

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060823\
 Data File : BP015432.D
 Acq On : 08 Jun 2023 12:41
 Operator : MA/JU
 Sample : 02951-06MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW999MSD

Quant Time: Jun 09 01:16:23 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	129493	20.000	ng/u1	0.00
20) Naphthalene-d8	10.928	136	607321	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.740	164	408927	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.498	188	952902	20.000	ng/u1	0.00
79) Chrysene-d12	21.580	240	938893	20.000	ng/u1	0.00
88) Perylene-d12	24.133	264	1028944	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.411	96	12116	3.465	ng/uL	0.00
4) Pyridine-d5	3.858	84	56482	6.218	ng/u1	0.00
7) Phenol-d5	7.252	99	251188	21.056	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.416	67	159539	22.392	ng/u1	0.00
11) 2-Chlorophenol-d4	7.622	132	197668	22.853	ng/u1	0.00
15) 4-Methylphenol-d8	8.810	113	216156	22.077	ng/u1	0.00
21) Nitrobenzene-d5	9.275	128	110243	23.121	ng/u1	0.00
24) 2-Nitrophenol-d4	10.005	143	127671	23.447	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.546	165	233843	23.543	ng/u1	0.00
31) 4-Chloroaniline-d4	11.063	131	279735	19.620	ng/u1	0.00
46) Dimethylphthalate-d6	14.145	166	841171	26.086	ng/u1	0.00
49) Acenaphthylene-d8	14.434	160	885227	25.106	ng/u1	0.00
54) 4-Nitrophenol-d4	14.940	143	139406	24.141	ng/u1	0.00
60) Fluorene-d10	15.734	176	686303	25.239	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	149305	24.733	ng/u1	0.00
73) Anthracene-d10	17.598	188	1128055	26.019	ng/u1	0.00
81) Pyrene-d10	19.822	212	1281002	25.492	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.963	264	1031070	19.971	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.446	88	29953	8.109	ng/uL	88
5) Pyridine	3.881	79	48538	5.154	ng/u1	92
6) Benzaldehyde	7.228	77	164303	36.032	ng/u1	98
8) Phenol	7.275	94	293742	23.867	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.511	93	225489	23.172	ng/u1	98
12) 2-Chlorophenol	7.658	128	214319	23.452	ng/u1	99
13) 2-Methylphenol	8.546	108	208149	21.981	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.634	45	310600	24.087	ng/u1	98
16) Acetophenone	8.934	105	464485	29.727	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.910	70	209567	24.850	ng/u1	100
18) 4-Methylphenol	8.875	108	244481	23.465	ng/u1	100
19) Hexachloroethane	9.187	117	76636	19.845	ng/u1	95
22) Nitrobenzene	9.316	77	302236	23.902	ng/u1	99
23) Isophorone	9.846	82	614110	24.261	ng/u1	99
25) 2-Nitrophenol	10.034	139	142178	24.184	ng/u1	98
26) 2,4-Dimethylphenol	10.087	107	156451	12.549	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.328	93	353930	24.050	ng/u1	99
29) 2,4-Dichlorophenol	10.569	162	248756	25.188	ng/u1	99
30) Naphthalene	10.975	128	774739	23.541	ng/u1	100
32) 4-Chloroaniline	11.093	127	261083	17.698	ng/u1	97
33) Hexachlorobutadiene	11.252	225	160086	24.036	ng/u1	99
34) Caprolactam	11.869	113	91184	24.527	ng/u1	86
35) 4-Chloro-3-methylphenol	12.204	107	301275	25.178	ng/u1	99
36) 2-Methylnaphthalene	12.575	142	555402	24.006	ng/u1	100

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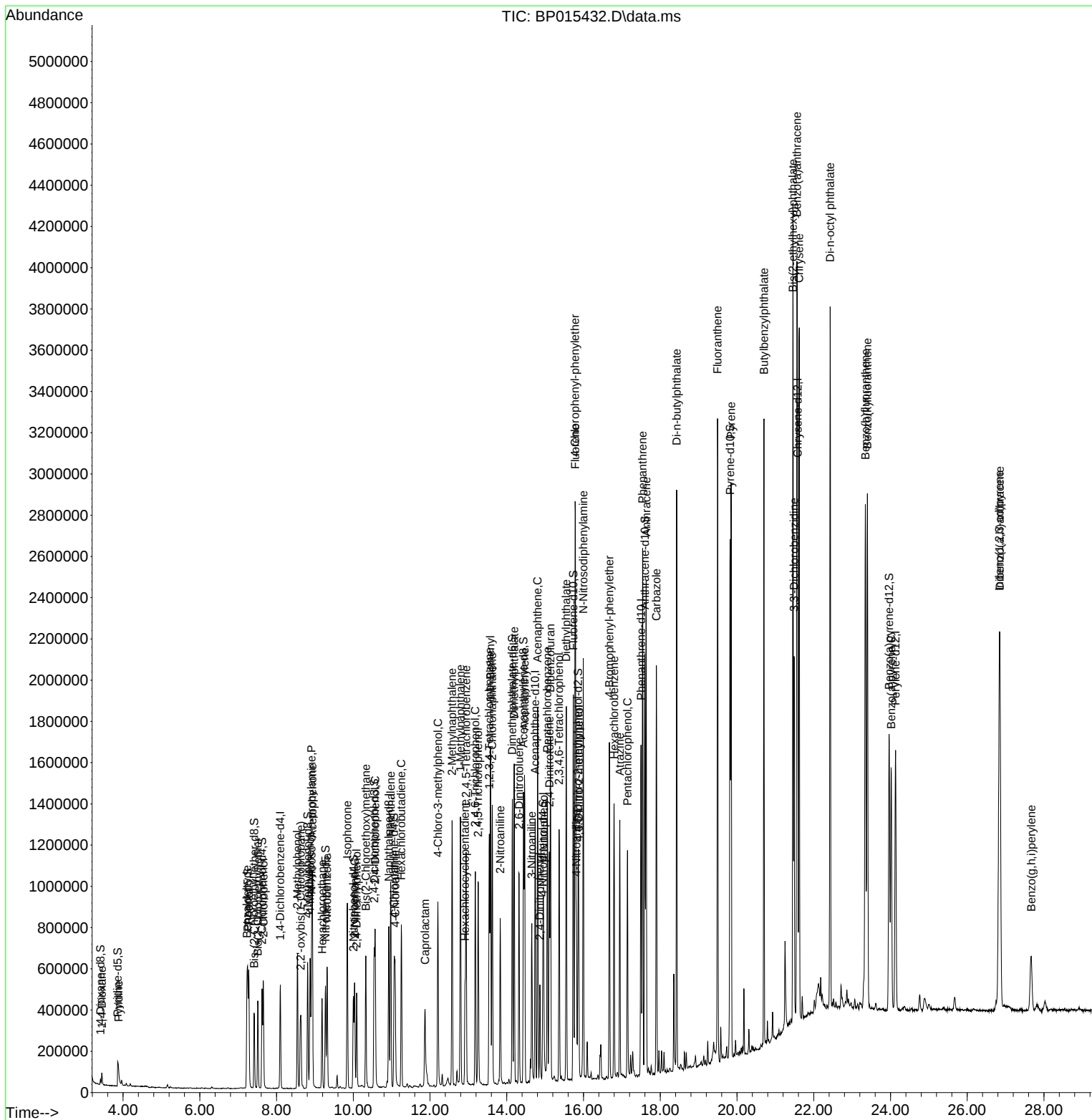
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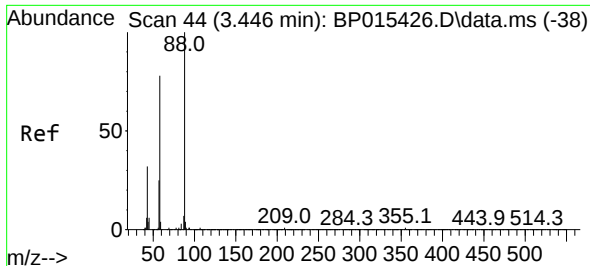
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 07 23:46:15 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.793	142	559195	24.006	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.940	216	314020	24.661	ng/ul	100
40) Hexachlorocyclopentadiene	12.910	237	122683	23.504	ng/ul	97
41) 2,4,6-Trichlorophenol	13.181	196	221911	26.184	ng/ul	99
42) 2,4,5-Trichlorophenol	13.251	196	248129	26.867	ng/ul	99
43) 1,1'-Biphenyl	13.575	154	788971	24.949	ng/ul	99
44) 2-Chloronaphthalene	13.622	162	619038	24.950	ng/ul	98
45) 2-Nitroaniline	13.828	65	219609	27.656	ng/ul	97
47) Dimethylphthalate	14.193	163	882285	26.500	ng/ul	100
48) 2,6-Dinitrotoluene	14.322	165	188514	27.636	ng/ul	94
50) Acenaphthylene	14.463	152	981784	25.143	ng/ul	99
51) 3-Nitroaniline	14.651	138	179110	31.808	ng/ul	98
52) Acenaphthene	14.804	153	686224	25.424	ng/ul	98
53) 2,4-Dinitrophenol	14.863	184	98984	24.123	ng/ul	97
55) 4-Nitrophenol	14.957	109	149839	26.901	ng/ul	92
56) Dibenzofuran	15.140	168	987983	25.826	ng/ul	100
57) 2,4-Dinitrotoluene	15.110	165	280234	27.932	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.363	232	228000	27.342	ng/ul#	98
59) Diethylphthalate	15.551	149	941844	27.602	ng/ul	99
61) Fluorene	15.787	166	815907	26.163	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.781	204	413939	26.337	ng/ul	98
63) 4-Nitroaniline	15.816	138	188923	35.371	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.875	198	162741	26.433	ng/ul	93
67) N-Nitrosodiphenylamine	15.992	169	726029	26.856	ng/ul	99
68) 4-Bromophenyl-phenylether	16.675	248	274312	26.908	ng/ul	96
69) Hexachlorobenzene	16.798	284	267935	22.281	ng/ul	98
70) Atrazine	16.945	200	209006	19.361	ng/ul	99
71) Pentachlorophenol	17.145	266	181520	26.706	ng/ul	98
72) Phenanthrene	17.539	178	1399485	27.368	ng/ul	99
74) Anthracene	17.634	178	1386220	26.717	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.546	216	320642	24.381	ng/uL	100
76) Pentachlorobenzene	15.057	250	324667	23.579	ng/uL	97
77) Carbazole	17.898	167	1199695	25.679	ng/ul	100
78) Di-n-butylphthalate	18.428	149	1782116	30.065	ng/ul	99
80) Fluoranthene	19.492	202	1769253	28.904	ng/ul	100
82) Pyrene	19.845	202	1541489	24.342	ng/ul	100
83) Butylbenzylphthalate	20.704	149	873874	31.221	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.486	252	518799	23.389	ng/ul	98
85) Benzo(a)anthracene	21.563	228	1845698	28.120	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.457	149	1320360	31.915	ng/ul	100
87) Chrysene	21.622	228	1734559	27.959	ng/ul	99
89) Di-n-octyl phthalate	22.427	149	2293127	33.909	ng/ul	100
90) Benzo(b)fluoranthene	23.345	252	1866005	28.095	ng/ul	100
91) Benzo(k)fluoranthene	23.398	252	1855208	28.896	ng/ul	100
93) Benzo(a)pyrene	24.021	252	993398	17.155	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.839	276	1485177	19.818	ng/ul	97
95) Dibenzo(a,h)anthracene	26.851	278	1587566	26.002	ng/ul	99
96) Benzo(g,h,i)perylene	27.668	276	388338	6.288	ng/ul	98

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

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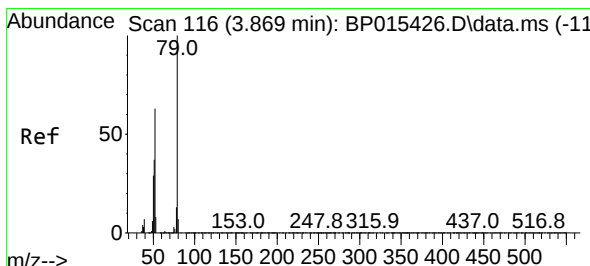
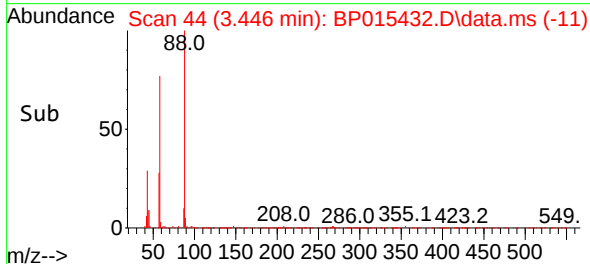
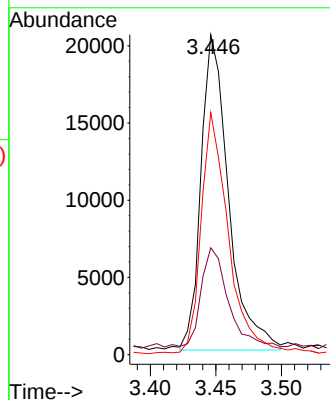
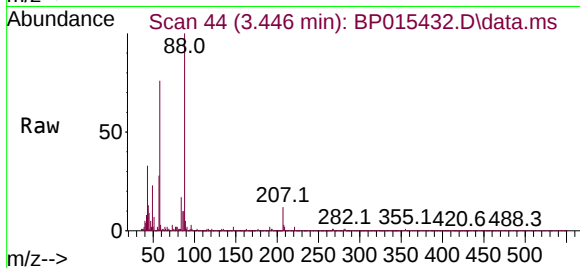




#2
1,4-Dioxane
Concen: 8.109 ng/uL
RT: 3.446 min Scan# 44
Delta R.T. -0.006 min
Lab File: BP015432.D
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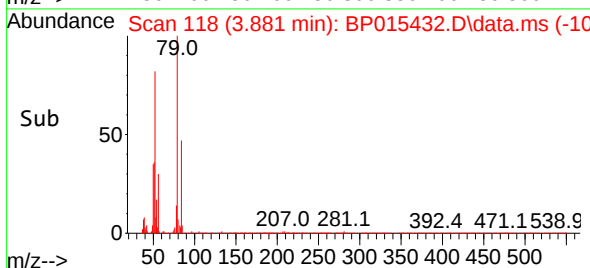
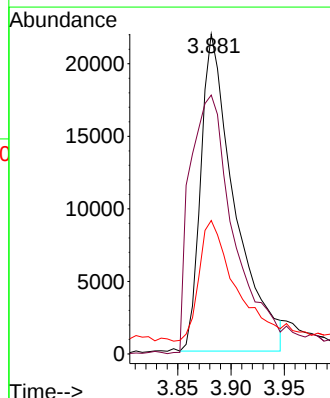
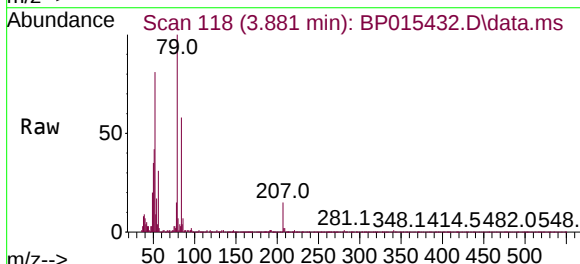
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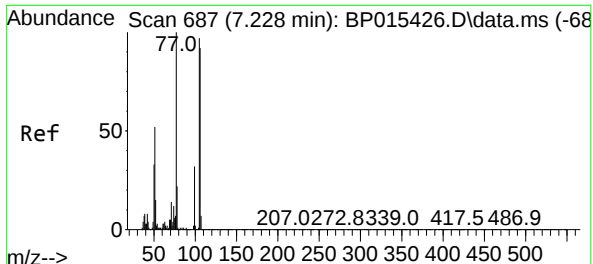
Tgt Ion: 88	Resp:	29953
Ion	Ratio	Lower Upper
88	100	
43	33.4	23.9 35.9
58	75.7	51.4 77.2



#5
Pyridine
Concen: 5.154 ng/uL
RT: 3.881 min Scan# 118
Delta R.T. 0.006 min
Lab File: BP015432.D
Acq: 08 Jun 2023 12:41

Tgt Ion: 79	Resp:	48538
Ion	Ratio	Lower Upper
79	100	
52	80.9	59.5 89.3
51	41.7	29.8 44.6

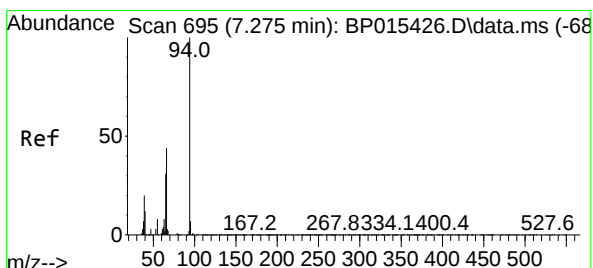
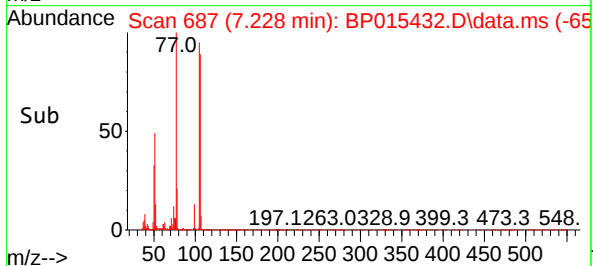
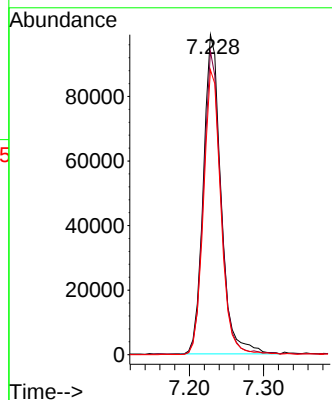
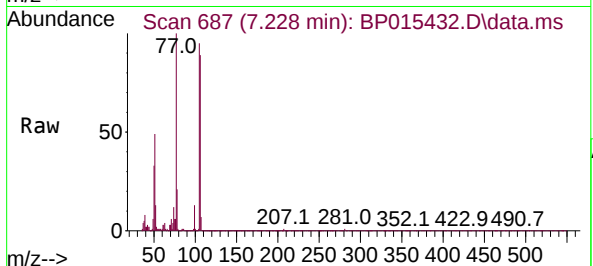




#6
Benzaldehyde
Concen: 36.032 ng/ul
RT: 7.228 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP015432.D
Acq: 08 Jun 2023 12:41

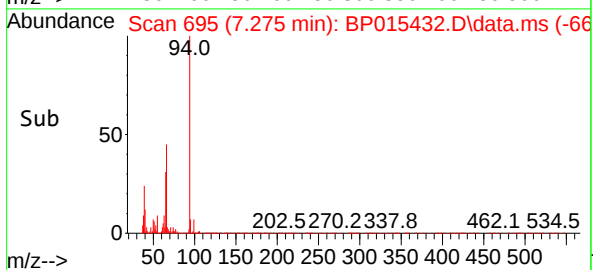
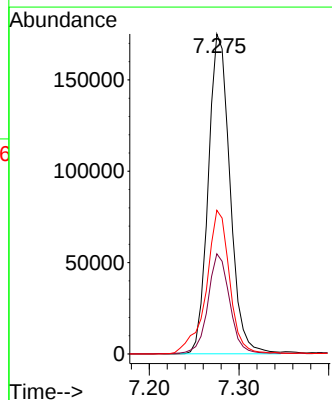
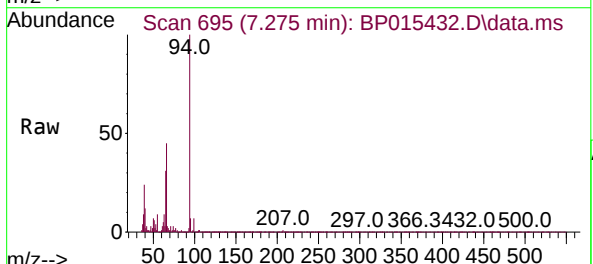
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ClientSampleId :
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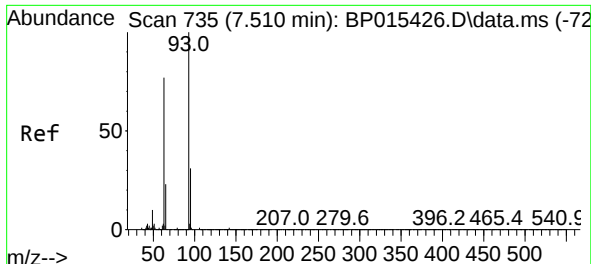
Tgt Ion: 77 Resp: 164303
Ion Ratio Lower Upper
77 100
105 94.8 77.3 115.9
106 89.0 73.3 109.9



#8
Phenol
Concen: 23.867 ng/ul
RT: 7.275 min Scan# 695
Delta R.T. -0.006 min
Lab File: BP015432.D
Acq: 08 Jun 2023 12:41

Tgt Ion: 94 Resp: 293742
Ion Ratio Lower Upper
94 100
65 31.3 23.5 35.3
66 44.9 34.2 51.4

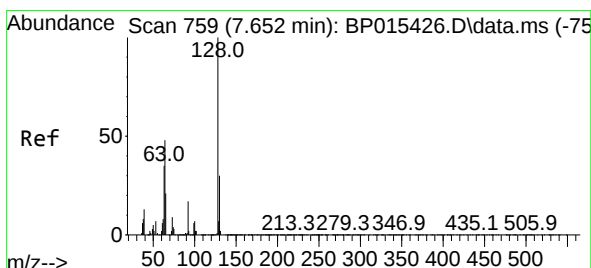
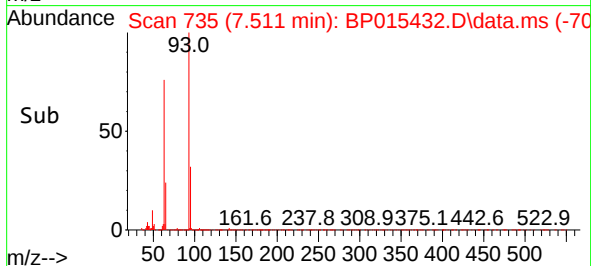
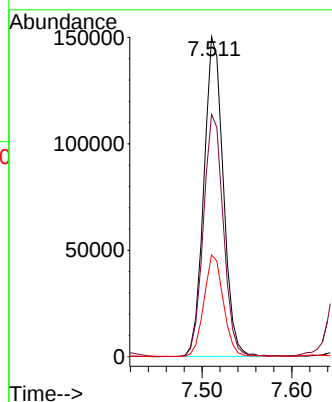
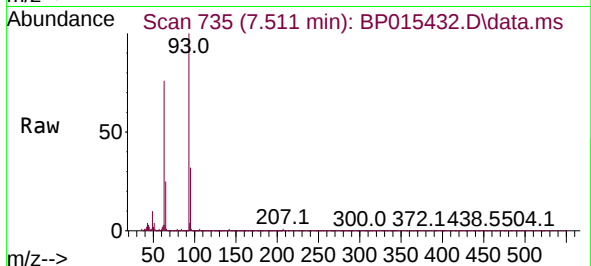




#10
 Bis(2-Chloroethyl)ether
 Concen: 23.172 ng/ul
 RT: 7.511 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BP015432.D
 Acq: 08 Jun 2023 12:41

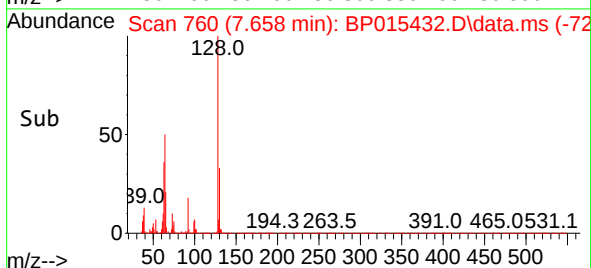
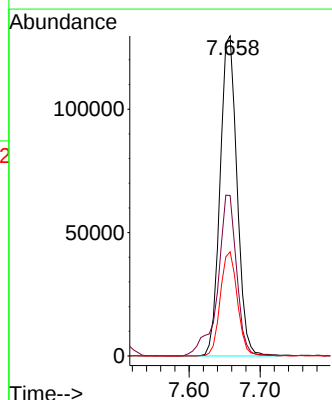
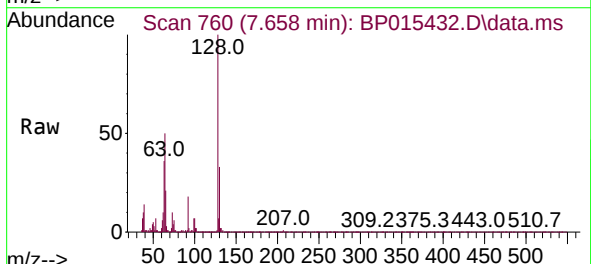
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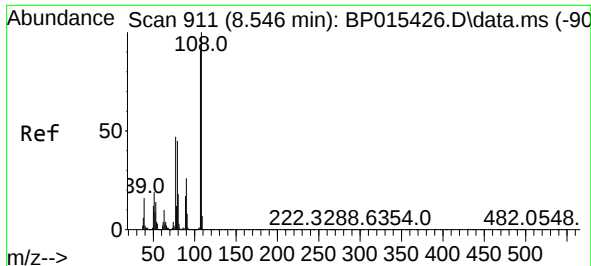
Tgt Ion:	93	Resp:	225489
Ion	Ratio	Lower	Upper
93	100		
63	75.7	62.6	93.8
95	31.8	25.5	38.3



#12
 2-Chlorophenol
 Concen: 23.452 ng/ul
 RT: 7.658 min Scan# 760
 Delta R.T. -0.000 min
 Lab File: BP015432.D
 Acq: 08 Jun 2023 12:41

Tgt Ion:	128	Resp:	214319
Ion	Ratio	Lower	Upper
128	100		
64	50.2	40.2	60.4
130	32.5	24.5	36.7





#13

2-Methylphenol

Concen: 21.981 ng/ul

RT: 8.546 min Scan# 911

Delta R.T. -0.000 min

Lab File: BP015432.D

Acq: 08 Jun 2023 12:41

Instrument :

BNA_P

ClientSampleId :

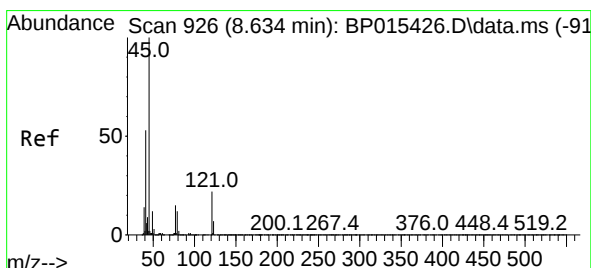
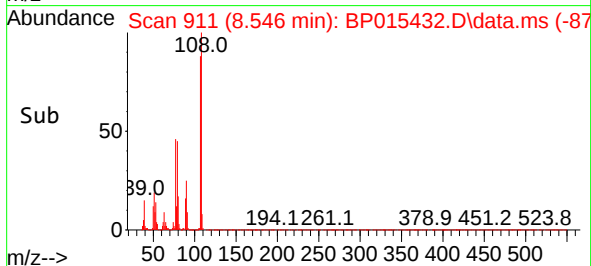
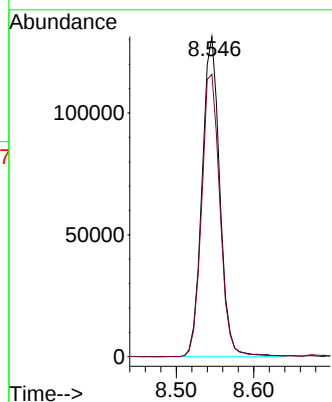
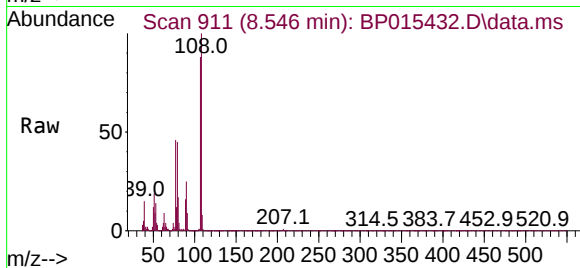
EW999MSD

Tgt Ion:108 Resp: 208149

Ion Ratio Lower Upper

108 100

107 88.2 71.2 106.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 24.087 ng/ul

RT: 8.634 min Scan# 926

Delta R.T. 0.006 min

Lab File: BP015432.D

Acq: 08 Jun 2023 12:41

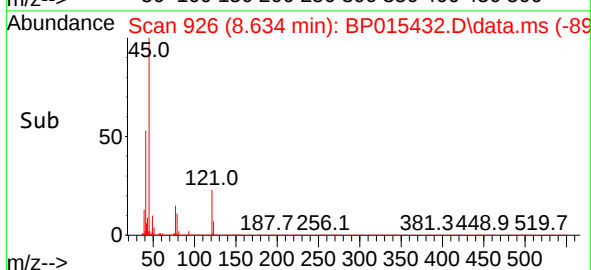
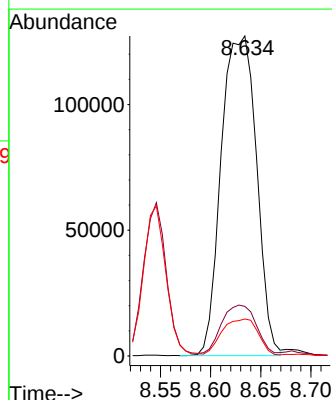
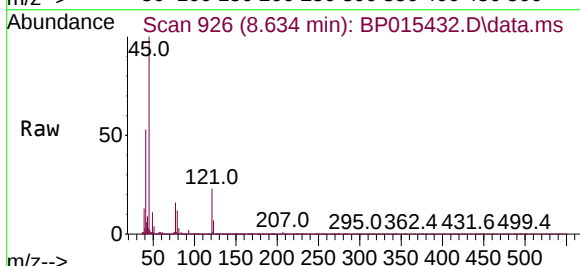
Tgt Ion: 45 Resp: 310600

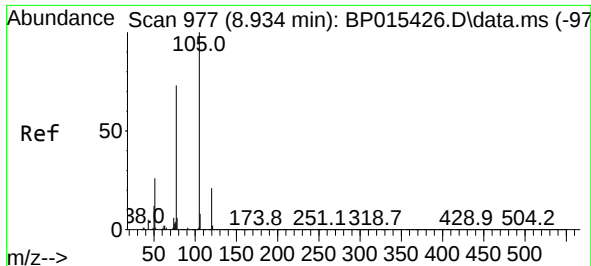
Ion Ratio Lower Upper

45 100

77 15.5 11.8 17.8

79 11.5 8.7 13.1

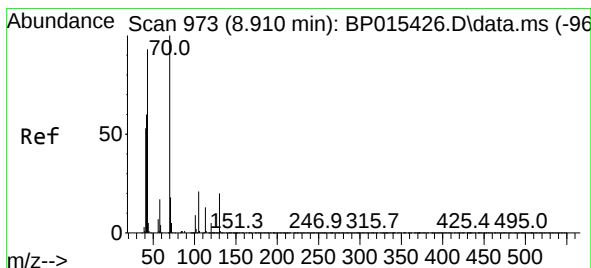
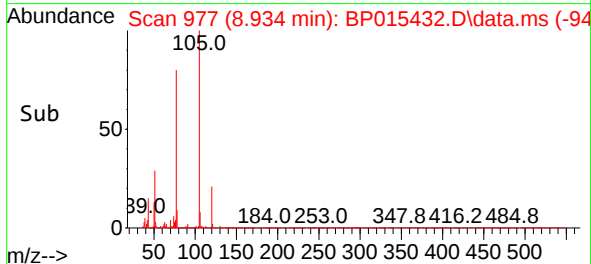
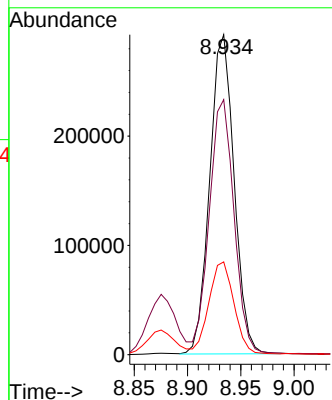
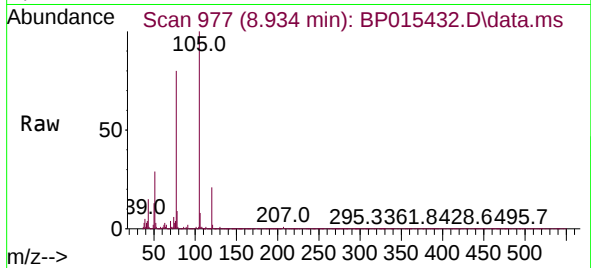




#16
Acetophenone
Concen: 29.727 ng/ul
RT: 8.934 min Scan# 911
Delta R.T. -0.000 min
Lab File: BP015432.D
Acq: 08 Jun 2023 12:41

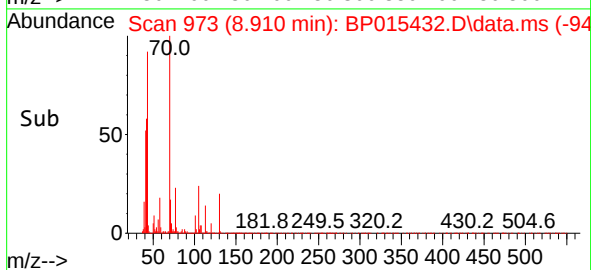
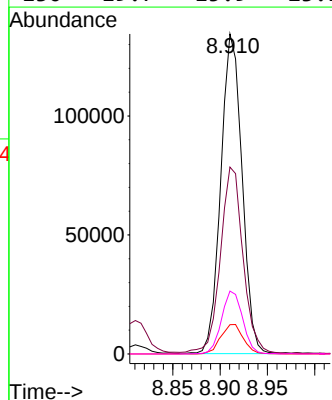
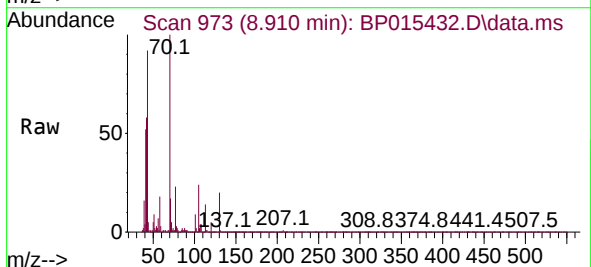
Instrument :
BNA_P
ClientSampleId :
EW999MSD

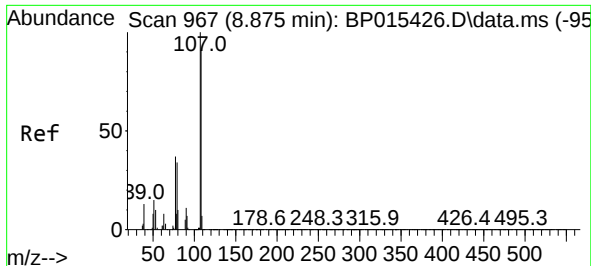
Tgt Ion:105 Resp: 464485
Ion Ratio Lower Upper
105 100
77 79.7 64.9 97.3
51 29.0 23.5 35.3



#17
N-Nitroso-di-n-propylamine
Concen: 24.850 ng/ul
RT: 8.910 min Scan# 973
Delta R.T. -0.006 min
Lab File: BP015432.D
Acq: 08 Jun 2023 12:41

Tgt Ion: 70 Resp: 209567
Ion Ratio Lower Upper
70 100
42 58.4 46.6 69.8
101 9.1 7.8 11.6
130 19.7 15.9 23.9

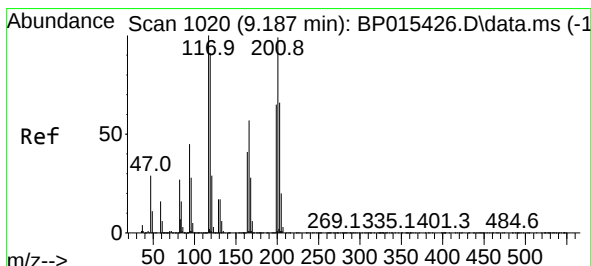
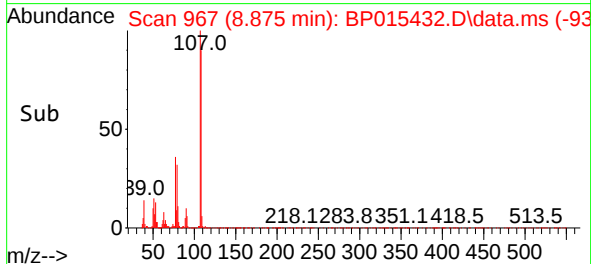
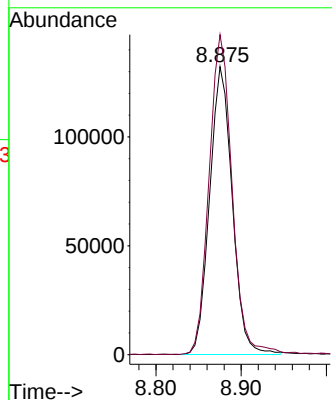
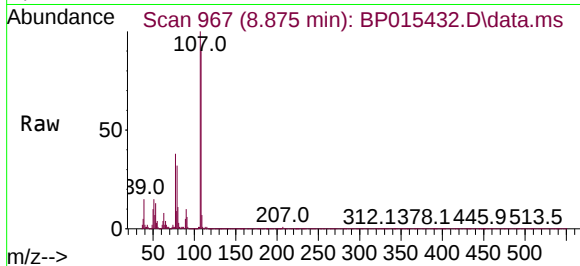




#18
4-Methylphenol
Concen: 23.465 ng/ul
RT: 8.875 min Scan# 90
Delta R.T. -0.006 min
Lab File: BP015432.D
Acq: 08 Jun 2023 12:41

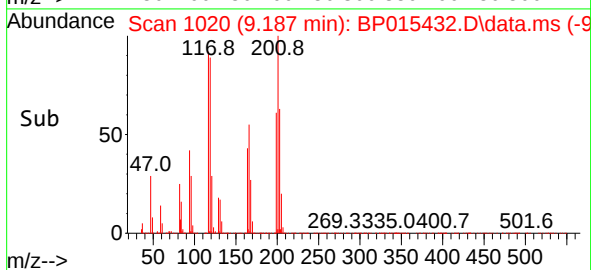
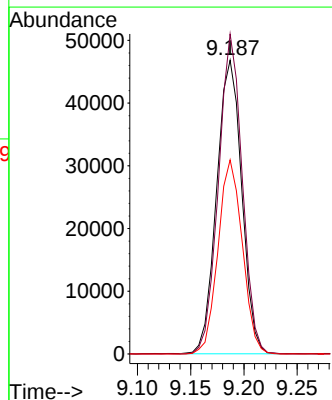
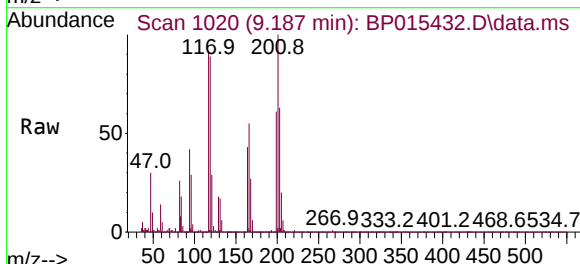
Instrument :
BNA_P
ClientSampleId :
EW999MSD

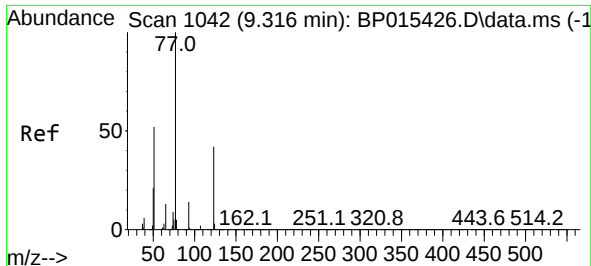
Tgt Ion:108 Resp: 244481
Ion Ratio Lower Upper
108 100
107 111.1 89.3 133.9



#19
Hexachloroethane
Concen: 19.845 ng/ul
RT: 9.187 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BP015432.D
Acq: 08 Jun 2023 12:41

Tgt Ion:117 Resp: 76636
Ion Ratio Lower Upper
117 100
201 108.9 82.8 124.2
199 66.1 50.6 76.0

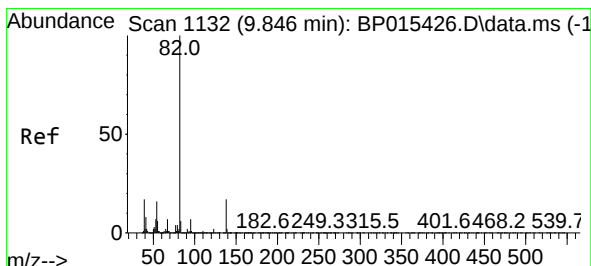
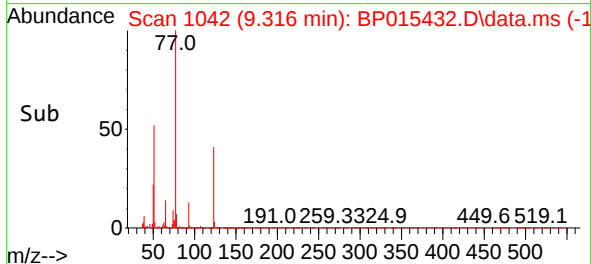
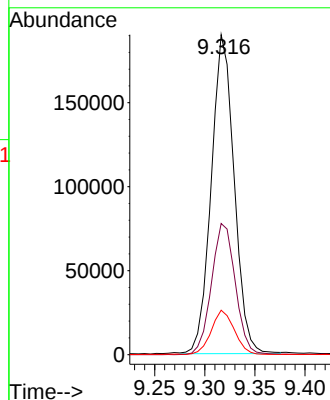
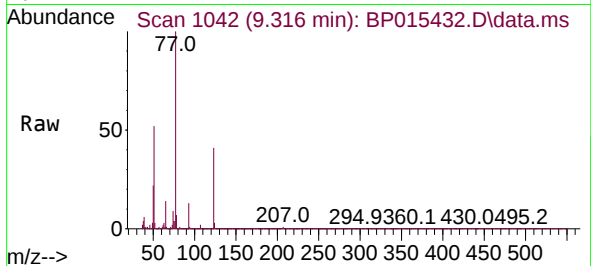




#22
Nitrobenzene
Concen: 23.902 ng/ul
RT: 9.316 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BP015432.D
Acq: 08 Jun 2023 12:41

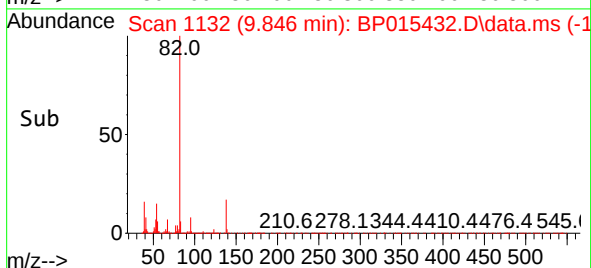
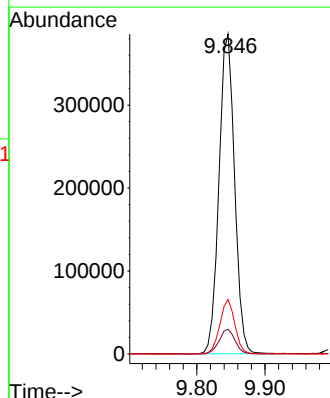
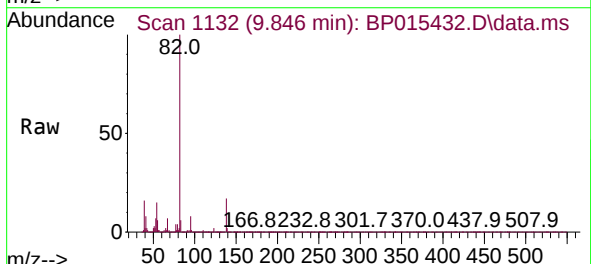
Instrument :
BNA_P
ClientSampleId :
EW999MSD

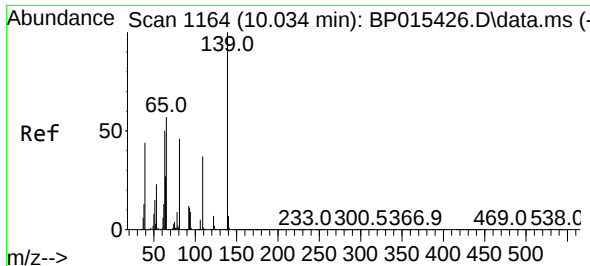
Tgt Ion: 77 Resp: 302236
Ion Ratio Lower Upper
77 100
123 41.0 33.5 50.3
65 13.9 11.6 17.4



#23
Isophorone
Concen: 24.261 ng/ul
RT: 9.846 min Scan# 1132
Delta R.T. -0.006 min
Lab File: BP015432.D
Acq: 08 Jun 2023 12:41

Tgt Ion: 82 Resp: 614110
Ion Ratio Lower Upper
82 100
95 7.7 5.8 8.8
138 17.0 13.1 19.7

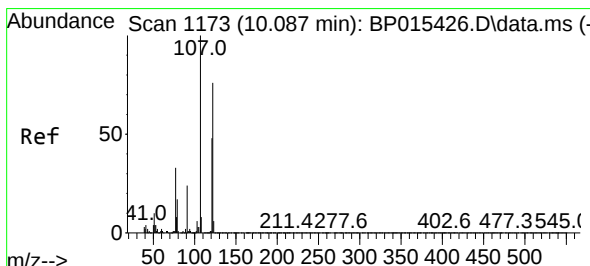
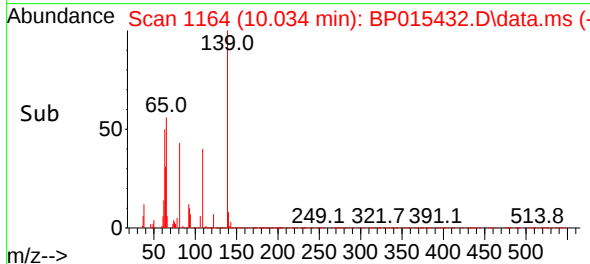
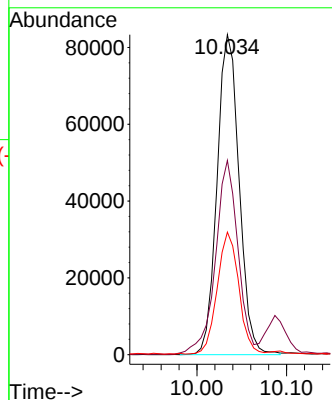
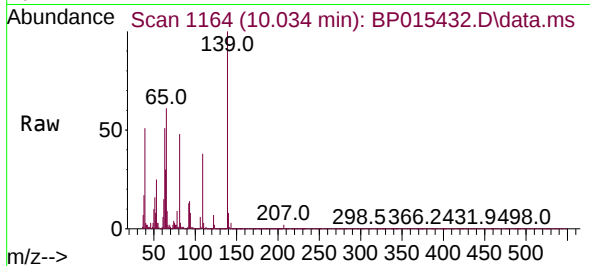




#25
2-Nitrophenol
Concen: 24.184 ng/ul
RT: 10.034 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BP015432.D
Acq: 08 Jun 2023 12:41

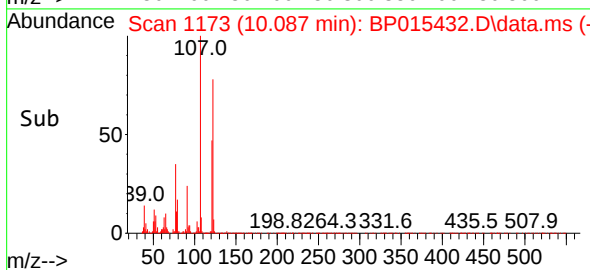
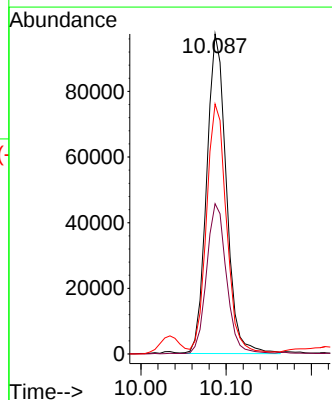
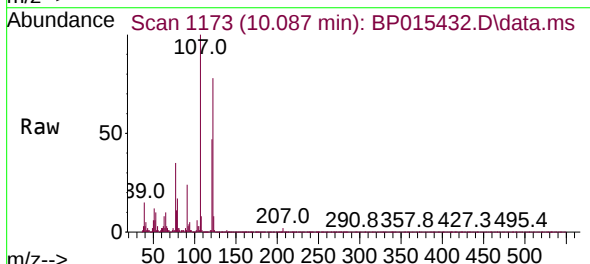
Instrument :
BNA_P
ClientSampleId :
EW999MSD

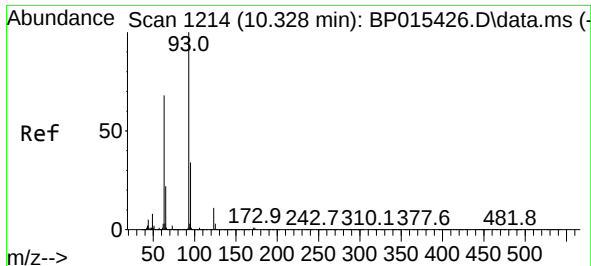
Tgt Ion:139	Resp: 142178
Ion Ratio	Lower Upper
139 100	
65 60.7	46.9 70.3
109 38.3	30.2 45.2



#26
2,4-Dimethylphenol
Concen: 12.549 ng/ul
RT: 10.087 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BP015432.D
Acq: 08 Jun 2023 12:41

Tgt	Ion:107	Resp:	156451
Ion	Ratio	Lower	Upper
107	100		
121	47.0	39.0	58.6
122	78.1	64.8	97.2





#27

Bis(2-Chloroethoxy)methane

Concen: 24.050 ng/ul

RT: 10.328 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BP015432.D

Acq: 08 Jun 2023 12:41

Instrument :

BNA_P

ClientSampleId :

EW999MSD

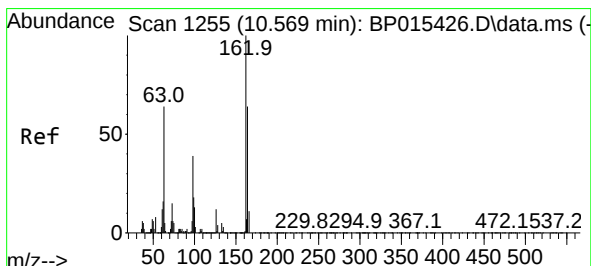
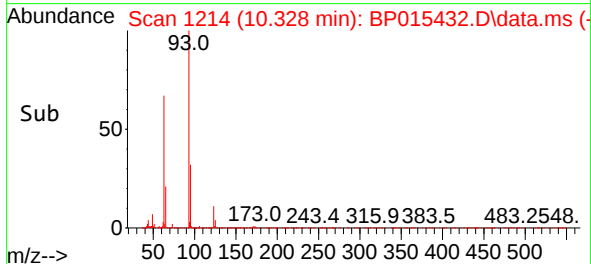
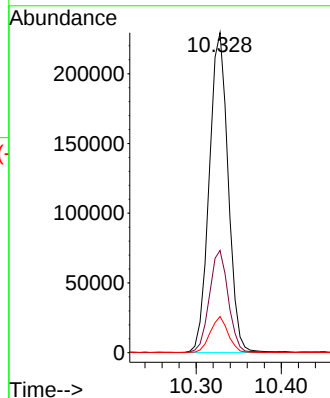
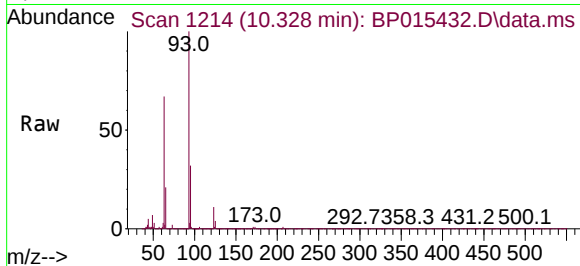
Tgt Ion: 93 Resp: 353930

Ion Ratio Lower Upper

93 100

95 32.0 25.7 38.5

123 11.3 8.6 13.0



#29

2,4-Dichlorophenol

Concen: 25.188 ng/ul

RT: 10.569 min Scan# 1255

Delta R.T. -0.006 min

Lab File: BP015432.D

Acq: 08 Jun 2023 12:41

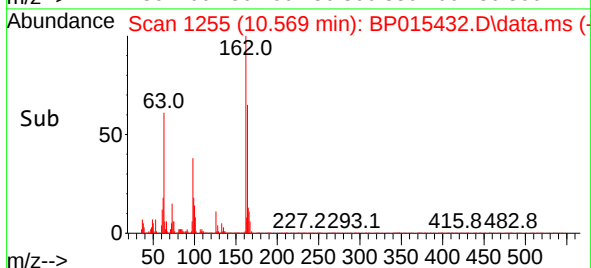
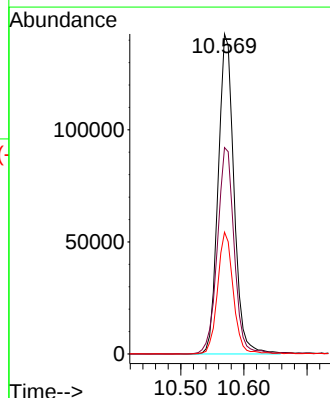
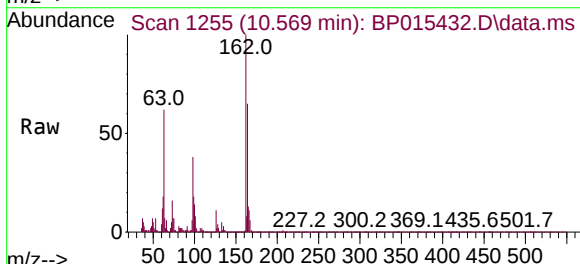
Tgt Ion:162 Resp: 248756

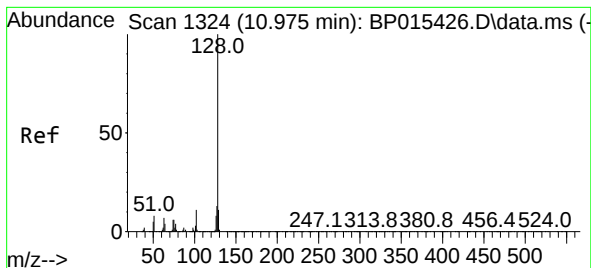
Ion Ratio Lower Upper

162 100

164 64.5 50.6 76.0

98 38.1 30.2 45.2

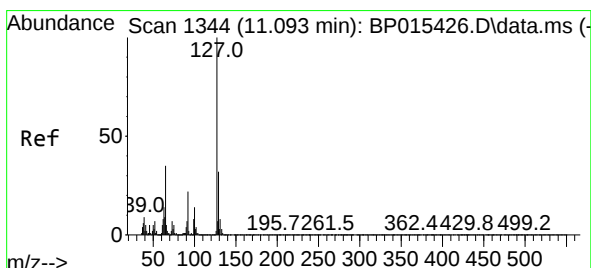
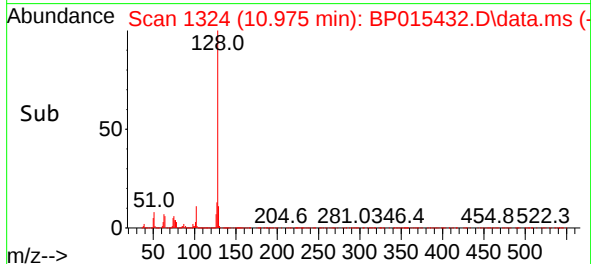
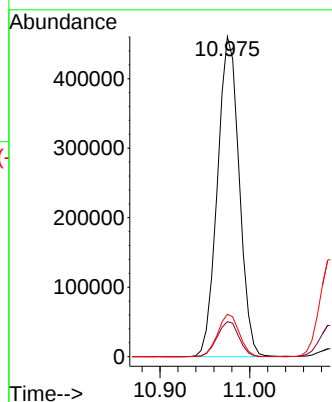
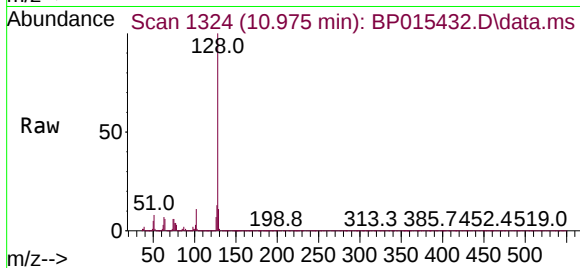




#30
Naphthalene
Concen: 23.541 ng/ul
RT: 10.975 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BP015432.D
Acq: 08 Jun 2023 12:41

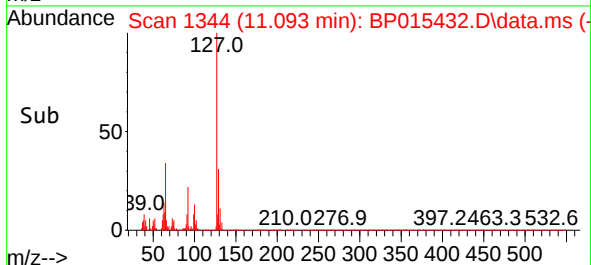
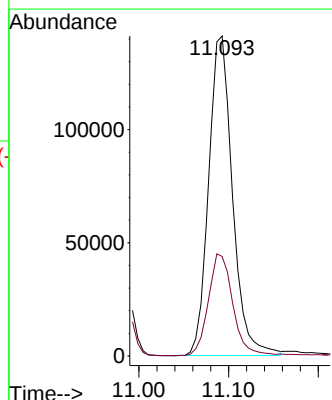
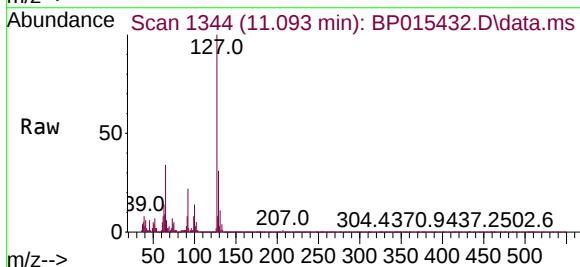
Instrument :
BNA_P
ClientSampleId :
EW999MSD

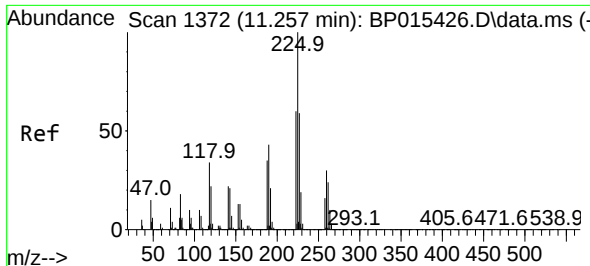
Tgt Ion:128 Resp: 774739
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.2 10.5 15.7



#32
4-Chloroaniline
Concen: 17.698 ng/ul
RT: 11.093 min Scan# 1344
Delta R.T. -0.000 min
Lab File: BP015432.D
Acq: 08 Jun 2023 12:41

Tgt Ion:127 Resp: 261083
Ion Ratio Lower Upper
127 100
129 31.1 26.1 39.1

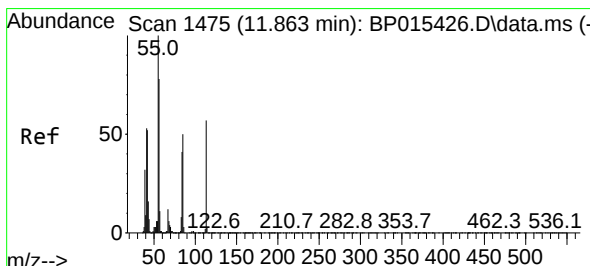
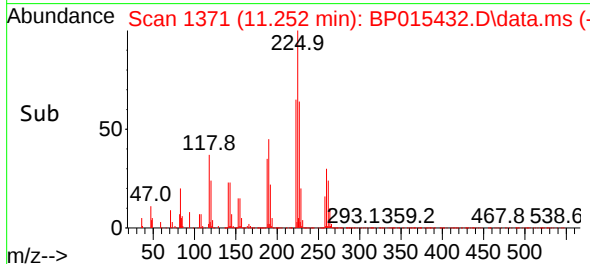
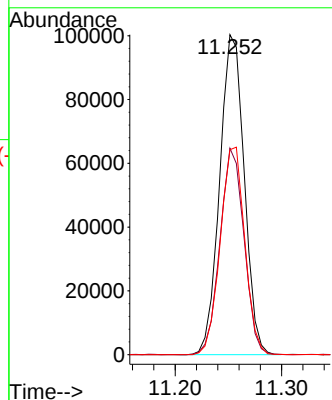
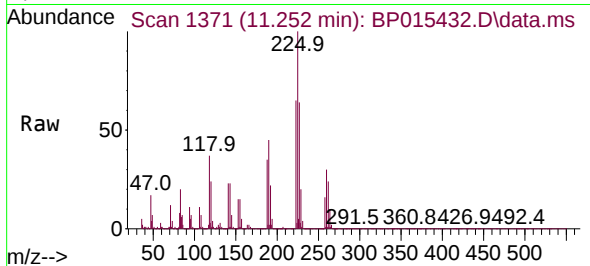




#33
Hexachlorobutadiene
Concen: 24.036 ng/ul
RT: 11.252 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP015432.D
Acq: 08 Jun 2023 12:41

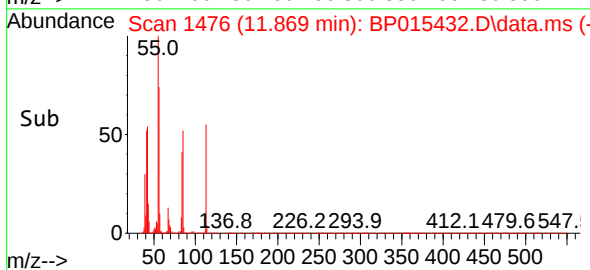
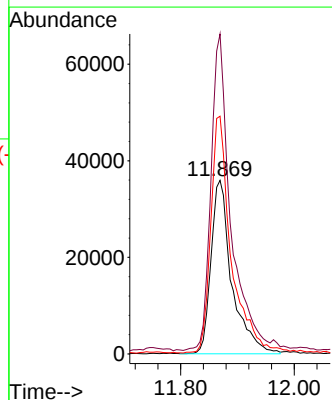
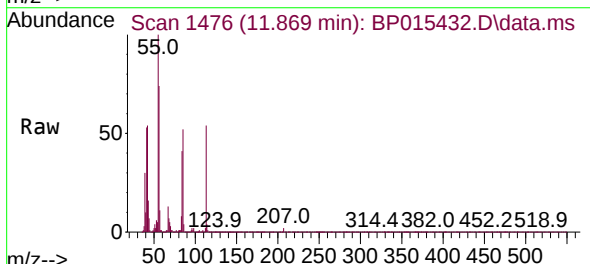
Instrument :
BNA_P
ClientSampleId :
EW999MSD

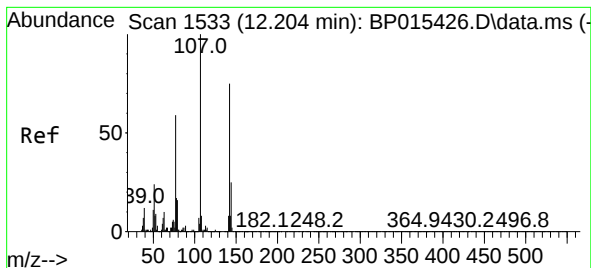
Tgt Ion:225 Resp: 160086
Ion Ratio Lower Upper
225 100
223 64.5 52.0 78.0
227 64.0 50.6 75.8



#34
Caprolactam
Concen: 24.527 ng/ul
RT: 11.869 min Scan# 1476
Delta R.T. -0.000 min
Lab File: BP015432.D
Acq: 08 Jun 2023 12:41

Tgt Ion:113 Resp: 91184
Ion Ratio Lower Upper
113 100
55 184.4 127.9 191.9
56 137.0 101.1 151.7

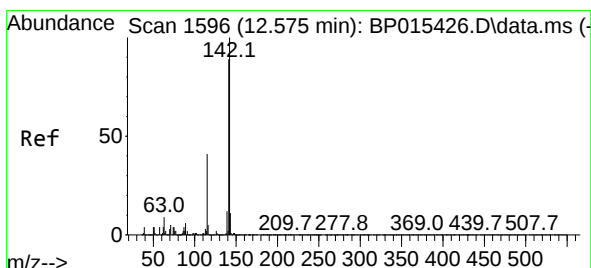
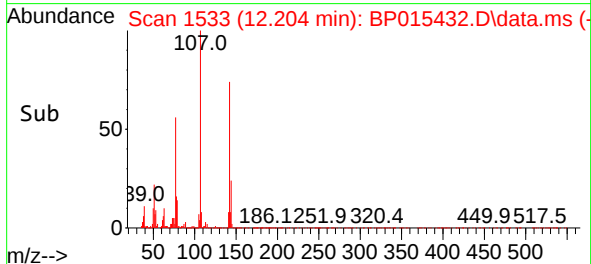
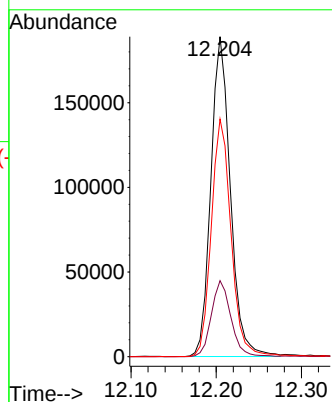
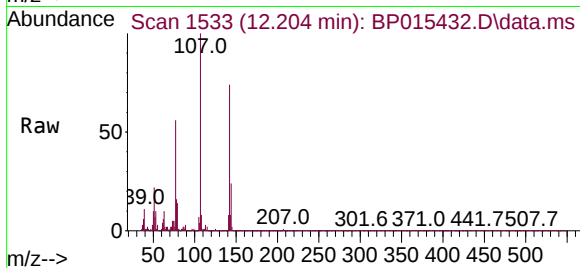




#35
4-Chloro-3-methylphenol
Concen: 25.178 ng/ul
RT: 12.204 min Scan# 1533
Delta R.T. -0.006 min
Lab File: BP015432.D
Acq: 08 Jun 2023 12:41

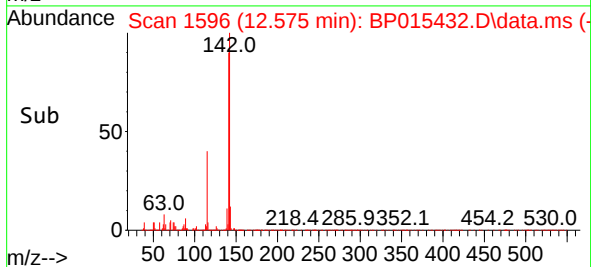
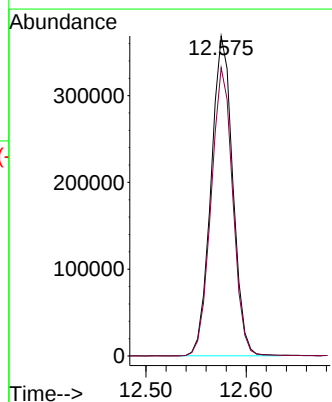
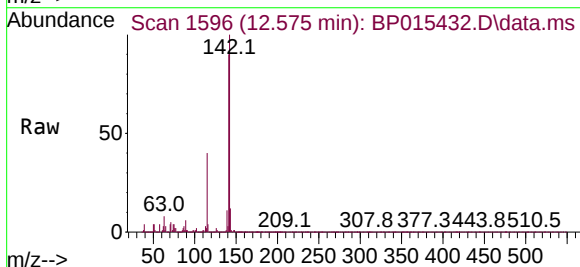
Instrument :
BNA_P
ClientSampleId :
EW999MSD

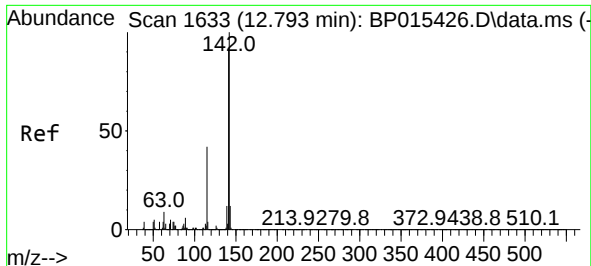
Tgt Ion:107 Resp: 301275
Ion Ratio Lower Upper
107 100
144 23.8 19.4 29.0
142 74.2 60.4 90.6



#36
2-Methylnaphthalene
Concen: 24.006 ng/ul
RT: 12.575 min Scan# 1596
Delta R.T. -0.006 min
Lab File: BP015432.D
Acq: 08 Jun 2023 12:41

Tgt Ion:142 Resp: 555402
Ion Ratio Lower Upper
142 100
141 90.1 72.0 108.0

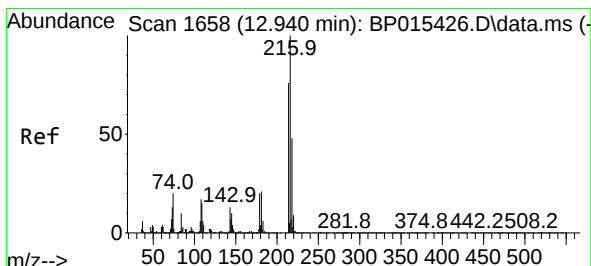
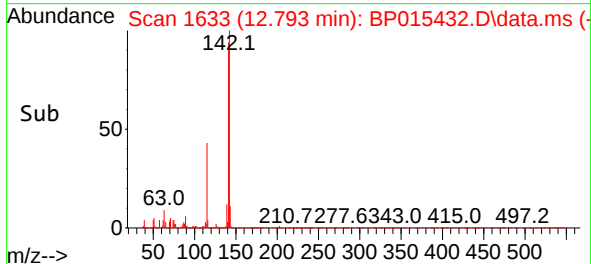
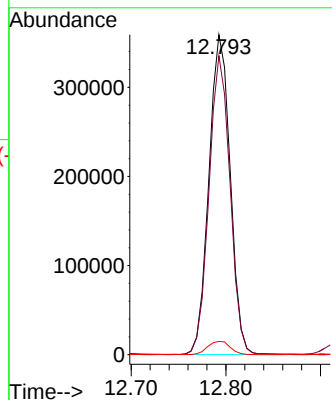
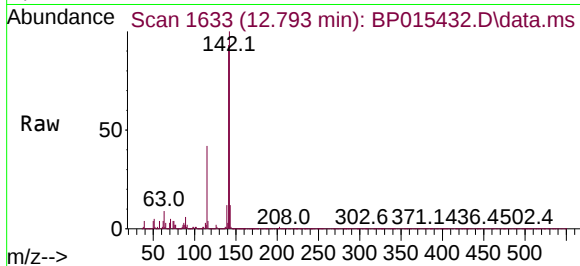




#37
1-Methylnaphthalene
Concen: 24.006 ng/ul
RT: 12.793 min Scan# 1633
Delta R.T. -0.006 min
Lab File: BP015432.D
Acq: 08 Jun 2023 12:41

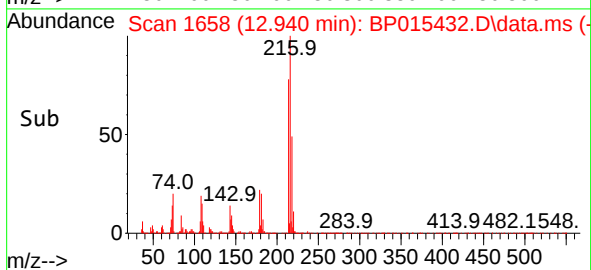
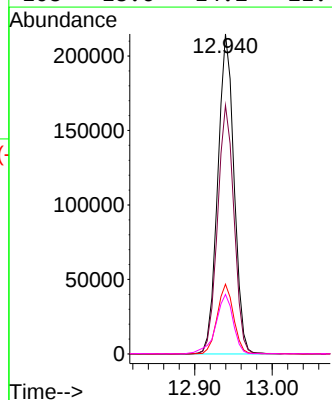
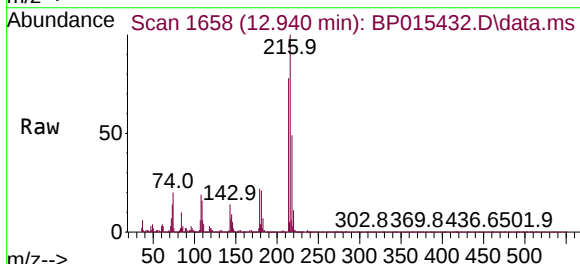
Instrument :
BNA_P
ClientSampleId :
EW999MSD

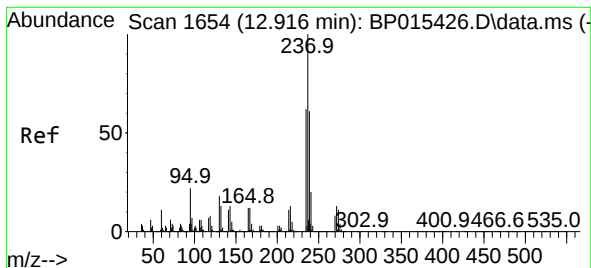
Tgt Ion:142 Resp: 559195
Ion Ratio Lower Upper
142 100
141 93.4 71.9 107.9
116 4.1 3.4 5.2



#39
1,2,4,5-Tetrachlorobenzene
Concen: 24.661 ng/ul
RT: 12.940 min Scan# 1658
Delta R.T. -0.006 min
Lab File: BP015432.D
Acq: 08 Jun 2023 12:41

Tgt Ion:216 Resp: 314020
Ion Ratio Lower Upper
216 100
214 77.7 62.2 93.2
179 21.8 17.4 26.2
108 18.6 14.2 21.4





#40

Hexachlorocyclopentadiene

Concen: 23.504 ng/ul

RT: 12.910 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP015432.D

Acq: 08 Jun 2023 12:41

Instrument :

BNA_P

ClientSampleId :

EW999MSD

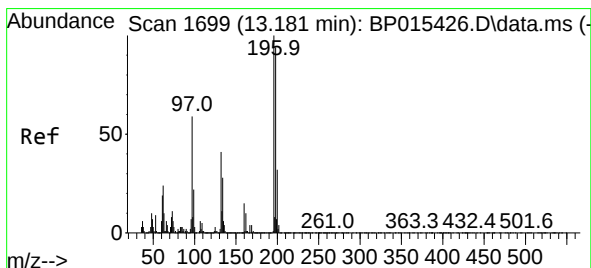
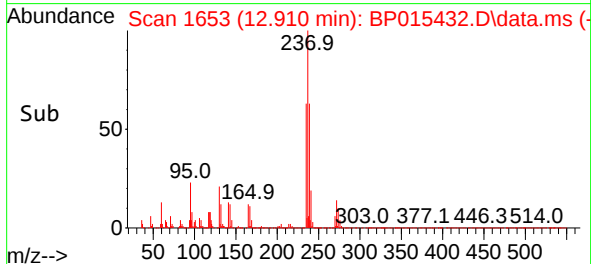
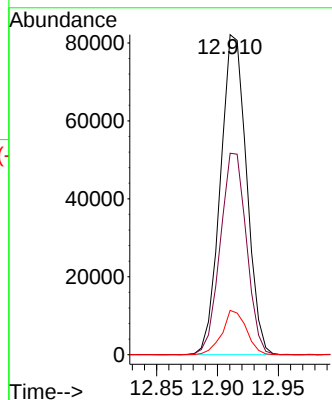
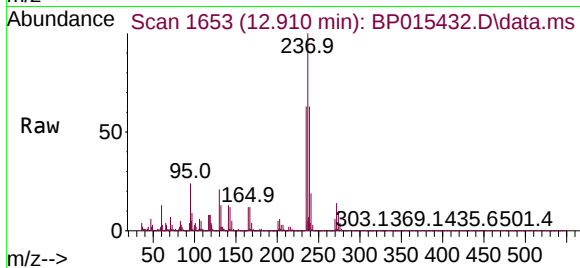
Tgt Ion:237 Resp: 122683

Ion Ratio Lower Upper

237 100

235 63.0 48.2 72.2

272 13.9 10.3 15.5



#41

2,4,6-Trichlorophenol

Concen: 26.184 ng/ul

RT: 13.181 min Scan# 1699

Delta R.T. -0.006 min

Lab File: BP015432.D

Acq: 08 Jun 2023 12:41

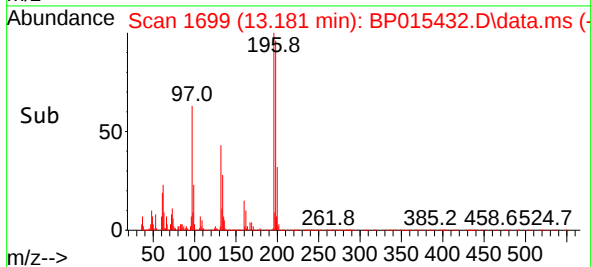
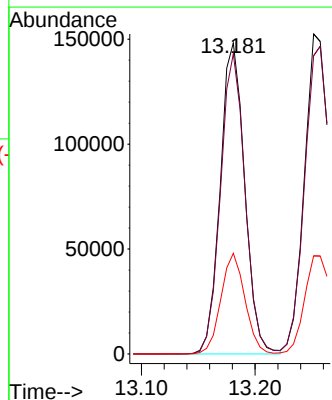
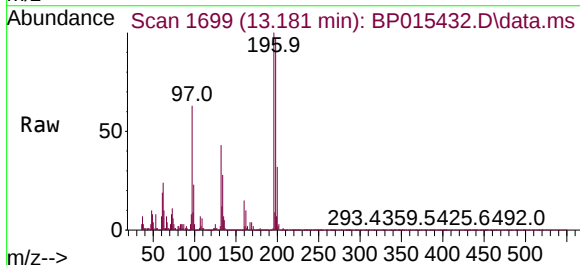
Tgt Ion:196 Resp: 221911

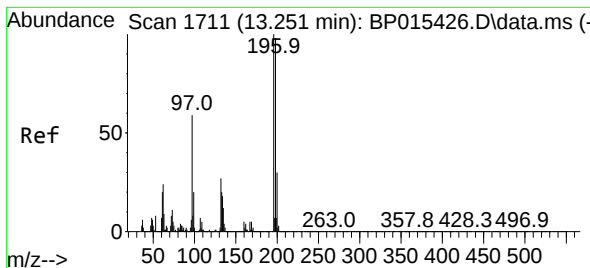
Ion Ratio Lower Upper

196 100

198 96.5 77.8 116.6

200 32.4 25.8 38.6





#42

2,4,5-Trichlorophenol

Concen: 26.867 ng/ul

RT: 13.251 min Scan# 1711

Delta R.T. -0.006 min

Lab File: BP015432.D

Acq: 08 Jun 2023 12:41

Instrument :

BNA_P

ClientSampleId :

EW999MSD

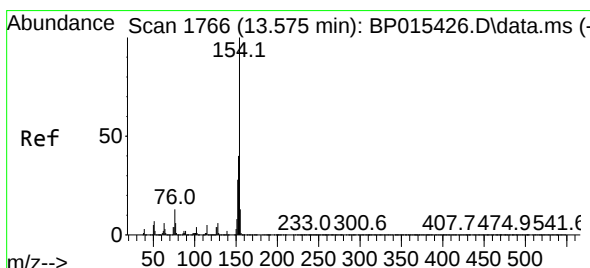
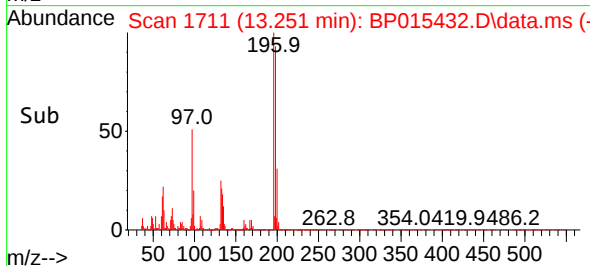
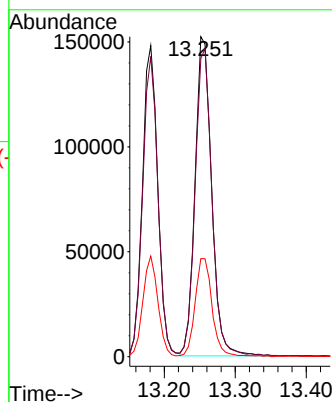
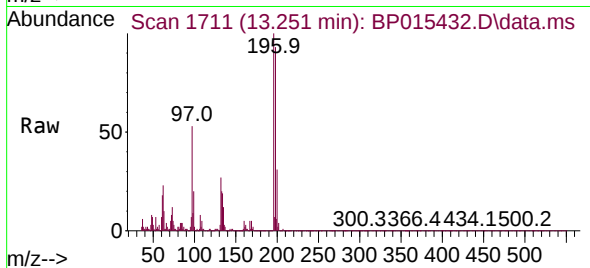
Tgt Ion:196 Resp: 248129

Ion Ratio Lower Upper

196 100

198 93.2 75.5 113.3

200 30.6 24.7 37.1



#43

1,1'-Biphenyl

Concen: 24.949 ng/ul

RT: 13.575 min Scan# 1766

Delta R.T. -0.006 min

Lab File: BP015432.D

Acq: 08 Jun 2023 12:41

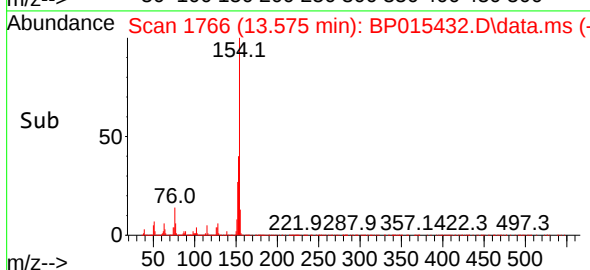
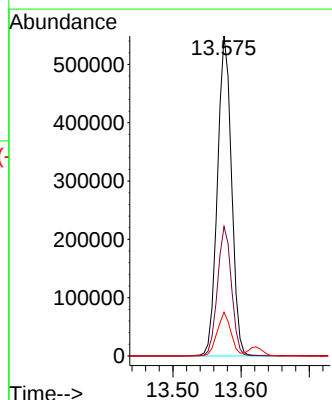
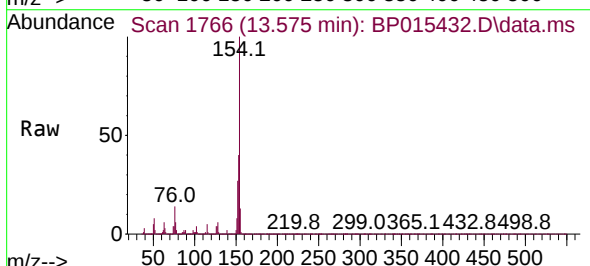
Tgt Ion:154 Resp: 788971

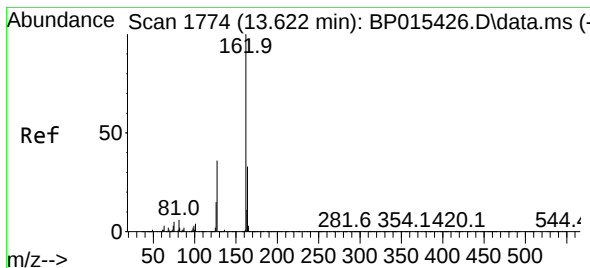
Ion Ratio Lower Upper

154 100

153 40.5 32.2 48.2

76 13.7 10.4 15.6

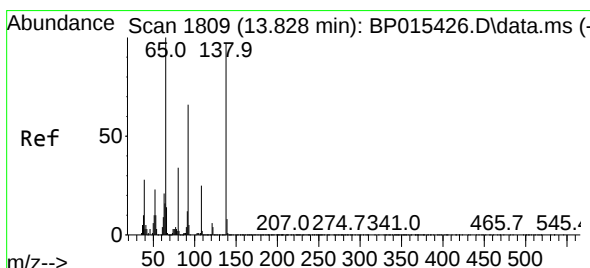
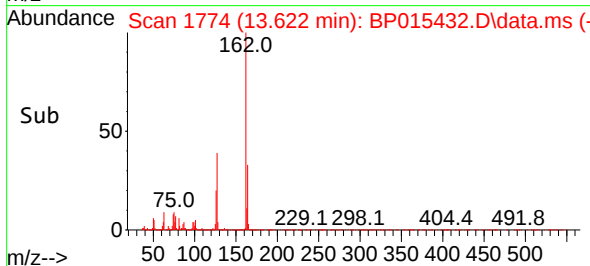
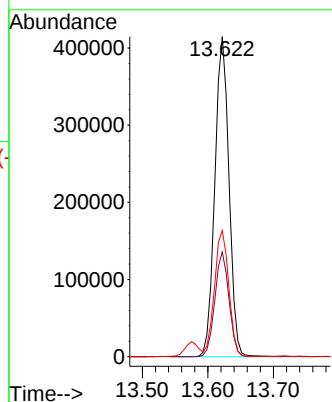
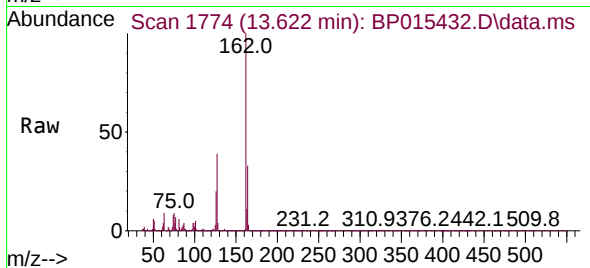




#44
2-Chloronaphthalene
Concen: 24.950 ng/ul
RT: 13.622 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BP015432.D
Acq: 08 Jun 2023 12:41

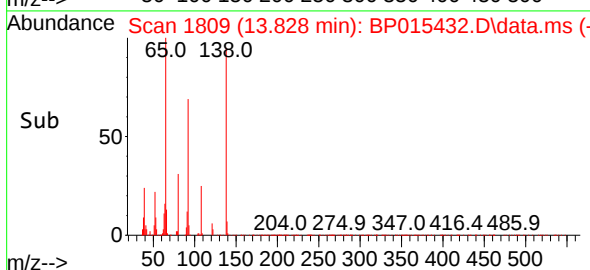
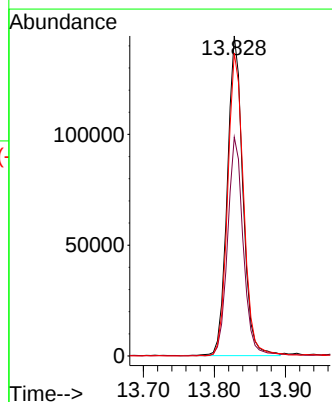
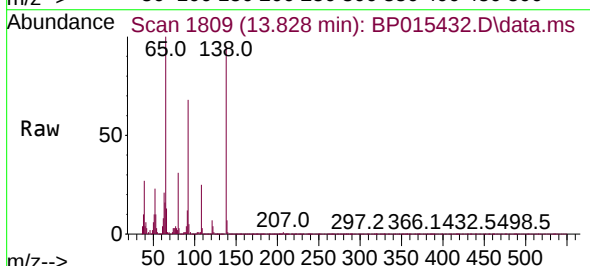
Instrument :
BNA_P
ClientSampleId :
EW999MSD

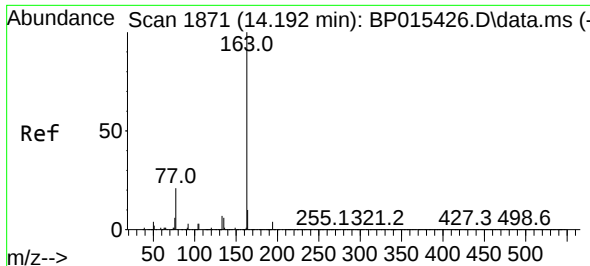
Tgt Ion:162 Resp: 619038
Ion Ratio Lower Upper
162 100
164 32.7 27.0 40.6
127 39.4 32.2 48.4



#45
2-Nitroaniline
Concen: 27.656 ng/ul
RT: 13.828 min Scan# 1809
Delta R.T. -0.006 min
Lab File: BP015432.D
Acq: 08 Jun 2023 12:41

Tgt Ion: 65 Resp: 219609
Ion Ratio Lower Upper
65 100
92 68.4 55.4 83.2
138 94.6 78.8 118.2

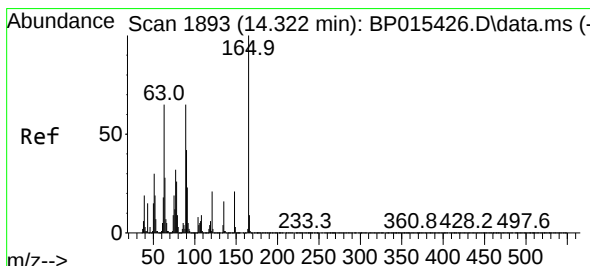
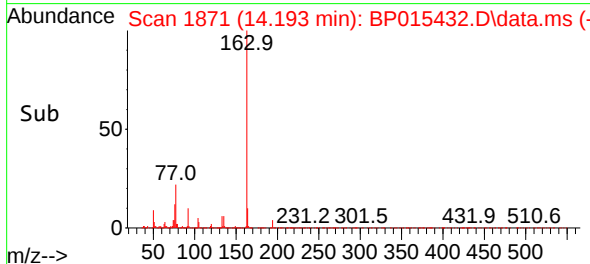
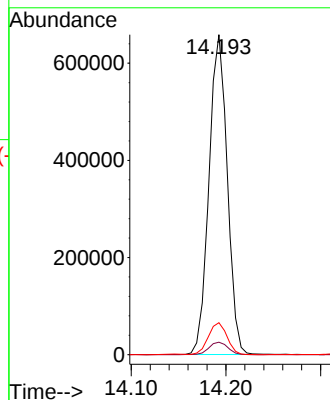
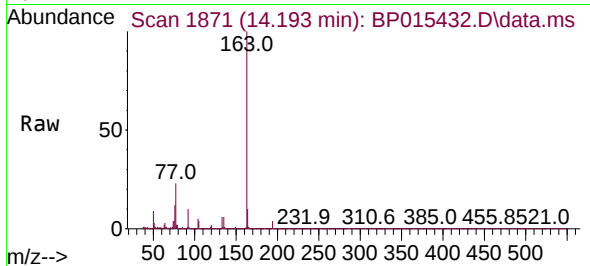




#47
Dimethylphthalate
Concen: 26.500 ng/ul
RT: 14.193 min Scan# 1871
Delta R.T. -0.006 min
Lab File: BP015432.D
Acq: 08 Jun 2023 12:41

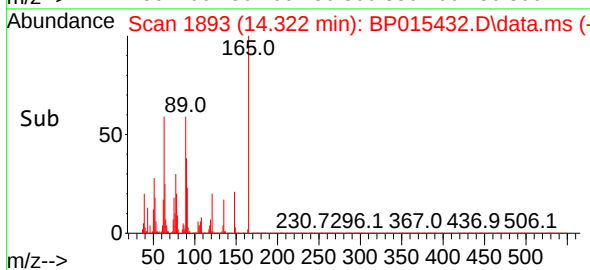
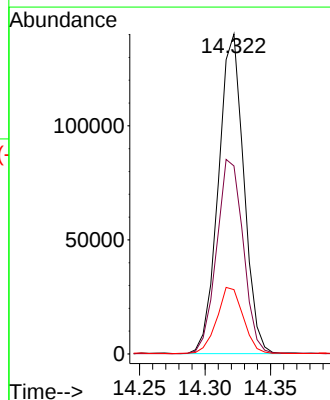
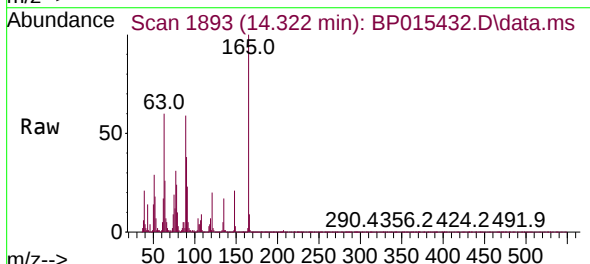
Instrument :
BNA_P
ClientSampleId :
EW999MSD

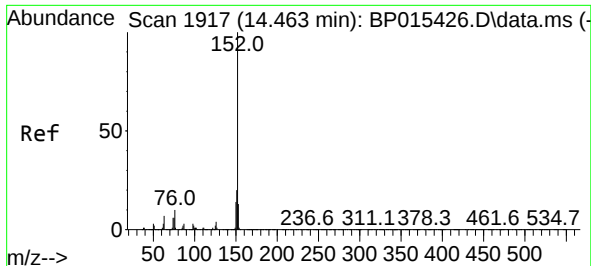
Tgt Ion:163 Resp: 882285
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.0 8.2 12.2



#48
2,6-Dinitrotoluene
Concen: 27.636 ng/ul
RT: 14.322 min Scan# 1893
Delta R.T. -0.000 min
Lab File: BP015432.D
Acq: 08 Jun 2023 12:41

Tgt Ion:165 Resp: 188514
Ion Ratio Lower Upper
165 100
89 58.8 51.5 77.3
121 20.1 17.3 25.9

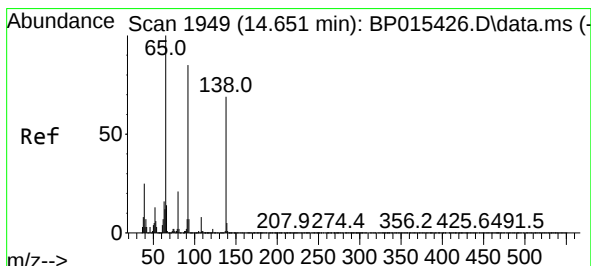
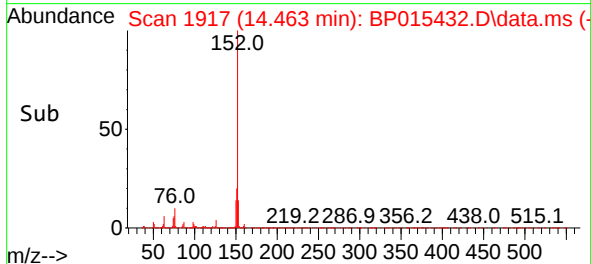
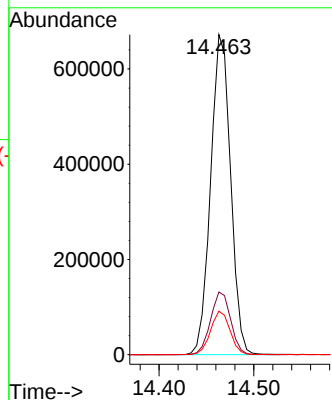
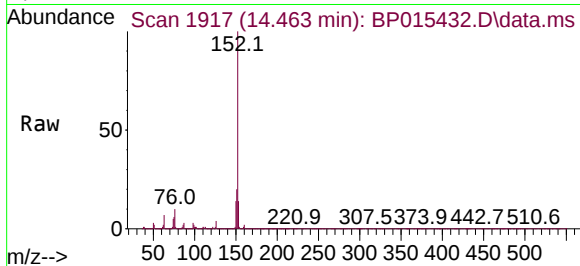




#50
Acenaphthylene
Concen: 25.143 ng/ul
RT: 14.463 min Scan# 1917
Delta R.T. -0.006 min
Lab File: BP015432.D
Acq: 08 Jun 2023 12:41

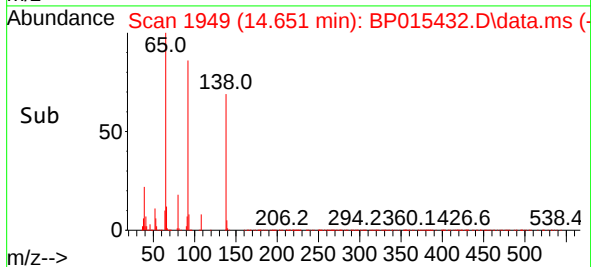
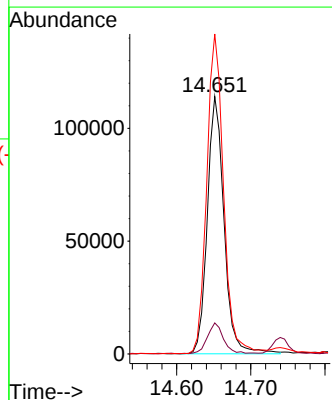
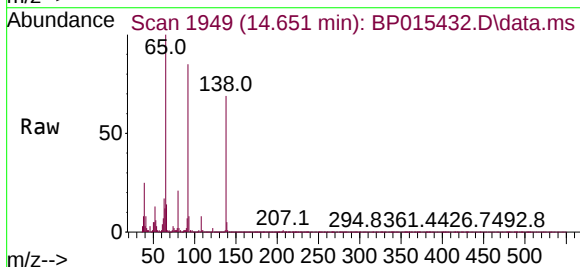
Instrument :
BNA_P
ClientSampleId :
EW999MSD

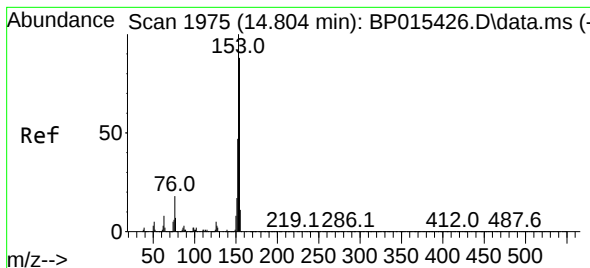
Tgt Ion:152 Resp: 981784
Ion Ratio Lower Upper
152 100
151 19.6 16.0 24.0
153 13.6 10.6 15.8



#51
3-Nitroaniline
Concen: 31.808 ng/ul
RT: 14.651 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP015432.D
Acq: 08 Jun 2023 12:41

Tgt Ion:138 Resp: 179110
Ion Ratio Lower Upper
138 100
108 12.0 8.4 12.6
92 124.3 98.0 147.0





#52

Acenaphthene

Concen: 25.424 ng/ul

RT: 14.804 min Scan# 1975

Delta R.T. -0.006 min

Lab File: BP015432.D

Acq: 08 Jun 2023 12:41

Instrument :

BNA_P

ClientSampleId :

EW999MSD

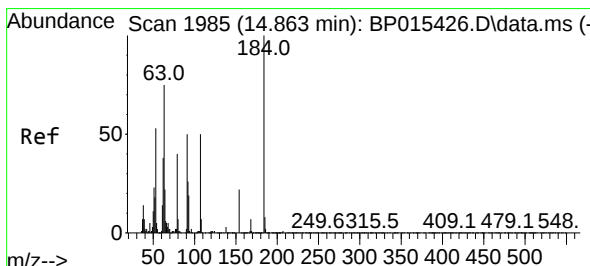
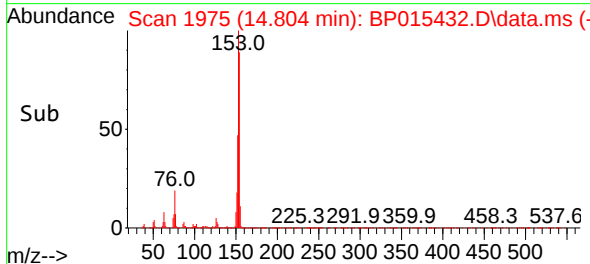
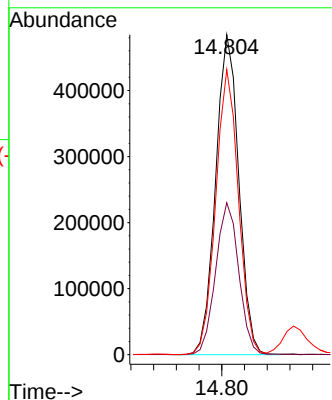
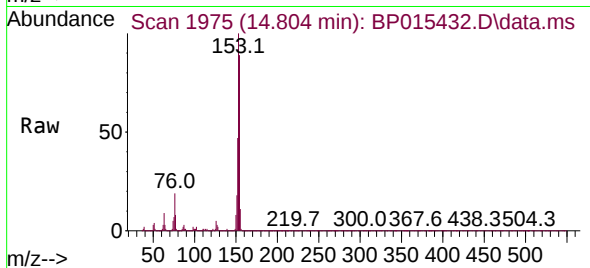
Tgt Ion:153 Resp: 686224

Ion Ratio Lower Upper

153 100

152 47.5 38.3 57.5

154 89.1 69.8 104.6



#53

2,4-Dinitrophenol

Concen: 24.123 ng/ul

RT: 14.863 min Scan# 1985

Delta R.T. -0.006 min

Lab File: BP015432.D

Acq: 08 Jun 2023 12:41

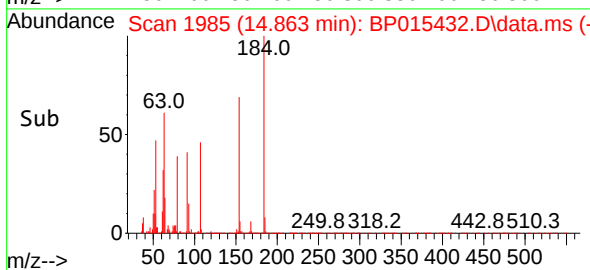
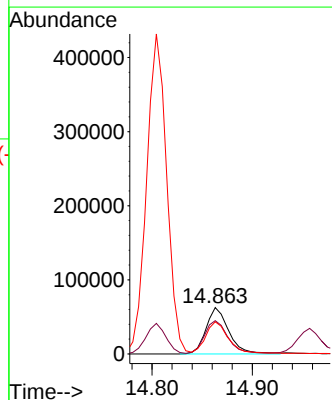
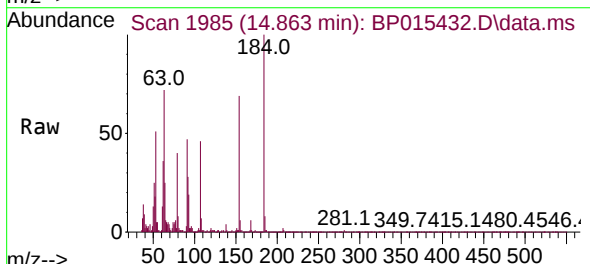
Tgt Ion:184 Resp: 98984

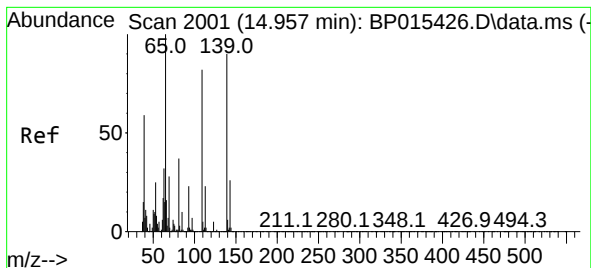
Ion Ratio Lower Upper

184 100

63 71.6 59.0 88.4

154 69.3 57.6 86.4

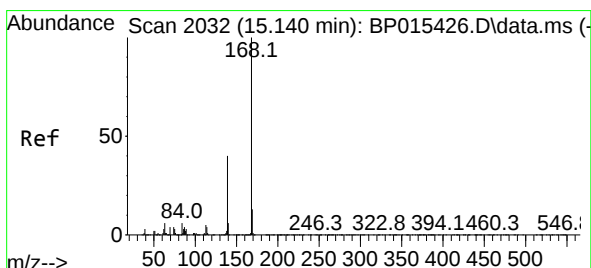
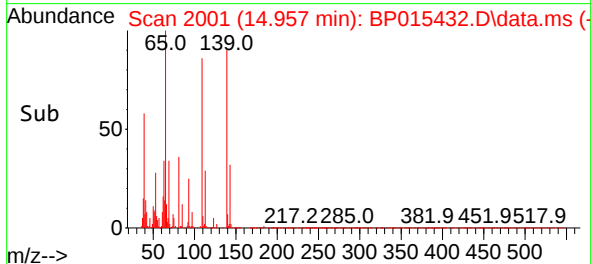
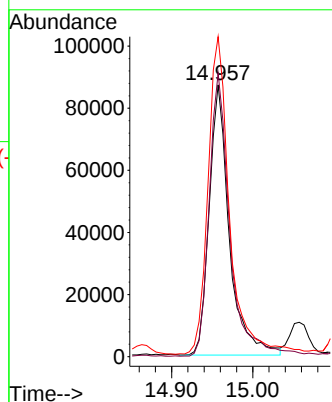
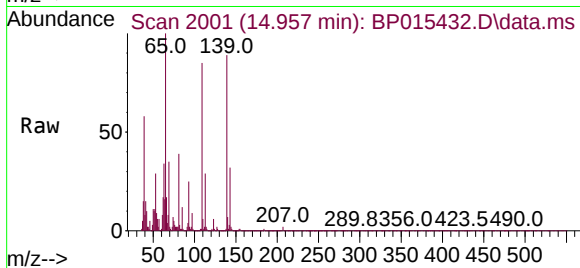




#55
4-Nitrophenol
Concen: 26.901 ng/ul
RT: 14.957 min Scan# 2001
Delta R.T. -0.000 min
Lab File: BP015432.D
Acq: 08 Jun 2023 12:41

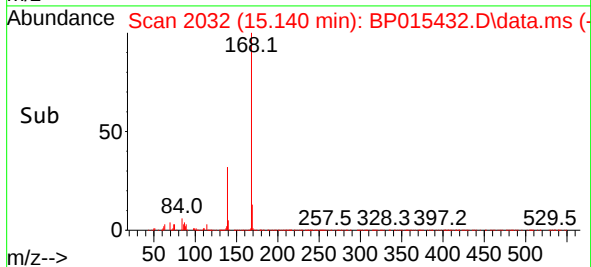
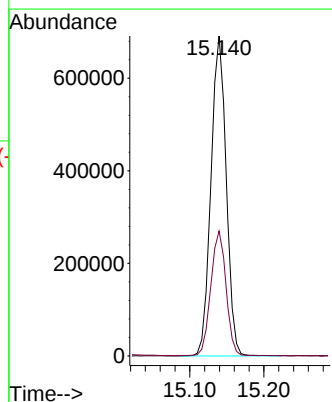
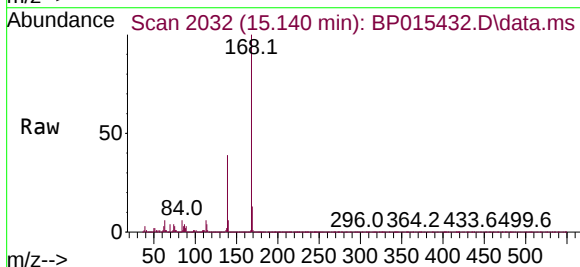
Instrument :
BNA_P
ClientSampleId :
EW999MSD

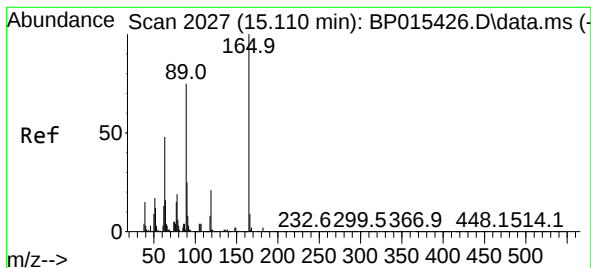
Tgt Ion:109 Resp: 149839
Ion Ratio Lower Upper
109 100
139 104.2 89.1 133.7
65 117.7 103.1 154.7



#56
Dibenzofuran
Concen: 25.826 ng/ul
RT: 15.140 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BP015432.D
Acq: 08 Jun 2023 12:41

Tgt Ion:168 Resp: 987983
Ion Ratio Lower Upper
168 100
139 39.1 31.2 46.8





#57

2,4-Dinitrotoluene

Concen: 27.932 ng/ul

RT: 15.110 min Scan# 2027

Delta R.T. -0.000 min

Lab File: BP015432.D

Acq: 08 Jun 2023 12:41

Instrument :

BNA_P

ClientSampleId :

EW999MSD

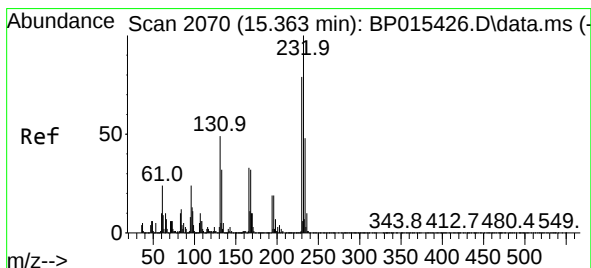
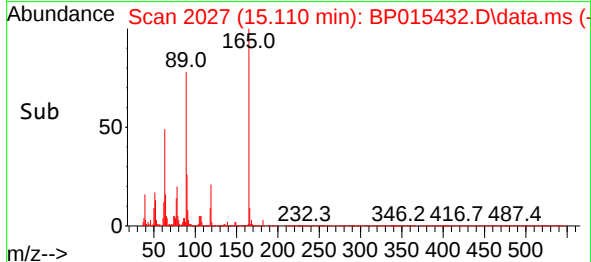
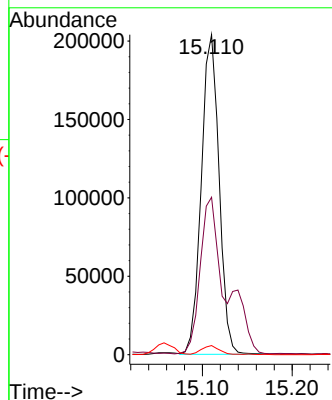
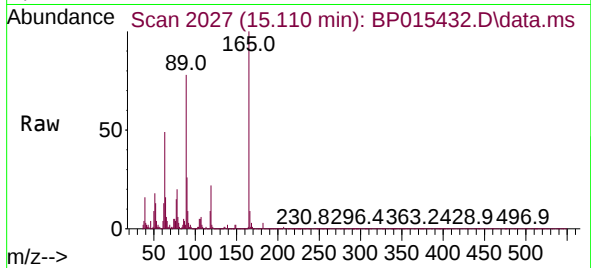
Tgt Ion:165 Resp: 280234

Ion Ratio Lower Upper

165 100

63 49.2 39.1 58.7

182 2.9 2.2 3.4



#58

2,3,4,6-Tetrachlorophenol

Concen: 27.342 ng/ul

RT: 15.363 min Scan# 2070

Delta R.T. -0.006 min

Lab File: BP015432.D

Acq: 08 Jun 2023 12:41

Tgt Ion:232 Resp: 228000

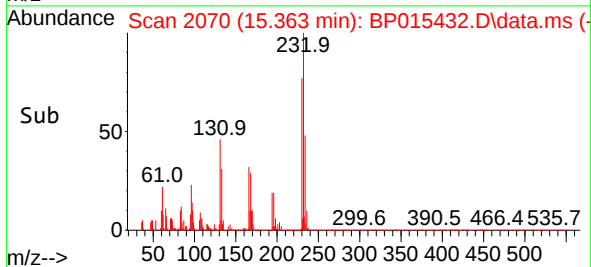
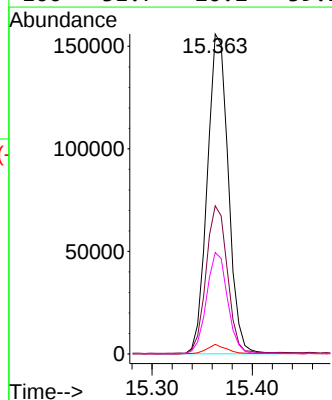
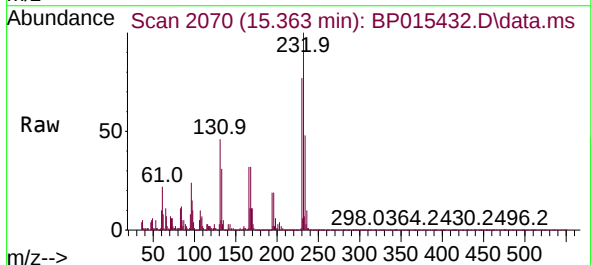
Ion Ratio Lower Upper

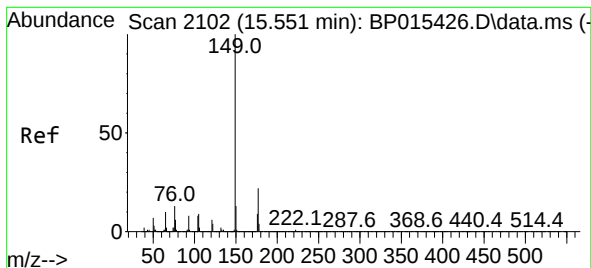
232 100

131 46.3 37.8 56.8

130 3.0 1.9 2.9#

166 31.7 26.2 39.2





#59

Diethylphthalate

Concen: 27.602 ng/ul

RT: 15.551 min Scan# 2102

Delta R.T. -0.006 min

Lab File: BP015432.D

Acq: 08 Jun 2023 12:41

Instrument :

BNA_P

ClientSampleId :

EW999MSD

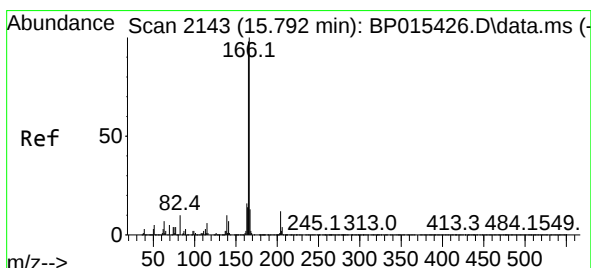
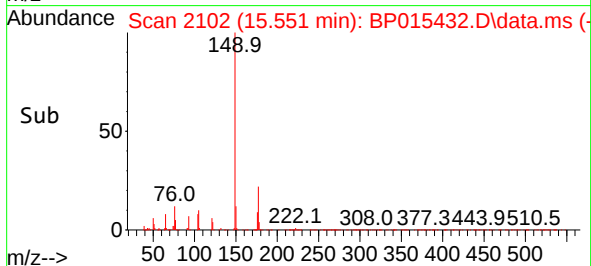
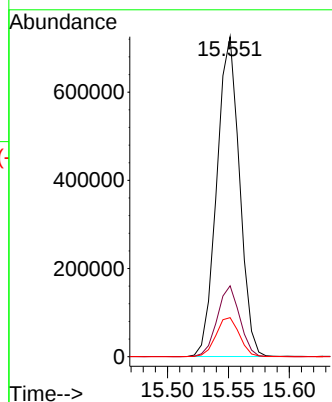
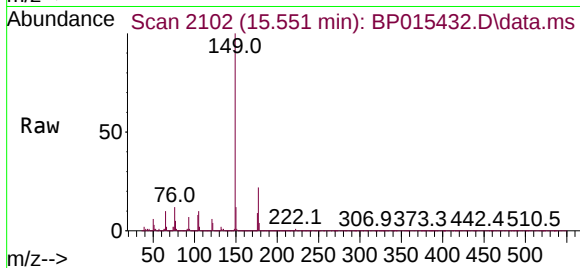
Tgt Ion:149 Resp: 941844

Ion Ratio Lower Upper

149 100

177 22.1 17.8 26.8

150 12.2 10.1 15.1



#61

Fluorene

Concen: 26.163 ng/ul

RT: 15.787 min Scan# 2142

Delta R.T. -0.006 min

Lab File: BP015432.D

Acq: 08 Jun 2023 12:41

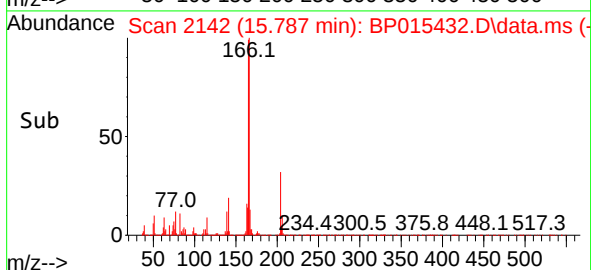
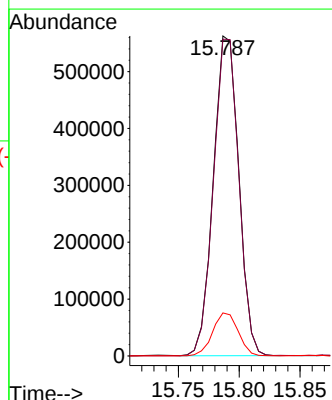
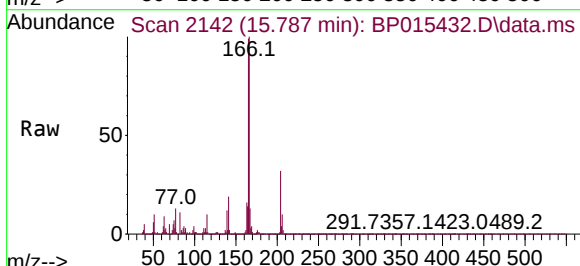
Tgt Ion:166 Resp: 815907

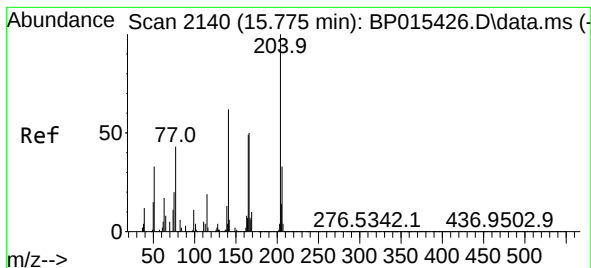
Ion Ratio Lower Upper

166 100

165 99.0 79.1 118.7

167 13.5 10.6 16.0

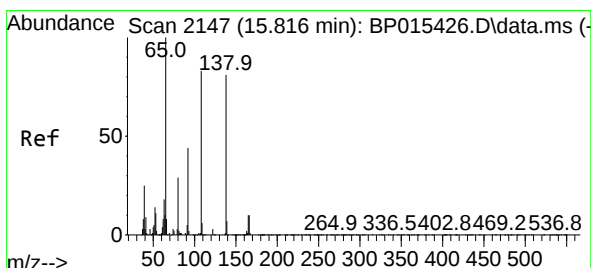
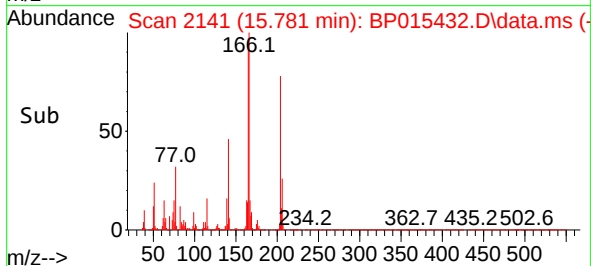
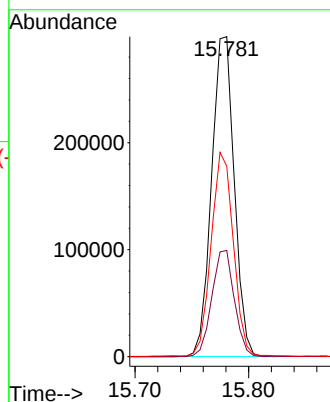
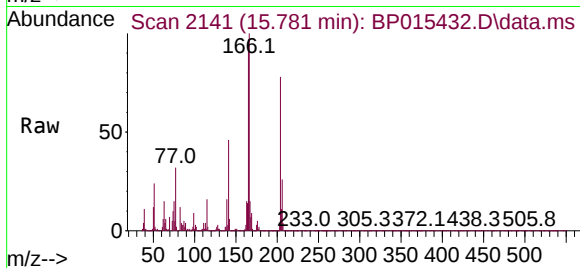




#62
4-Chlorophenyl-phenylether
Concen: 26.337 ng/ul
RT: 15.781 min Scan# 2141
Delta R.T. -0.000 min
Lab File: BP015432.D
Acq: 08 Jun 2023 12:41

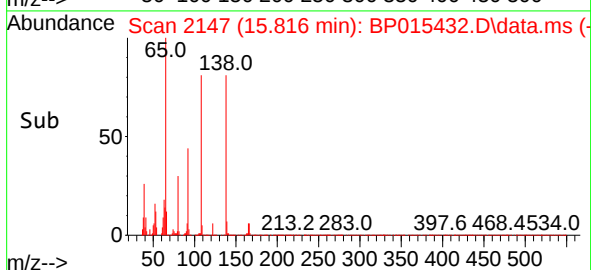
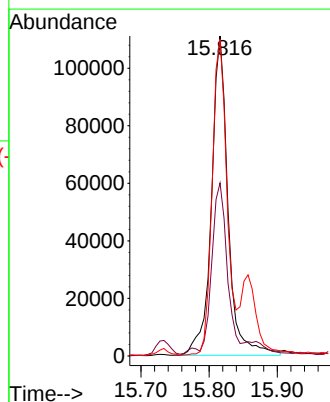
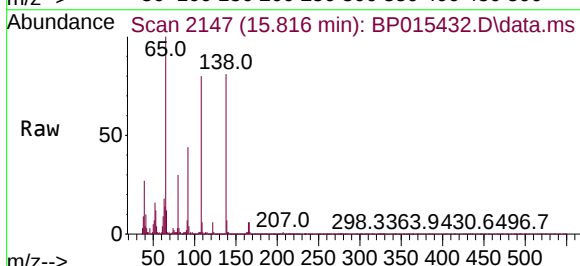
Instrument :
BNA_P
ClientSampleId :
EW999MSD

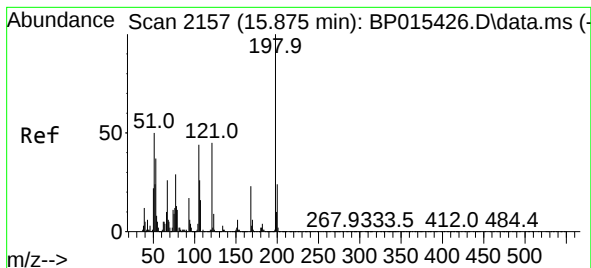
Tgt Ion:204 Resp: 413939
Ion Ratio Lower Upper
204 100
206 33.2 26.6 40.0
141 59.6 49.8 74.8



#63
4-Nitroaniline
Concen: 35.371 ng/ul
RT: 15.816 min Scan# 2147
Delta R.T. -0.000 min
Lab File: BP015432.D
Acq: 08 Jun 2023 12:41

Tgt Ion:138 Resp: 188923
Ion Ratio Lower Upper
138 100
92 54.1 44.6 67.0
108 98.9 78.4 117.6

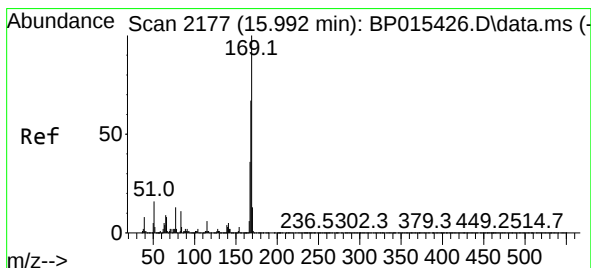
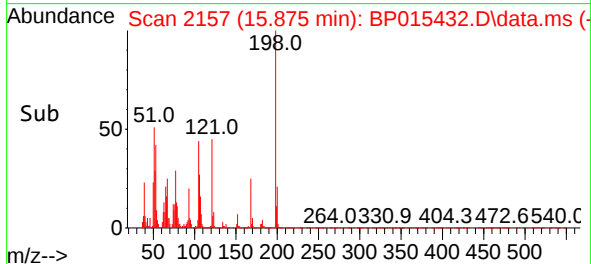
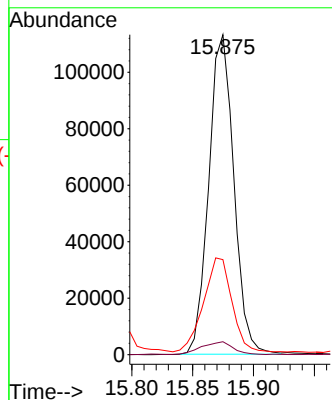
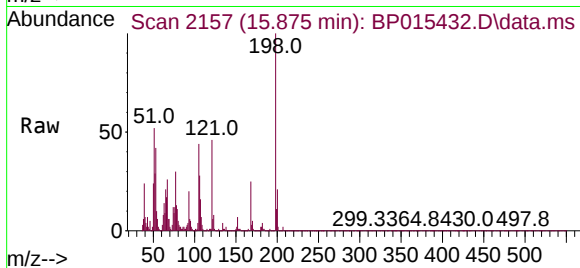




#66
4,6-Dinitro-2-methylphenol
Concen: 26.433 ng/ul
RT: 15.875 min Scan# 2157
Delta R.T. -0.006 min
Lab File: BP015432.D
Acq: 08 Jun 2023 12:41

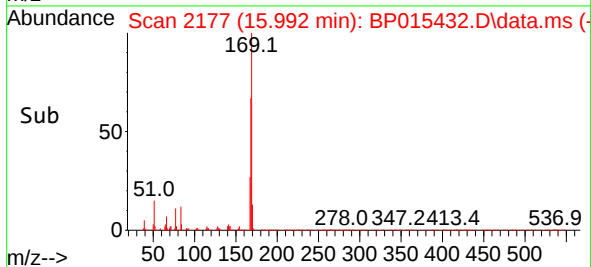
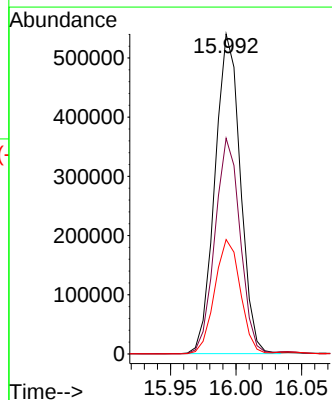
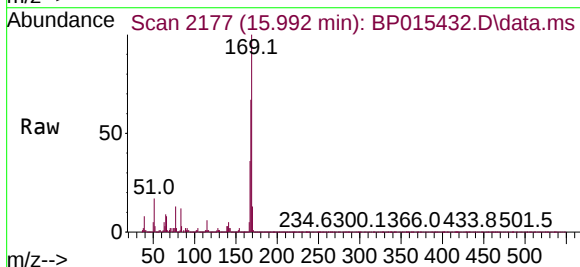
Instrument :
BNA_P
ClientSampleId :
EW999MSD

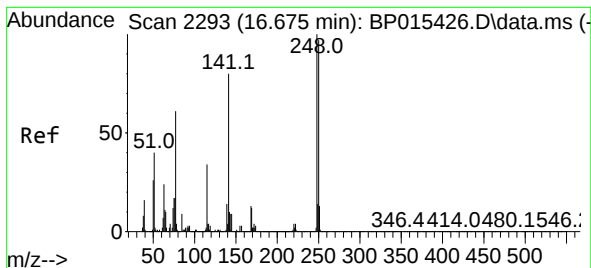
Tgt Ion:198 Resp: 162741
Ion Ratio Lower Upper
198 100
182 4.0 3.0 4.4
77 29.7 20.5 30.7



#67
N-Nitrosodiphenylamine
Concen: 26.856 ng/ul
RT: 15.992 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BP015432.D
Acq: 08 Jun 2023 12:41

Tgt Ion:169 Resp: 726029
Ion Ratio Lower Upper
169 100
168 67.4 53.0 79.4
167 35.8 28.9 43.3

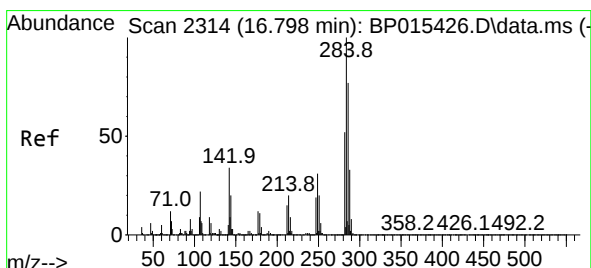
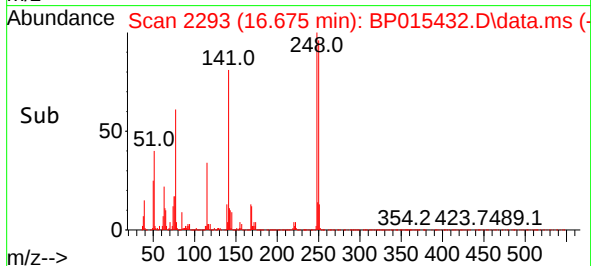
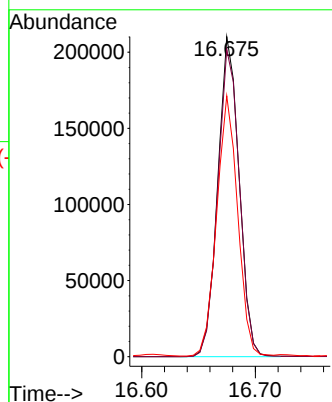
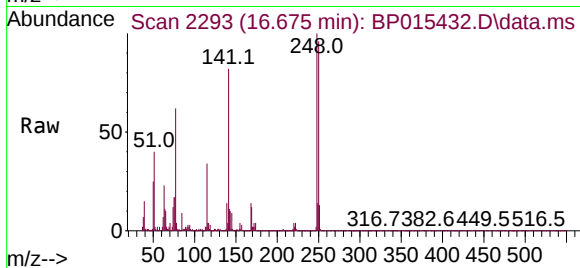




#68
4-Bromophenyl-phenylether
Concen: 26.908 ng/ul
RT: 16.675 min Scan# 2293
Delta R.T. -0.006 min
Lab File: BP015432.D
Acq: 08 Jun 2023 12:41

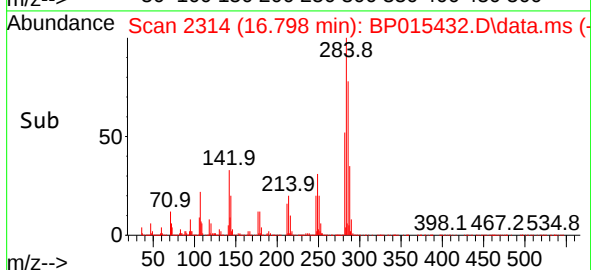
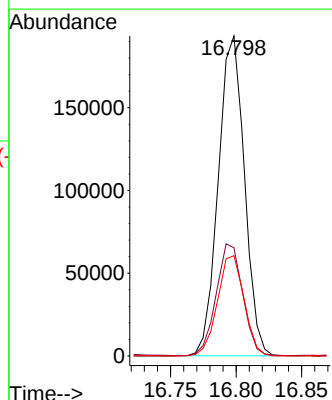
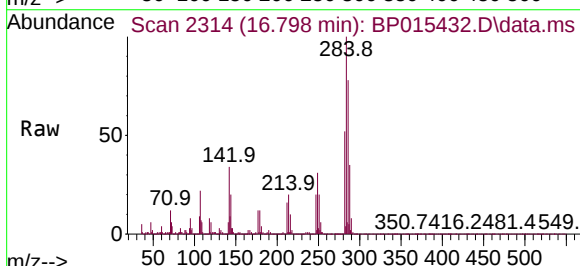
Instrument :
BNA_P
ClientSampleId :
EW999MSD

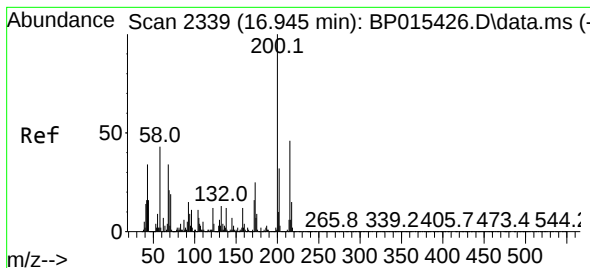
Tgt Ion:248 Resp: 274312
Ion Ratio Lower Upper
248 100
250 96.0 78.3 117.5
141 81.5 61.1 91.7



#69
Hexachlorobenzene
Concen: 22.281 ng/ul
RT: 16.798 min Scan# 2314
Delta R.T. -0.006 min
Lab File: BP015432.D
Acq: 08 Jun 2023 12:41

Tgt Ion:284 Resp: 267935
Ion Ratio Lower Upper
284 100
142 33.8 25.4 38.2
249 31.4 24.8 37.2





#70

Atrazine

Concen: 19.361 ng/ul

RT: 16.945 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015432.D

Acq: 08 Jun 2023 12:41

Instrument :

BNA_P

ClientSampleId :

EW999MSD

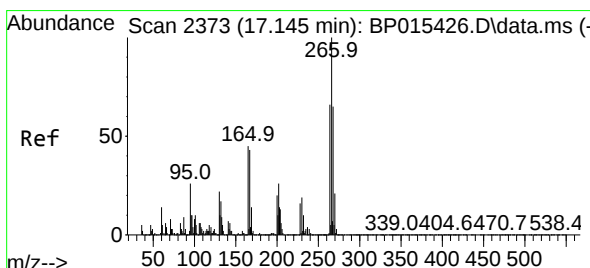
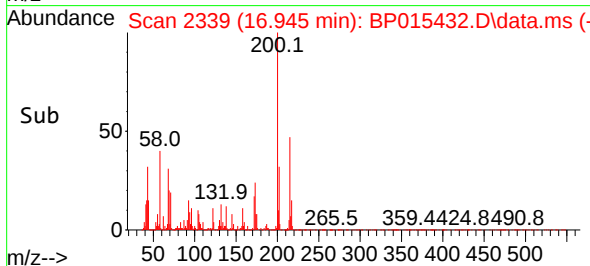
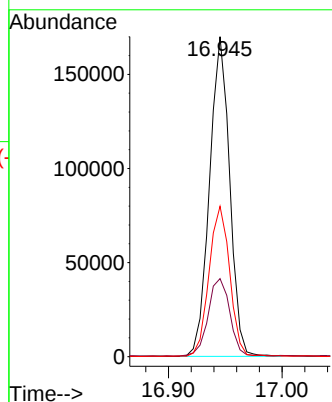
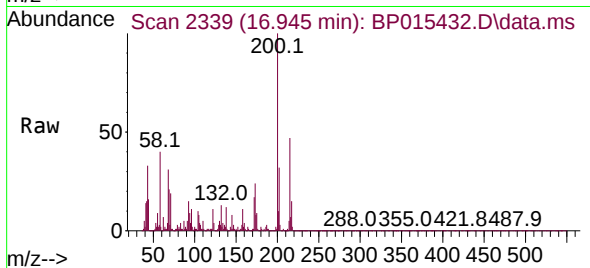
Tgt Ion:200 Resp: 209006

Ion Ratio Lower Upper

200 100

173 24.4 19.8 29.6

215 47.0 37.4 56.0



#71

Pentachlorophenol

Concen: 26.706 ng/ul

RT: 17.145 min Scan# 2373

Delta R.T. -0.006 min

Lab File: BP015432.D

Acq: 08 Jun 2023 12:41

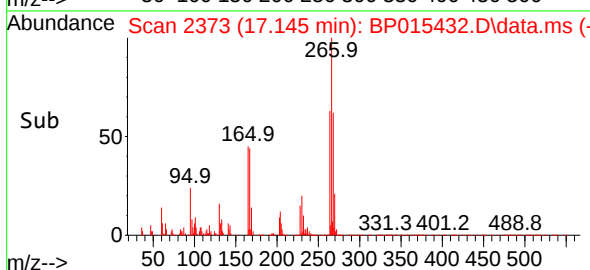
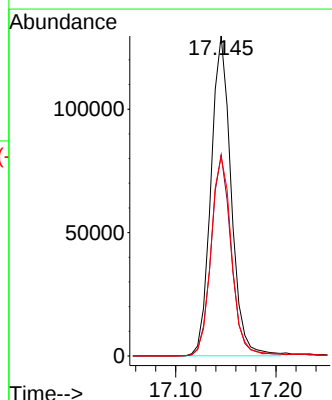
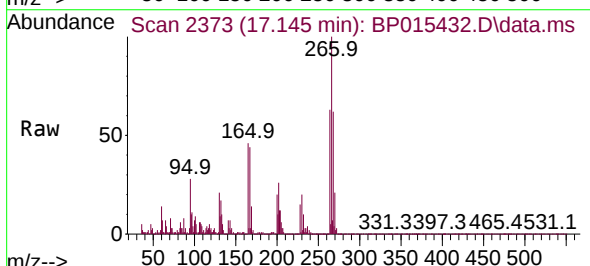
Tgt Ion:266 Resp: 181520

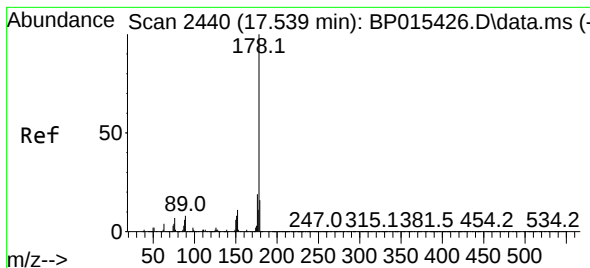
Ion Ratio Lower Upper

266 100

264 62.8 49.6 74.4

268 62.3 51.0 76.6





#72

Phenanthrene

Concen: 27.368 ng/ul

RT: 17.539 min Scan# 2440

Delta R.T. -0.006 min

Lab File: BP015432.D

Acq: 08 Jun 2023 12:41

Instrument :

BNA_P

ClientSampleId :

EW999MSD

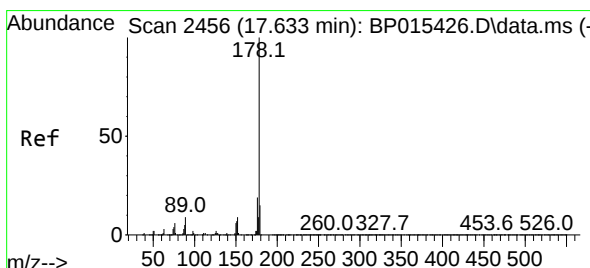
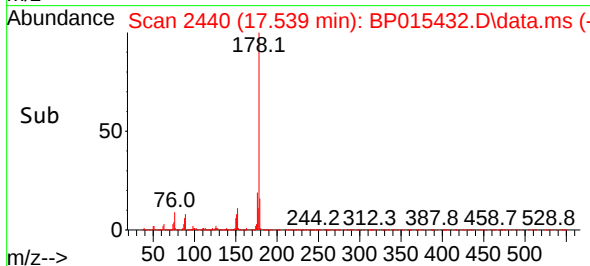
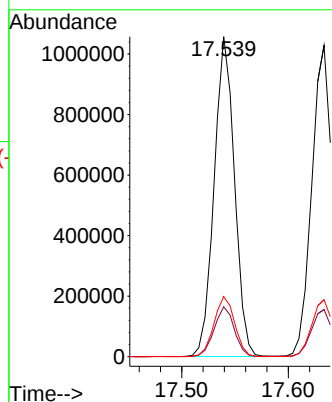
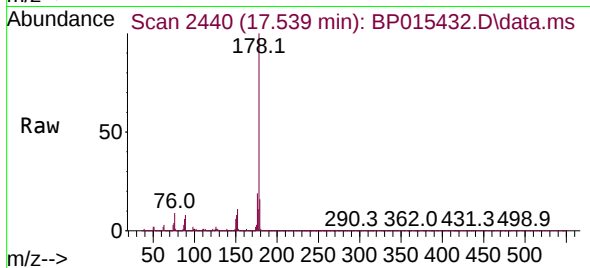
Tgt Ion:178 Resp: 1399485

Ion Ratio Lower Upper

178 100

179 15.6 12.3 18.5

176 18.8 15.4 23.0



#74

Anthracene

Concen: 26.717 ng/ul

RT: 17.634 min Scan# 2456

Delta R.T. -0.000 min

Lab File: BP015432.D

Acq: 08 Jun 2023 12:41

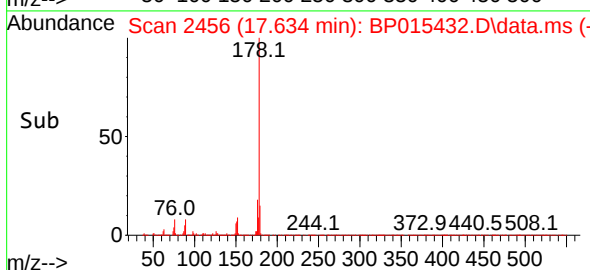
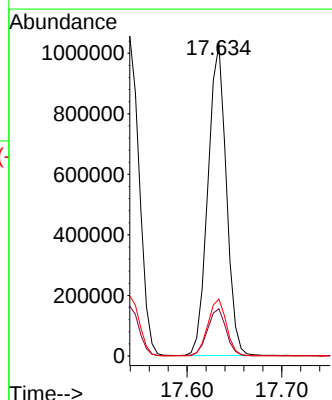
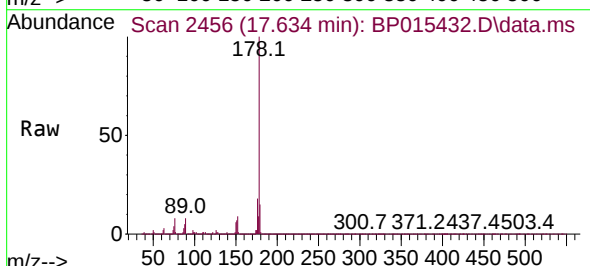
Tgt Ion:178 Resp: 1386220

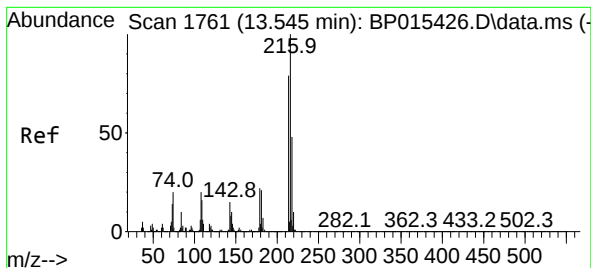
Ion Ratio Lower Upper

178 100

179 15.2 12.4 18.6

176 18.3 15.0 22.4

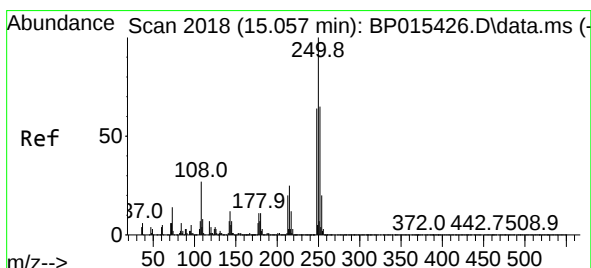
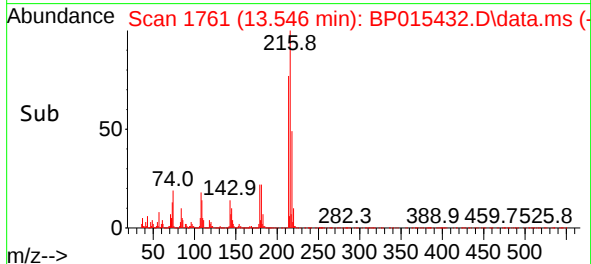
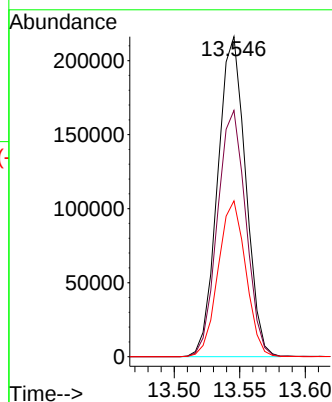
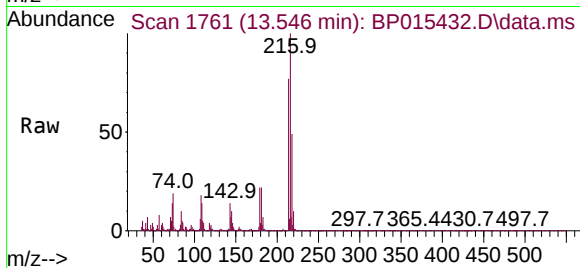




#75
1,2,3,4-Tetrachlorobenzene
Concen: 24.381 ng/uL
RT: 13.546 min Scan# 1761
Delta R.T. -0.006 min
Lab File: BP015432.D
Acq: 08 Jun 2023 12:41

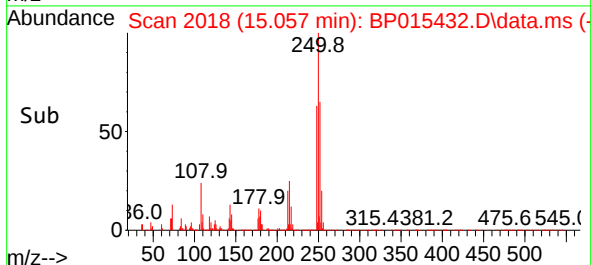
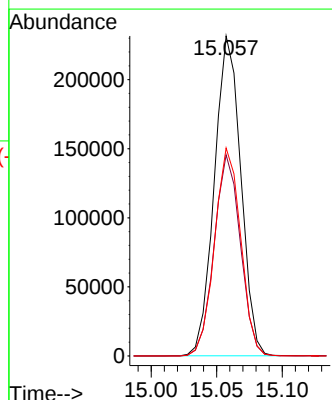
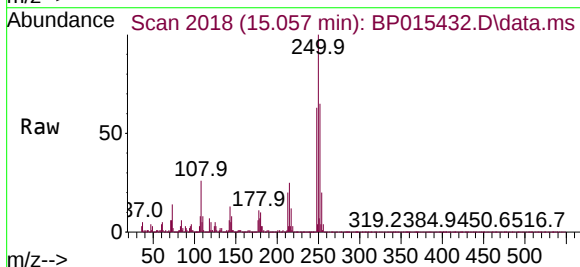
Instrument :
BNA_P
ClientSampleId :
EW999MSD

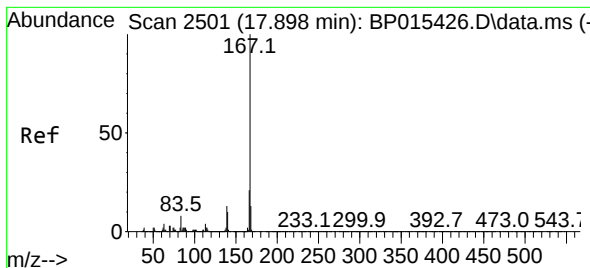
Tgt Ion:216 Resp: 320642
Ion Ratio Lower Upper
216 100
214 77.0 62.1 93.1
218 48.7 39.0 58.4



#76
Pentachlorobenzene
Concen: 23.579 ng/uL
RT: 15.057 min Scan# 1818
Delta R.T. -0.006 min
Lab File: BP015432.D
Acq: 08 Jun 2023 12:41

Tgt Ion:250 Resp: 324667
Ion Ratio Lower Upper
250 100
248 62.9 49.0 73.4
252 65.0 49.9 74.9





#77

Carbazole

Concen: 25.679 ng/ul

RT: 17.898 min Scan# 2501

Delta R.T. -0.006 min

Lab File: BP015432.D

Acq: 08 Jun 2023 12:41

Instrument :

BNA_P

ClientSampleId :

EW999MSD

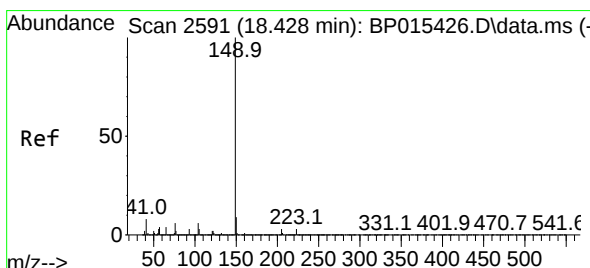
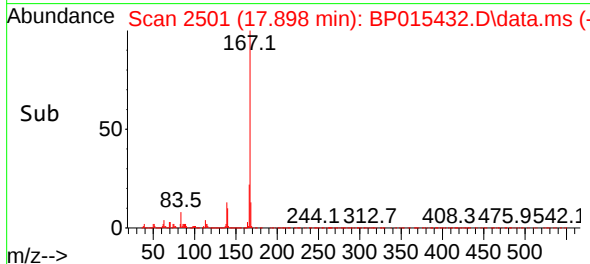
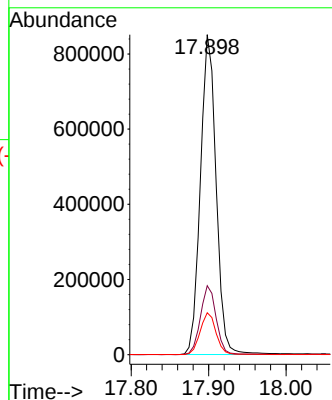
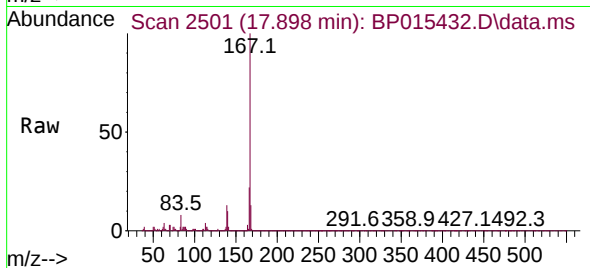
Tgt Ion:167 Resp: 1199695

Ion Ratio Lower Upper

167 100

166 21.6 17.2 25.8

139 13.1 10.6 16.0



#78

Di-n-butylphthalate

Concen: 30.065 ng/ul

RT: 18.428 min Scan# 2591

Delta R.T. -0.006 min

Lab File: BP015432.D

Acq: 08 Jun 2023 12:41

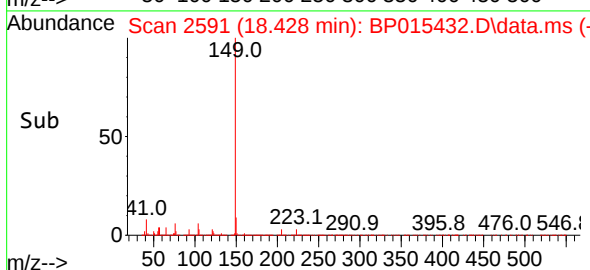
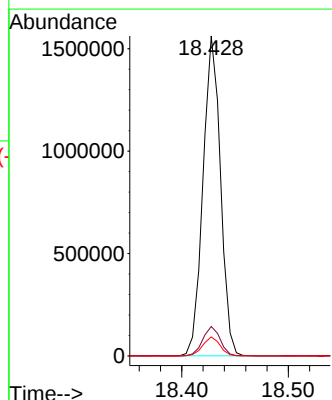
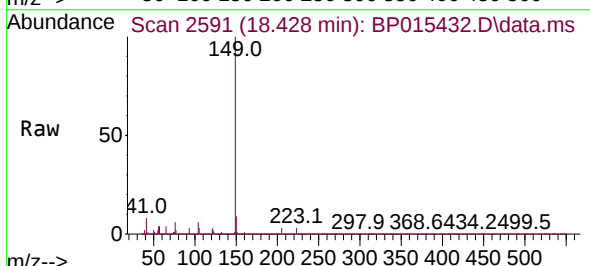
Tgt Ion:149 Resp: 1782116

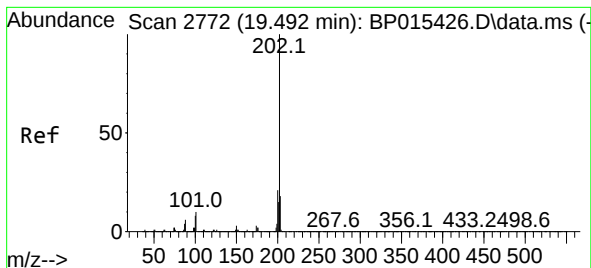
Ion Ratio Lower Upper

149 100

150 9.2 7.1 10.7

104 5.9 4.5 6.7





#80

Fluoranthene

Concen: 28.904 ng/ul

RT: 19.492 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015432.D

Acq: 08 Jun 2023 12:41

Instrument :

BNA_P

ClientSampleId :

EW999MSD

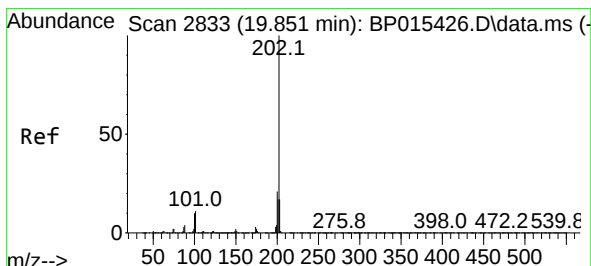
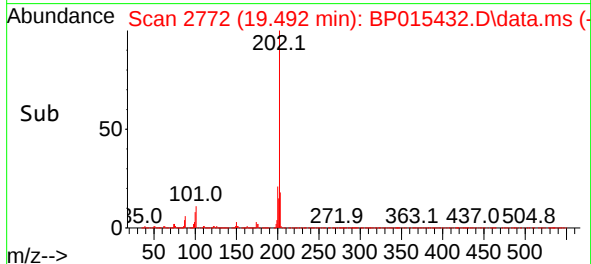
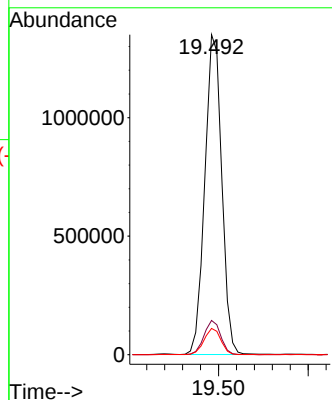
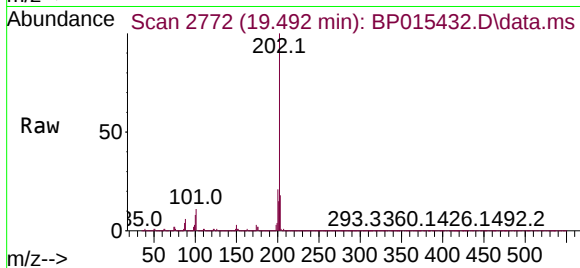
Tgt Ion:202 Resp: 1769253

Ion Ratio Lower Upper

202 100

101 10.7 8.6 13.0

100 8.2 6.6 9.8



#82

Pyrene

Concen: 24.342 ng/ul

RT: 19.845 min Scan# 2832

Delta R.T. -0.006 min

Lab File: BP015432.D

Acq: 08 Jun 2023 12:41

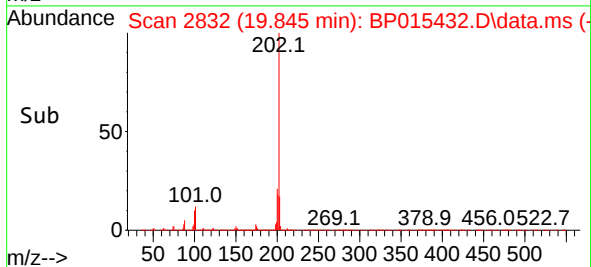
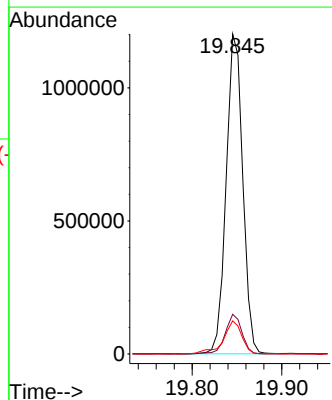
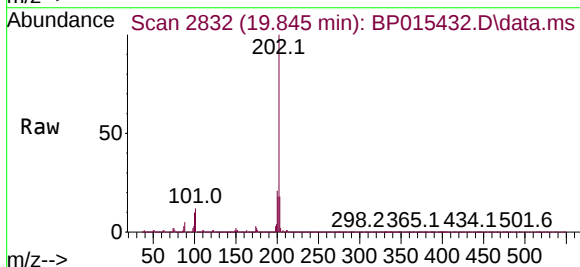
Tgt Ion:202 Resp: 1541489

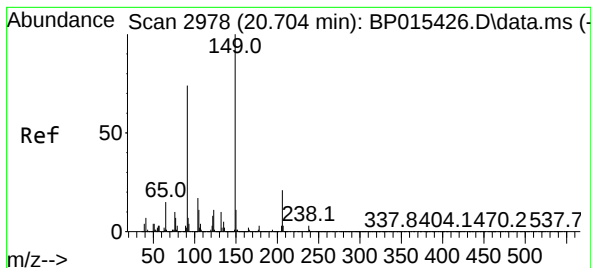
Ion Ratio Lower Upper

202 100

101 12.4 9.9 14.9

100 10.3 8.4 12.6





#83

Butylbenzylphthalate

Concen: 31.221 ng/ul

RT: 20.704 min Scan# 2978

Delta R.T. -0.000 min

Lab File: BP015432.D

Acq: 08 Jun 2023 12:41

Instrument :

BNA_P

ClientSampleId :

EW999MSD

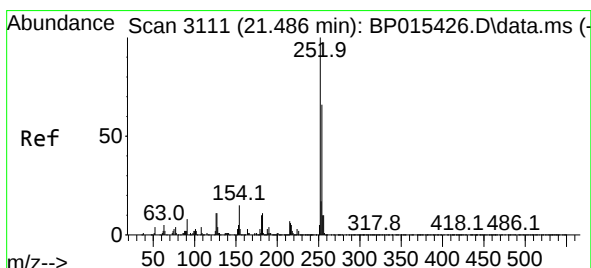
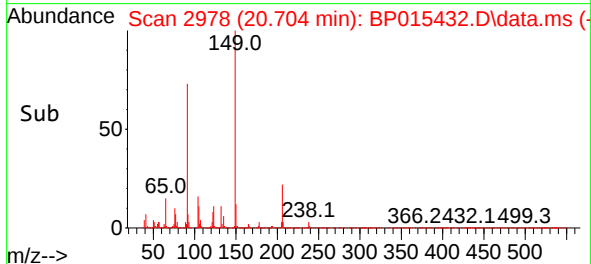
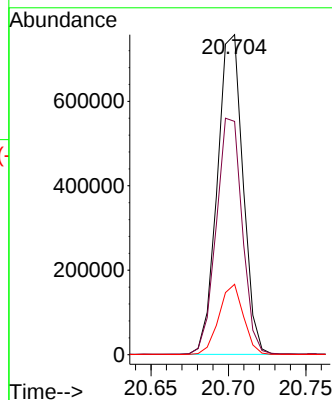
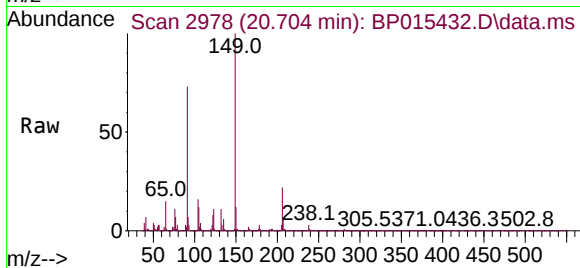
Tgt Ion:149 Resp: 873874

Ion Ratio Lower Upper

149 100

91 72.9 60.4 90.6

206 22.0 16.4 24.6



#84

3,3'-Dichlorobenzidine

Concen: 23.389 ng/ul

RT: 21.486 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BP015432.D

Acq: 08 Jun 2023 12:41

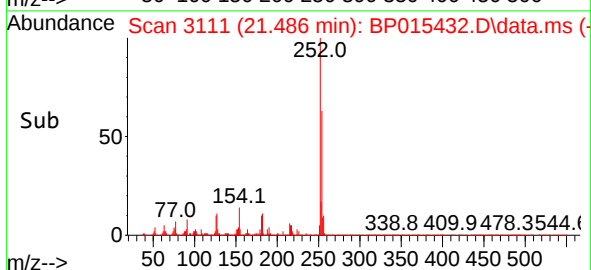
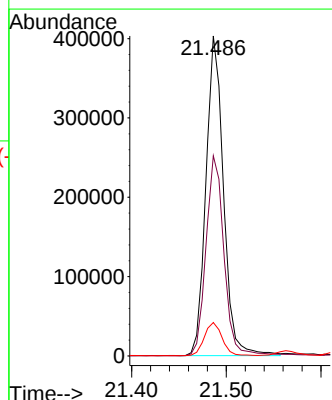
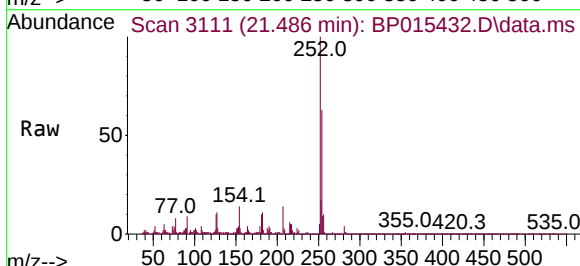
Tgt Ion:252 Resp: 518799

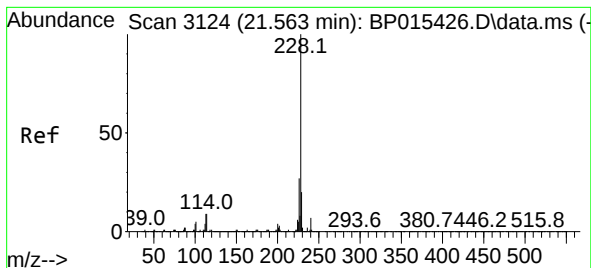
Ion Ratio Lower Upper

252 100

254 62.6 51.6 77.4

126 10.4 8.5 12.7





#85

Benzo(a)anthracene

Concen: 28.120 ng/ul

RT: 21.563 min Scan# 3124

Delta R.T. -0.006 min

Lab File: BP015432.D

Acq: 08 Jun 2023 12:41

Instrument :

BNA_P

ClientSampleId :

EW999MSD

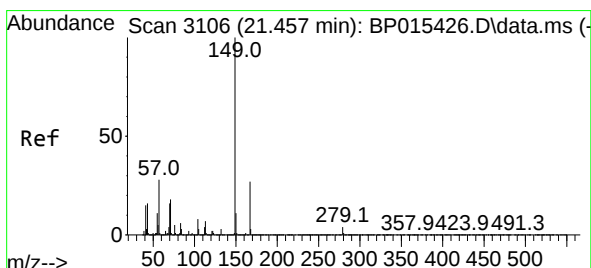
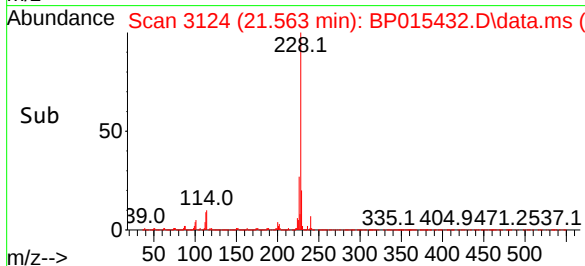
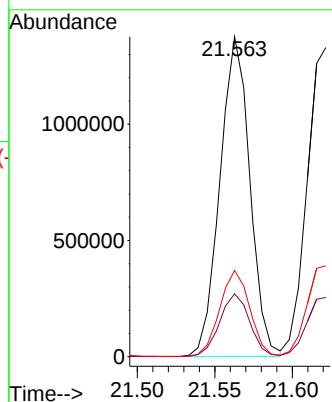
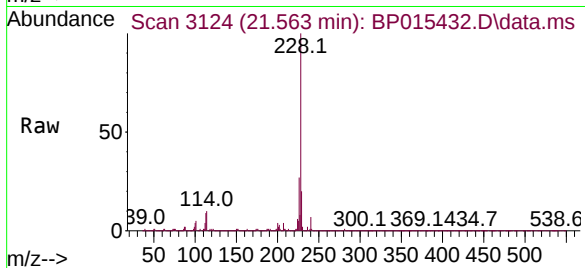
Tgt Ion:228 Resp: 1845698

Ion Ratio Lower Upper

228 100

229 19.6 15.8 23.6

226 26.9 21.8 32.6



#86

Bis(2-ethylhexyl)phthalate

Concen: 31.915 ng/ul

RT: 21.457 min Scan# 3106

Delta R.T. -0.006 min

Lab File: BP015432.D

Acq: 08 Jun 2023 12:41

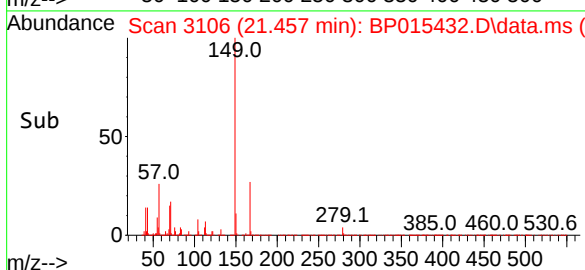
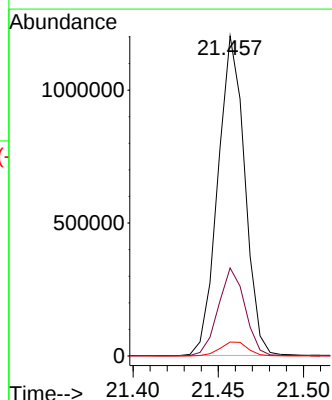
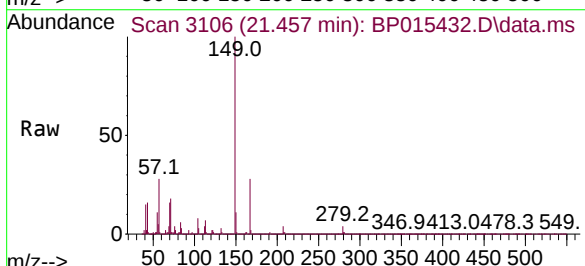
Tgt Ion:149 Resp: 1320360

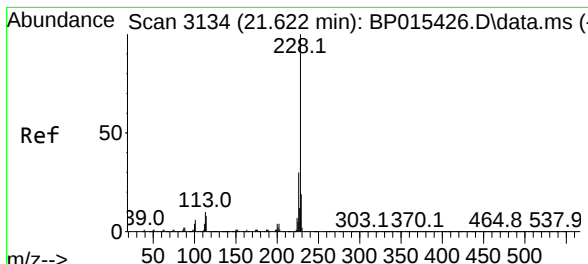
Ion Ratio Lower Upper

149 100

167 27.5 21.8 32.8

279 4.4 3.7 5.5



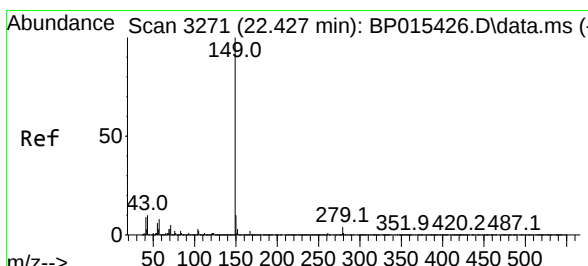
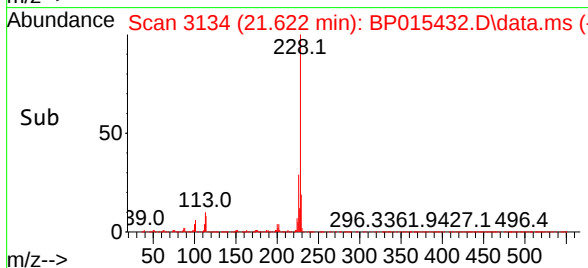
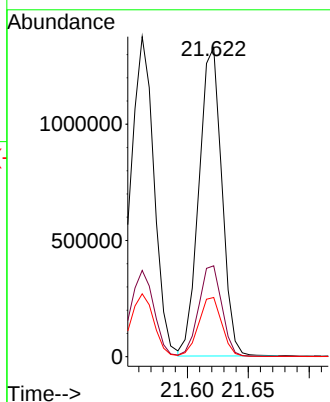
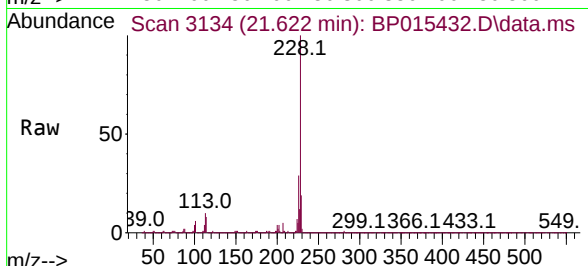


#87
Chrysene
Concen: 27.959 ng/ul
RT: 21.622 min Scan# 3134
Delta R.T. -0.000 min
Lab File: BP015432.D
Acq: 08 Jun 2023 12:41

Instrument :
BNA_P
ClientSampleId :
EW999MSD

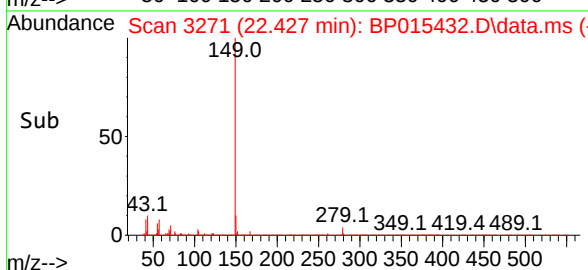
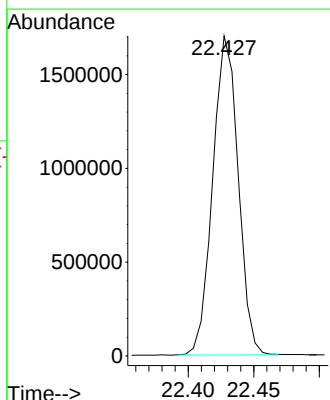
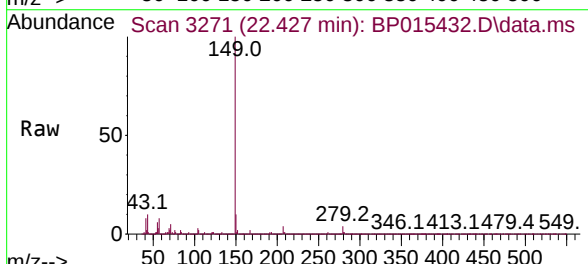
Tgt Ion:228 Resp: 1734559

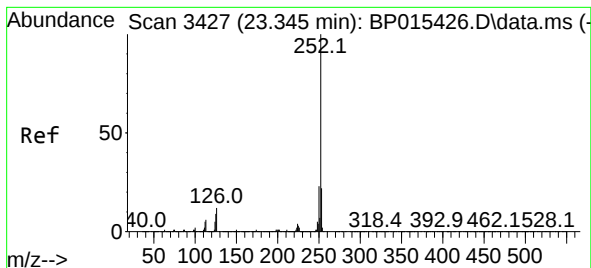
Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.9	35.9
229	19.2	15.1	22.7



#89
Di-n-octyl phthalate
Concen: 33.909 ng/ul
RT: 22.427 min Scan# 3271
Delta R.T. -0.006 min
Lab File: BP015432.D
Acq: 08 Jun 2023 12:41

Tgt Ion:149 Resp: 2293127





#90

Benzo(b)fluoranthene

Concen: 28.095 ng/ul

RT: 23.345 min Scan# 3427

Delta R.T. -0.006 min

Lab File: BP015432.D

Acq: 08 Jun 2023 12:41

Instrument :

BNA_P

ClientSampleId :

EW999MSD

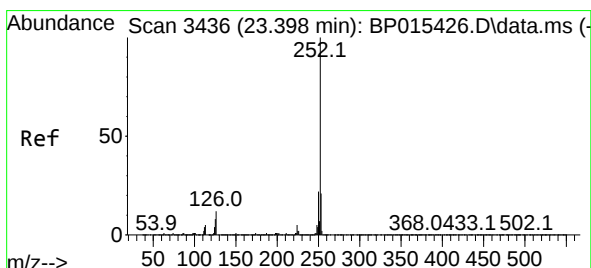
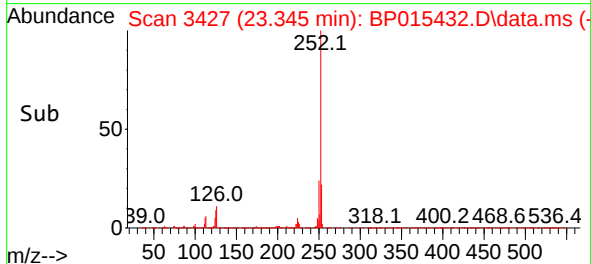
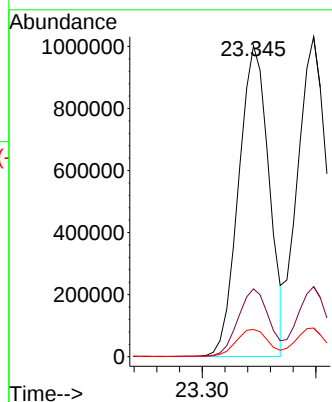
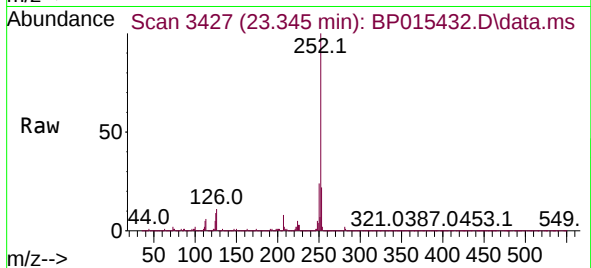
Tgt Ion:252 Resp: 1866005

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 8.7 7.3 10.9



#91

Benzo(k)fluoranthene

Concen: 28.896 ng/ul

RT: 23.398 min Scan# 3436

Delta R.T. -0.006 min

Lab File: BP015432.D

Acq: 08 Jun 2023 12:41

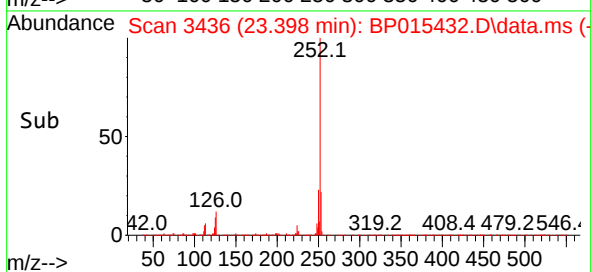
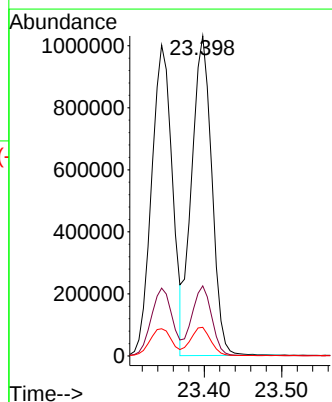
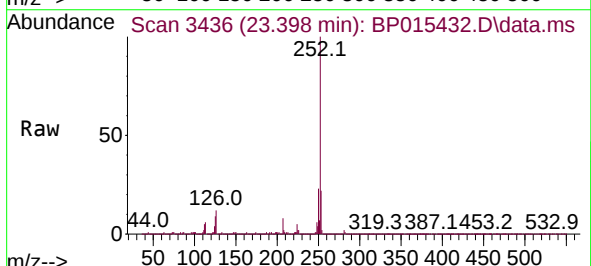
Tgt Ion:252 Resp: 1855208

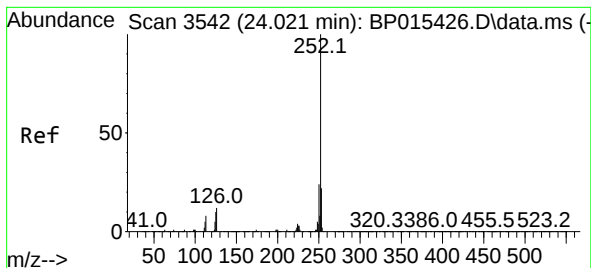
Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 8.9 7.3 10.9





#93

Benzo(a)pyrene

Concen: 17.155 ng/ul

RT: 24.021 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP015432.D

Acq: 08 Jun 2023 12:41

Instrument :

BNA_P

ClientSampleId :

EW999MSD

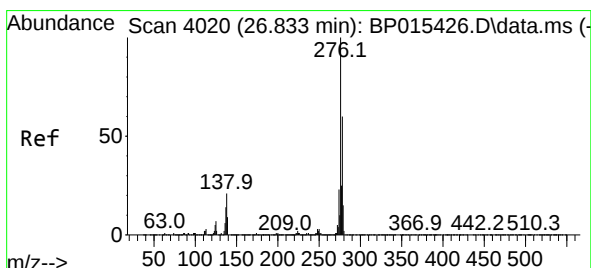
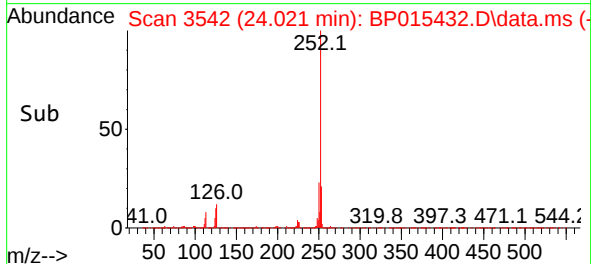
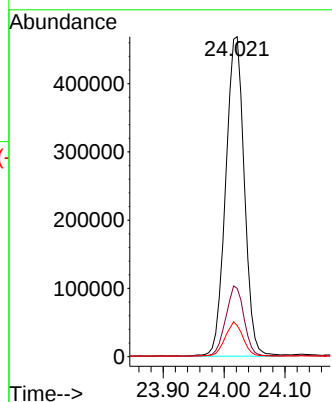
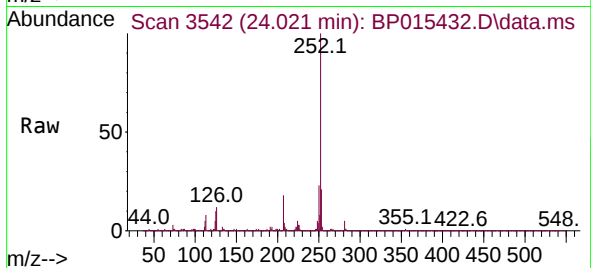
Tgt Ion:252 Resp: 993398

Ion Ratio Lower Upper

252 100

253 21.4 17.8 26.6

125 9.7 8.1 12.1



#94

Indeno(1,2,3-cd)pyrene

Concen: 19.818 ng/ul

RT: 26.839 min Scan# 4021

Delta R.T. -0.006 min

Lab File: BP015432.D

Acq: 08 Jun 2023 12:41

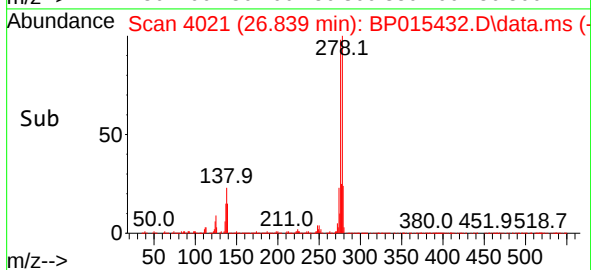
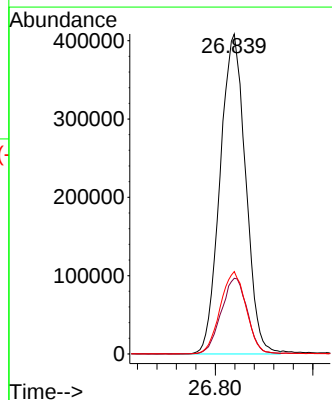
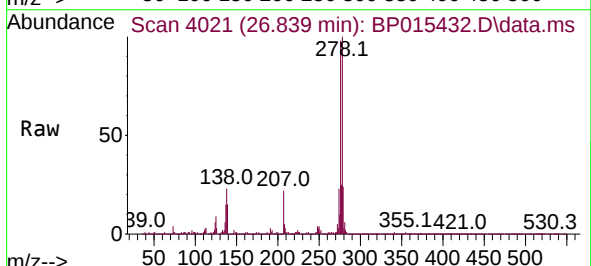
Tgt Ion:276 Resp: 1485177

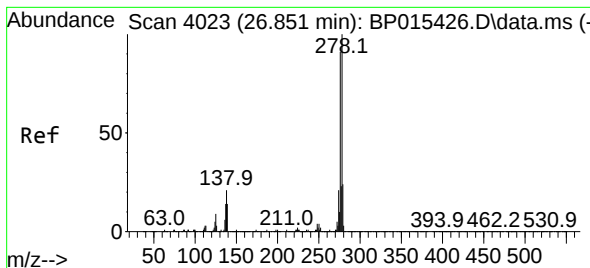
Ion Ratio Lower Upper

276 100

138 23.6 17.3 25.9

277 25.8 20.2 30.2





#95

Dibenzo(a,h)anthracene

Concen: 26.002 ng/ul

RT: 26.851 min Scan# 4023

Delta R.T. -0.012 min

Lab File: BP015432.D

Acq: 08 Jun 2023 12:41

Instrument :

BNA_P

ClientSampleId :

EW999MSD

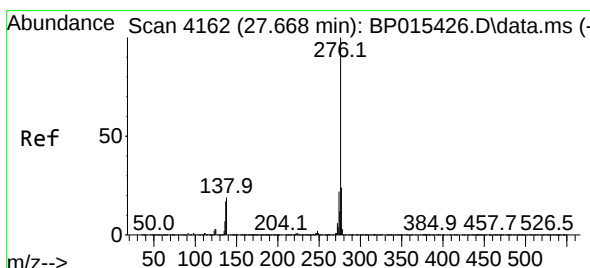
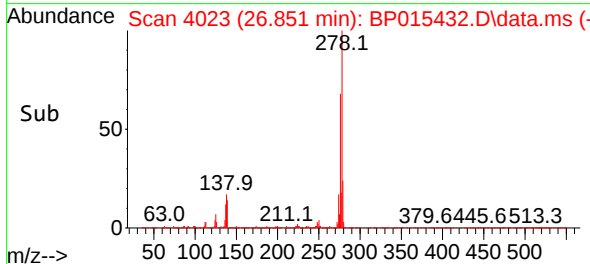
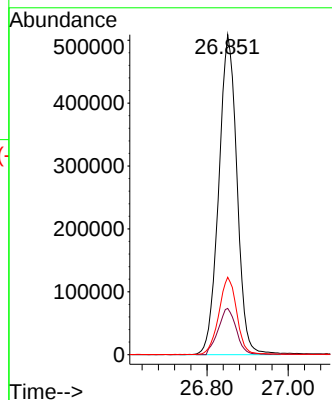
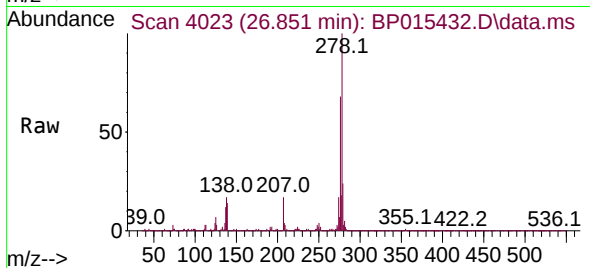
Tgt Ion:278 Resp: 1587566

Ion Ratio Lower Upper

278 100

139 14.5 11.4 17.0

279 24.2 18.7 28.1



#96

Benzo(g,h,i)perylene

Concen: 6.288 ng/ul

RT: 27.668 min Scan# 4162

Delta R.T. -0.018 min

Lab File: BP015432.D

Acq: 08 Jun 2023 12:41

Tgt Ion:276 Resp: 388338

Ion Ratio Lower Upper

276 100

138 19.1 15.6 23.4

277 22.7 19.0 28.6

