

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
 Data File : BP015849.D
 Acq On : 30 Jun 2023 17:57
 Operator : MA/JU
 Sample : PB153635BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jun 30 22:34:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 30 22:30:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	195087	20.000	ng/u1	0.00
20) Naphthalene-d8	10.875	136	860559	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.698	164	521645	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.463	188	1148575	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.551	240	861285	20.000	ng/u1	# 0.00
88) Perylene-d12	24.098	264	838836	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	36016	6.642	ng/uL	0.00
4) Pyridine-d5	3.817	84	508120	37.174	ng/u1	0.00
7) Phenol-d5	7.222	99	664548	39.813	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.375	67	427871	41.433	ng/u1	0.00
11) 2-Chlorophenol-d4	7.581	132	524641	41.637	ng/u1	0.00
15) 4-Methylphenol-d8	8.781	113	540645	41.000	ng/u1	0.00
21) Nitrobenzene-d5	9.240	128	257033	39.082	ng/u1	0.00
24) 2-Nitrophenol-d4	9.963	143	289576	37.726	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.516	165	509660	37.260	ng/u1	0.00
31) 4-Chloroaniline-d4	11.034	131	704997	40.123	ng/u1	0.00
46) Dimethylphthalate-d6	14.110	166	1558997	38.666	ng/u1	0.00
49) Acenaphthylene-d8	14.398	160	1780253	39.278	ng/u1	0.00
54) 4-Nitrophenol-d4	14.945	143	233170	43.823	ng/u1	0.00
60) Fluorene-d10	15.698	176	1290199	38.863	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.851	200	255906	36.229	ng/u1	0.00
73) Anthracene-d10	17.563	188	2024794	38.593	ng/u1	0.00
81) Pyrene-d10	19.792	212	2246597	39.947	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.927	264	1747028	41.287	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.411	88	74830	12.824	ng/uL	99
5) Pyridine	3.840	79	481537	33.676	ng/u1	95
6) Benzaldehyde	7.193	77	377194	55.893	ng/u1	96
8) Phenol	7.252	94	707293	40.833	ng/u1	90
10) Bis(2-Chloroethyl)ether	7.469	93	561922	40.773	ng/u1	100
12) 2-Chlorophenol	7.616	128	523883	39.135	ng/u1	99
13) 2-Methylphenol	8.510	108	533021	40.757	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.587	45	823037	43.724	ng/u1	98
16) Acetophenone	8.893	105	832084	38.387	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.869	70	460754	38.271	ng/u1	99
18) 4-Methylphenol	8.852	108	575229	40.937	ng/u1	99
19) Hexachloroethane	9.128	117	217408	35.164	ng/u1	91
22) Nitrobenzene	9.281	77	690113	37.367	ng/u1	96
23) Isophorone	9.804	82	1309301	37.046	ng/u1	99
25) 2-Nitrophenol	9.999	139	305654	37.521	ng/u1	91
26) 2,4-Dimethylphenol	10.052	107	596217	33.293	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.281	93	780841	39.137	ng/u1	99
29) 2,4-Dichlorophenol	10.546	162	506405	37.239	ng/u1	99
30) Naphthalene	10.928	128	1726165	36.898	ng/u1	99
32) 4-Chloroaniline	11.057	127	603392	33.052	ng/u1	97
33) Hexachlorobutadiene	11.193	225	304699	29.670	ng/u1	99
34) Caprolactam	11.863	113	183501	44.114	ng/u1	94
35) 4-Chloro-3-methylphenol	12.193	107	598531	37.601	ng/u1	96
36) 2-Methylnaphthalene	12.534	142	1124040	36.499	ng/u1	98

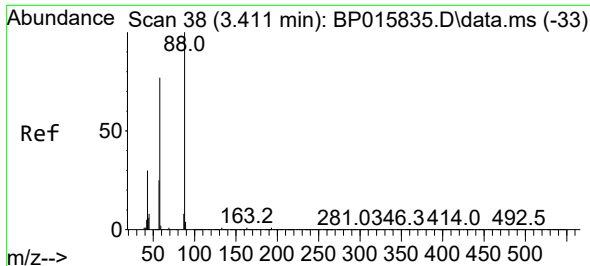
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
 Data File : BP015849.D
 Acq On : 30 Jun 2023 17:57
 Operator : MA/JU
 Sample : PB153635BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jun 30 22:34:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 30 22:30:25 2023
 Response via : Initial Calibration

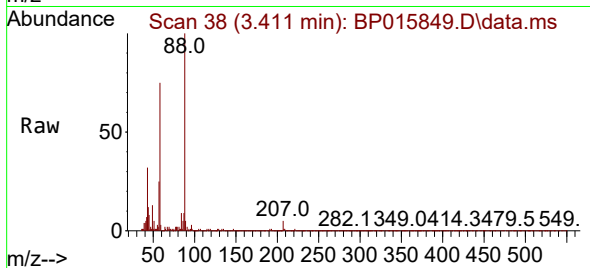
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.751	142	1152425	36.682	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.904	216	589270	34.280	ng/ul	99
40) Hexachlorocyclopentadiene	12.863	237	92366	17.961	ng/ul	100
41) 2,4,6-Trichlorophenol	13.157	196	383574	35.308	ng/ul	99
42) 2,4,5-Trichlorophenol	13.240	196	432617	37.544	ng/ul	98
43) 1,1'-Biphenyl	13.534	154	1519426	36.774	ng/ul	98
44) 2-Chloronaphthalene	13.587	162	1193674	36.673	ng/ul	98
45) 2-Nitroaniline	13.810	65	424990	41.497	ng/ul	93
47) Dimethylphthalate	14.157	163	1537107	36.838	ng/ul	99
48) 2,6-Dinitrotoluene	14.298	165	327435	38.685	ng/ul	95
50) Acenaphthylene	14.428	152	1899063	38.026	ng/ul	100
51) 3-Nitroaniline	14.640	138	335947	50.614	ng/ul	96
52) Acenaphthene	14.769	153	1314371	37.954	ng/ul	98
53) 2,4-Dinitrophenol	14.869	184	147258	32.793	ng/ul	89
55) 4-Nitrophenol	14.963	109	177561	32.203	ng/ul#	76
56) Dibenzofuran	15.104	168	1802653	37.497	ng/ul	96
57) 2,4-Dinitrotoluene	15.098	165	462810	40.125	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.339	232	341157	34.469	ng/ul	97
59) Diethylphthalate	15.510	149	1606706	38.050	ng/ul	100
61) Fluorene	15.751	166	1484006	38.057	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.739	204	705119	35.339	ng/ul	97
63) 4-Nitroaniline	15.810	138	319771	70.391	ng/ul#	83
66) 4,6-Dinitro-2-methylph...	15.869	198	251584	35.202	ng/ul	100
67) N-Nitrosodiphenylamine	15.957	169	1273446	37.036	ng/ul	98
68) 4-Bromophenyl-phenylether	16.639	248	445313	33.952	ng/ul	90
69) Hexachlorobenzene	16.763	284	516158	33.352	ng/ul	98
70) Atrazine	16.916	200	202794	15.408	ng/ul	99
71) Pentachlorophenol	17.122	266	246297	33.159	ng/ul	97
72) Phenanthrene	17.504	178	2371434	38.005	ng/ul	100
74) Anthracene	17.598	178	2410065	38.439	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.504	216	592910	31.724	ng/ul	98
76) Pentachlorobenzene	15.022	250	602459	31.939	ng/ul	99
77) Carbazole	17.881	167	2221019	42.029	ng/ul	100
78) Di-n-butylphthalate	18.392	149	2921747	41.704	ng/ul	99
80) Fluoranthene	19.469	202	2721922	38.943	ng/ul#	95
82) Pyrene	19.822	202	2754767	38.637	ng/ul#	91
83) Butylbenzylphthalate	20.663	149	1326782	45.613	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.463	252	807822	41.491	ng/ul	98
85) Benzo(a)anthracene	21.533	228	2350852	38.801	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.416	149	1910682	47.797	ng/ul	99
87) Chrysene	21.592	228	2258359	39.288	ng/ul	99
89) Di-n-octyl phthalate	22.374	149	3160057	51.548	ng/ul	100
90) Benzo(b)fluoranthene	23.310	252	2149526	39.881	ng/ul	98
91) Benzo(k)fluoranthene	23.357	252	2159446	39.654	ng/ul#	96
93) Benzo(a)pyrene	23.986	252	1851100	39.305	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.792	276	2328142	36.415	ng/ul#	91
95) Dibenzo(a,h)anthracene	26.804	278	1931316	36.777	ng/ul#	95
96) Benzo(g,h,i)perylene	27.633	276	1893729	36.005	ng/ul#	95

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

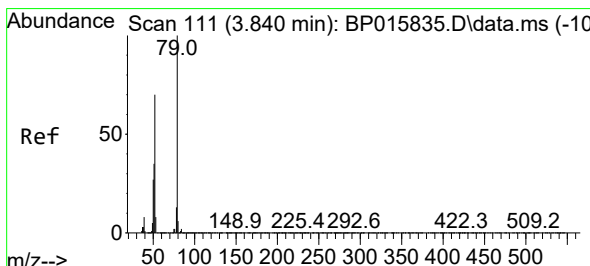
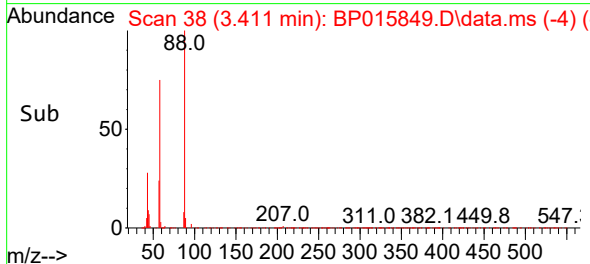
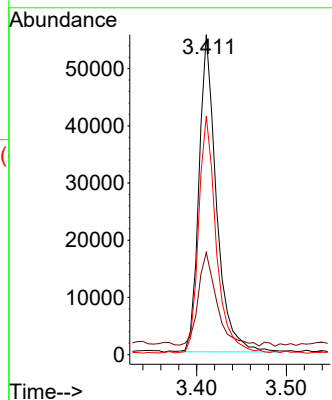


#2
1,4-Dioxane
Concen: 12.824 ng/uL
RT: 3.411 min Scan# 38
Delta R.T. 0.000 min
Lab File: BP015849.D
Acq: 30 Jun 2023 17:57

Instrument :
BNA_P
ClientSampleId :

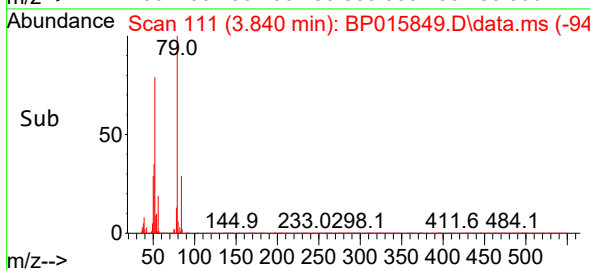
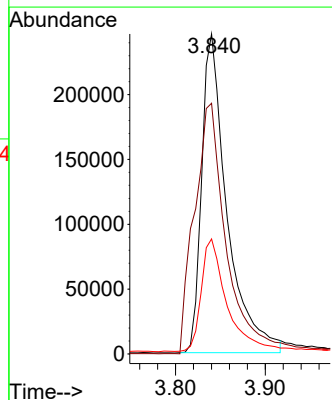
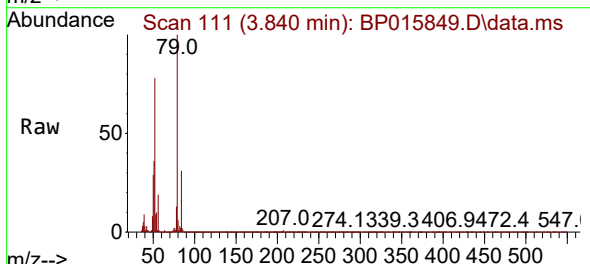


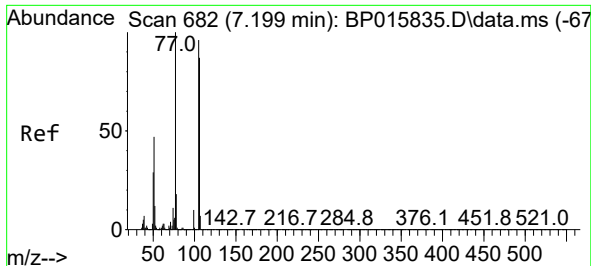
Tgt Ion: 88 Resp: 74830
Ion Ratio Lower Upper
88 100
43 31.9 27.4 41.2
58 74.6 59.8 89.8



#5
Pyridine
Concen: 33.676 ng/uL
RT: 3.840 min Scan# 111
Delta R.T. 0.000 min
Lab File: BP015849.D
Acq: 30 Jun 2023 17:57

Tgt Ion: 79 Resp: 481537
Ion Ratio Lower Upper
79 100
52 78.4 65.5 98.3
51 36.0 31.8 47.8

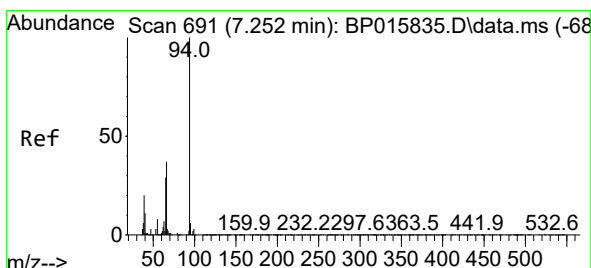
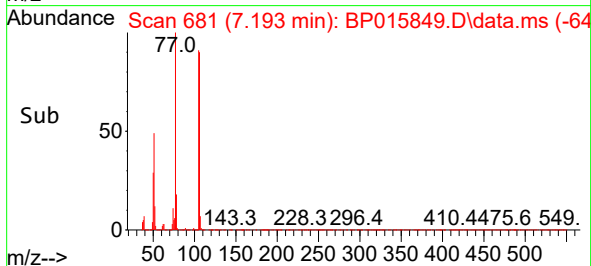
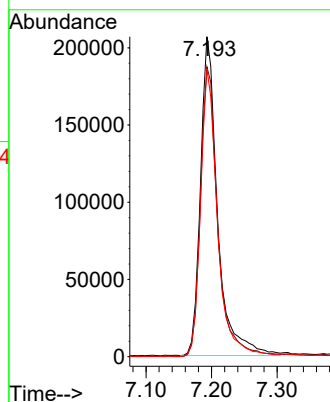
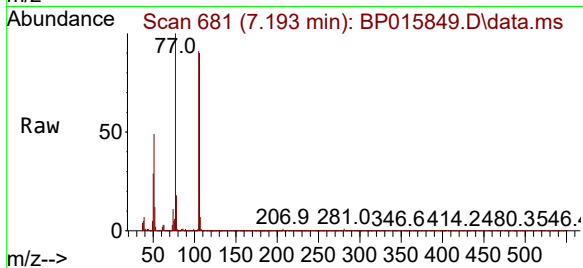




#6
Benzaldehyde
Concen: 55.893 ng/ul
RT: 7.193 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP015849.D
Acq: 30 Jun 2023 17:57

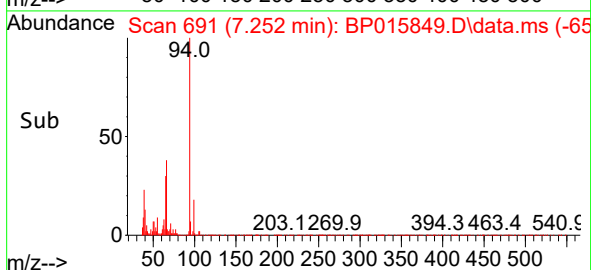
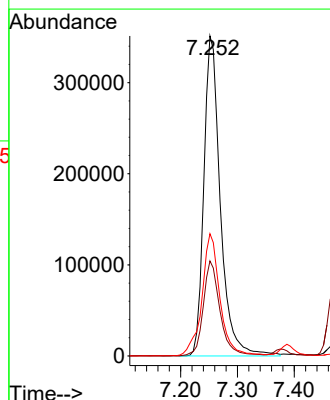
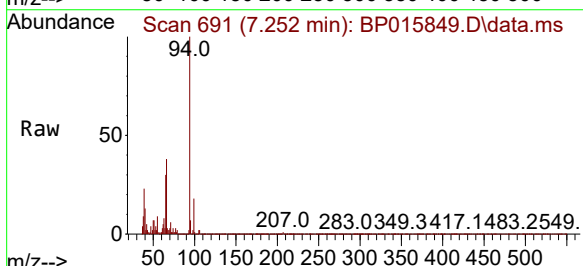
Instrument :
BNA_P
ClientSampleId :

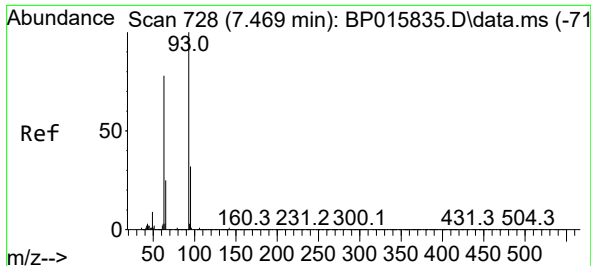
Tgt Ion: 77 Resp: 377194
Ion Ratio Lower Upper
77 100
105 90.6 73.4 110.0
106 90.0 66.6 100.0



#8
Phenol
Concen: 40.833 ng/ul
RT: 7.252 min Scan# 691
Delta R.T. 0.000 min
Lab File: BP015849.D
Acq: 30 Jun 2023 17:57

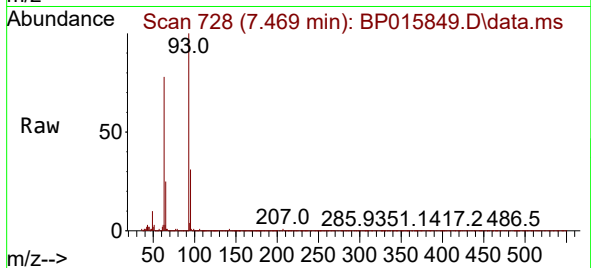
Tgt Ion: 94 Resp: 707293
Ion Ratio Lower Upper
94 100
65 29.7 26.4 39.6
66 38.2 37.3 55.9



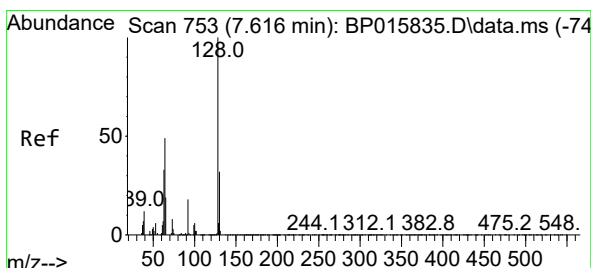
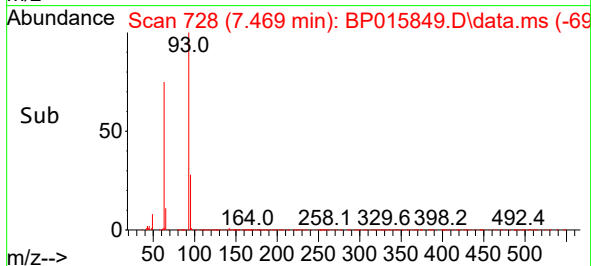
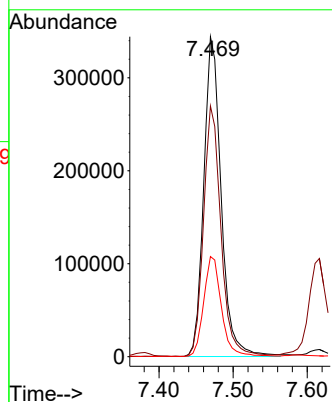


#10
Bis(2-Chloroethyl)ether
Concen: 40.773 ng/ul
RT: 7.469 min Scan# 728
Delta R.T. 0.000 min
Lab File: BP015849.D
Acq: 30 Jun 2023 17:57

Instrument :
BNA_P
ClientSampleId :

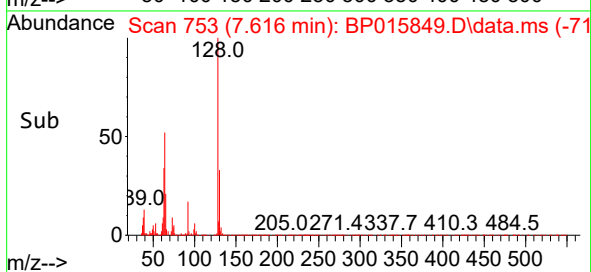
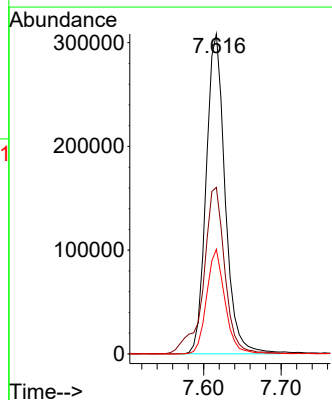
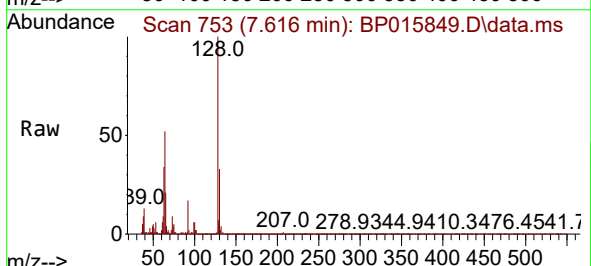


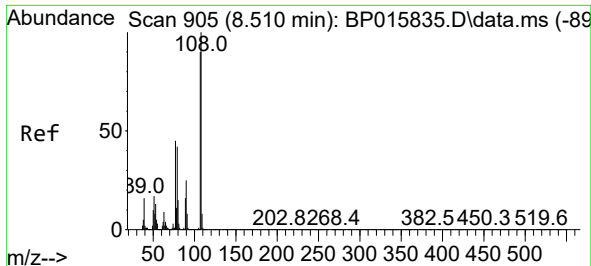
Tgt Ion: 93 Resp: 561922
Ion Ratio Lower Upper
93 100
63 78.4 62.8 94.2
95 31.3 25.6 38.4



#12
2-Chlorophenol
Concen: 39.135 ng/ul
RT: 7.616 min Scan# 753
Delta R.T. 0.000 min
Lab File: BP015849.D
Acq: 30 Jun 2023 17:57

Tgt Ion:128 Resp: 523883
Ion Ratio Lower Upper
128 100
64 52.1 41.2 61.8
130 32.7 26.0 39.0

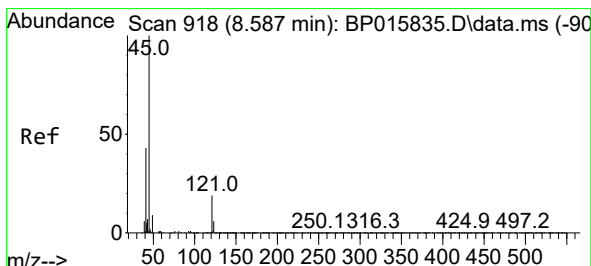
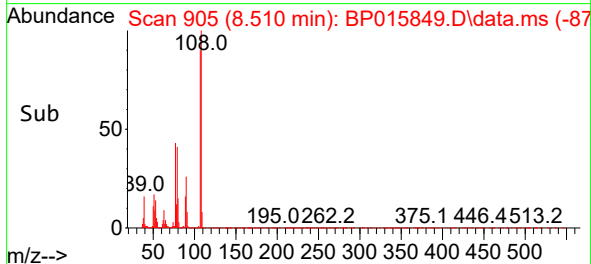
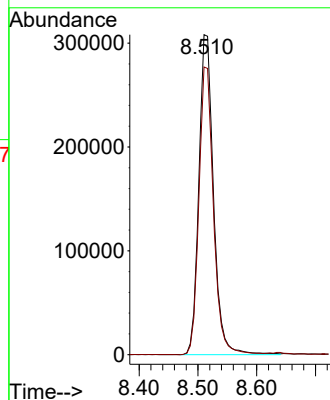
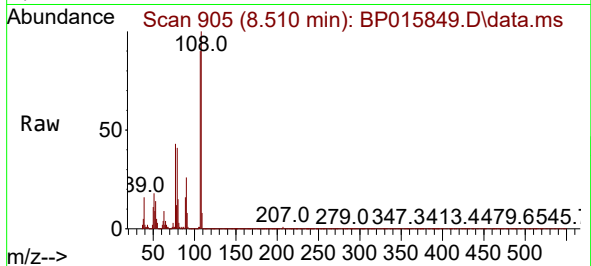




#13
2-Methylphenol
Concen: 40.757 ng/ul
RT: 8.510 min Scan# 905
Delta R.T. 0.000 min
Lab File: BP015849.D
Acq: 30 Jun 2023 17:57

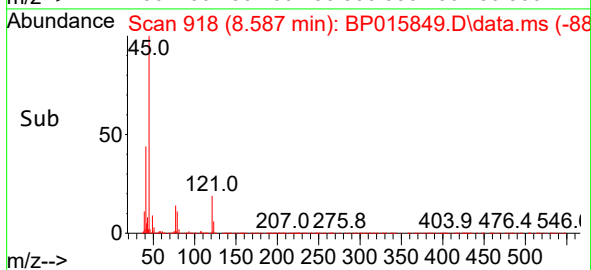
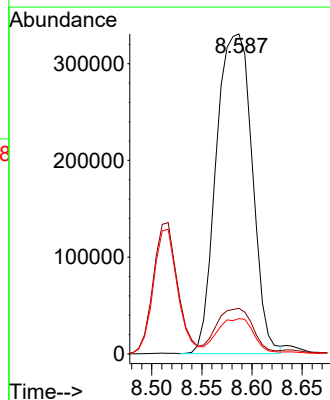
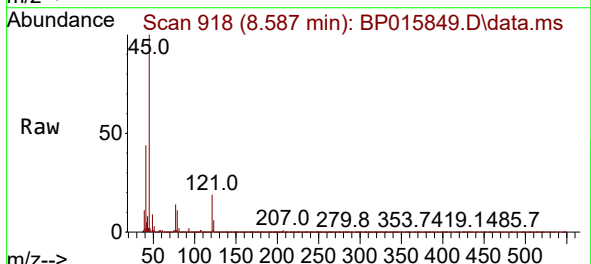
Instrument :
BNA_P
ClientSampleId :

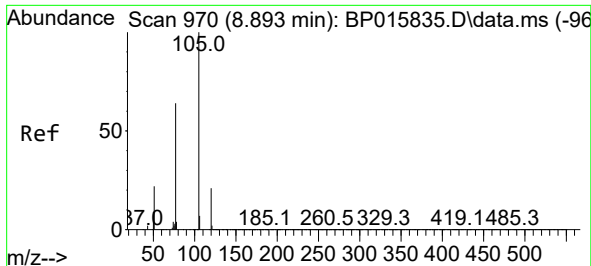
Tgt Ion:108 Resp: 533021
Ion Ratio Lower Upper
108 100
107 89.9 73.8 110.6



#14
2,2'-oxybis(1-Chloropropane)
Concen: 43.724 ng/ul
RT: 8.587 min Scan# 918
Delta R.T. 0.000 min
Lab File: BP015849.D
Acq: 30 Jun 2023 17:57

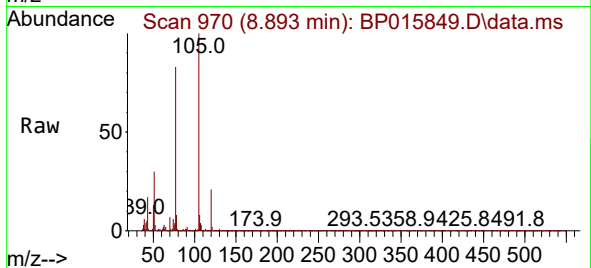
Tgt Ion: 45 Resp: 823037
Ion Ratio Lower Upper
45 100
77 14.2 12.4 18.6
79 11.1 9.3 13.9



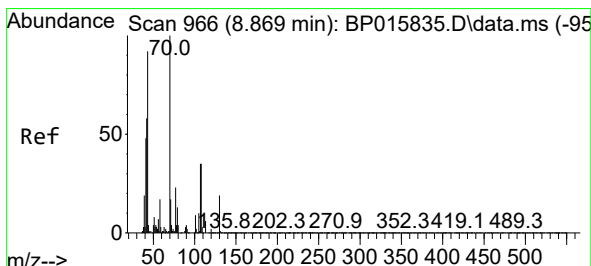
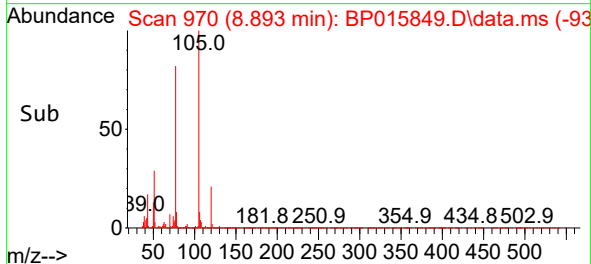
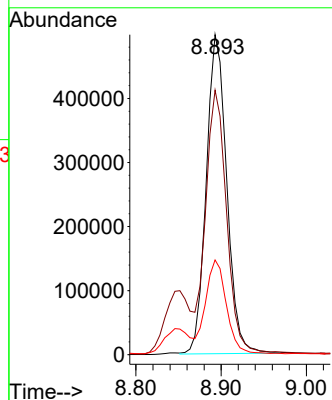


#16
Acetophenone
Concen: 38.387 ng/ul
RT: 8.893 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP015849.D
Acq: 30 Jun 2023 17:57

Instrument :
BNA_P
ClientSampleId :

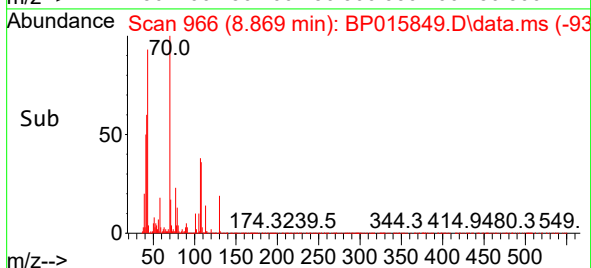
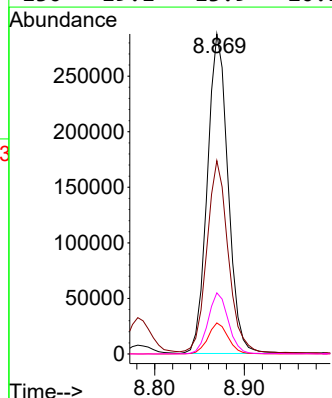
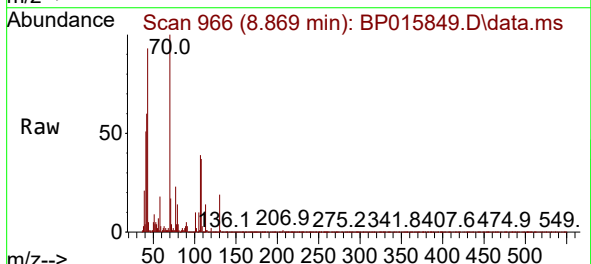


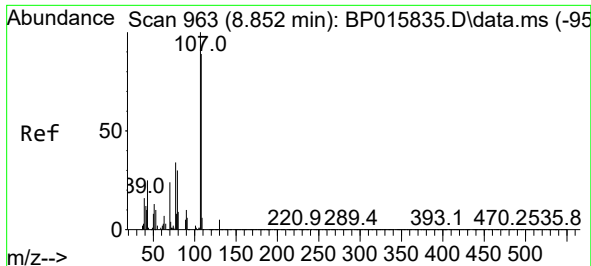
Tgt Ion: 105 Resp: 832084
Ion Ratio Lower Upper
105 100
77 82.7 65.0 97.4
51 29.6 25.1 37.7



#17
N-Nitroso-di-n-propylamine
Concen: 38.271 ng/ul
RT: 8.869 min Scan# 966
Delta R.T. 0.000 min
Lab File: BP015849.D
Acq: 30 Jun 2023 17:57

Tgt Ion: 70 Resp: 460754
Ion Ratio Lower Upper
70 100
42 60.4 48.2 72.2
101 9.7 7.6 11.4
130 19.1 13.9 20.9

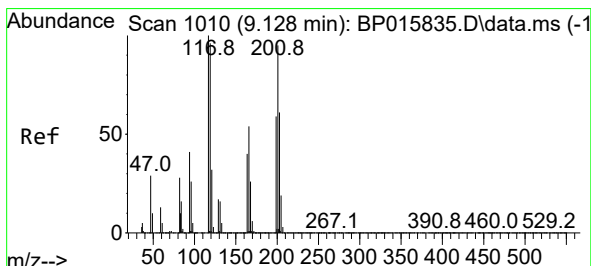
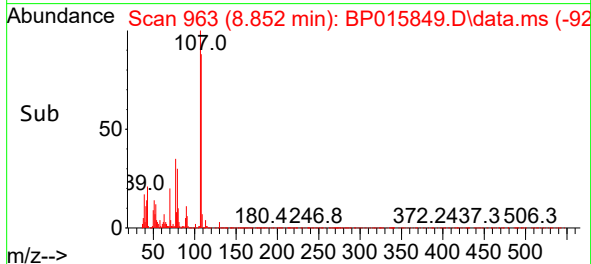
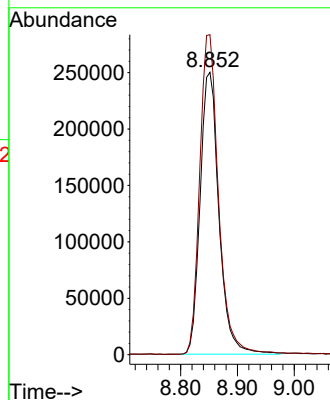
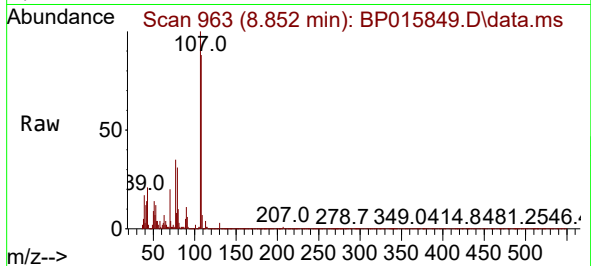




#18
4-Methylphenol
Concen: 40.937 ng/ul
RT: 8.852 min Scan# 963
Delta R.T. 0.000 min
Lab File: BP015849.D
Acq: 30 Jun 2023 17:57

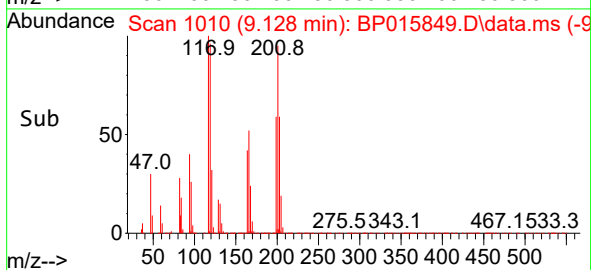
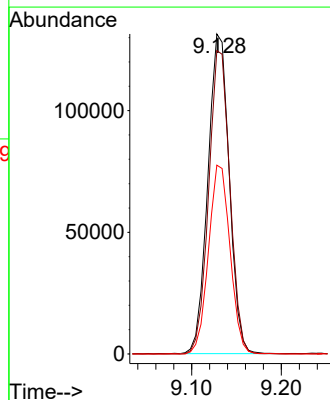
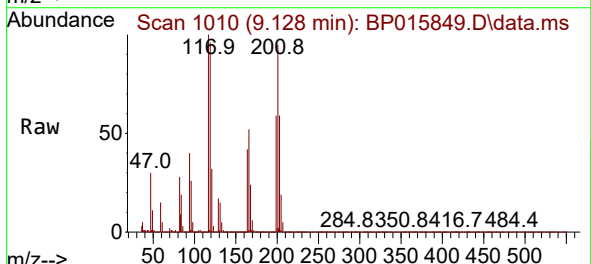
Instrument :
BNA_P
ClientSampleId :

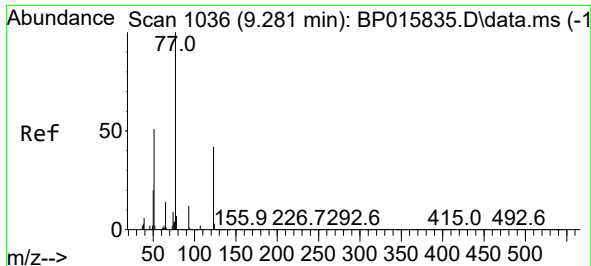
Tgt Ion:108 Resp: 575229
Ion Ratio Lower Upper
108 100
107 113.3 91.3 136.9



#19
Hexachloroethane
Concen: 35.164 ng/ul
RT: 9.128 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BP015849.D
Acq: 30 Jun 2023 17:57

Tgt Ion:117 Resp: 217408
Ion Ratio Lower Upper
117 100
201 94.8 84.2 126.2
199 59.0 51.8 77.8

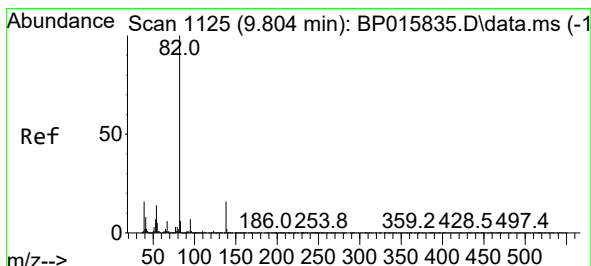
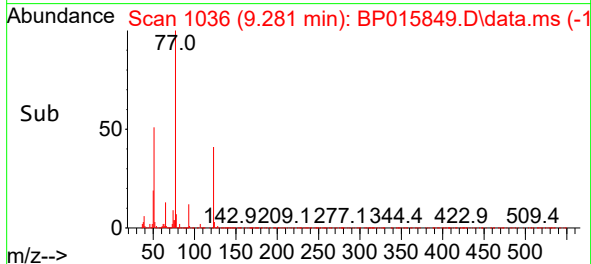
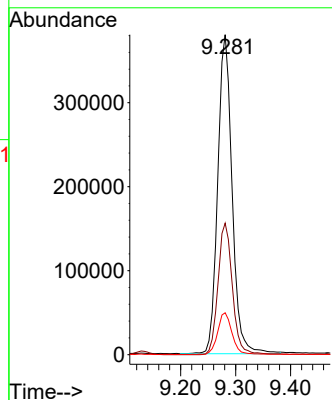
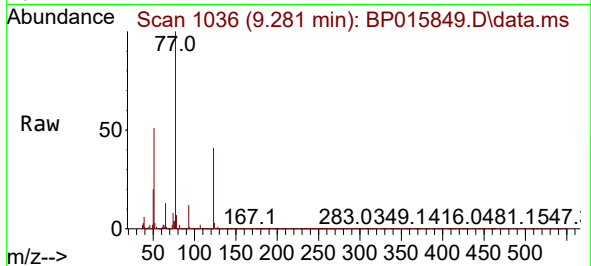




#22
Nitrobenzene
Concen: 37.367 ng/ul
RT: 9.281 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BP015849.D
Acq: 30 Jun 2023 17:57

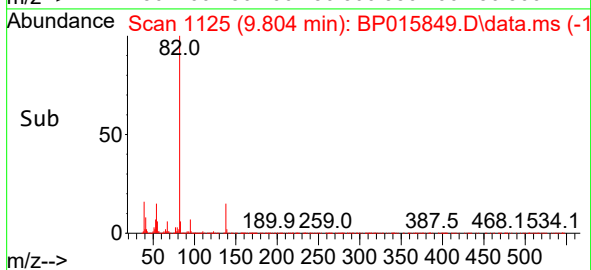
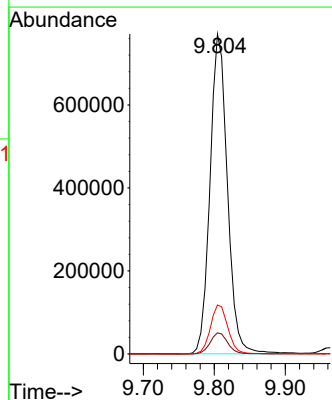
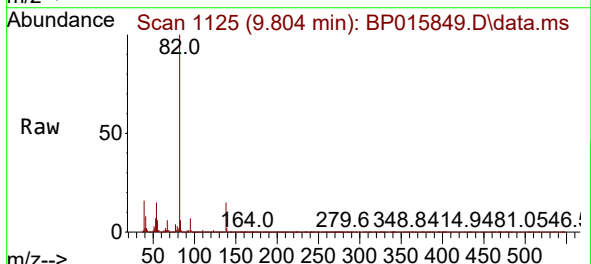
Instrument :
BNA_P
ClientSampleId :

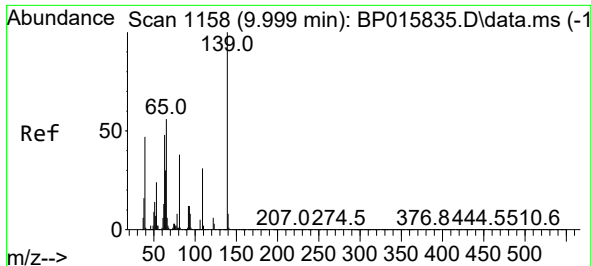
Tgt Ion: 77 Resp: 690113
Ion Ratio Lower Upper
77 100
123 41.1 31.0 46.4
65 13.1 11.3 16.9



#23
Isophorone
Concen: 37.046 ng/ul
RT: 9.804 min Scan# 1125
Delta R.T. 0.000 min
Lab File: BP015849.D
Acq: 30 Jun 2023 17:57

Tgt Ion: 82 Resp: 1309301
Ion Ratio Lower Upper
82 100
95 6.6 6.3 9.5
138 15.3 12.3 18.5

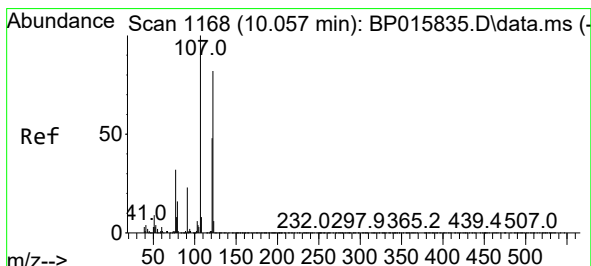
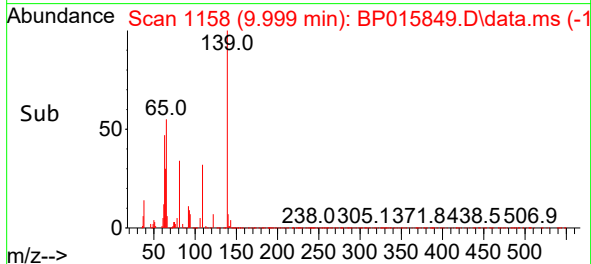
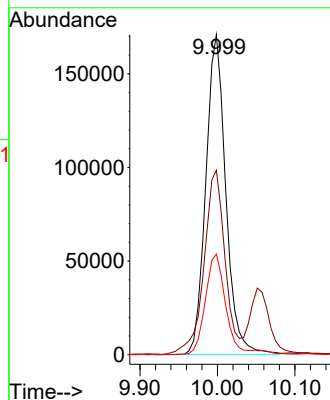
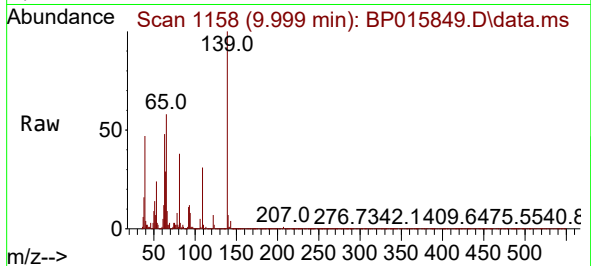




#25
2-Nitrophenol
Concen: 37.521 ng/ul
RT: 9.999 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BP015849.D
Acq: 30 Jun 2023 17:57

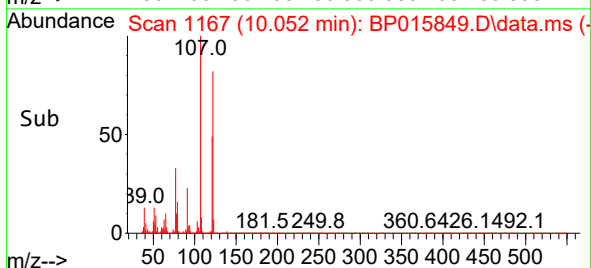
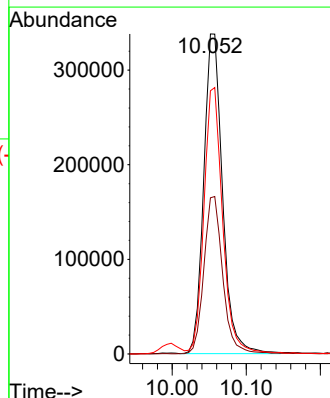
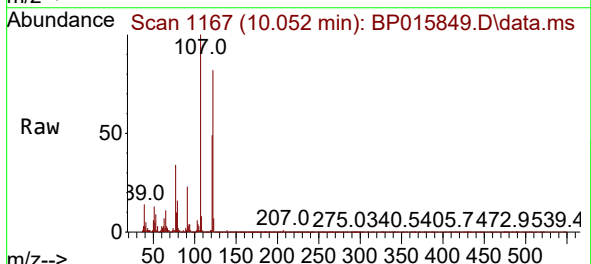
Instrument :
BNA_P
ClientSampleId :

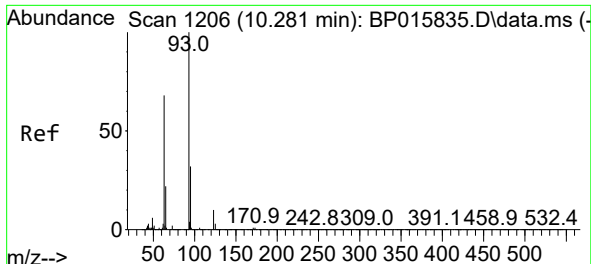
Tgt Ion:139 Resp: 305654
Ion Ratio Lower Upper
139 100
65 57.7 50.2 75.2
109 31.5 31.3 46.9



#26
2,4-Dimethylphenol
Concen: 33.293 ng/ul
RT: 10.052 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BP015849.D
Acq: 30 Jun 2023 17:57

Tgt Ion:107 Resp: 596217
Ion Ratio Lower Upper
107 100
121 48.8 38.2 57.2
122 82.3 62.1 93.1





#27

Bis(2-Chloroethoxy)methane

Concen: 39.137 ng/ul

RT: 10.281 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BP015849.D

Acq: 30 Jun 2023 17:57

Instrument :

BNA_P

ClientSampleId :

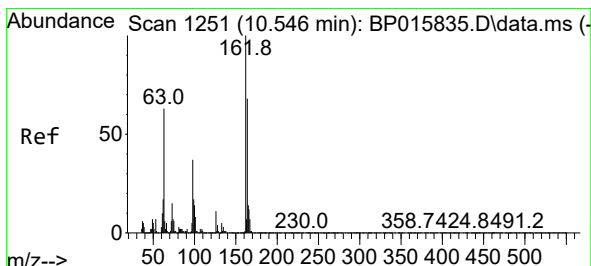
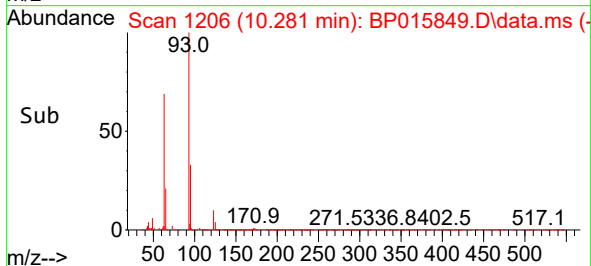
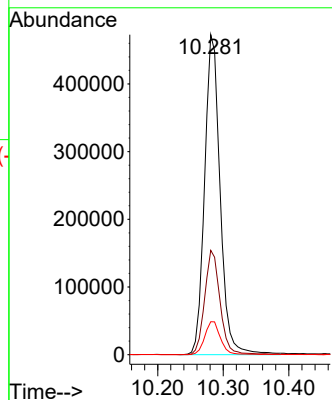
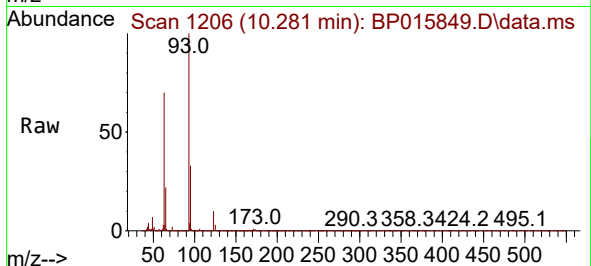
Tgt Ion: 93 Resp: 780841

Ion Ratio Lower Upper

93 100

95 32.6 26.6 39.8

123 10.3 8.6 13.0



#29

2,4-Dichlorophenol

Concen: 37.239 ng/ul

RT: 10.546 min Scan# 1251

Delta R.T. 0.000 min

Lab File: BP015849.D

Acq: 30 Jun 2023 17:57

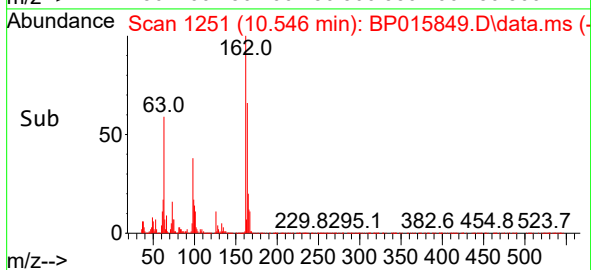
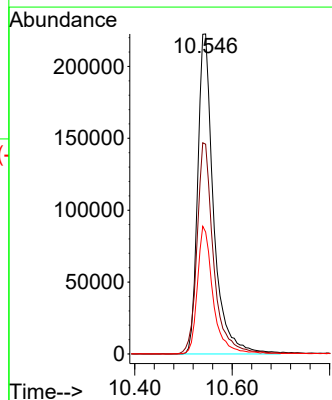
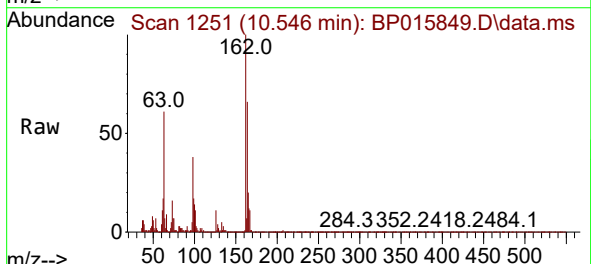
Tgt Ion:162 Resp: 506405

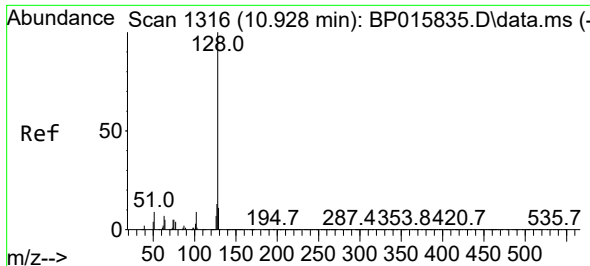
Ion Ratio Lower Upper

162 100

164 65.6 53.0 79.6

98 38.1 31.3 46.9

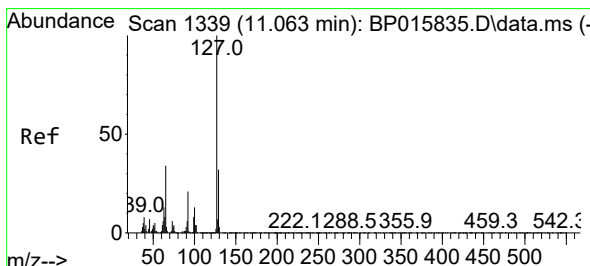
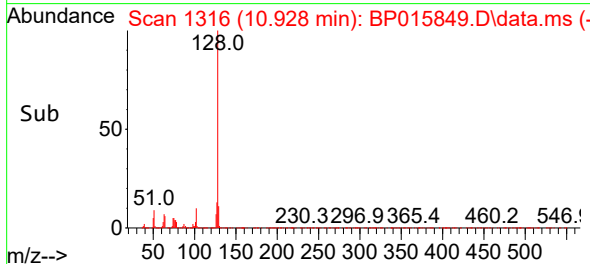
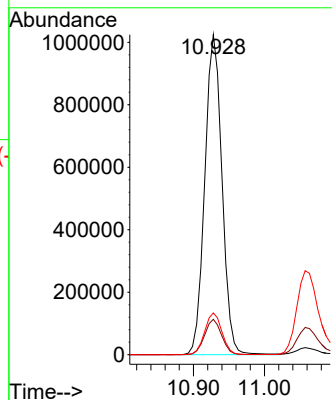
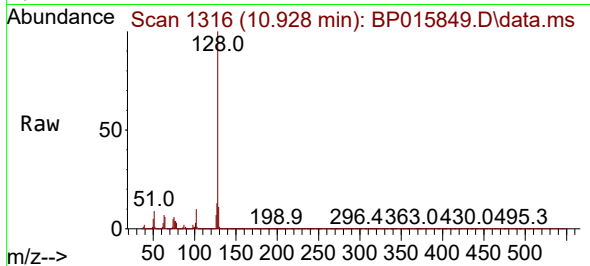




#30
Naphthalene
Concen: 36.898 ng/ul
RT: 10.928 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BP015849.D
Acq: 30 Jun 2023 17:57

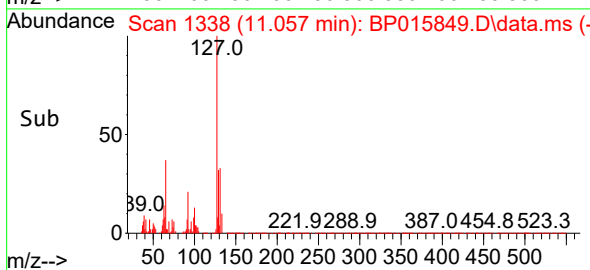
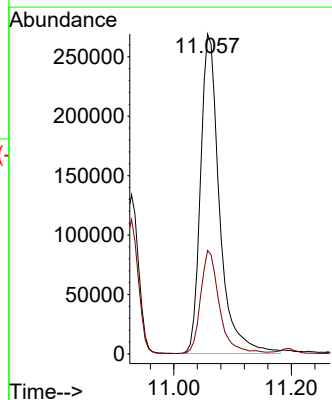
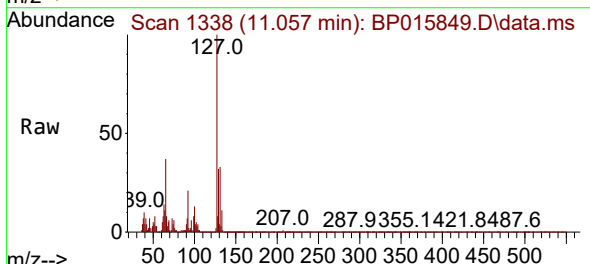
Instrument :
BNA_P
ClientSampleId :

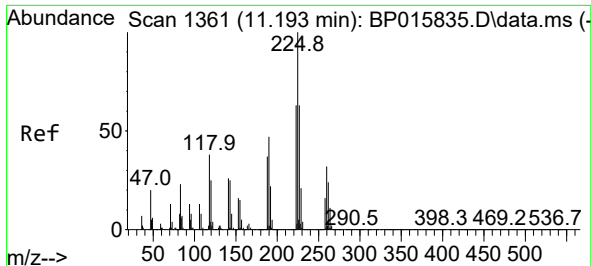
Tgt Ion:128 Resp: 1726165
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 13.1 10.3 15.5



#32
4-Chloroaniline
Concen: 33.052 ng/ul
RT: 11.057 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BP015849.D
Acq: 30 Jun 2023 17:57

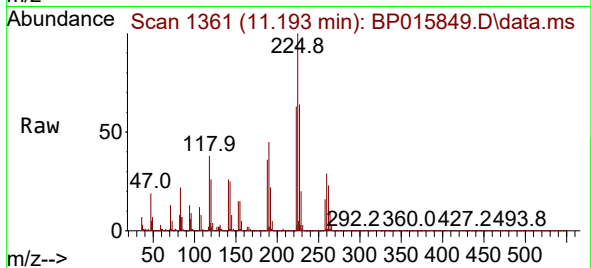
Tgt Ion:127 Resp: 603392
Ion Ratio Lower Upper
127 100
129 32.3 24.7 37.1



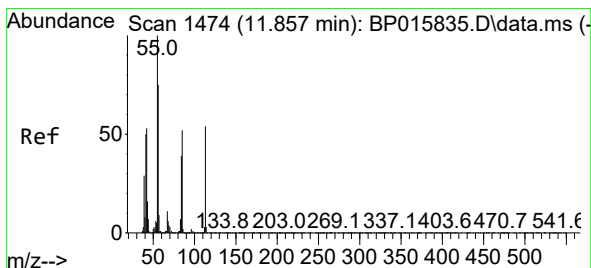
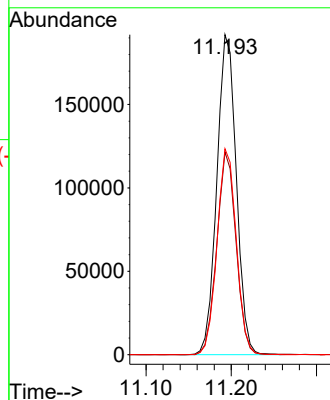
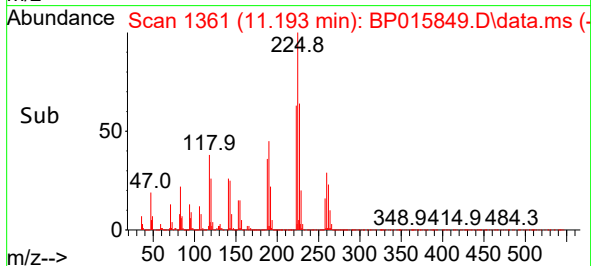


#33
Hexachlorobutadiene
Concen: 29.670 ng/ul
RT: 11.193 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP015849.D
Acq: 30 Jun 2023 17:57

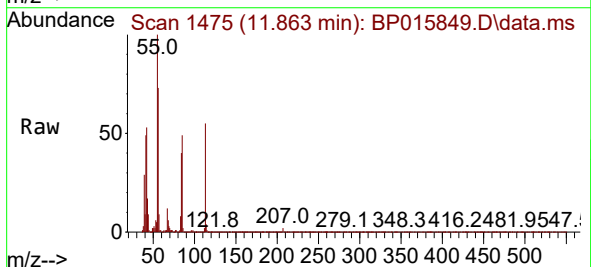
Instrument :
BNA_P
ClientSampleId :



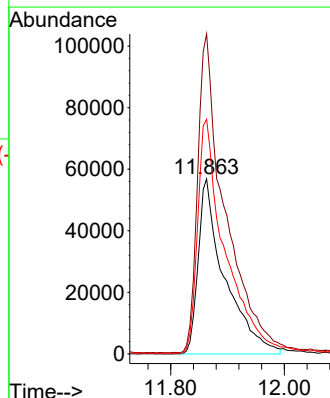
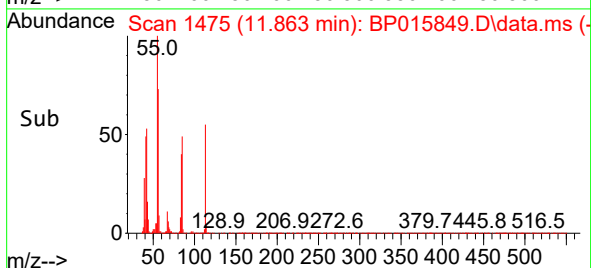
Tgt Ion:225 Resp: 304699
Ion Ratio Lower Upper
225 100
223 63.3 50.4 75.6
227 64.3 51.0 76.4

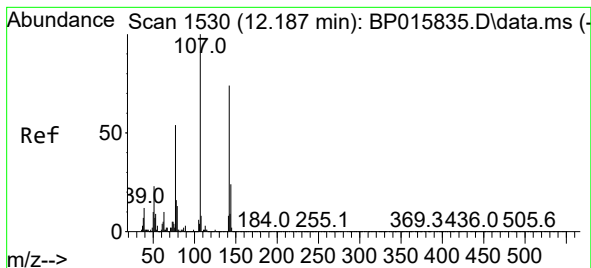


#34
Caprolactam
Concen: 44.114 ng/ul
RT: 11.863 min Scan# 1475
Delta R.T. 0.006 min
Lab File: BP015849.D
Acq: 30 Jun 2023 17:57



Tgt Ion:113 Resp: 183501
Ion Ratio Lower Upper
113 100
55 182.9 142.8 214.2
56 134.1 116.9 175.3

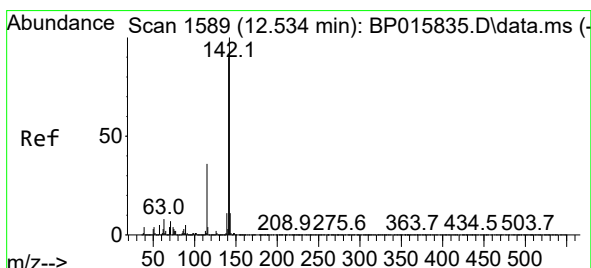
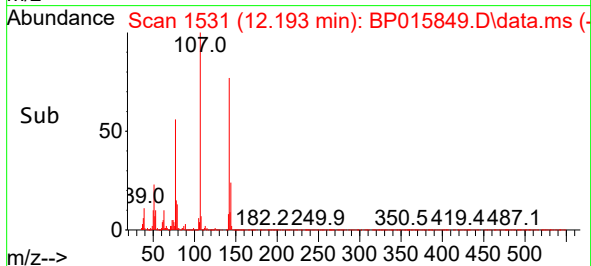
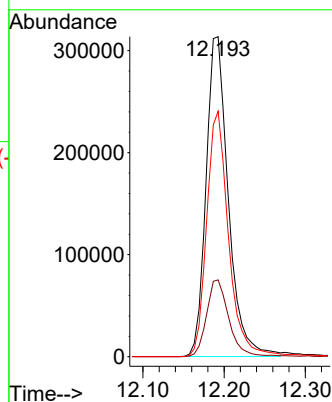
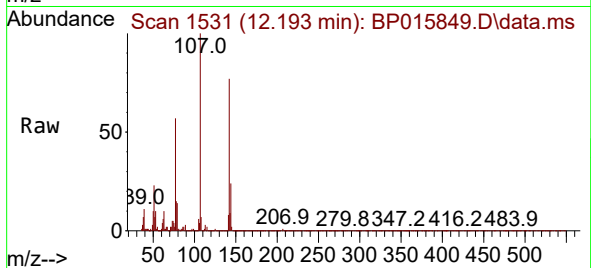




#35
4-Chloro-3-methylphenol
Concen: 37.601 ng/ul
RT: 12.193 min Scan# 1531
Delta R.T. 0.006 min
Lab File: BP015849.D
Acq: 30 Jun 2023 17:57

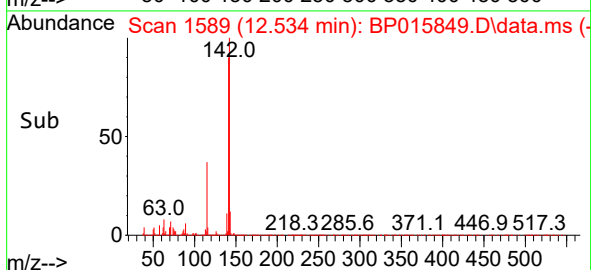
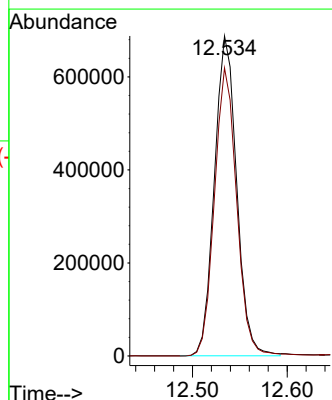
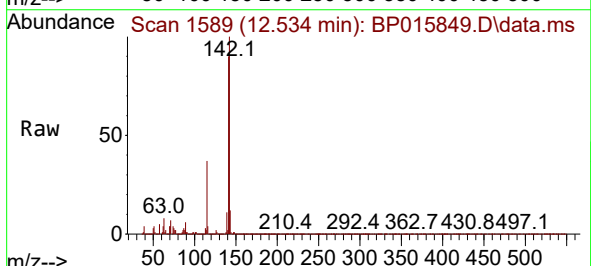
Instrument :
BNA_P
ClientSampleId :

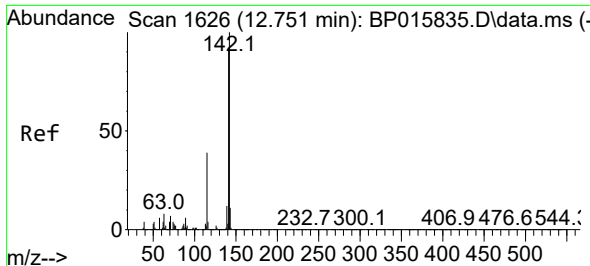
Tgt Ion:107 Resp: 598531
Ion Ratio Lower Upper
107 100
144 24.0 18.4 27.6
142 76.7 58.6 87.8



#36
2-Methylnaphthalene
Concen: 36.499 ng/ul
RT: 12.534 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BP015849.D
Acq: 30 Jun 2023 17:57

Tgt Ion:142 Resp: 1124040
Ion Ratio Lower Upper
142 100
141 90.0 73.2 109.8





#37

1-Methylnaphthalene

Concen: 36.682 ng/ul

RT: 12.751 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP015849.D

Acq: 30 Jun 2023 17:57

Instrument :

BNA_P

ClientSampleId :

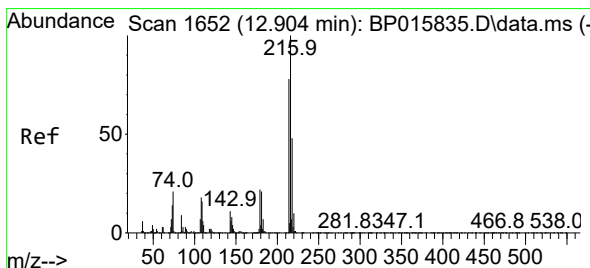
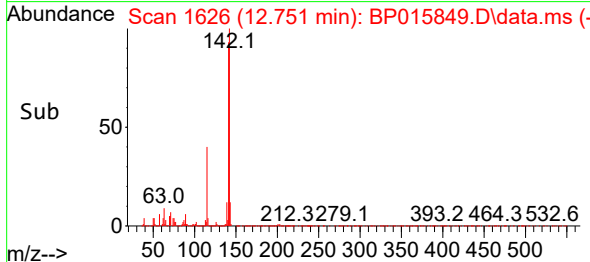
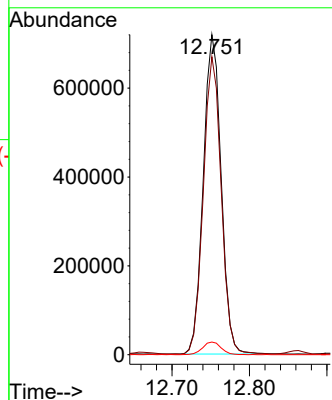
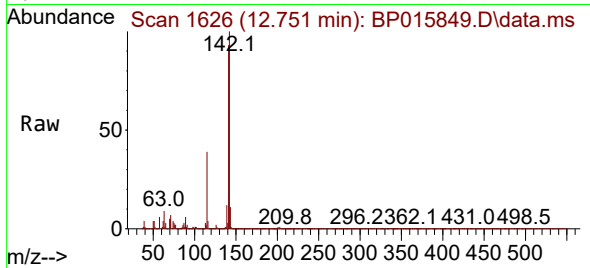
Tgt Ion:142 Resp: 1152425

Ion Ratio Lower Upper

142 100

141 93.1 73.1 109.7

116 4.0 4.0 6.0#



#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.280 ng/ul

RT: 12.904 min Scan# 1652

Delta R.T. 0.000 min

Lab File: BP015849.D

Acq: 30 Jun 2023 17:57

Tgt Ion:216 Resp: 589270

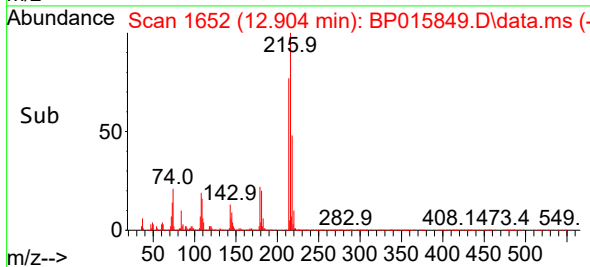
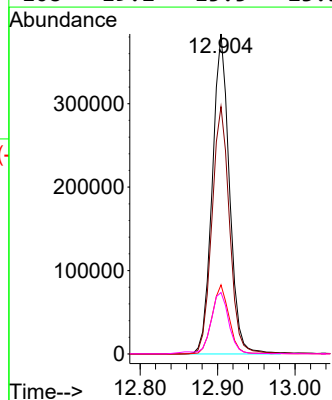
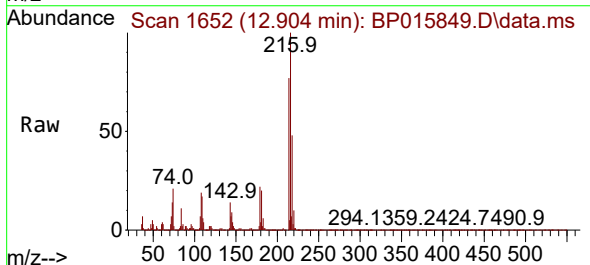
Ion Ratio Lower Upper

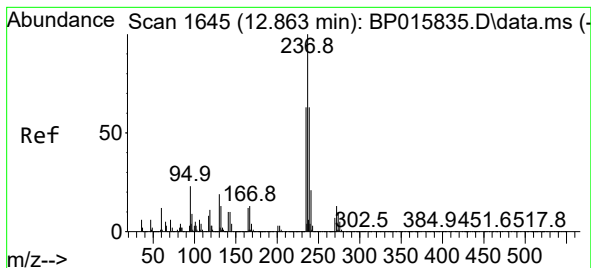
216 100

214 77.3 62.4 93.6

179 21.6 17.6 26.4

108 19.2 15.5 23.3





#40

Hexachlorocyclopentadiene

Concen: 17.961 ng/ul

RT: 12.863 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP015849.D

Acq: 30 Jun 2023 17:57

Instrument :

BNA_P

ClientSampleId :

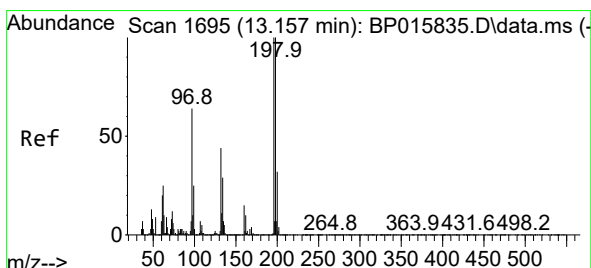
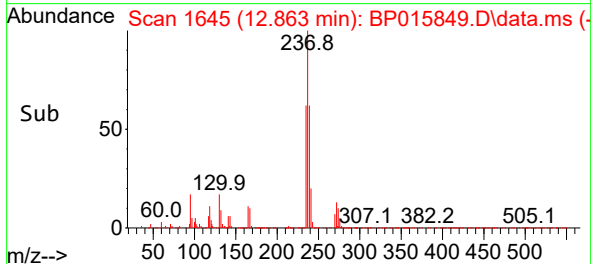
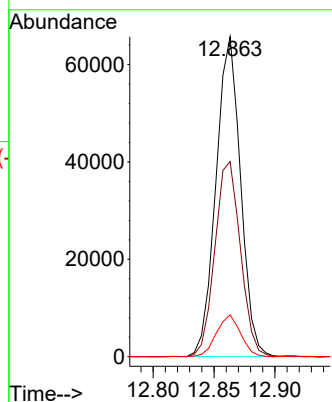
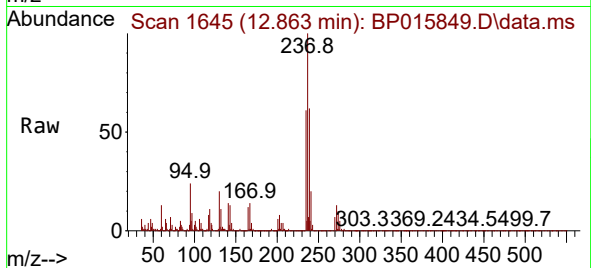
Tgt Ion:237 Resp: 92366

Ion Ratio Lower Upper

237 100

235 61.0 48.6 73.0

272 13.1 10.5 15.7



#41

2,4,6-Trichlorophenol

Concen: 35.308 ng/ul

RT: 13.157 min Scan# 1695

Delta R.T. 0.000 min

Lab File: BP015849.D

Acq: 30 Jun 2023 17:57

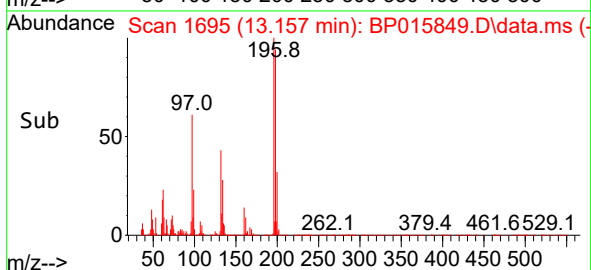
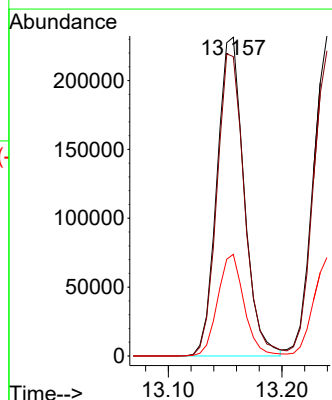
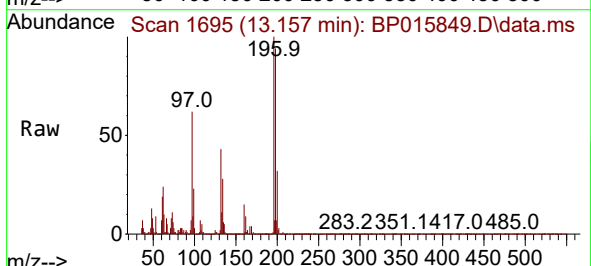
Tgt Ion:196 Resp: 383574

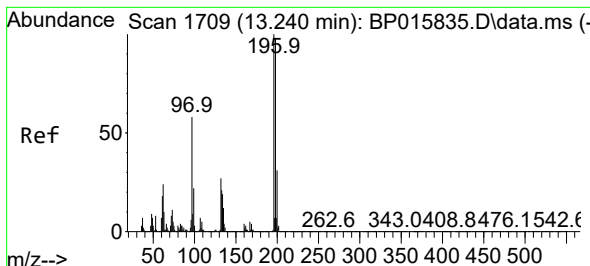
Ion Ratio Lower Upper

196 100

198 93.9 75.4 113.2

200 31.9 23.6 35.4





#42

2,4,5-Trichlorophenol

Concen: 37.544 ng/ul

RT: 13.240 min Scan# 1709

Delta R.T. 0.000 min

Lab File: BP015849.D

Acq: 30 Jun 2023 17:57

Instrument :

BNA_P

ClientSampleId :

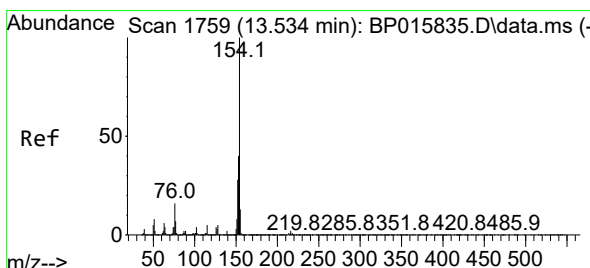
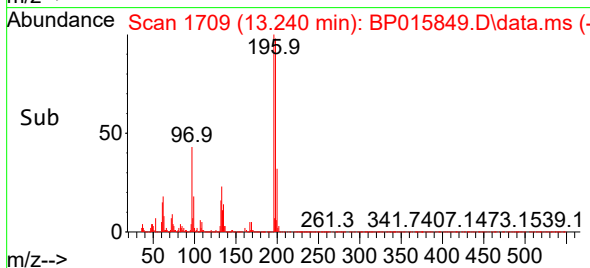
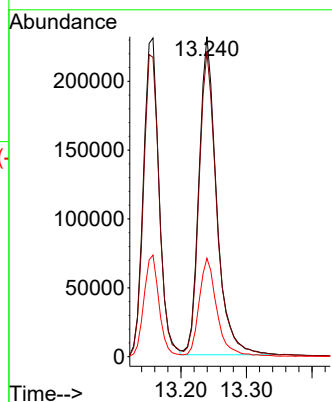
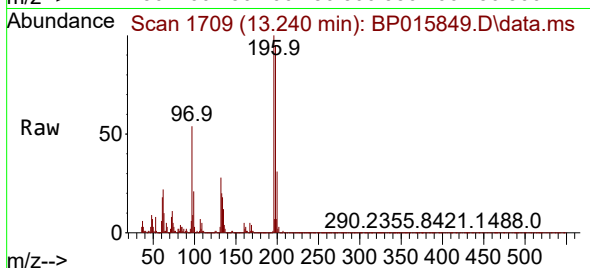
Tgt Ion:196 Resp: 432617

Ion Ratio Lower Upper

196 100

198 95.4 74.9 112.3

200 30.7 24.3 36.5



#43

1,1'-Biphenyl

Concen: 36.774 ng/ul

RT: 13.534 min Scan# 1759

Delta R.T. 0.000 min

Lab File: BP015849.D

Acq: 30 Jun 2023 17:57

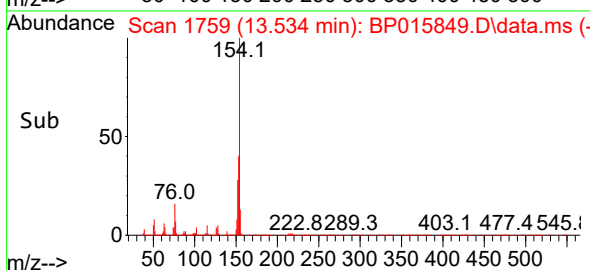
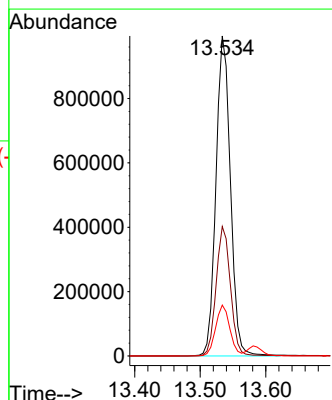
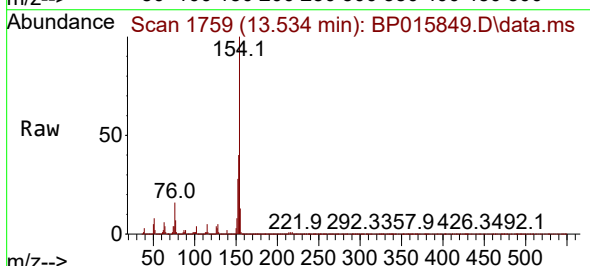
Tgt Ion:154 Resp: 1519426

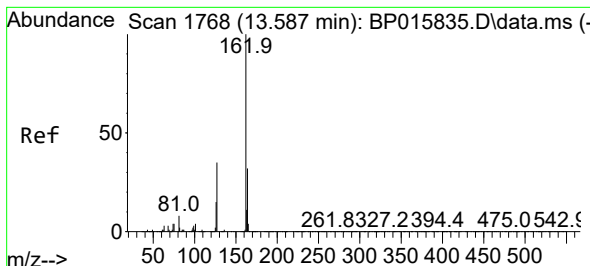
Ion Ratio Lower Upper

154 100

153 40.4 32.8 49.2

76 15.9 10.7 16.1





#44

2-Chloronaphthalene

Concen: 36.673 ng/ul

RT: 13.587 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP015849.D

Acq: 30 Jun 2023 17:57

Instrument :

BNA_P

ClientSampleId :

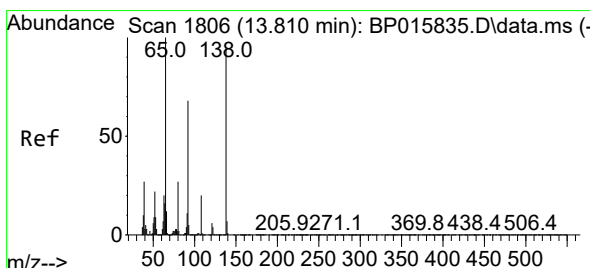
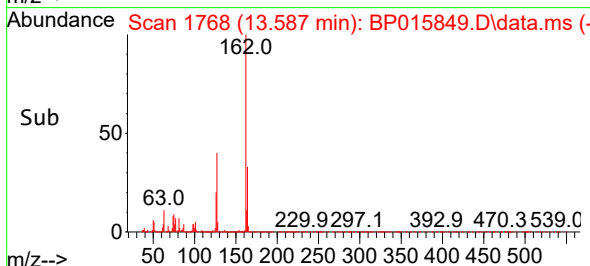
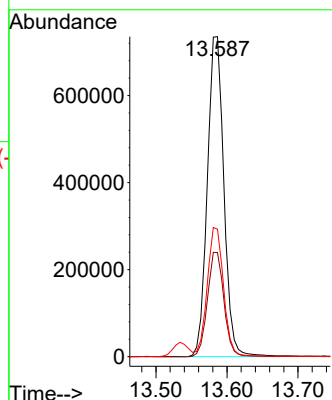
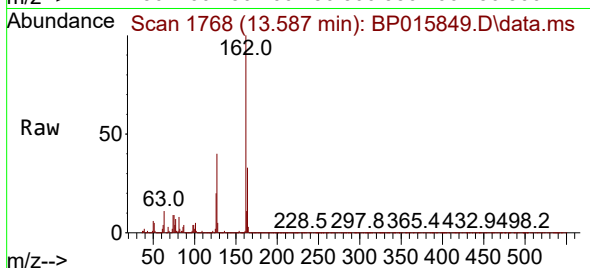
Tgt Ion:162 Resp: 1193674

Ion Ratio Lower Upper

162 100

164 32.6 26.1 39.1

127 39.8 33.4 50.0



#45

2-Nitroaniline

Concen: 41.497 ng/ul

RT: 13.810 min Scan# 1806

Delta R.T. 0.000 min

Lab File: BP015849.D

Acq: 30 Jun 2023 17:57

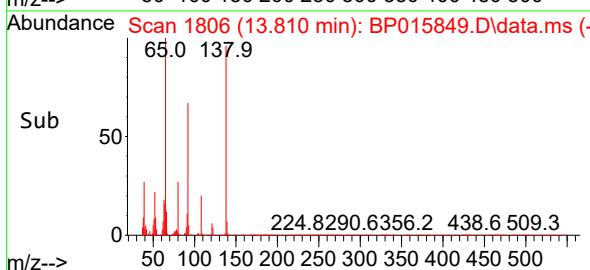
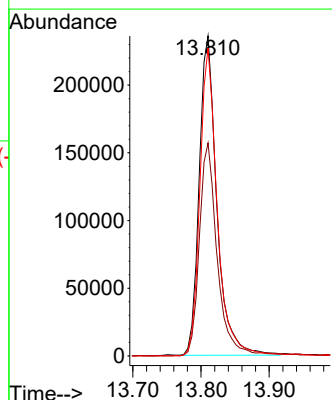
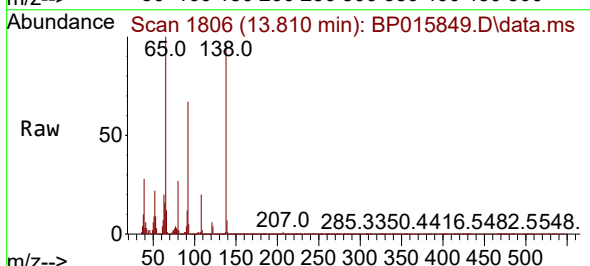
Tgt Ion: 65 Resp: 424990

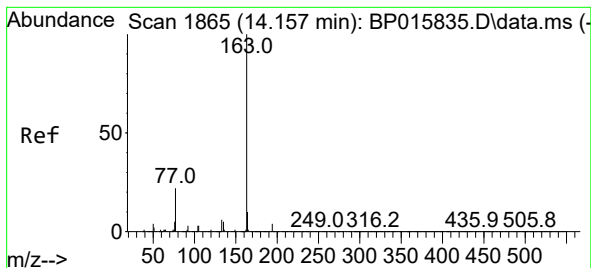
Ion Ratio Lower Upper

65 100

92 66.5 49.5 74.3

138 96.2 71.4 107.2





#47

Dimethylphthalate

Concen: 36.838 ng/ul

RT: 14.157 min Scan# 1865

Delta R.T. 0.000 min

Lab File: BP015849.D

Acq: 30 Jun 2023 17:57

Instrument :

BNA_P

ClientSampleId :

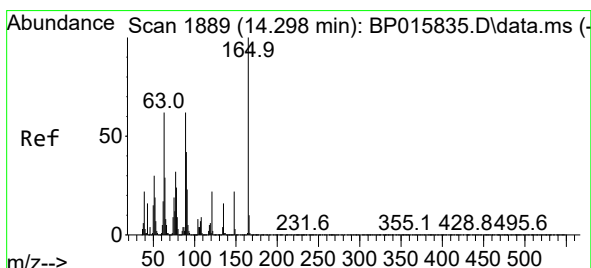
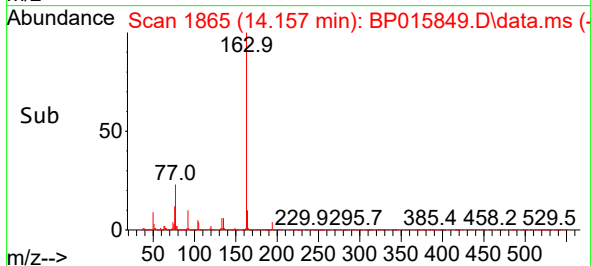
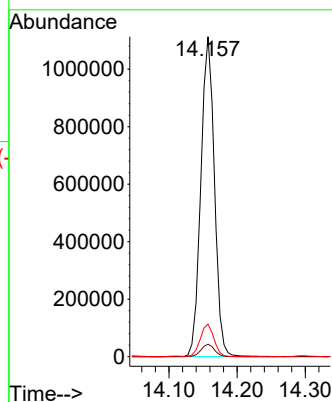
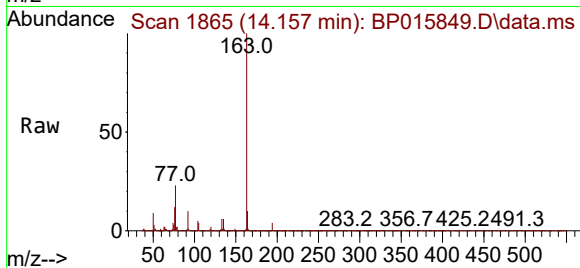
Tgt Ion:163 Resp: 1537107

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.2 7.7 11.5



#48

2,6-Dinitrotoluene

Concen: 38.685 ng/ul

RT: 14.298 min Scan# 1889

Delta R.T. 0.000 min

Lab File: BP015849.D

Acq: 30 Jun 2023 17:57

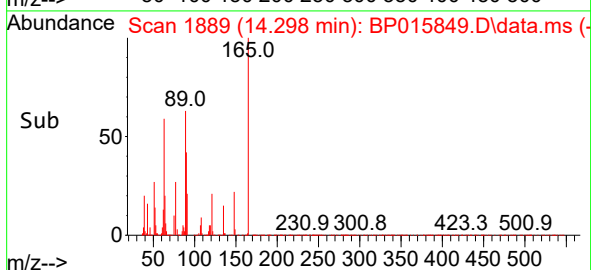
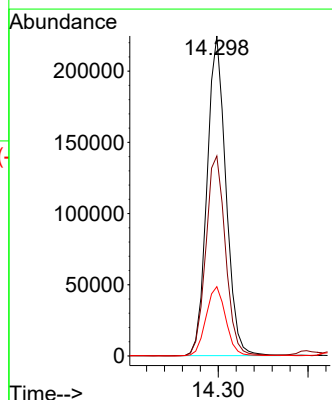
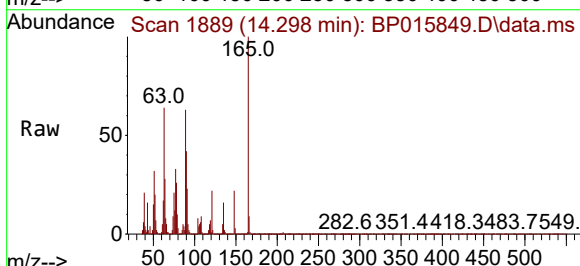
Tgt Ion:165 Resp: 327435

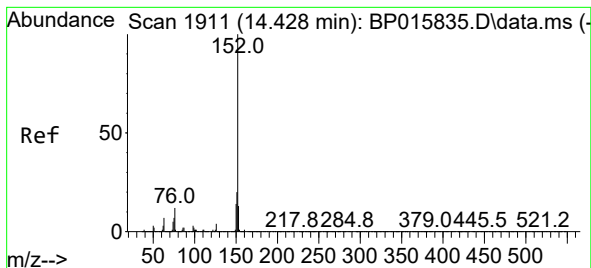
Ion Ratio Lower Upper

165 100

89 62.5 54.1 81.1

121 21.6 18.2 27.2





#50

Acenaphthylene

Concen: 38.026 ng/ul

RT: 14.428 min Scan# 1911

Delta R.T. 0.000 min

Lab File: BP015849.D

Acq: 30 Jun 2023 17:57

Instrument :

BNA_P

ClientSampleId :

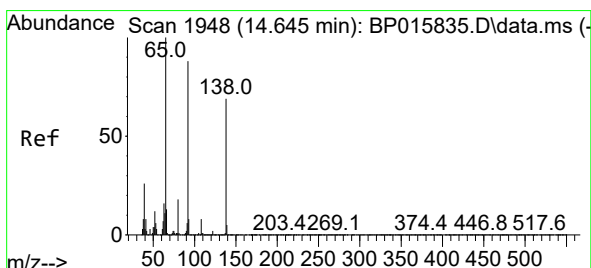
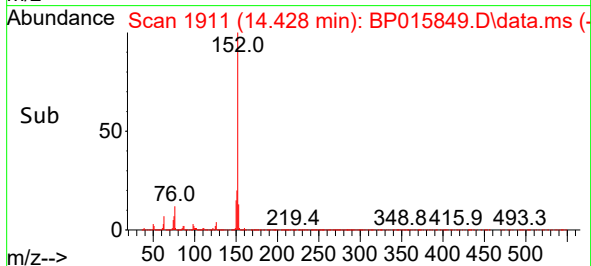
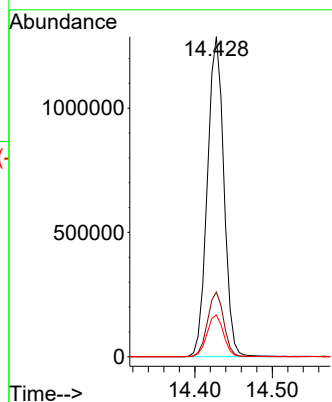
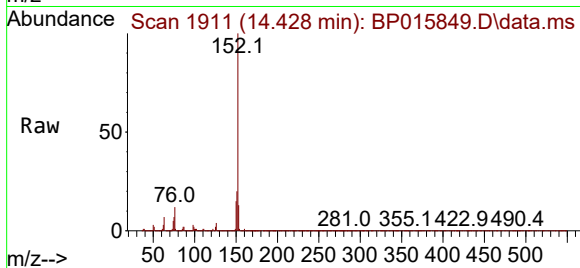
Tgt Ion:152 Resp: 1899063

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.2

153 13.1 10.5 15.7



#51

3-Nitroaniline

Concen: 50.614 ng/ul

RT: 14.640 min Scan# 1947

Delta R.T. -0.006 min

Lab File: BP015849.D

Acq: 30 Jun 2023 17:57

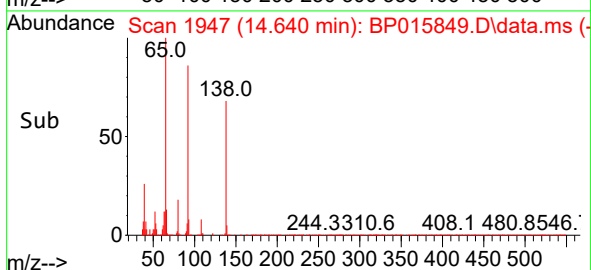
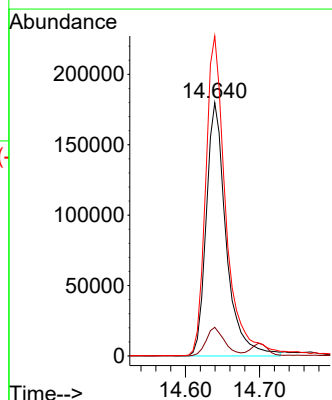
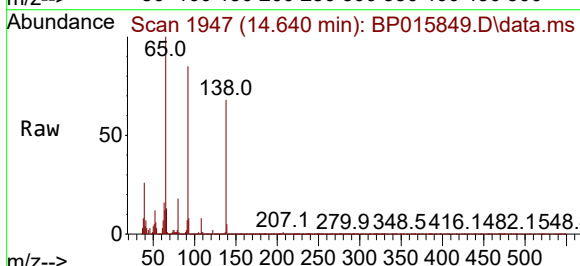
Tgt Ion:138 Resp: 335947

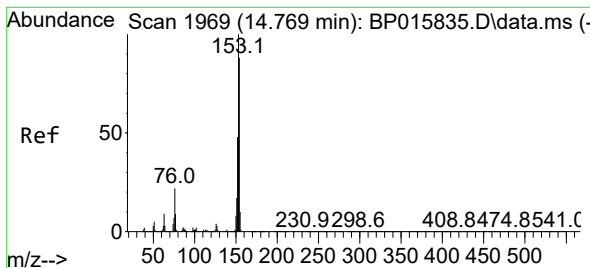
Ion Ratio Lower Upper

138 100

108 11.3 9.1 13.7

92 126.3 96.8 145.2





#52

Acenaphthene

Concen: 37.954 ng/ul

RT: 14.769 min Scan# 1969

Delta R.T. 0.000 min

Lab File: BP015849.D

Acq: 30 Jun 2023 17:57

Instrument :

BNA_P

ClientSampleId :

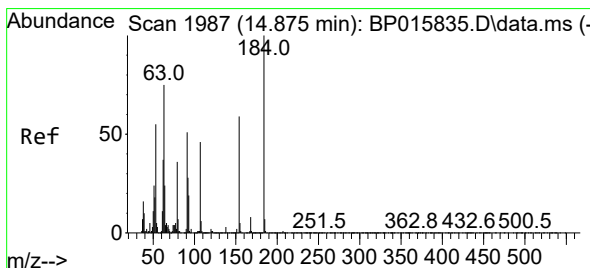
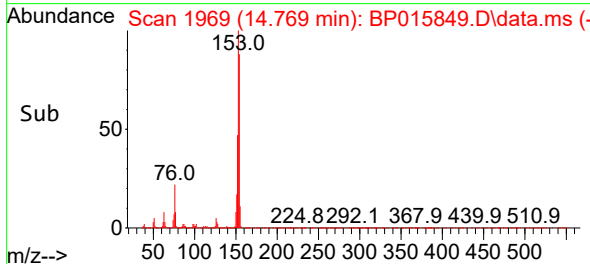
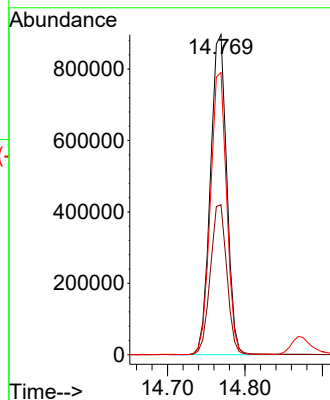
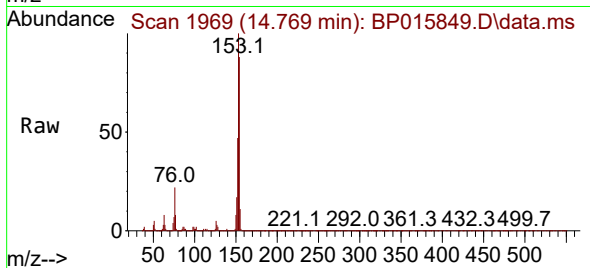
Tgt Ion:153 Resp: 1314371

Ion Ratio Lower Upper

153 100

152 46.8 39.4 59.2

154 88.1 71.4 107.2



#53

2,4-Dinitrophenol

Concen: 32.793 ng/ul

RT: 14.869 min Scan# 1986

Delta R.T. -0.006 min

Lab File: BP015849.D

Acq: 30 Jun 2023 17:57

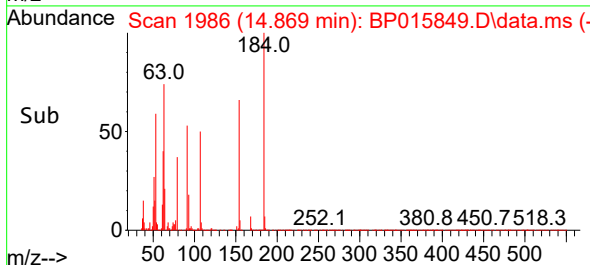
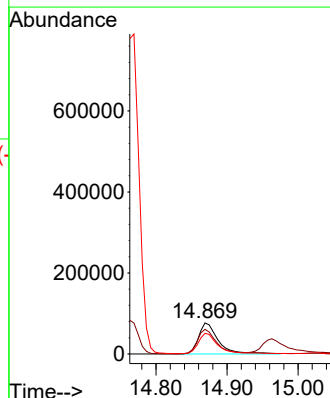
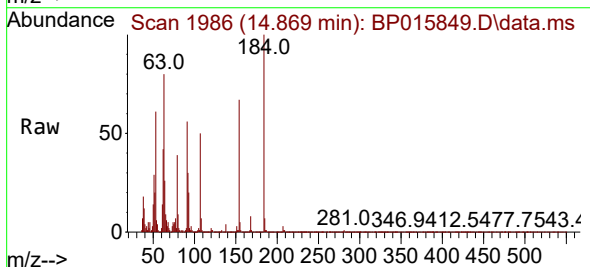
Tgt Ion:184 Resp: 147258

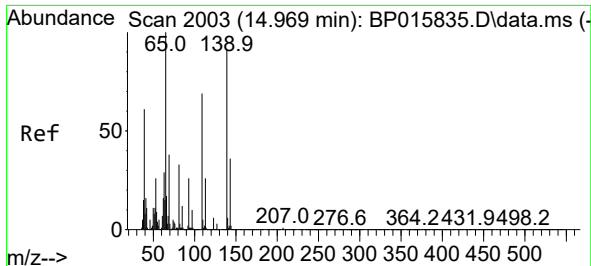
Ion Ratio Lower Upper

184 100

63 79.6 71.4 107.0

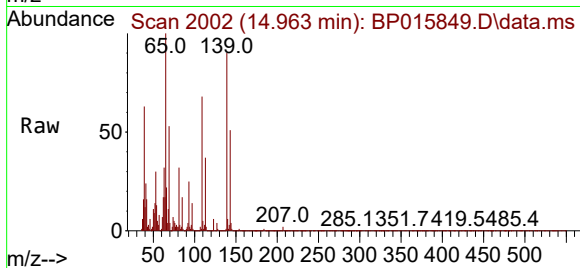
154 66.6 61.1 91.7



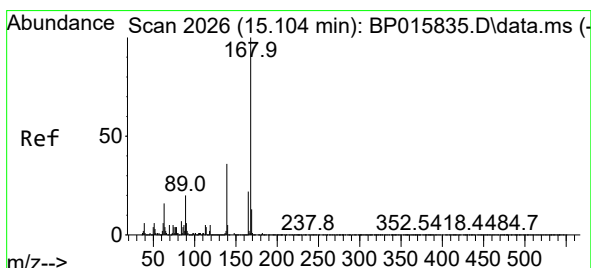
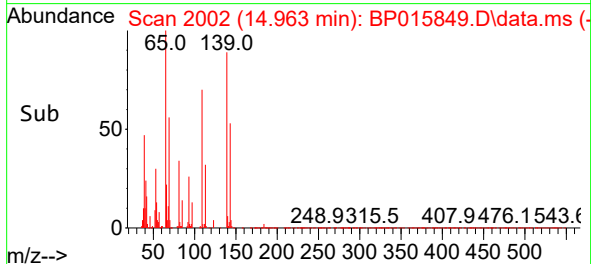
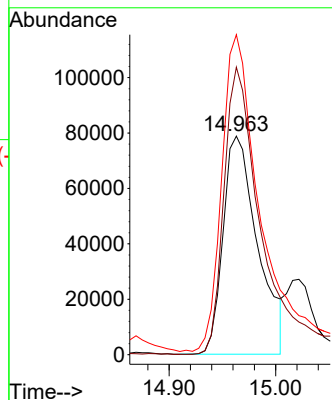


#55
4-Nitrophenol
Concen: 32.203 ng/ul
RT: 14.963 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BP015849.D
Acq: 30 Jun 2023 17:57

Instrument :
BNA_P
ClientSampleId :

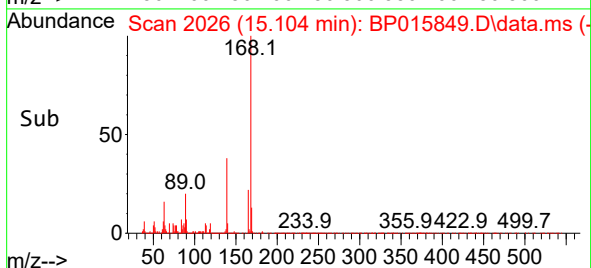
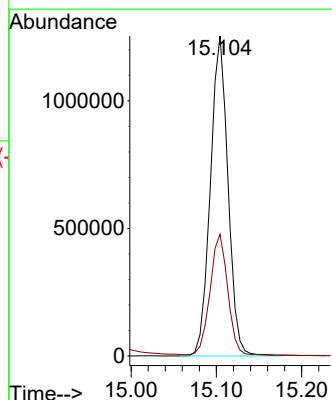
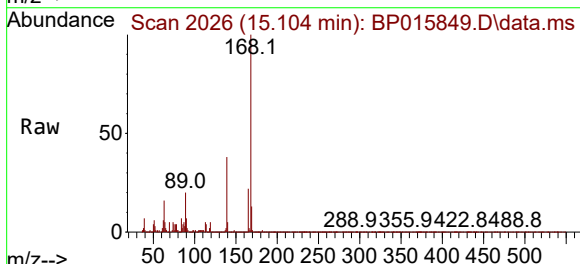


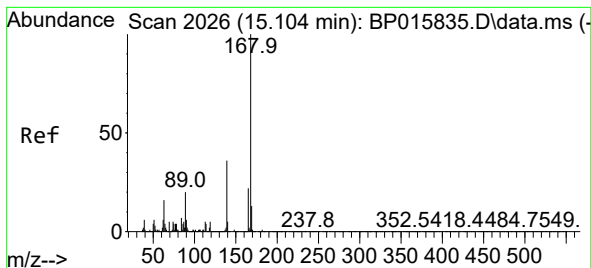
Tgt Ion:109 Resp: 177561
Ion Ratio Lower Upper
109 100
139 131.6 81.3 121.9#
65 146.4 99.9 149.9



#56
Dibenzofuran
Concen: 37.497 ng/ul
RT: 15.104 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BP015849.D
Acq: 30 Jun 2023 17:57

Tgt Ion:168 Resp: 1802653
Ion Ratio Lower Upper
168 100
139 38.0 32.2 48.4





#57

2,4-Dinitrotoluene

Concen: 40.125 ng/ul

RT: 15.098 min Scan# 20

Delta R.T. -0.006 min

Lab File: BP015849.D

Acq: 30 Jun 2023 17:57

Instrument :

BNA_P

ClientSampleId :

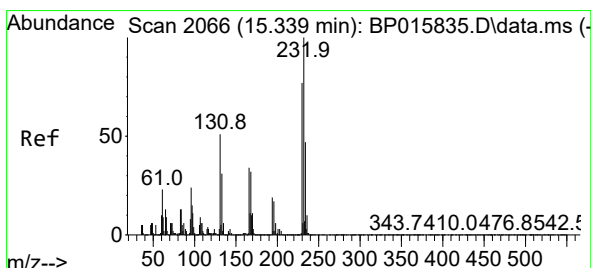
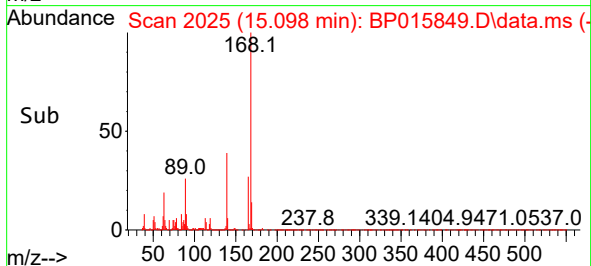
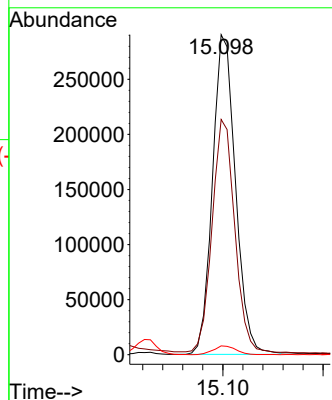
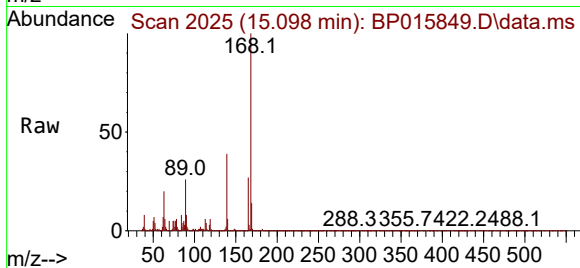
Tgt Ion:165 Resp: 462810

Ion Ratio Lower Upper

165 100

63 73.5 56.8 85.2

182 2.8 2.0 3.0



#58

2,3,4,6-Tetrachlorophenol

Concen: 34.469 ng/ul

RT: 15.339 min Scan# 2066

Delta R.T. 0.000 min

Lab File: BP015849.D

Acq: 30 Jun 2023 17:57

Tgt Ion:232 Resp: 341157

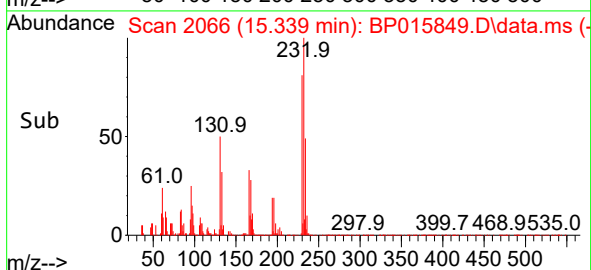
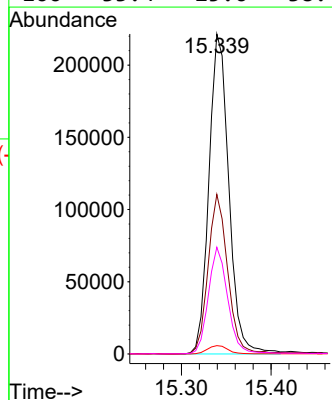
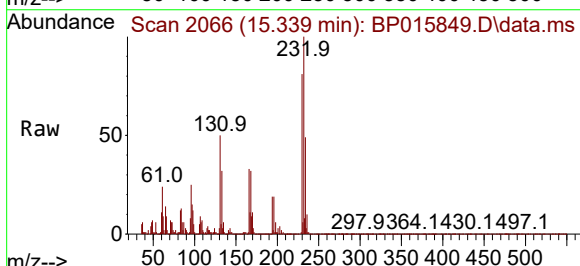
Ion Ratio Lower Upper

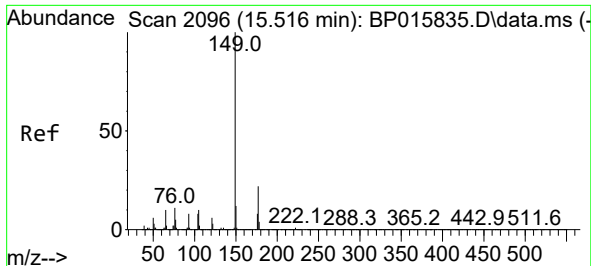
232 100

131 49.8 38.2 57.2

130 2.6 2.2 3.2

166 33.4 25.6 38.4





#59

Diethylphthalate

Concen: 38.050 ng/ul

RT: 15.510 min Scan# 2096

Delta R.T. -0.006 min

Lab File: BP015849.D

Acq: 30 Jun 2023 17:57

Instrument :

BNA_P

ClientSampleId :

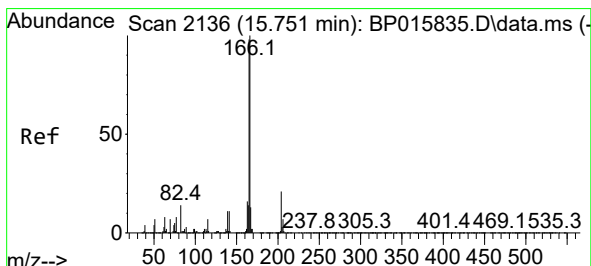
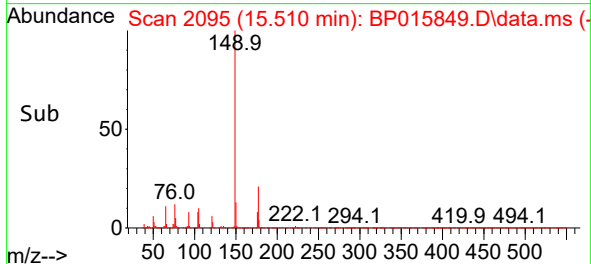
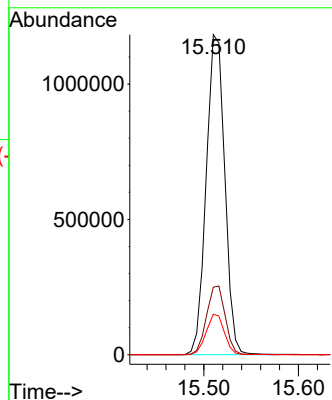
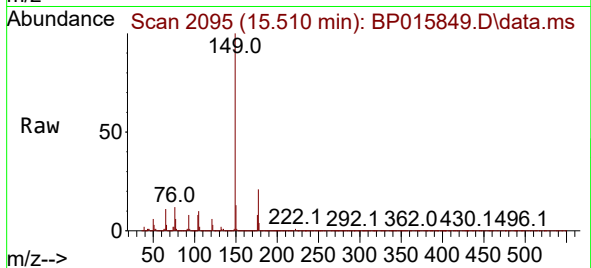
Tgt Ion:149 Resp: 1606706

Ion Ratio Lower Upper

149 100

177 21.1 16.8 25.2

150 12.6 10.3 15.5



#61

Fluorene

Concen: 38.057 ng/ul

RT: 15.751 min Scan# 2136

Delta R.T. 0.000 min

Lab File: BP015849.D

Acq: 30 Jun 2023 17:57

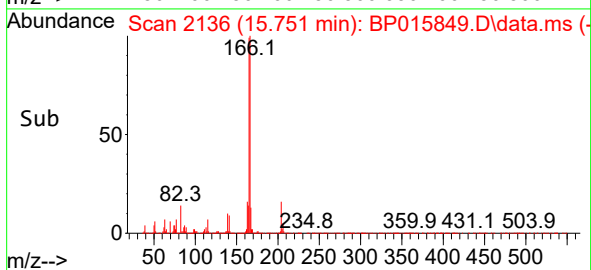
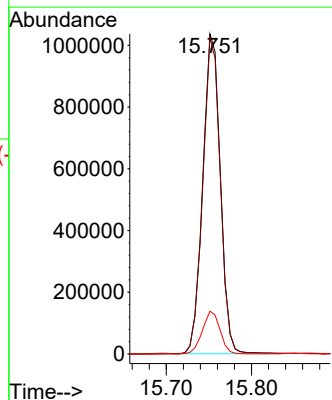
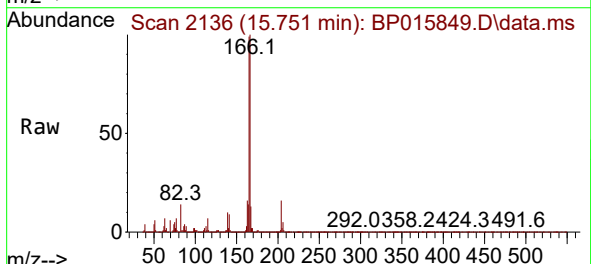
Tgt Ion:166 Resp: 1484006

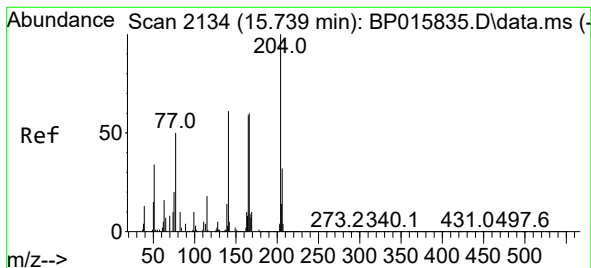
Ion Ratio Lower Upper

166 100

165 98.8 78.7 118.1

167 13.4 10.5 15.7

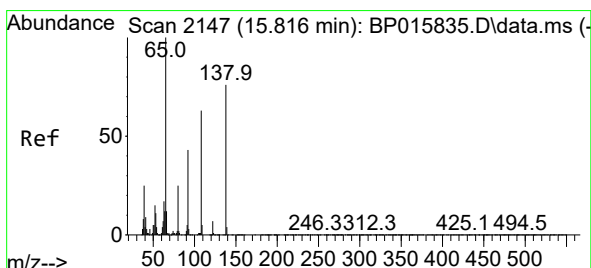
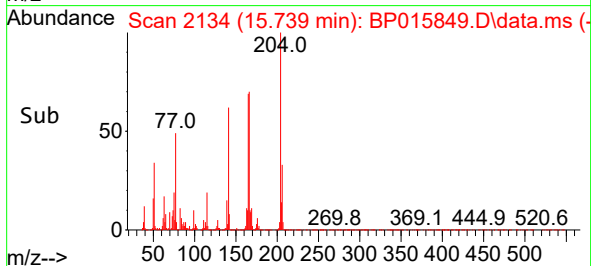
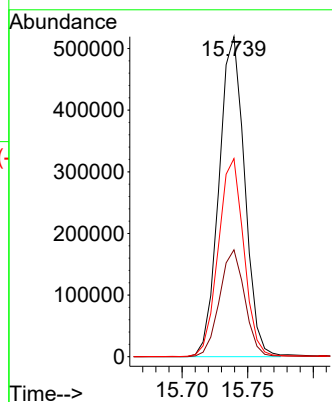
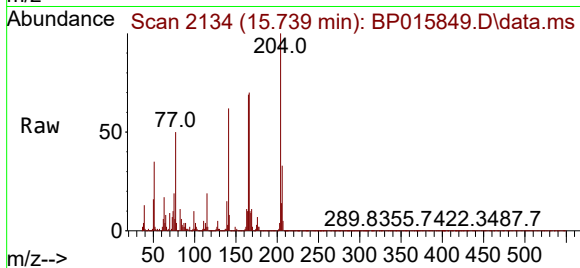




#62
4-Chlorophenyl-phenylether
Concen: 35.339 ng/ul
RT: 15.739 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BP015849.D
Acq: 30 Jun 2023 17:57

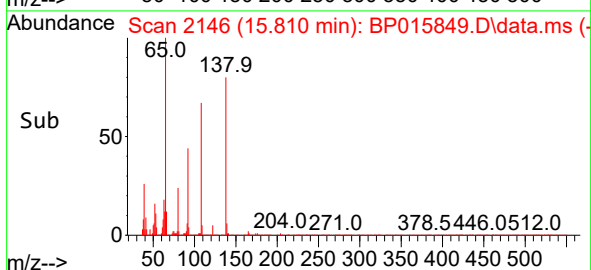
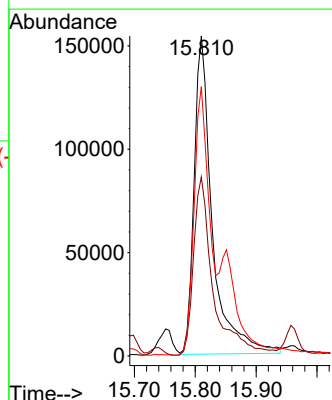
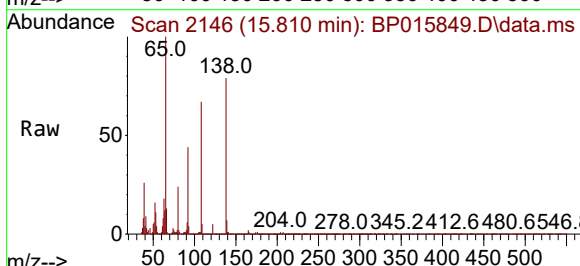
Instrument :
BNA_P
ClientSampleId :

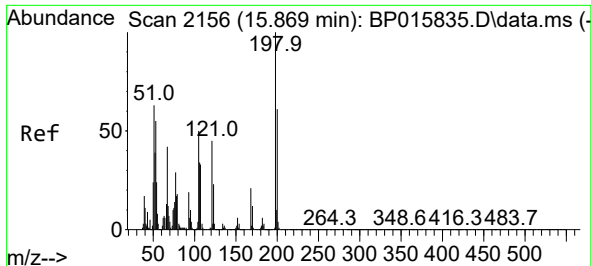
Tgt Ion:204 Resp: 705119
Ion Ratio Lower Upper
204 100
206 33.4 26.0 39.0
141 61.9 51.8 77.8



#63
4-Nitroaniline
Concen: 70.391 ng/ul
RT: 15.810 min Scan# 2146
Delta R.T. -0.006 min
Lab File: BP015849.D
Acq: 30 Jun 2023 17:57

Tgt Ion:138 Resp: 319771
Ion Ratio Lower Upper
138 100
92 56.0 50.1 75.1
108 84.2 85.5 128.3

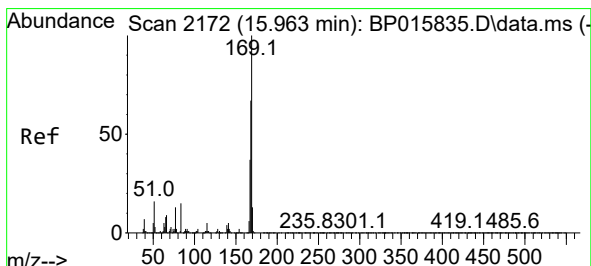
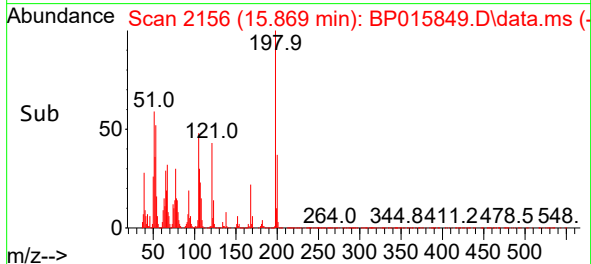
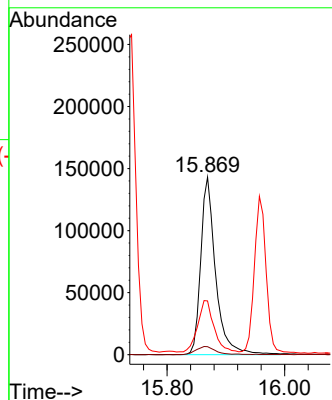
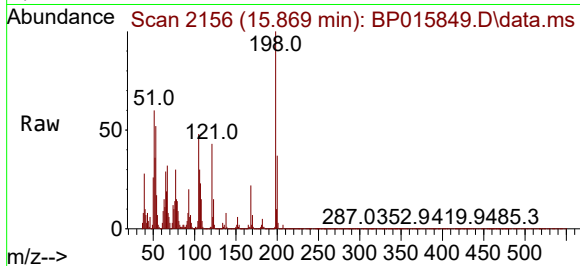




#66
4,6-Dinitro-2-methylphenol
Concen: 35.202 ng/ul
RT: 15.869 min Scan# 2156
Delta R.T. 0.000 min
Lab File: BP015849.D
Acq: 30 Jun 2023 17:57

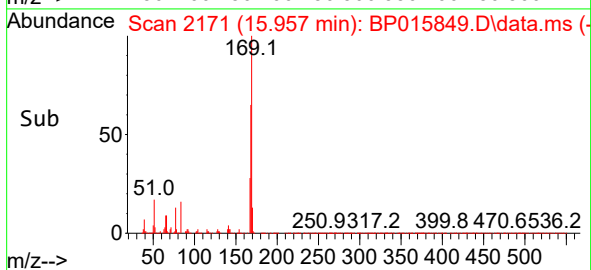
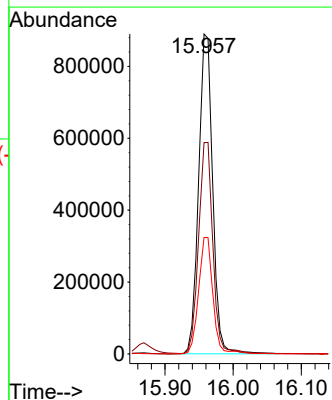
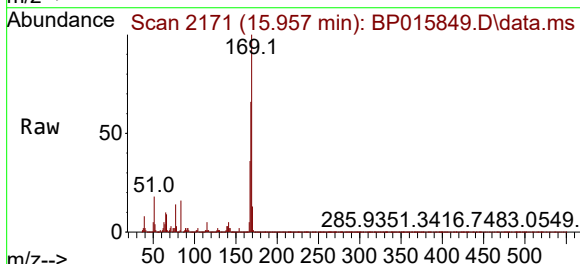
Instrument :
BNA_P
ClientSampleId :

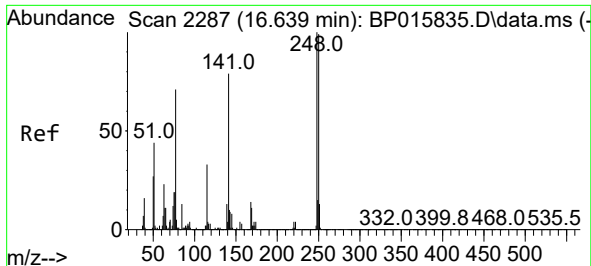
Tgt Ion:198 Resp: 251584
Ion Ratio Lower Upper
198 100
182 4.5 3.4 5.2
77 30.3 24.4 36.6



#67
N-Nitrosodiphenylamine
Concen: 37.036 ng/ul
RT: 15.957 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BP015849.D
Acq: 30 Jun 2023 17:57

Tgt Ion:169 Resp: 1273446
Ion Ratio Lower Upper
169 100
168 66.1 54.2 81.4
167 36.4 29.7 44.5

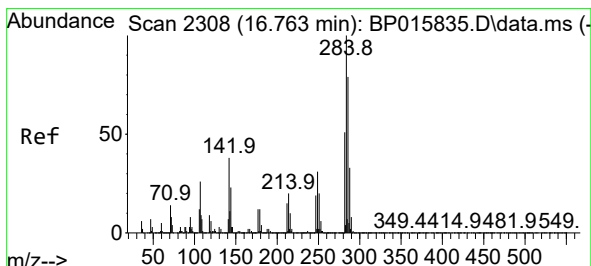
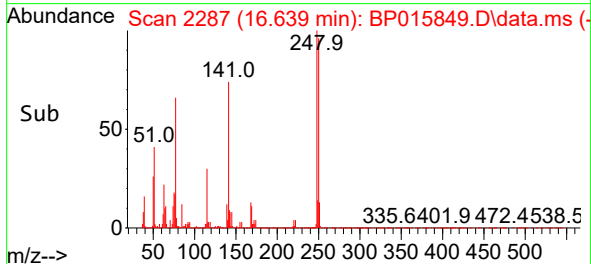
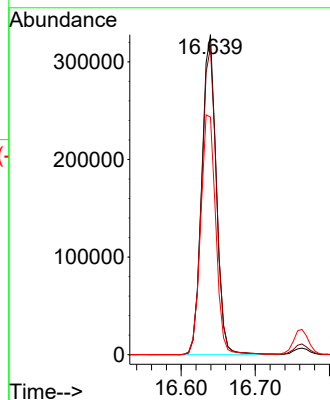
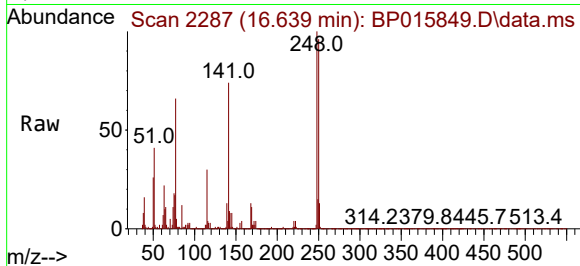




#68
4-Bromophenyl-phenylether
Concen: 33.952 ng/ul
RT: 16.639 min Scan# 2287
Delta R.T. 0.000 min
Lab File: BP015849.D
Acq: 30 Jun 2023 17:57

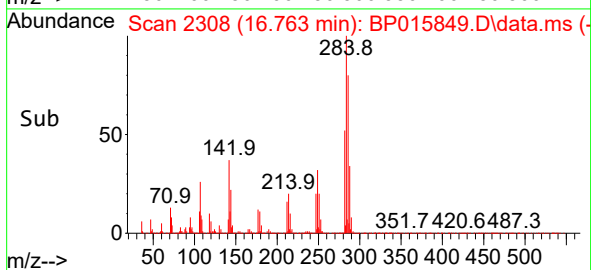
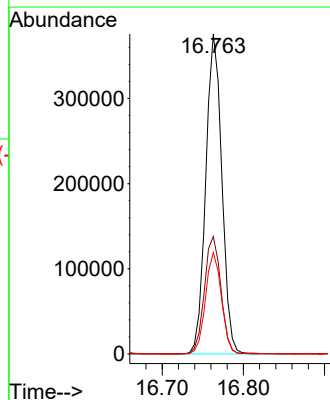
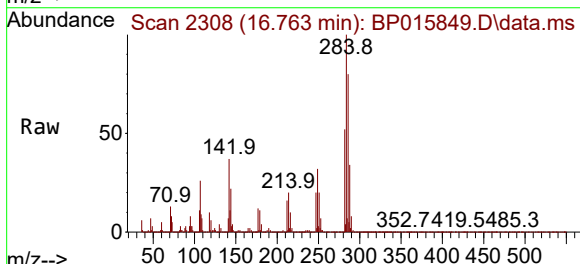
Instrument :
BNA_P
ClientSampleId :

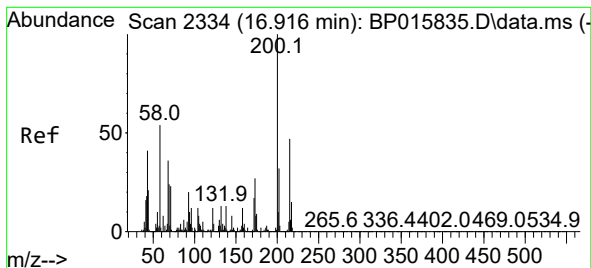
Tgt Ion:248 Resp: 445313
Ion Ratio Lower Upper
248 100
250 96.0 84.6 126.8
141 74.2 67.8 101.6



#69
Hexachlorobenzene
Concen: 33.352 ng/ul
RT: 16.763 min Scan# 2308
Delta R.T. 0.000 min
Lab File: BP015849.D
Acq: 30 Jun 2023 17:57

Tgt Ion:284 Resp: 516158
Ion Ratio Lower Upper
284 100
142 36.7 27.8 41.8
249 31.6 26.1 39.1





#70

Atrazine

Concen: 15.408 ng/ul

RT: 16.916 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP015849.D

Acq: 30 Jun 2023 17:57

Instrument :

BNA_P

ClientSampleId :

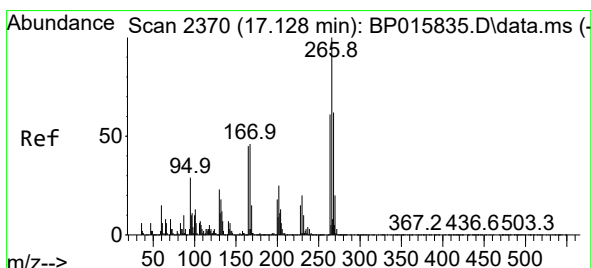
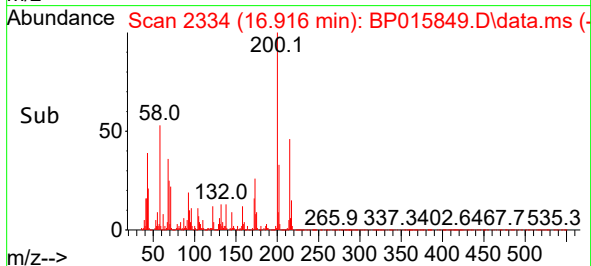
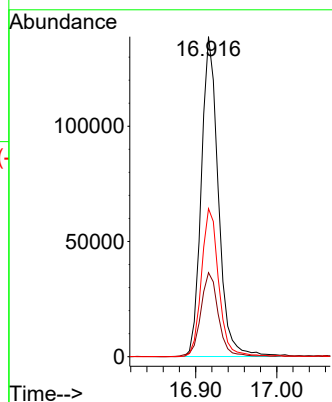
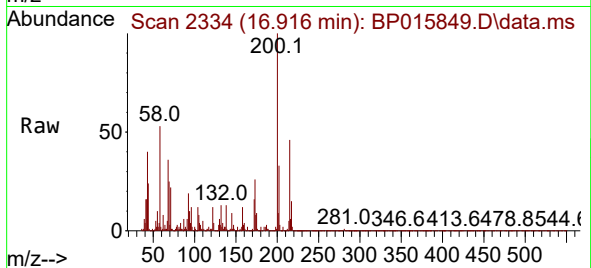
Tgt Ion:200 Resp: 202794

Ion Ratio Lower Upper

200 100

173 26.3 19.8 29.8

215 46.3 36.8 55.2



#71

Pentachlorophenol

Concen: 33.159 ng/ul

RT: 17.122 min Scan# 2369

Delta R.T. -0.006 min

Lab File: BP015849.D

Acq: 30 Jun 2023 17:57

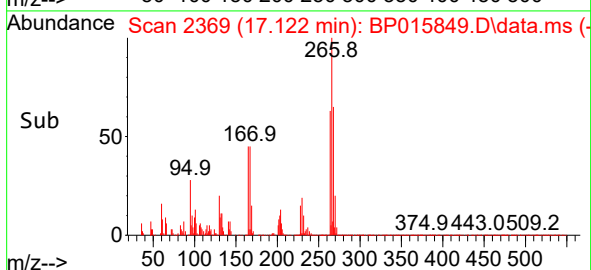
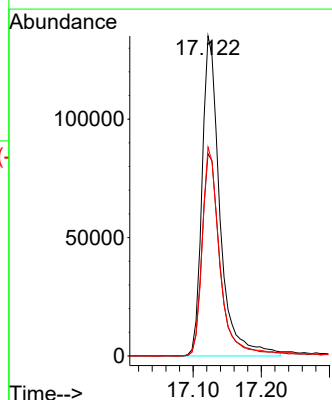
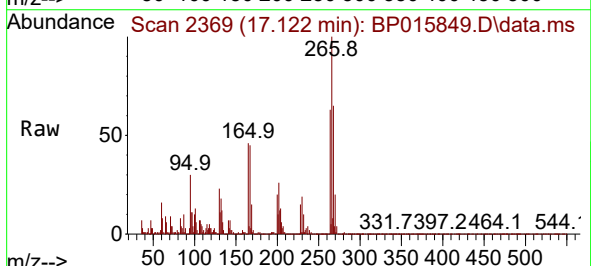
Tgt Ion:266 Resp: 246297

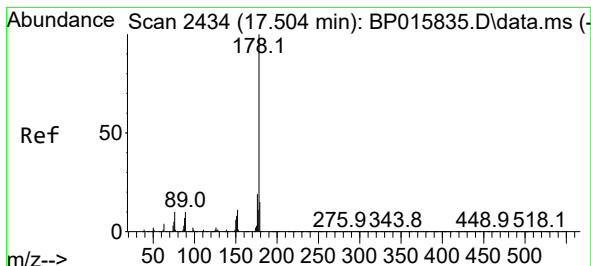
Ion Ratio Lower Upper

266 100

264 63.2 53.4 80.2

268 65.3 51.4 77.2





#72

Phenanthrene

Concen: 38.005 ng/ul

RT: 17.504 min Scan# 2434

Delta R.T. 0.000 min

Lab File: BP015849.D

Acq: 30 Jun 2023 17:57

Instrument :

BNA_P

ClientSampleId :

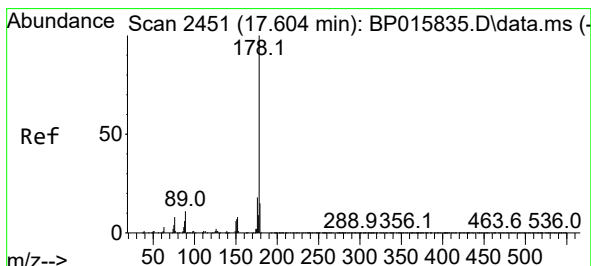
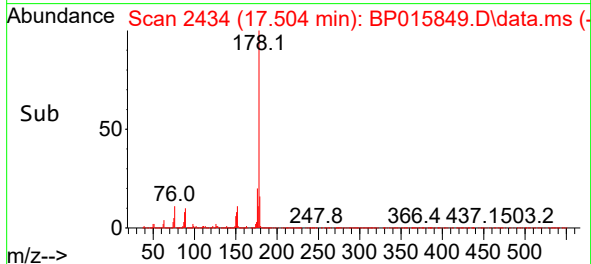
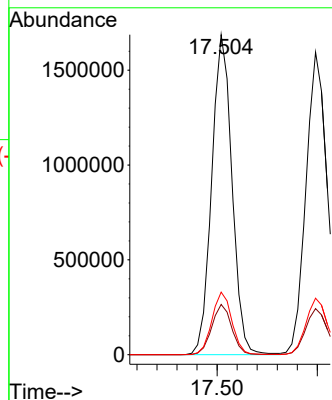
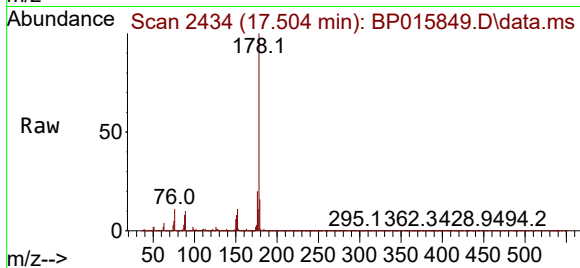
Tgt Ion:178 Resp: 2371434

Ion Ratio Lower Upper

178 100

179 15.7 12.4 18.6

176 19.5 15.6 23.4



#74

Anthracene

Concen: 38.439 ng/ul

RT: 17.598 min Scan# 2450

Delta R.T. -0.006 min

Lab File: BP015849.D

Acq: 30 Jun 2023 17:57

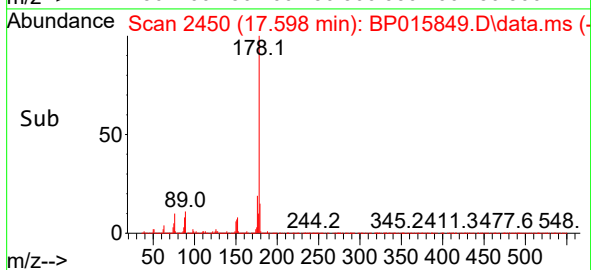
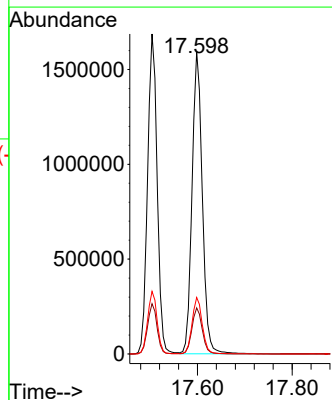
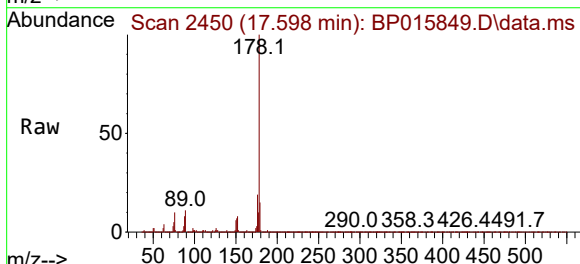
Tgt Ion:178 Resp: 2410065

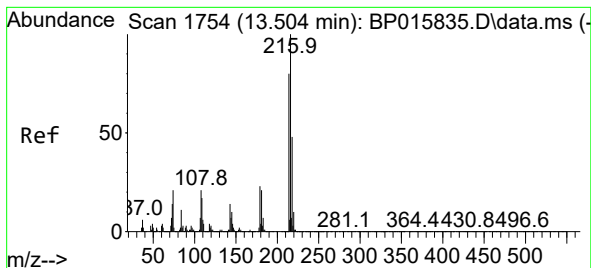
Ion Ratio Lower Upper

178 100

179 15.2 12.1 18.1

176 18.7 14.6 22.0

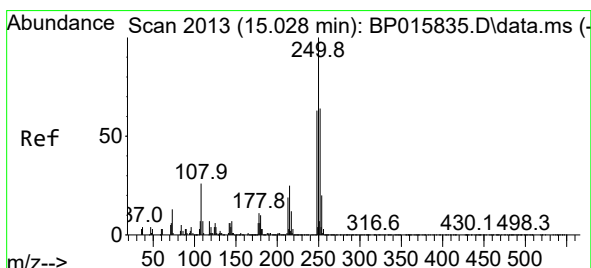
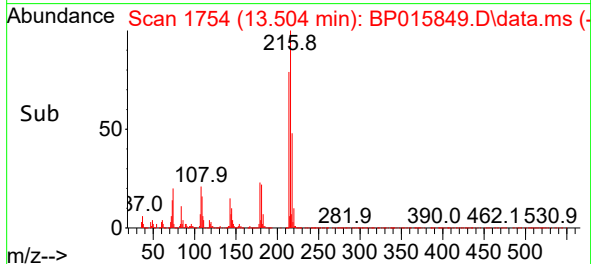
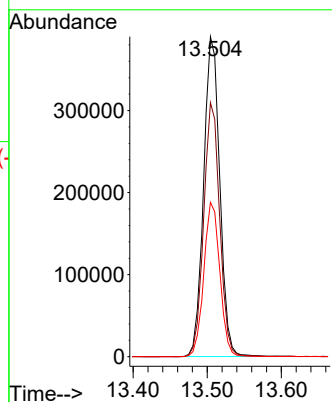
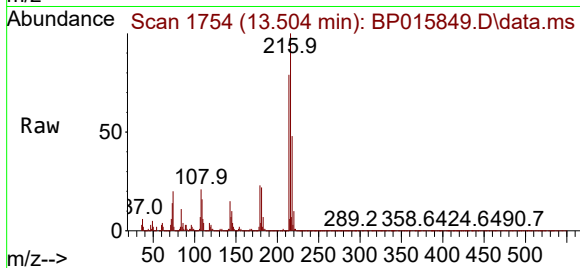




#75
1,2,3,4-Tetrachlorobenzene
Concen: 31.724 ng/uL
RT: 13.504 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP015849.D
Acq: 30 Jun 2023 17:57

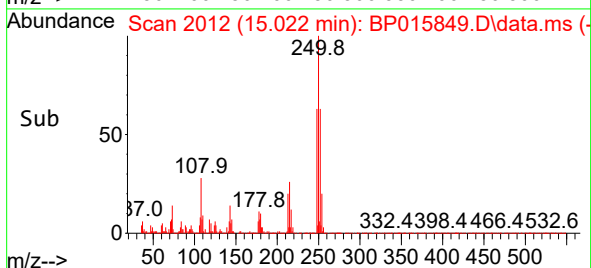
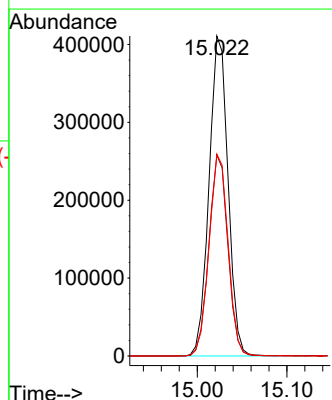
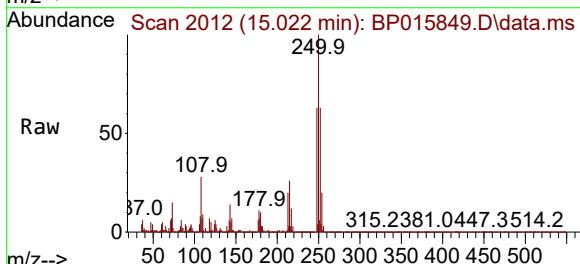
Instrument :
BNA_P
ClientSampleId :

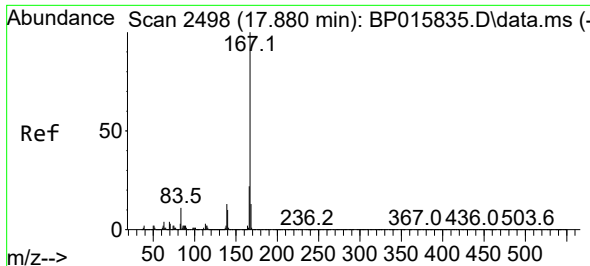
Tgt Ion:216 Resp: 592910
Ion Ratio Lower Upper
216 100
214 79.4 62.0 93.0
218 48.3 38.4 57.6



#76
Pentachlorobenzene
Concen: 31.939 ng/uL
RT: 15.022 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BP015849.D
Acq: 30 Jun 2023 17:57

Tgt Ion:250 Resp: 602459
Ion Ratio Lower Upper
250 100
248 62.8 50.7 76.1
252 63.1 51.2 76.8

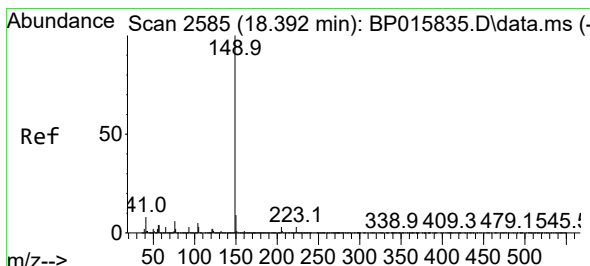
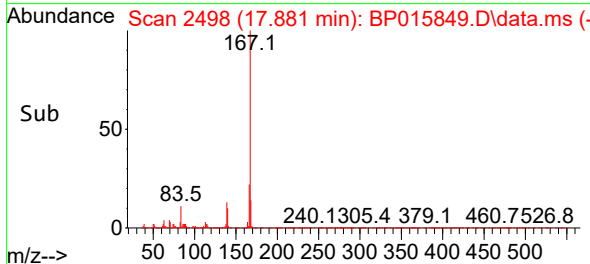
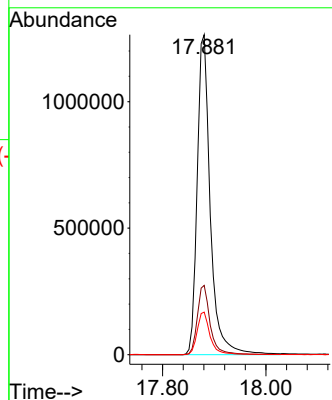
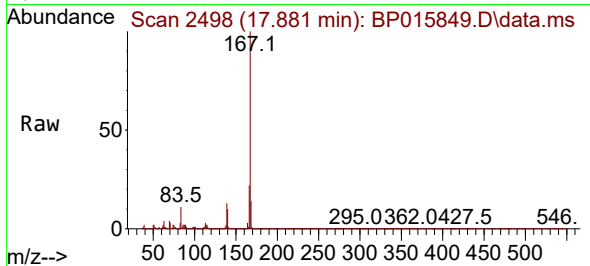




#77
 Carbazole
 Concen: 42.029 ng/ul
 RT: 17.881 min Scan# 2498
 Delta R.T. 0.000 min
 Lab File: BP015849.D
 Acq: 30 Jun 2023 17:57

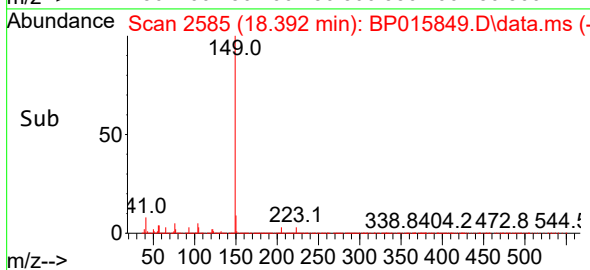
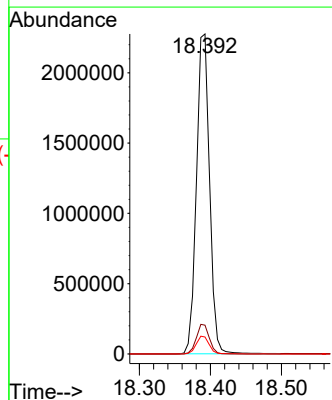
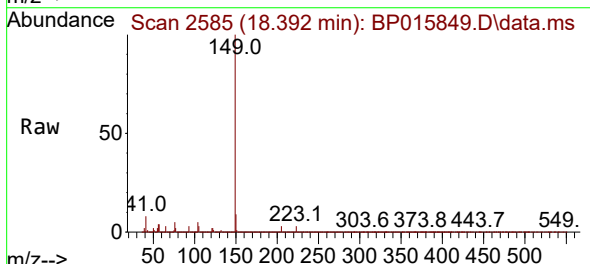
Instrument :
 BNA_P
 ClientSampleId :

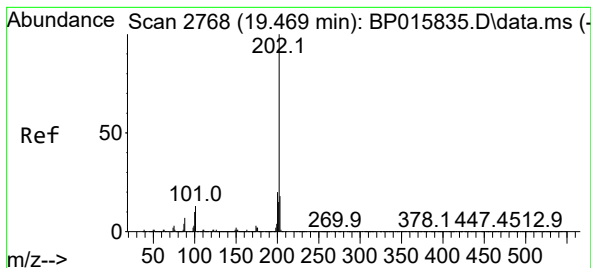
Tgt Ion:167 Resp: 2221019
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.0
 139 13.3 11.0 16.4



#78
 Di-n-butylphthalate
 Concen: 41.704 ng/ul
 RT: 18.392 min Scan# 2585
 Delta R.T. 0.000 min
 Lab File: BP015849.D
 Acq: 30 Jun 2023 17:57

Tgt Ion:149 Resp: 2921747
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.5 11.3
 104 5.3 4.6 7.0





#80

Fluoranthene

Concen: 38.943 ng/ul

RT: 19.469 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP015849.D

Acq: 30 Jun 2023 17:57

Instrument :

BNA_P

ClientSampleId :

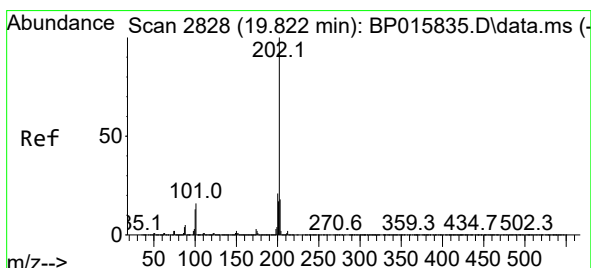
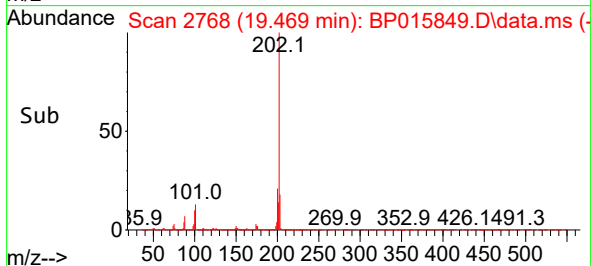
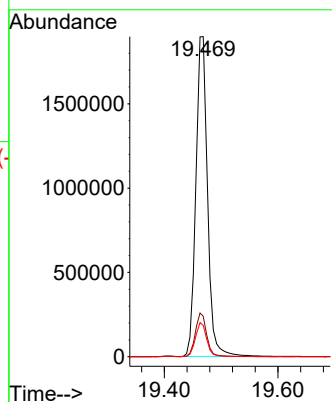
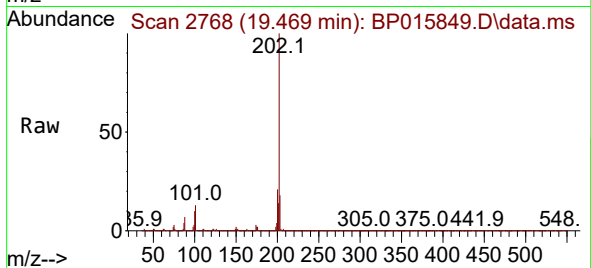
Tgt Ion:202 Resp: 2721922

Ion Ratio Lower Upper

202 100

101 12.7 8.3 12.5#

100 9.8 6.6 9.8



#82

Pyrene

Concen: 38.637 ng/ul

RT: 19.822 min Scan# 2828

Delta R.T. 0.000 min

Lab File: BP015849.D

Acq: 30 Jun 2023 17:57

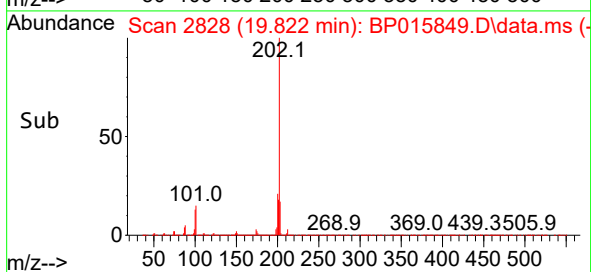
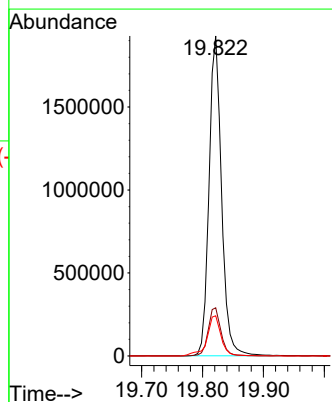
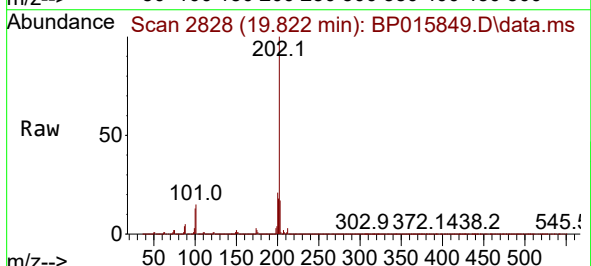
Tgt Ion:202 Resp: 2754767

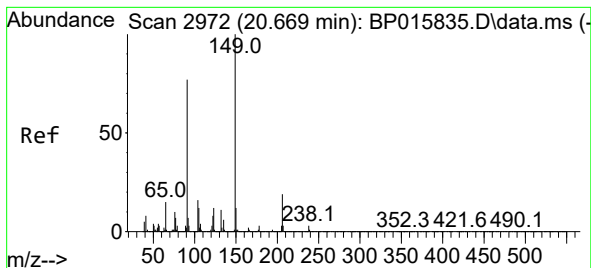
Ion Ratio Lower Upper

202 100

101 15.1 9.3 13.9#

100 12.5 7.6 11.4#





#83

Butylbenzylphthalate

Concen: 45.613 ng/ul

RT: 20.663 min Scan# 2972

Delta R.T. -0.006 min

Lab File: BP015849.D

Acq: 30 Jun 2023 17:57

Instrument :

BNA_P

ClientSampleId :

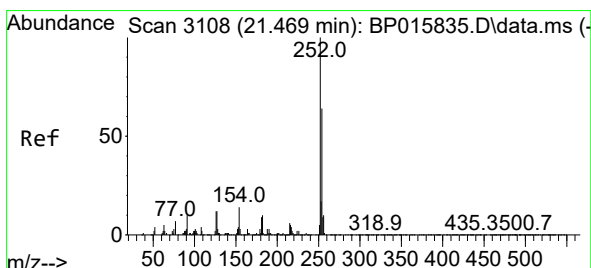
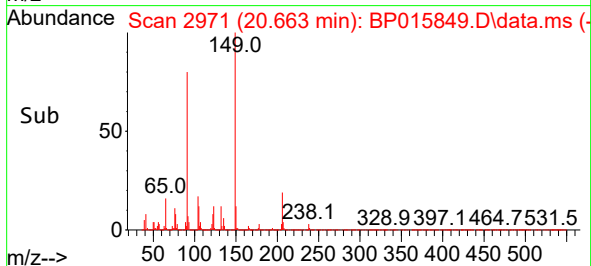
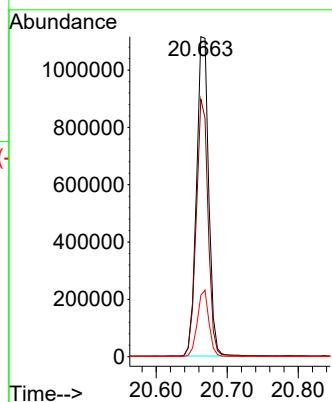
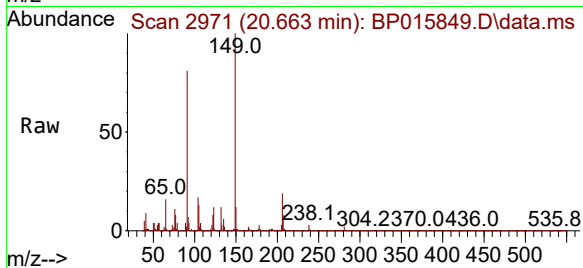
Tgt Ion:149 Resp: 1326782

Ion Ratio Lower Upper

149 100

91 80.5 59.8 89.6

206 19.2 16.4 24.6



#84

3,3'-Dichlorobenzidine

Concen: 41.491 ng/ul

RT: 21.463 min Scan# 3107

Delta R.T. -0.006 min

Lab File: BP015849.D

Acq: 30 Jun 2023 17:57

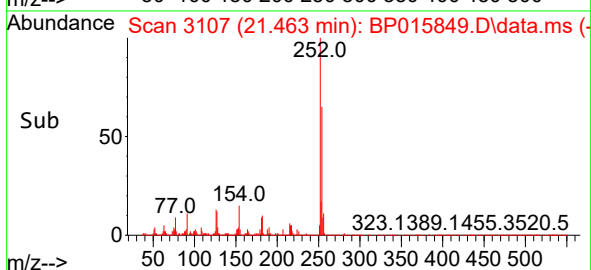
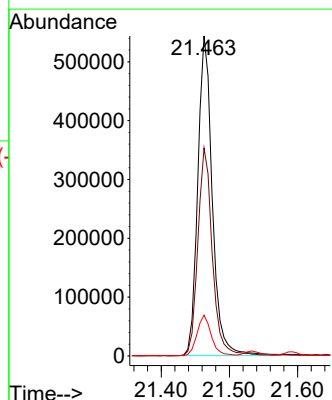
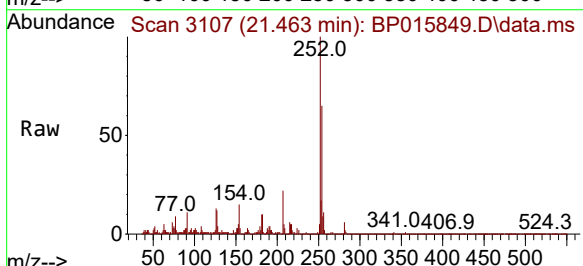
Tgt Ion:252 Resp: 807822

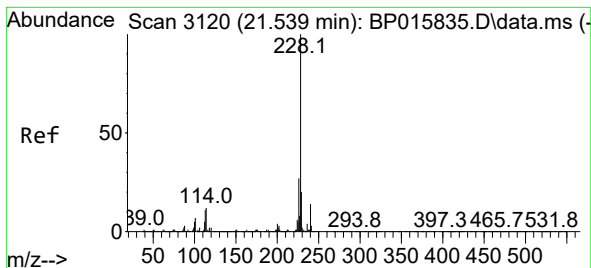
Ion Ratio Lower Upper

252 100

254 64.9 51.0 76.6

126 12.8 8.6 13.0





#85

Benzo(a)anthracene

Concen: 38.801 ng/ul

RT: 21.533 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP015849.D

Acq: 30 Jun 2023 17:57

Instrument :

BNA_P

ClientSampleId :

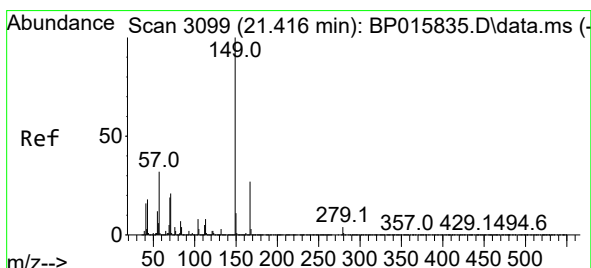
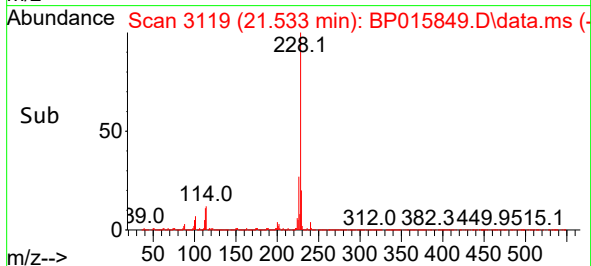
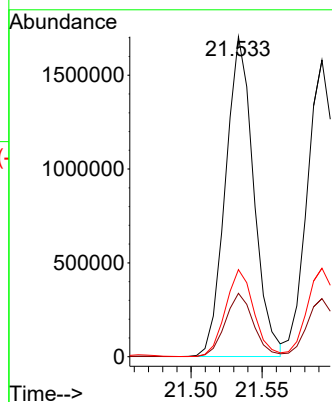
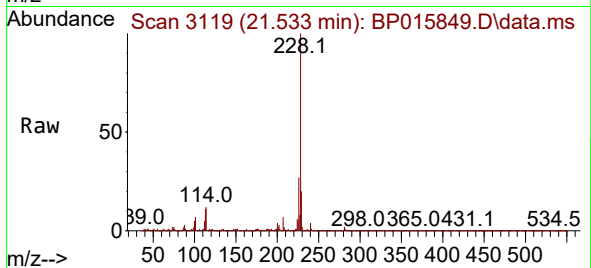
Tgt Ion:228 Resp: 2350852

Ion Ratio Lower Upper

228 100

229 19.8 15.3 22.9

226 27.2 21.4 32.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 47.797 ng/ul

RT: 21.416 min Scan# 3099

Delta R.T. 0.000 min

Lab File: BP015849.D

Acq: 30 Jun 2023 17:57

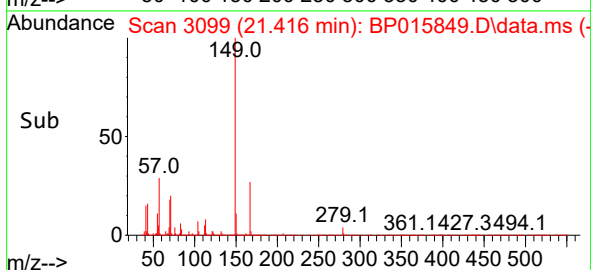
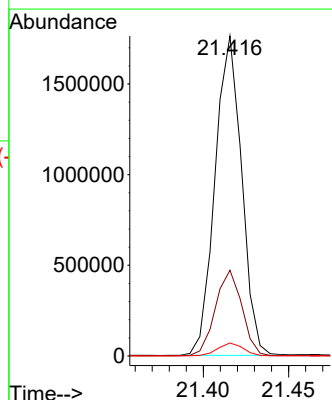
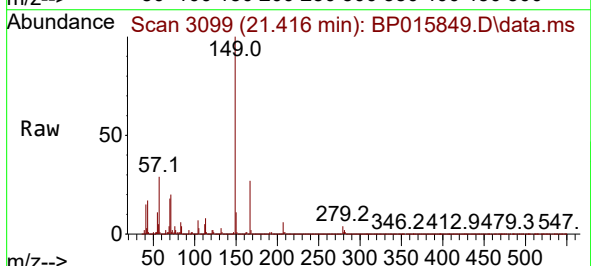
Tgt Ion:149 Resp: 1910682

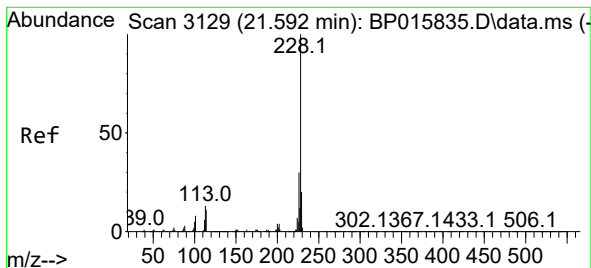
Ion Ratio Lower Upper

149 100

167 26.8 21.0 31.6

279 4.0 3.8 5.6





#87

Chrysene

Concen: 39.288 ng/ul

RT: 21.592 min Scan# 3129

Delta R.T. 0.000 min

Lab File: BP015849.D

Acq: 30 Jun 2023 17:57

Instrument :

BNA_P

ClientSampleId :

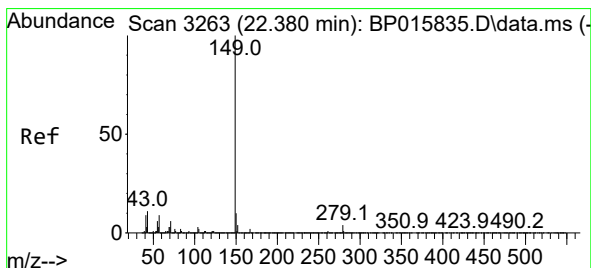
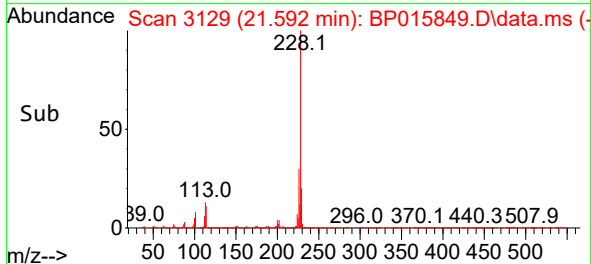
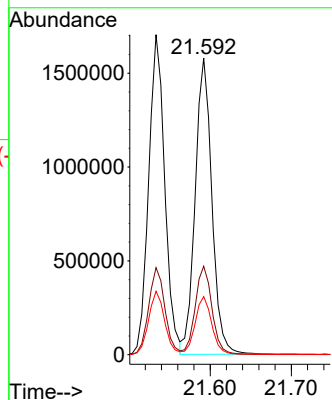
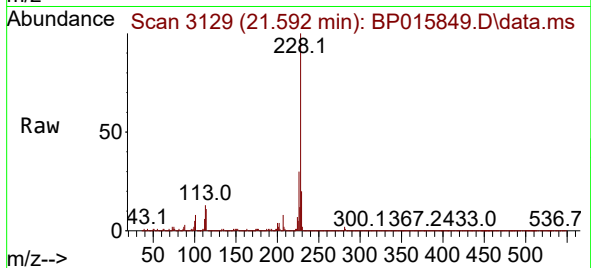
Tgt Ion:228 Resp: 2258359

Ion Ratio Lower Upper

228 100

226 29.8 24.3 36.5

229 19.6 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 51.548 ng/ul

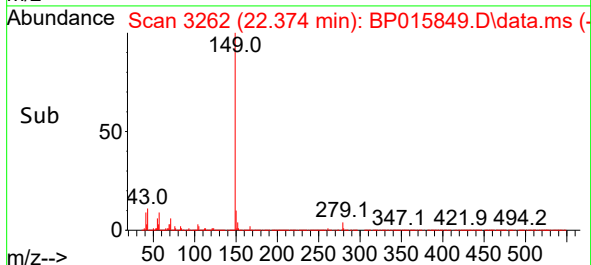
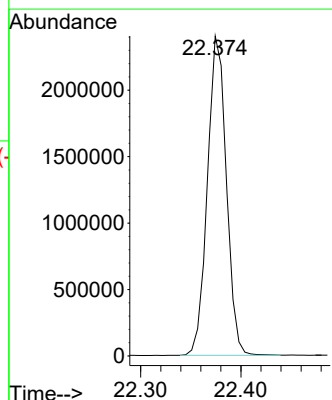
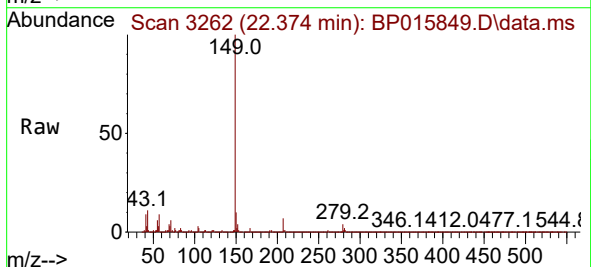
RT: 22.374 min Scan# 3262

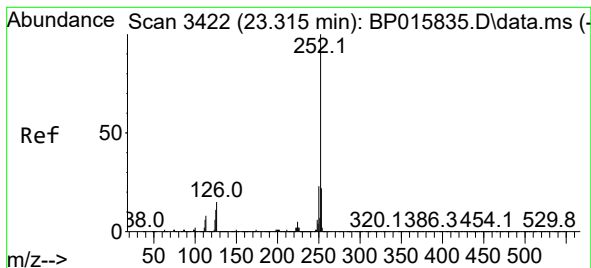
Delta R.T. -0.006 min

Lab File: BP015849.D

Acq: 30 Jun 2023 17:57

Tgt Ion:149 Resp: 3160057





#90

Benzo(b)fluoranthene

Concen: 39.881 ng/ul

RT: 23.310 min Scan# 3422

Delta R.T. -0.006 min

Lab File: BP015849.D

Acq: 30 Jun 2023 17:57

Instrument :

BNA_P

ClientSampleId :

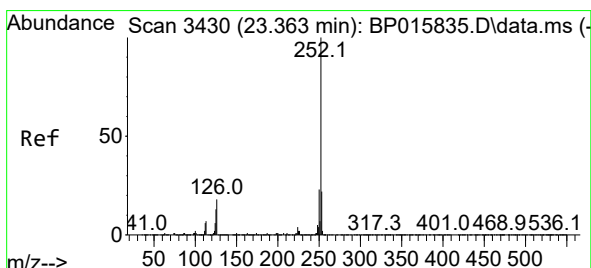
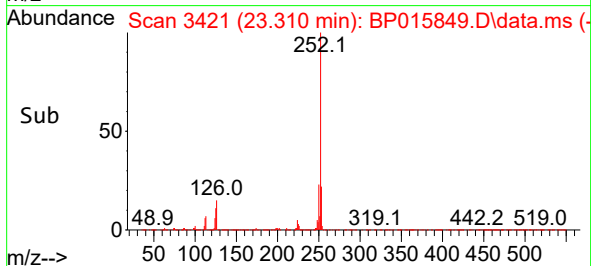
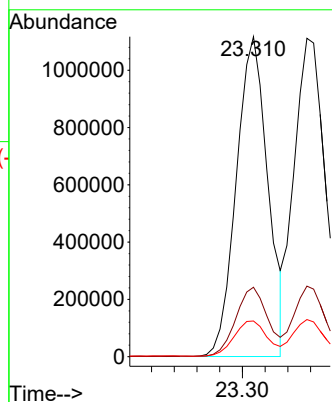
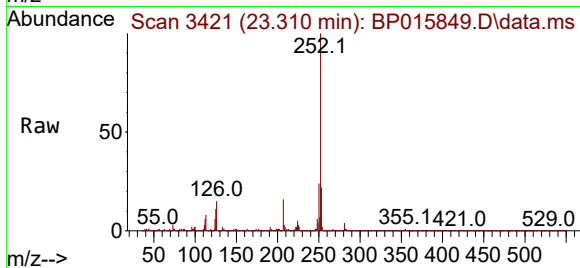
Tgt Ion:252 Resp: 2149526

Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 11.2 7.5 11.3



#91

Benzo(k)fluoranthene

Concen: 39.654 ng/ul

RT: 23.357 min Scan# 3429

Delta R.T. -0.006 min

Lab File: BP015849.D

Acq: 30 Jun 2023 17:57

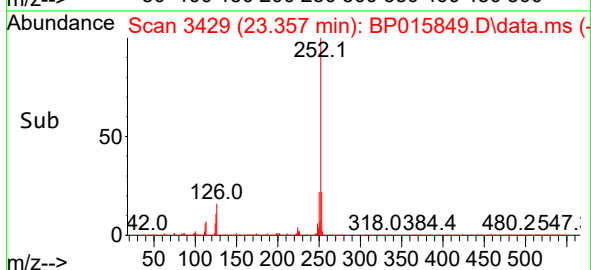
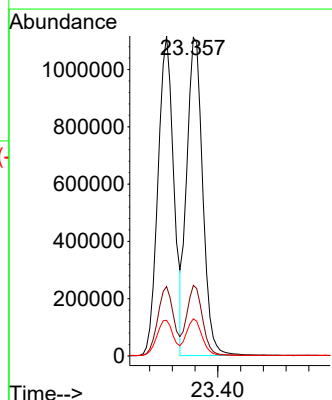
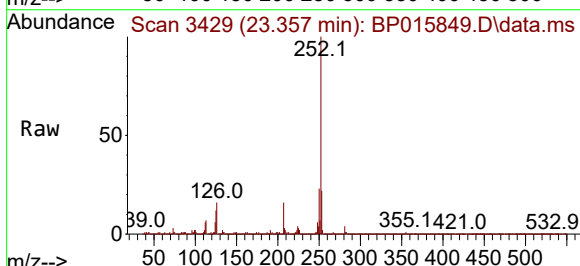
Tgt Ion:252 Resp: 2159446

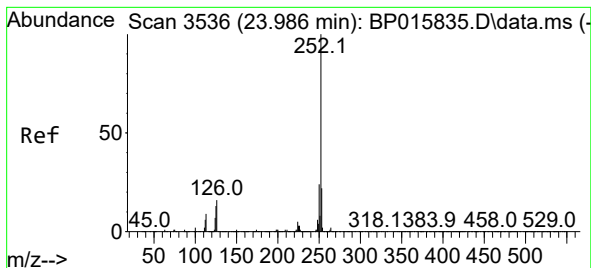
Ion Ratio Lower Upper

252 100

253 22.2 17.0 25.4

125 11.7 7.3 10.9#





#93

Benzo(a)pyrene

Concen: 39.305 ng/ul

RT: 23.986 min Scan# 3

Delta R.T. 0.000 min

Lab File: BP015849.D

Acq: 30 Jun 2023 17:57

Instrument :

BNA_P

ClientSampleId :

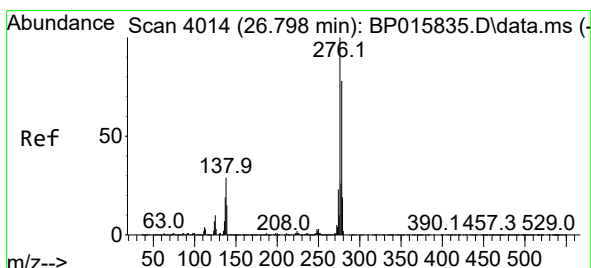
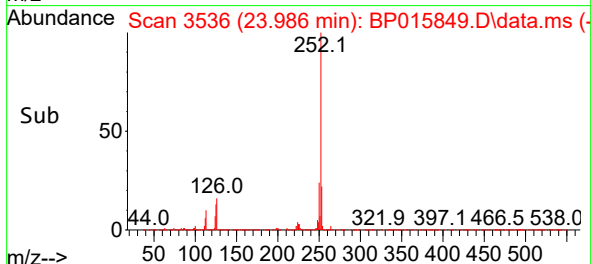
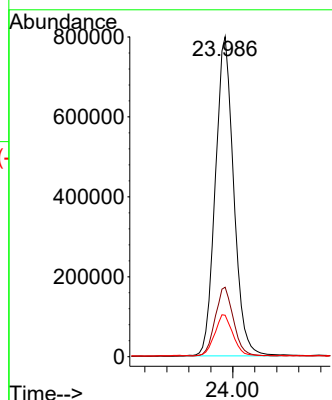
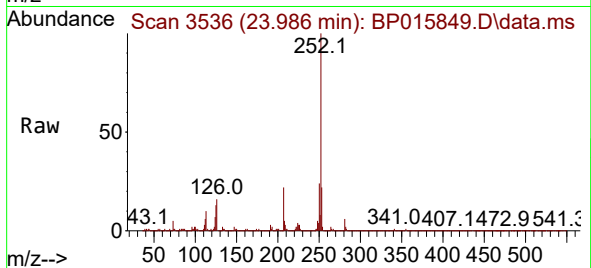
Tgt Ion:252 Resp: 1851100

Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

125 13.0 8.2 12.2#



#94

Indeno(1,2,3-cd)pyrene

Concen: 36.415 ng/ul

RT: 26.792 min Scan# 4013

Delta R.T. -0.006 min

Lab File: BP015849.D

Acq: 30 Jun 2023 17:57

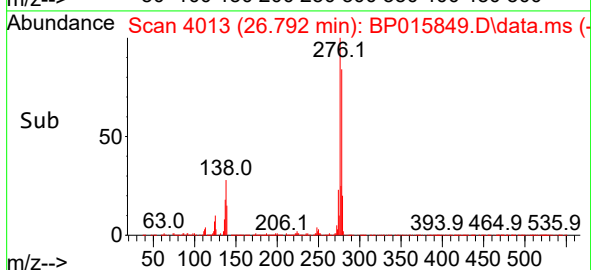
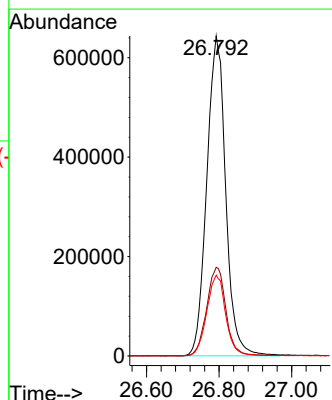
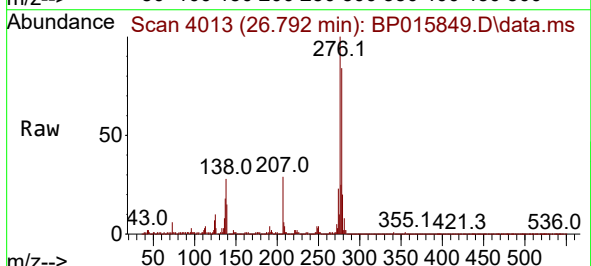
Tgt Ion:276 Resp: 2328142

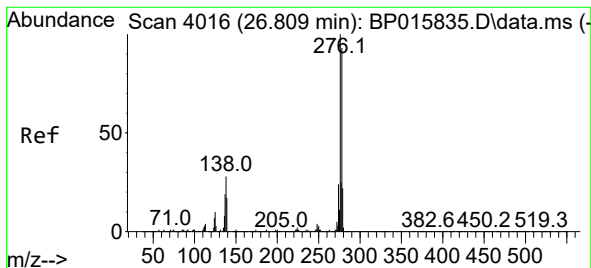
Ion Ratio Lower Upper

276 100

138 27.7 15.7 23.5#

277 25.3 19.6 29.4





#95

Dibenzo(a,h)anthracene

Concen: 36.777 ng/ul

RT: 26.804 min Scan# 4016

Delta R.T. -0.006 min

Lab File: BP015849.D

Acq: 30 Jun 2023 17:57

Instrument :

BNA_P

ClientSampleId :

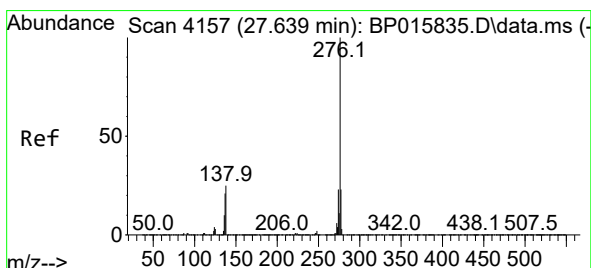
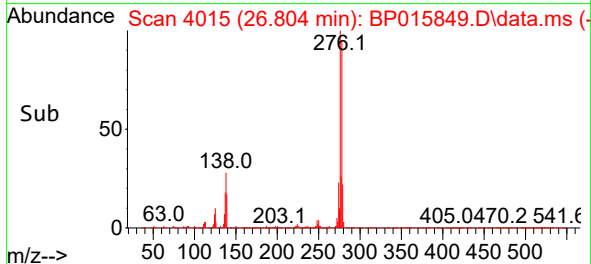
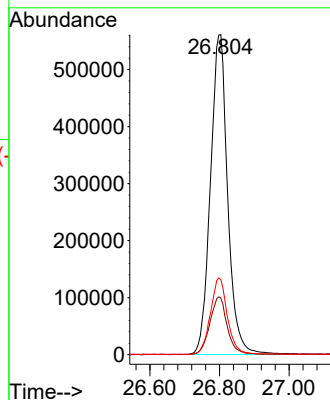
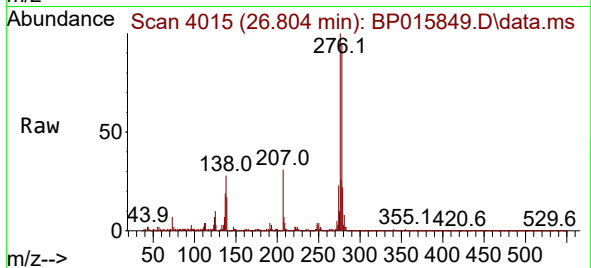
Tgt Ion:278 Resp: 1931316

Ion Ratio Lower Upper

278 100

139 17.8 10.5 15.7#

279 23.5 18.4 27.6



#96

Benzo(g,h,i)perylene

Concen: 36.005 ng/ul

RT: 27.633 min Scan# 4156

Delta R.T. -0.006 min

Lab File: BP015849.D

Acq: 30 Jun 2023 17:57

Tgt Ion:276 Resp: 1893729

Ion Ratio Lower Upper

276 100

138 23.2 15.1 22.7#

277 22.8 18.8 28.2

