

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060723\
 Data File : BP015409.D
 Acq On : 07 Jun 2023 20:56
 Operator : MA/JU
 Sample : 02950-14MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW990MSD

Quant Time: Jun 08 00:13:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 07 23:46:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	211692	20.000	ng/u1	0.00
20) Naphthalene-d8	10.928	136	946846	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.745	164	631405	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.498	188	1452830	20.000	ng/u1	0.00
79) Chrysene-d12	21.580	240	1395891	20.000	ng/u1	0.00
88) Perylene-d12	24.139	264	1603324	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.411	96	15511	2.713	ng/uL	0.00
4) Pyridine-d5	3.858	84	566	0.038	ng/u1	0.00
7) Phenol-d5	7.252	99	324708	16.650	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.422	67	210305	18.056	ng/u1	0.00
11) 2-Chlorophenol-d4	7.622	132	258308	18.268	ng/u1	0.00
15) 4-Methylphenol-d8	8.816	113	277867	17.360	ng/u1	0.00
21) Nitrobenzene-d5	9.275	128	139192	18.725	ng/u1	0.00
24) 2-Nitrophenol-d4	10.004	143	162825	19.180	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.546	165	287068	18.538	ng/u1	0.00
31) 4-Chloroaniline-d4	11.069	131	355129	15.977	ng/u1	0.00
46) Dimethylphthalate-d6	14.145	166	1027381	20.634	ng/u1	0.00
49) Acenaphthylene-d8	14.440	160	1075143	19.748	ng/u1	0.00
54) 4-Nitrophenol-d4	14.945	143	178952	20.070	ng/u1	0.00
60) Fluorene-d10	15.734	176	828308	19.728	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.863	200	185726	20.179	ng/u1	0.00
73) Anthracene-d10	17.598	188	1405663	21.265	ng/u1	0.00
81) Pyrene-d10	19.822	212	1789886	23.958	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.968	264	1791433	22.268	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.446	88	37662	6.237	ng/uL	95
6) Benzaldehyde	7.228	77	231667	31.078	ng/u1	98
8) Phenol	7.281	94	385866	19.178	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.516	93	301359	18.944	ng/u1	98
12) 2-Chlorophenol	7.657	128	280426	18.771	ng/u1	98
13) 2-Methylphenol	8.546	108	281368	18.176	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.628	45	409075	19.405	ng/u1	99
16) Acetophenone	8.934	105	578029	22.629	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.916	70	265157	19.233	ng/u1	99
18) 4-Methylphenol	8.881	108	316358	18.574	ng/u1	95
19) Hexachloroethane	9.187	117	118400	18.755	ng/u1	99
22) Nitrobenzene	9.322	77	388616	19.713	ng/u1	98
23) Isophorone	9.846	82	770732	19.530	ng/u1	100
25) 2-Nitrophenol	10.040	139	186359	20.332	ng/u1	94
26) 2,4-Dimethylphenol	10.093	107	257300	13.237	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.328	93	446314	19.453	ng/u1	100
29) 2,4-Dichlorophenol	10.575	162	311514	20.232	ng/u1	98
30) Naphthalene	10.981	128	995867	19.410	ng/u1	100
32) 4-Chloroaniline	11.093	127	359919	15.649	ng/u1	99
33) Hexachlorobutadiene	11.257	225	200854	19.343	ng/u1	97
34) Caprolactam	11.869	113	122569	21.147	ng/u1	93
35) 4-Chloro-3-methylphenol	12.204	107	374325	20.065	ng/u1	99
36) 2-Methylnaphthalene	12.575	142	704501	19.532	ng/u1	99
37) 1-Methylnaphthalene	12.798	142	709155	19.527	ng/u1	97

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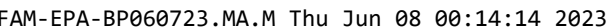
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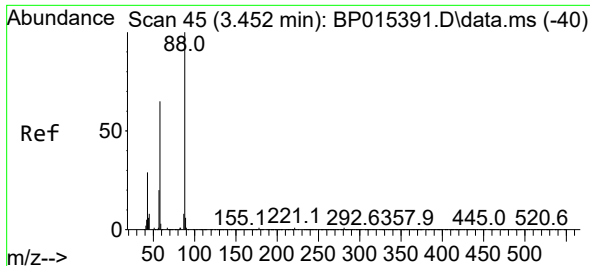
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.940	216	400215	20.355	ng/ul	98
40) Hexachlorocyclopentadiene	12.916	237	128300	15.919	ng/ul	96
41) 2,4,6-Trichlorophenol	13.181	196	277011	21.168	ng/ul	99
42) 2,4,5-Trichlorophenol	13.257	196	306879	21.520	ng/ul	97
43) 1,1'-Biphenyl	13.581	154	975197	19.972	ng/ul	100
44) 2-Chloronaphthalene	13.622	162	771478	20.138	ng/ul	99
45) 2-Nitroaniline	13.828	65	269782	22.003	ng/ul	99
47) Dimethylphthalate	14.192	163	1094983	21.300	ng/ul	100
48) 2,6-Dinitrotoluene	14.322	165	236419	22.447	ng/ul	96
50) Acenaphthylene	14.469	152	1223112	20.287	ng/ul	99
51) 3-Nitroaniline	14.651	138	231304	26.603	ng/ul	97
52) Acenaphthene	14.810	153	838746	20.125	ng/ul	99
53) 2,4-Dinitrophenol	14.863	184	136316	21.516	ng/ul	95
55) 4-Nitrophenol	14.957	109	191127	22.223	ng/ul	98
56) Dibenzofuran	15.139	168	1199977	20.315	ng/ul	100
57) 2,4-Dinitrotoluene	15.110	165	361670	23.347	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.369	232	293544	22.799	ng/ul	95
59) Diethylphthalate	15.551	149	1190143	22.589	ng/ul	99
61) Fluorene	15.792	166	1001333	20.795	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.781	204	504772	20.800	ng/ul	99
63) 4-Nitroaniline	15.816	138	247246	29.980	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.875	198	219051	23.336	ng/ul	95
67) N-Nitrosodiphenylamine	15.998	169	926693	22.483	ng/ul	100
68) 4-Bromophenyl-phenylether	16.681	248	347073	22.330	ng/ul	99
69) Hexachlorobenzene	16.798	284	416985	22.744	ng/ul	95
70) Atrazine	16.951	200	333232	20.246	ng/ul	98
71) Pentachlorophenol	17.145	266	239368	23.099	ng/ul	98
72) Phenanthrene	17.545	178	1788249	22.937	ng/ul	99
74) Anthracene	17.633	178	1763032	22.287	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.545	216	417934	20.843	ng/uL	99
76) Pentachlorobenzene	15.063	250	417757	19.899	ng/uL	99
77) Carbazole	17.904	167	1688814	23.710	ng/ul	100
78) Di-n-butylphthalate	18.428	149	2269949	25.118	ng/ul	99
80) Fluoranthene	19.498	202	2273365	24.981	ng/ul	98
82) Pyrene	19.851	202	2321145	24.653	ng/ul	99
83) Butylbenzylphthalate	20.704	149	1100765	26.452	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.486	252	680972	20.649	ng/ul	100
85) Benzo(a)anthracene	21.563	228	2311472	23.687	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.457	149	1635731	26.594	ng/ul	100
87) Chrysene	21.621	228	2193175	23.777	ng/ul	99
89) Di-n-octyl phthalate	22.433	149	2864004	27.179	ng/ul	100
90) Benzo(b)fluoranthene	23.351	252	2454300	23.714	ng/ul	99
91) Benzo(k)fluoranthene	23.398	252	2316084	23.151	ng/ul	100
93) Benzo(a)pyrene	24.021	252	2046652	22.682	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.845	276	2463233	21.094	ng/ul	98
95) Dibenzo(a,h)anthracene	26.856	278	2056718	21.618	ng/ul	98
96) Benzo(g,h,i)perylene	27.674	276	1753758	18.224	ng/ul	100

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

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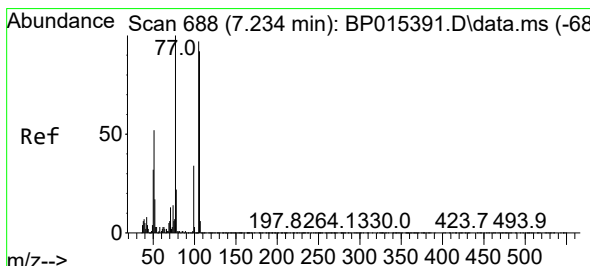
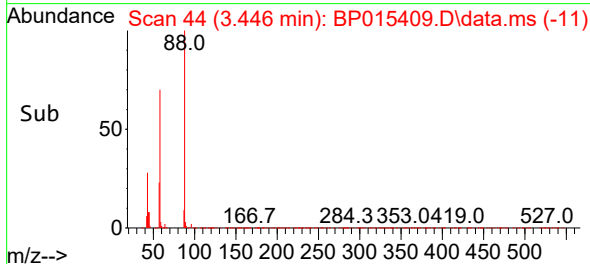
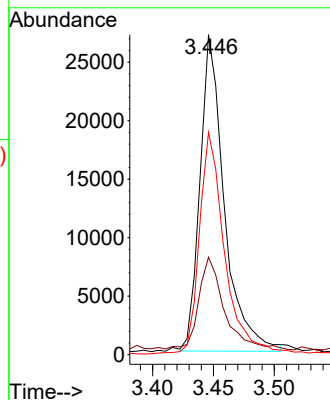
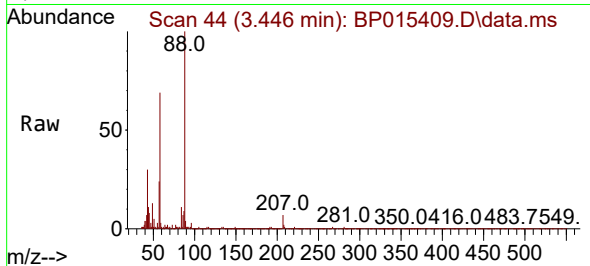




#2
1,4-Dioxane
Concen: 6.237 ng/uL
RT: 3.446 min Scan# 44
Delta R.T. -0.006 min
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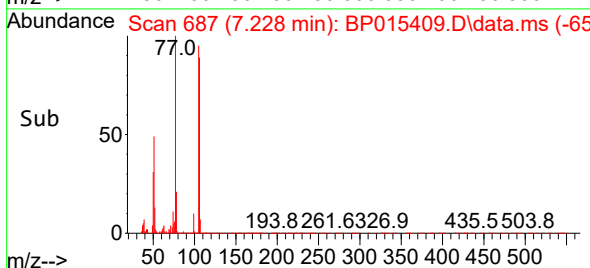
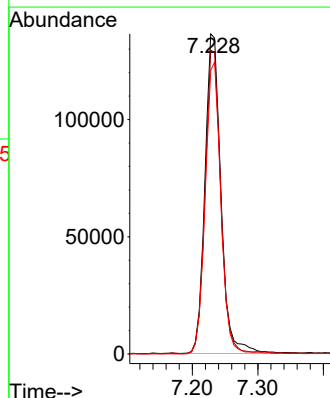
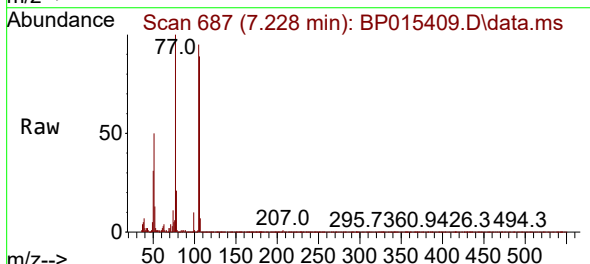
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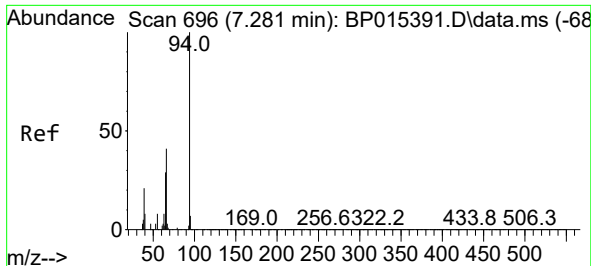
Tgt Ion: 88 Resp: 37662
Ion Ratio Lower Upper
88 100
43 30.4 23.9 35.9
58 69.5 51.4 77.2



#6
Benzaldehyde
Concen: 31.078 ng/uL
RT: 7.228 min Scan# 687
Delta R.T. -0.006 min
Lab File: BP015409.D
Acq: 07 Jun 2023 20:56

Tgt Ion: 77 Resp: 231667
Ion Ratio Lower Upper
77 100
105 94.9 77.3 115.9
106 88.7 73.3 109.9

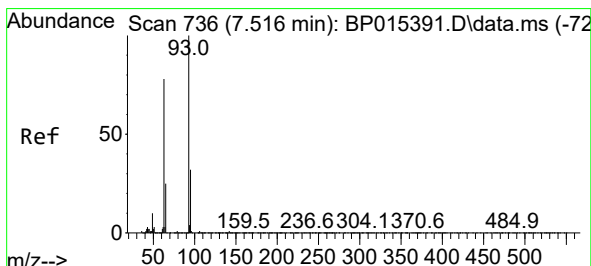
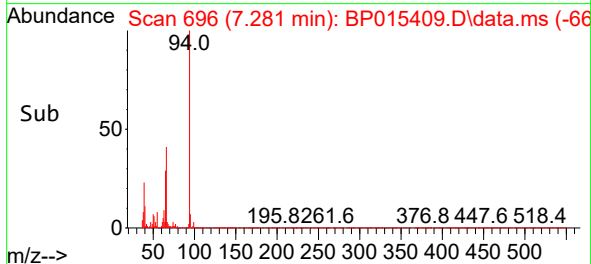
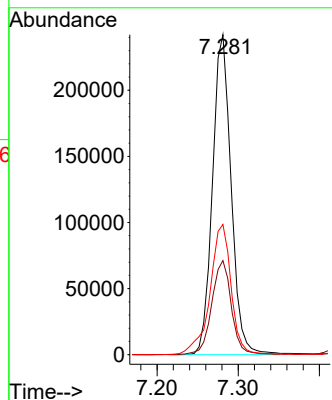
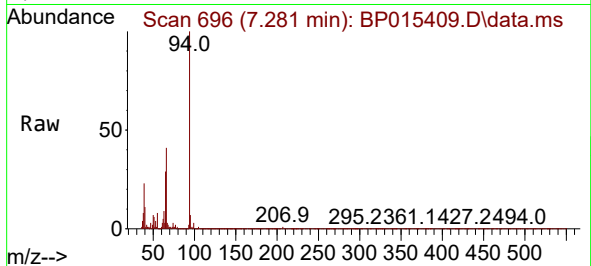




#8
Phenol
Concen: 19.178 ng/ul
RT: 7.281 min Scan# 696
Delta R.T. -0.000 min
Lab File: BP015409.D
Acq: 07 Jun 2023 20:56

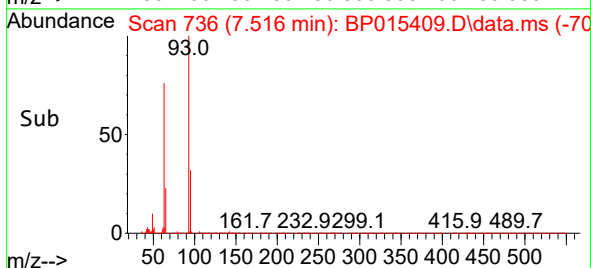
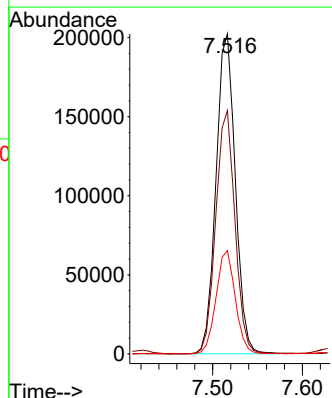
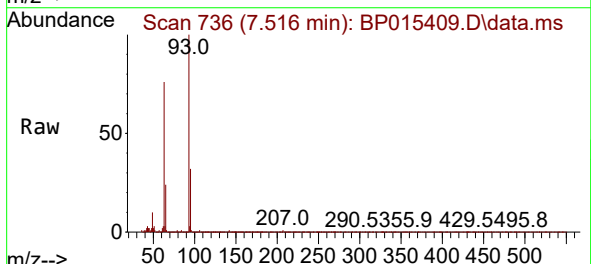
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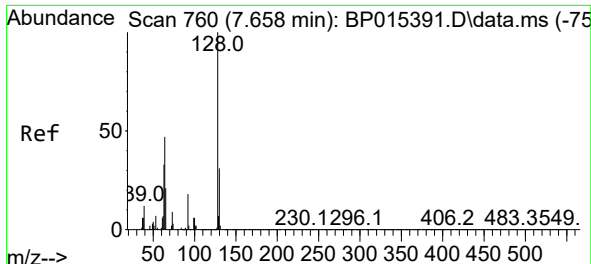
Tgt Ion: 94 Resp: 385866
Ion Ratio Lower Upper
94 100
65 29.4 23.5 35.3
66 40.7 34.2 51.4



#10
Bis(2-Chloroethyl)ether
Concen: 18.944 ng/ul
RT: 7.516 min Scan# 736
Delta R.T. -0.000 min
Lab File: BP015409.D
Acq: 07 Jun 2023 20:56

Tgt Ion: 93 Resp: 301359
Ion Ratio Lower Upper
93 100
63 76.1 62.6 93.8
95 32.3 25.5 38.3

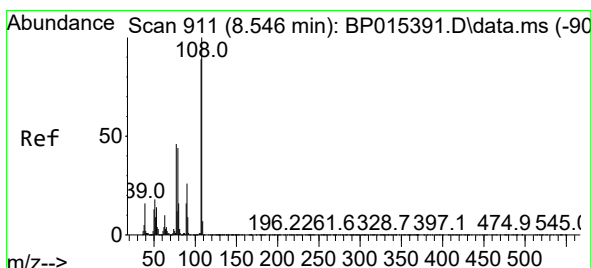
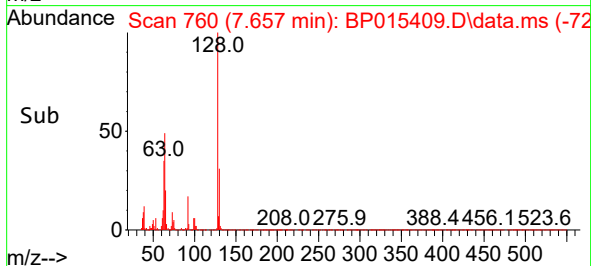
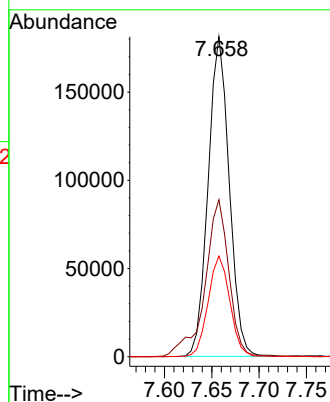
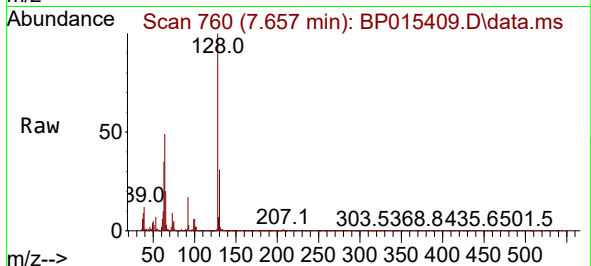




#12
2-Chlorophenol
Concen: 18.771 ng/ul
RT: 7.657 min Scan# 760
Delta R.T. -0.000 min
Lab File: BP015409.D
Acq: 07 Jun 2023 20:56

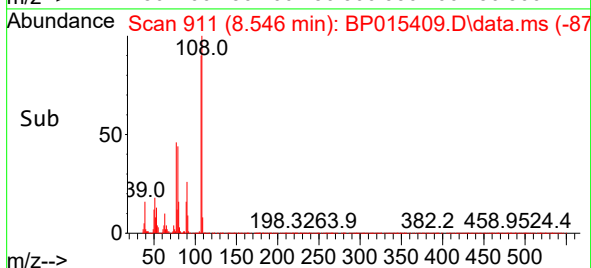
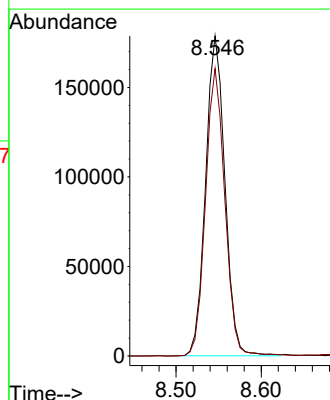
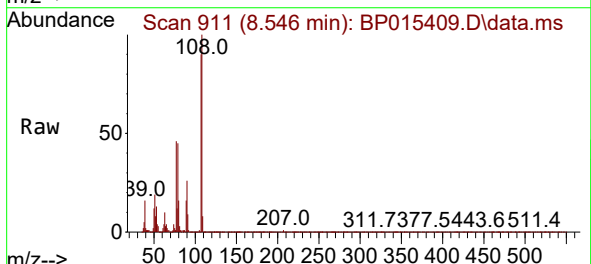
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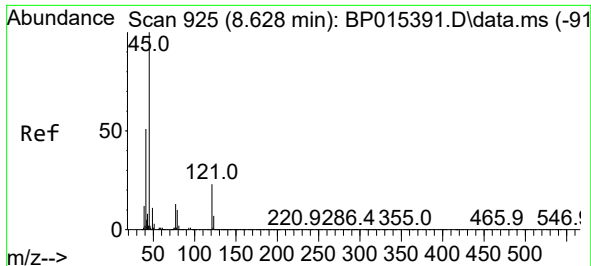
Tgt Ion:128 Resp: 280426
Ion Ratio Lower Upper
128 100
64 49.0 40.2 60.4
130 31.5 24.5 36.7



#13
2-Methylphenol
Concen: 18.176 ng/ul
RT: 8.546 min Scan# 911
Delta R.T. -0.000 min
Lab File: BP015409.D
Acq: 07 Jun 2023 20:56

Tgt Ion:108 Resp: 281368
Ion Ratio Lower Upper
108 100
107 89.8 71.2 106.8

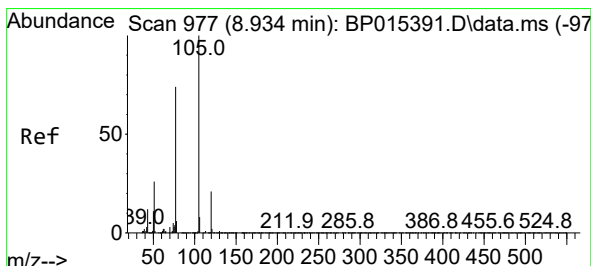
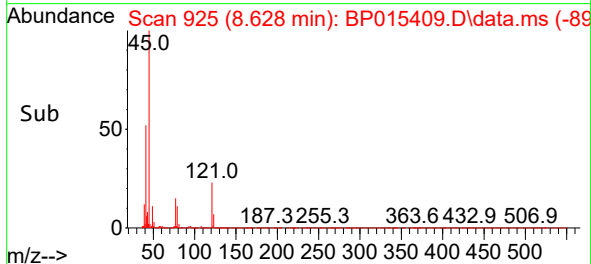
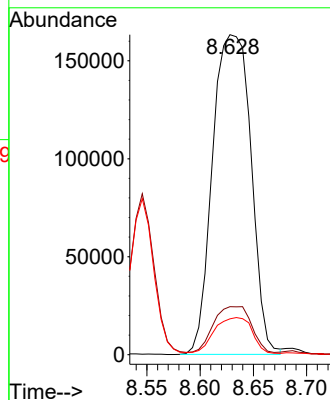
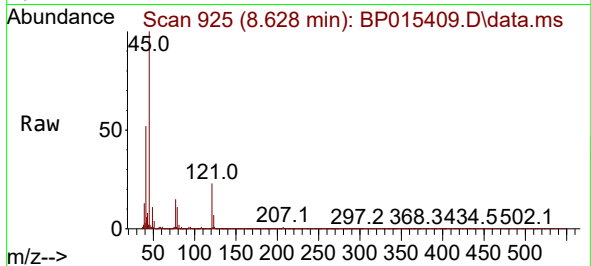




#14
2,2'-oxybis(1-Chloropropane)
Concen: 19.405 ng/ul
RT: 8.628 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP015409.D
Acq: 07 Jun 2023 20:56

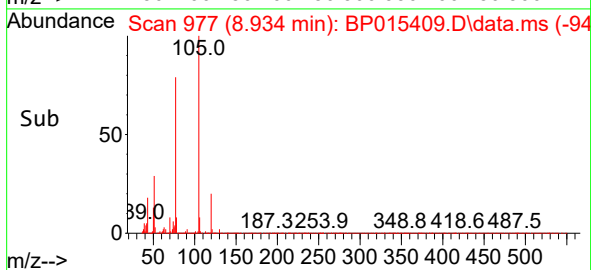
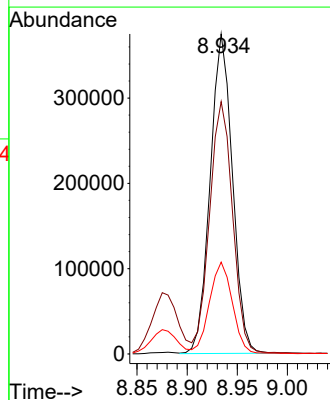
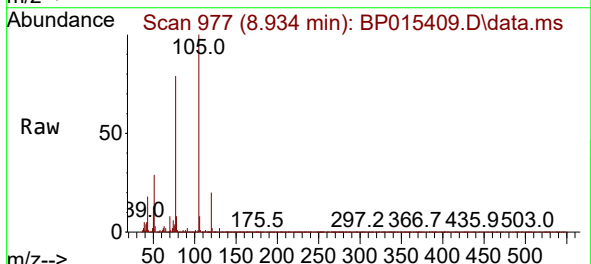
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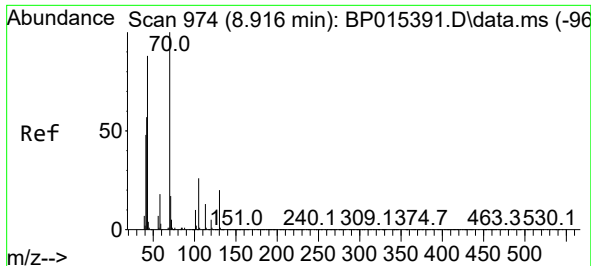
Tgt Ion: 45 Resp: 409075
Ion Ratio Lower Upper
45 100
77 15.0 11.8 17.8
79 11.2 8.7 13.1



#16
Acetophenone
Concen: 22.629 ng/ul
RT: 8.934 min Scan# 977
Delta R.T. -0.000 min
Lab File: BP015409.D
Acq: 07 Jun 2023 20:56

Tgt Ion: 105 Resp: 578029
Ion Ratio Lower Upper
105 100
77 78.8 64.9 97.3
51 28.7 23.5 35.3

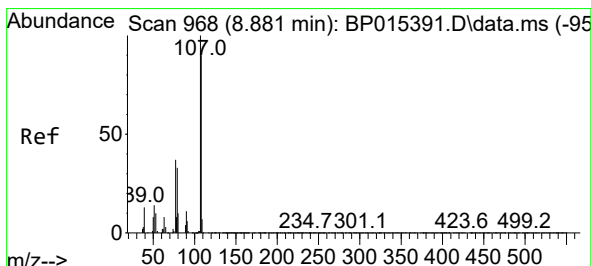
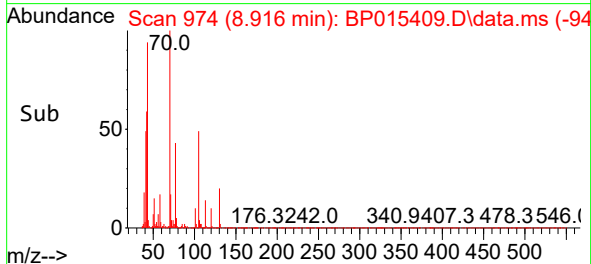
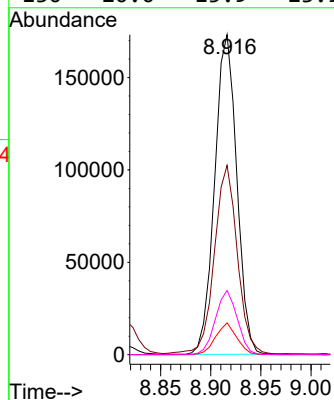
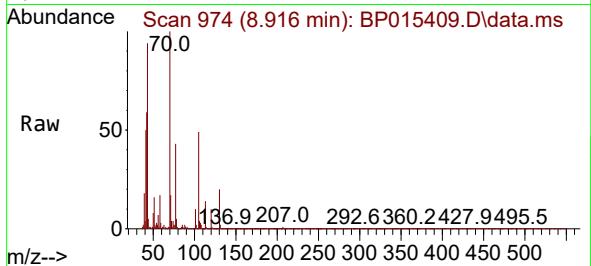




#17
N-Nitroso-di-n-propylamine
Concen: 19.233 ng/ul
RT: 8.916 min Scan# 917
Delta R.T. -0.000 min
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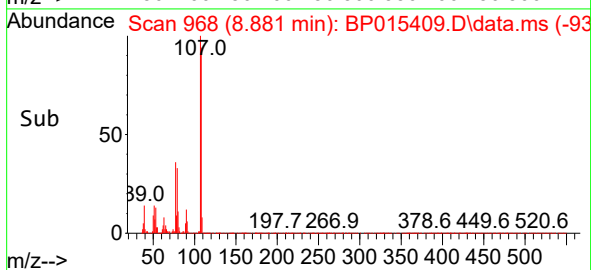
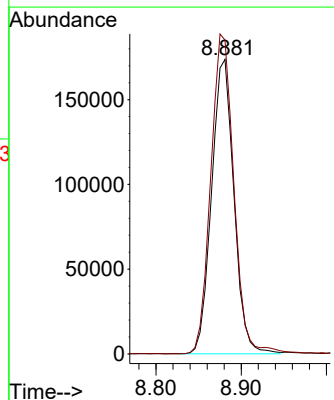
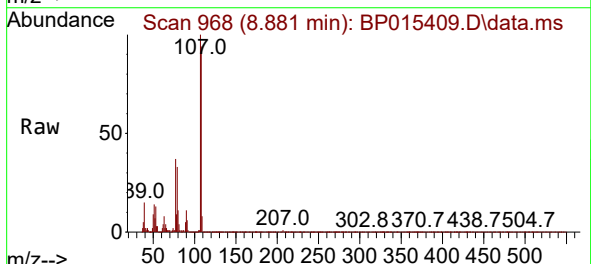
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ClientSampleId :
EW990MSD

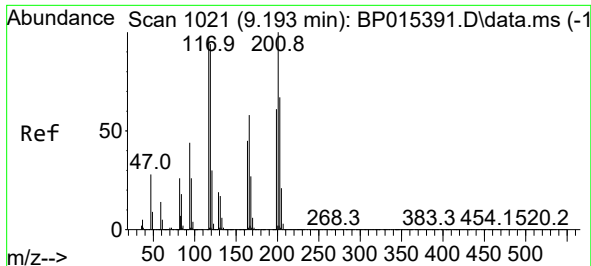
Tgt Ion: 70	Resp: 265157
Ion Ratio	Lower Upper
70 100	
42 59.1	46.6 69.8
101 10.0	7.8 11.6
130 20.0	15.9 23.9



#18
4-Methylphenol
Concen: 18.574 ng/ul
RT: 8.881 min Scan# 968
Delta R.T. -0.000 min
Lab File: BP015409.D
Acq: 07 Jun 2023 20:56

Tgt	Ion:108	Resp:	316358
Ion	Ratio	Lower	Upper
108	100		
107	106.6	89.3	133.9

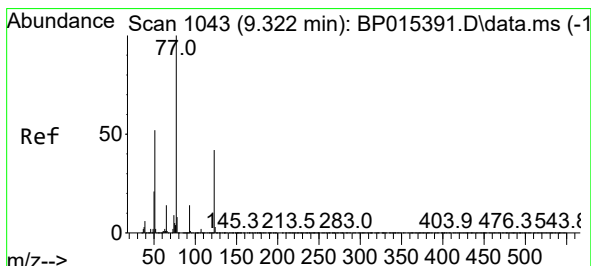
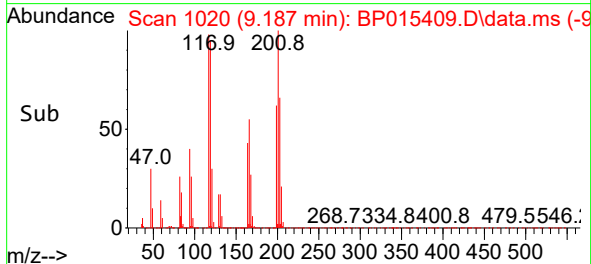
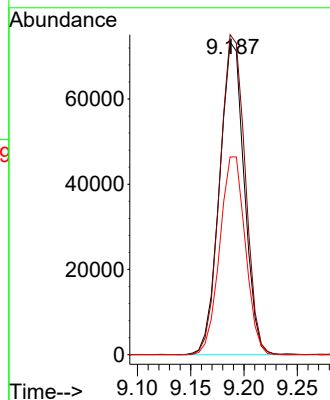
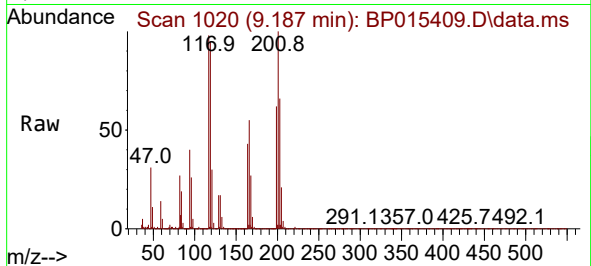




#19
Hexachloroethane
Concen: 18.755 ng/ul
RT: 9.187 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BP015409.D
Acq: 07 Jun 2023 20:56

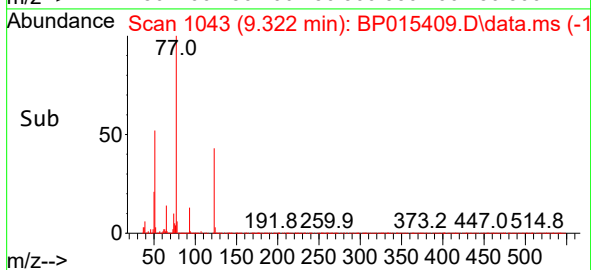
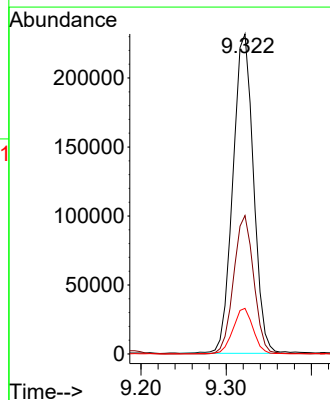
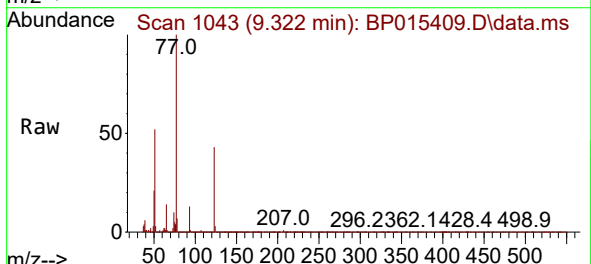
Instrument :
BNA_P
ClientSampleId :
EW990MSD

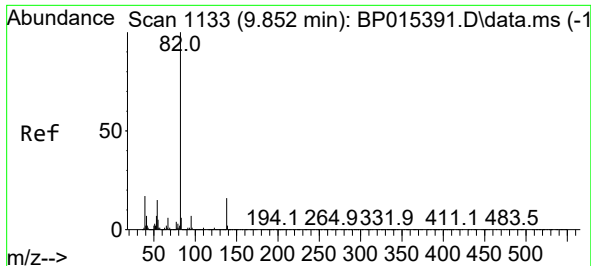
Tgt Ion:117 Resp: 118400
Ion Ratio Lower Upper
117 100
201 102.3 82.8 124.2
199 63.2 50.6 76.0



#22
Nitrobenzene
Concen: 19.713 ng/ul
RT: 9.322 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BP015409.D
Acq: 07 Jun 2023 20:56

Tgt Ion: 77 Resp: 388616
Ion Ratio Lower Upper
77 100
123 43.2 33.5 50.3
65 14.3 11.6 17.4

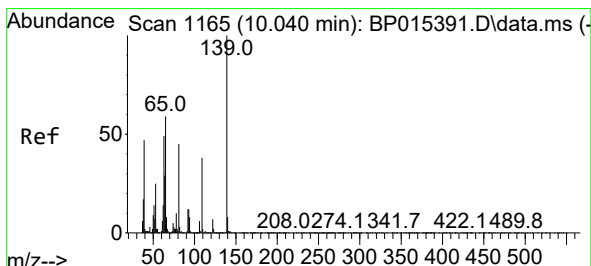
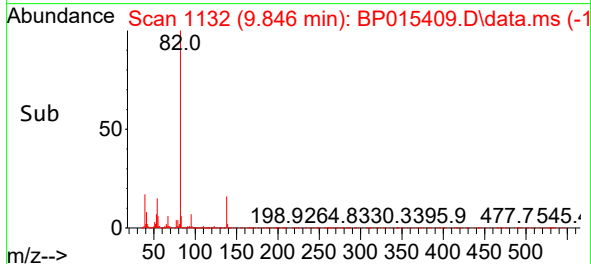
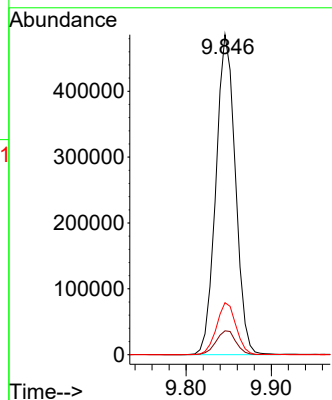
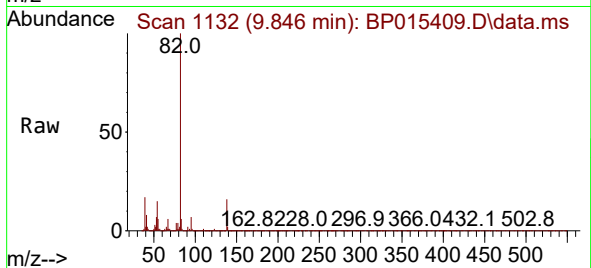




#23
Isophorone
Concen: 19.530 ng/ul
RT: 9.846 min Scan# 1133
Delta R.T. -0.006 min
Lab File: BP015409.D
Acq: 07 Jun 2023 20:56

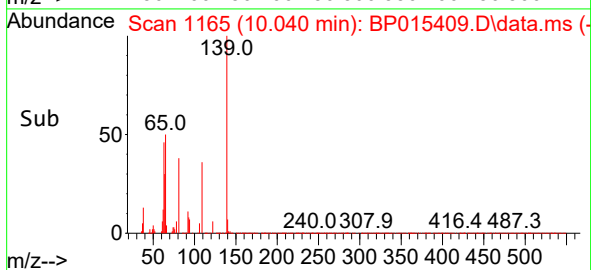
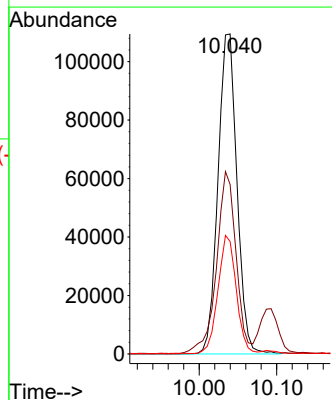
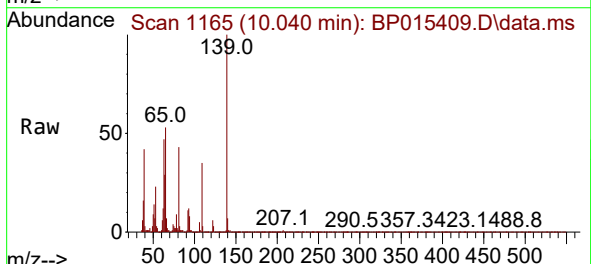
Instrument :
BNA_P
ClientSampleId :
EW990MSD

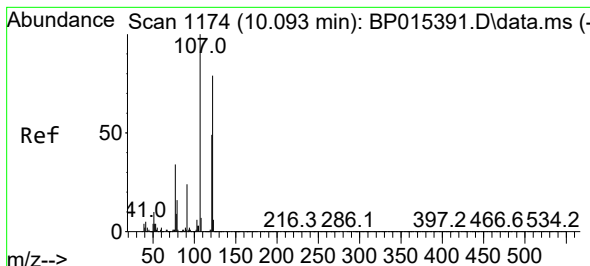
Tgt Ion: 82 Resp: 770732
Ion Ratio Lower Upper
82 100
95 7.4 5.8 8.8
138 16.3 13.1 19.7



#25
2-Nitrophenol
Concen: 20.332 ng/ul
RT: 10.040 min Scan# 1165
Delta R.T. -0.000 min
Lab File: BP015409.D
Acq: 07 Jun 2023 20:56

Tgt Ion: 139 Resp: 186359
Ion Ratio Lower Upper
139 100
65 52.9 46.9 70.3
109 35.2 30.2 45.2

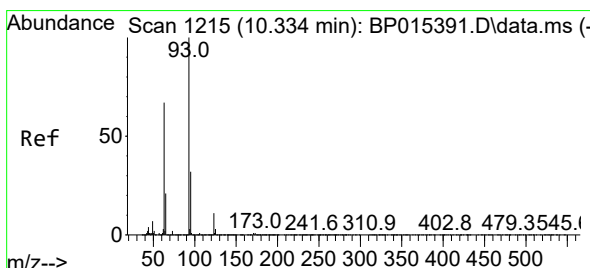
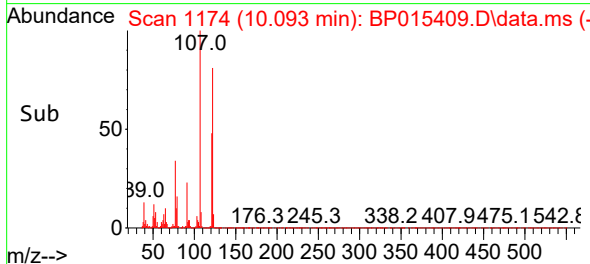
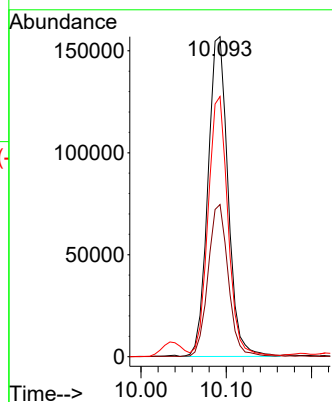
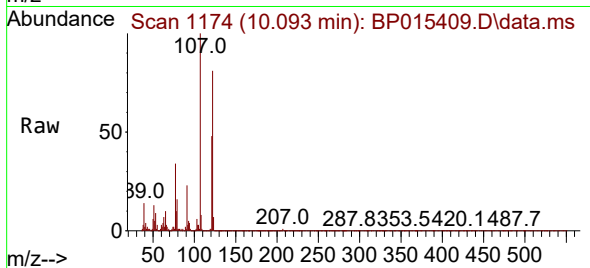




#26
2,4-Dimethylphenol
Concen: 13.237 ng/ul
RT: 10.093 min Scan# 1174
Delta R.T. -0.000 min
Lab File: BP015409.D
Acq: 07 Jun 2023 20:56

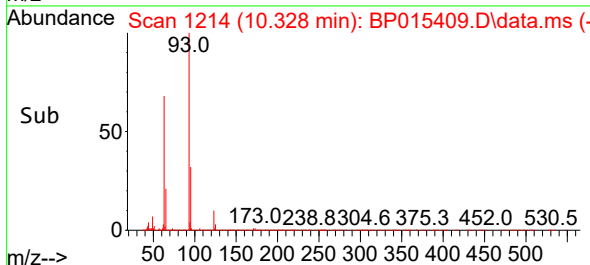
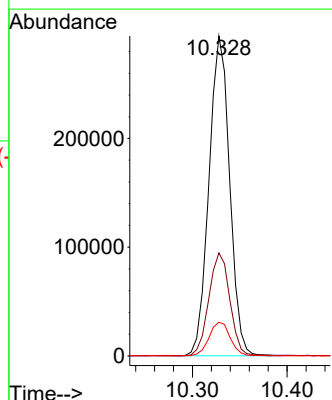
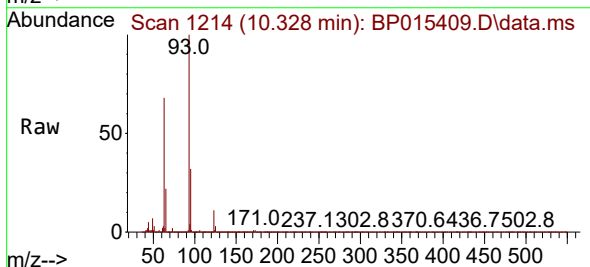
Instrument :
BNA_P
ClientSampleId :
EW990MSD

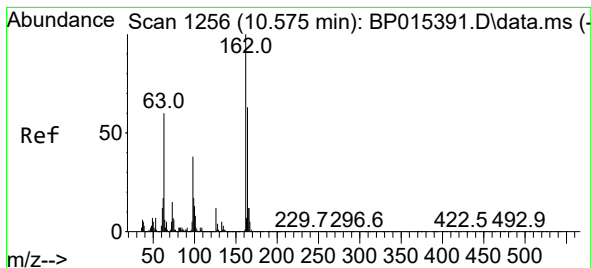
Tgt Ion:107 Resp: 257300
Ion Ratio Lower Upper
107 100
121 47.5 39.0 58.6
122 81.3 64.8 97.2



#27
Bis(2-Chloroethoxy)methane
Concen: 19.453 ng/ul
RT: 10.328 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BP015409.D
Acq: 07 Jun 2023 20:56

Tgt Ion: 93 Resp: 446314
Ion Ratio Lower Upper
93 100
95 32.2 25.7 38.5
123 10.6 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 20.232 ng/ul

RT: 10.575 min Scan# 1256

Delta R.T. -0.000 min

Lab File: BP015409.D

Acq: 07 Jun 2023 20:56

Instrument :

BNA_P

ClientSampleId :

EW990MSD

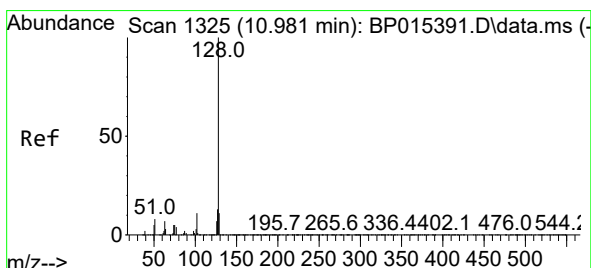
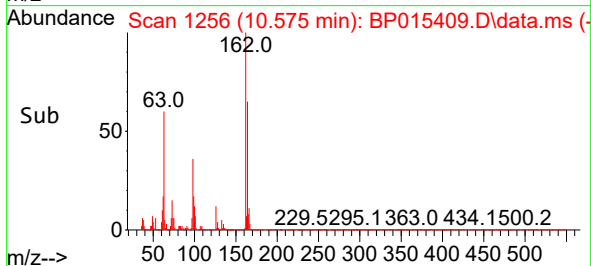
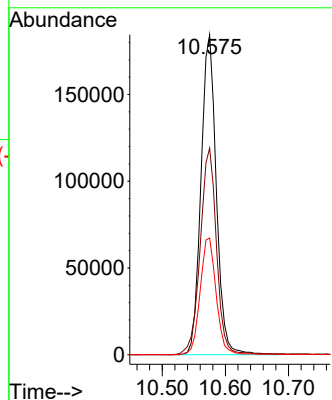
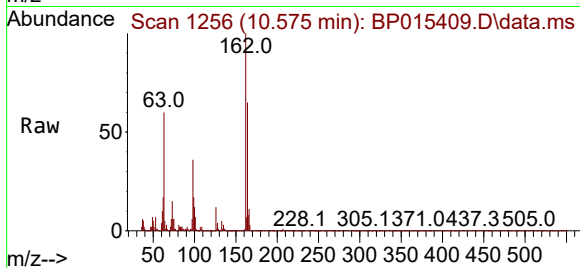
Tgt Ion:162 Resp: 311514

Ion Ratio Lower Upper

162 100

164 64.6 50.6 76.0

98 36.4 30.2 45.2



#30

Naphthalene

Concen: 19.410 ng/ul

RT: 10.981 min Scan# 1325

Delta R.T. -0.000 min

Lab File: BP015409.D

Acq: 07 Jun 2023 20:56

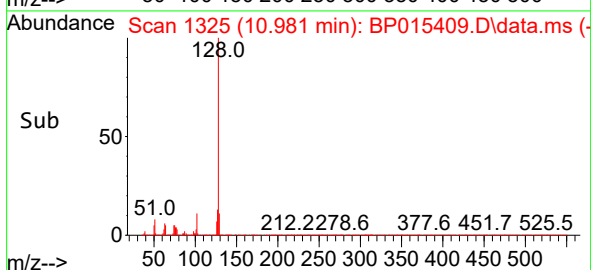
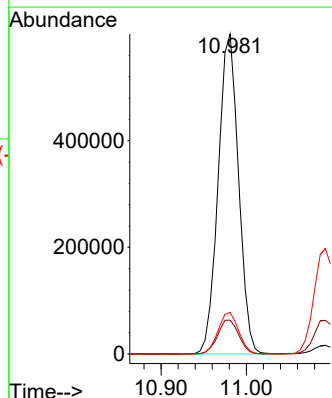
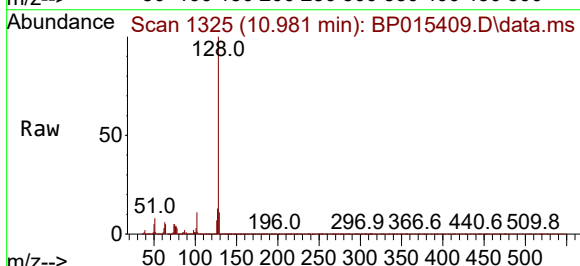
Tgt Ion:128 Resp: 995867

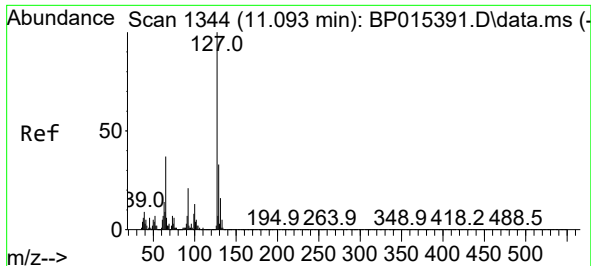
Ion Ratio Lower Upper

128 100

129 10.6 8.6 13.0

127 13.0 10.5 15.7

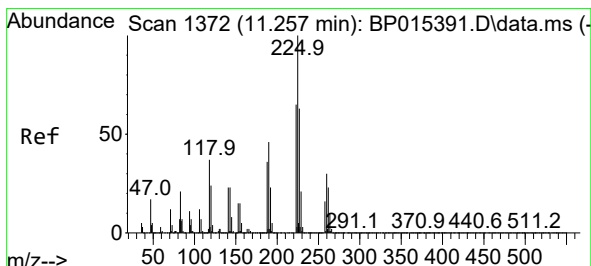
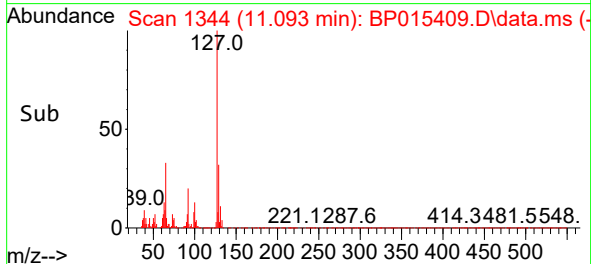
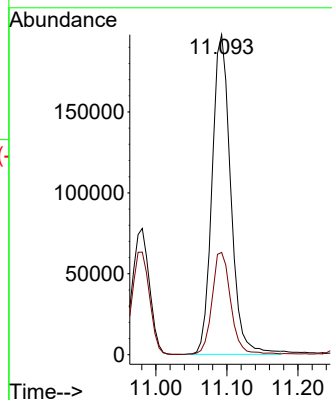
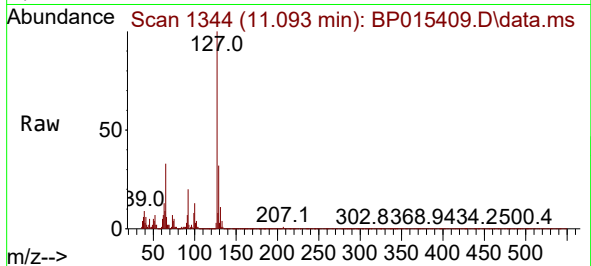




#32
4-Chloroaniline
Concen: 15.649 ng/ul
RT: 11.093 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP015409.D
Acq: 07 Jun 2023 20:56

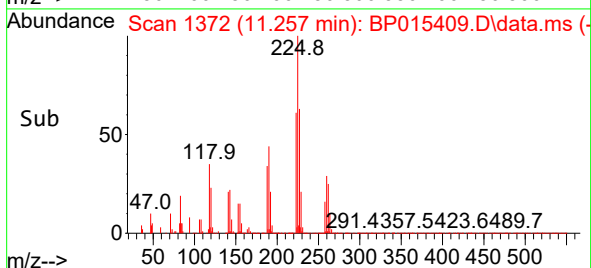
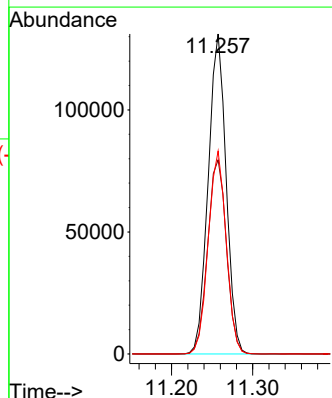
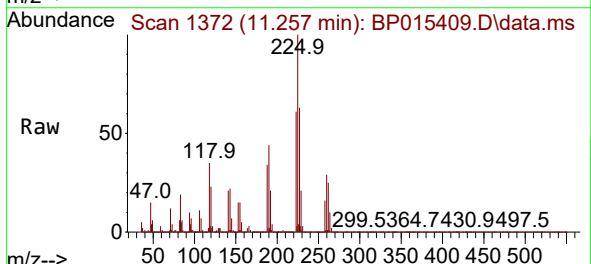
Instrument :
BNA_P
ClientSampleId :
EW990MSD

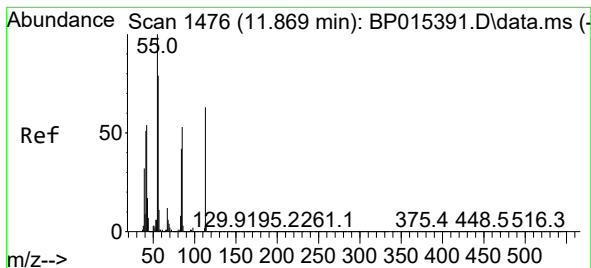
Tgt Ion:127 Resp: 359919
Ion Ratio Lower Upper
127 100
129 31.9 26.1 39.1



#33
Hexachlorobutadiene
Concen: 19.343 ng/ul
RT: 11.257 min Scan# 1372
Delta R.T. -0.000 min
Lab File: BP015409.D
Acq: 07 Jun 2023 20:56

Tgt Ion:225 Resp: 200854
Ion Ratio Lower Upper
225 100
223 60.6 52.0 78.0
227 63.4 50.6 75.8

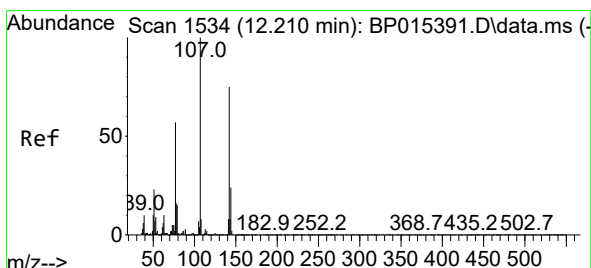
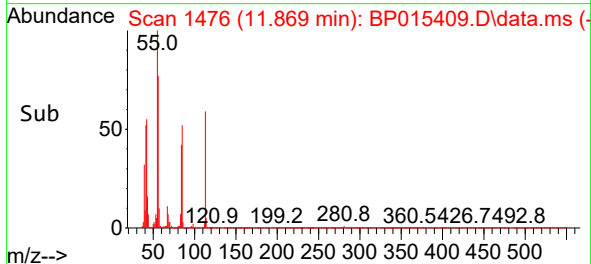
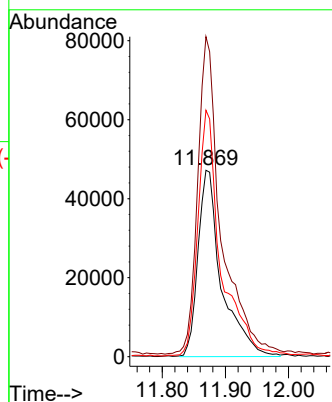
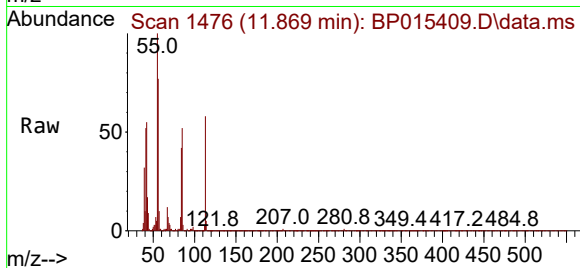




#34
Caprolactam
Concen: 21.147 ng/ul
RT: 11.869 min Scan# 1476
Delta R.T. -0.000 min
Lab File: BP015409.D
Acq: 07 Jun 2023 20:56

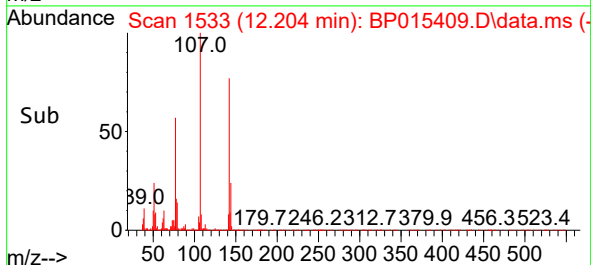
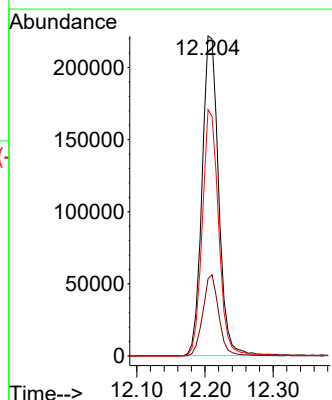
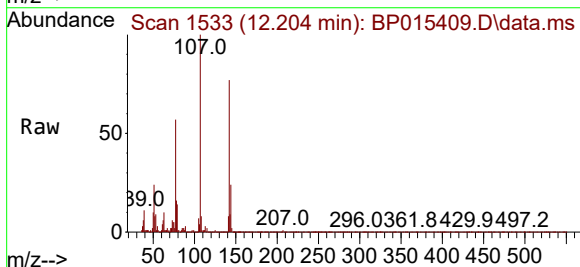
Instrument :
BNA_P
ClientSampleId :
EW990MSD

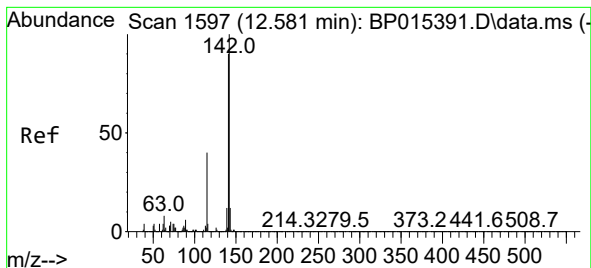
Tgt Ion:113 Resp: 122569
Ion Ratio Lower Upper
113 100
55 171.7 127.9 191.9
56 132.2 101.1 151.7



#35
4-Chloro-3-methylphenol
Concen: 20.065 ng/ul
RT: 12.204 min Scan# 1533
Delta R.T. -0.006 min
Lab File: BP015409.D
Acq: 07 Jun 2023 20:56

Tgt Ion:107 Resp: 374325
Ion Ratio Lower Upper
107 100
144 24.1 19.4 29.0
142 77.0 60.4 90.6

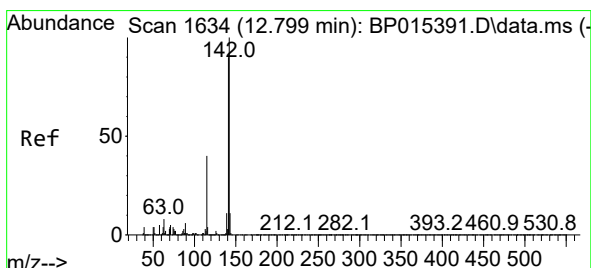
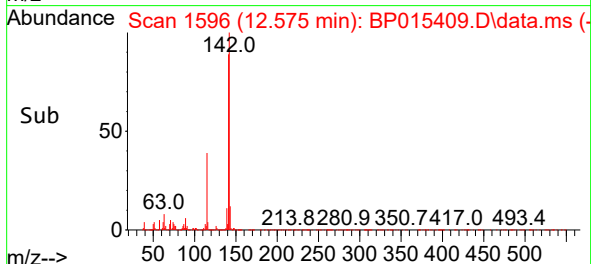
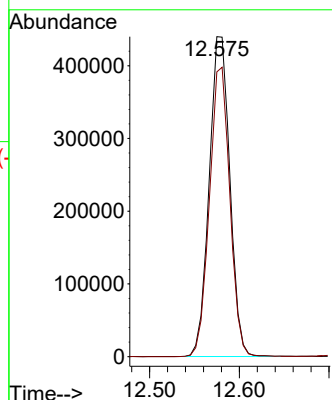
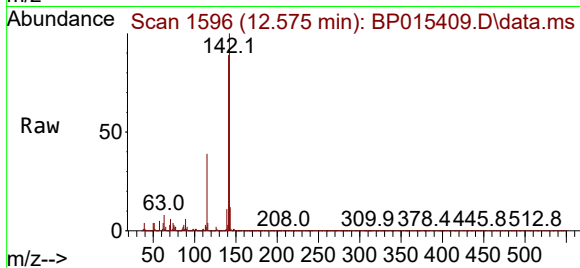




#36
2-Methylnaphthalene
Concen: 19.532 ng/ul
RT: 12.575 min Scan# 1596
Delta R.T. -0.006 min
Lab File: BP015409.D
Acq: 07 Jun 2023 20:56

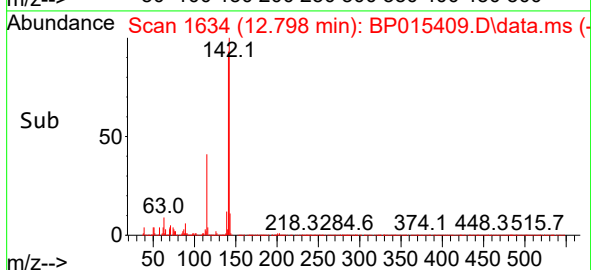
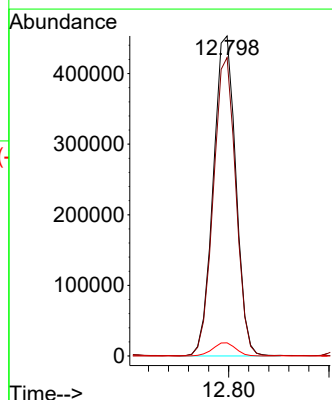
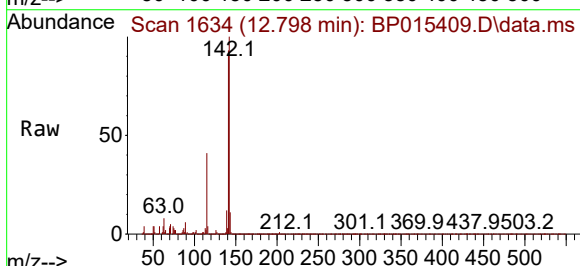
Instrument :
BNA_P
ClientSampleId :
EW990MSD

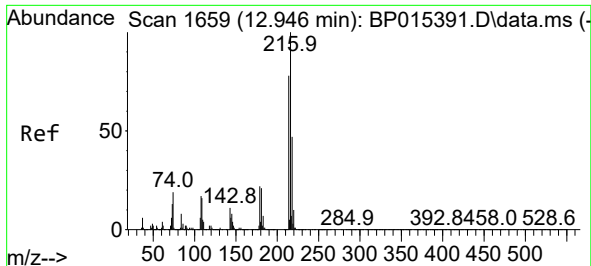
Tgt Ion:142 Resp: 704501
Ion Ratio Lower Upper
142 100
141 89.0 72.0 108.0



#37
1-Methylnaphthalene
Concen: 19.527 ng/ul
RT: 12.798 min Scan# 1634
Delta R.T. -0.000 min
Lab File: BP015409.D
Acq: 07 Jun 2023 20:56

Tgt Ion:142 Resp: 709155
Ion Ratio Lower Upper
142 100
141 93.2 71.9 107.9
116 4.1 3.4 5.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 20.355 ng/ul

RT: 12.940 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP015409.D

Acq: 07 Jun 2023 20:56

Instrument :

BNA_P

ClientSampleId :

EW990MSD

Tgt Ion:216 Resp: 400215

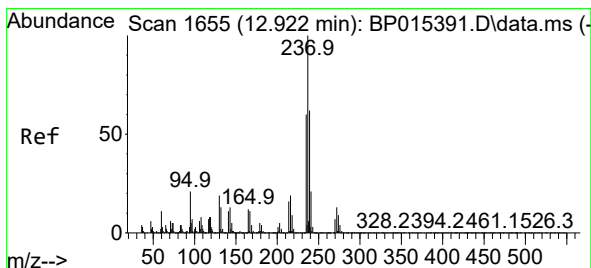
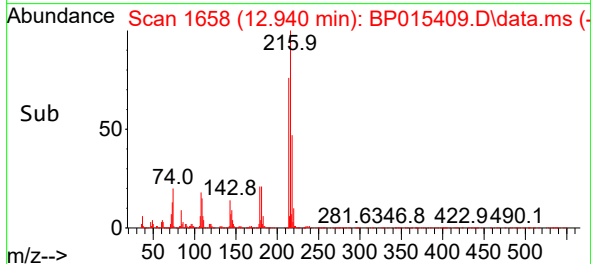
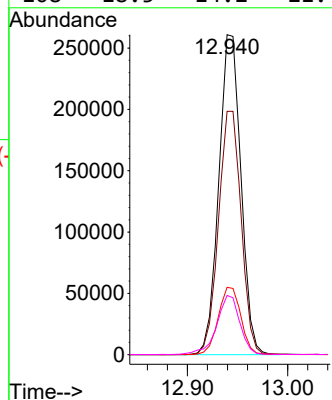
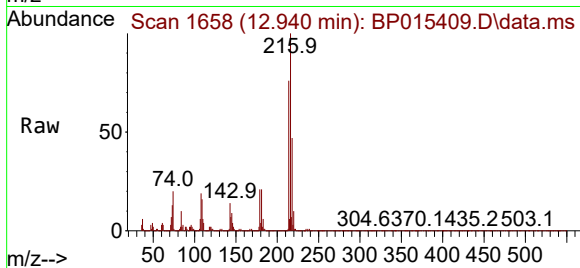
Ion Ratio Lower Upper

216 100

214 76.0 62.2 93.2

179 21.1 17.4 26.2

108 18.5 14.2 21.4



#40

Hexachlorocyclopentadiene

Concen: 15.919 ng/ul

RT: 12.916 min Scan# 1654

Delta R.T. -0.006 min

Lab File: BP015409.D

Acq: 07 Jun 2023 20:56

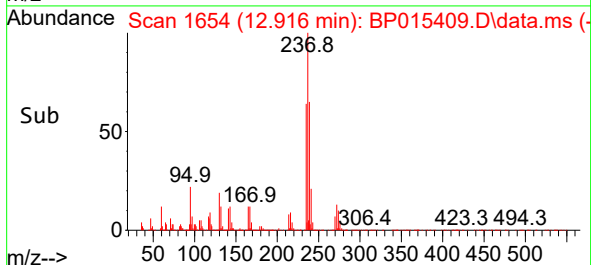
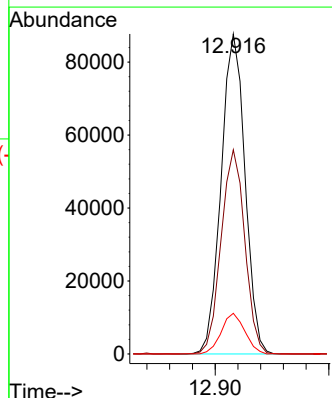
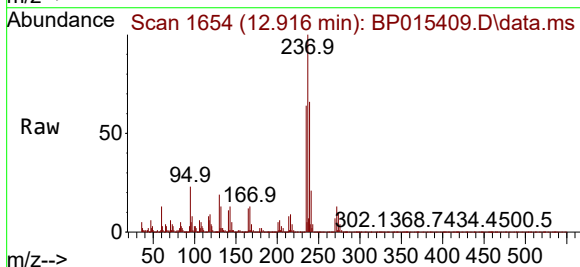
Tgt Ion:237 Resp: 128300

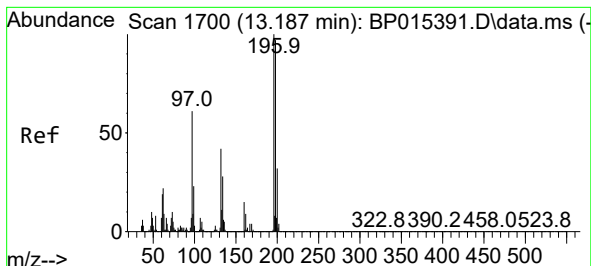
Ion Ratio Lower Upper

237 100

235 63.8 48.2 72.2

272 13.3 10.3 15.5





#41

2,4,6-Trichlorophenol

Concen: 21.168 ng/ul

RT: 13.181 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP015409.D

Acq: 07 Jun 2023 20:56

Instrument :

BNA_P

ClientSampleId :

EW990MSD

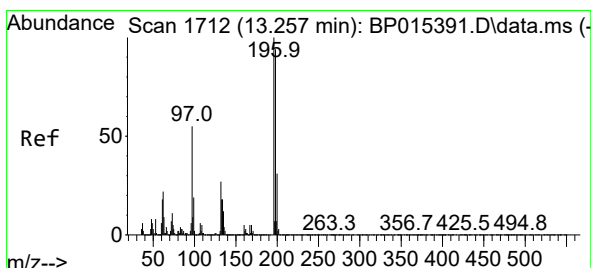
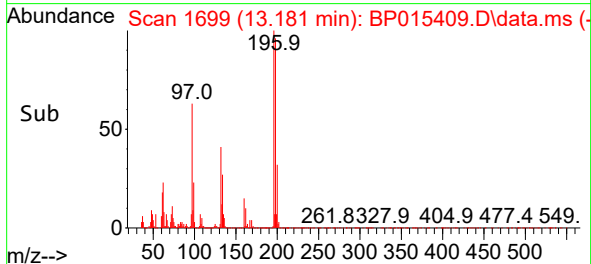
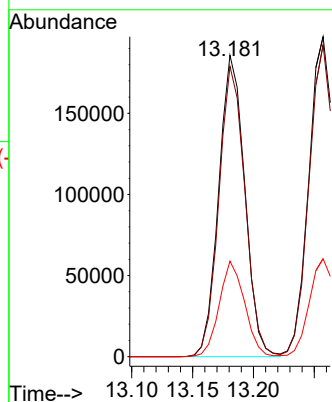
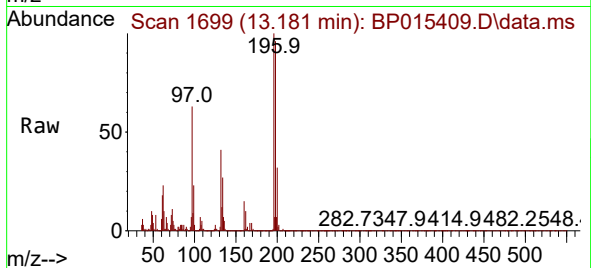
Tgt Ion:196 Resp: 277011

Ion Ratio Lower Upper

196 100

198 96.3 77.8 116.6

200 31.7 25.8 38.6



#42

2,4,5-Trichlorophenol

Concen: 21.520 ng/ul

RT: 13.257 min Scan# 1712

Delta R.T. -0.000 min

Lab File: BP015409.D

Acq: 07 Jun 2023 20:56

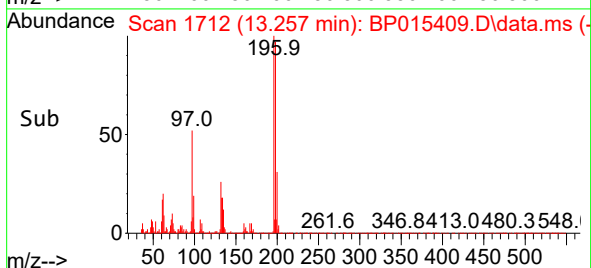
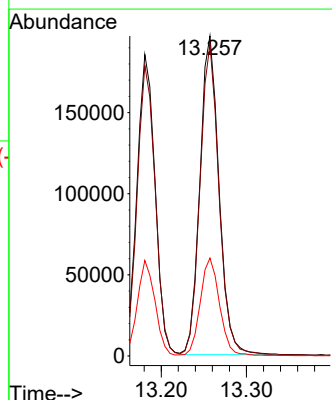
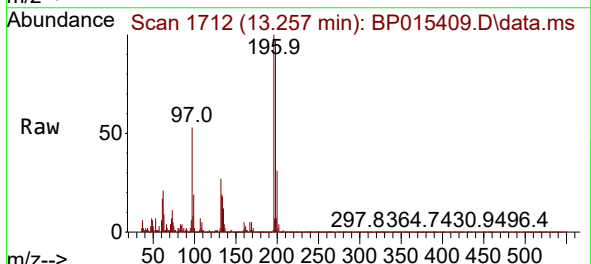
Tgt Ion:196 Resp: 306879

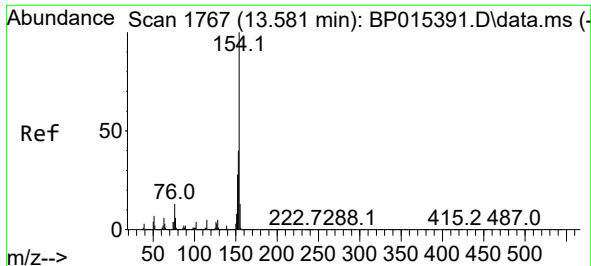
Ion Ratio Lower Upper

196 100

198 97.5 75.5 113.3

200 30.6 24.7 37.1

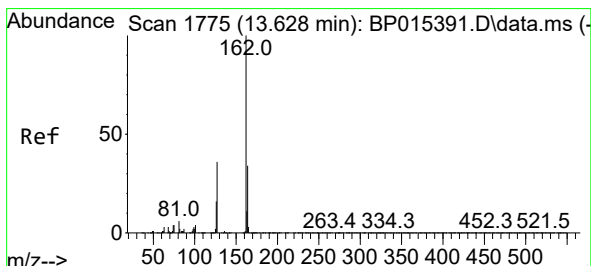
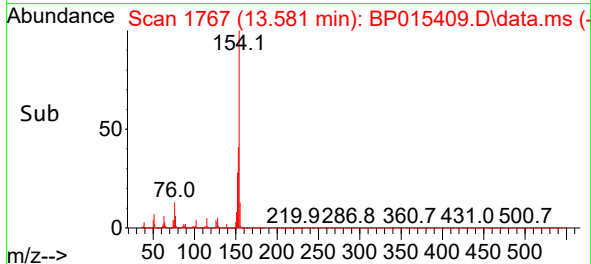
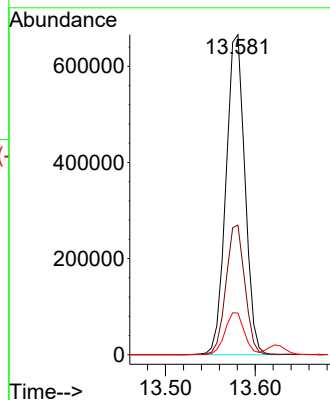
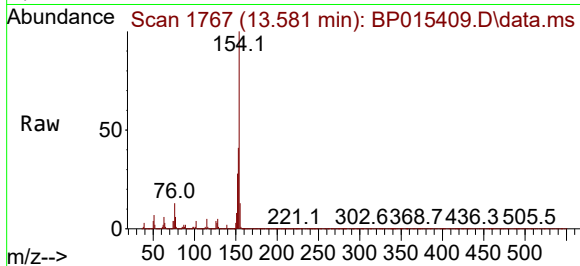




#43
1,1'-Biphenyl
Concen: 19.972 ng/ul
RT: 13.581 min Scan# 1767
Delta R.T. -0.000 min
Lab File: BP015409.D
Acq: 07 Jun 2023 20:56

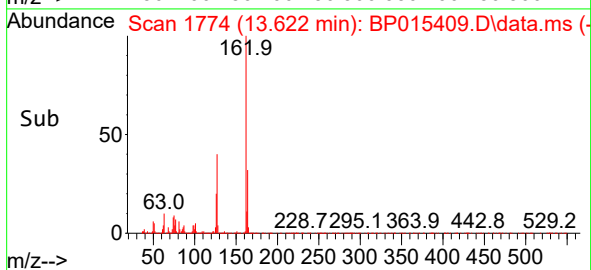
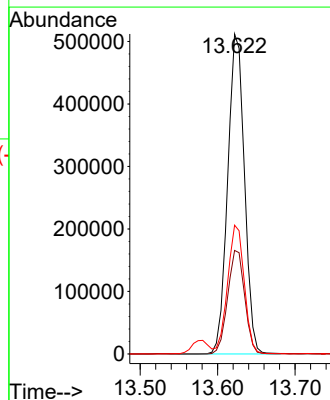
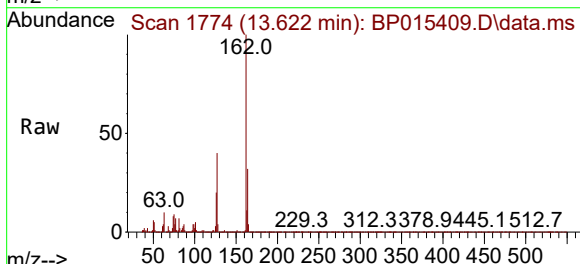
Instrument :
BNA_P
ClientSampleId :
EW990MSD

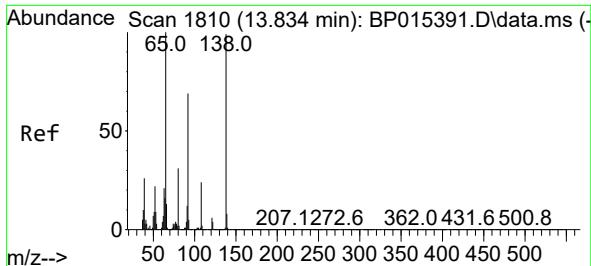
Tgt Ion:154 Resp: 975197
Ion Ratio Lower Upper
154 100
153 40.5 32.2 48.2
76 13.0 10.4 15.6



#44
2-Chloronaphthalene
Concen: 20.138 ng/ul
RT: 13.622 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BP015409.D
Acq: 07 Jun 2023 20:56

Tgt Ion:162 Resp: 771478
Ion Ratio Lower Upper
162 100
164 32.3 27.0 40.6
127 40.3 32.2 48.4

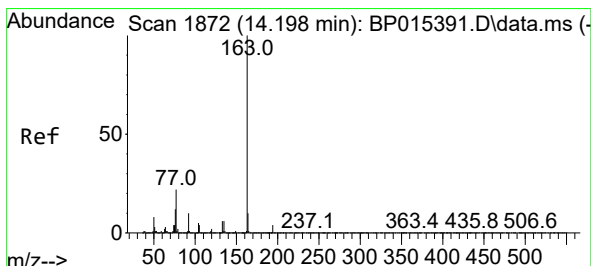
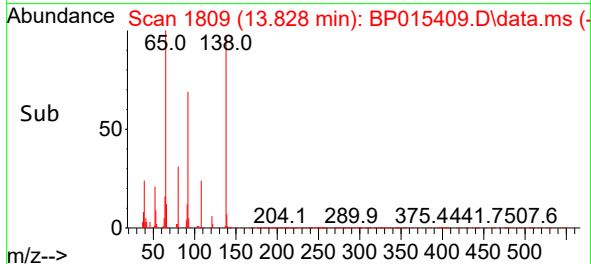
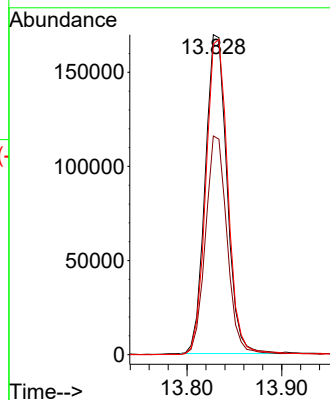
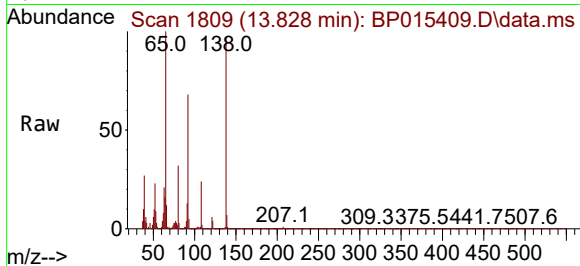




#45
2-Nitroaniline
Concen: 22.003 ng/ul
RT: 13.828 min Scan# 1810
Delta R.T. -0.006 min
Lab File: BP015409.D
Acq: 07 Jun 2023 20:56

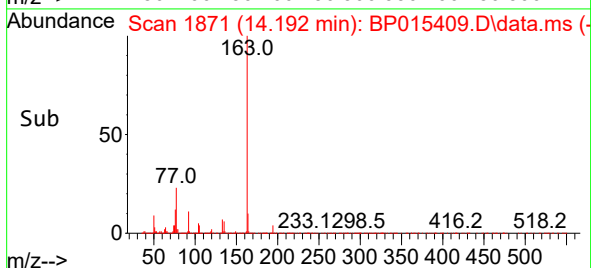
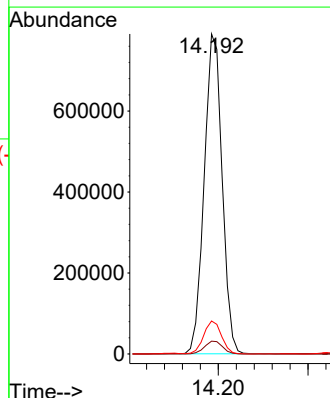
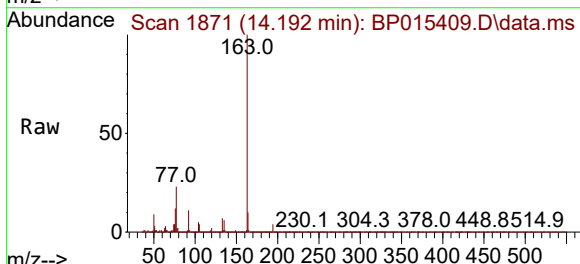
Instrument :
BNA_P
ClientSampleId :
EW990MSD

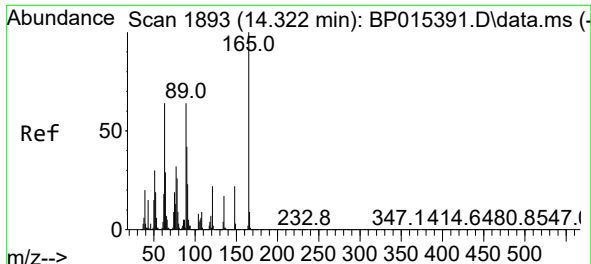
Tgt Ion: 65 Resp: 269782
Ion Ratio Lower Upper
65 100
92 68.3 55.4 83.2
138 97.1 78.8 118.2



#47
Dimethylphthalate
Concen: 21.300 ng/ul
RT: 14.192 min Scan# 1871
Delta R.T. -0.006 min
Lab File: BP015409.D
Acq: 07 Jun 2023 20:56

Tgt Ion:163 Resp: 1094983
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.3 8.2 12.2

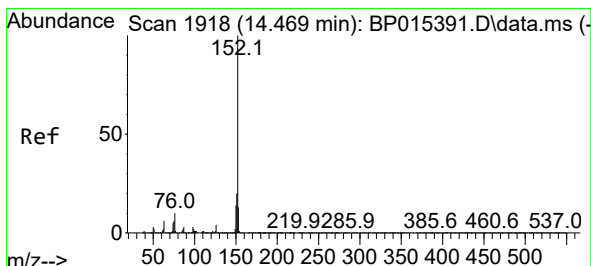
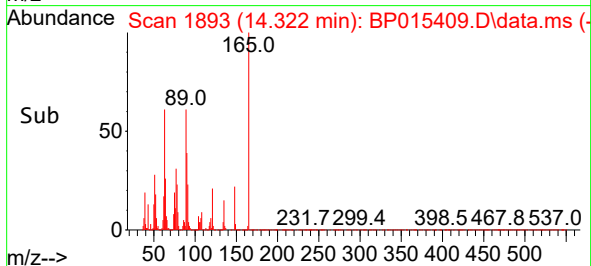
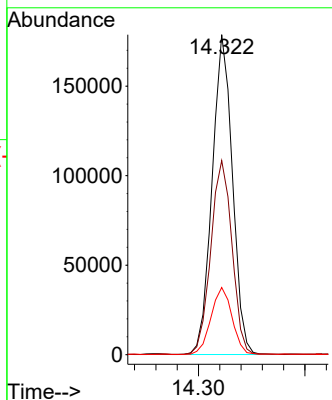
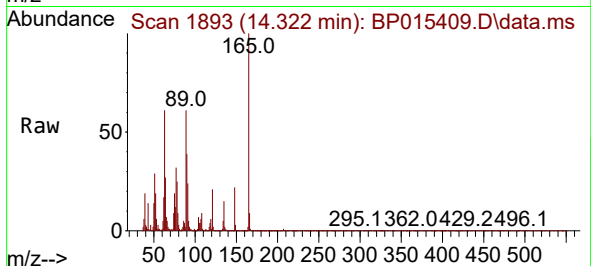




#48
2,6-Dinitrotoluene
Concen: 22.447 ng/ul
RT: 14.322 min Scan# 1893
Delta R.T. -0.000 min
Lab File: BP015409.D
Acq: 07 Jun 2023 20:56

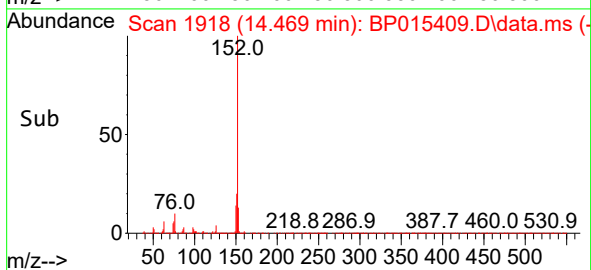
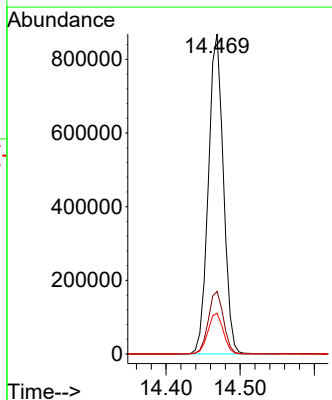
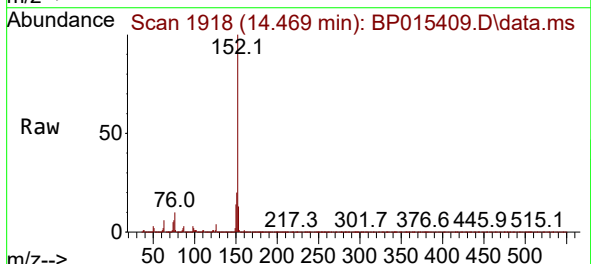
Instrument :
BNA_P
ClientSampleId :
EW990MSD

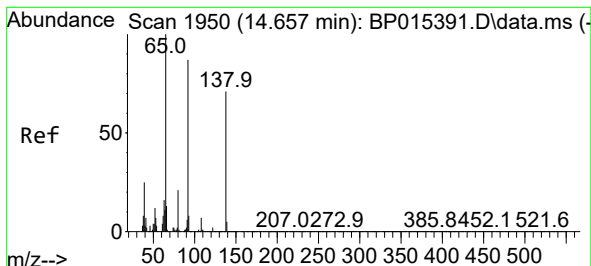
Tgt Ion:165 Resp: 236419
Ion Ratio Lower Upper
165 100
89 60.7 51.5 77.3
121 21.0 17.3 25.9



#50
Acenaphthylene
Concen: 20.287 ng/ul
RT: 14.469 min Scan# 1918
Delta R.T. -0.000 min
Lab File: BP015409.D
Acq: 07 Jun 2023 20:56

Tgt Ion:152 Resp: 1223112
Ion Ratio Lower Upper
152 100
151 19.5 16.0 24.0
153 12.8 10.6 15.8

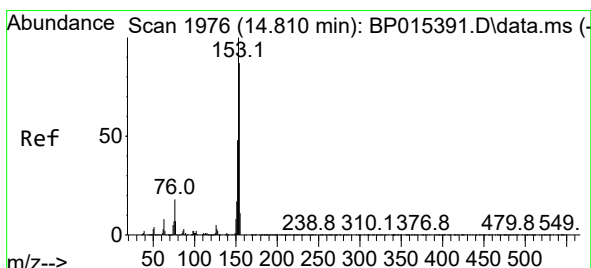
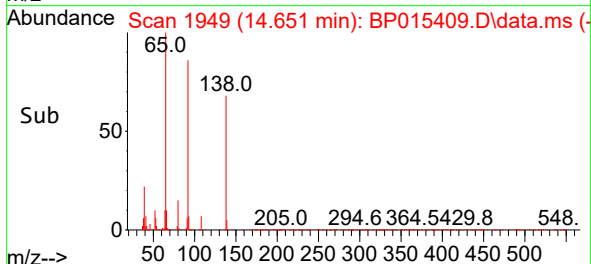
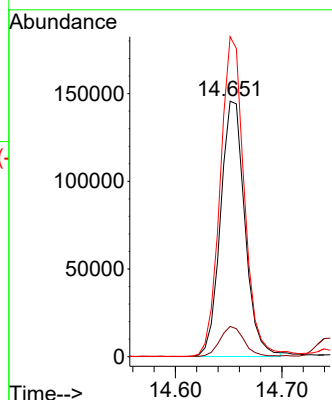
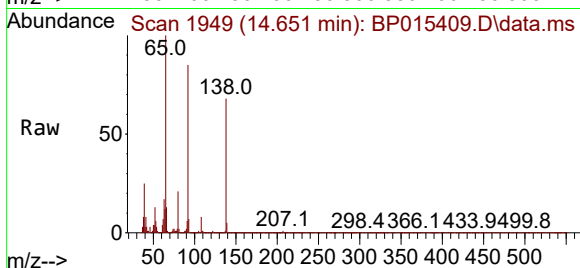




#51
3-Nitroaniline
Concen: 26.603 ng/ul
RT: 14.651 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP015409.D
Acq: 07 Jun 2023 20:56

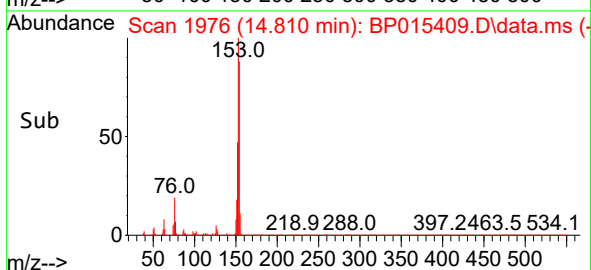
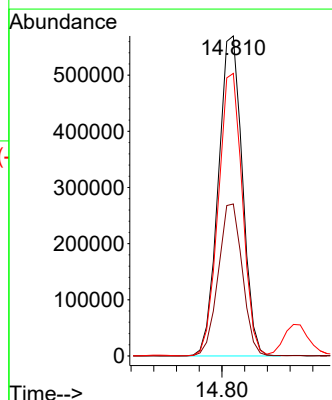
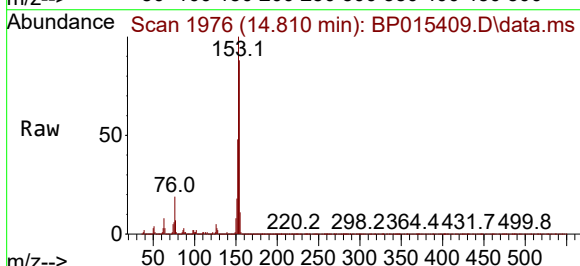
Instrument :
BNA_P
ClientSampleId :
EW990MSD

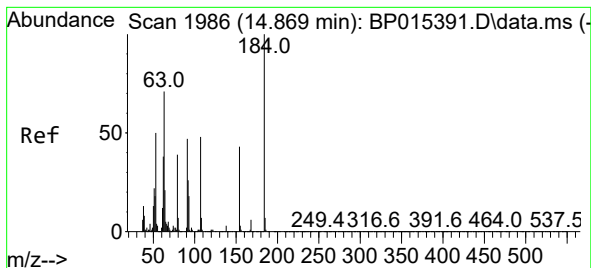
Tgt Ion:138 Resp: 231304
Ion Ratio Lower Upper
138 100
108 11.9 8.4 12.6
92 125.2 98.0 147.0



#52
Acenaphthene
Concen: 20.125 ng/ul
RT: 14.810 min Scan# 1976
Delta R.T. -0.000 min
Lab File: BP015409.D
Acq: 07 Jun 2023 20:56

Tgt Ion:153 Resp: 838746
Ion Ratio Lower Upper
153 100
152 47.5 38.3 57.5
154 88.3 69.8 104.6

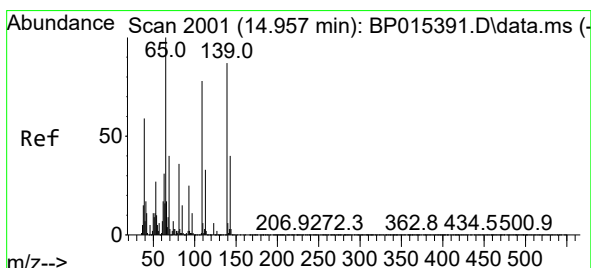
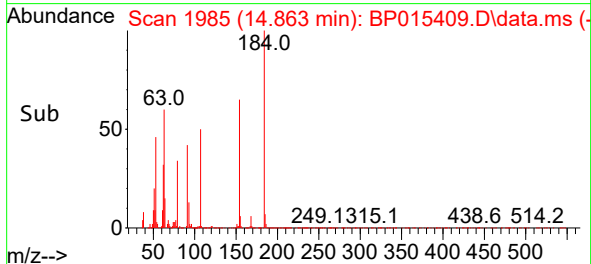
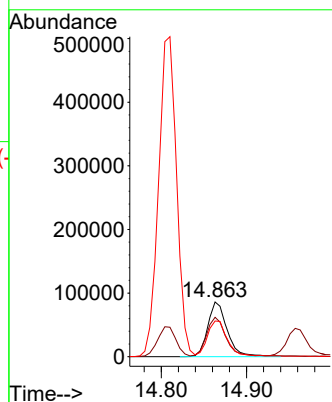
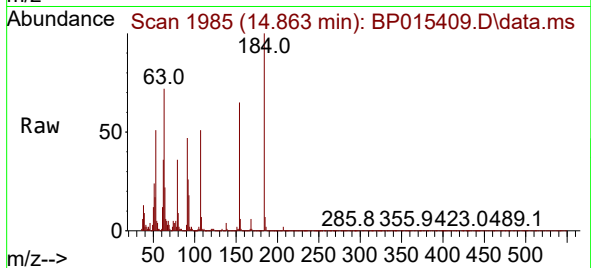




#53
2,4-Dinitrophenol
Concen: 21.516 ng/ul
RT: 14.863 min Scan# 1986
Delta R.T. -0.006 min
Lab File: BP015409.D
Acq: 07 Jun 2023 20:56

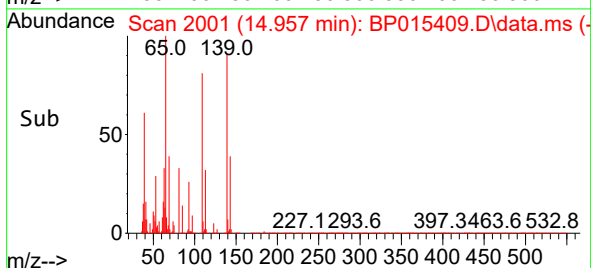
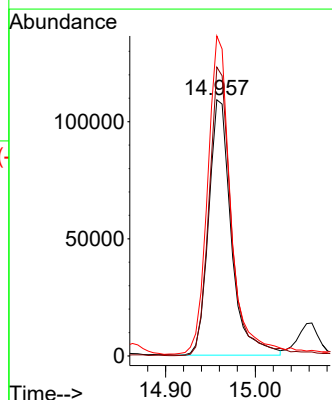
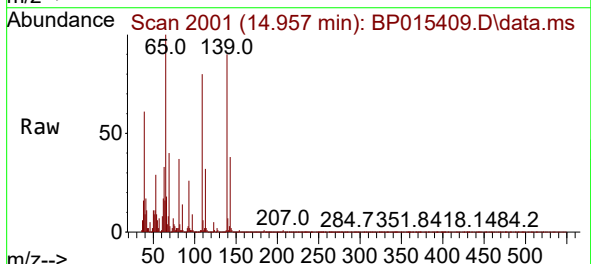
Instrument :
BNA_P
ClientSampleId :
EW990MSD

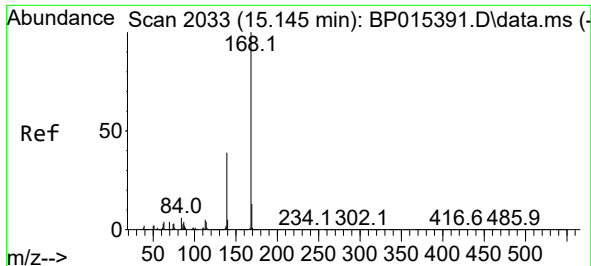
Tgt Ion:184 Resp: 136316
Ion Ratio Lower Upper
184 100
63 71.9 59.0 88.4
154 65.2 57.6 86.4



#55
4-Nitrophenol
Concen: 22.223 ng/ul
RT: 14.957 min Scan# 2001
Delta R.T. -0.000 min
Lab File: BP015409.D
Acq: 07 Jun 2023 20:56

Tgt Ion:109 Resp: 191127
Ion Ratio Lower Upper
109 100
139 112.8 89.1 133.7
65 124.9 103.1 154.7

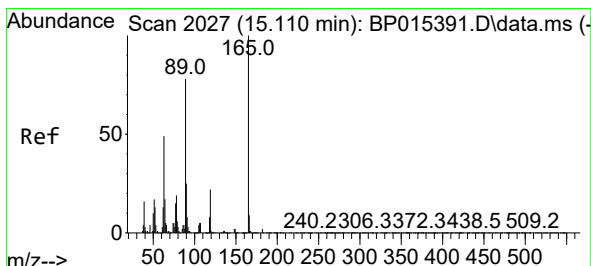
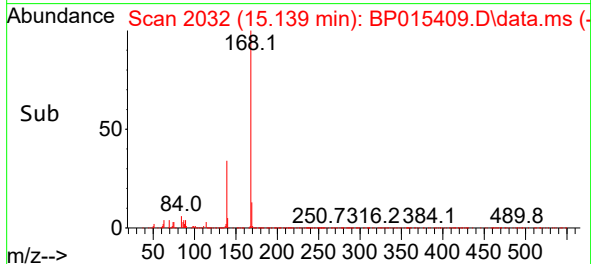
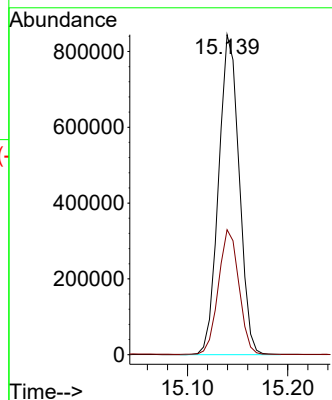
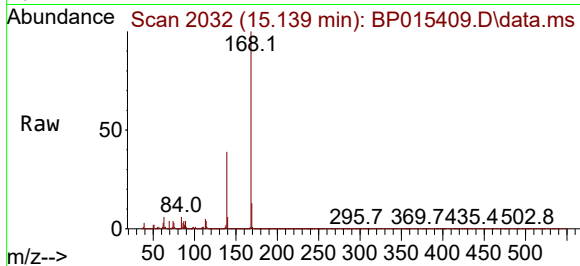




#56
Dibenzofuran
Concen: 20.315 ng/ul
RT: 15.139 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BP015409.D
Acq: 07 Jun 2023 20:56

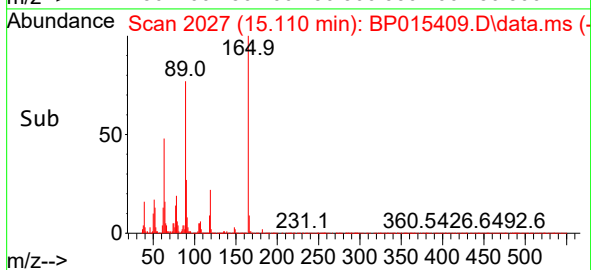
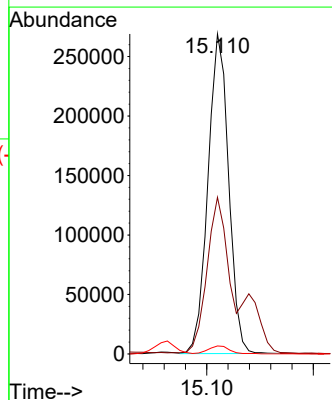
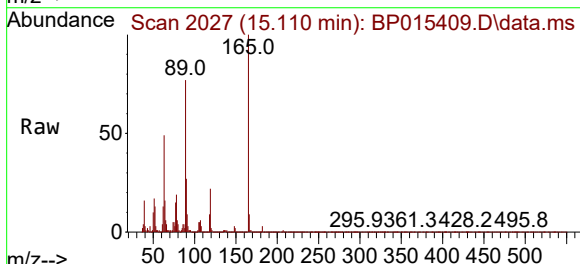
Instrument :
BNA_P
ClientSampleId :
EW990MSD

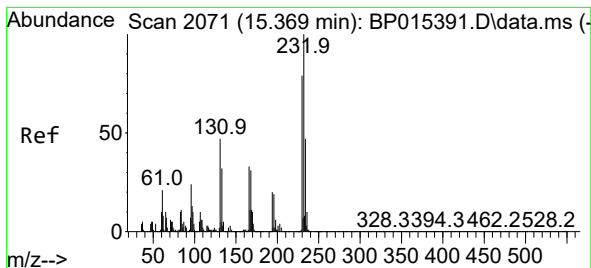
Tgt Ion:168 Resp: 1199977
Ion Ratio Lower Upper
168 100
139 39.0 31.2 46.8



#57
2,4-Dinitrotoluene
Concen: 23.347 ng/ul
RT: 15.110 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BP015409.D
Acq: 07 Jun 2023 20:56

Tgt Ion:165 Resp: 361670
Ion Ratio Lower Upper
165 100
63 49.0 39.1 58.7
182 2.5 2.2 3.4

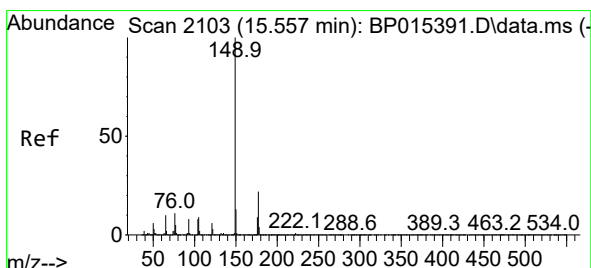
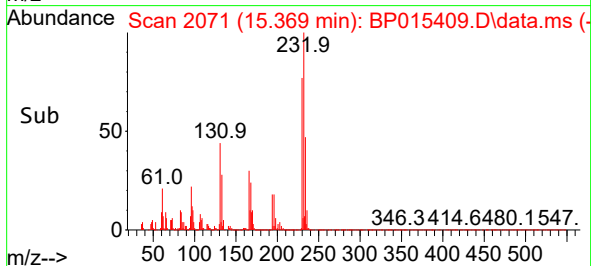
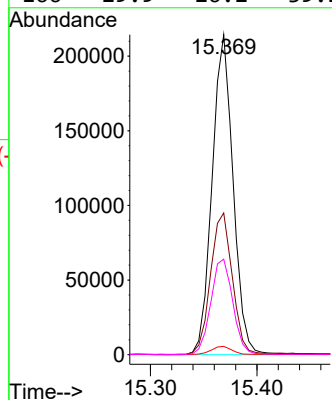
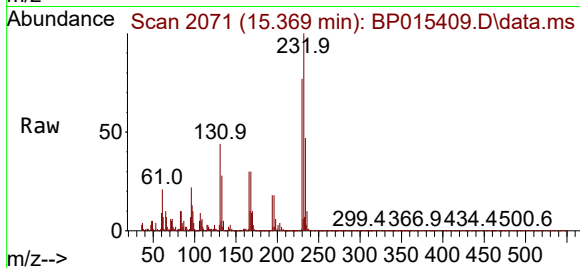




#58
2,3,4,6-Tetrachlorophenol
Concen: 22.799 ng/ul
RT: 15.369 min Scan# 2071
Delta R.T. -0.000 min
Lab File: BP015409.D
Acq: 07 Jun 2023 20:56

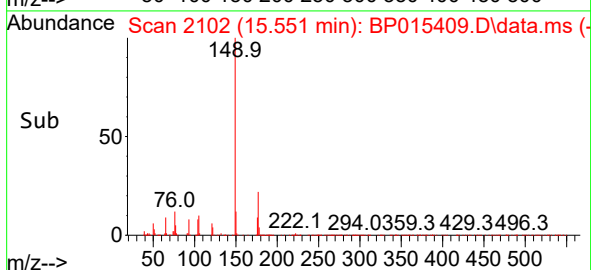
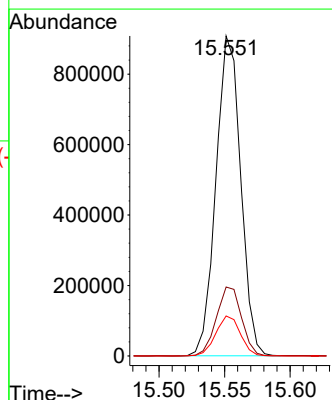
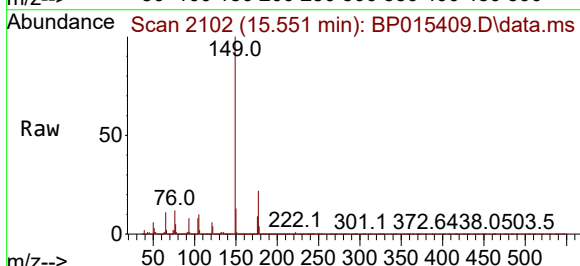
Instrument :
BNA_P
ClientSampleId :
EW990MSD

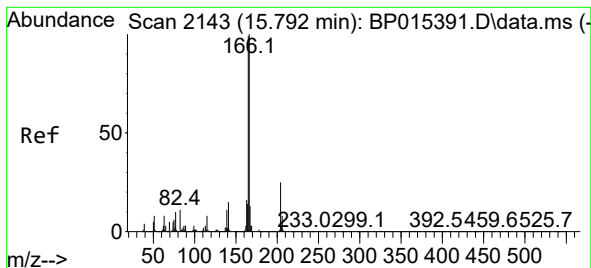
Tgt	Ion:232	Resp:	293544
Ion	Ratio	Lower	Upper
232	100		
131	44.3	37.8	56.8
130	2.6	1.9	2.9
166	29.9	26.2	39.2



#59
Diethylphthalate
Concen: 22.589 ng/ul
RT: 15.551 min Scan# 2102
Delta R.T. -0.006 min
Lab File: BP015409.D
Acq: 07 Jun 2023 20:56

Tgt Ion:149	Resp: 1190143		
Ion	Ratio	Lower	Upper
149	100		
177	21.5	17.8	26.8
150	12.5	10.1	15.1





#61

Fluorene

Concen: 20.795 ng/ul

RT: 15.792 min Scan# 2143

Delta R.T. -0.000 min

Lab File: BP015409.D

Acq: 07 Jun 2023 20:56

Instrument :

BNA_P

ClientSampleId :

EW990MSD

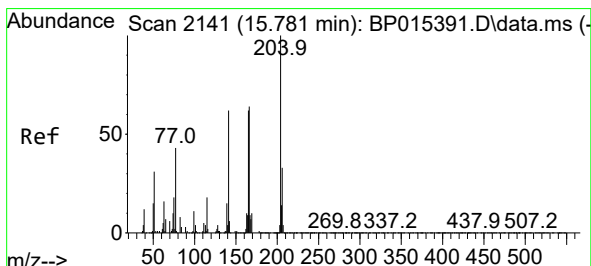
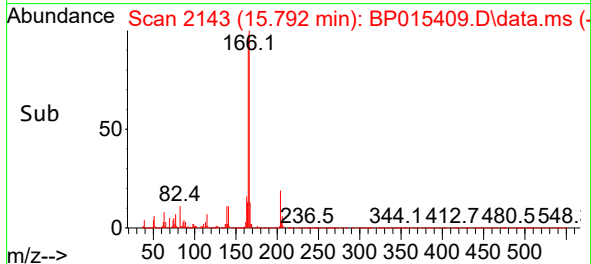
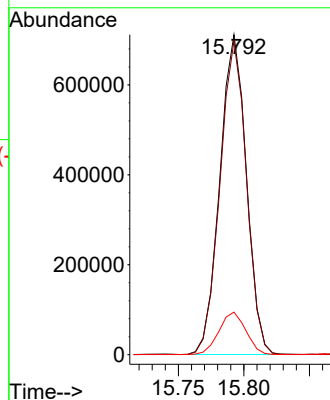
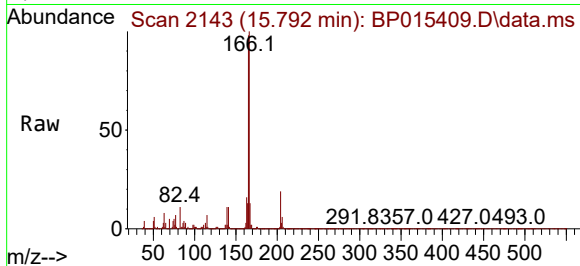
Tgt Ion:166 Resp: 1001333

Ion Ratio Lower Upper

166 100

165 98.0 79.1 118.7

167 13.3 10.6 16.0



#62

4-Chlorophenyl-phenylether

Concen: 20.800 ng/ul

RT: 15.781 min Scan# 2141

Delta R.T. -0.000 min

Lab File: BP015409.D

Acq: 07 Jun 2023 20:56

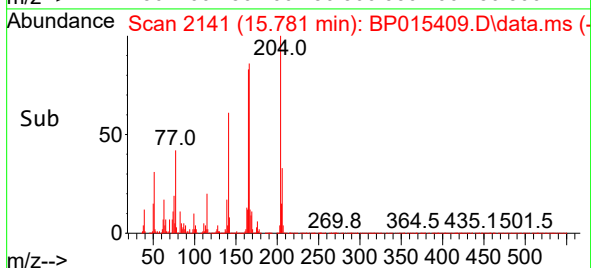
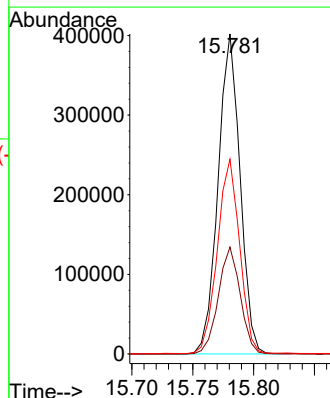
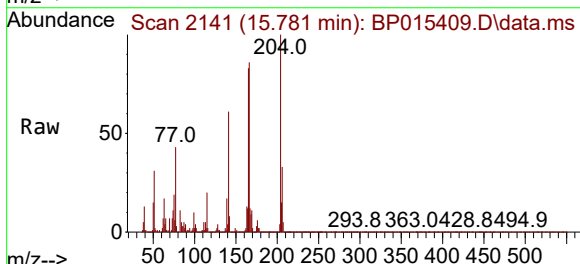
Tgt Ion:204 Resp: 504772

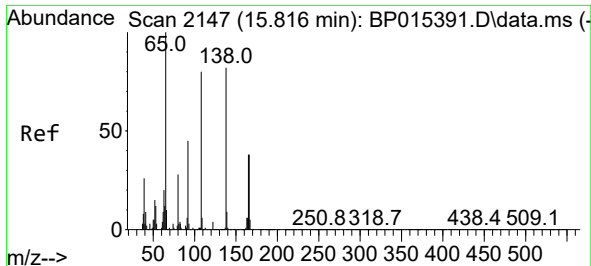
Ion Ratio Lower Upper

204 100

206 33.4 26.6 40.0

141 60.9 49.8 74.8

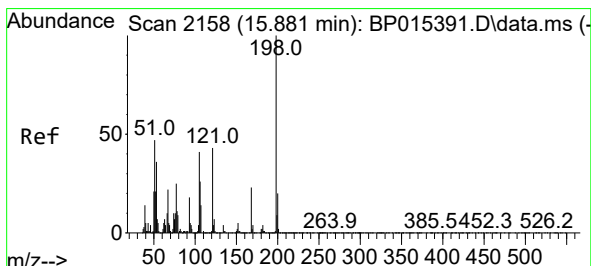
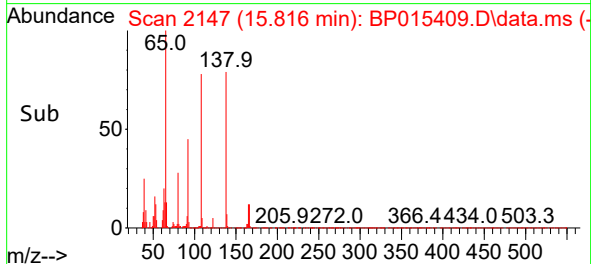
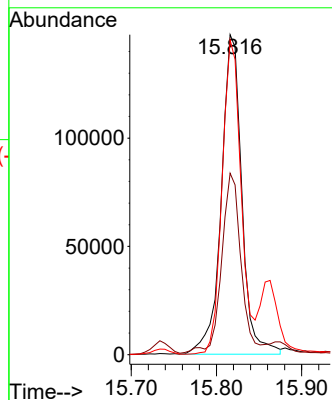
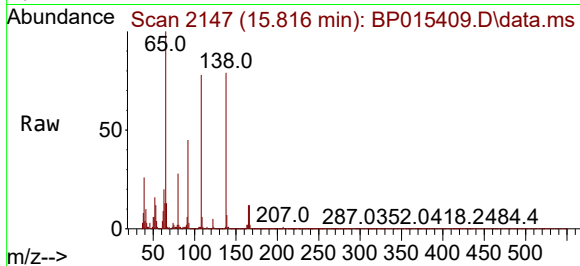




#63
4-Nitroaniline
Concen: 29.980 ng/ul
RT: 15.816 min Scan# 2147
Delta R.T. -0.000 min
Lab File: BP015409.D
Acq: 07 Jun 2023 20:56

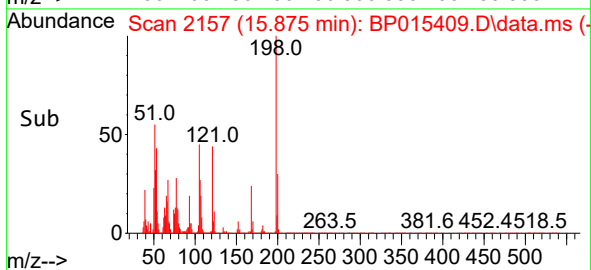
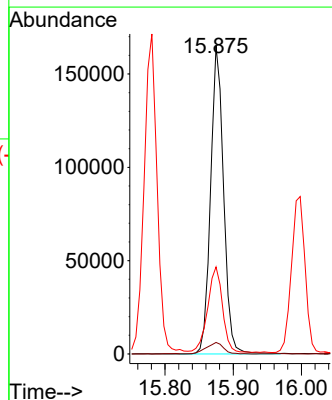
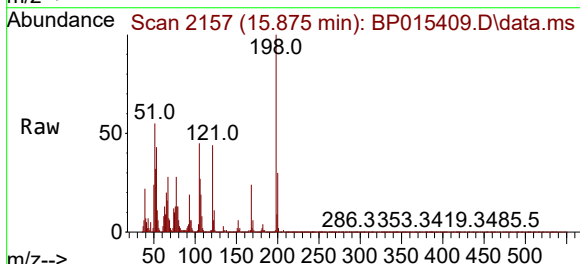
Instrument :
BNA_P
ClientSampleId :
EW990MSD

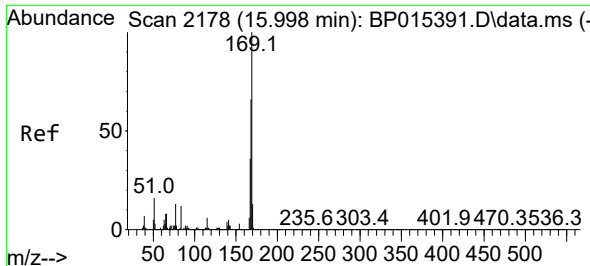
Tgt Ion:138 Resp: 247246
Ion Ratio Lower Upper
138 100
92 56.7 44.6 67.0
108 98.3 78.4 117.6



#66
4,6-Dinitro-2-methylphenol
Concen: 23.336 ng/ul
RT: 15.875 min Scan# 2157
Delta R.T. -0.006 min
Lab File: BP015409.D
Acq: 07 Jun 2023 20:56

Tgt Ion:198 Resp: 219051
Ion Ratio Lower Upper
198 100
182 3.8 3.0 4.4
77 28.3 20.5 30.7

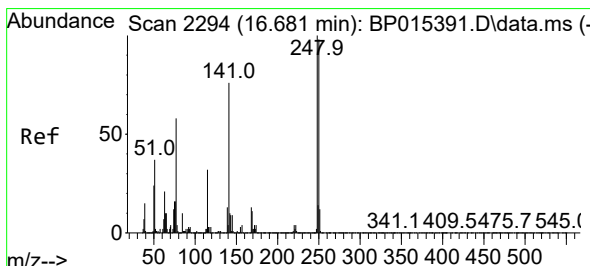
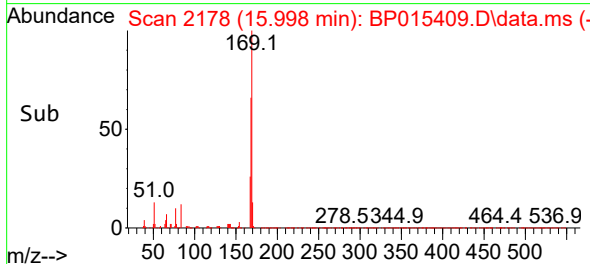
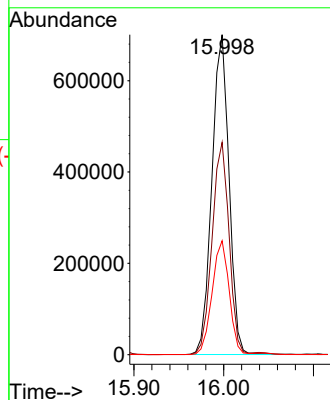
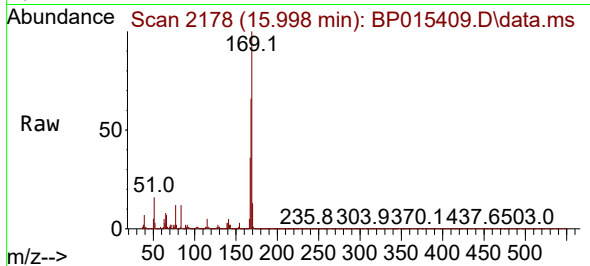




#67
N-Nitrosodiphenylamine
Concen: 22.483 ng/ul
RT: 15.998 min Scan# 2178
Delta R.T. -0.000 min
Lab File: BP015409.D
Acq: 07 Jun 2023 20:56

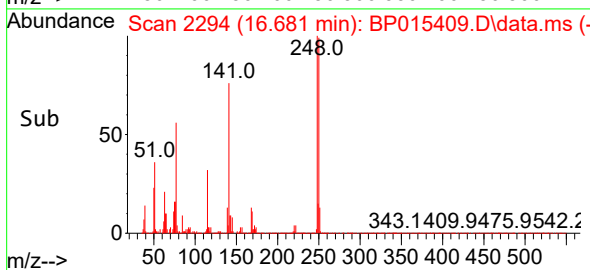
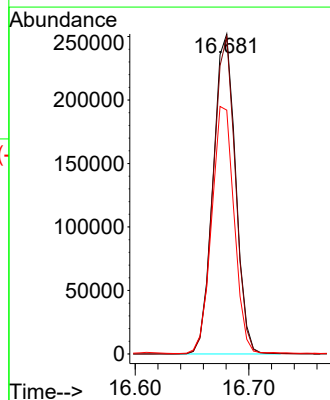
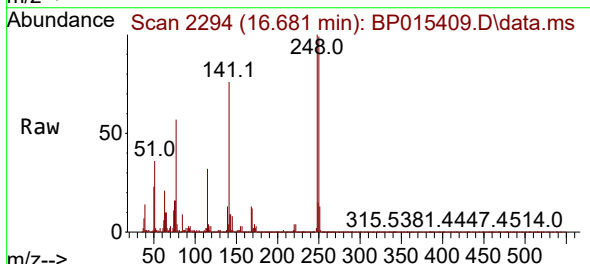
Instrument :
BNA_P
ClientSampleId :
EW990MSD

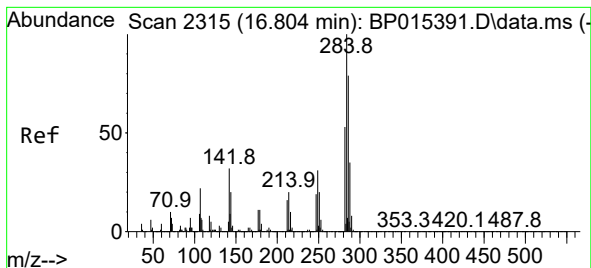
Tgt Ion:169 Resp: 926693
Ion Ratio Lower Upper
169 100
168 66.4 53.0 79.4
167 35.6 28.9 43.3



#68
4-Bromophenyl-phenylether
Concen: 22.330 ng/ul
RT: 16.681 min Scan# 2294
Delta R.T. -0.000 min
Lab File: BP015409.D
Acq: 07 Jun 2023 20:56

Tgt Ion:248 Resp: 347073
Ion Ratio Lower Upper
248 100
250 99.1 78.3 117.5
141 76.2 61.1 91.7





#69

Hexachlorobenzene

Concen: 22.744 ng/ul

RT: 16.798 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015409.D

Acq: 07 Jun 2023 20:56

Instrument :

BNA_P

ClientSampleId :

EW990MSD

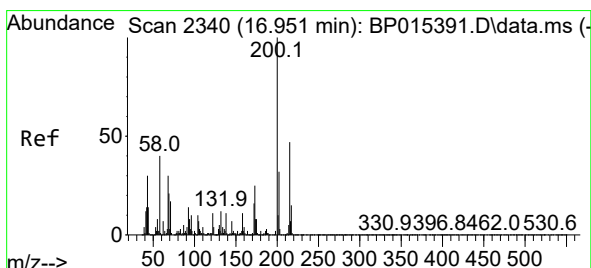
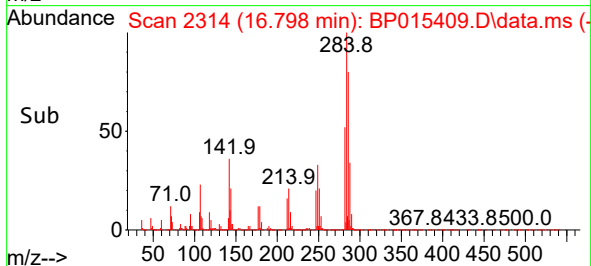
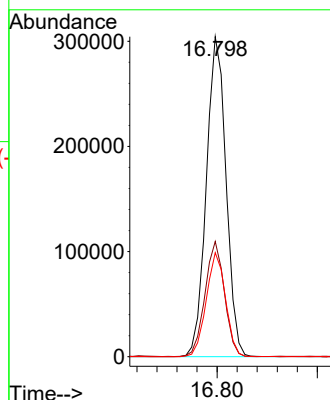
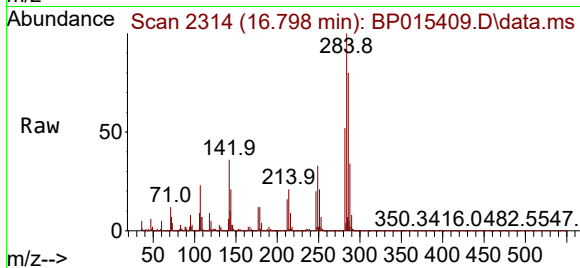
Tgt Ion:284 Resp: 416985

Ion Ratio Lower Upper

284 100

142 36.0 25.4 38.2

249 32.5 24.8 37.2



#70

Atrazine

Concen: 20.246 ng/ul

RT: 16.951 min Scan# 2340

Delta R.T. -0.000 min

Lab File: BP015409.D

Acq: 07 Jun 2023 20:56

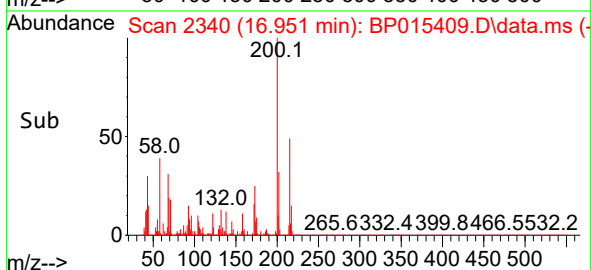
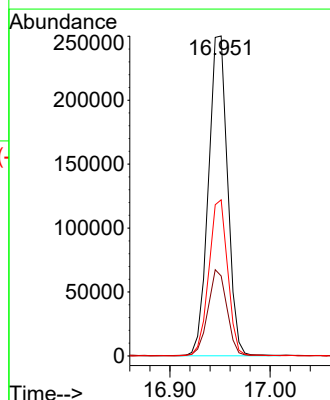
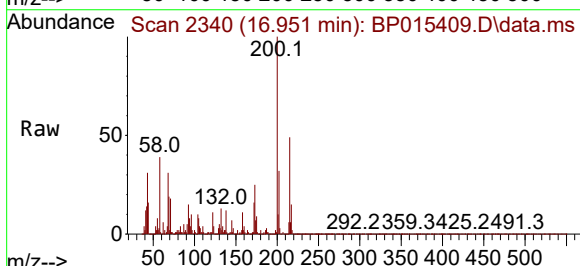
Tgt Ion:200 Resp: 333232

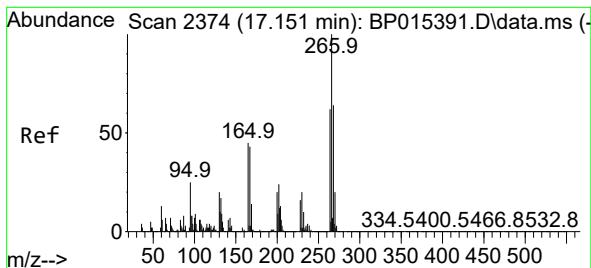
Ion Ratio Lower Upper

200 100

173 25.0 19.8 29.6

215 48.8 37.4 56.0





#71

Pentachlorophenol

Concen: 23.099 ng/ul

RT: 17.145 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015409.D

Acq: 07 Jun 2023 20:56

Instrument :

BNA_P

ClientSampleId :

EW990MSD

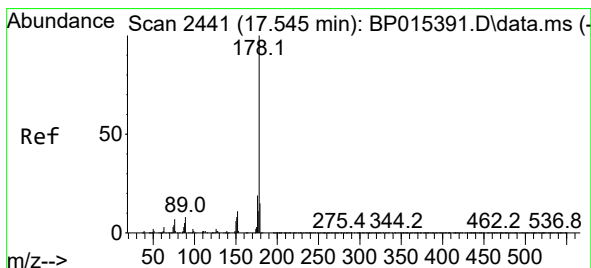
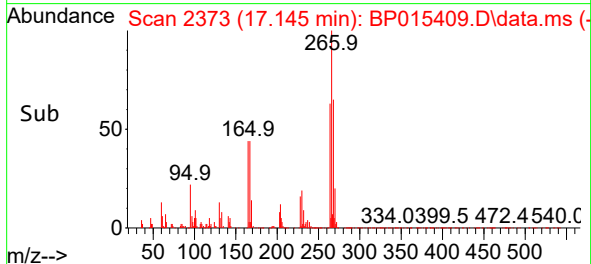
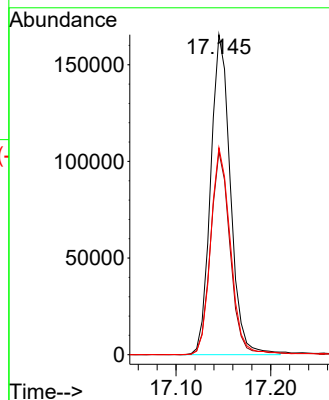
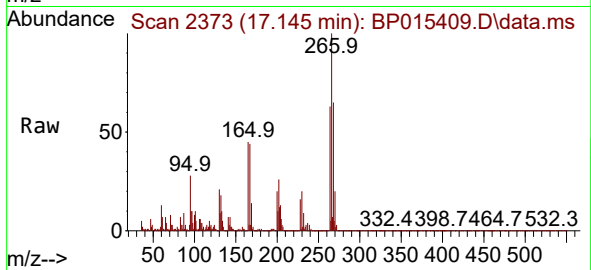
Tgt Ion:266 Resp: 239368

Ion Ratio Lower Upper

266 100

264 63.5 49.6 74.4

268 64.7 51.0 76.6



#72

Phenanthrene

Concen: 22.937 ng/ul

RT: 17.545 min Scan# 2441

Delta R.T. -0.000 min

Lab File: BP015409.D

Acq: 07 Jun 2023 20:56

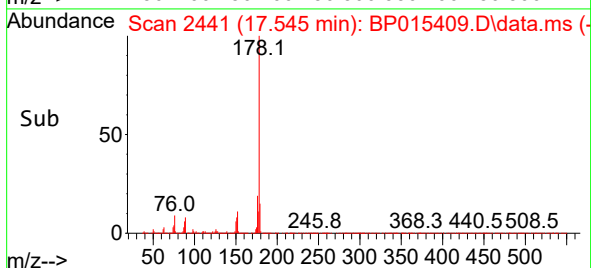
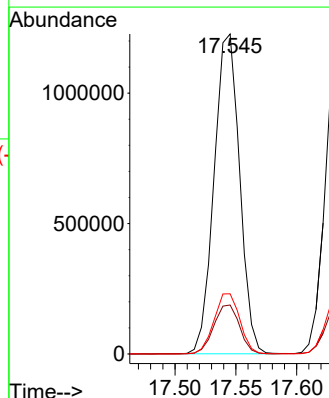
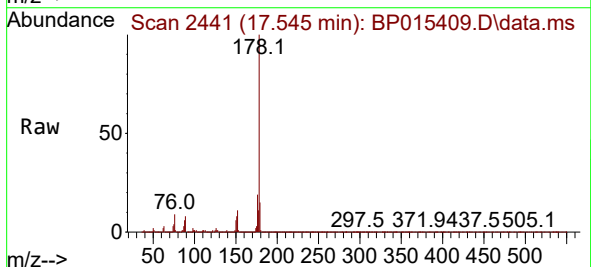
Tgt Ion:178 Resp: 1788249

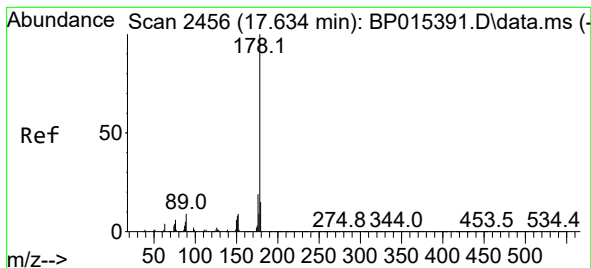
Ion Ratio Lower Upper

178 100

179 15.3 12.3 18.5

176 18.8 15.4 23.0





#74

Anthracene

Concen: 22.287 ng/uI

RT: 17.633 min Scan# 2456

Delta R.T. -0.000 min

Lab File: BP015409.D

Acq: 07 Jun 2023 20:56

Instrument :

BNA_P

ClientSampleId :

EW990MSD

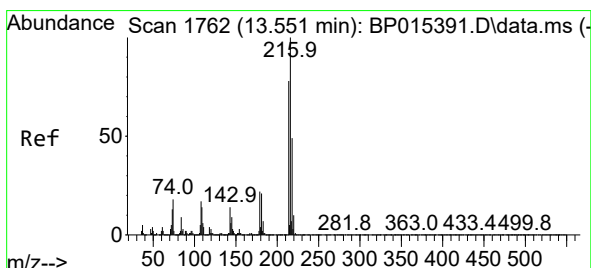
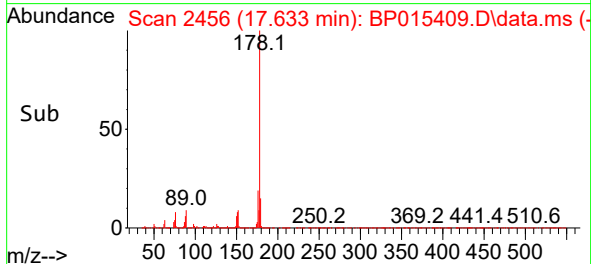
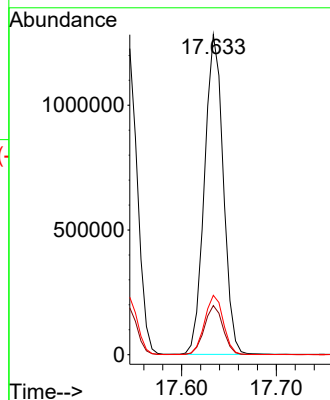
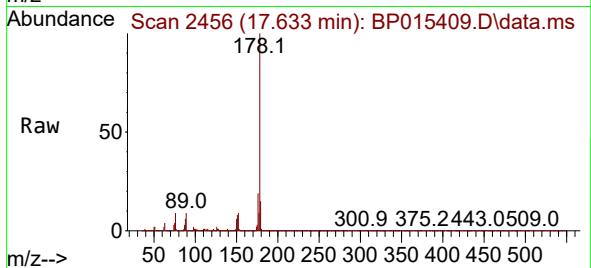
Tgt Ion:178 Resp: 1763032

Ion Ratio Lower Upper

178 100

179 15.4 12.4 18.6

176 18.5 15.0 22.4



#75

1,2,3,4-Tetrachlorobenzene

Concen: 20.843 ng/uI

RT: 13.545 min Scan# 1761

Delta R.T. -0.006 min

Lab File: BP015409.D

Acq: 07 Jun 2023 20:56

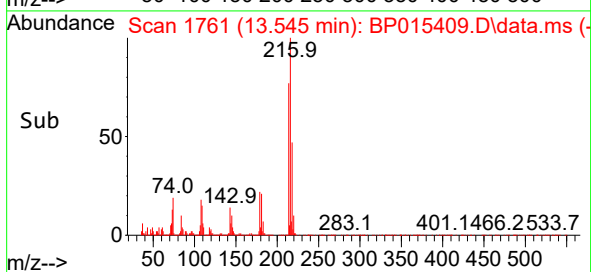
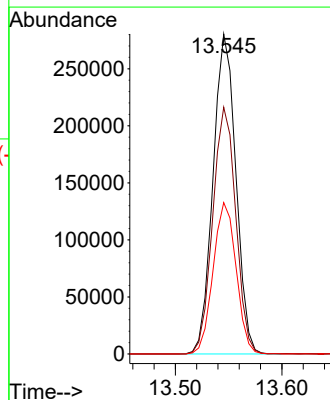
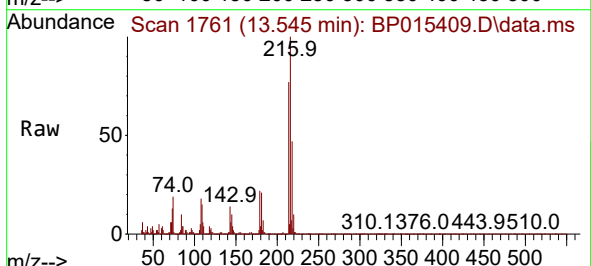
Tgt Ion:216 Resp: 417934

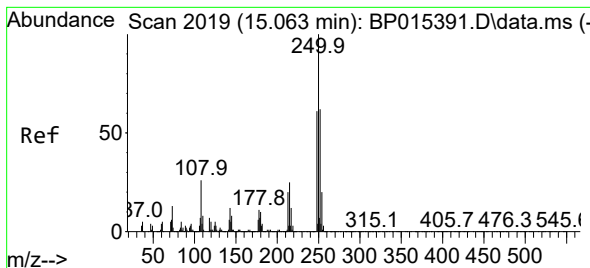
Ion Ratio Lower Upper

216 100

214 77.1 62.1 93.1

218 47.3 39.0 58.4





#76

Pentachlorobenzene

Concen: 19.899 ng/uL

RT: 15.063 min Scan# 2019

Delta R.T. -0.000 min

Lab File: BP015409.D

Acq: 07 Jun 2023 20:56

Instrument :

BNA_P

ClientSampleId :

EW990MSD

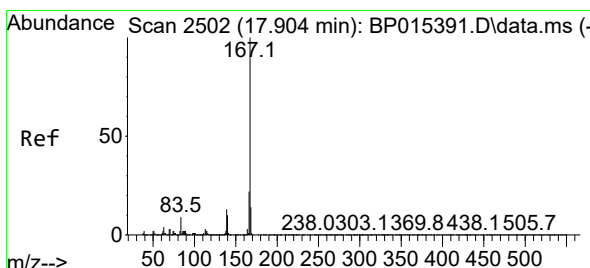
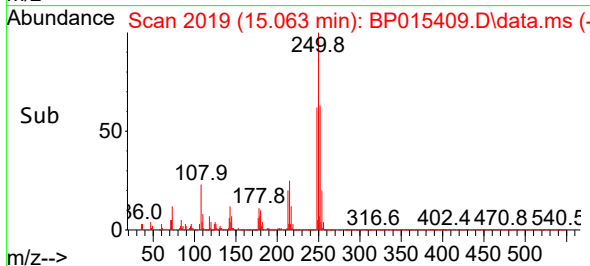
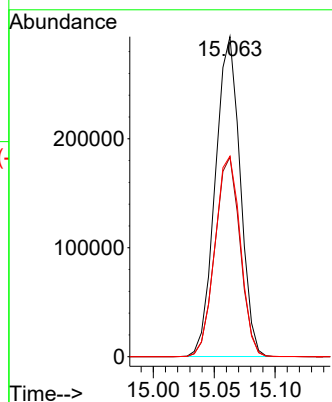
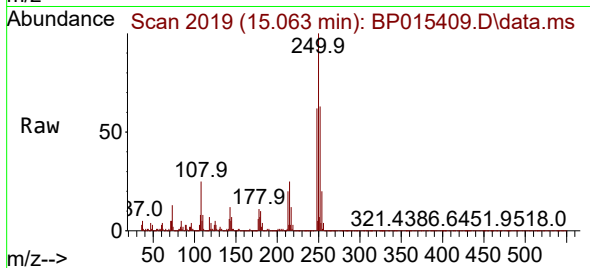
Tgt Ion:250 Resp: 417757

Ion Ratio Lower Upper

250 100

248 62.4 49.0 73.4

252 62.6 49.9 74.9



#77

Carbazole

Concen: 23.710 ng/uL

RT: 17.904 min Scan# 2502

Delta R.T. -0.000 min

Lab File: BP015409.D

Acq: 07 Jun 2023 20:56

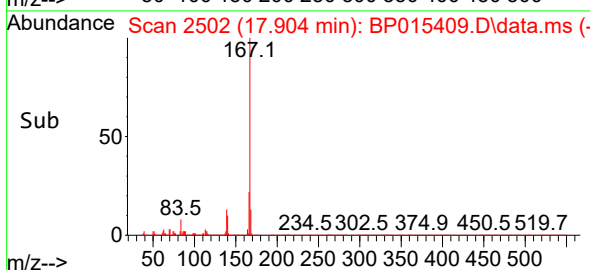
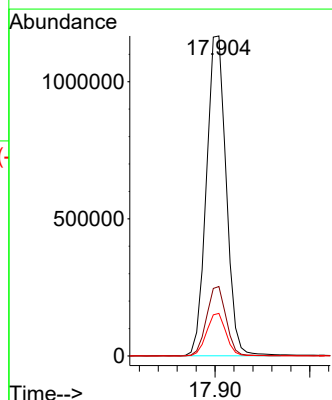
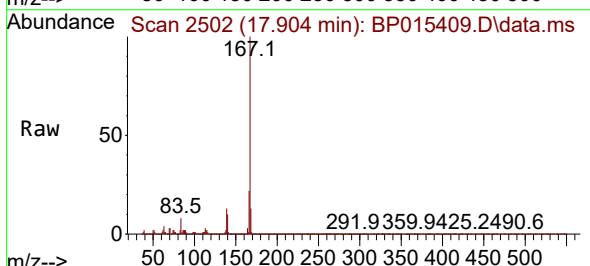
Tgt Ion:167 Resp: 1688814

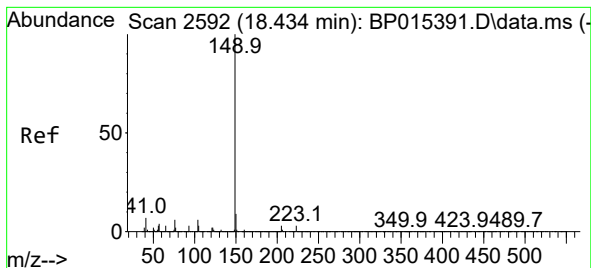
Ion Ratio Lower Upper

167 100

166 21.7 17.2 25.8

139 13.3 10.6 16.0





#78

Di-n-butylphthalate

Concen: 25.118 ng/ul

RT: 18.428 min Scan# 2592

Delta R.T. -0.006 min

Lab File: BP015409.D

Acq: 07 Jun 2023 20:56

Instrument :

BNA_P

ClientSampleId :

EW990MSD

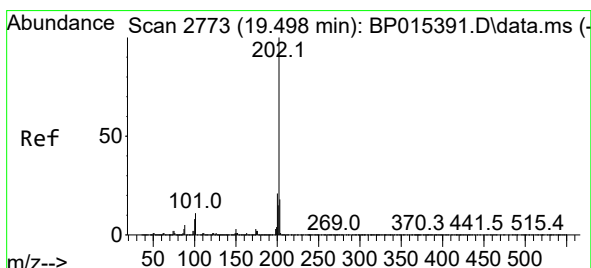
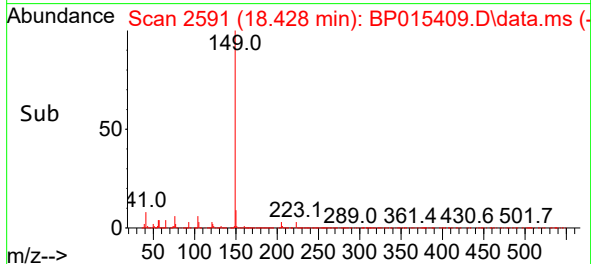
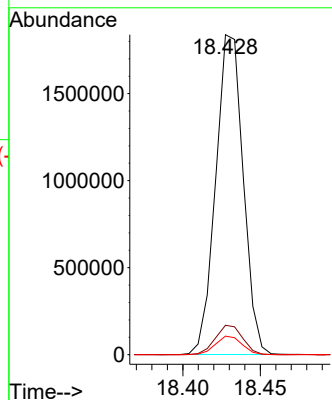
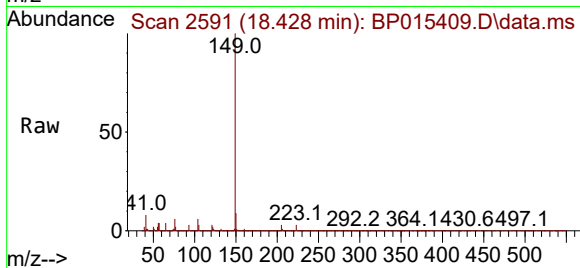
Tgt Ion:149 Resp: 2269949

Ion Ratio Lower Upper

149 100

150 9.2 7.1 10.7

104 5.8 4.5 6.7



#80

Fluoranthene

Concen: 24.981 ng/ul

RT: 19.498 min Scan# 2773

Delta R.T. -0.000 min

Lab File: BP015409.D

Acq: 07 Jun 2023 20:56

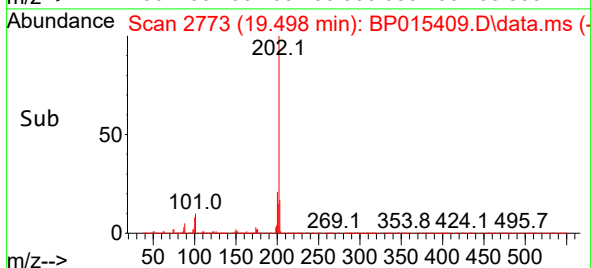
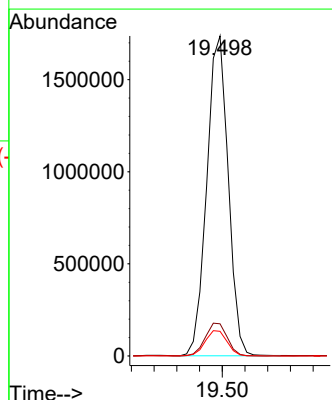
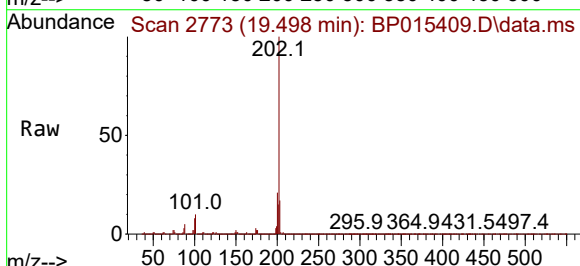
Tgt Ion:202 Resp: 2273365

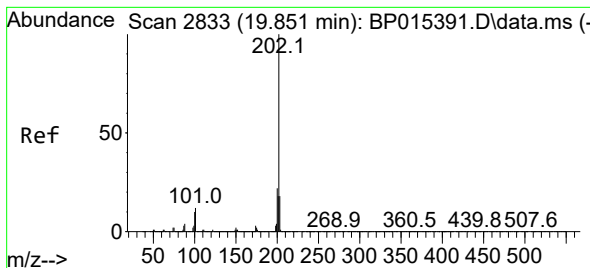
Ion Ratio Lower Upper

202 100

101 10.1 8.6 13.0

100 7.7 6.6 9.8





#82

Pyrene

Concen: 24.653 ng/ul

RT: 19.851 min Scan# 2833

Delta R.T. -0.000 min

Lab File: BP015409.D

Acq: 07 Jun 2023 20:56

Instrument :

BNA_P

ClientSampleId :

EW990MSD

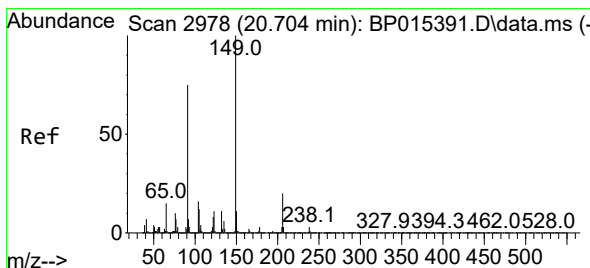
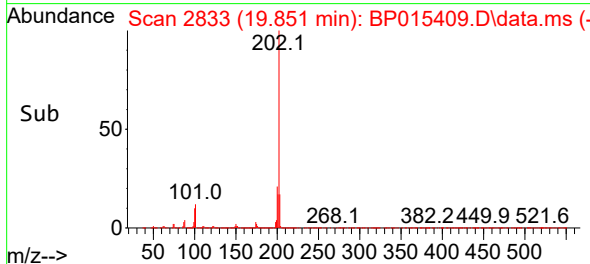
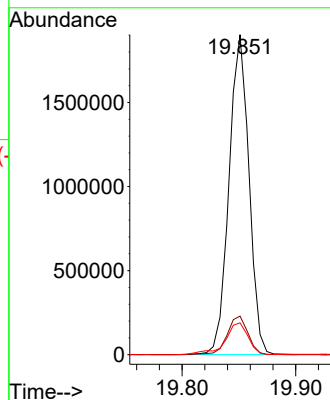
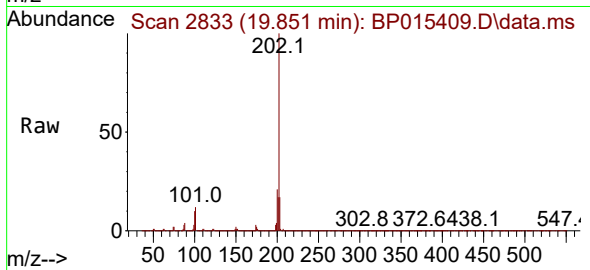
Tgt Ion:202 Resp: 2321145

Ion Ratio Lower Upper

202 100

101 12.0 9.9 14.9

100 9.9 8.4 12.6



#83

Butylbenzylphthalate

Concen: 26.452 ng/ul

RT: 20.704 min Scan# 2978

Delta R.T. -0.000 min

Lab File: BP015409.D

Acq: 07 Jun 2023 20:56

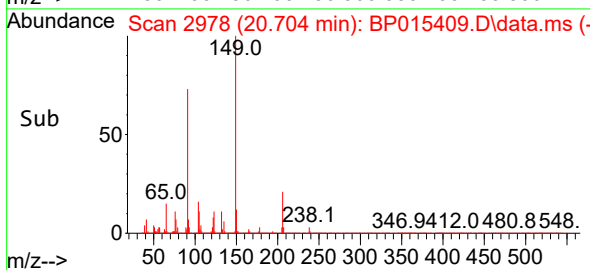
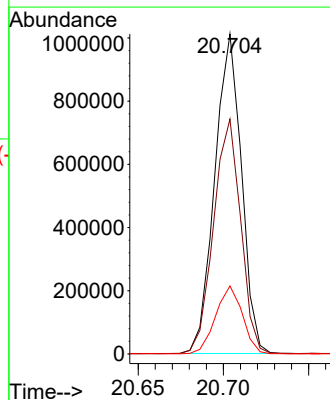
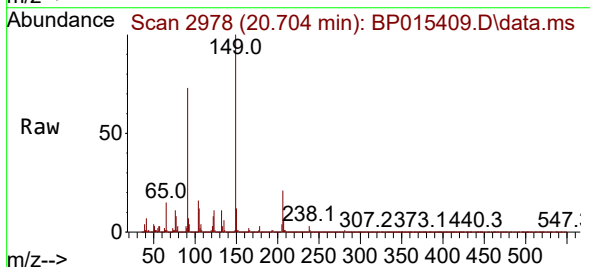
Tgt Ion:149 Resp: 1100765

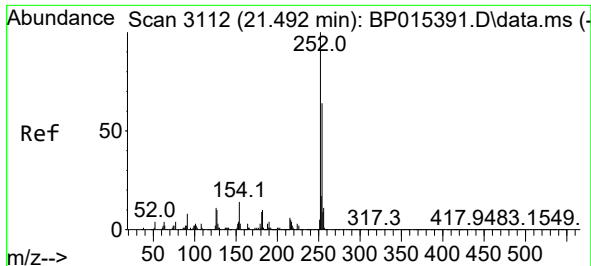
Ion Ratio Lower Upper

149 100

91 73.4 60.4 90.6

206 21.2 16.4 24.6

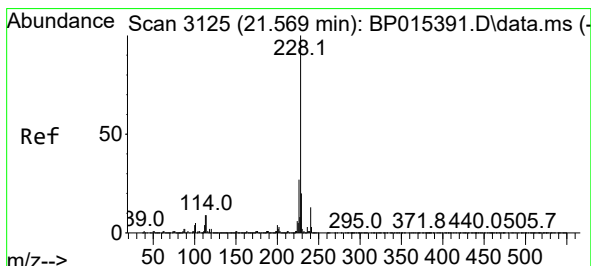
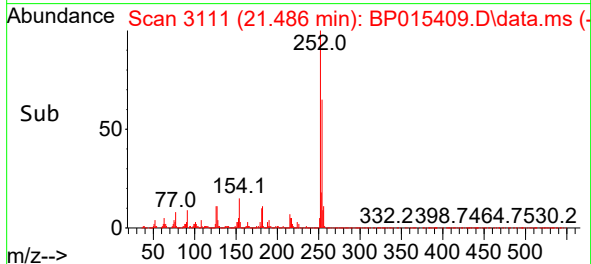
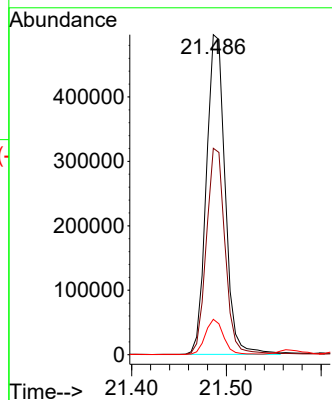
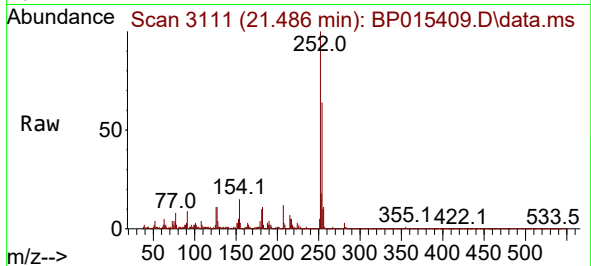




#84
3,3'-Dichlorobenzidine
Concen: 20.649 ng/ul
RT: 21.486 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BP015409.D
Acq: 07 Jun 2023 20:56

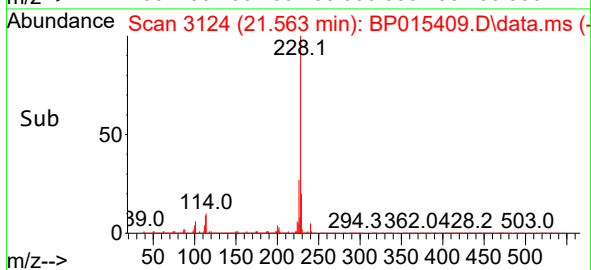
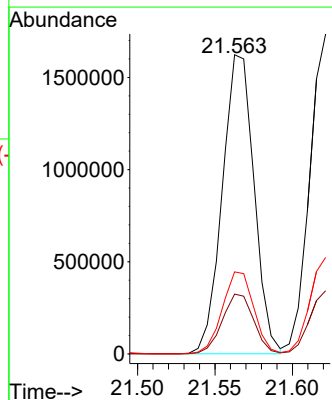
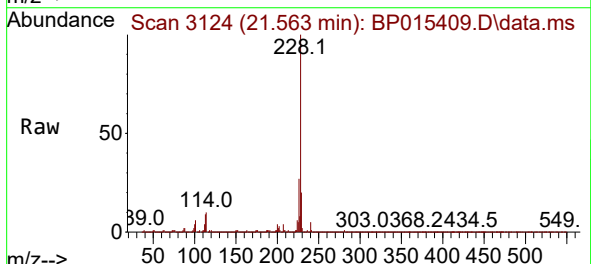
Instrument :
BNA_P
ClientSampleId :
EW990MSD

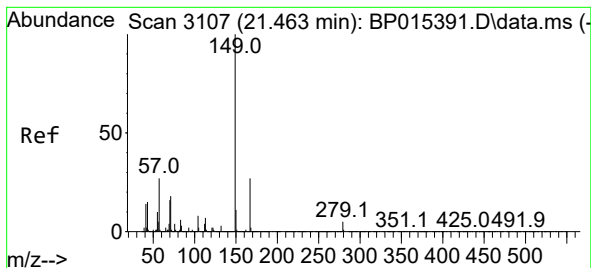
Tgt Ion:252 Resp: 680972
Ion Ratio Lower Upper
252 100
254 64.5 51.6 77.4
126 11.1 8.5 12.7



#85
Benzo(a)anthracene
Concen: 23.687 ng/ul
RT: 21.563 min Scan# 3124
Delta R.T. -0.006 min
Lab File: BP015409.D
Acq: 07 Jun 2023 20:56

Tgt Ion:228 Resp: 2311472
Ion Ratio Lower Upper
228 100
229 20.0 15.8 23.6
226 27.4 21.8 32.6





#86

Bis(2-ethylhexyl)phthalate

Concen: 26.594 ng/ul

RT: 21.457 min Scan# 3106

Delta R.T. -0.006 min

Lab File: BP015409.D

Acq: 07 Jun 2023 20:56

Instrument :

BNA_P

ClientSampleId :

EW990MSD

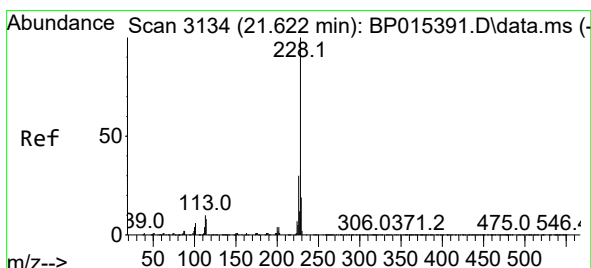
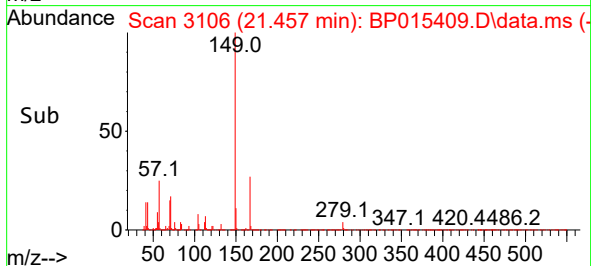
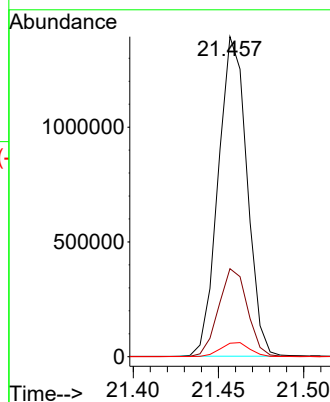
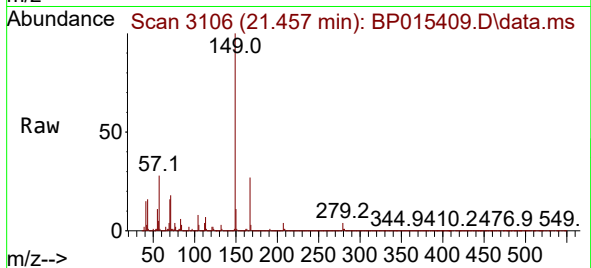
Tgt Ion:149 Resp: 1635731

Ion Ratio Lower Upper

149 100

167 27.5 21.8 32.8

279 4.2 3.7 5.5



#87

Chrysene

Concen: 23.777 ng/ul

RT: 21.621 min Scan# 3134

Delta R.T. -0.000 min

Lab File: BP015409.D

Acq: 07 Jun 2023 20:56

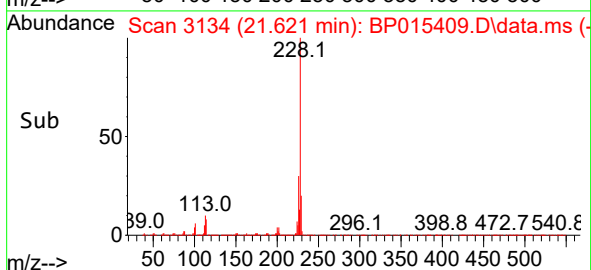
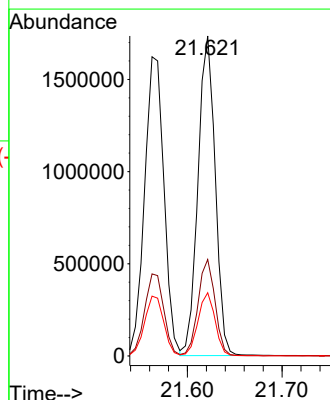
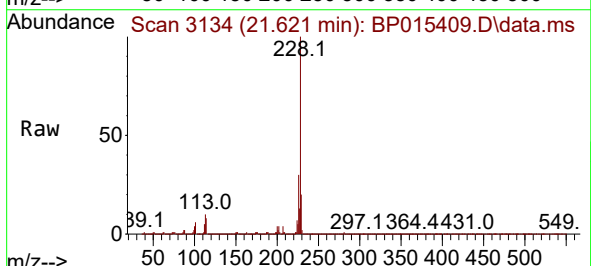
Tgt Ion:228 Resp: 2193175

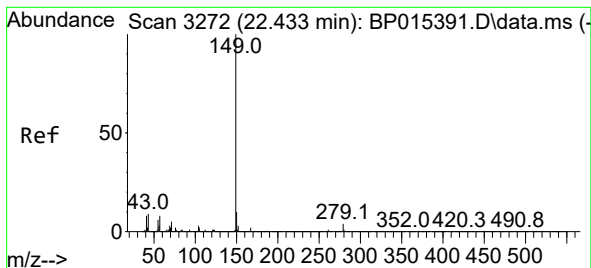
Ion Ratio Lower Upper

228 100

226 30.2 23.9 35.9

229 19.8 15.1 22.7





#89

Di-n-octyl phthalate

Concen: 27.179 ng/ul

RT: 22.433 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP015409.D

Acq: 07 Jun 2023 20:56

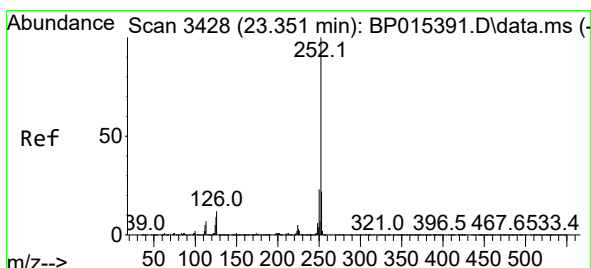
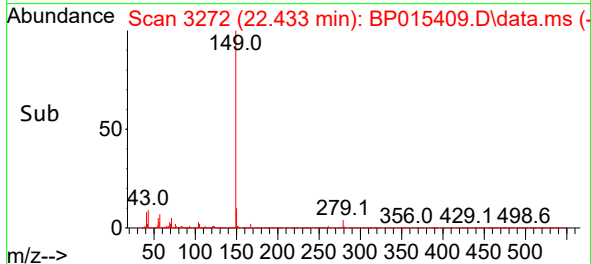
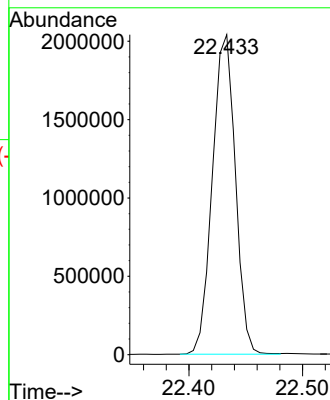
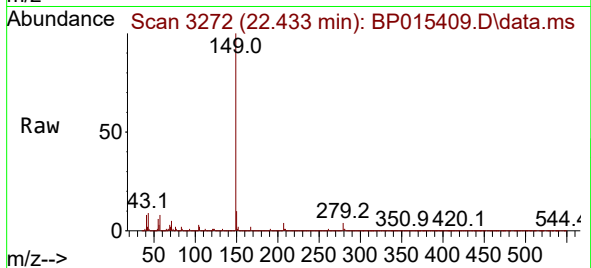
Instrument :

BNA_P

ClientSampleId :

EW990MSD

Tgt Ion:149 Resp: 2864004



#90

Benzo(b)fluoranthene

Concen: 23.714 ng/ul

RT: 23.351 min Scan# 3428

Delta R.T. -0.000 min

Lab File: BP015409.D

Acq: 07 Jun 2023 20:56

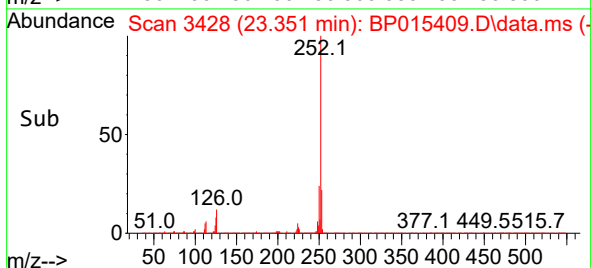
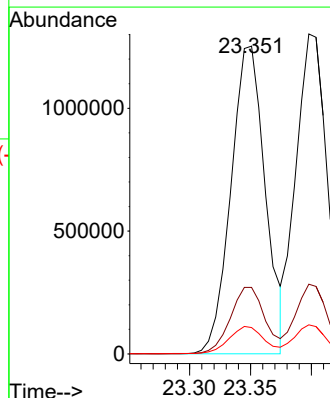
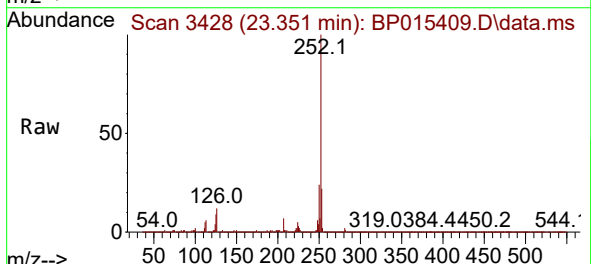
Tgt Ion:252 Resp: 2454300

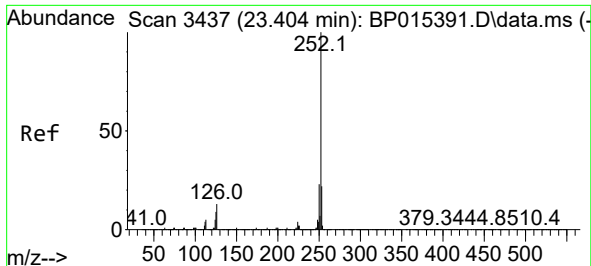
Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.2

125 8.6 7.3 10.9

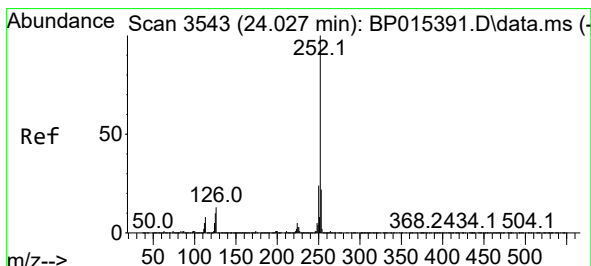
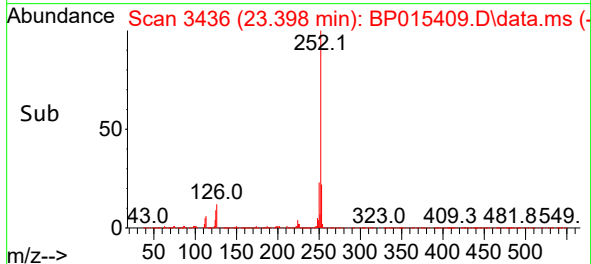
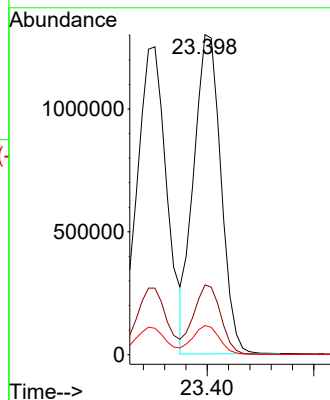
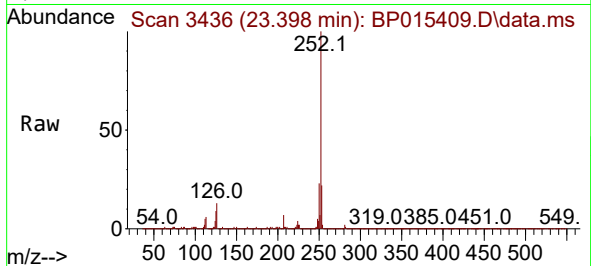




#91
Benzo(k)fluoranthene
Concen: 23.151 ng/ul
RT: 23.398 min Scan# 3436
Delta R.T. -0.006 min
Lab File: BP015409.D
Acq: 07 Jun 2023 20:56

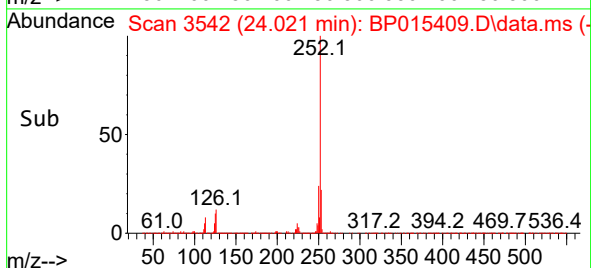
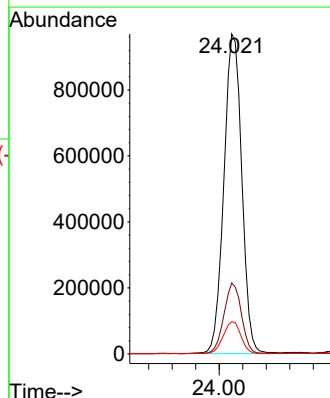
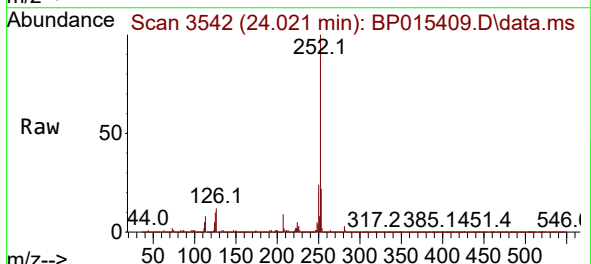
Instrument :
BNA_P
ClientSampleId :
EW990MSD

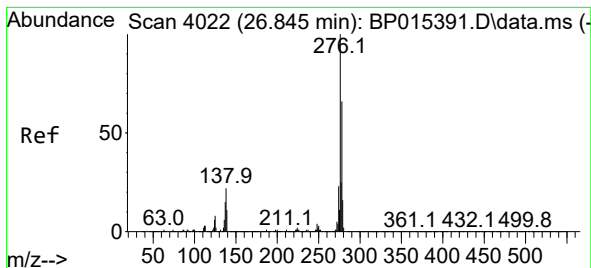
Tgt Ion:252 Resp: 2316084
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 9.1 7.3 10.9



#93
Benzo(a)pyrene
Concen: 22.682 ng/ul
RT: 24.021 min Scan# 3542
Delta R.T. -0.006 min
Lab File: BP015409.D
Acq: 07 Jun 2023 20:56

Tgt Ion:252 Resp: 2046652
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 10.0 8.1 12.1





#94

Indeno(1,2,3-cd)pyrene

Concen: 21.094 ng/ul

RT: 26.845 min Scan# 4022

Delta R.T. -0.000 min

Lab File: BP015409.D

Acq: 07 Jun 2023 20:56

Instrument :

BNA_P

ClientSampleId :

EW990MSD

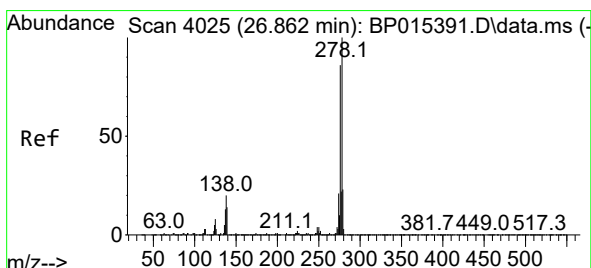
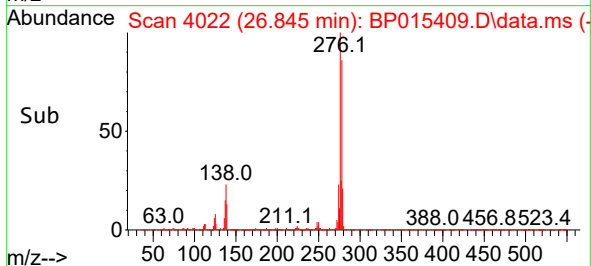
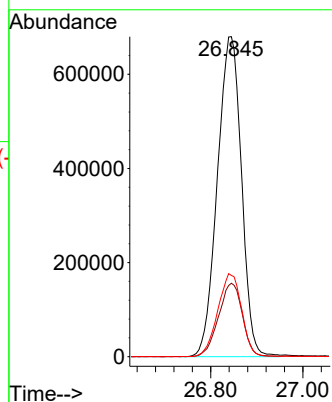
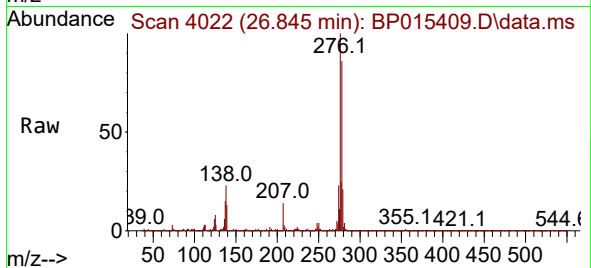
Tgt Ion:276 Resp: 2463233

Ion Ratio Lower Upper

276 100

138 23.0 17.3 25.9

277 25.4 20.2 30.2



#95

Dibenzo(a,h)anthracene

Concen: 21.618 ng/ul

RT: 26.856 min Scan# 4024

Delta R.T. -0.006 min

Lab File: BP015409.D

Acq: 07 Jun 2023 20:56

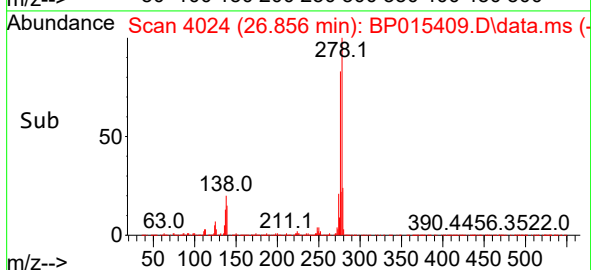
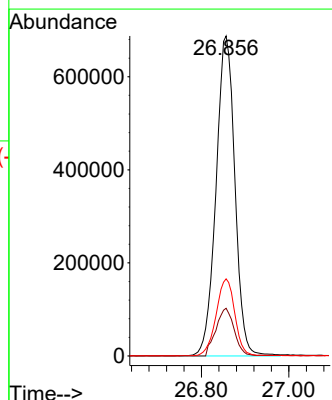
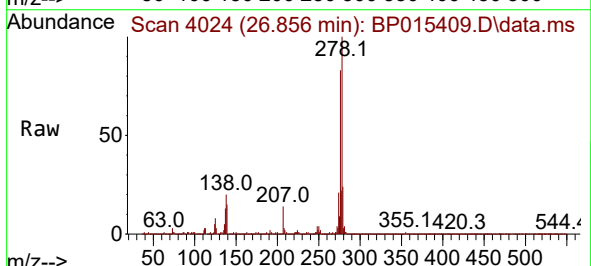
Tgt Ion:278 Resp: 2056718

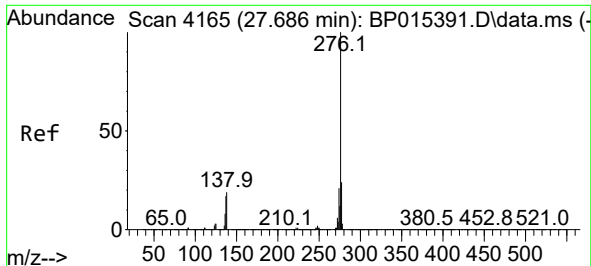
Ion Ratio Lower Upper

278 100

139 14.9 11.4 17.0

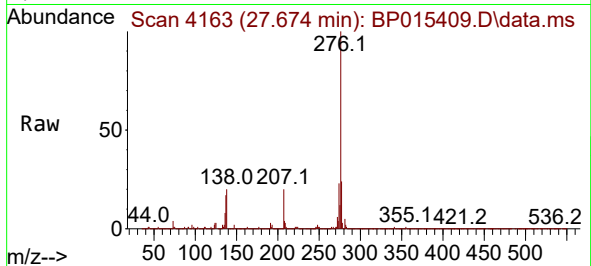
279 24.1 18.7 28.1





#96
 Benzo(g,h,i)perylene
 Concen: 18.224 ng/ul
 RT: 27.674 min Scan# 4163
 Delta R.T. -0.012 min
 Lab File: BP015409.D
 Acq: 07 Jun 2023 20:56

Instrument :
 BNA_P
 ClientSampleId :
 EW990MSD



Tgt Ion:276 Resp: 1753758

Ion	Ratio	Lower	Upper
276	100		
138	19.5	15.6	23.4
277	24.1	19.0	28.6

