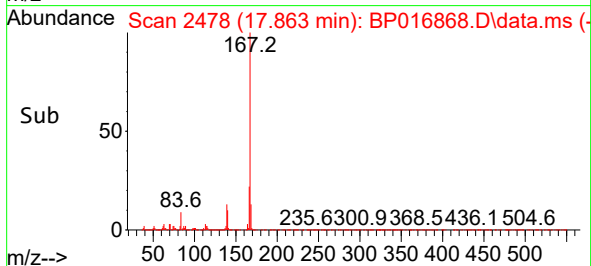
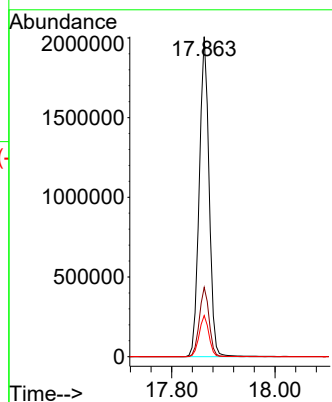
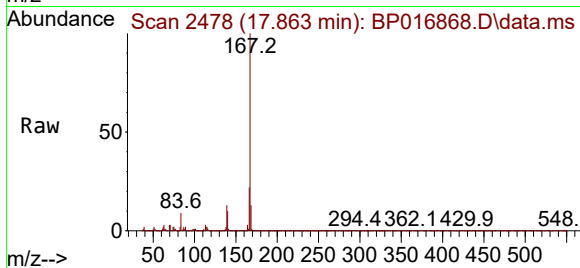
Tgt Ion:167 Resp: 2640985

Ion Ratio Lower Upper

167 100

166 21.7 17.4 26.2

139 12.9 10.4 15.6



#78

Di-n-butylphthalate

Concen: 18.385 ng/ul

RT: 18.375 min Scan# 2565

Delta R.T. 0.000 min

Lab File: BP016868.D

Acq: 30 Aug 2023 12:38

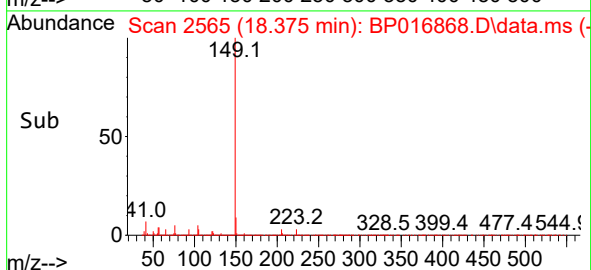
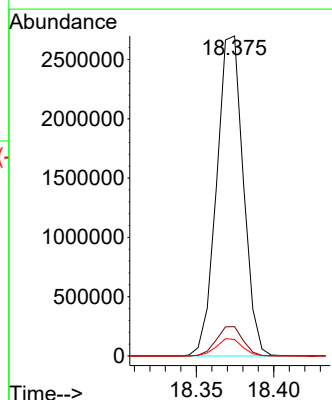
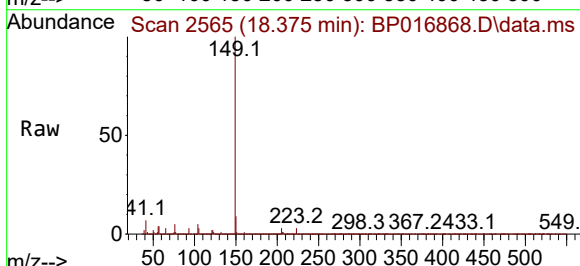
Tgt Ion:149 Resp: 3232192

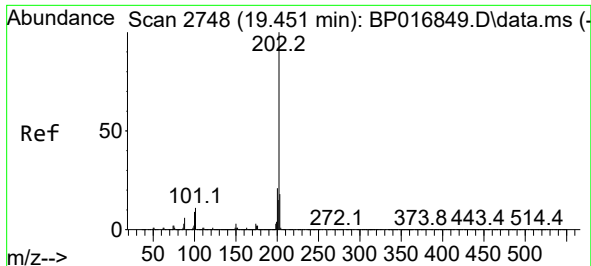
Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

104 5.2 4.1 6.1

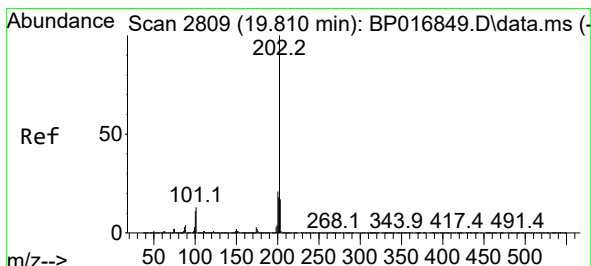
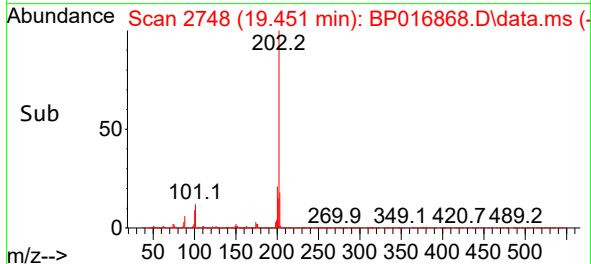
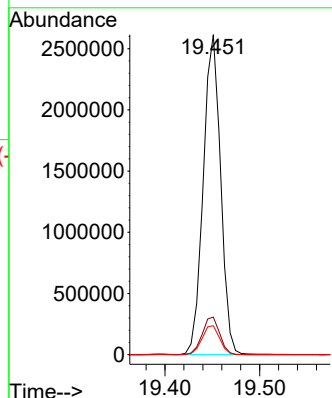
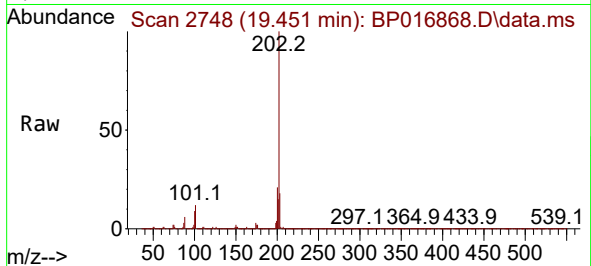




#80
Fluoranthene
Concen: 20.411 ng/ul
RT: 19.451 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP016868.D
Acq: 30 Aug 2023 12:38

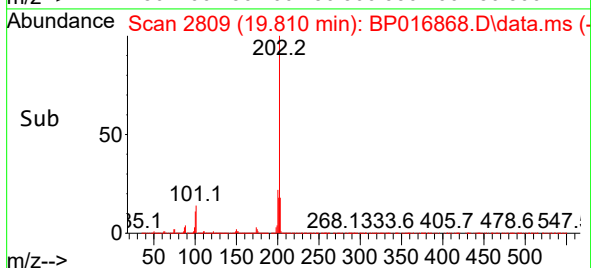
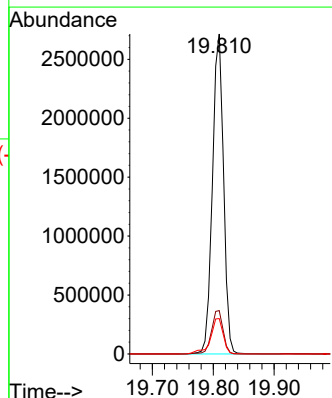
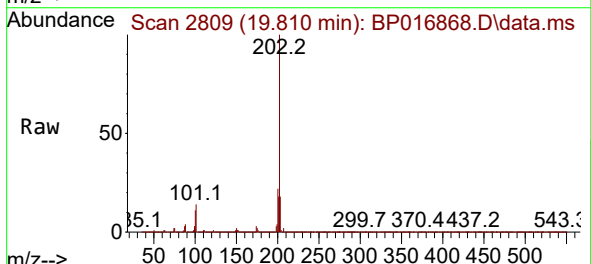
Instrument :
BNA_P
ClientSampleId :

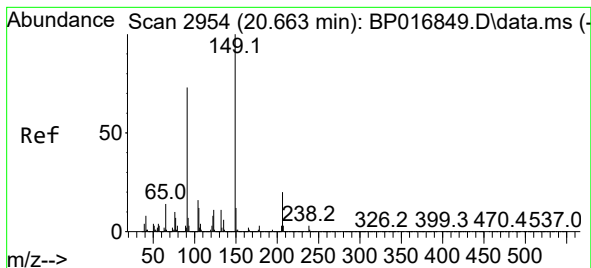
Tgt Ion:202 Resp: 3316889
Ion Ratio Lower Upper
202 100
101 11.7 9.7 14.5
100 9.0 7.4 11.2



#82
Pyrene
Concen: 20.485 ng/ul
RT: 19.810 min Scan# 2809
Delta R.T. 0.000 min
Lab File: BP016868.D
Acq: 30 Aug 2023 12:38

Tgt Ion:202 Resp: 3438649
Ion Ratio Lower Upper
202 100
101 13.6 11.4 17.2
100 11.0 9.4 14.2





#83

Butylbenzylphthalate

Concen: 20.163 ng/ul

RT: 20.663 min Scan# 2954

Delta R.T. 0.000 min

Lab File: BP016868.D

Acq: 30 Aug 2023 12:38

Instrument :

BNA_P

ClientSampleId :

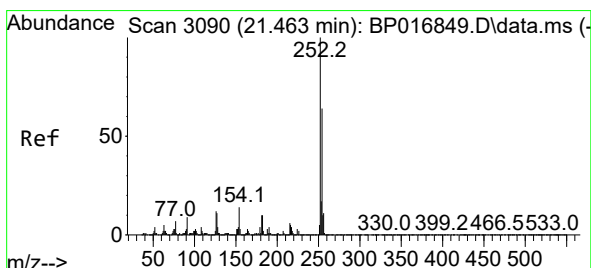
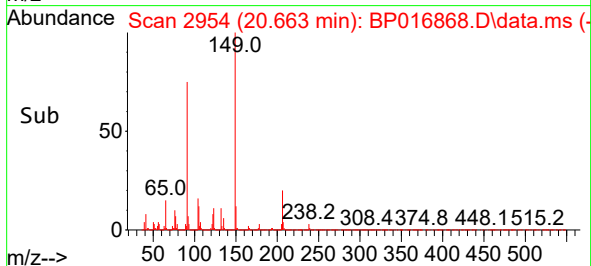
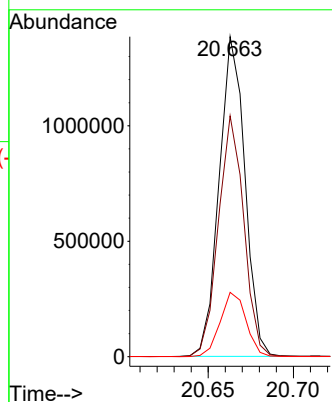
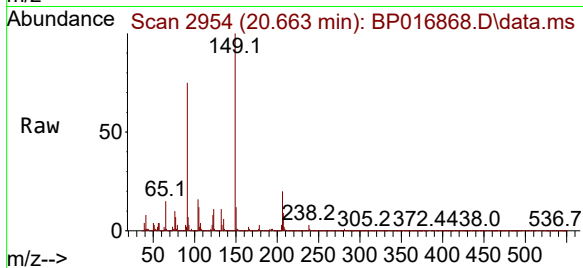
Tgt Ion:149 Resp: 1459673

Ion Ratio Lower Upper

149 100

91 75.2 58.5 87.7

206 20.1 16.1 24.1



#84

3,3'-Dichlorobenzidine

Concen: 17.774 ng/ul

RT: 21.463 min Scan# 3090

Delta R.T. 0.000 min

Lab File: BP016868.D

Acq: 30 Aug 2023 12:38

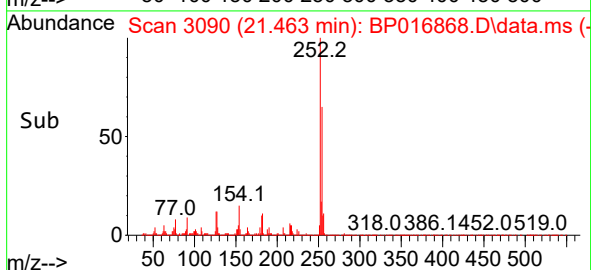
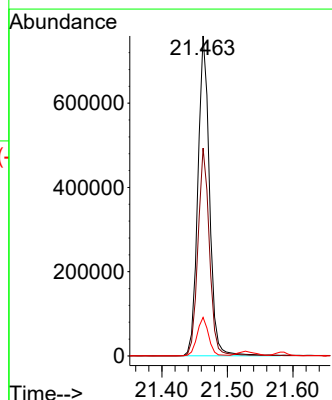
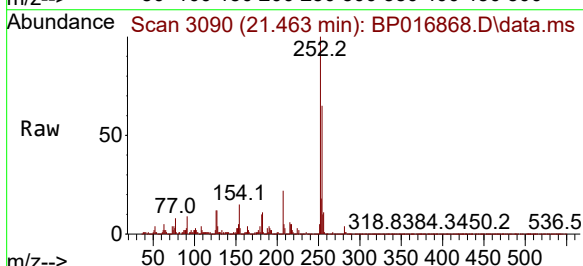
Tgt Ion:252 Resp: 935779

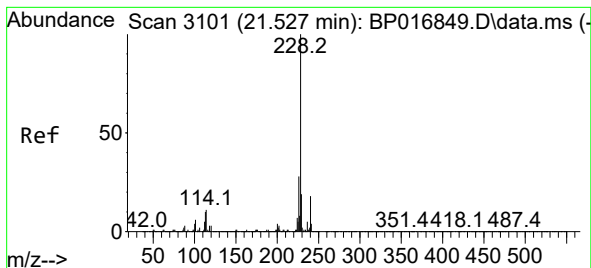
Ion Ratio Lower Upper

252 100

254 64.9 52.1 78.1

126 12.1 9.6 14.4





#85

Benzo(a)anthracene

Concen: 18.819 ng/ul

RT: 21.527 min Scan# 3101

Delta R.T. 0.000 min

Lab File: BP016868.D

Acq: 30 Aug 2023 12:38

Instrument :

BNA_P

ClientSampleId :

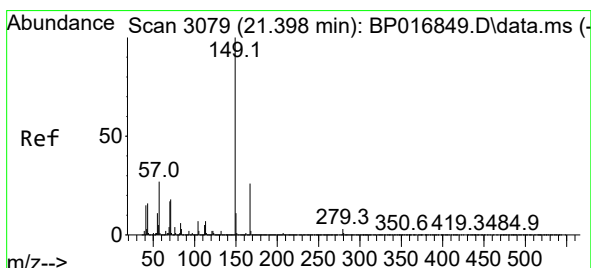
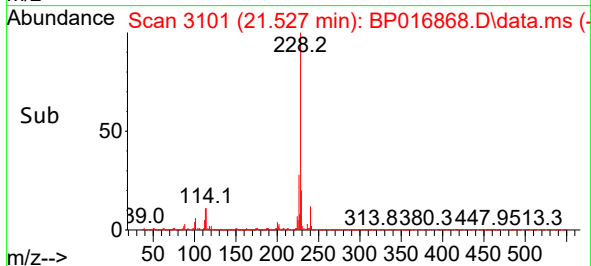
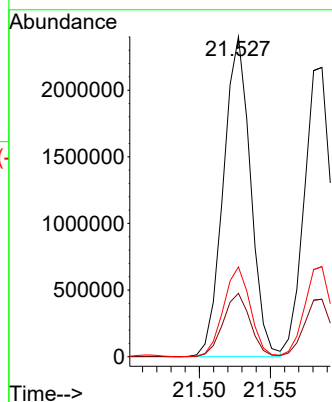
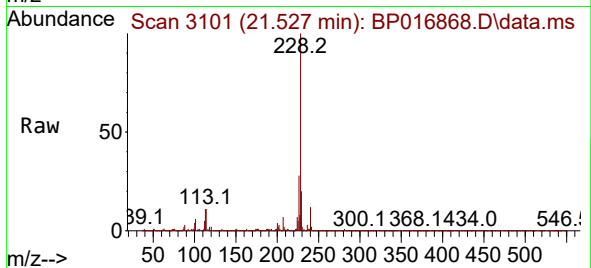
Tgt Ion:228 Resp: 3192902

Ion Ratio Lower Upper

228 100

229 19.8 16.2 24.4

226 28.1 22.9 34.3



#86

Bis(2-ethylhexyl)phthalate

Concen: 20.253 ng/ul

RT: 21.398 min Scan# 3079

Delta R.T. 0.000 min

Lab File: BP016868.D

Acq: 30 Aug 2023 12:38

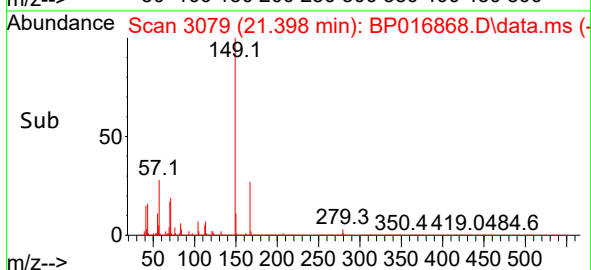
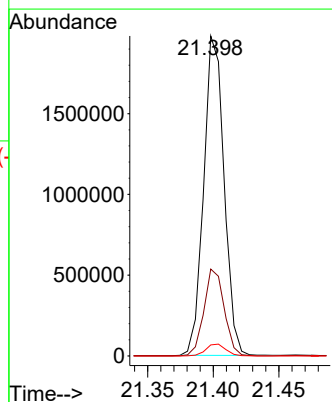
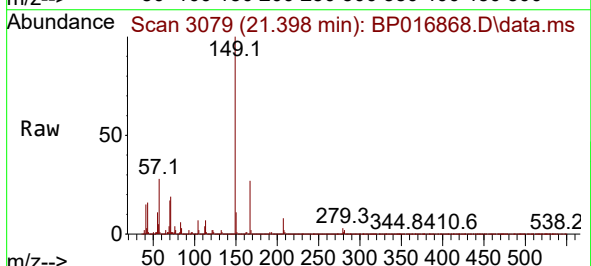
Tgt Ion:149 Resp: 2140822

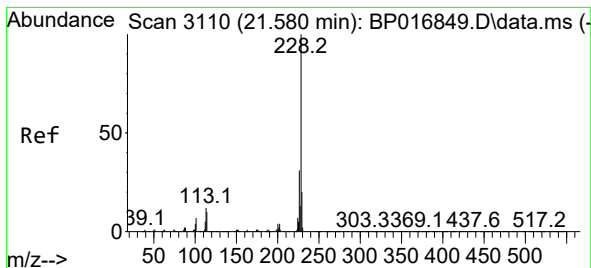
Ion Ratio Lower Upper

149 100

167 27.2 22.1 33.1

279 3.4 3.0 4.4





#87

Chrysene

Concen: 18.718 ng/ul

RT: 21.586 min Scan# 3110

Delta R.T. 0.006 min

Lab File: BP016868.D

Acq: 30 Aug 2023 12:38

Instrument :

BNA_P

ClientSampleId :

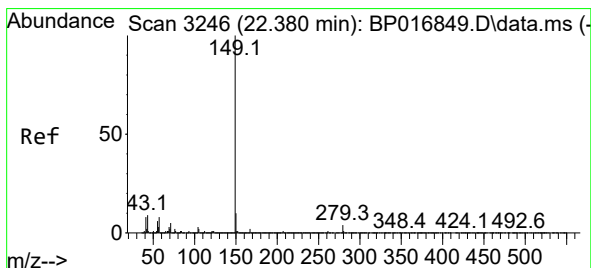
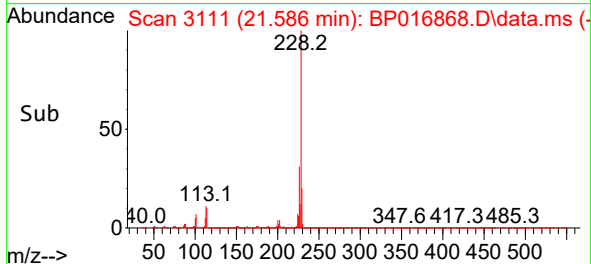
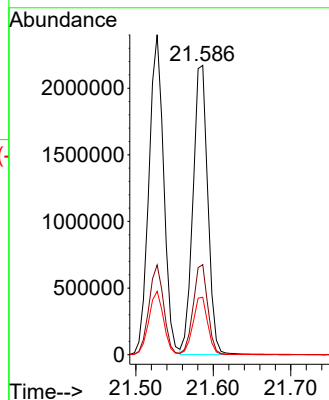
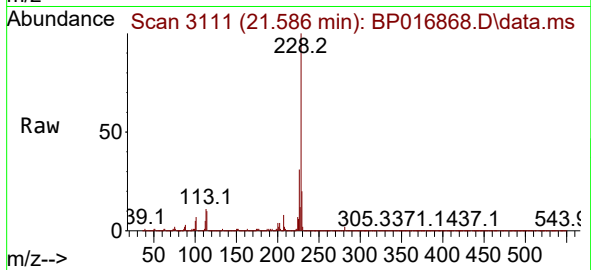
Tgt Ion:228 Resp: 2884677

Ion Ratio Lower Upper

228 100

226 31.2 25.0 37.4

229 19.9 16.0 24.0



#89

Di-n-octyl phthalate

Concen: 20.568 ng/ul

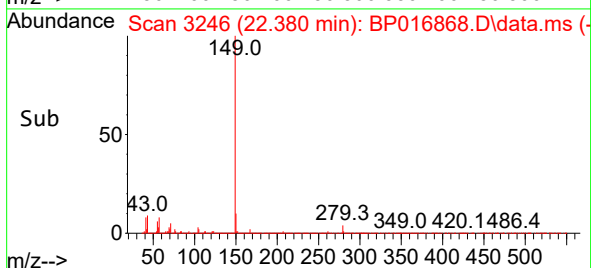
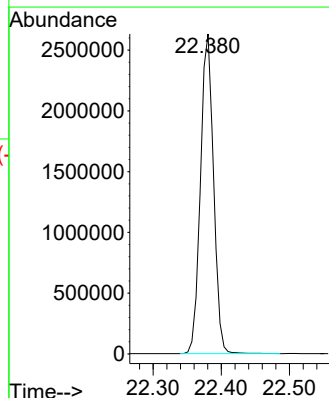
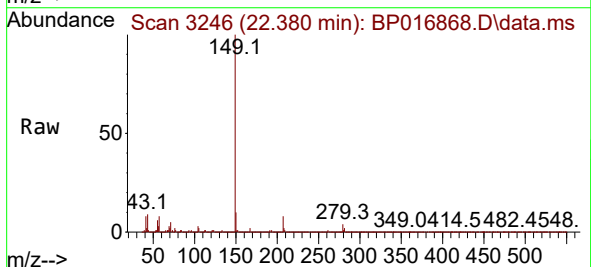
RT: 22.380 min Scan# 3246

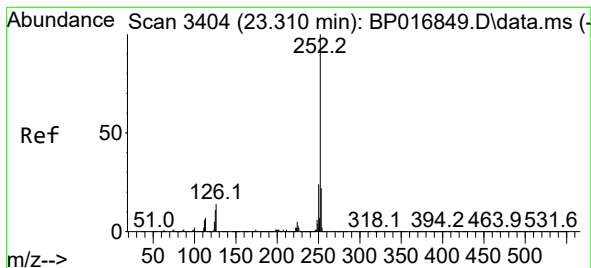
Delta R.T. 0.000 min

Lab File: BP016868.D

Acq: 30 Aug 2023 12:38

Tgt Ion:149 Resp: 3508026





#90

Benzo(b)fluoranthene

Concen: 18.294 ng/ul

RT: 23.310 min Scan# 3404

Delta R.T. 0.000 min

Lab File: BP016868.D

Acq: 30 Aug 2023 12:38

Instrument :

BNA_P

ClientSampleId :

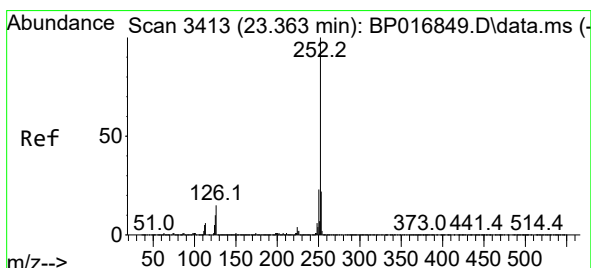
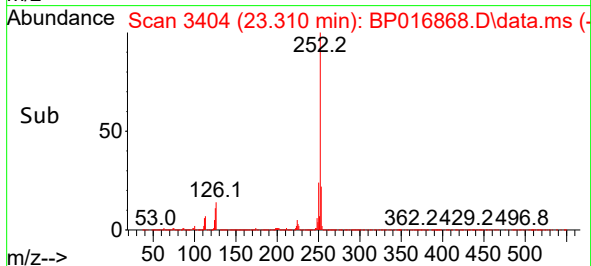
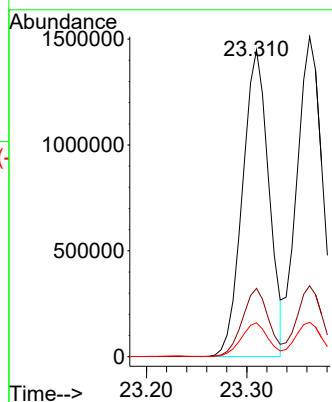
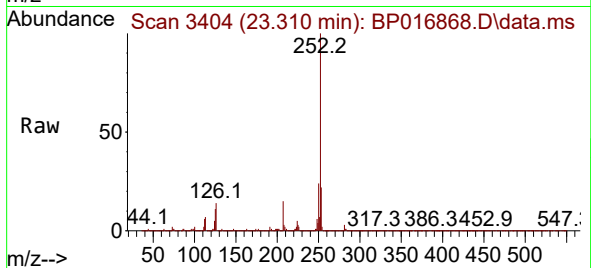
Tgt Ion:252 Resp: 2645719

Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 11.1 9.0 13.4



#91

Benzo(k)fluoranthene

Concen: 18.688 ng/ul

RT: 23.363 min Scan# 3413

Delta R.T. 0.000 min

Lab File: BP016868.D

Acq: 30 Aug 2023 12:38

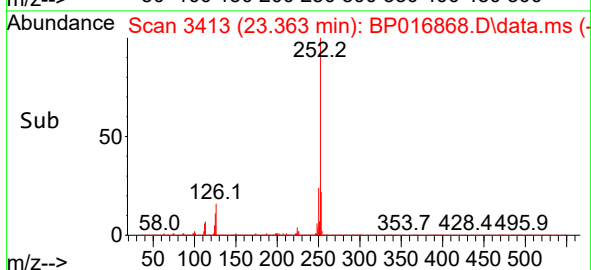
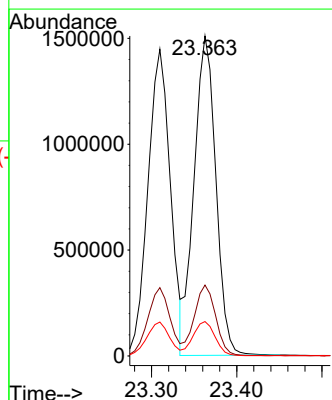
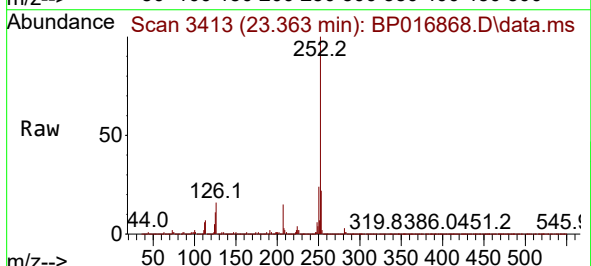
Tgt Ion:252 Resp: 2673063

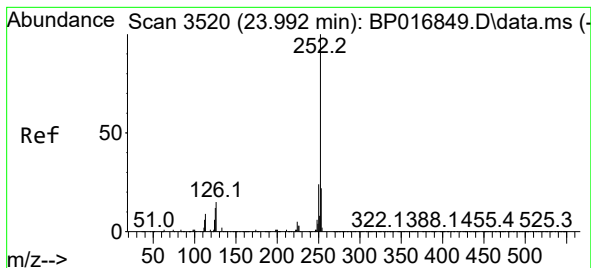
Ion Ratio Lower Upper

252 100

253 22.2 18.1 27.1

125 10.7 8.9 13.3





#93

Benzo(a)pyrene

Concen: 18.478 ng/ul

RT: 23.992 min Scan# 3520

Delta R.T. 0.000 min

Lab File: BP016868.D

Acq: 30 Aug 2023 12:38

Instrument :

BNA_P

ClientSampleId :

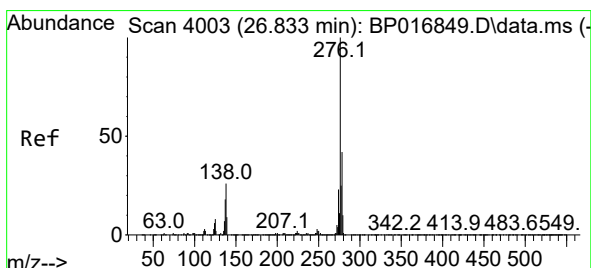
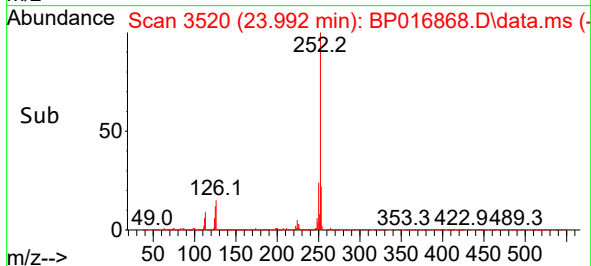
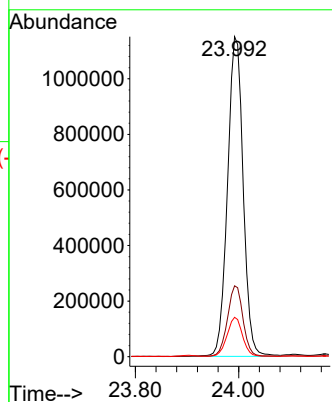
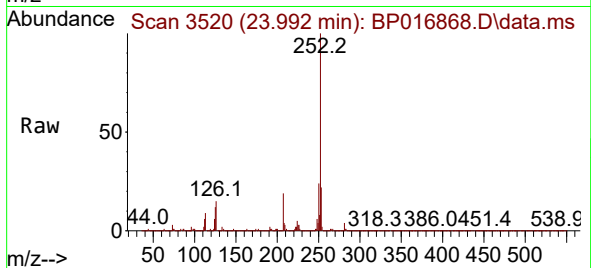
Tgt Ion:252 Resp: 2417255

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

125 12.3 9.9 14.9



#94

Indeno(1,2,3-cd)pyrene

Concen: 19.252 ng/ul

RT: 26.833 min Scan# 4003

Delta R.T. 0.000 min

Lab File: BP016868.D

Acq: 30 Aug 2023 12:38

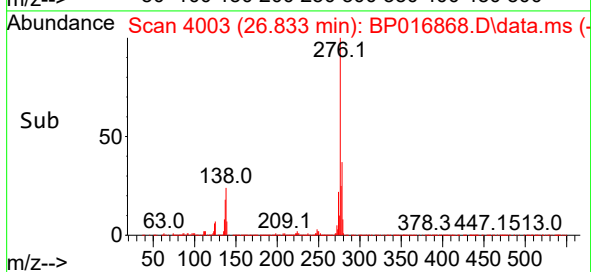
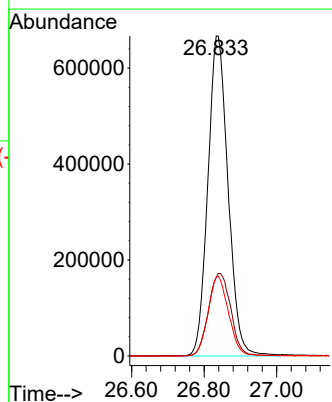
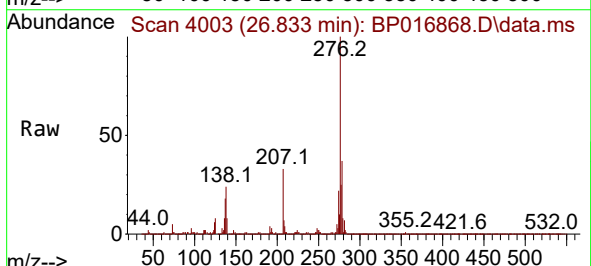
Tgt Ion:276 Resp: 2573516

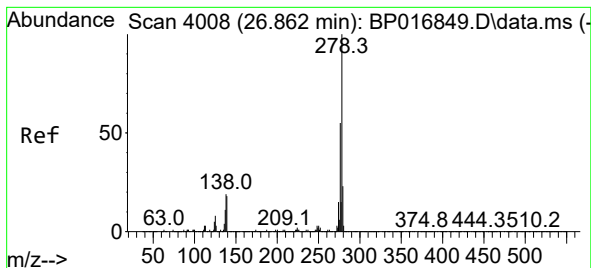
Ion Ratio Lower Upper

276 100

138 24.5 20.9 31.3

277 24.6 19.8 29.6





#95

Dibenzo(a,h)anthracene

Concen: 19.141 ng/ul

RT: 26.862 min Scan# 4008

Delta R.T. 0.000 min

Lab File: BP016868.D

Acq: 30 Aug 2023 12:38

Instrument :

BNA_P

ClientSampleId :

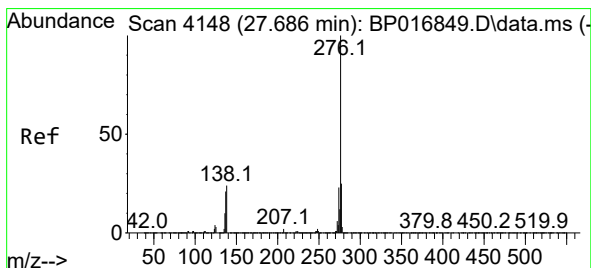
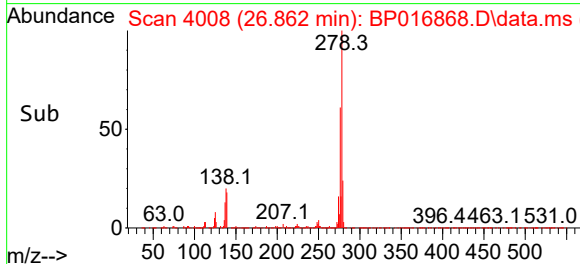
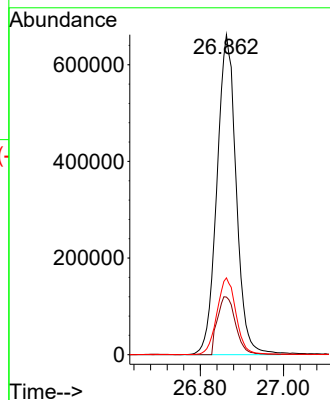
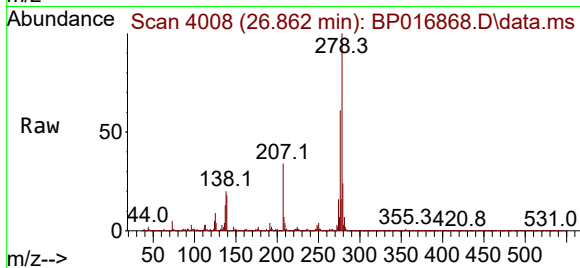
Tgt Ion:278 Resp: 2125188

Ion Ratio Lower Upper

278 100

139 18.0 15.0 22.6

279 24.0 19.4 29.2



#96

Benzo(g,h,i)perylene

Concen: 19.957 ng/ul

RT: 27.692 min Scan# 4149

Delta R.T. 0.006 min

Lab File: BP016868.D

Acq: 30 Aug 2023 12:38

Tgt Ion:276 Resp: 2022599

Ion Ratio Lower Upper

276 100

138 23.9 20.2 30.4

277 23.8 19.3 28.9

