

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
 Data File : BP015784.D
 Acq On : 28 Jun 2023 17:48
 Operator : MA/JU
 Sample : PB153625BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jun 28 23:58:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 27 00:56:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.057	152	205205	20.000	ng/u1	0.00
20) Naphthalene-d8	10.881	136	895336	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.704	164	555366	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.469	188	1174032	20.000	ng/u1	0.00
79) Chrysene-d12	21.557	240	804621	20.000	ng/u1	0.00
88) Perylene-d12	24.104	264	810081	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	32921	5.772	ng/uL	0.00
4) Pyridine-d5	3.822	84	442161	30.754	ng/u1	0.00
7) Phenol-d5	7.228	99	625181	35.607	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.381	67	405945	37.371	ng/u1	0.00
11) 2-Chlorophenol-d4	7.587	132	490045	36.974	ng/u1	0.00
15) 4-Methylphenol-d8	8.787	113	519468	37.452	ng/u1	0.00
21) Nitrobenzene-d5	9.240	128	249703	36.493	ng/u1	0.00
24) 2-Nitrophenol-d4	9.969	143	286534	35.879	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.516	165	504734	35.467	ng/u1	0.00
31) 4-Chloroaniline-d4	11.034	131	664982	36.375	ng/u1	0.00
46) Dimethylphthalate-d6	14.116	166	1546901	36.037	ng/u1	0.00
49) Acenaphthylene-d8	14.404	160	1730858	35.870	ng/u1	0.00
54) 4-Nitrophenol-d4	14.939	143	229952	40.594	ng/u1	0.00
60) Fluorene-d10	15.704	176	1262206	35.711	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.851	200	252580	34.982	ng/u1	0.00
73) Anthracene-d10	17.569	188	1918082	35.767	ng/u1	0.00
81) Pyrene-d10	19.798	212	2045673	38.936	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.933	264	1532971	37.514	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.416	88	69318	11.293	ng/uL	98
5) Pyridine	3.840	79	447846	29.775	ng/u1	99
6) Benzaldehyde	7.199	77	376691	53.066	ng/u1	96
8) Phenol	7.252	94	632101	34.693	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.475	93	510408	35.209	ng/u1	99
12) 2-Chlorophenol	7.616	128	469688	33.357	ng/u1	97
13) 2-Methylphenol	8.516	108	481998	35.038	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.593	45	728635	36.800	ng/u1	98
16) Acetophenone	8.899	105	771594	33.841	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.875	70	434276	34.294	ng/u1	99
18) 4-Methylphenol	8.851	108	522878	35.376	ng/u1	97
19) Hexachloroethane	9.140	117	210045	32.298	ng/u1	97
22) Nitrobenzene	9.281	77	636037	33.101	ng/u1	99
23) Isophorone	9.810	82	1225240	33.321	ng/u1	100
25) 2-Nitrophenol	9.998	139	292572	34.520	ng/u1	94
26) 2,4-Dimethylphenol	10.057	107	568323	30.503	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.287	93	720538	34.712	ng/u1	98
29) 2,4-Dichlorophenol	10.540	162	483753	34.191	ng/u1	98
30) Naphthalene	10.934	128	1577498	32.410	ng/u1	99
32) 4-Chloroaniline	11.063	127	592801	31.211	ng/u1	98
33) Hexachlorobutadiene	11.204	225	318915	29.848	ng/u1	98
34) Caprolactam	11.863	113	167987	38.816	ng/u1	92
35) 4-Chloro-3-methylphenol	12.187	107	569781	34.405	ng/u1	100
36) 2-Methylnaphthalene	12.540	142	1061172	33.119	ng/u1	98

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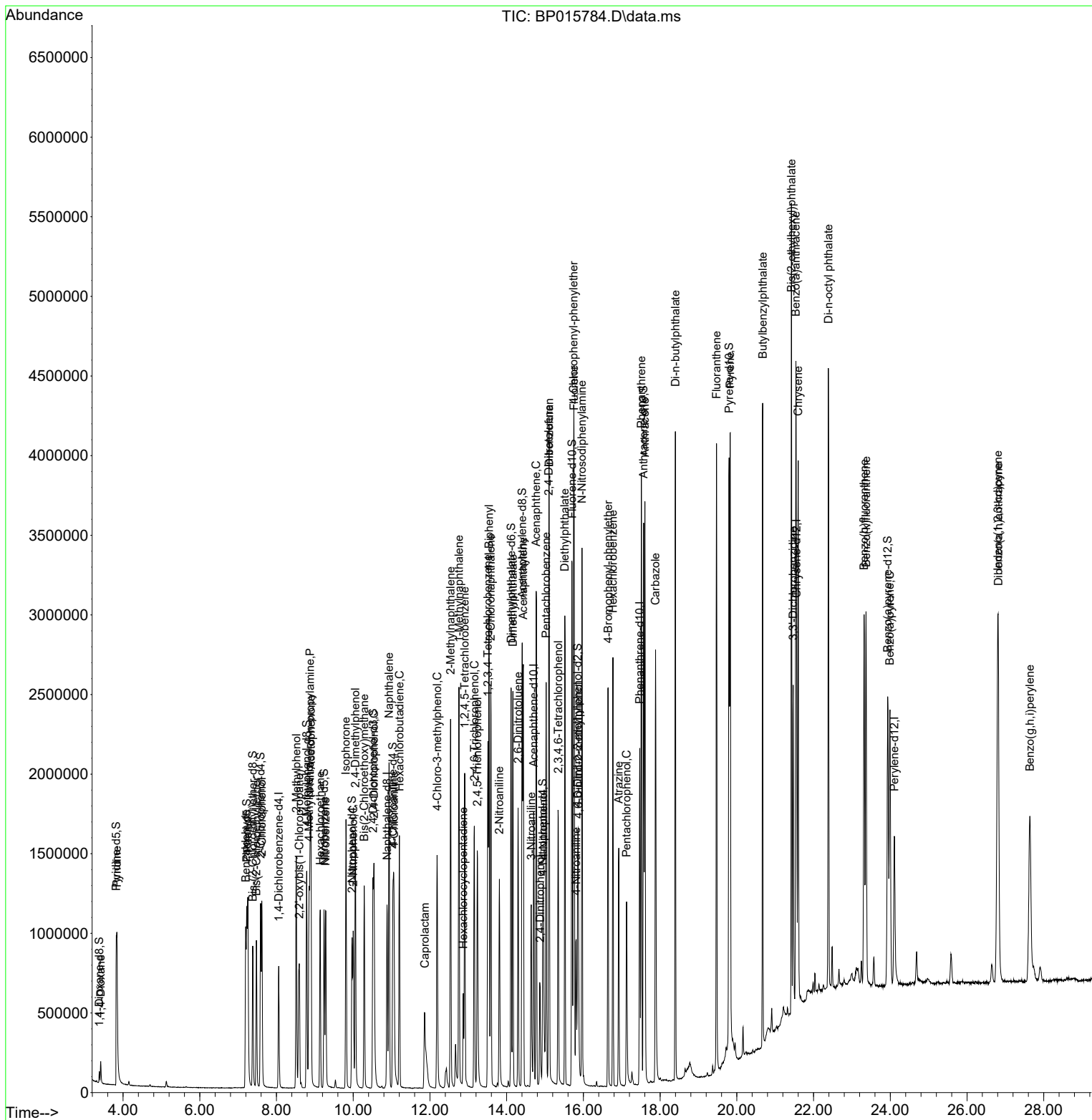
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 BNA_P
 ClientSampleId :

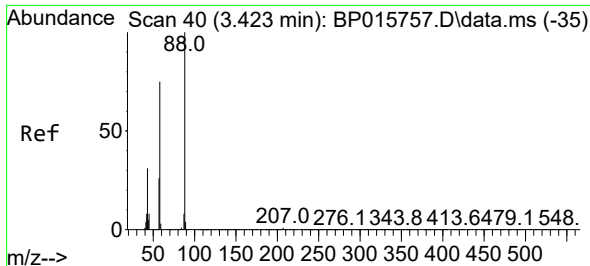
Quant Time: Jun 28 23:58:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 27 00:56:58 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.757	142	1074017	32.859	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.904	216	587548	32.104	ng/ul	99
40) Hexachlorocyclopentadiene	12.869	237	145721	26.616	ng/ul	99
41) 2,4,6-Trichlorophenol	13.157	196	378731	32.745	ng/ul	98
42) 2,4,5-Trichlorophenol	13.234	196	416540	33.954	ng/ul	98
43) 1,1'-Biphenyl	13.539	154	1439051	32.714	ng/ul	98
44) 2-Chloronaphthalene	13.587	162	1134459	32.738	ng/ul	99
45) 2-Nitroaniline	13.810	65	403707	37.025	ng/ul	96
47) Dimethylphthalate	14.163	163	1467476	33.033	ng/ul	99
48) 2,6-Dinitrotoluene	14.298	165	319962	35.507	ng/ul	99
50) Acenaphthylene	14.434	152	1758777	33.079	ng/ul	99
51) 3-Nitroaniline	14.639	138	312381	44.206	ng/ul	95
52) Acenaphthene	14.769	153	1206835	32.733	ng/ul	98
53) 2,4-Dinitrophenol	14.869	184	151414	31.671	ng/ul	90
55) 4-Nitrophenol	14.957	109	187377	31.920	ng/ul	91
56) Dibenzofuran	15.110	168	1682831	32.879	ng/ul	97
57) 2,4-Dinitrotoluene	15.098	165	442777	36.057	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.345	232	334638	31.757	ng/ul	98
59) Diethylphthalate	15.516	149	1535450	34.155	ng/ul	99
61) Fluorene	15.757	166	1375423	33.131	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.745	204	686135	32.300	ng/ul	97
63) 4-Nitroaniline	15.810	138	275613	56.987	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.869	198	239543	32.791	ng/ul	98
67) N-Nitrosodiphenylamine	15.963	169	1189985	33.858	ng/ul	99
68) 4-Bromophenyl-phenylether	16.645	248	437751	32.652	ng/ul	92
69) Hexachlorobenzene	16.769	284	512343	32.388	ng/ul	97
70) Atrazine	16.922	200	265178	19.710	ng/ul	97
71) Pentachlorophenol	17.128	266	234619	30.902	ng/ul	98
72) Phenanthrene	17.510	178	2149430	33.701	ng/ul	99
74) Anthracene	17.604	178	2153783	33.607	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.510	216	590010	30.884	ng/uL	99
76) Pentachlorobenzene	15.028	250	594188	30.818	ng/uL	98
77) Carbazole	17.880	167	1934587	35.815	ng/ul	99
78) Di-n-butylphthalate	18.398	149	2696287	37.652	ng/ul	99
80) Fluoranthene	19.469	202	2387654	36.566	ng/ul	96
82) Pyrene	19.827	202	2351932	35.310	ng/ul	95
83) Butylbenzylphthalate	20.674	149	1139017	41.915	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.468	252	687919	37.821	ng/ul	100
85) Benzo(a)anthracene	21.539	228	1964576	34.709	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.421	149	1656084	44.345	ng/ul	99
87) Chrysene	21.598	228	1853637	34.518	ng/ul	99
89) Di-n-octyl phthalate	22.386	149	2572558	43.454	ng/ul	100
90) Benzo(b)fluoranthene	23.315	252	1851639	35.573	ng/ul	98
91) Benzo(k)fluoranthene	23.368	252	1722040	32.744	ng/ul	99
93) Benzo(a)pyrene	23.992	252	1570971	34.541	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.803	276	2068254	33.498	ng/ul	96
95) Dibenzo(a,h)anthracene	26.815	278	1699627	33.514	ng/ul	97
96) Benzo(g,h,i)perylene	27.639	276	1707244	33.611	ng/ul	98

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

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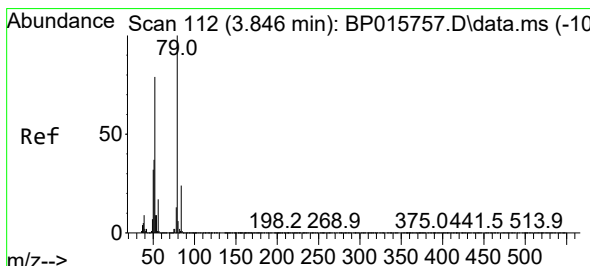
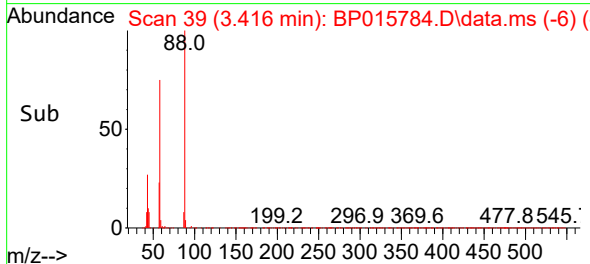
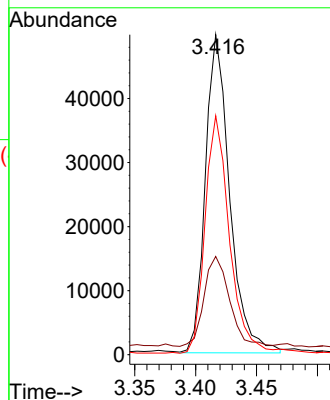
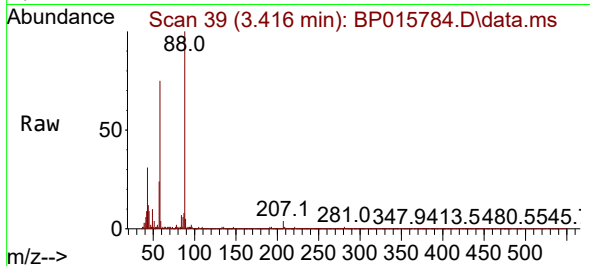




#2
 1,4-Dioxane
 Concen: 11.293 ng/uL
 RT: 3.416 min Scan# 39
 Delta R.T. -0.006 min
 Lab File: BP015784.D
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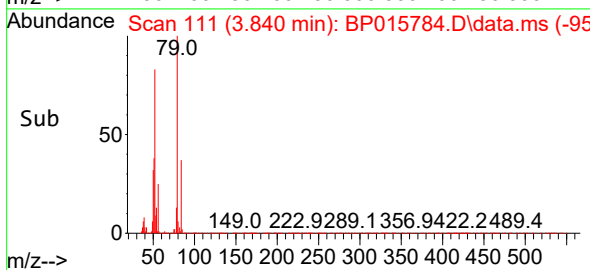
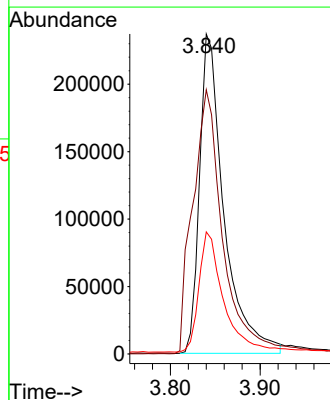
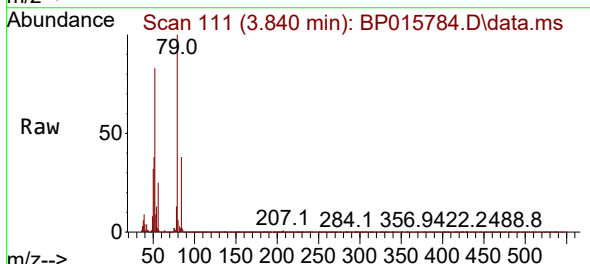
Instrument :
 BNA_P
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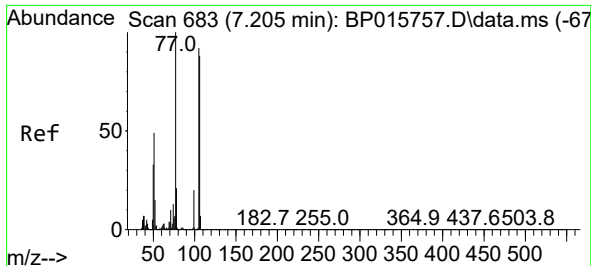
Tgt Ion: 88 Resp: 69318
 Ion Ratio Lower Upper
 88 100
 43 30.7 27.4 41.2
 58 74.7 59.8 89.8



#5
 Pyridine
 Concen: 29.775 ng/uL
 RT: 3.840 min Scan# 111
 Delta R.T. -0.006 min
 Lab File: BP015784.D
 Acq: 28 Jun 2023 17:48

Tgt Ion: 79 Resp: 447846
 Ion Ratio Lower Upper
 79 100
 52 82.6 65.5 98.3
 51 38.1 31.8 47.8

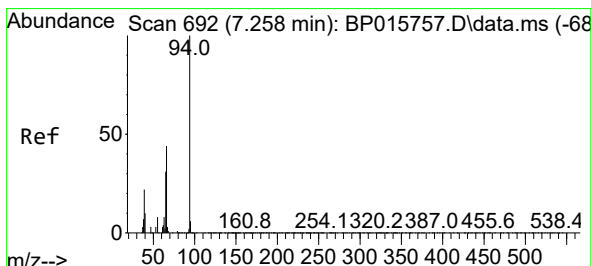
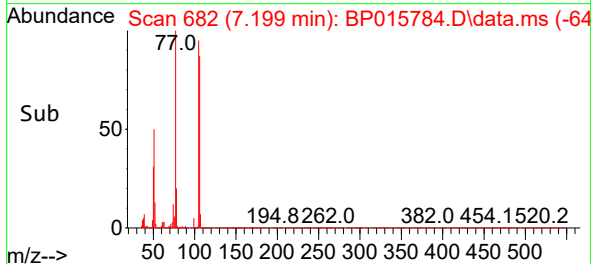
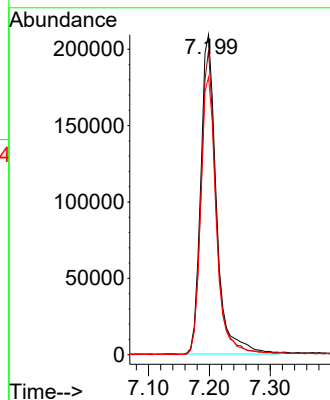
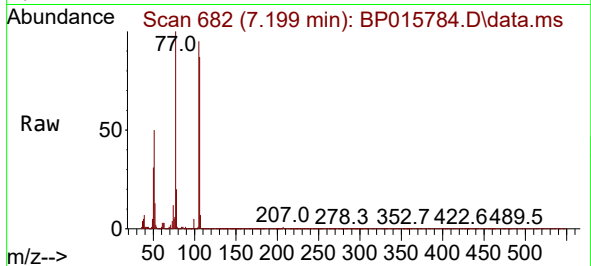




#6
Benzaldehyde
Concen: 53.066 ng/ul
RT: 7.199 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP015784.D
Acq: 28 Jun 2023 17:48

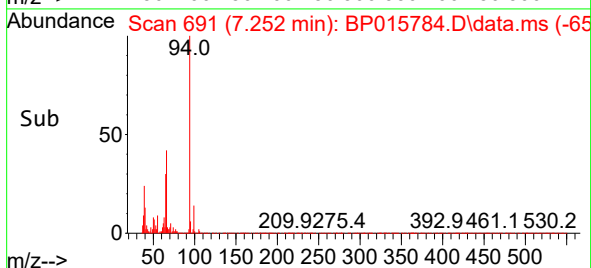
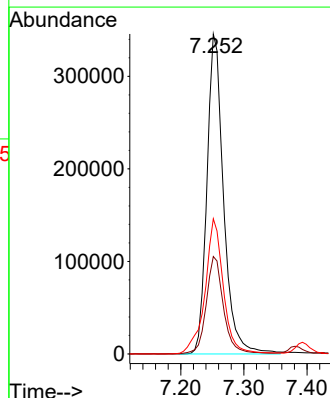
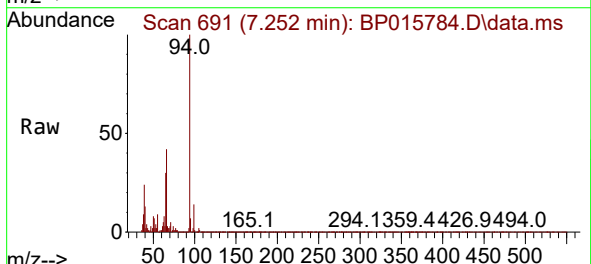
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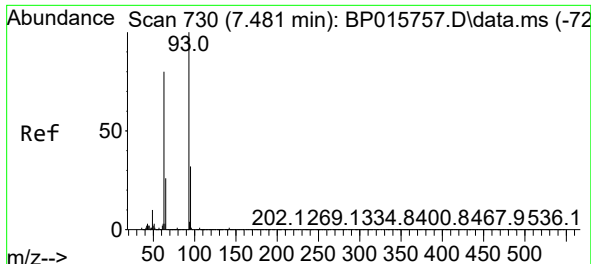
Tgt Ion: 77 Resp: 376691
Ion Ratio Lower Upper
77 100
105 95.1 73.4 110.0
106 86.7 66.6 100.0



#8
Phenol
Concen: 34.693 ng/ul
RT: 7.252 min Scan# 691
Delta R.T. -0.006 min
Lab File: BP015784.D
Acq: 28 Jun 2023 17:48

Tgt Ion: 94 Resp: 632101
Ion Ratio Lower Upper
94 100
65 30.5 26.4 39.6
66 42.3 37.3 55.9

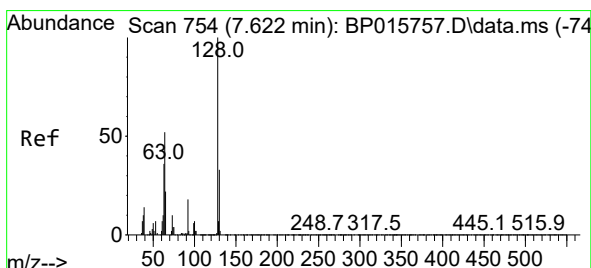
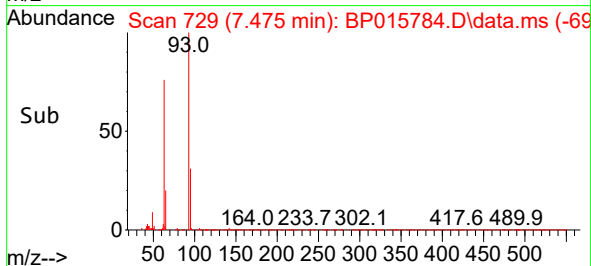
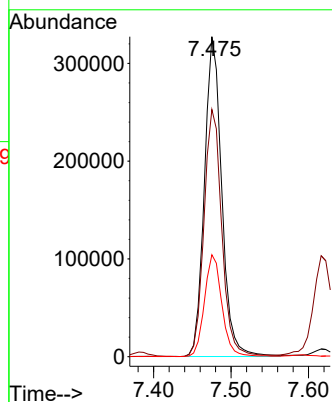
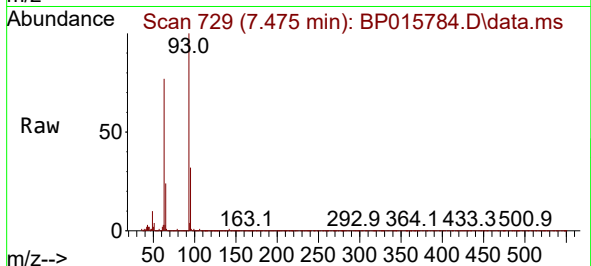




#10
 Bis(2-Chloroethyl)ether
 Concen: 35.209 ng/ul
 RT: 7.475 min Scan# 710
 Delta R.T. -0.006 min
 Lab File: BP015784.D
 Acq: 28 Jun 2023 17:48

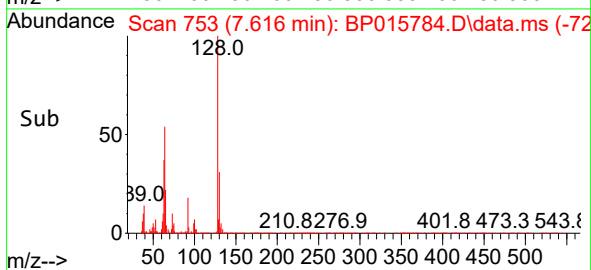
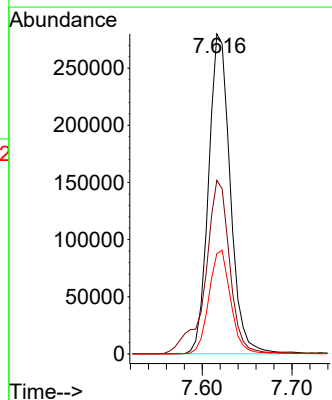
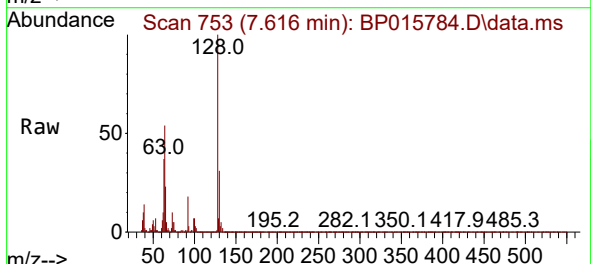
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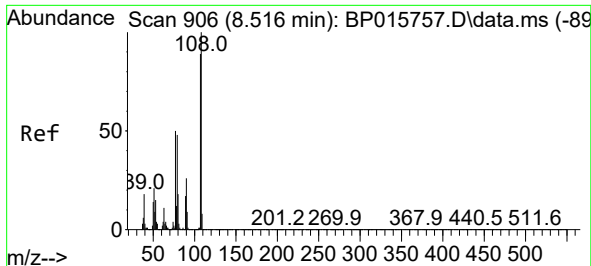
Tgt Ion: 93	Resp: 510408
Ion Ratio	Lower Upper
93 100	
63 77.3	62.8 94.2
95 31.9	25.6 38.4



#12
 2-Chlorophenol
 Concen: 33.357 ng/ul
 RT: 7.616 min Scan# 753
 Delta R.T. -0.012 min
 Lab File: BP015784.D
 Acq: 28 Jun 2023 17:48

Tgt Ion:128	Resp: 469688
Ion Ratio	Lower Upper
128 100	
64 54.3	41.2 61.8
130 31.3	26.0 39.0





#13

2-Methylphenol

Concen: 35.038 ng/ul

RT: 8.516 min Scan# 906

Delta R.T. -0.006 min

Lab File: BP015784.D

Acq: 28 Jun 2023 17:48

Instrument :

BNA_P

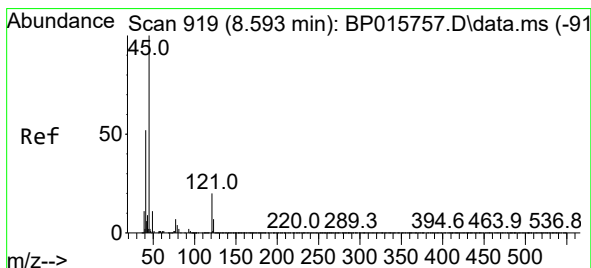
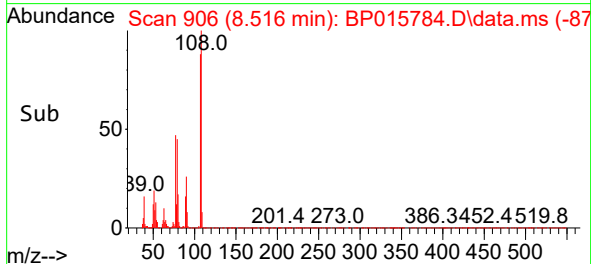
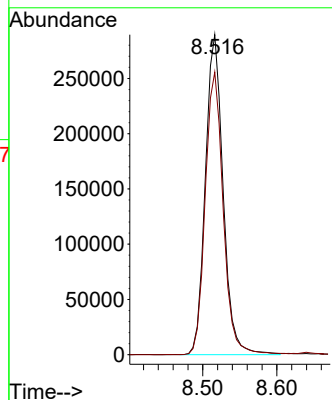
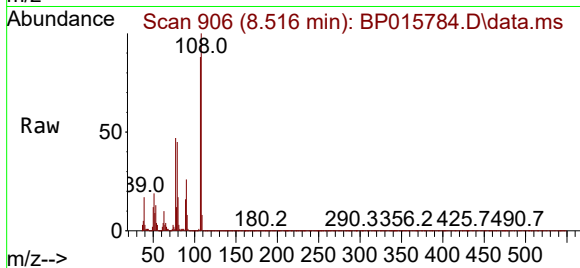
ClientSampleId :

Tgt Ion:108 Resp: 481998

Ion Ratio Lower Upper

108 100

107 88.3 73.8 110.6



#14

2,2'-oxybis(1-Chloropropane)

Concen: 36.800 ng/ul

RT: 8.593 min Scan# 919

Delta R.T. -0.000 min

Lab File: BP015784.D

Acq: 28 Jun 2023 17:48

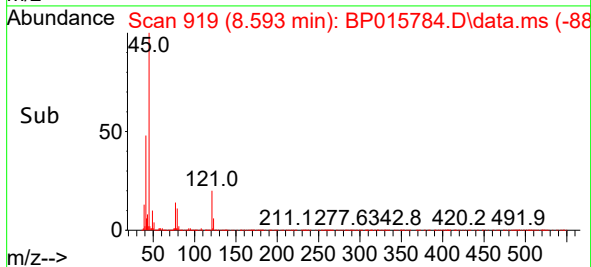
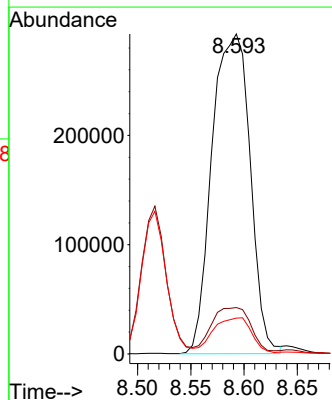
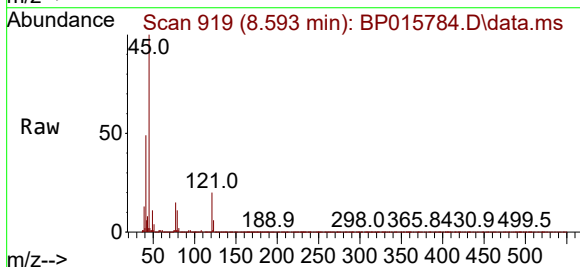
Tgt Ion: 45 Resp: 728635

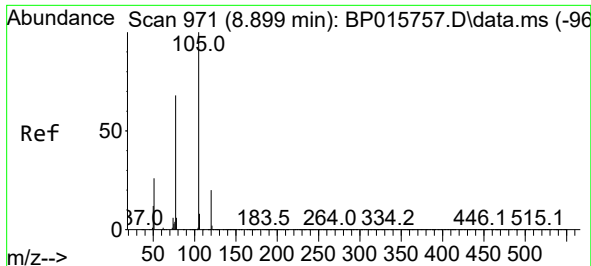
Ion Ratio Lower Upper

45 100

77 14.5 12.4 18.6

79 11.2 9.3 13.9

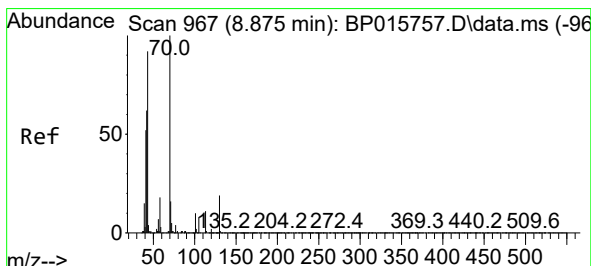
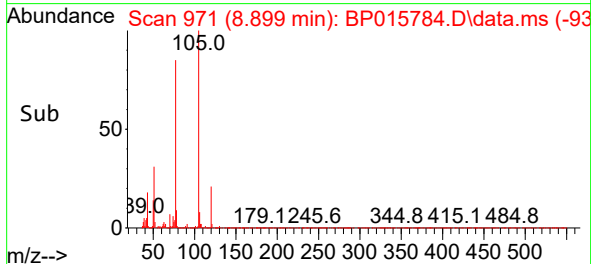
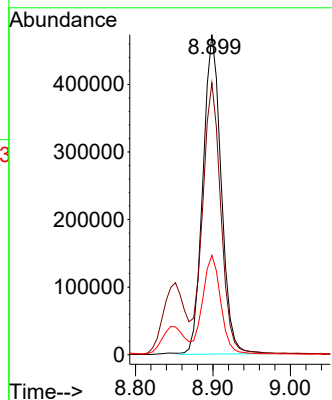
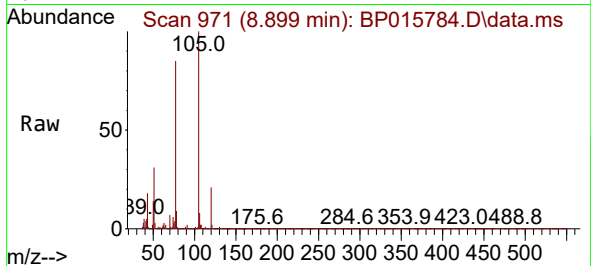




#16
Acetophenone
Concen: 33.841 ng/ul
RT: 8.899 min Scan# 971
Delta R.T. -0.006 min
Lab File: BP015784.D
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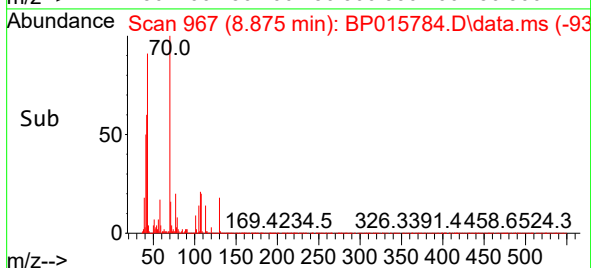
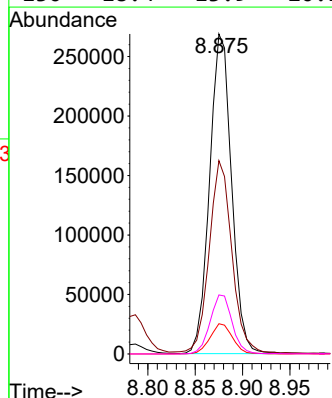
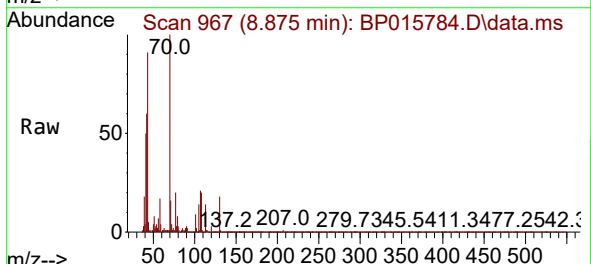
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BNA_P
ClientSampleId :

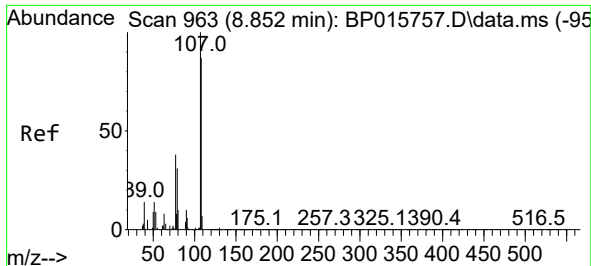
Tgt Ion:105 Resp: 771594
Ion Ratio Lower Upper
105 100
77 85.0 65.0 97.4
51 31.1 25.1 37.7



#17
N-Nitroso-di-n-propylamine
Concen: 34.294 ng/ul
RT: 8.875 min Scan# 967
Delta R.T. -0.006 min
Lab File: BP015784.D
Acq: 28 Jun 2023 17:48

Tgt Ion: 70 Resp: 434276
Ion Ratio Lower Upper
70 100
42 60.4 48.2 72.2
101 9.5 7.6 11.4
130 18.4 13.9 20.9

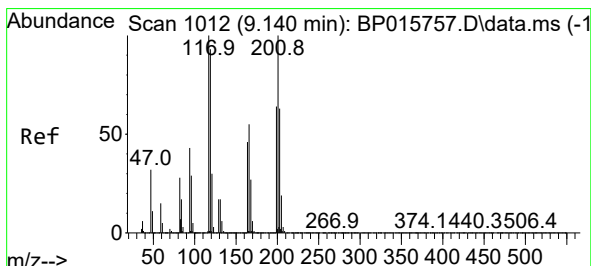
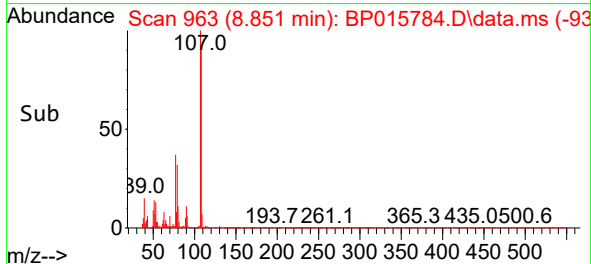
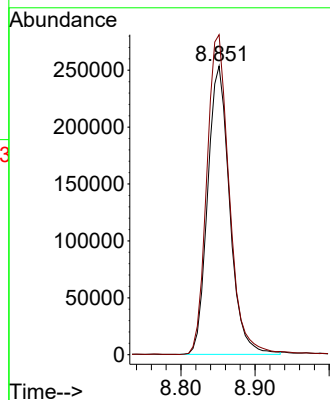
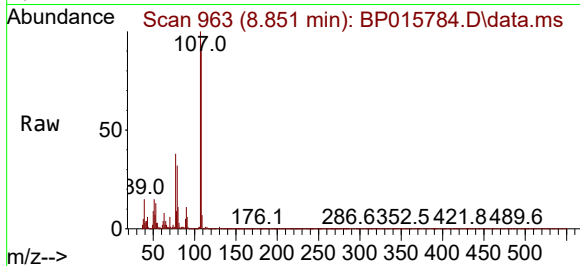




#18
4-Methylphenol
Concen: 35.376 ng/ul
RT: 8.851 min Scan# 90
Delta R.T. -0.006 min
Lab File: BP015784.D
Acq: 28 Jun 2023 17:48

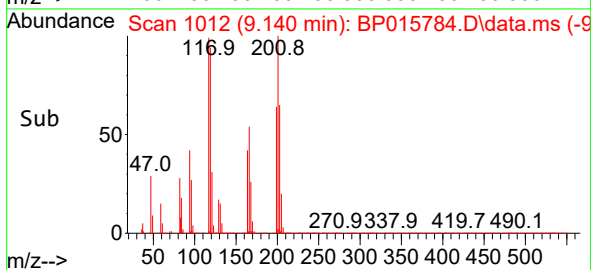
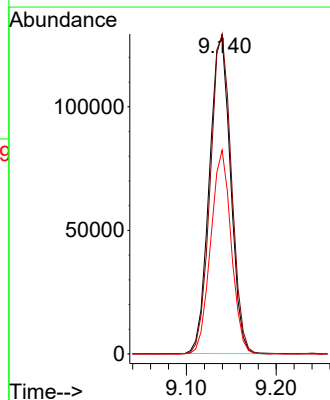
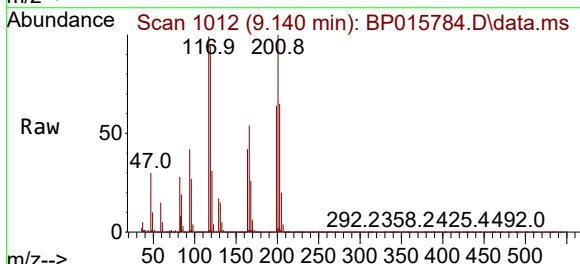
Instrument :
BNA_P
ClientSampleId :

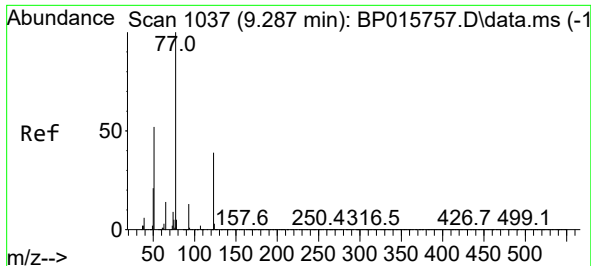
Tgt Ion:108 Resp: 522878
Ion Ratio Lower Upper
108 100
107 110.8 91.3 136.9



#19
Hexachloroethane
Concen: 32.298 ng/ul
RT: 9.140 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BP015784.D
Acq: 28 Jun 2023 17:48

Tgt Ion:117 Resp: 210045
Ion Ratio Lower Upper
117 100
201 100.9 84.2 126.2
199 64.2 51.8 77.8

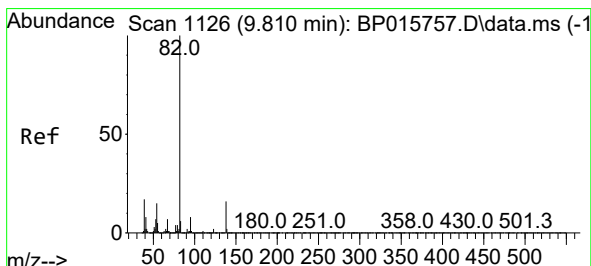
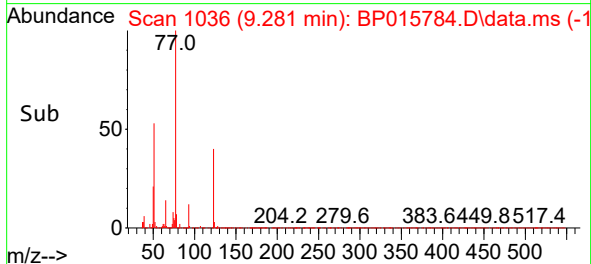
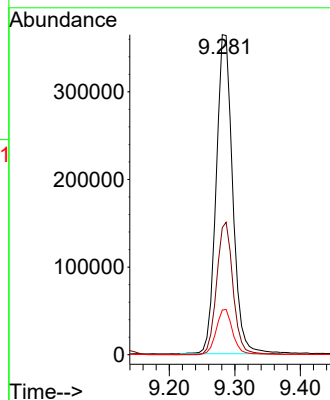
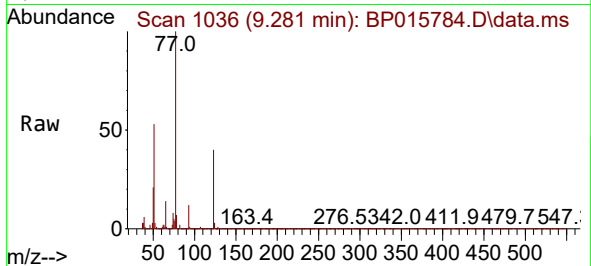




#22
Nitrobenzene
Concen: 33.101 ng/ul
RT: 9.281 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BP015784.D
Acq: 28 Jun 2023 17:48

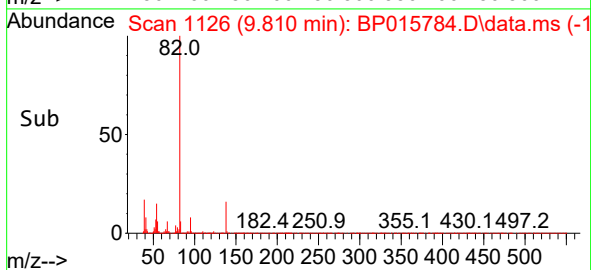
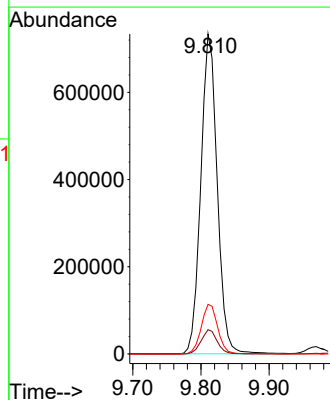
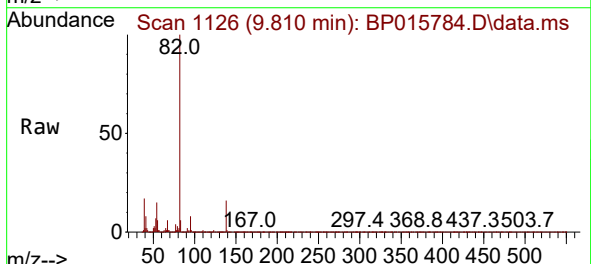
Instrument :
BNA_P
ClientSampleId :

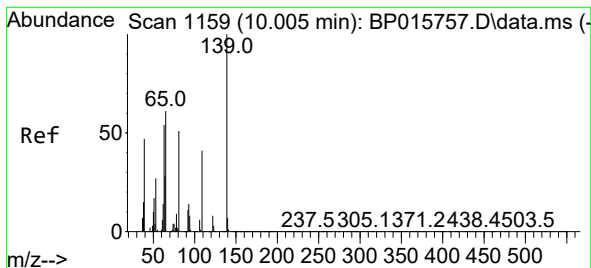
Tgt Ion: 77 Resp: 636037
Ion Ratio Lower Upper
77 100
123 39.7 31.0 46.4
65 14.0 11.3 16.9



#23
Isophorone
Concen: 33.321 ng/ul
RT: 9.810 min Scan# 1126
Delta R.T. -0.006 min
Lab File: BP015784.D
Acq: 28 Jun 2023 17:48

Tgt Ion: 82 Resp: 1225240
Ion Ratio Lower Upper
82 100
95 7.6 6.3 9.5
138 15.5 12.3 18.5

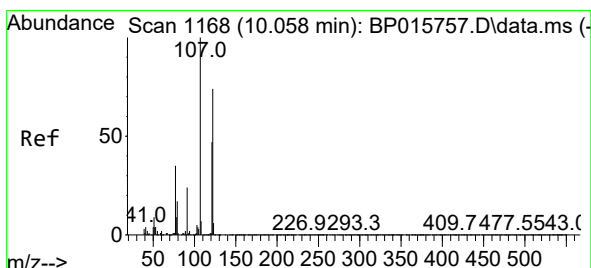
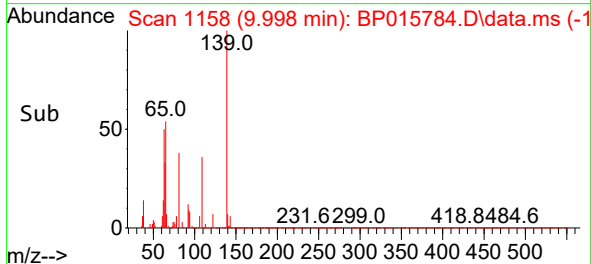
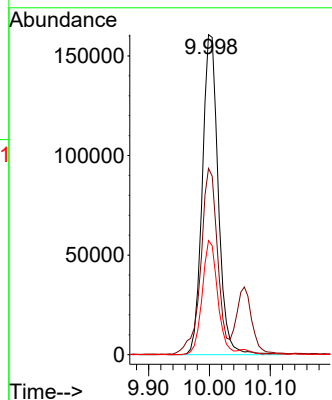
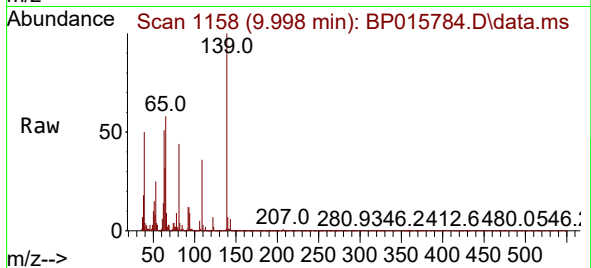




#25
2-Nitrophenol
Concen: 34.520 ng/ul
RT: 9.998 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BP015784.D
Acq: 28 Jun 2023 17:48

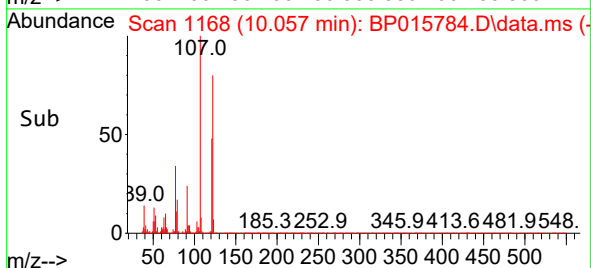
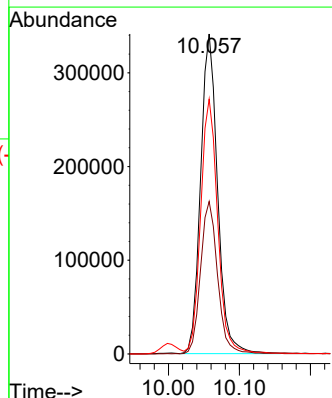
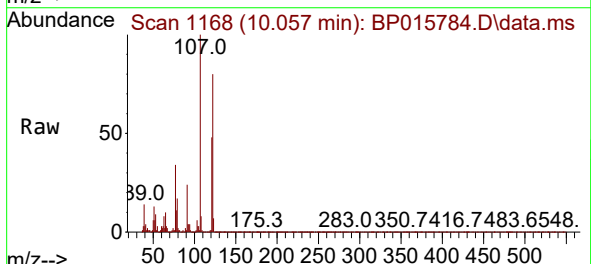
Instrument :
BNA_P
ClientSampleId :

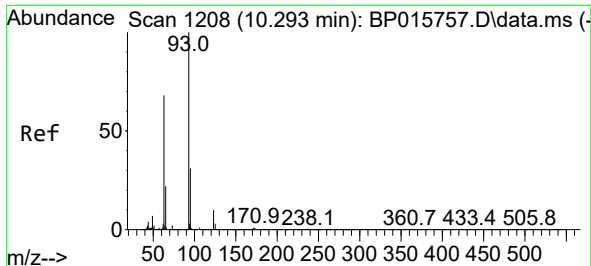
Tgt Ion:139 Resp: 292572
Ion Ratio Lower Upper
139 100
65 58.2 50.2 75.2
109 35.7 31.3 46.9



#26
2,4-Dimethylphenol
Concen: 30.503 ng/ul
RT: 10.057 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BP015784.D
Acq: 28 Jun 2023 17:48

Tgt Ion:107 Resp: 568323
Ion Ratio Lower Upper
107 100
121 47.6 38.2 57.2
122 79.7 62.1 93.1

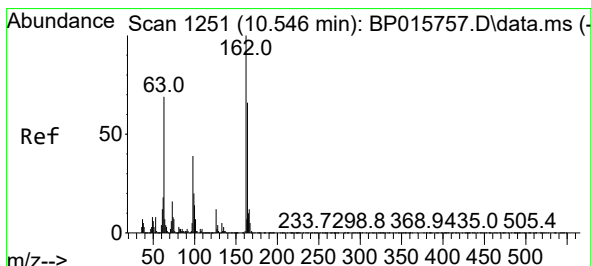
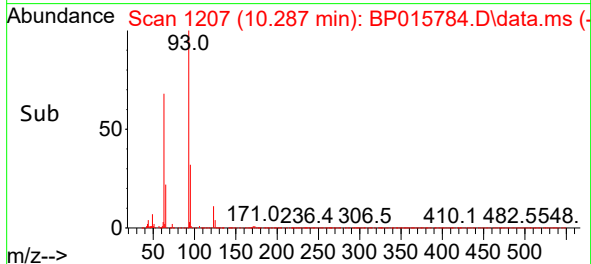
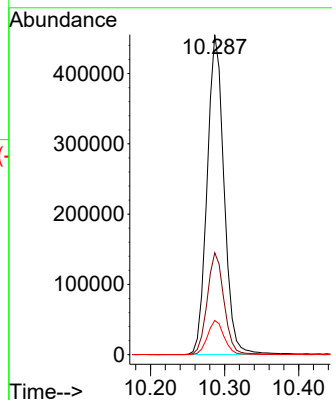
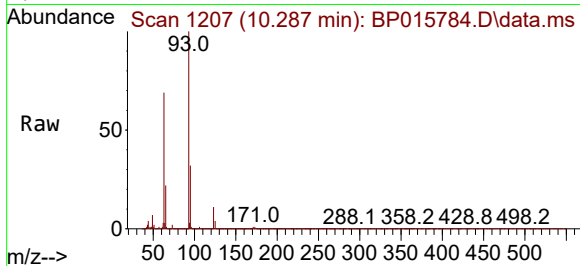




#27
 Bis(2-Chloroethoxy)methane
 Concen: 34.712 ng/ul
 RT: 10.287 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BP015784.D
 Acq: 28 Jun 2023 17:48

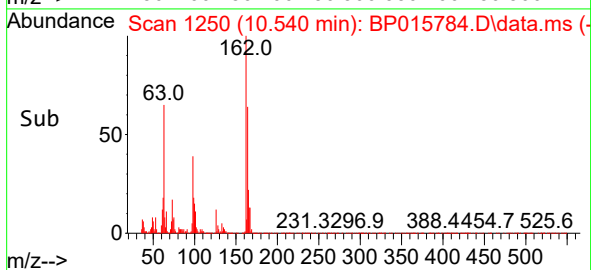
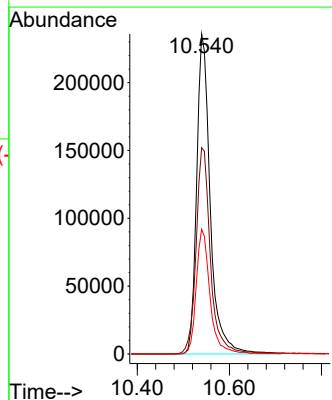
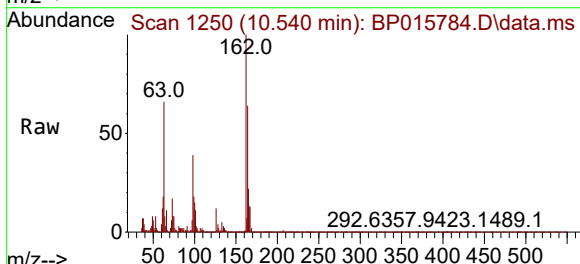
Instrument :
 BNA_P
 ClientSampleId :

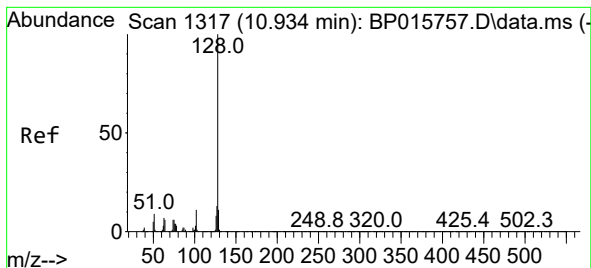
Tgt Ion: 93 Resp: 720538
 Ion Ratio Lower Upper
 93 100
 95 31.8 26.6 39.8
 123 10.7 8.6 13.0



#29
 2,4-Dichlorophenol
 Concen: 34.191 ng/ul
 RT: 10.540 min Scan# 1250
 Delta R.T. -0.012 min
 Lab File: BP015784.D
 Acq: 28 Jun 2023 17:48

Tgt Ion:162 Resp: 483753
 Ion Ratio Lower Upper
 162 100
 164 64.4 53.0 79.6
 98 39.0 31.3 46.9

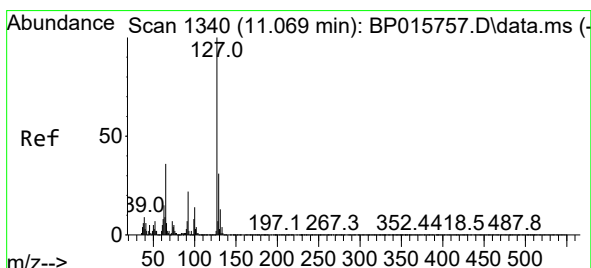
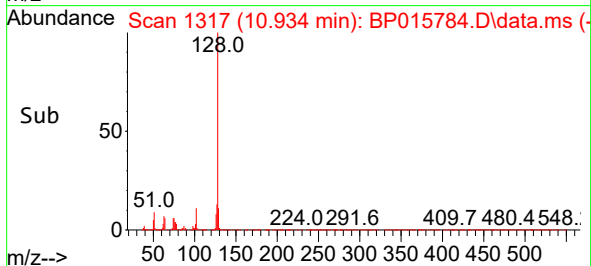
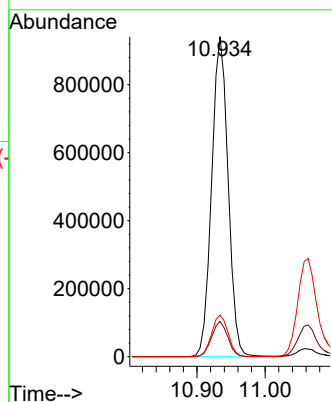
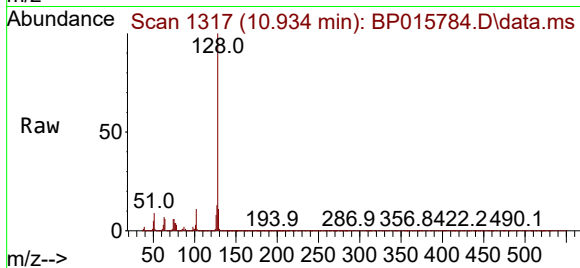




#30
Naphthalene
Concen: 32.410 ng/ul
RT: 10.934 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BP015784.D
Acq: 28 Jun 2023 17:48

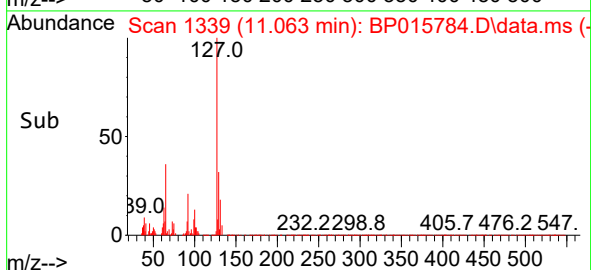
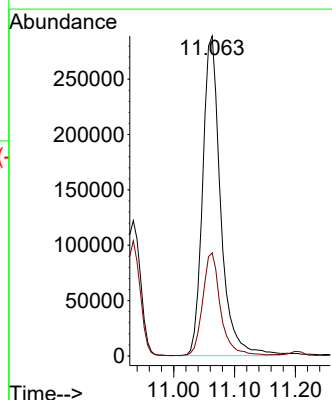
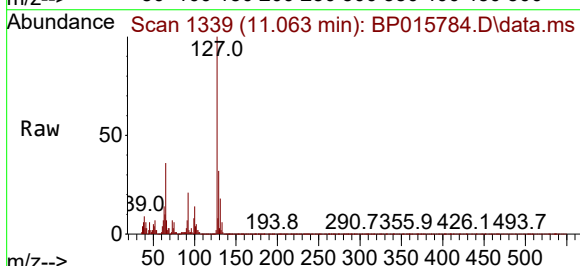
Instrument :
BNA_P
ClientSampleId :

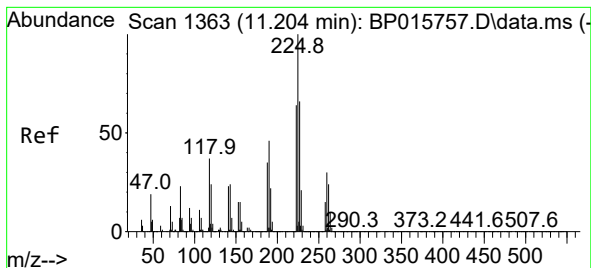
Tgt Ion:128 Resp: 1577498
Ion Ratio Lower Upper
128 100
129 11.1 8.6 12.8
127 13.0 10.3 15.5



#32
4-Chloroaniline
Concen: 31.211 ng/ul
RT: 11.063 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BP015784.D
Acq: 28 Jun 2023 17:48

Tgt Ion:127 Resp: 592801
Ion Ratio Lower Upper
127 100
129 32.2 24.7 37.1





#33

Hexachlorobutadiene

Concen: 29.848 ng/ul

RT: 11.204 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP015784.D

Acq: 28 Jun 2023 17:48

Instrument :

BNA_P

ClientSampleId :

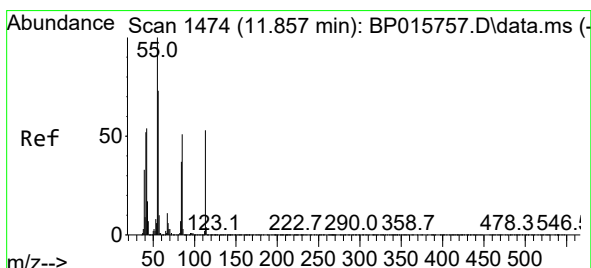
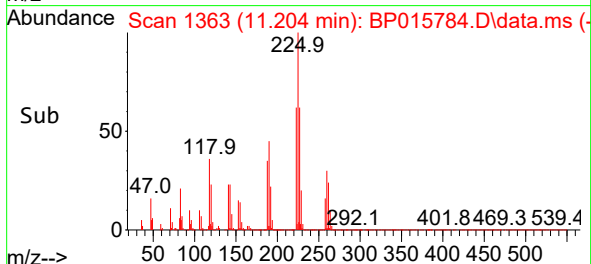
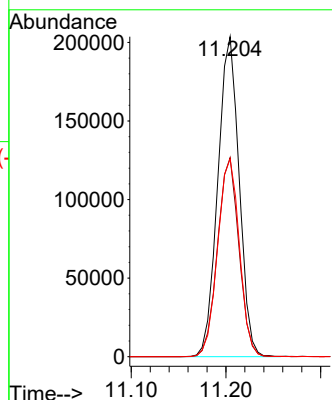
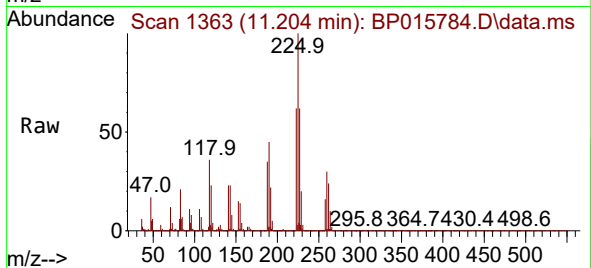
Tgt Ion:225 Resp: 318915

Ion Ratio Lower Upper

225 100

223 62.2 50.4 75.6

227 61.8 51.0 76.4



#34

Caprolactam

Concen: 38.816 ng/ul

RT: 11.863 min Scan# 1475

Delta R.T. 0.006 min

Lab File: BP015784.D

Acq: 28 Jun 2023 17:48

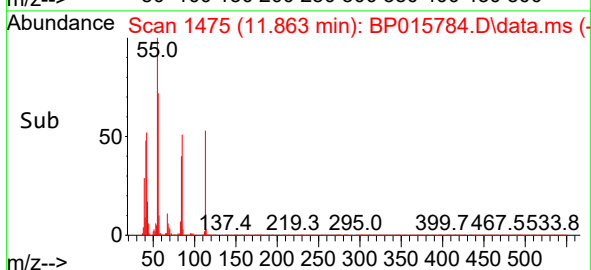
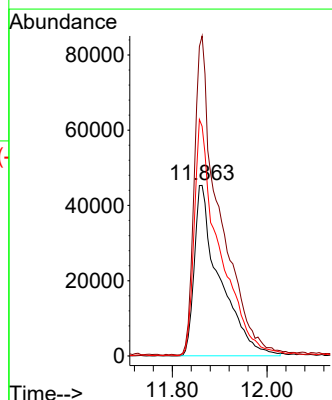
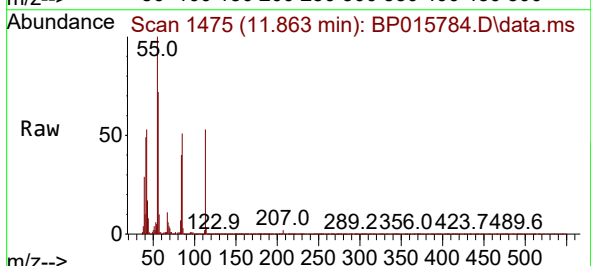
Tgt Ion:113 Resp: 167987

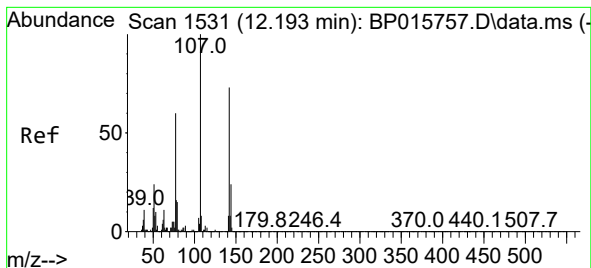
Ion Ratio Lower Upper

113 100

55 187.5 142.8 214.2

56 134.5 116.9 175.3

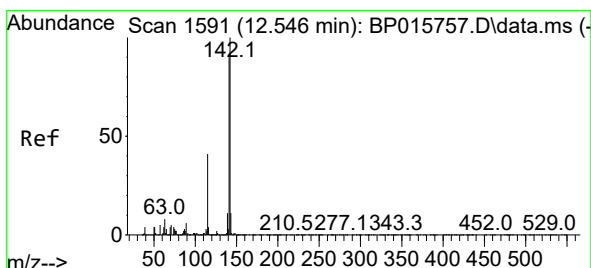
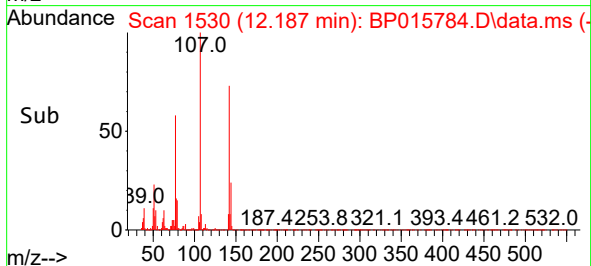
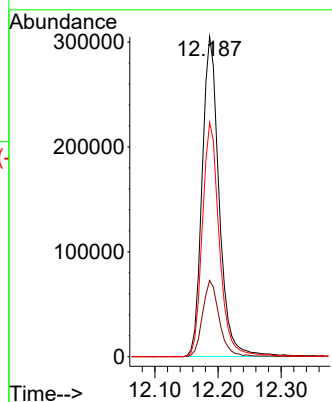
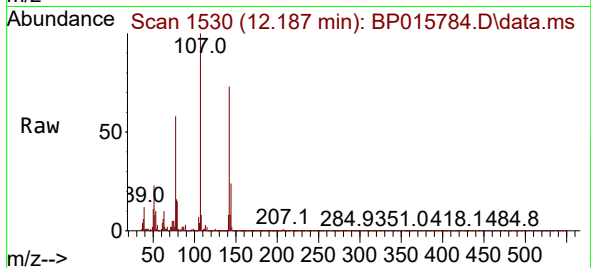




#35
4-Chloro-3-methylphenol
Concen: 34.405 ng/ul
RT: 12.187 min Scan# 1530
Delta R.T. -0.000 min
Lab File: BP015784.D
Acq: 28 Jun 2023 17:48

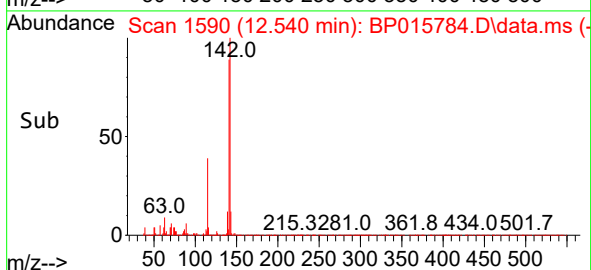
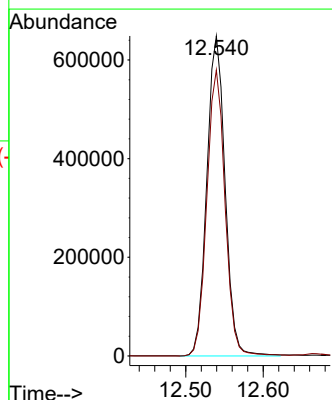
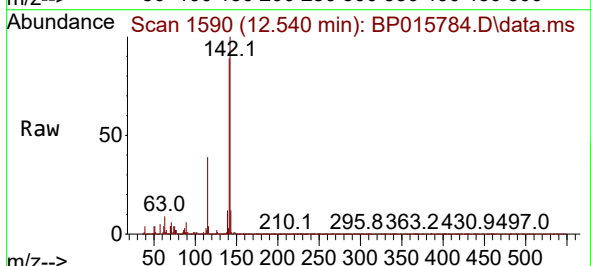
Instrument :
BNA_P
ClientSampleId :

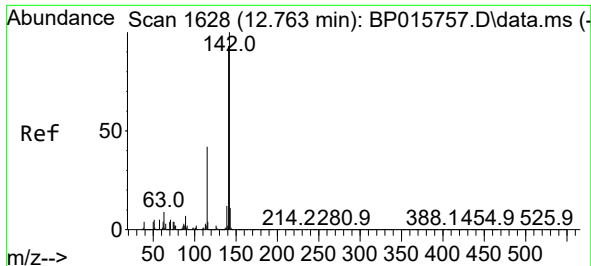
Tgt Ion:107 Resp: 569781
Ion Ratio Lower Upper
107 100
144 23.8 18.4 27.6
142 73.1 58.6 87.8



#36
2-Methylnaphthalene
Concen: 33.119 ng/ul
RT: 12.540 min Scan# 1590
Delta R.T. -0.006 min
Lab File: BP015784.D
Acq: 28 Jun 2023 17:48

Tgt Ion:142 Resp: 1061172
Ion Ratio Lower Upper
142 100
141 89.4 73.2 109.8





#37

1-Methylnaphthalene

Concen: 32.859 ng/ul

RT: 12.757 min Scan# 1627

Delta R.T. -0.006 min

Lab File: BP015784.D

Acq: 28 Jun 2023 17:48

Instrument :

BNA_P

ClientSampleId :

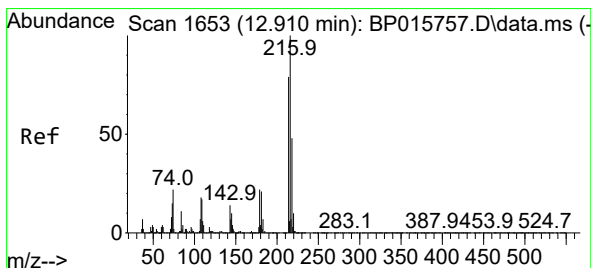
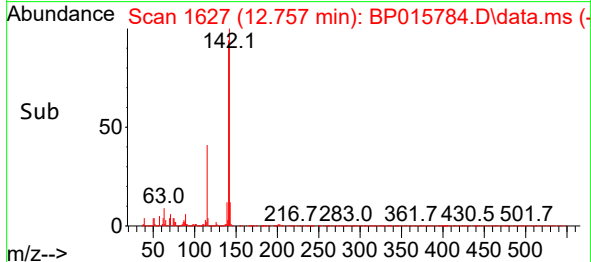
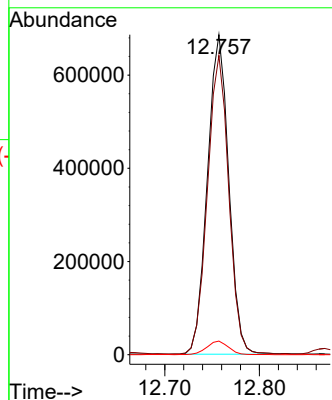
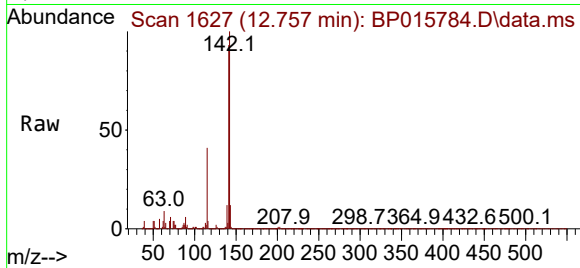
Tgt Ion:142 Resp: 1074017

Ion Ratio Lower Upper

142 100

141 93.5 73.1 109.7

116 4.3 4.0 6.0



#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.104 ng/ul

RT: 12.904 min Scan# 1652

Delta R.T. -0.006 min

Lab File: BP015784.D

Acq: 28 Jun 2023 17:48

Tgt Ion:216 Resp: 587548

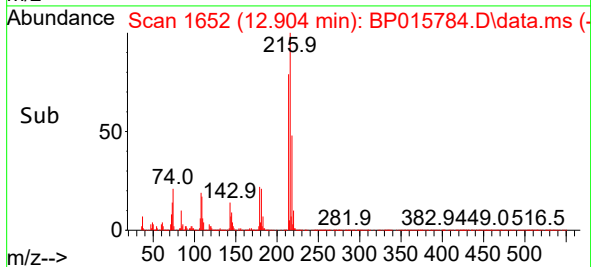
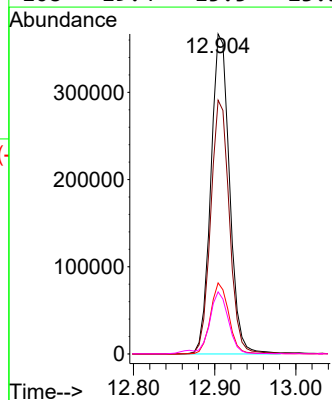
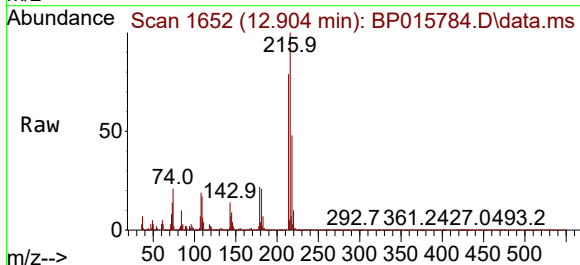
Ion Ratio Lower Upper

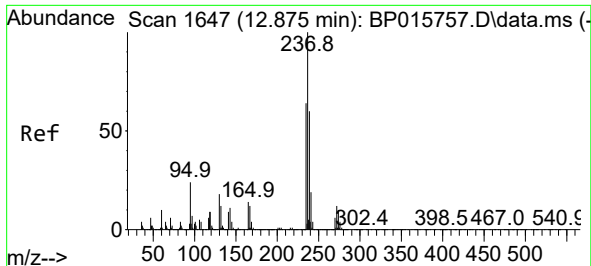
216 100

214 79.3 62.4 93.6

179 22.2 17.6 26.4

108 19.4 15.5 23.3

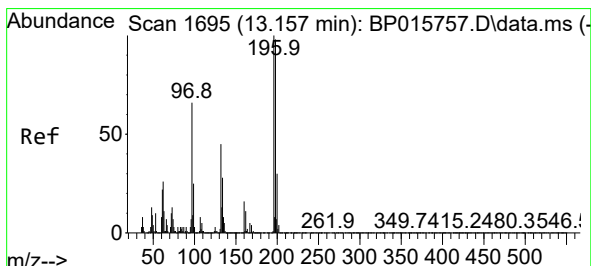
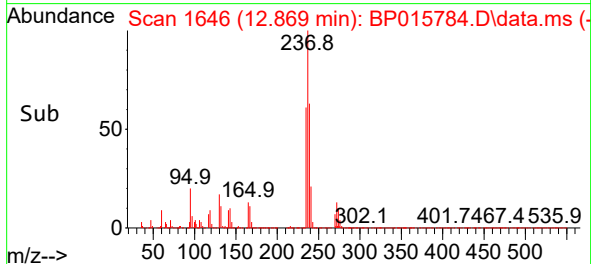
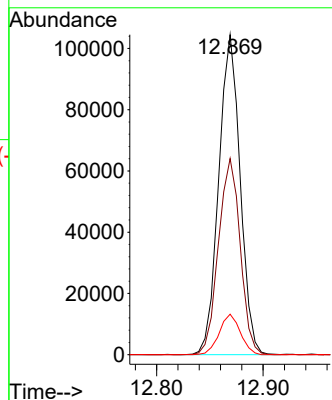
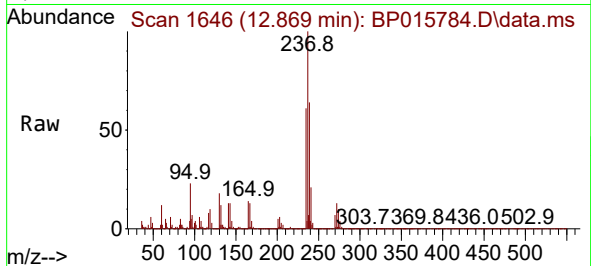




#40
Hexachlorocyclopentadiene
Concen: 26.616 ng/ul
RT: 12.869 min Scan# 1646
Delta R.T. -0.006 min
Lab File: BP015784.D
Acq: 28 Jun 2023 17:48

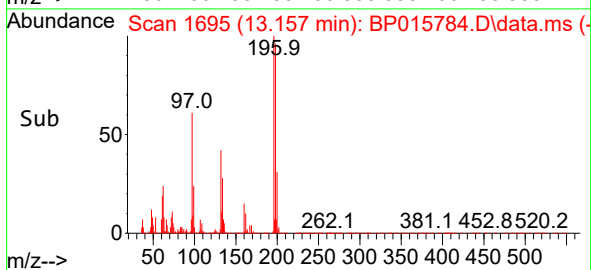
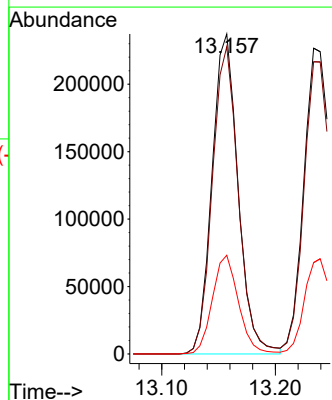
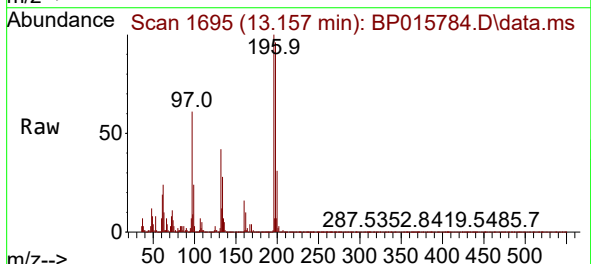
Instrument :
BNA_P
ClientSampleId :

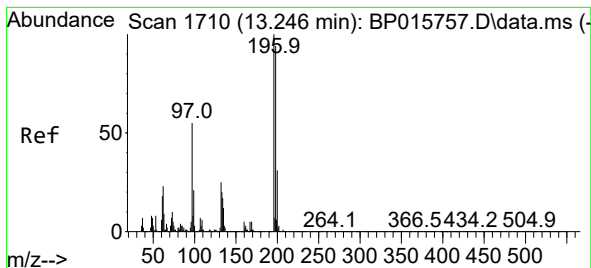
Tgt Ion:237 Resp: 145721
Ion Ratio Lower Upper
237 100
235 61.3 48.6 73.0
272 12.6 10.5 15.7



#41
2,4,6-Trichlorophenol
Concen: 32.745 ng/ul
RT: 13.157 min Scan# 1695
Delta R.T. -0.000 min
Lab File: BP015784.D
Acq: 28 Jun 2023 17:48

Tgt Ion:196 Resp: 378731
Ion Ratio Lower Upper
196 100
198 96.0 75.4 113.2
200 30.8 23.6 35.4





#42

2,4,5-Trichlorophenol

Concen: 33.954 ng/ul

RT: 13.234 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP015784.D

Acq: 28 Jun 2023 17:48

Instrument :

BNA_P

ClientSampleId :

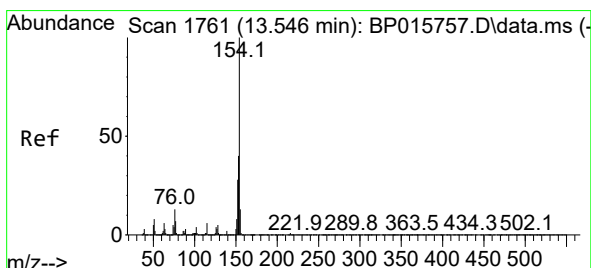
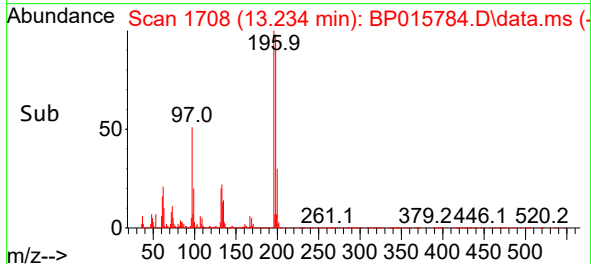
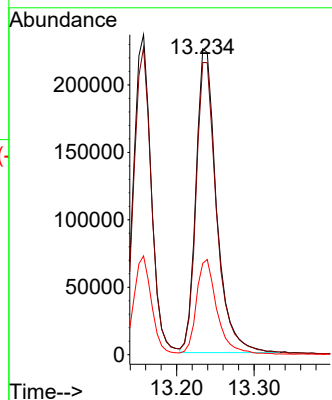
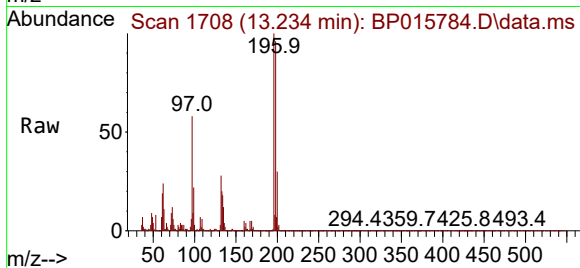
Tgt Ion:196 Resp: 416540

Ion Ratio Lower Upper

196 100

198 95.5 74.9 112.3

200 29.9 24.3 36.5



#43

1,1'-Biphenyl

Concen: 32.714 ng/ul

RT: 13.539 min Scan# 1760

Delta R.T. -0.006 min

Lab File: BP015784.D

Acq: 28 Jun 2023 17:48

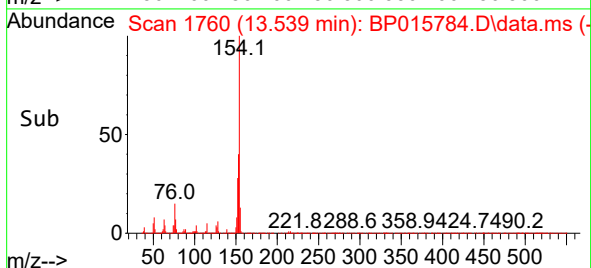
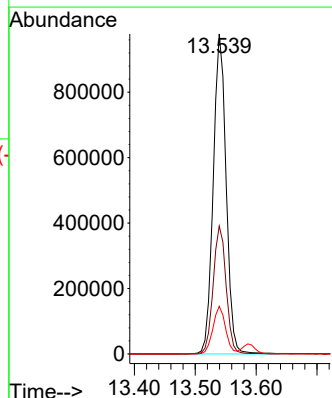
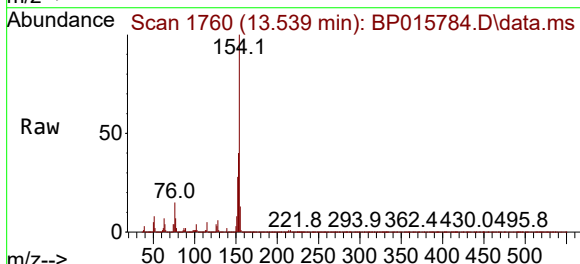
Tgt Ion:154 Resp: 1439051

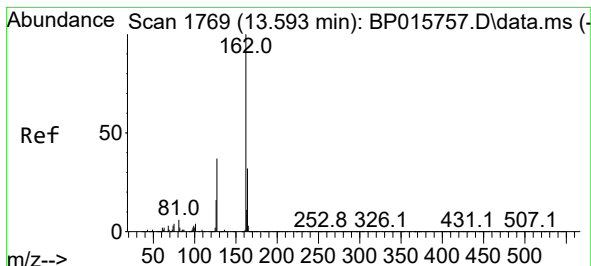
Ion Ratio Lower Upper

154 100

153 40.0 32.8 49.2

76 14.9 10.7 16.1





#44

2-Chloronaphthalene

Concen: 32.738 ng/ul

RT: 13.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP015784.D

Acq: 28 Jun 2023 17:48

Instrument :

BNA_P

ClientSampleId :

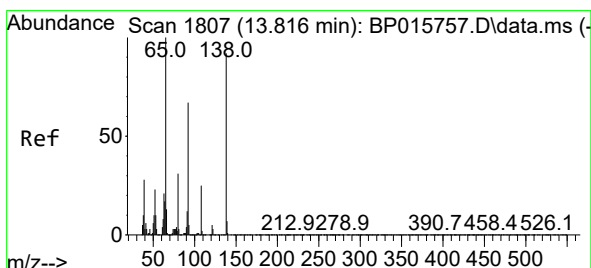
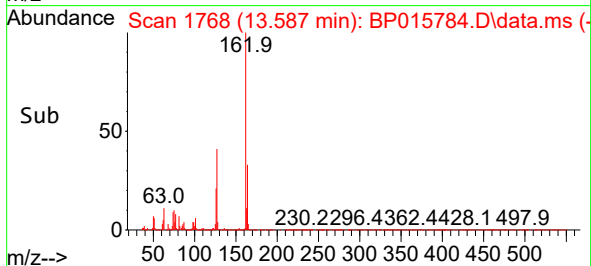
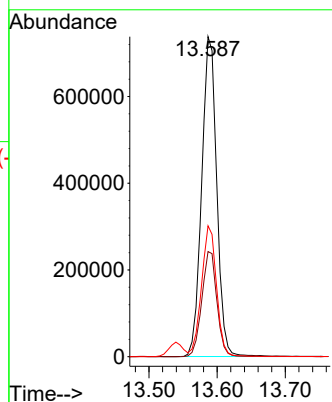
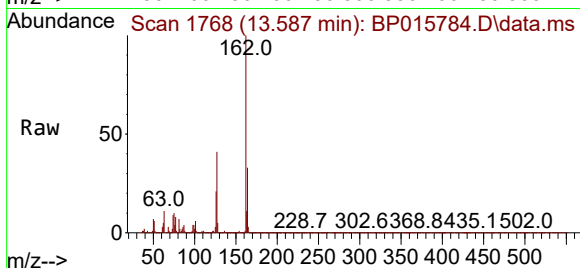
Tgt Ion:162 Resp: 1134459

Ion Ratio Lower Upper

162 100

164 32.9 26.1 39.1

127 40.9 33.4 50.0



#45

2-Nitroaniline

Concen: 37.025 ng/ul

RT: 13.810 min Scan# 1806

Delta R.T. -0.000 min

Lab File: BP015784.D

Acq: 28 Jun 2023 17:48

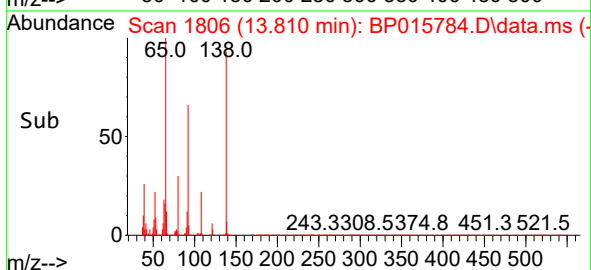
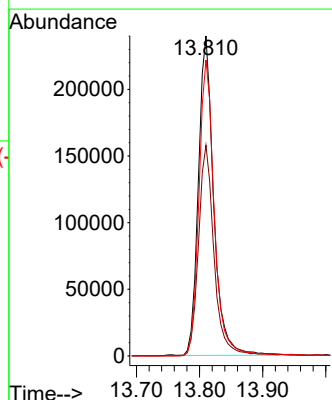
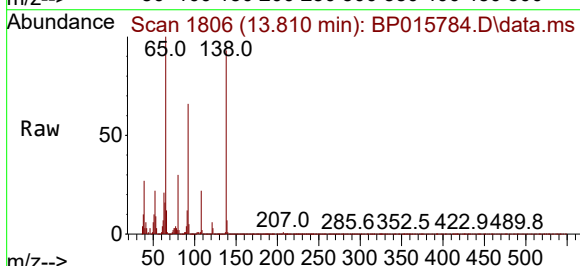
Tgt Ion: 65 Resp: 403707

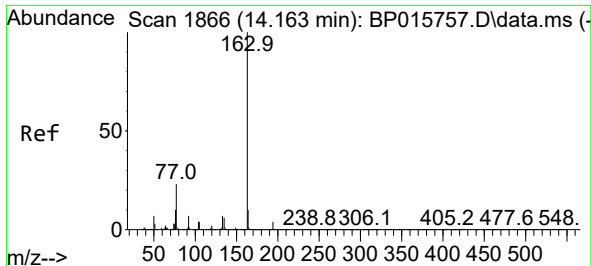
Ion Ratio Lower Upper

65 100

92 65.8 49.5 74.3

138 92.5 71.4 107.2

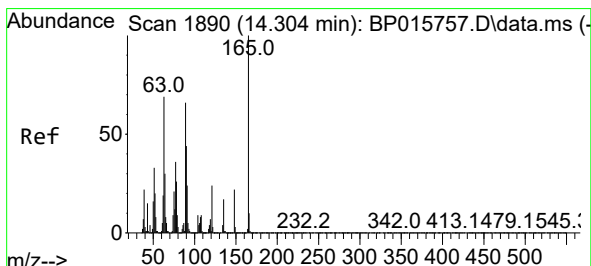
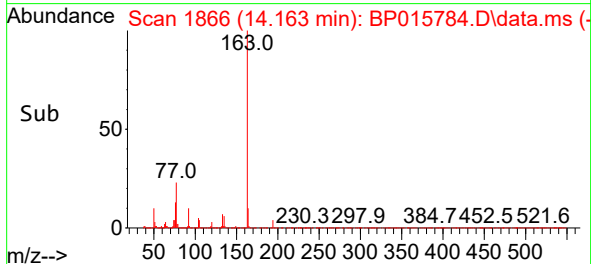
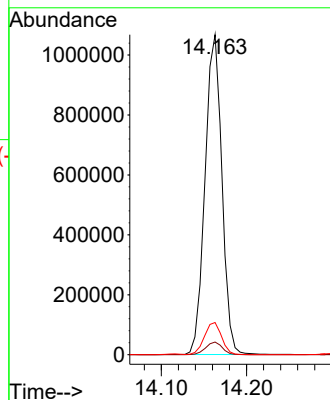
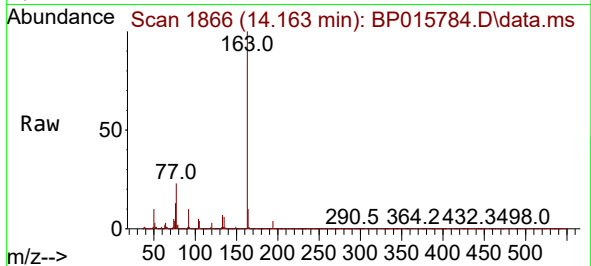




#47
Dimethylphthalate
Concen: 33.033 ng/ul
RT: 14.163 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BP015784.D
Acq: 28 Jun 2023 17:48

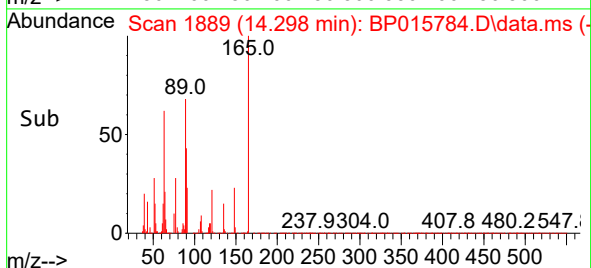
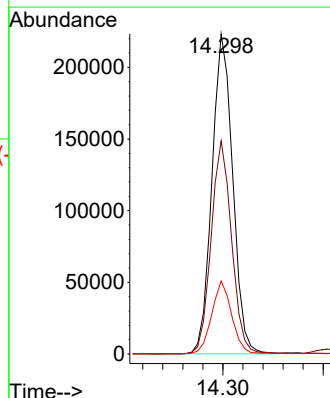
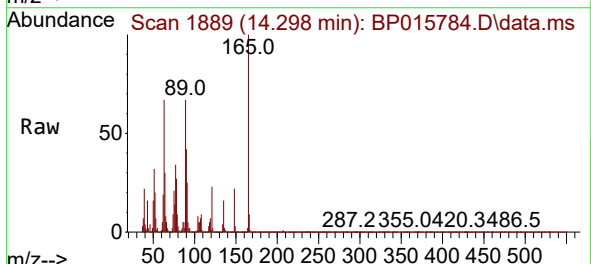
Instrument :
BNA_P
ClientSampleId :

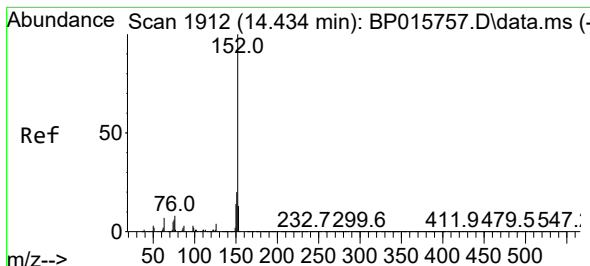
Tgt Ion:163 Resp: 1467476
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.1 7.7 11.5



#48
2,6-Dinitrotoluene
Concen: 35.507 ng/ul
RT: 14.298 min Scan# 1889
Delta R.T. -0.006 min
Lab File: BP015784.D
Acq: 28 Jun 2023 17:48

Tgt Ion:165 Resp: 319962
Ion Ratio Lower Upper
165 100
89 66.6 54.1 81.1
121 22.8 18.2 27.2





#50

Acenaphthylene

Concen: 33.079 ng/ul

RT: 14.434 min Scan# 1912

Delta R.T. -0.006 min

Lab File: BP015784.D

Acq: 28 Jun 2023 17:48

Instrument :

BNA_P

ClientSampleId :

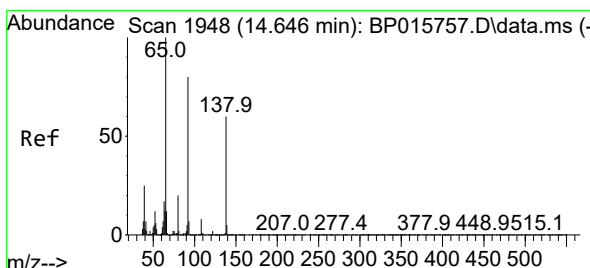
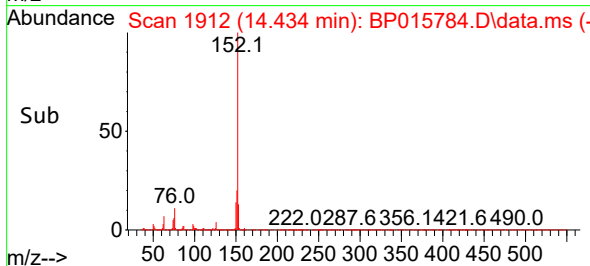
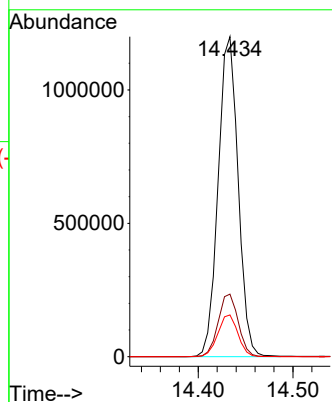
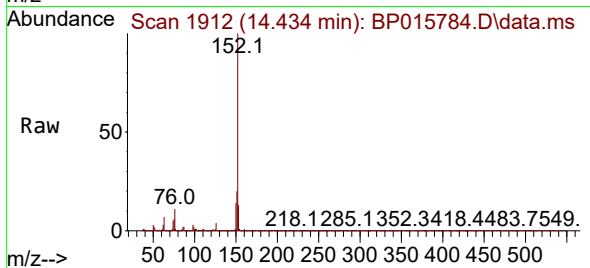
Tgt Ion:152 Resp: 1758777

Ion Ratio Lower Upper

152 100

151 19.6 16.2 24.2

153 13.1 10.5 15.7



#51

3-Nitroaniline

Concen: 44.206 ng/ul

RT: 14.639 min Scan# 1947

Delta R.T. -0.006 min

Lab File: BP015784.D

Acq: 28 Jun 2023 17:48

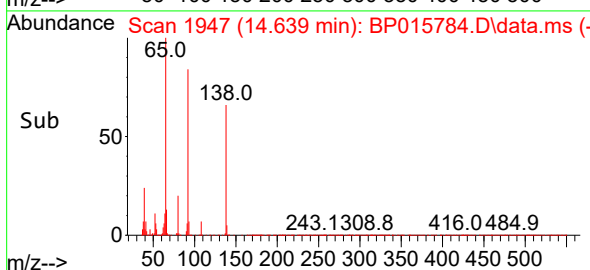
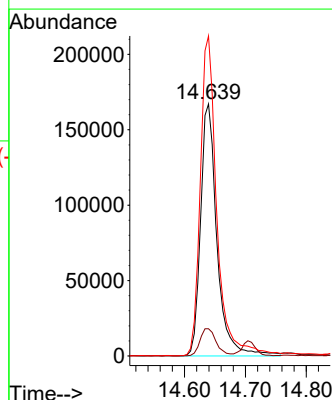
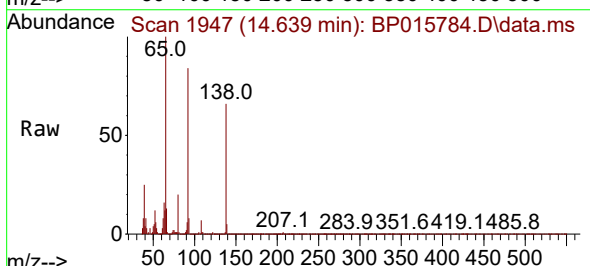
Tgt Ion:138 Resp: 312381

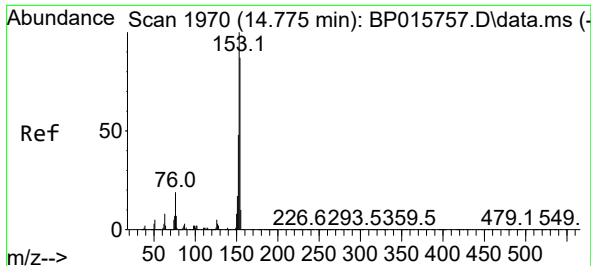
Ion Ratio Lower Upper

138 100

108 10.8 9.1 13.7

92 127.0 96.8 145.2

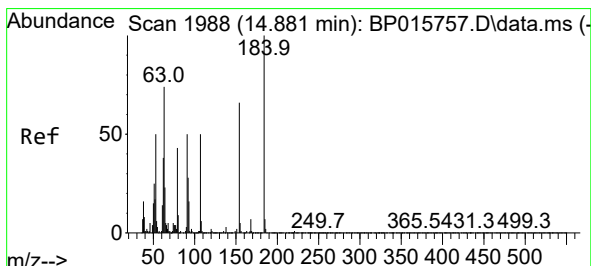
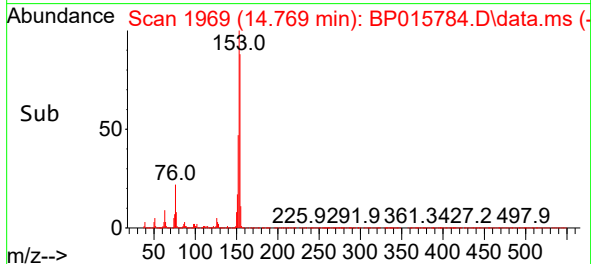
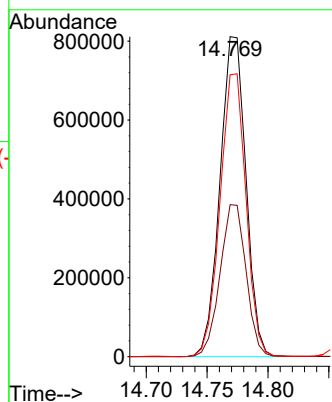
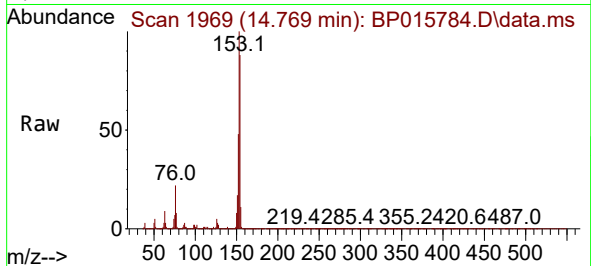




#52
Acenaphthene
Concen: 32.733 ng/ul
RT: 14.769 min Scan# 1969
Delta R.T. -0.006 min
Lab File: BP015784.D
Acq: 28 Jun 2023 17:48

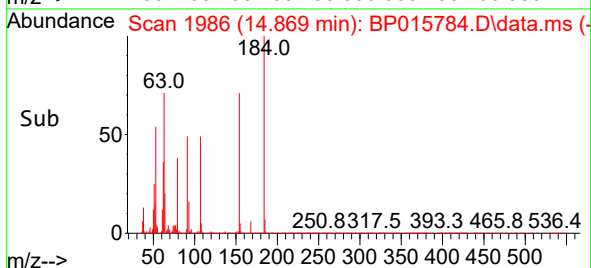
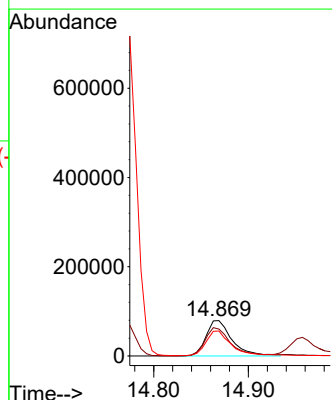
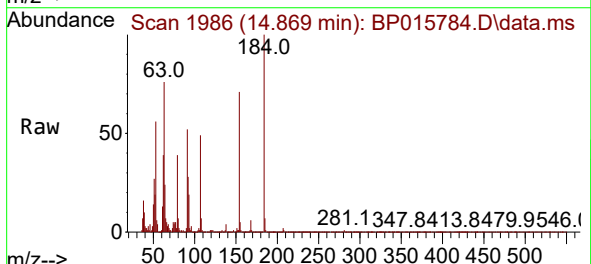
Instrument :
BNA_P
ClientSampleId :

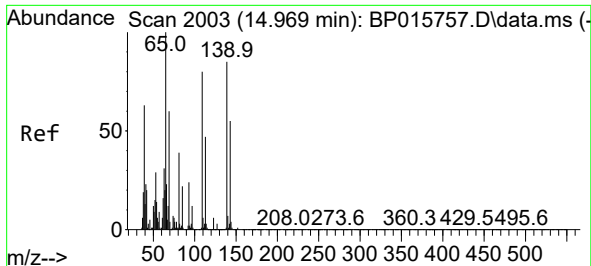
Tgt Ion:153 Resp: 1206835
Ion Ratio Lower Upper
153 100
152 47.5 39.4 59.2
154 88.1 71.4 107.2



#53
2,4-Dinitrophenol
Concen: 31.671 ng/ul
RT: 14.869 min Scan# 1986
Delta R.T. -0.000 min
Lab File: BP015784.D
Acq: 28 Jun 2023 17:48

Tgt Ion:184 Resp: 151414
Ion Ratio Lower Upper
184 100
63 76.3 71.4 107.0
154 70.9 61.1 91.7

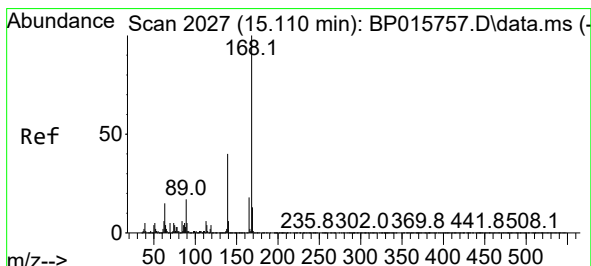
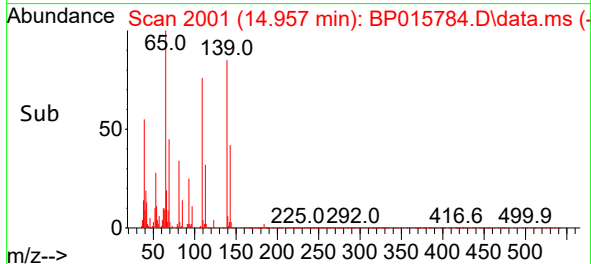
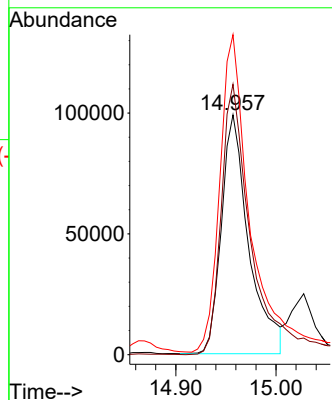
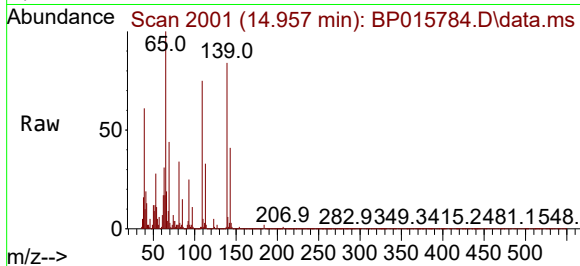




#55
4-Nitrophenol
Concen: 31.920 ng/ul
RT: 14.957 min Scan# 2001
Delta R.T. -0.000 min
Lab File: BP015784.D
Acq: 28 Jun 2023 17:48

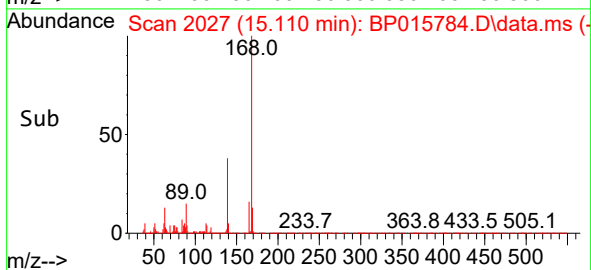
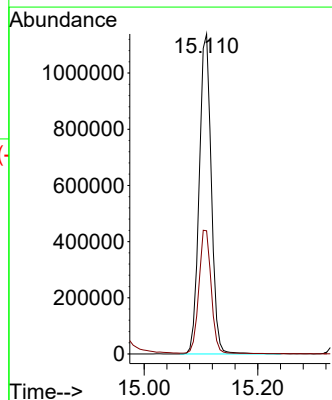
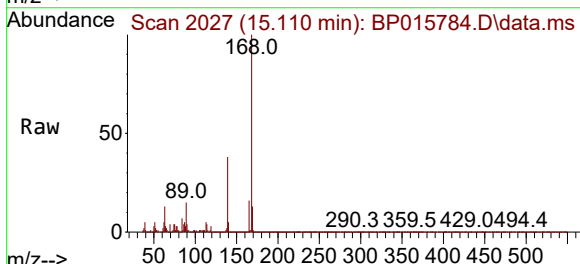
Instrument :
BNA_P
ClientSampleId :

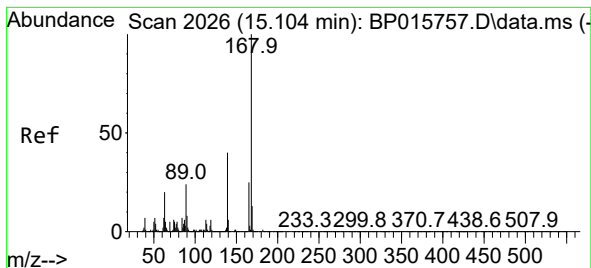
Tgt Ion:109 Resp: 187377
Ion Ratio Lower Upper
109 100
139 112.7 81.3 121.9
65 133.4 99.9 149.9



#56
Dibenzofuran
Concen: 32.879 ng/ul
RT: 15.110 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BP015784.D
Acq: 28 Jun 2023 17:48

Tgt Ion:168 Resp: 1682831
Ion Ratio Lower Upper
168 100
139 38.5 32.2 48.4





#57

2,4-Dinitrotoluene

Concen: 36.057 ng/ul

RT: 15.098 min Scan# 20

Delta R.T. -0.006 min

Lab File: BP015784.D

Acq: 28 Jun 2023 17:48

Instrument :

BNA_P

ClientSampleId :

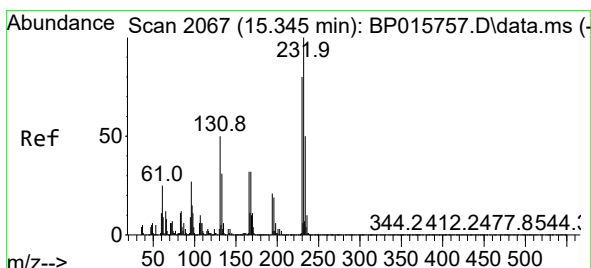
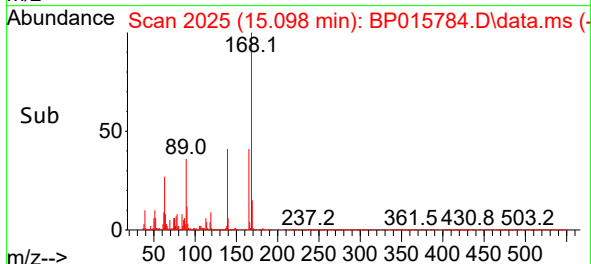
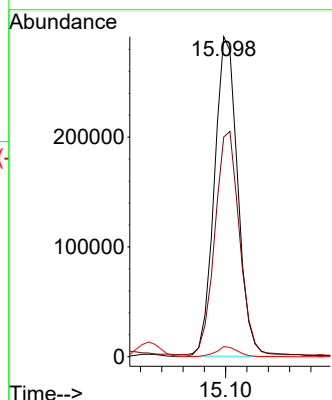
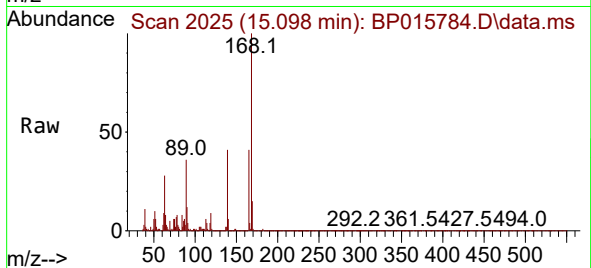
Tgt Ion:165 Resp: 442777

Ion Ratio Lower Upper

165 100

63 68.6 56.8 85.2

182 3.2 2.0 3.0#



#58

2,3,4,6-Tetrachlorophenol

Concen: 31.757 ng/ul

RT: 15.345 min Scan# 2067

Delta R.T. -0.000 min

Lab File: BP015784.D

Acq: 28 Jun 2023 17:48

Tgt Ion:232 Resp: 334638

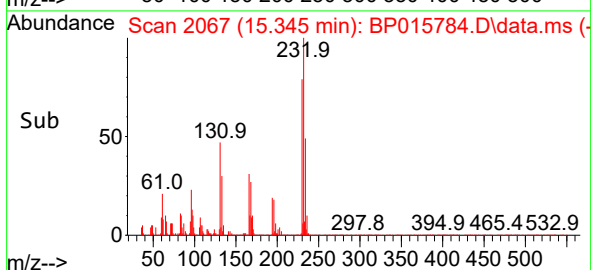
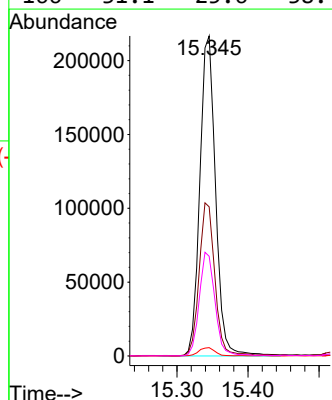
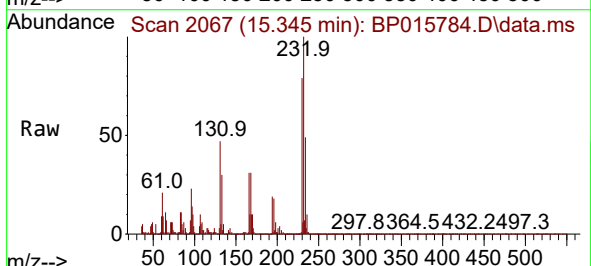
Ion Ratio Lower Upper

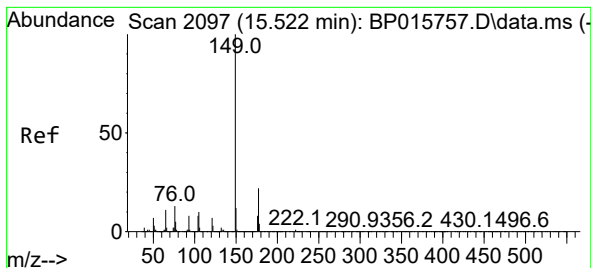
232 100

131 46.6 38.2 57.2

130 2.6 2.2 3.2

166 31.1 25.6 38.4





#59

Diethylphthalate

Concen: 34.155 ng/ul

RT: 15.516 min Scan# 2096

Delta R.T. -0.006 min

Lab File: BP015784.D

Acq: 28 Jun 2023 17:48

Instrument :

BNA_P

ClientSampleId :

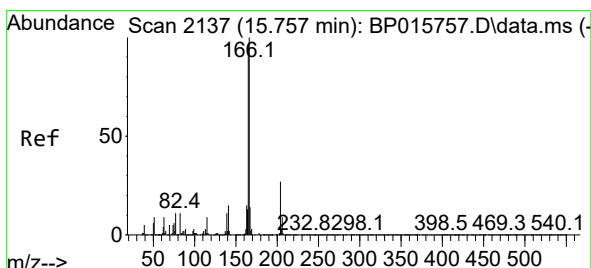
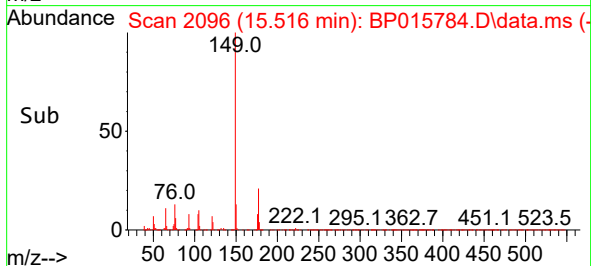
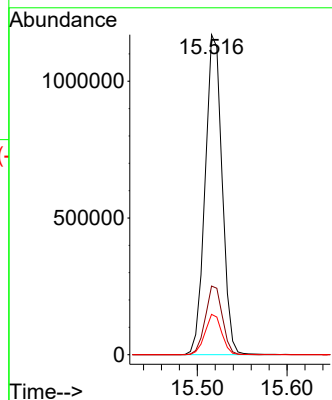
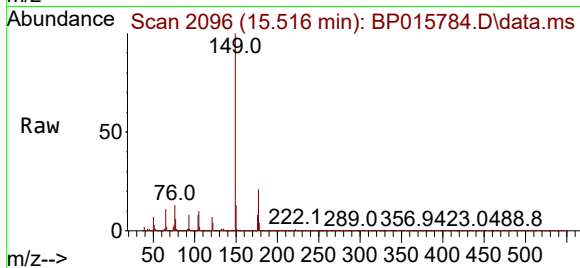
Tgt Ion:149 Resp: 1535450

Ion Ratio Lower Upper

149 100

177 21.5 16.8 25.2

150 12.6 10.3 15.5



#61

Fluorene

Concen: 33.131 ng/ul

RT: 15.757 min Scan# 2137

Delta R.T. -0.006 min

Lab File: BP015784.D

Acq: 28 Jun 2023 17:48

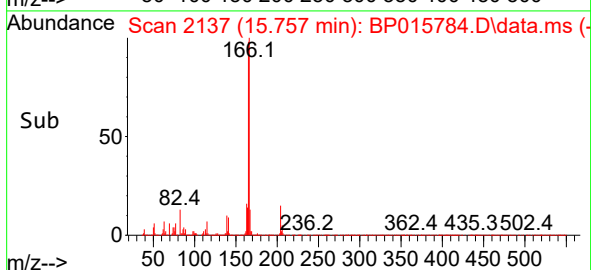
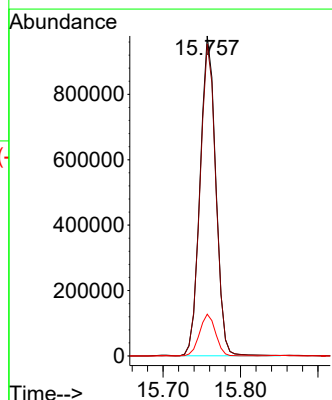
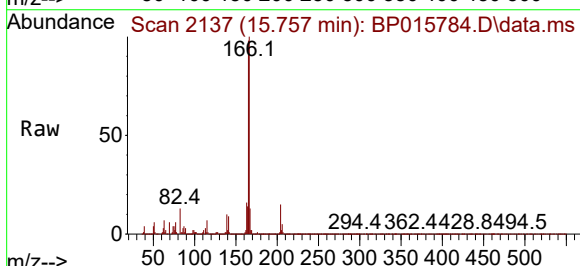
Tgt Ion:166 Resp: 1375423

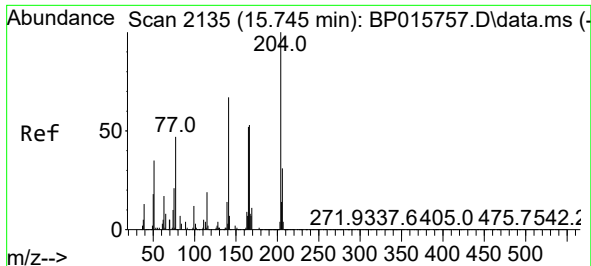
Ion Ratio Lower Upper

166 100

165 97.5 78.7 118.1

167 13.0 10.5 15.7

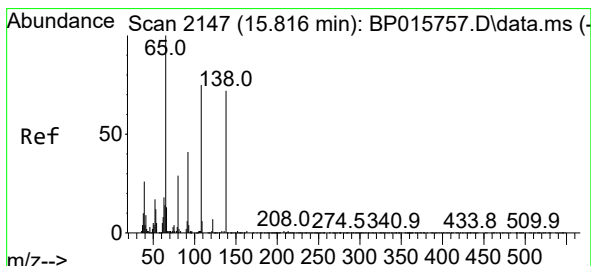
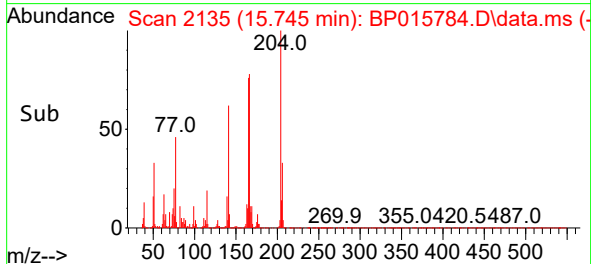
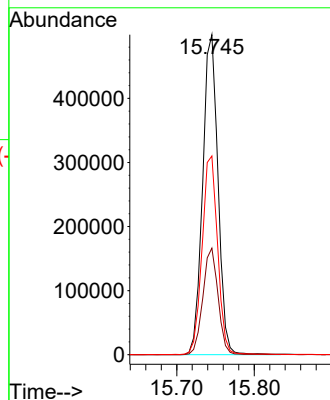
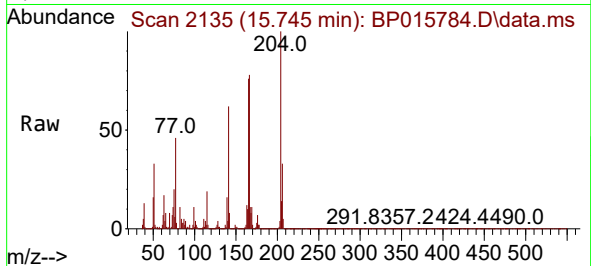




#62
4-Chlorophenyl-phenylether
Concen: 32.300 ng/ul
RT: 15.745 min Scan# 2135
Delta R.T. -0.006 min
Lab File: BP015784.D
Acq: 28 Jun 2023 17:48

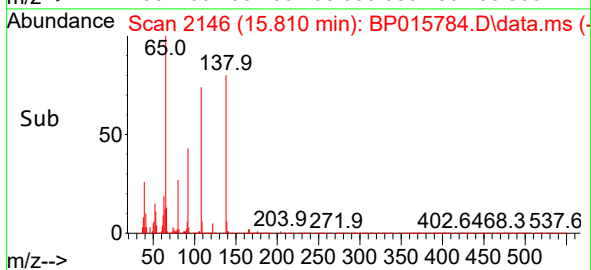
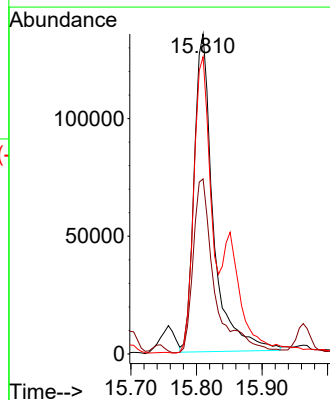
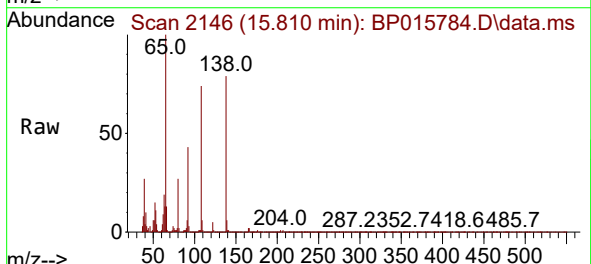
Instrument :
BNA_P
ClientSampleId :

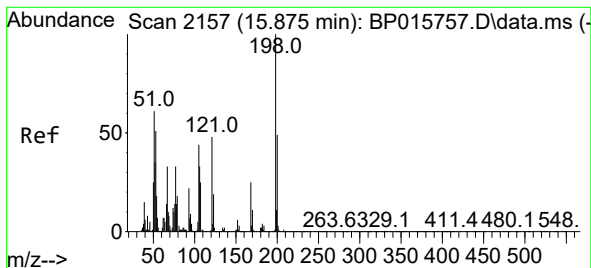
Tgt Ion:204 Resp: 686135
Ion Ratio Lower Upper
204 100
206 33.3 26.0 39.0
141 62.1 51.8 77.8



#63
4-Nitroaniline
Concen: 56.987 ng/ul
RT: 15.810 min Scan# 2146
Delta R.T. -0.006 min
Lab File: BP015784.D
Acq: 28 Jun 2023 17:48

Tgt Ion:138 Resp: 275613
Ion Ratio Lower Upper
138 100
92 54.7 50.1 75.1
108 92.9 85.5 128.3

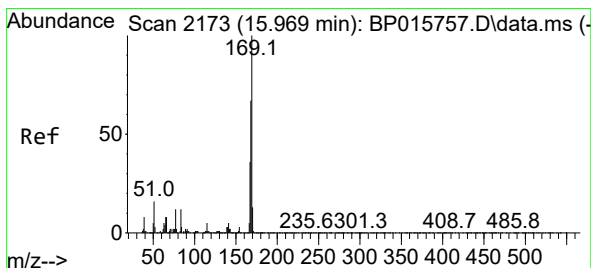
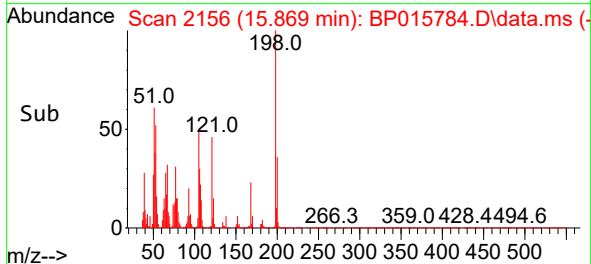
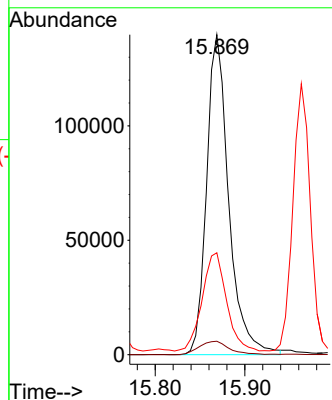
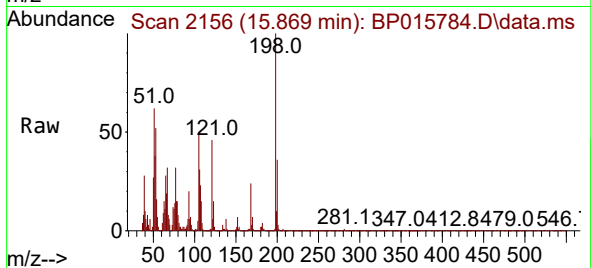




#66
4,6-Dinitro-2-methylphenol
Concen: 32.791 ng/ul
RT: 15.869 min Scan# 2156
Delta R.T. -0.006 min
Lab File: BP015784.D
Acq: 28 Jun 2023 17:48

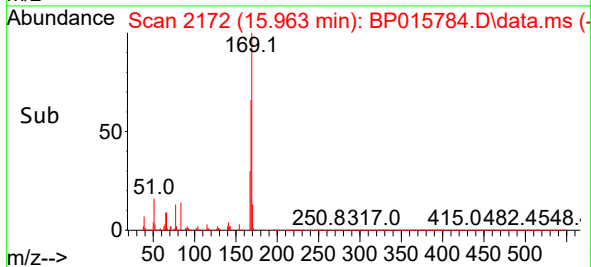
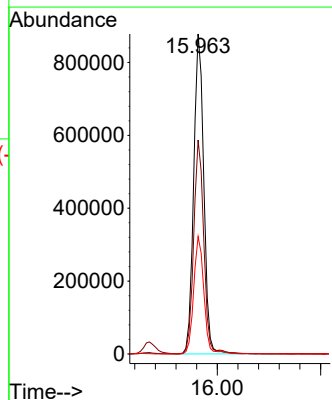
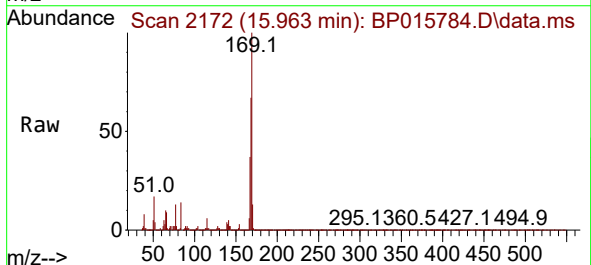
Instrument :
BNA_P
ClientSampleId :

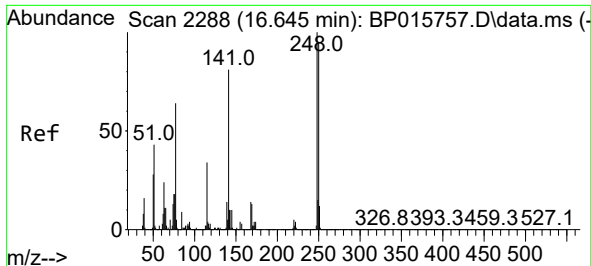
Tgt Ion:198 Resp: 239543
Ion Ratio Lower Upper
198 100
182 4.2 3.4 5.2
77 31.9 24.4 36.6



#67
N-Nitrosodiphenylamine
Concen: 33.858 ng/ul
RT: 15.963 min Scan# 2172
Delta R.T. -0.006 min
Lab File: BP015784.D
Acq: 28 Jun 2023 17:48

Tgt Ion:169 Resp: 1189985
Ion Ratio Lower Upper
169 100
168 66.9 54.2 81.4
167 36.7 29.7 44.5

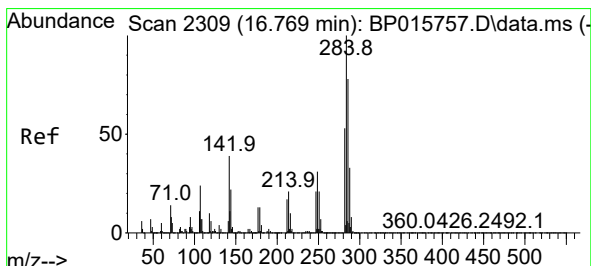
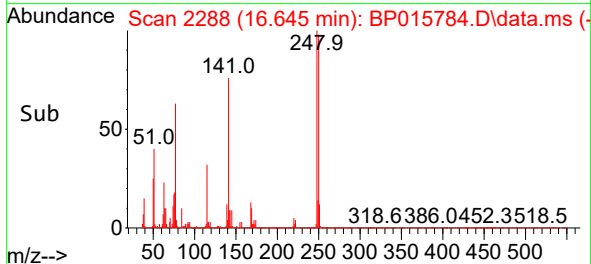
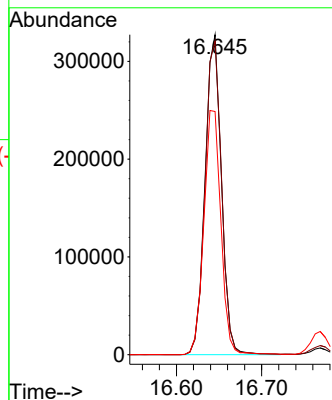
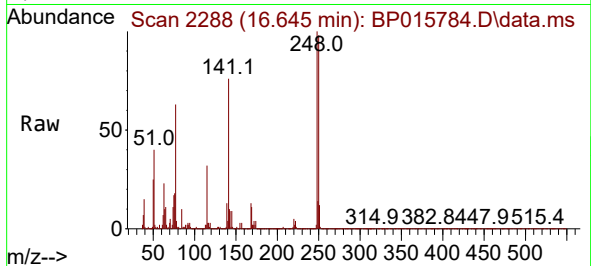




#68
4-Bromophenyl-phenylether
Concen: 32.652 ng/ul
RT: 16.645 min Scan# 2288
Delta R.T. -0.006 min
Lab File: BP015784.D
Acq: 28 Jun 2023 17:48

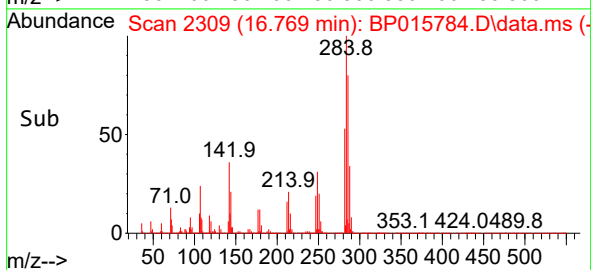
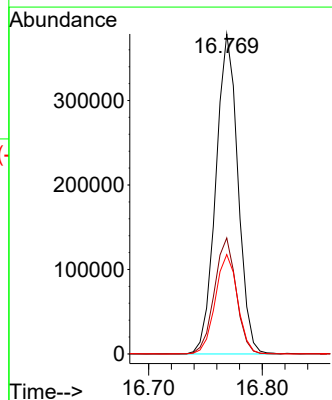
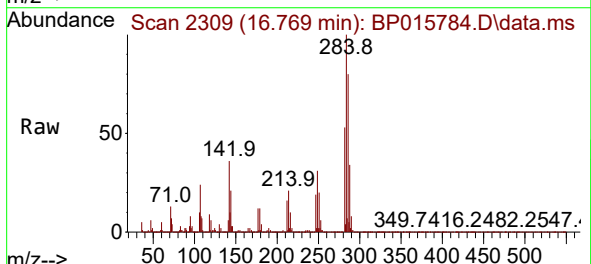
Instrument :
BNA_P
ClientSampleId :

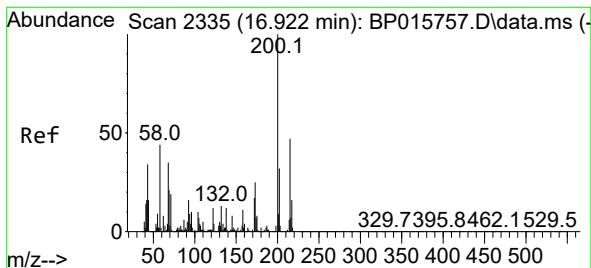
Tgt Ion:248 Resp: 437751
Ion Ratio Lower Upper
248 100
250 97.9 84.6 126.8
141 76.0 67.8 101.6



#69
Hexachlorobenzene
Concen: 32.388 ng/ul
RT: 16.769 min Scan# 2309
Delta R.T. -0.006 min
Lab File: BP015784.D
Acq: 28 Jun 2023 17:48

Tgt Ion:284 Resp: 512343
Ion Ratio Lower Upper
284 100
142 36.2 27.8 41.8
249 31.1 26.1 39.1





#70

Atrazine

Concen: 19.710 ng/ul

RT: 16.922 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015784.D

Acq: 28 Jun 2023 17:48

Instrument :

BNA_P

ClientSampleId :

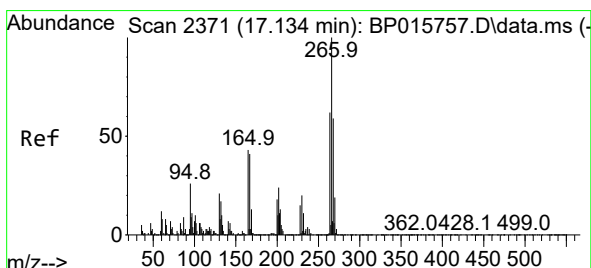
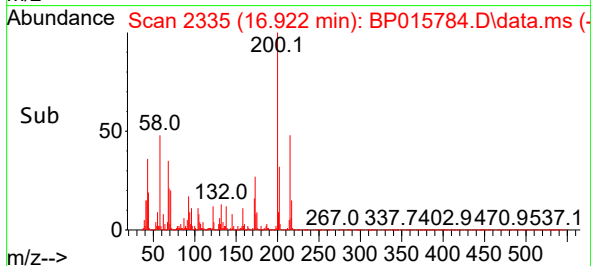
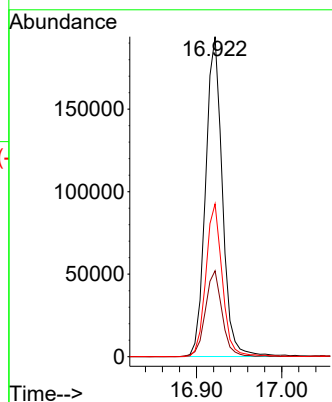
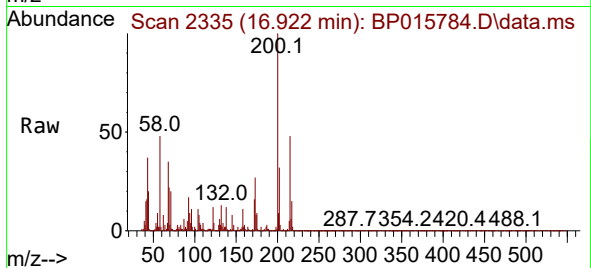
Tgt Ion:200 Resp: 265178

Ion Ratio Lower Upper

200 100

173 26.9 19.8 29.8

215 47.7 36.8 55.2



#71

Pentachlorophenol

Concen: 30.902 ng/ul

RT: 17.128 min Scan# 2370

Delta R.T. -0.006 min

Lab File: BP015784.D

Acq: 28 Jun 2023 17:48

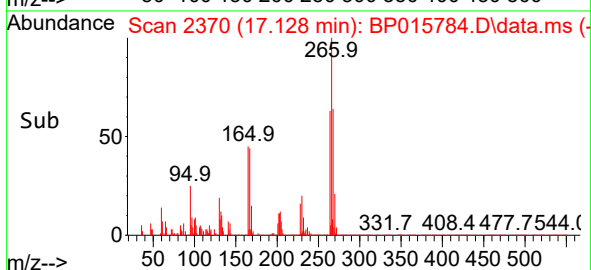
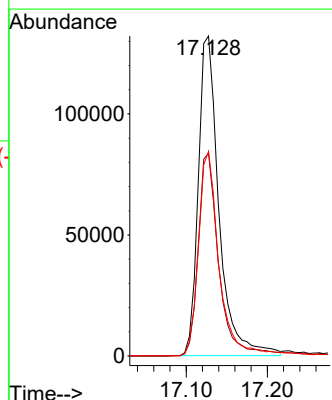
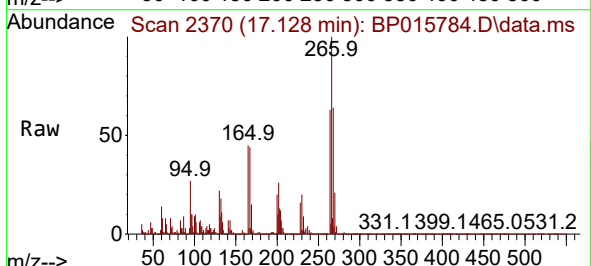
Tgt Ion:266 Resp: 234619

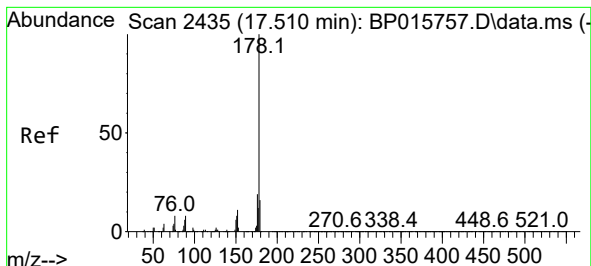
Ion Ratio Lower Upper

266 100

264 63.3 53.4 80.2

268 64.0 51.4 77.2





#72

Phenanthrene

Concen: 33.701 ng/ul

RT: 17.510 min Scan# 2435

Delta R.T. -0.006 min

Lab File: BP015784.D

Acq: 28 Jun 2023 17:48

Instrument :

BNA_P

ClientSampleId :

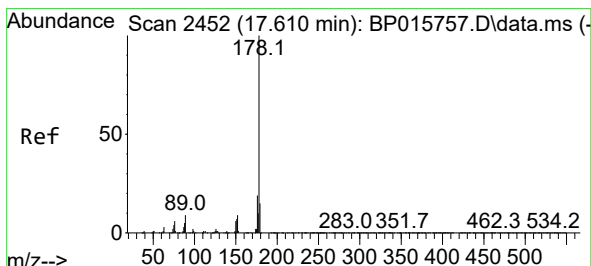
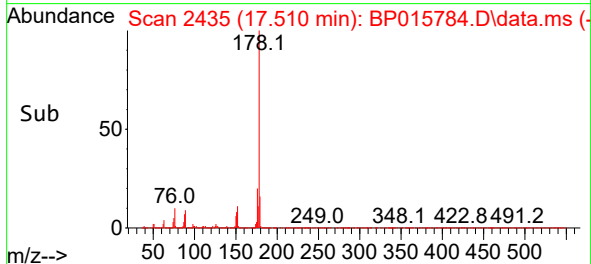
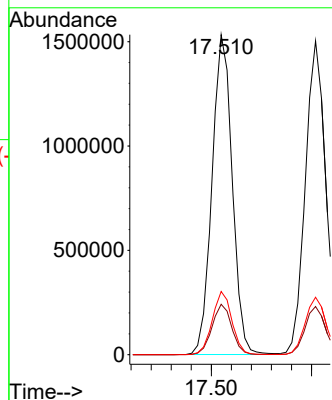
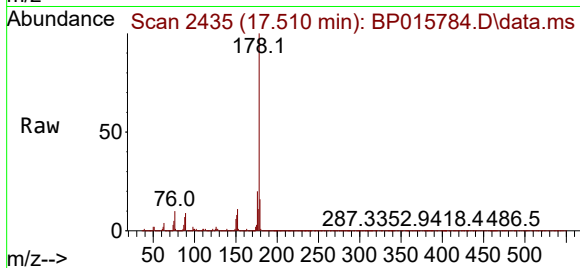
Tgt Ion:178 Resp: 2149430

Ion Ratio Lower Upper

178 100

179 15.7 12.4 18.6

176 19.8 15.6 23.4



#74

Anthracene

Concen: 33.607 ng/ul

RT: 17.604 min Scan# 2451

Delta R.T. -0.006 min

Lab File: BP015784.D

Acq: 28 Jun 2023 17:48

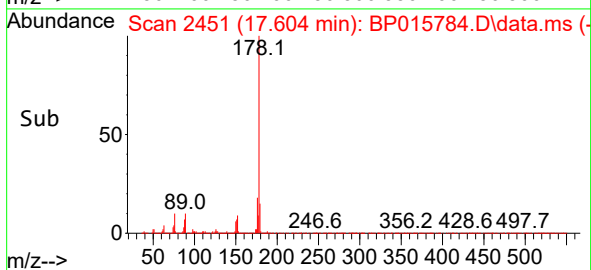
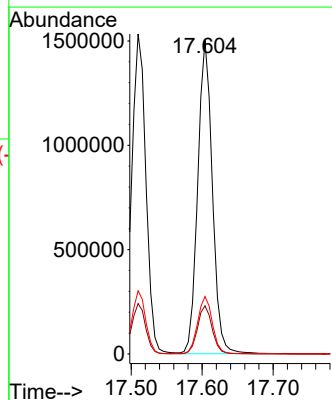
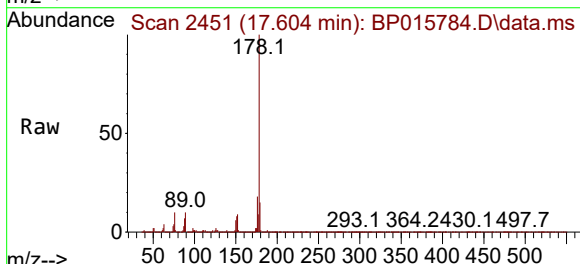
Tgt Ion:178 Resp: 2153783

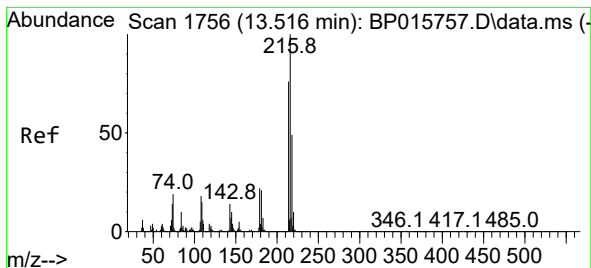
Ion Ratio Lower Upper

178 100

179 15.4 12.1 18.1

176 18.3 14.6 22.0





#75

1,2,3,4-Tetrachlorobenzene

Concen: 30.884 ng/uL

RT: 13.510 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP015784.D

Acq: 28 Jun 2023 17:48

Instrument :

BNA_P

ClientSampleId :

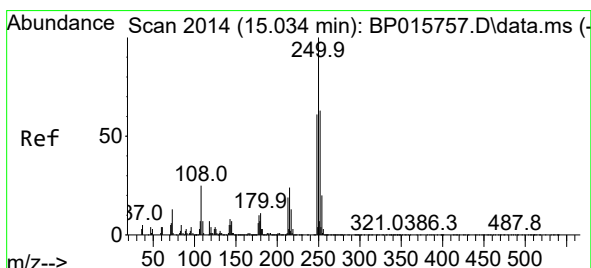
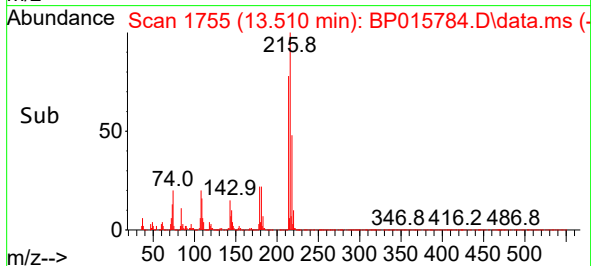
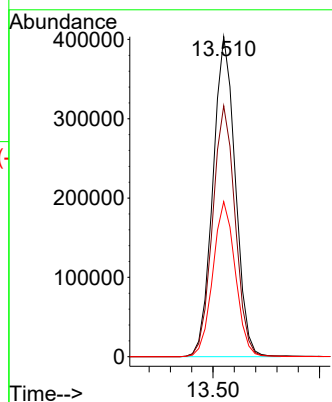
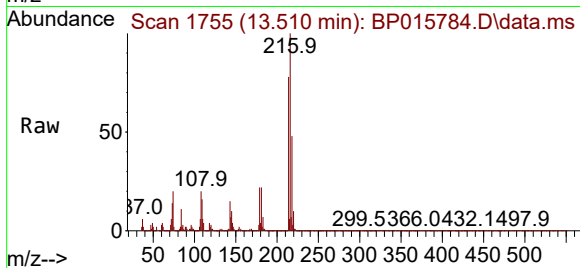
Tgt Ion:216 Resp: 590010

Ion Ratio Lower Upper

216 100

214 78.4 62.0 93.0

218 48.5 38.4 57.6



#76

Pentachlorobenzene

Concen: 30.818 ng/uL

RT: 15.028 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BP015784.D

Acq: 28 Jun 2023 17:48

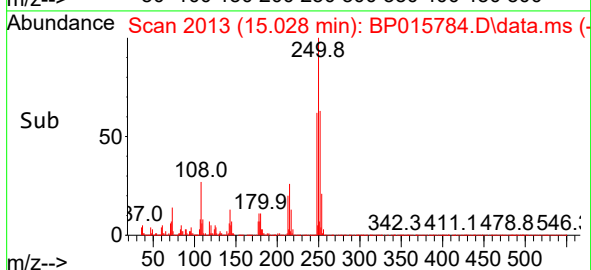
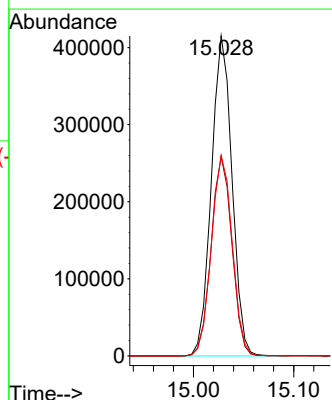
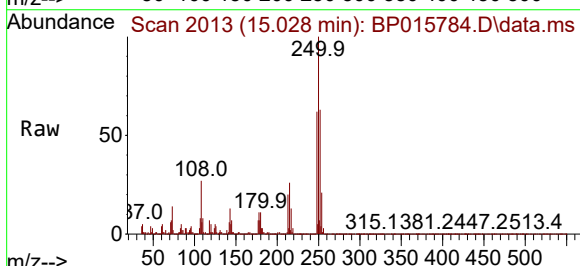
Tgt Ion:250 Resp: 594188

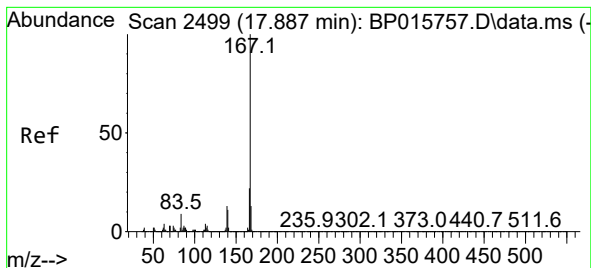
Ion Ratio Lower Upper

250 100

248 62.3 50.7 76.1

252 62.7 51.2 76.8





#77

Carbazole

Concen: 35.815 ng/ul

RT: 17.880 min Scan# 2499

Delta R.T. -0.006 min

Lab File: BP015784.D

Acq: 28 Jun 2023 17:48

Instrument :

BNA_P

ClientSampleId :

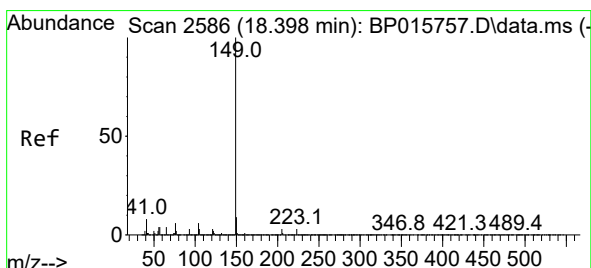
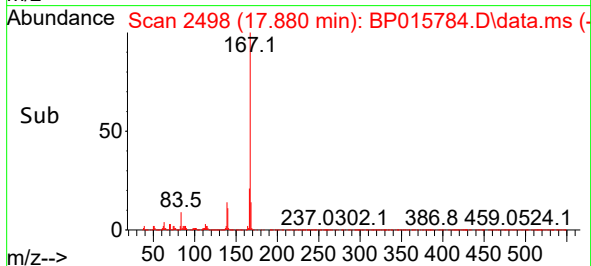
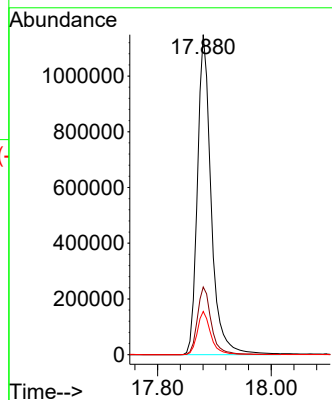
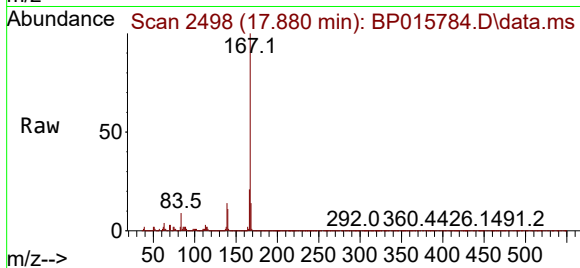
Tgt Ion:167 Resp: 1934587

Ion Ratio Lower Upper

167 100

166 21.1 17.4 26.0

139 13.5 11.0 16.4



#78

Di-n-butylphthalate

Concen: 37.652 ng/ul

RT: 18.398 min Scan# 2586

Delta R.T. -0.006 min

Lab File: BP015784.D

Acq: 28 Jun 2023 17:48

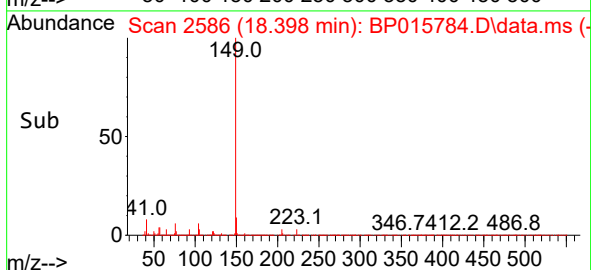
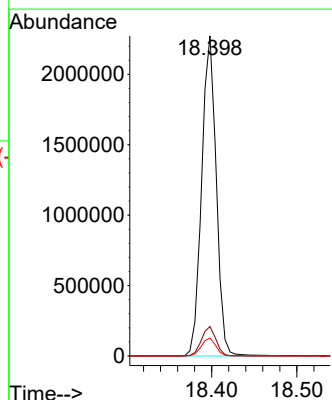
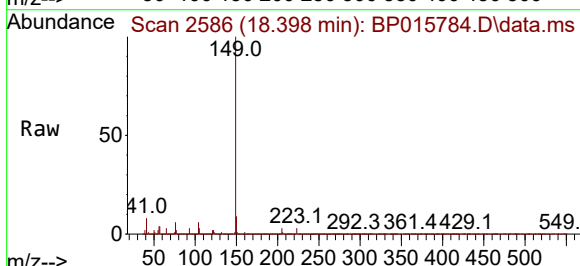
Tgt Ion:149 Resp: 2696287

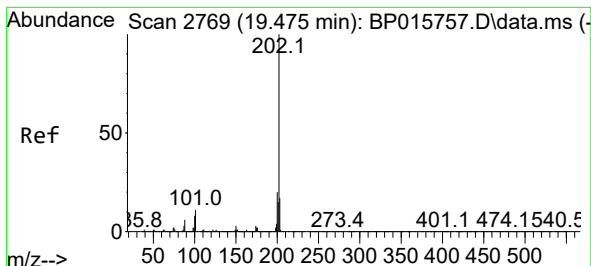
Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

104 5.6 4.6 7.0





#80

Fluoranthene

Concen: 36.566 ng/ul

RT: 19.469 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015784.D

Acq: 28 Jun 2023 17:48

Instrument :

BNA_P

ClientSampleId :

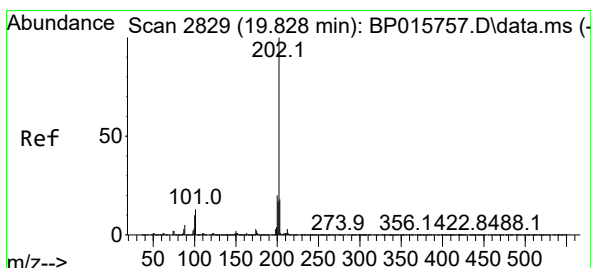
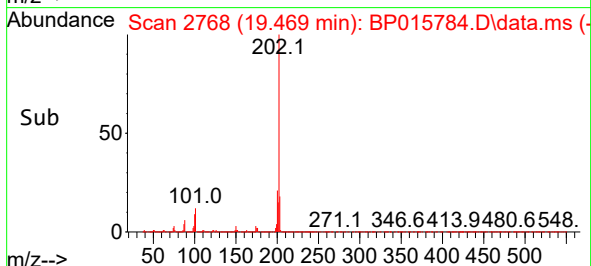
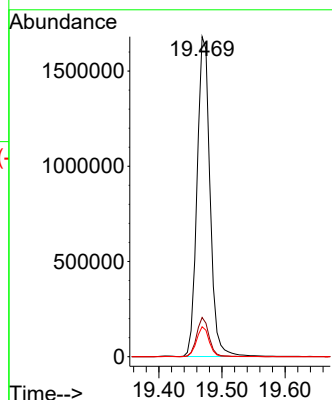
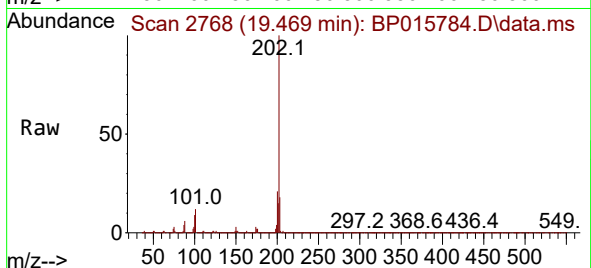
Tgt Ion:202 Resp: 2387654

Ion Ratio Lower Upper

202 100

101 12.3 8.3 12.5

100 9.4 6.6 9.8



#82

Pyrene

Concen: 35.310 ng/ul

RT: 19.827 min Scan# 2829

Delta R.T. -0.006 min

Lab File: BP015784.D

Acq: 28 Jun 2023 17:48

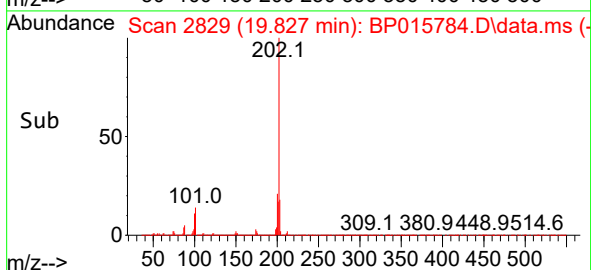
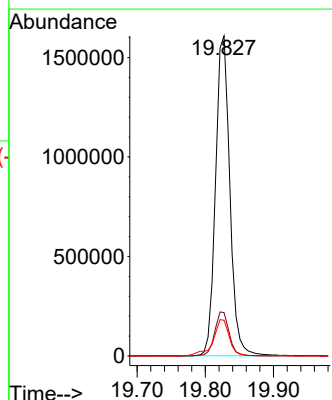
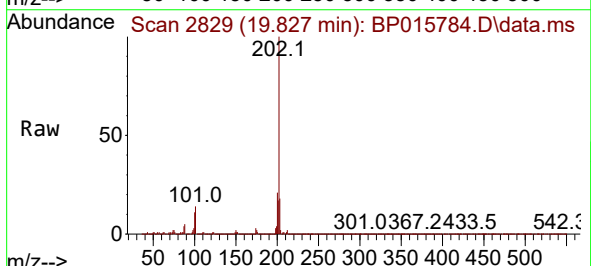
Tgt Ion:202 Resp: 2351932

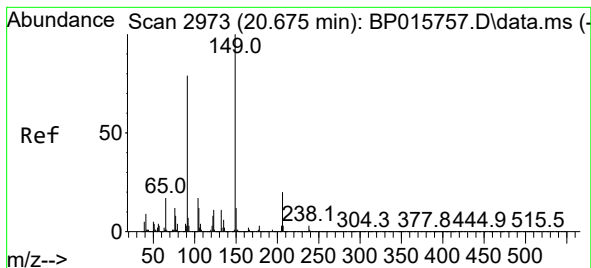
Ion Ratio Lower Upper

202 100

101 13.6 9.3 13.9

100 11.2 7.6 11.4





#83

Butylbenzylphthalate

Concen: 41.915 ng/ul

RT: 20.674 min Scan# 2973

Delta R.T. -0.006 min

Lab File: BP015784.D

Acq: 28 Jun 2023 17:48

Instrument :

BNA_P

ClientSampleId :

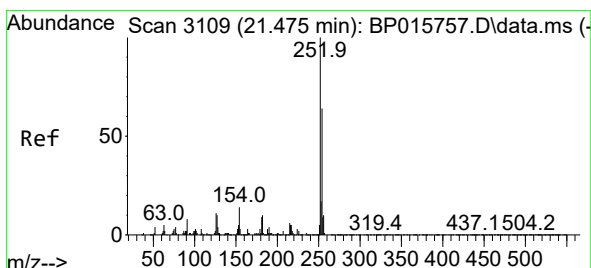
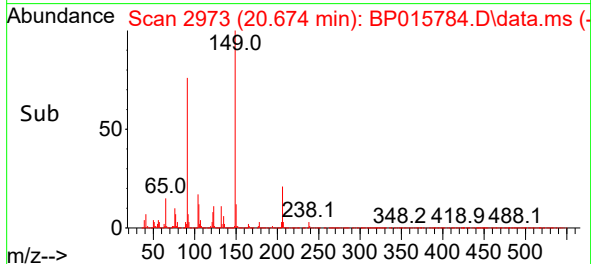
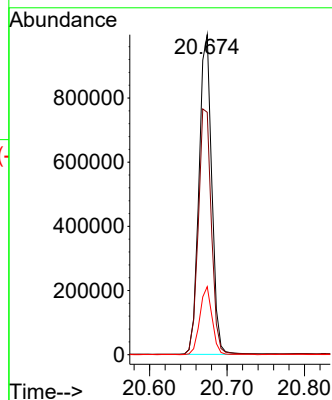
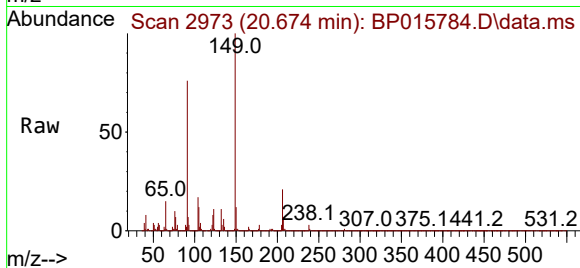
Tgt Ion:149 Resp: 1139017

Ion Ratio Lower Upper

149 100

91 75.8 59.8 89.6

206 21.3 16.4 24.6



#84

3,3'-Dichlorobenzidine

Concen: 37.821 ng/ul

RT: 21.468 min Scan# 3108

Delta R.T. -0.006 min

Lab File: BP015784.D

Acq: 28 Jun 2023 17:48

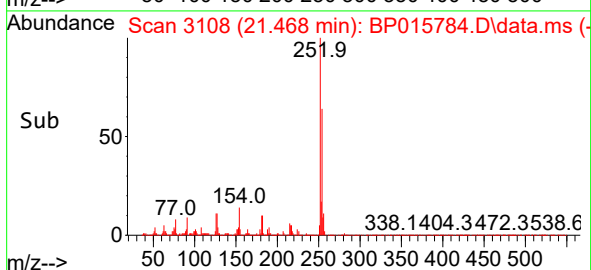
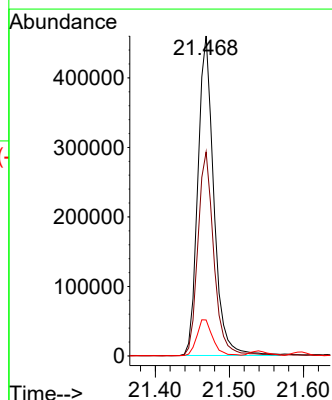
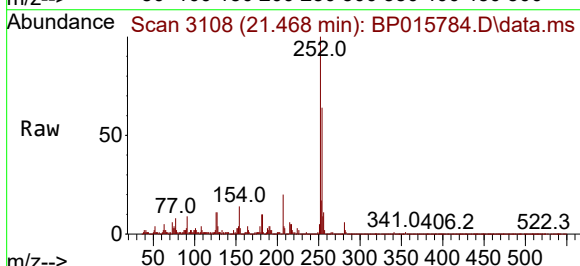
Tgt Ion:252 Resp: 687919

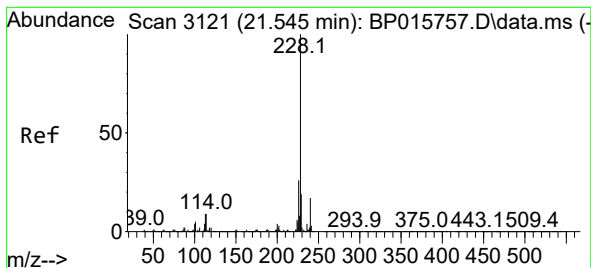
Ion Ratio Lower Upper

252 100

254 63.7 51.0 76.6

126 11.2 8.6 13.0





#85

Benzo(a)anthracene

Concen: 34.709 ng/ul

RT: 21.539 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP015784.D

Acq: 28 Jun 2023 17:48

Instrument :

BNA_P

ClientSampleId :

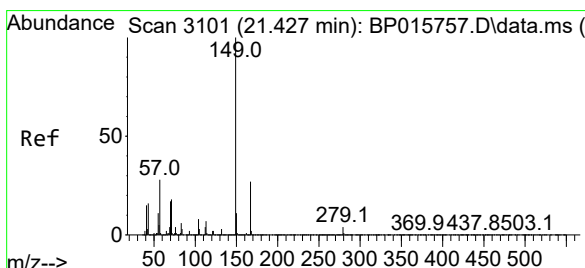
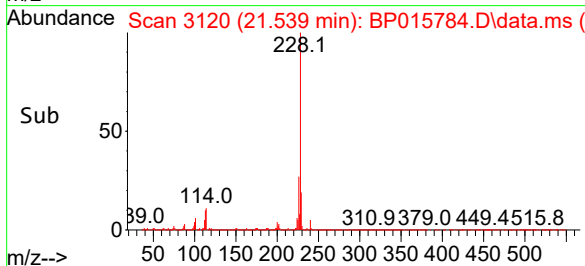
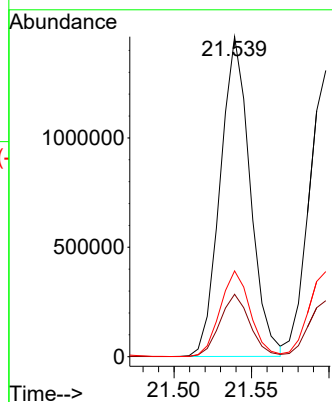
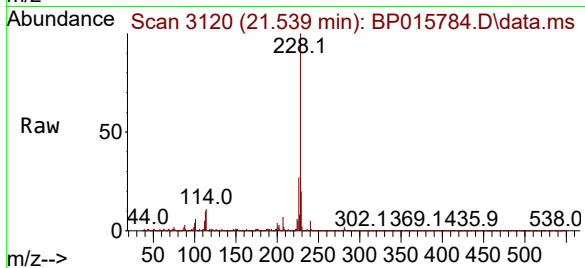
Tgt Ion:228 Resp: 1964576

Ion Ratio Lower Upper

228 100

229 19.5 15.3 22.9

226 26.8 21.4 32.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 44.345 ng/ul

RT: 21.421 min Scan# 3100

Delta R.T. -0.012 min

Lab File: BP015784.D

Acq: 28 Jun 2023 17:48

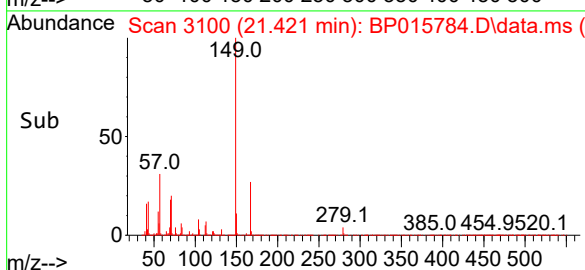
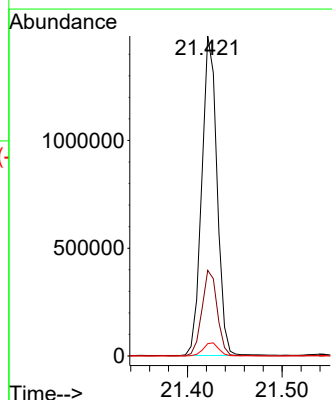
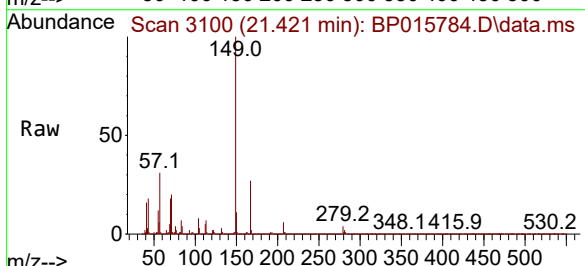
Tgt Ion:149 Resp: 1656084

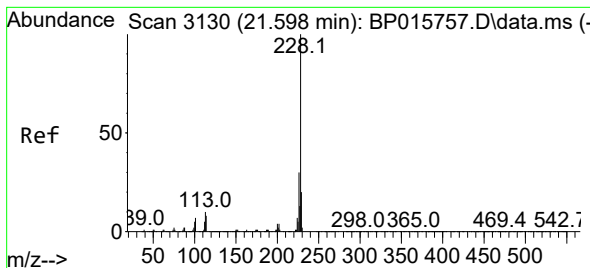
Ion Ratio Lower Upper

149 100

167 26.8 21.0 31.6

279 3.8 3.8 5.6





#87

Chrysene

Concen: 34.518 ng/ul

RT: 21.598 min Scan# 3130

Delta R.T. -0.006 min

Lab File: BP015784.D

Acq: 28 Jun 2023 17:48

Instrument :

BNA_P

ClientSampleId :

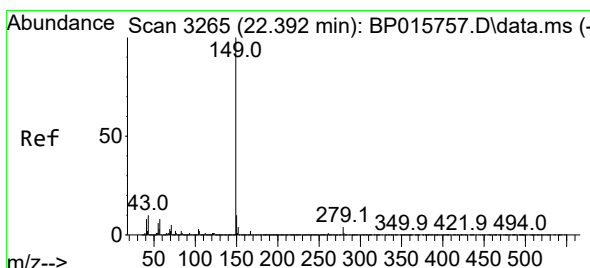
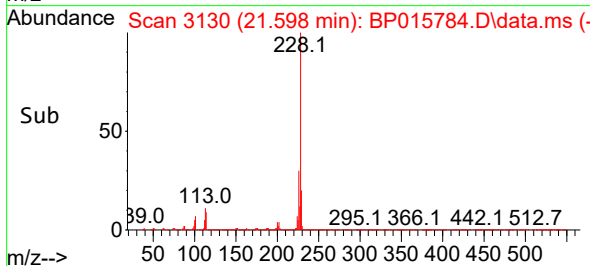
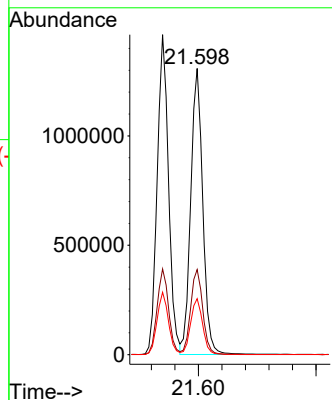
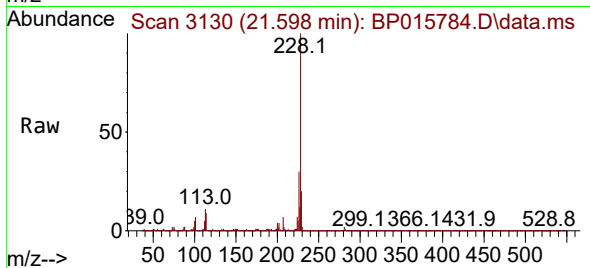
Tgt Ion:228 Resp: 1853637

Ion Ratio Lower Upper

228 100

226 29.7 24.3 36.5

229 19.5 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 43.454 ng/ul

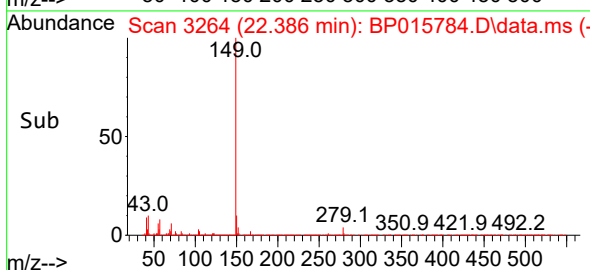
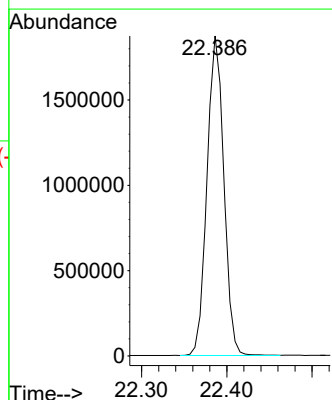
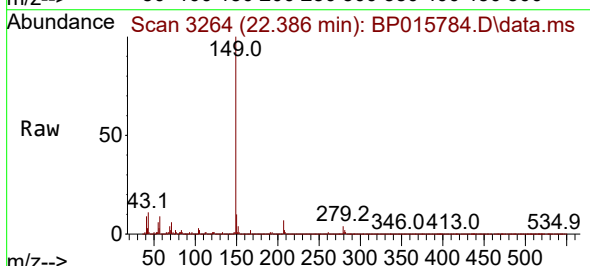
RT: 22.386 min Scan# 3264

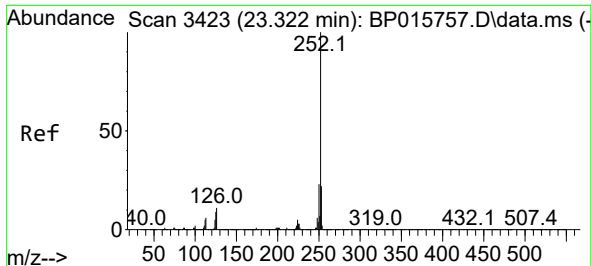
Delta R.T. -0.012 min

Lab File: BP015784.D

Acq: 28 Jun 2023 17:48

Tgt Ion:149 Resp: 2572558

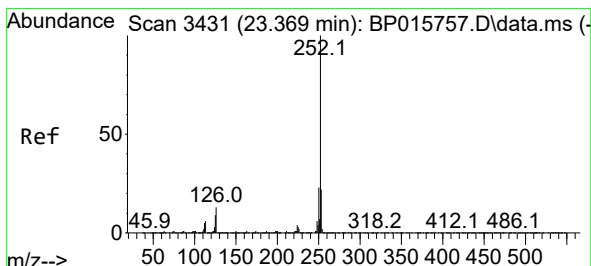
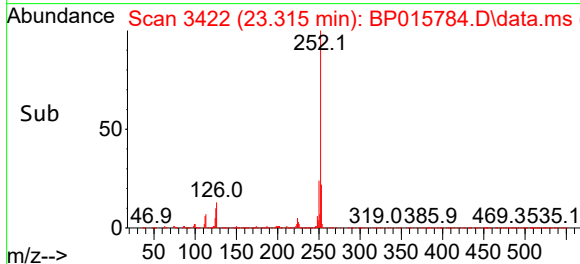
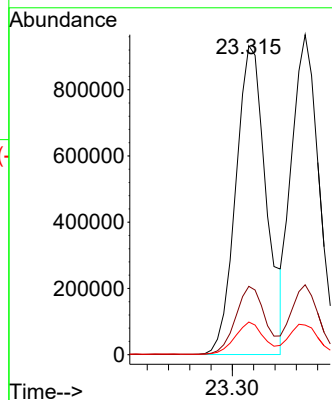
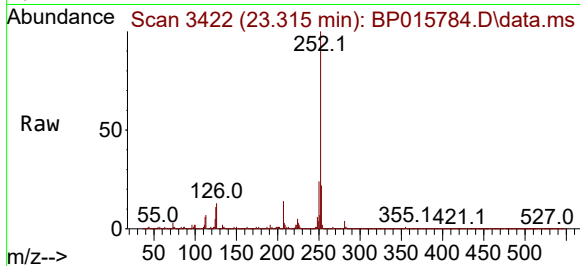




#90
Benzo(b)fluoranthene
Concen: 35.573 ng/ul
RT: 23.315 min Scan# 3423
Delta R.T. -0.012 min
Lab File: BP015784.D
Acq: 28 Jun 2023 17:48

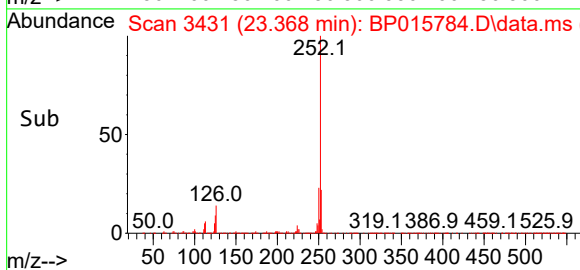
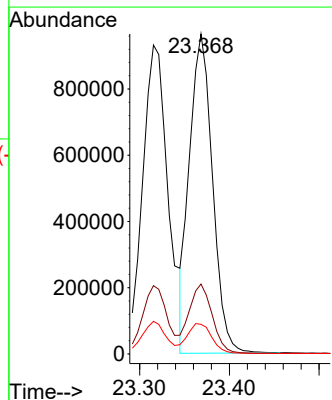
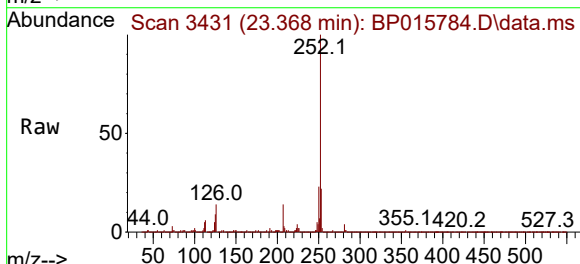
Instrument :
BNA_P
ClientSampleId :

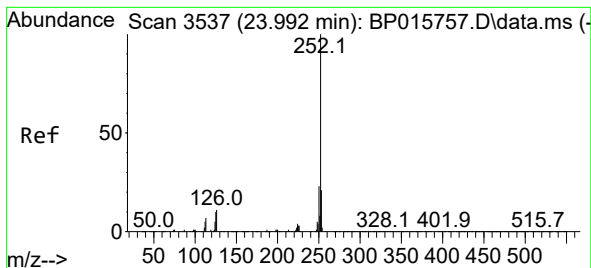
Tgt Ion:252 Resp: 1851639
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 10.6 7.5 11.3



#91
Benzo(k)fluoranthene
Concen: 32.744 ng/ul
RT: 23.368 min Scan# 3431
Delta R.T. -0.012 min
Lab File: BP015784.D
Acq: 28 Jun 2023 17:48

Tgt Ion:252 Resp: 1722040
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.4
125 9.3 7.3 10.9





#93

Benzo(a)pyrene

Concen: 34.541 ng/ul

RT: 23.992 min Scan# 3537

Delta R.T. -0.012 min

Lab File: BP015784.D

Acq: 28 Jun 2023 17:48

Instrument :

BNA_P

ClientSampleId :

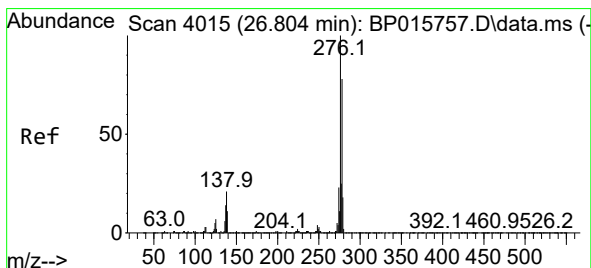
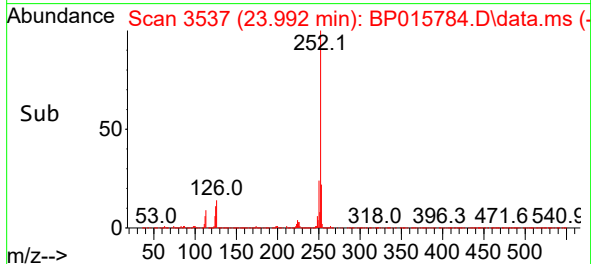
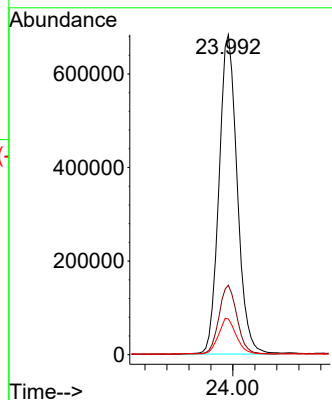
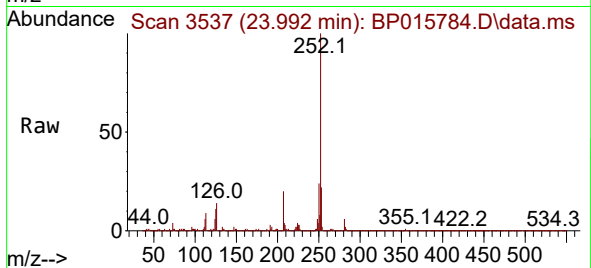
Tgt Ion:252 Resp: 1570971

Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

125 11.1 8.2 12.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 33.498 ng/ul

RT: 26.803 min Scan# 4015

Delta R.T. -0.012 min

Lab File: BP015784.D

Acq: 28 Jun 2023 17:48

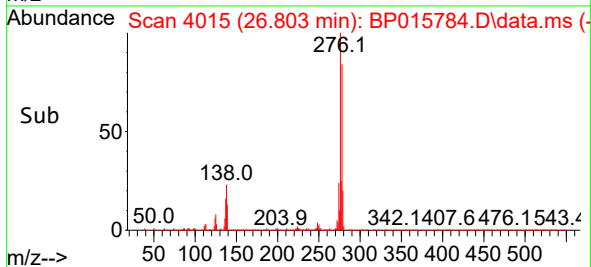
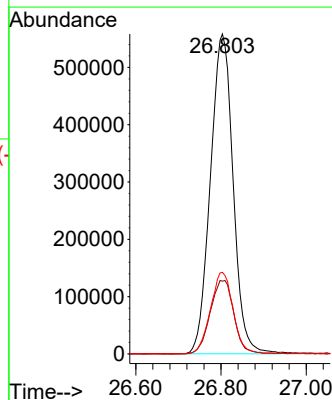
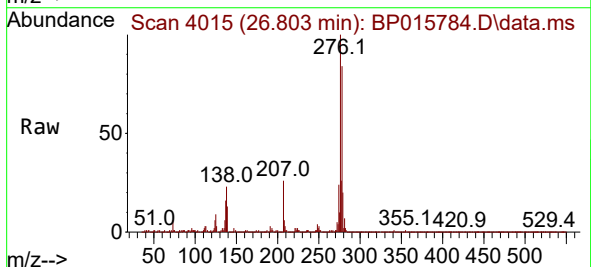
Tgt Ion:276 Resp: 2068254

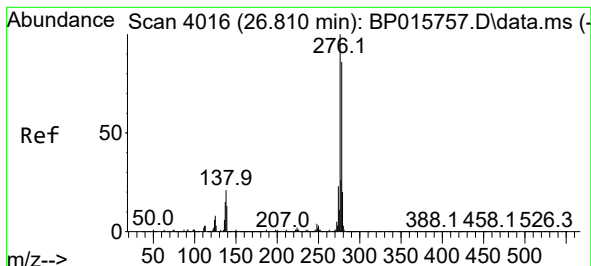
Ion Ratio Lower Upper

276 100

138 22.7 15.7 23.5

277 25.5 19.6 29.4





#95

Dibenzo(a,h)anthracene

Concen: 33.514 ng/ul

RT: 26.815 min Scan# 4016

Delta R.T. -0.012 min

Lab File: BP015784.D

Acq: 28 Jun 2023 17:48

Instrument :

BNA_P

ClientSampleId :

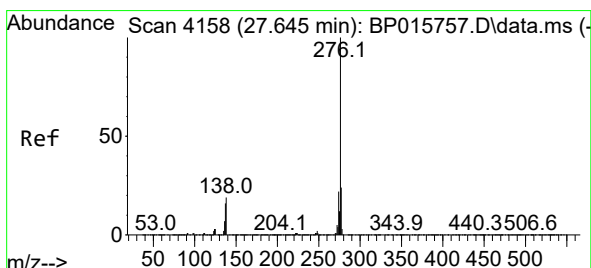
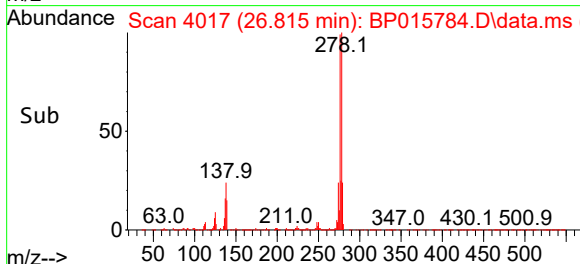
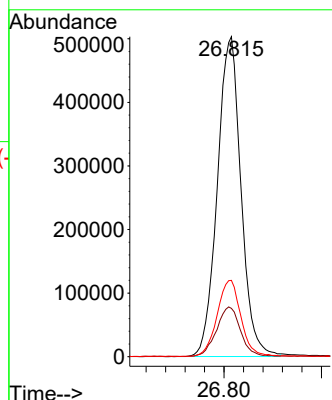
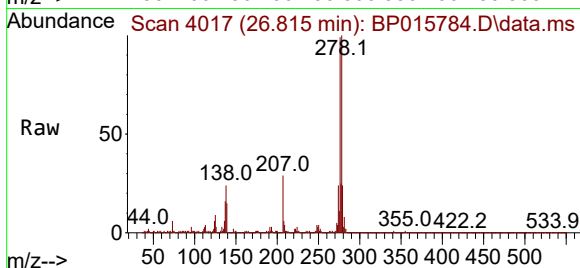
Tgt Ion:278 Resp: 1699627

Ion Ratio Lower Upper

278 100

139 15.1 10.5 15.7

279 23.9 18.4 27.6



#96

Benzo(g,h,i)perylene

Concen: 33.611 ng/ul

RT: 27.639 min Scan# 4157

Delta R.T. -0.018 min

Lab File: BP015784.D

Acq: 28 Jun 2023 17:48

Tgt Ion:276 Resp: 1707244

Ion Ratio Lower Upper

276 100

138 19.7 15.1 22.7

277 24.2 18.8 28.2

