

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021723\
 Data File : BP013850.D
 Acq On : 17 Feb 2023 17:58
 Operator : CG/JU
 Sample : 01581-04MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-CMS

Quant Time: Feb 17 22:05:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 18:05:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	132003	20.000	ng	0.00
21) Naphthalene-d8	10.934	136	492648	20.000	ng	0.00
39) Acenaphthene-d10	14.745	164	311612	20.000	ng	0.00
64) Phenanthrene-d10	17.498	188	713351	20.000	ng	0.00
76) Chrysene-d12	21.580	240	825060	20.000	ng	0.00
86) Perylene-d12	24.133	264	929001	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.646	112	855061	106.758	ng	0.00
7) Phenol-d6	7.258	99	1103611	107.587	ng	0.00
23) Nitrobenzene-d5	9.281	82	665432	72.939	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	466337	102.807	ng	0.00
45) 2-Fluorobiphenyl	13.369	172	1585624	66.835	ng	0.00
79) Terphenyl-d14	20.033	244	2941781	68.601	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.493	88	148325	42.607	ng	100
3) Pyridine	3.911	79	406752	43.342	ng	97
4) n-Nitrosodimethylamine	3.817	42	172258	48.979	ng	97
6) Aniline	7.428	93	486761	36.521	ng	99
8) 2-Chlorophenol	7.669	128	410556	48.596	ng	99
9) Benzaldehyde	7.240	77	232713	47.685	ng	97
10) Phenol	7.287	94	530562	49.691	ng	96
11) bis(2-Chloroethyl)ether	7.522	93	399290	46.728	ng	97
12) 1,3-Dichlorobenzene	7.999	146	469852	49.461	ng	99
13) 1,4-Dichlorobenzene	8.146	146	479236	49.943	ng	97
14) 1,2-Dichlorobenzene	8.463	146	452330	50.498	ng	99
15) Benzyl Alcohol	8.346	79	373038	51.833	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.640	45	442529	48.483	ng	98
17) 2-Methylphenol	8.552	107	346545	47.695	ng	97
18) Hexachloroethane	9.199	117	170341	50.678	ng	99
19) n-Nitroso-di-n-propyla...	8.922	70	306600	51.069	ng	98
20) 3+4-Methylphenols	8.875	107	478590	48.940	ng	99
22) Acetophenone	8.940	105	633357	50.970	ng	99
24) Nitrobenzene	9.322	77	450093	47.276	ng	100
25) Isophorone	9.852	82	822365	46.776	ng	99
26) 2-Nitrophenol	10.040	139	208904	46.648	ng	99
27) 2,4-Dimethylphenol	10.093	122	375107	51.018	ng	99
28) bis(2-Chloroethoxy)met...	10.334	93	526849	46.944	ng	100
29) 2,4-Dichlorophenol	10.575	162	401123	50.849	ng	99
30) 1,2,4-Trichlorobenzene	10.793	180	451790	48.807	ng	99
31) Naphthalene	10.987	128	1237278	45.808	ng	99
32) Benzoic acid	10.216	122	250438	43.705	ng	99
33) 4-Chloroaniline	11.093	127	252430	22.257	ng	98
34) Hexachlorobutadiene	11.269	225	296272	48.163	ng	98
35) Caprolactam	11.881	113	121654	48.303	ng	98
36) 4-Chloro-3-methylphenol	12.204	107	425876	48.450	ng	99
37) 2-Methylnaphthalene	12.581	142	889770	45.508	ng	99
38) 1-Methylnaphthalene	12.798	142	832893	45.516	ng	100
40) 1,2,4,5-Tetrachloroben...	12.946	216	542185	48.246	ng	99
41) Hexachlorocyclopentadiene	12.922	237	684942	114.743	ng	99
43) 2,4,6-Trichlorophenol	13.181	196	339905	48.350	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021723\
 Data File : BP013850.D
 Acq On : 17 Feb 2023 17:58
 Operator : CG/JU
 Sample : 01581-04MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

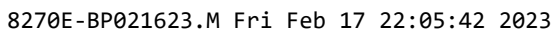
Instrument :
 BNA_P
 ClientSampleId :
 MH-CMS

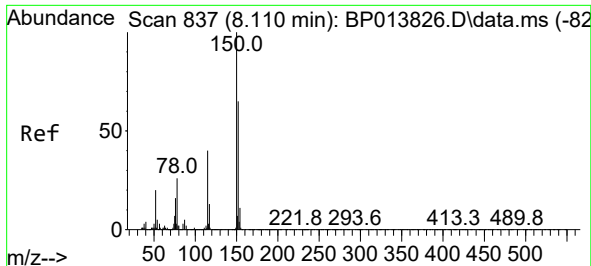
Quant Time: Feb 17 22:05:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 18:05:40 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.251	196	361423	43.256	ng	98
46) 1,1'-Biphenyl	13.581	154	1194066	47.410	ng	99
47) 2-Chloronaphthalene	13.628	162	939098	48.941	ng	99
48) 2-Nitroaniline	13.828	65	248411	45.743	ng	97
49) Acenaphthylene	14.469	152	1350048	44.634	ng	100
50) Dimethylphthalate	14.198	163	1103404	43.515	ng	100
51) 2,6-Dinitrotoluene	14.316	165	232824	42.247	ng	99
52) Acenaphthene	14.810	154	852898	46.338	ng	99
53) 3-Nitroaniline	14.645	138	151517	27.174	ng	99
54) 2,4-Dinitrophenol	14.851	184	289969	79.586	ng	98
55) Dibenzofuran	15.145	168	1295782	42.311	ng	100
56) 4-Nitrophenol	14.945	139	474431	104.672	ng	97
57) 2,4-Dinitrotoluene	15.104	165	323382	43.568	ng	98
58) Fluorene	15.792	166	1014131	42.232	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.369	232	318773	44.317	ng	99
60) Diethylphthalate	15.557	149	1177427	47.619	ng	100
61) 4-Chlorophenyl-phenyle...	15.781	204	541285	41.602	ng	100
62) 4-Nitroaniline	15.810	138	230822	39.378	ng	92
63) Azobenzene	16.075	77	994960	44.476	ng	99
65) 4,6-Dinitro-2-methylph...	15.863	198	188736	38.525	ng	97
66) n-Nitrosodiphenylamine	15.998	169	900209	41.662	ng	99
67) 4-Bromophenyl-phenylether	16.681	248	352161	41.825	ng	99
68) Hexachlorobenzene	16.798	284	407287	44.314	ng	98
69) Atrazine	16.945	200	382260	51.889	ng	99
70) Pentachlorophenol	17.145	266	607351	89.630	ng	99
71) Phenanthrene	17.545	178	1821335	45.575	ng	99
72) Anthracene	17.634	178	1854613	46.413	ng	99
73) Carbazole	17.898	167	1819921	50.590	ng	99
74) Di-n-butylphthalate	18.428	149	2197622	52.140	ng	99
75) Fluoranthene	19.492	202	2502678	50.236	ng	100
77) Benzidine	19.669	184	1567315	90.817	ng	100
78) Pyrene	19.845	202	2622371	46.511	ng	100
80) Butylbenzylphthalate	20.698	149	990859	49.446	ng	99
81) Benzo(a)anthracene	21.563	228	2755471	46.638	ng	99
82) 3,3'-Dichlorobenzidine	21.486	252	582492	31.337	ng	98
83) Chrysene	21.616	228	2565836	44.829	ng	100
84) Bis(2-ethylhexyl)phtha...	21.457	149	1545394	49.464	ng	99
85) Di-n-octyl phthalate	22.433	149	2700085	48.500	ng	100
87) Indeno(1,2,3-cd)pyrene	26.833	276	3457032	47.836	ng	99
88) Benzo(b)fluoranthene	23.351	252	2916816	49.644	ng	99
89) Benzo(k)fluoranthene	23.398	252	2855538	47.879	ng	99
90) Benzo(a)pyrene	24.021	252	2557467	45.024	ng	100
91) Dibenzo(a,h)anthracene	26.851	278	2864952	47.316	ng	99
92) Benzo(g,h,i)perylene	27.668	276	2852936	47.650	ng	99

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

Quant Time: Feb 17 22:05:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 18:05:40 2023
Response via : Initial Calibration

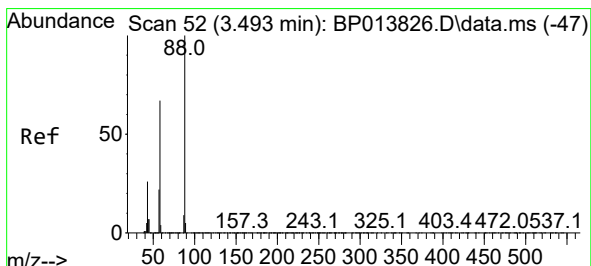
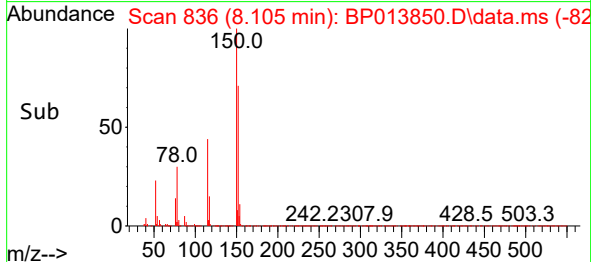
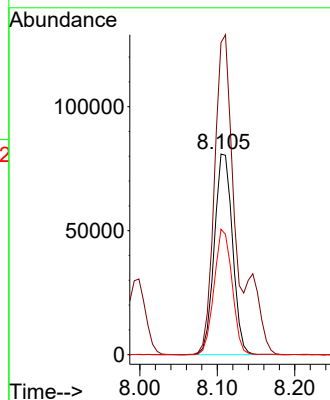
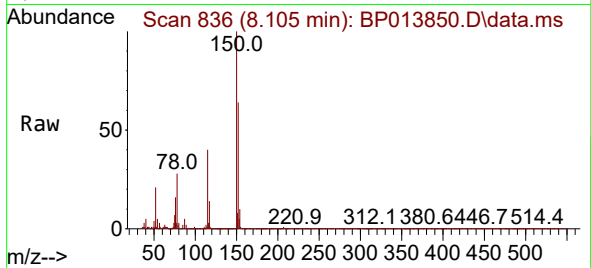




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.105 min Scan# 81
 Delta R.T. -0.005 min
 Lab File: BP013850.D
 Acq: 17 Feb 2023 17:58

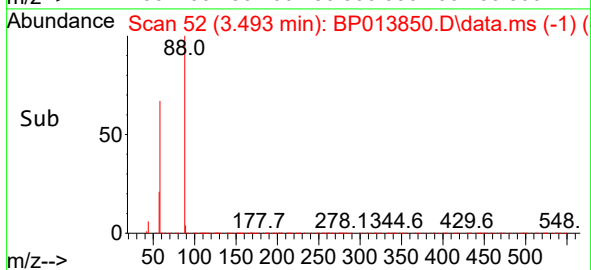
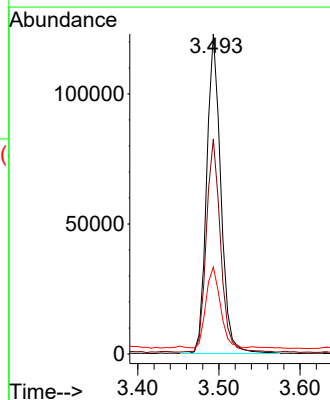
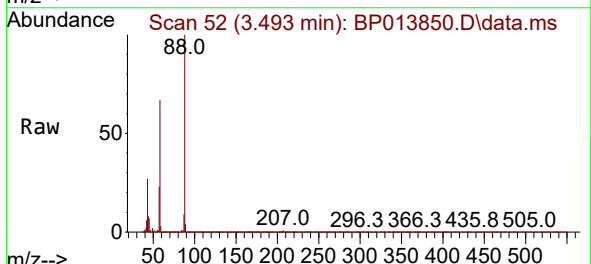
Instrument :
 BNA_P
 ClientSampleId :
 MH-CMS

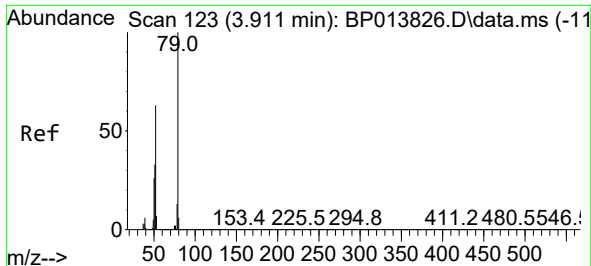
Tgt Ion:152 Resp: 132003
 Ion Ratio Lower Upper
 152 100
 150 155.5 122.8 184.2
 115 62.5 49.0 73.6



#2
 1,4-Dioxane
 Concen: 42.607 ng
 RT: 3.493 min Scan# 52
 Delta R.T. 0.000 min
 Lab File: BP013850.D
 Acq: 17 Feb 2023 17:58

Tgt Ion: 88 Resp: 148325
 Ion Ratio Lower Upper
 88 100
 58 66.7 53.5 80.3
 43 25.7 20.6 30.8

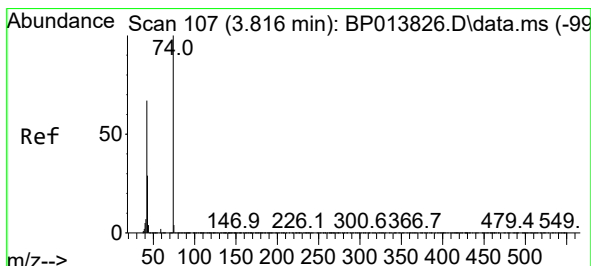
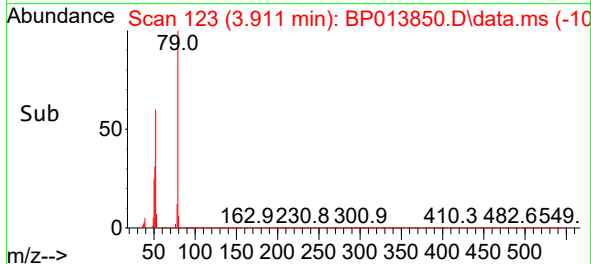
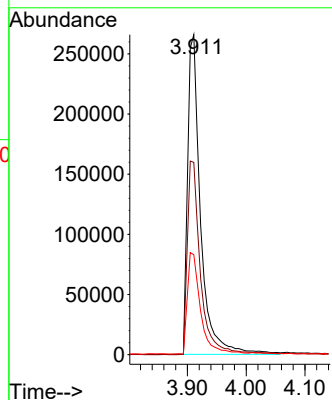
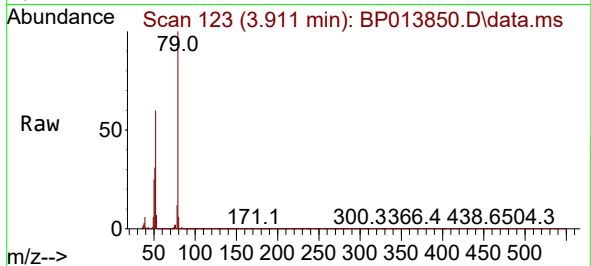




#3
Pyridine
Concen: 43.342 ng
RT: 3.911 min Scan# 123
Delta R.T. 0.000 min
Lab File: BP013850.D
Acq: 17 Feb 2023 17:58

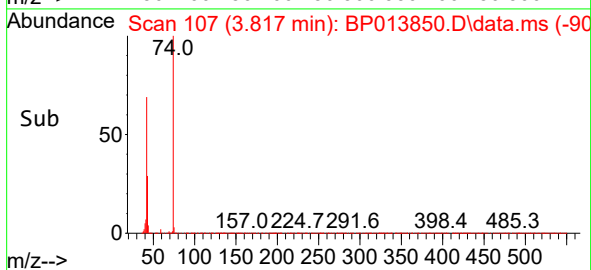
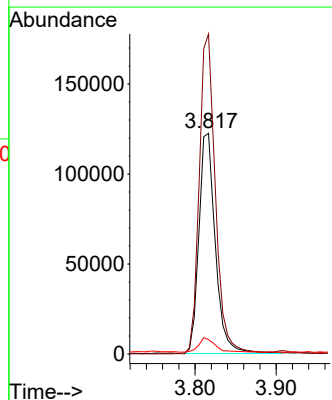
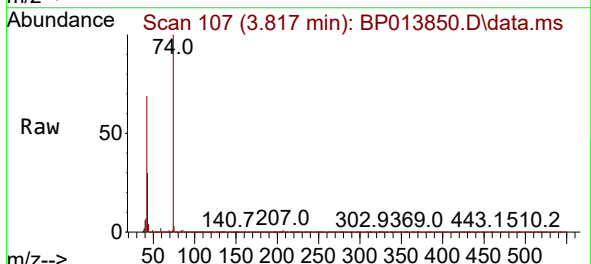
Instrument :
BNA_P
ClientSampleId :
MH-CMS

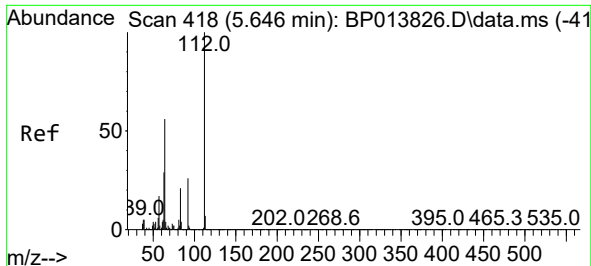
Tgt Ion: 79 Resp: 406752
Ion Ratio Lower Upper
79 100
52 60.1 50.0 75.0
51 31.3 26.7 40.1



#4
n-Nitrosodimethylamine
Concen: 48.979 ng
RT: 3.817 min Scan# 107
Delta R.T. 0.000 min
Lab File: BP013850.D
Acq: 17 Feb 2023 17:58

Tgt Ion: 42 Resp: 172258
Ion Ratio Lower Upper
42 100
74 145.0 119.3 178.9
44 6.5 6.0 9.0

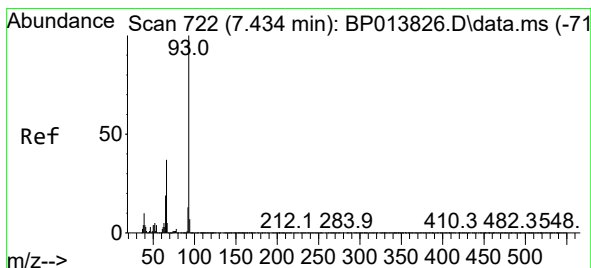
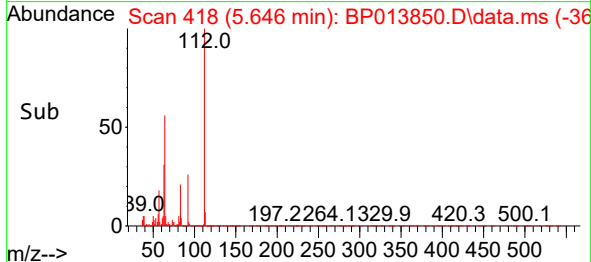
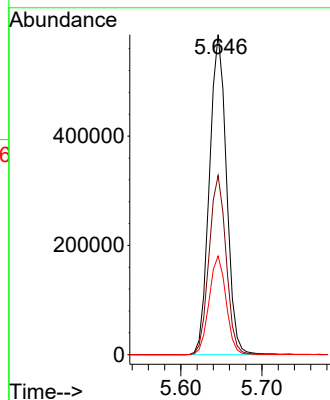
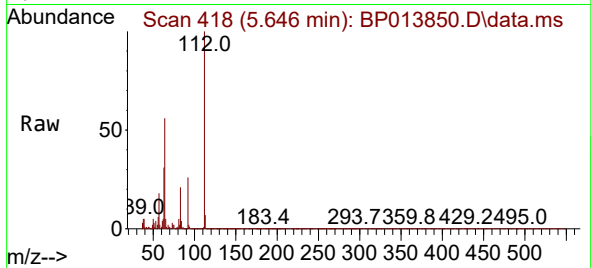




#5
2-Fluorophenol
Concen: 106.758 ng
RT: 5.646 min Scan# 418
Delta R.T. 0.000 min
Lab File: BP013850.D
Acq: 17 Feb 2023 17:58

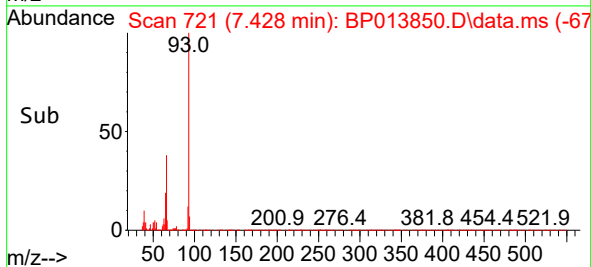
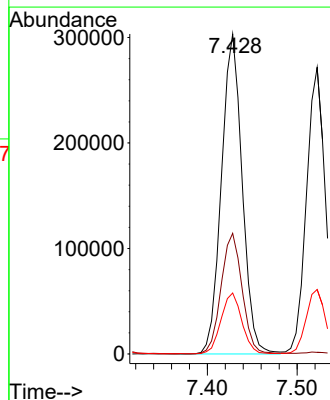
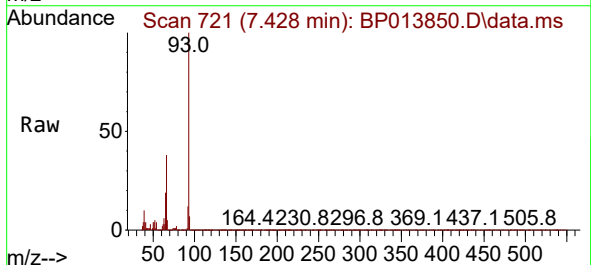
Instrument :
BNA_P
ClientSampleId :
MH-CMS

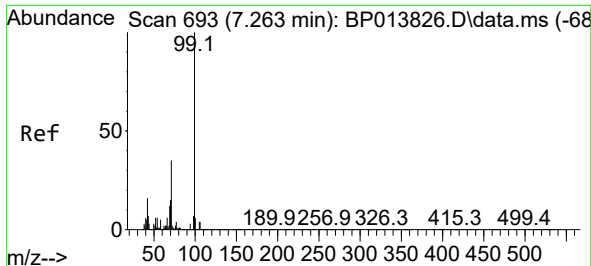
Tgt Ion:112 Resp: 855061
Ion Ratio Lower Upper
112 100
64 56.0 44.6 66.8
63 30.9 23.6 35.4



#6
Aniline
Concen: 36.521 ng
RT: 7.428 min Scan# 721
Delta R.T. -0.006 min
Lab File: BP013850.D
Acq: 17 Feb 2023 17:58

Tgt Ion: 93 Resp: 486761
Ion Ratio Lower Upper
93 100
66 37.7 29.6 44.4
65 19.0 15.4 23.0



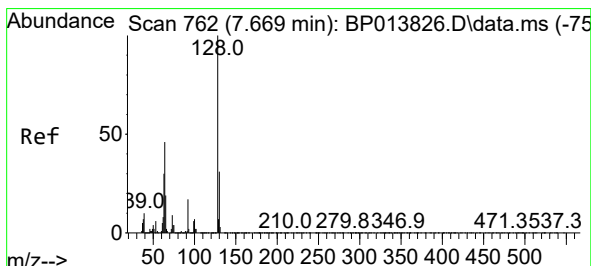
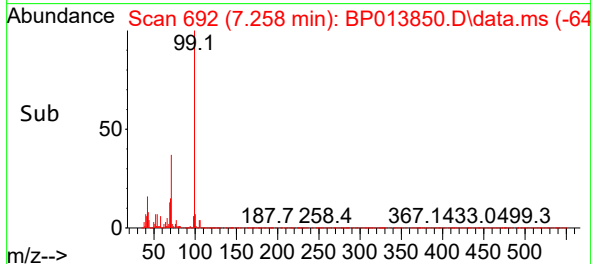
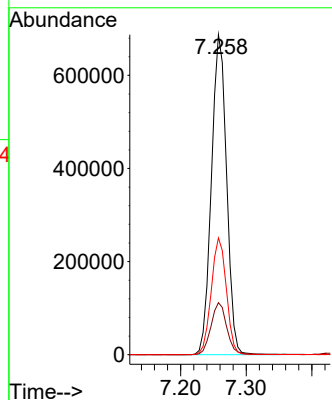
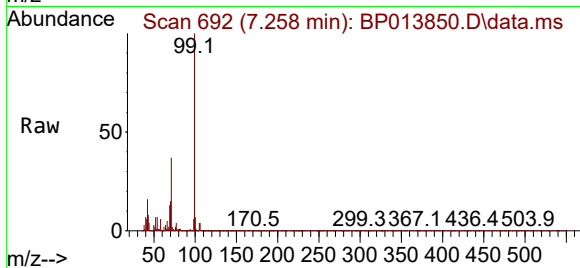


#7
Phenol-d6
Concen: 107.587 ng
RT: 7.258 min Scan# 693
Delta R.T. -0.006 min
Lab File: BP013850.D
Acq: 17 Feb 2023 17:58

Instrument :
BNA_P
ClientSampleId :
MH-CMS

Tgt Ion: 99 Resp: 1103611

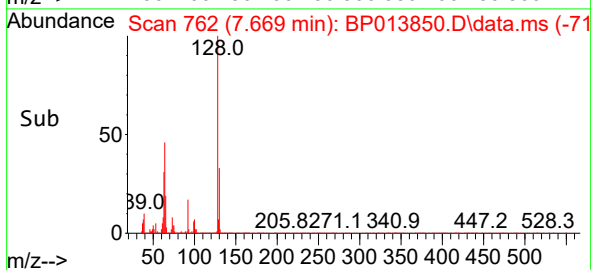
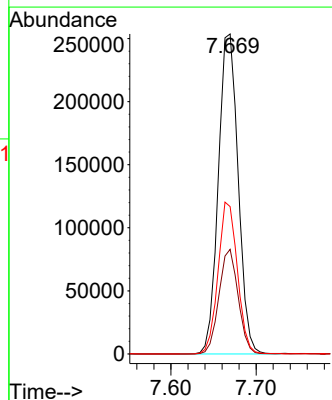
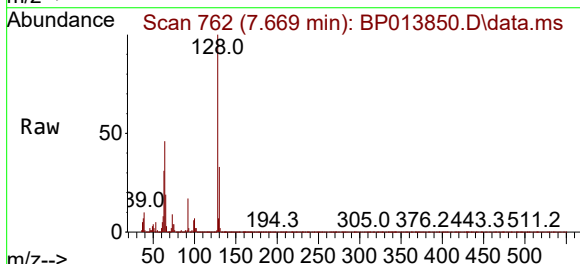
Ion	Ratio	Lower	Upper
99	100		
42	16.2	12.5	18.7
71	36.5	27.8	41.8

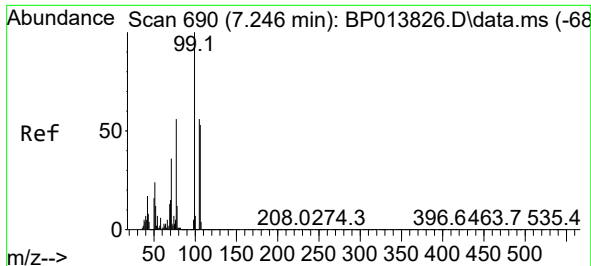


#8
2-Chlorophenol
Concen: 48.596 ng
RT: 7.669 min Scan# 762
Delta R.T. 0.000 min
Lab File: BP013850.D
Acq: 17 Feb 2023 17:58

Tgt Ion: 128 Resp: 410556

Ion	Ratio	Lower	Upper
128	100		
130	32.7	11.4	51.4
64	46.1	25.9	65.9

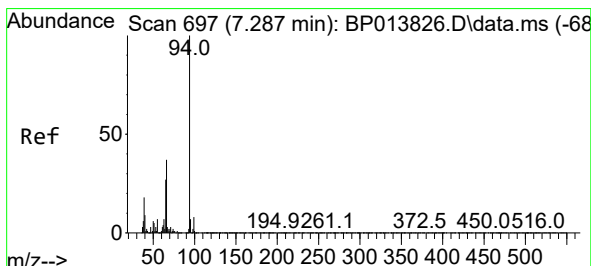
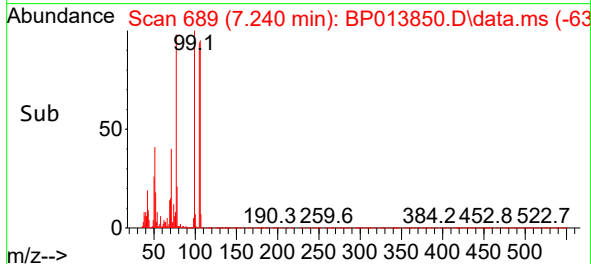
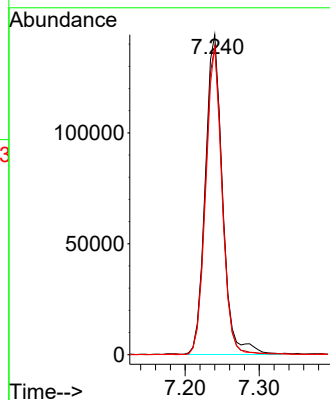
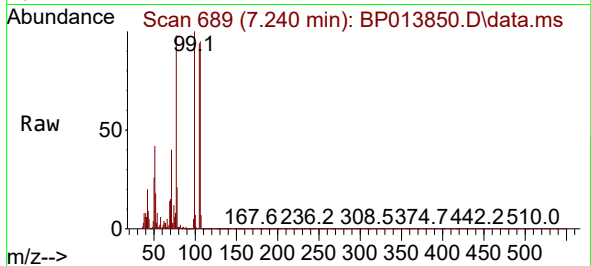




#9
Benzaldehyde
Concen: 47.685 ng
RT: 7.240 min Scan# 690
Delta R.T. -0.006 min
Lab File: BP013850.D
Acq: 17 Feb 2023 17:58

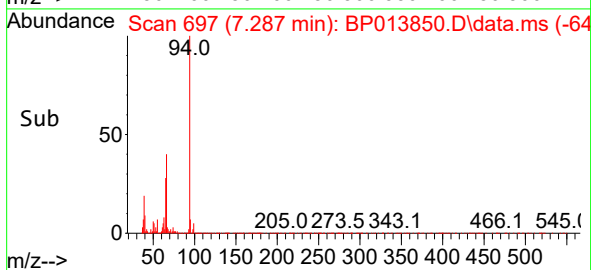
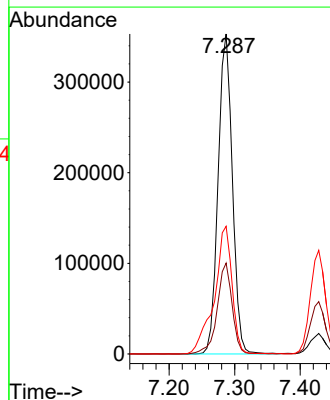
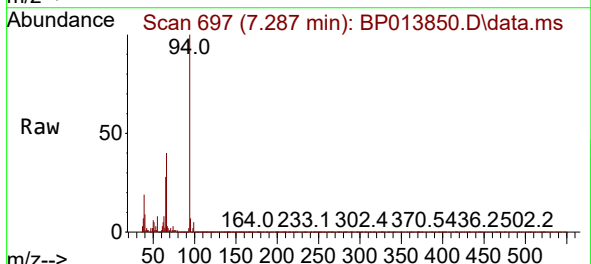
Instrument :
BNA_P
ClientSampleId :
MH-CMS

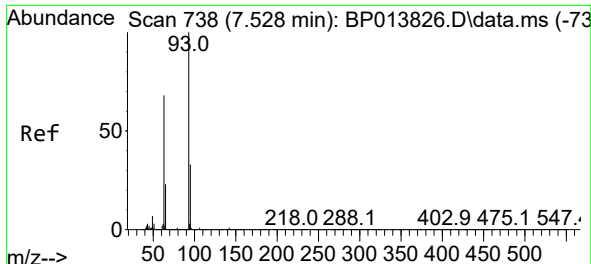
Tgt Ion: 77 Resp: 232713
Ion Ratio Lower Upper
77 100
105 96.4 80.2 120.2
106 96.6 74.8 114.8



#10
Phenol
Concen: 49.691 ng
RT: 7.287 min Scan# 697
Delta R.T. 0.000 min
Lab File: BP013850.D
Acq: 17 Feb 2023 17:58

Tgt Ion: 94 Resp: 530562
Ion Ratio Lower Upper
94 100
65 28.4 6.8 46.8
66 39.9 17.4 57.4

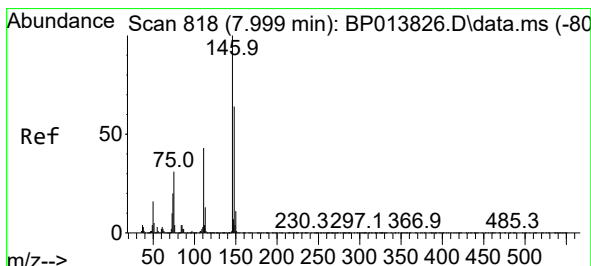
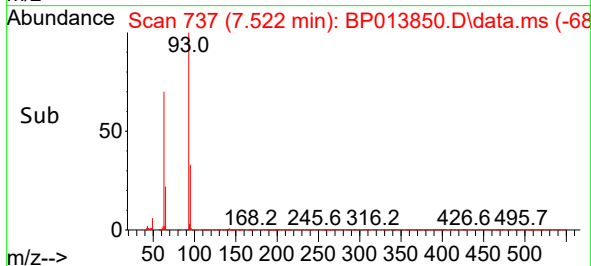
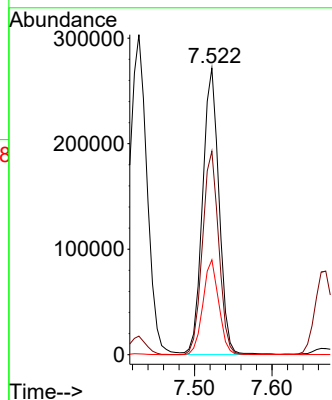
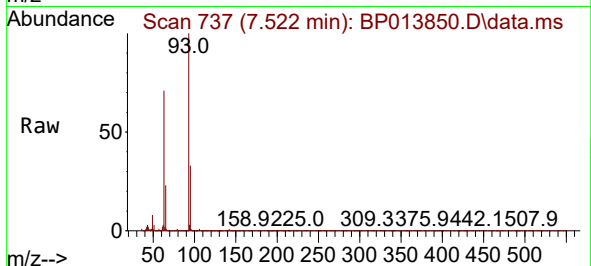




#11
bis(2-Chloroethyl)ether
Concen: 46.728 ng
RT: 7.522 min Scan# 711
Delta R.T. -0.006 min
Lab File: BP013850.D
Acq: 17 Feb 2023 17:58

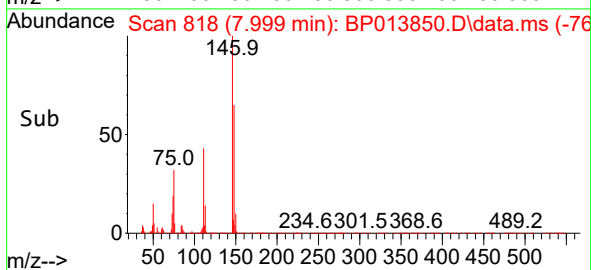
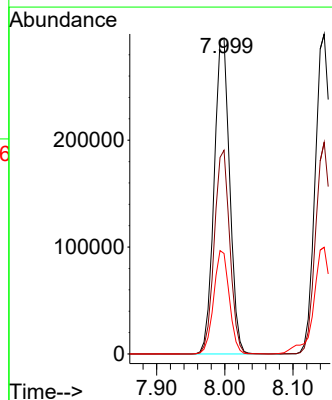
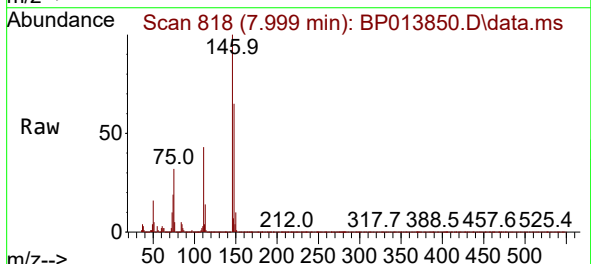
Instrument :
BNA_P
ClientSampleId :
MH-CMS

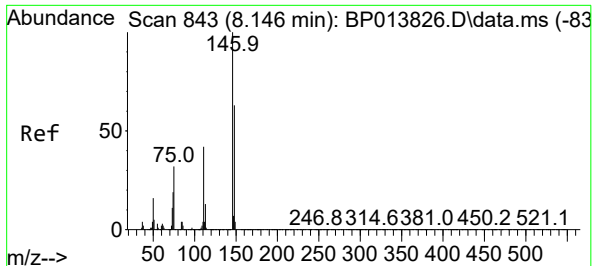
Tgt Ion: 93 Resp: 399290
Ion Ratio Lower Upper
93 100
63 71.0 48.1 88.1
95 33.1 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 49.461 ng
RT: 7.999 min Scan# 818
Delta R.T. 0.000 min
Lab File: BP013850.D
Acq: 17 Feb 2023 17:58

Tgt Ion:146 Resp: 469852
Ion Ratio Lower Upper
146 100
148 64.5 51.4 77.2
75 31.8 25.0 37.4





#13

1,4-Dichlorobenzene

Concen: 49.943 ng

RT: 8.146 min Scan# 84

Delta R.T. 0.000 min

Lab File: BP013850.D

Acq: 17 Feb 2023 17:58

Instrument :

BNA_P

ClientSampleId :

MH-CMS

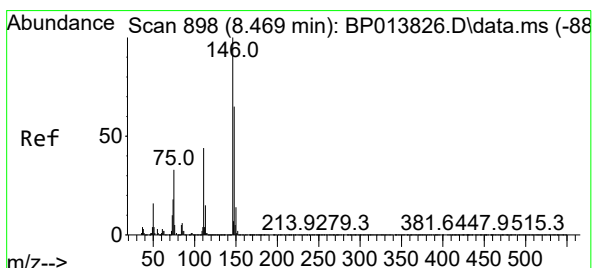
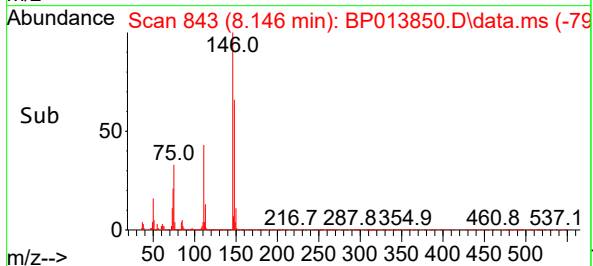
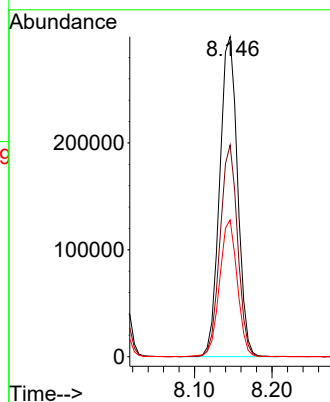
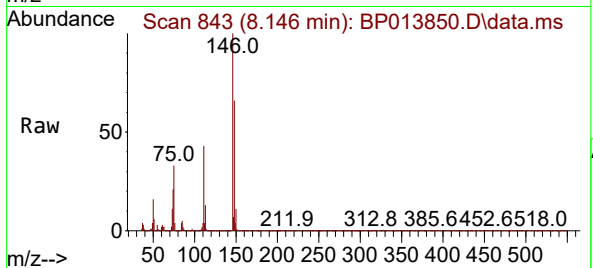
Tgt Ion:146 Resp: 479236

Ion Ratio Lower Upper

146 100

148 66.2 50.4 75.6

111 42.8 33.8 50.6



#14

1,2-Dichlorobenzene

Concen: 50.498 ng

RT: 8.463 min Scan# 897

Delta R.T. -0.006 min

Lab File: BP013850.D

Acq: 17 Feb 2023 17:58

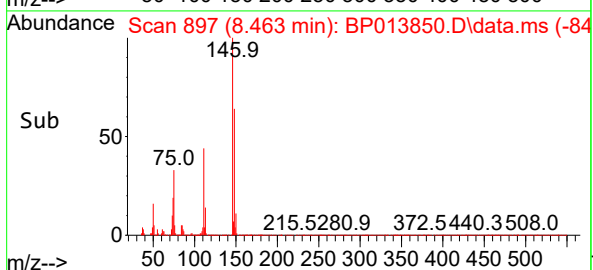
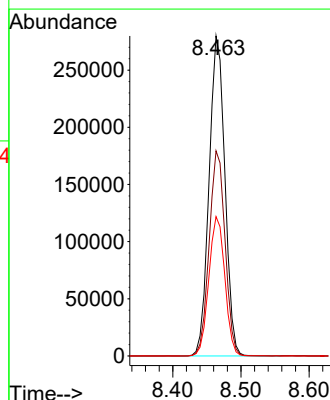
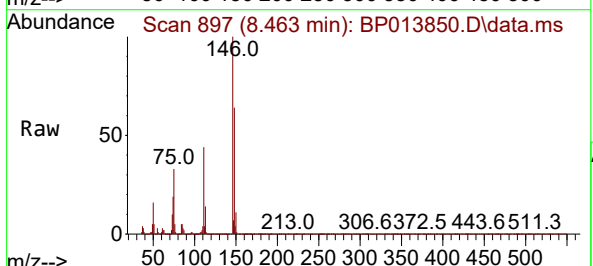
Tgt Ion:146 Resp: 452330

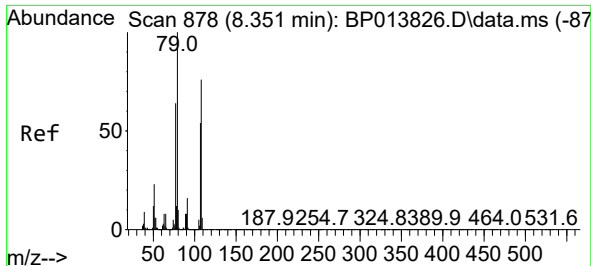
Ion Ratio Lower Upper

146 100

148 64.1 52.1 78.1

111 43.5 34.9 52.3

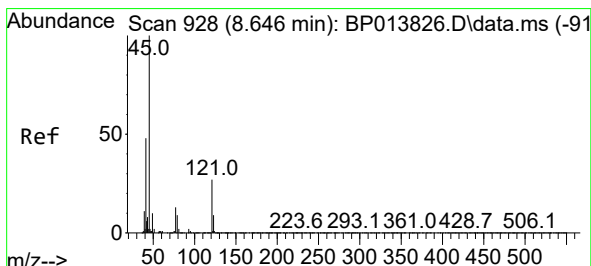
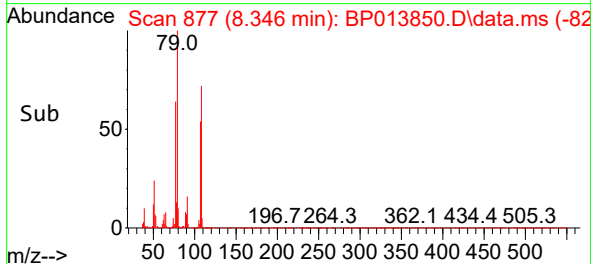
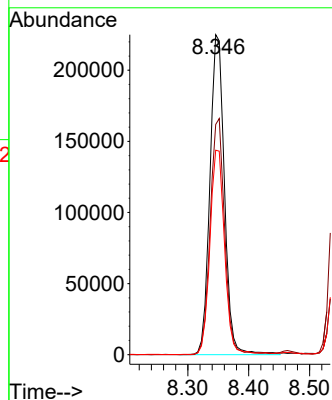
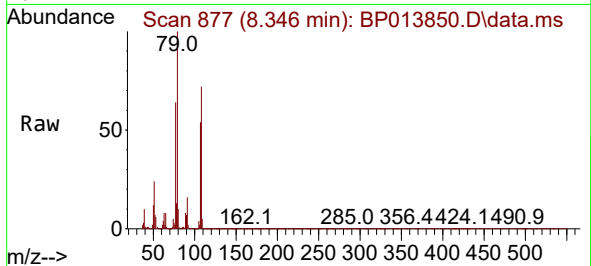




#15
Benzyl Alcohol
Concen: 51.833 ng
RT: 8.346 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP013850.D
Acq: 17 Feb 2023 17:58

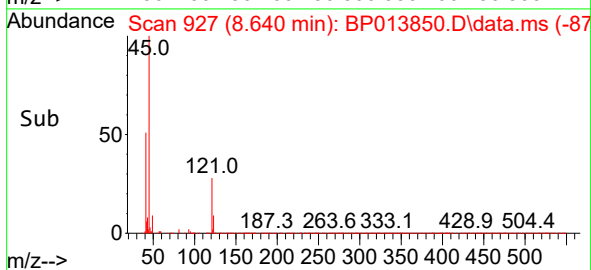
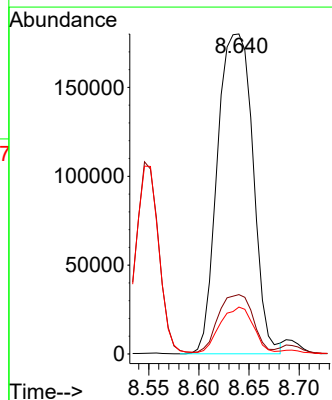
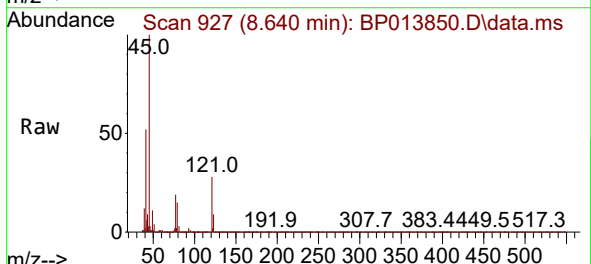
Instrument :
BNA_P
ClientSampleId :
MH-CMS

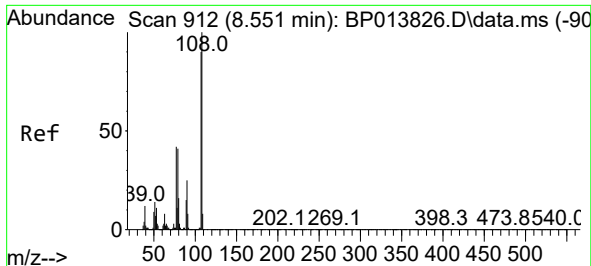
Tgt Ion: 79 Resp: 373038
Ion Ratio Lower Upper
79 100
108 72.0 60.7 91.1
77 63.9 51.4 77.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.483 ng
RT: 8.640 min Scan# 927
Delta R.T. -0.006 min
Lab File: BP013850.D
Acq: 17 Feb 2023 17:58

Tgt Ion: 45 Resp: 442529
Ion Ratio Lower Upper
45 100
77 18.6 0.0 37.5
79 14.7 0.0 33.8

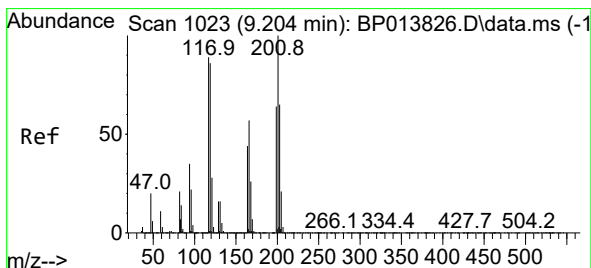
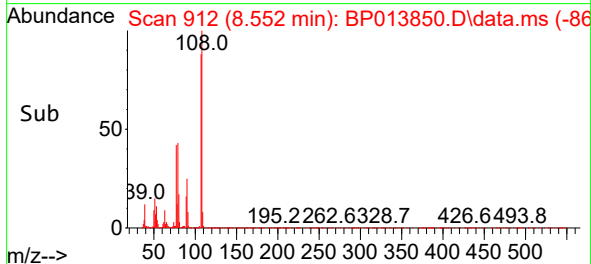
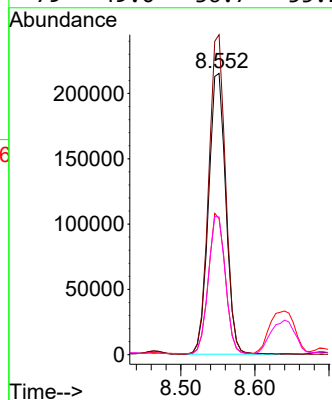
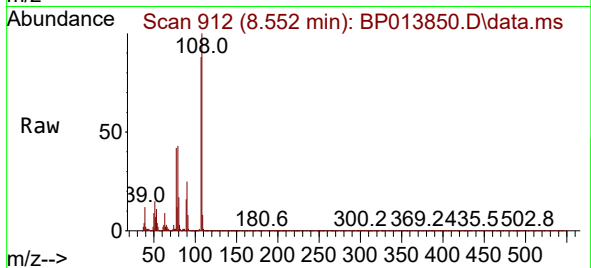




#17
2-Methylphenol
Concen: 47.695 ng
RT: 8.552 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP013850.D
Acq: 17 Feb 2023 17:58

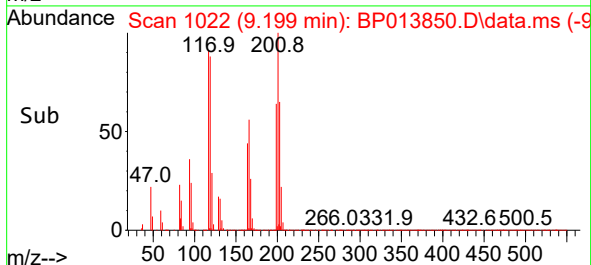
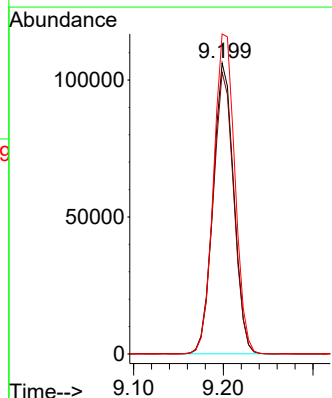
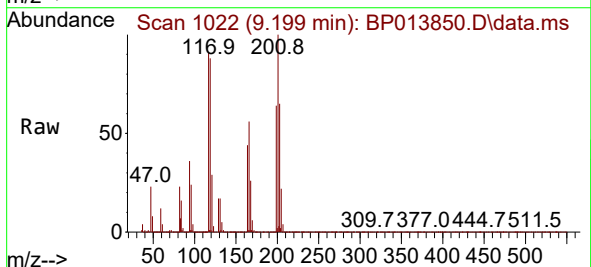
Instrument :
BNA_P
ClientSampleId :
MH-CMS

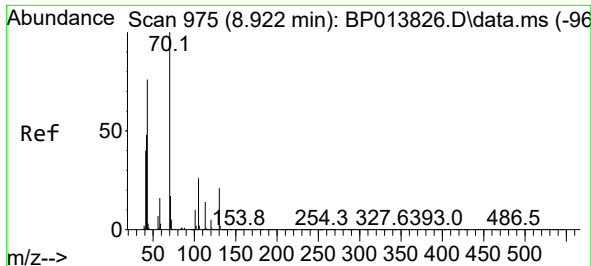
Tgt Ion:	107	Resp:	346545
Ion	Ratio	Lower	Upper
107	100		
108	113.8	88.9	133.3
77	48.3	37.1	55.7
79	49.0	36.7	55.1



#18
Hexachloroethane
Concen: 50.678 ng
RT: 9.199 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BP013850.D
Acq: 17 Feb 2023 17:58

Tgt Ion:	117	Resp:	170341
Ion	Ratio	Lower	Upper
117	100		
119	96.8	77.2	115.8
201	109.9	89.4	134.2

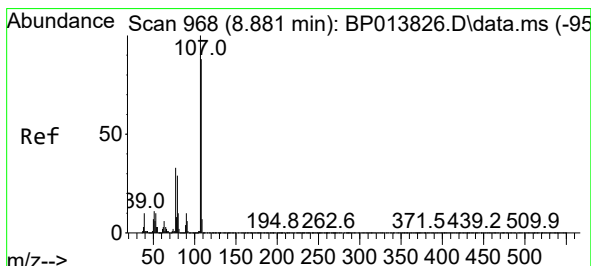
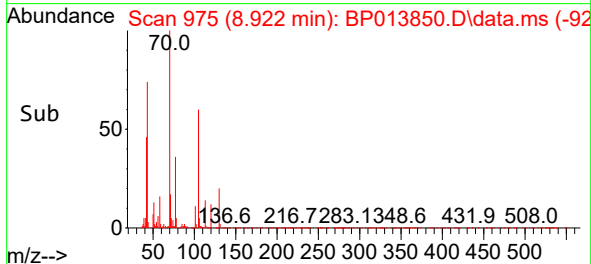
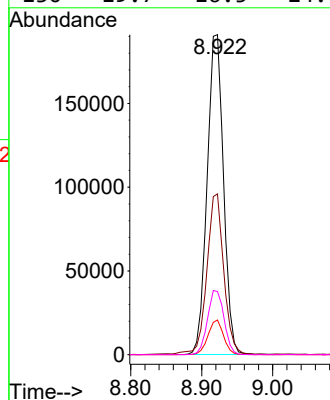
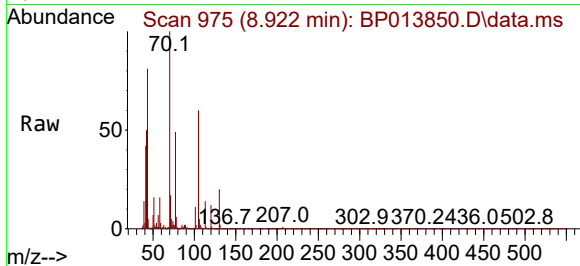




#19
n-Nitroso-di-n-propylamine
Concen: 51.069 ng
RT: 8.922 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP013850.D
Acq: 17 Feb 2023 17:58

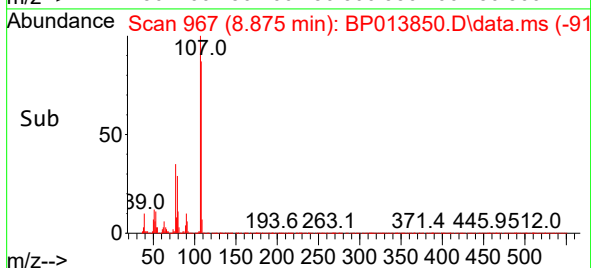
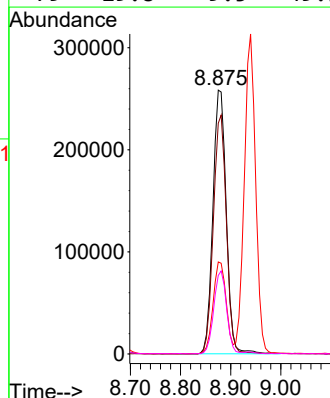
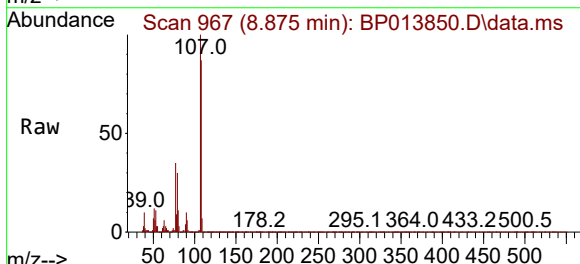
Instrument :
BNA_P
ClientSampleId :
MH-CMS

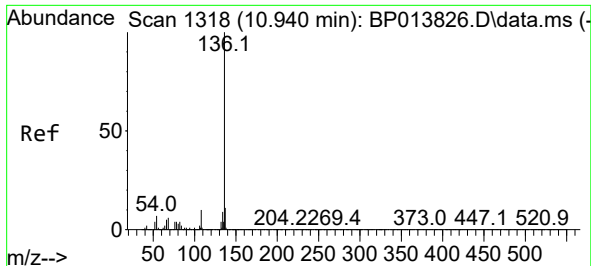
Tgt Ion:	70	Resp:	306600
Ion	Ratio	Lower	Upper
70	100		
42	50.2	39.0	58.4
101	10.9	8.0	12.0
130	19.7	16.5	24.7



#20
3+4-Methylphenols
Concen: 48.940 ng
RT: 8.875 min Scan# 967
Delta R.T. -0.006 min
Lab File: BP013850.D
Acq: 17 Feb 2023 17:58

Tgt Ion:	107	Resp:	478590
Ion	Ratio	Lower	Upper
107	100		
108	87.4	67.7	107.7
77	34.9	13.4	53.4
79	29.8	9.5	49.5

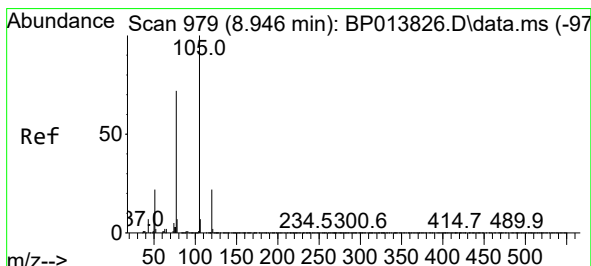
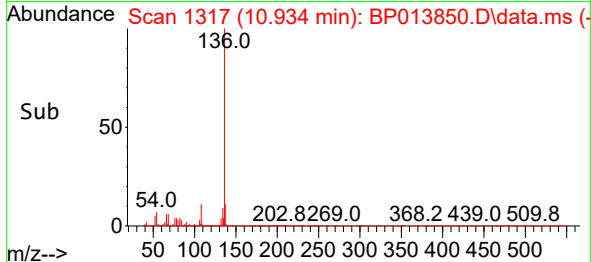
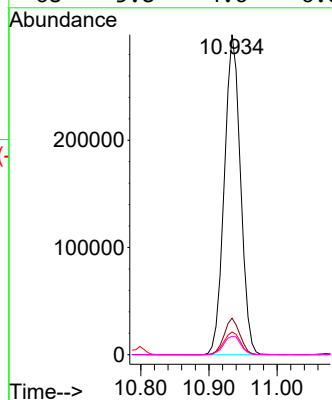
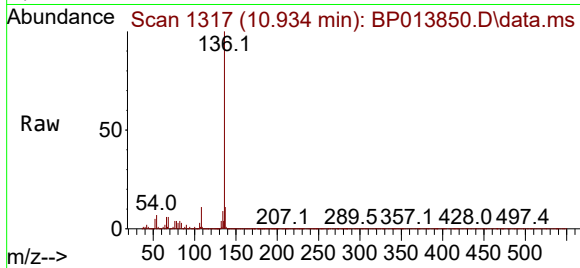




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.934 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP013850.D
Acq: 17 Feb 2023 17:58

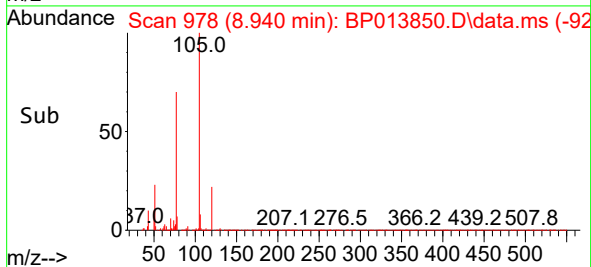
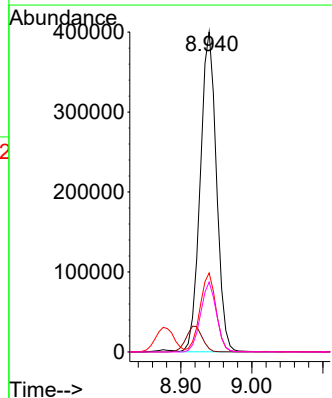
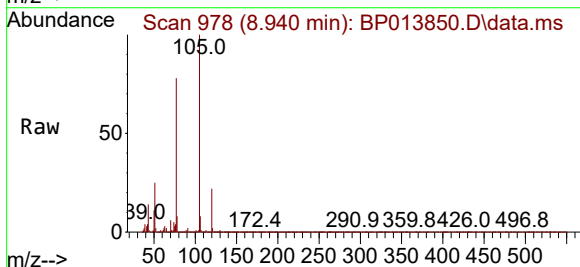
Instrument :
BNA_P
ClientSampleId :
MH-CMS

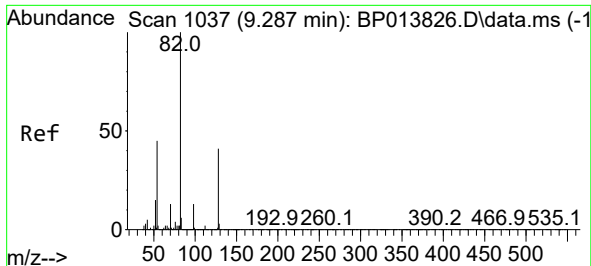
Tgt Ion:136 Resp: 492648
Ion Ratio Lower Upper
136 100
137 11.4 8.5 12.7
54 7.1 5.8 8.6
68 5.8 4.6 6.8



#22
Acetophenone
Concen: 50.970 ng
RT: 8.940 min Scan# 978
Delta R.T. -0.006 min
Lab File: BP013850.D
Acq: 17 Feb 2023 17:58

Tgt Ion:105 Resp: 633357
Ion Ratio Lower Upper
105 100
71 1.0 0.7 1.1
51 24.7 18.9 28.3
120 21.9 17.4 26.0

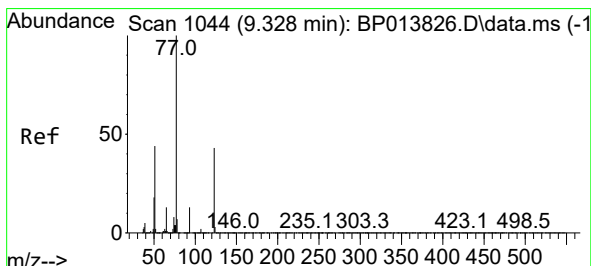
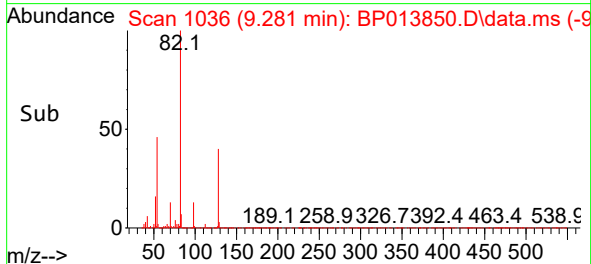
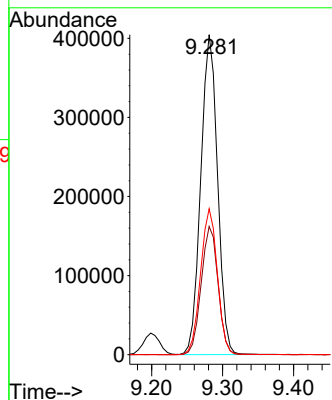
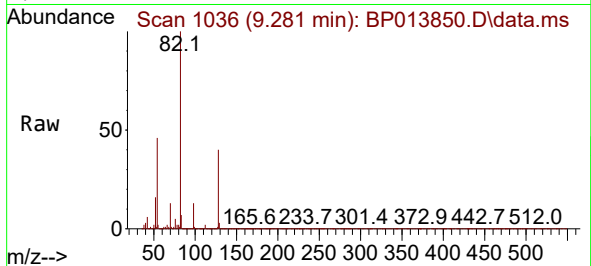




#23
Nitrobenzene-d5
Concen: 72.939 ng
RT: 9.281 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BP013850.D
Acq: 17 Feb 2023 17:58

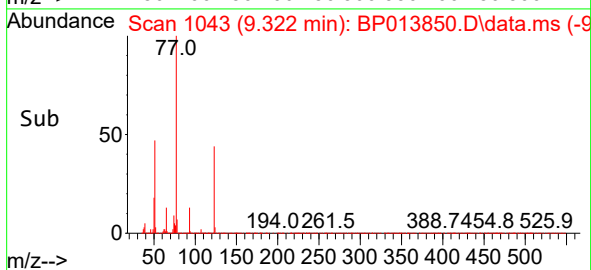
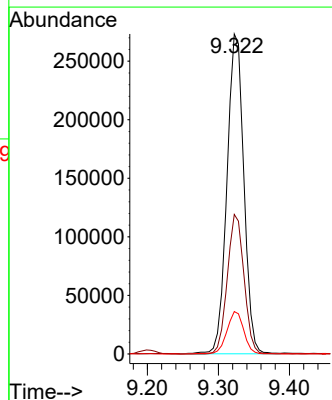
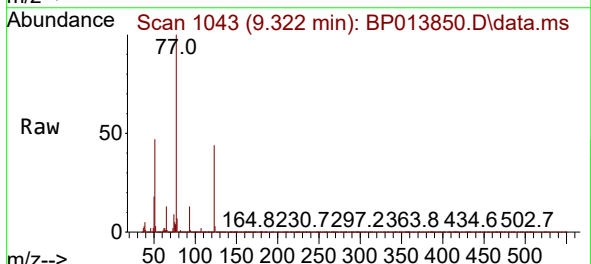
Instrument :
BNA_P
ClientSampleId :
MH-CMS

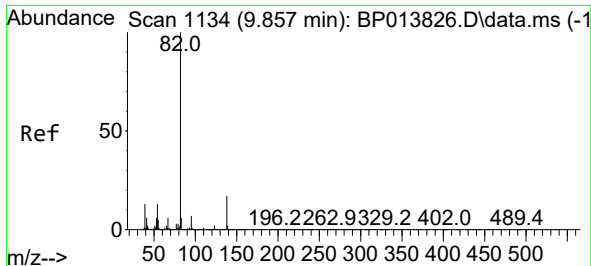
Tgt Ion: 82 Resp: 665432
Ion Ratio Lower Upper
82 100
128 40.1 32.9 49.3
54 45.6 35.6 53.4



#24
Nitrobenzene
Concen: 47.276 ng
RT: 9.322 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BP013850.D
Acq: 17 Feb 2023 17:58

Tgt Ion: 77 Resp: 450093
Ion Ratio Lower Upper
77 100
123 43.6 34.7 52.1
65 13.3 10.5 15.7

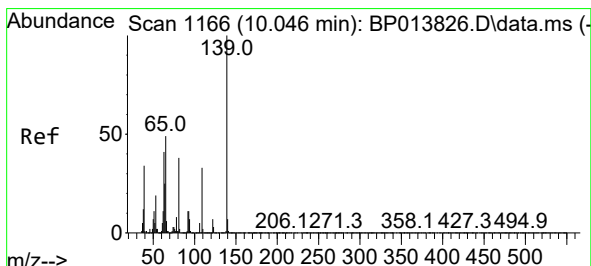
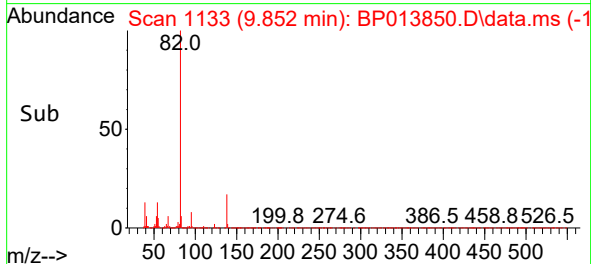
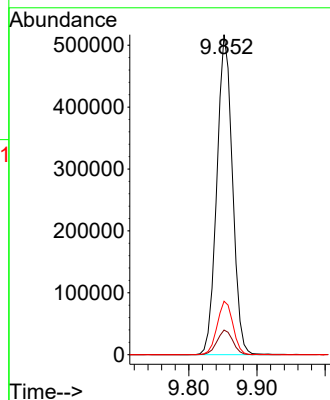
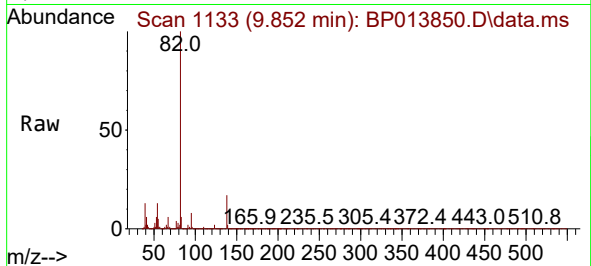




#25
Isophorone
Concen: 46.776 ng
RT: 9.852 min Scan# 1134
Delta R.T. -0.006 min
Lab File: BP013850.D
Acq: 17 Feb 2023 17:58

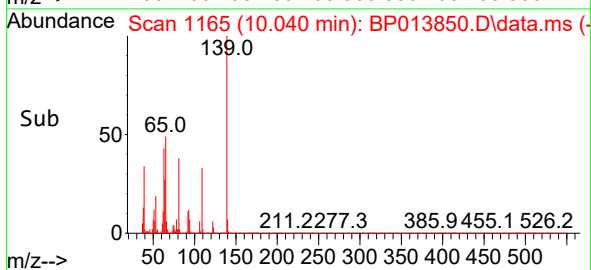
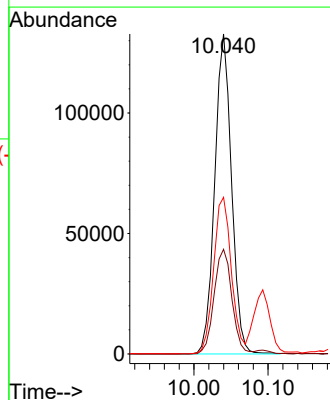
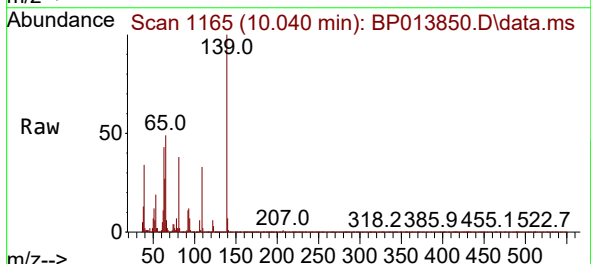
Instrument :
BNA_P
ClientSampleId :
MH-CMS

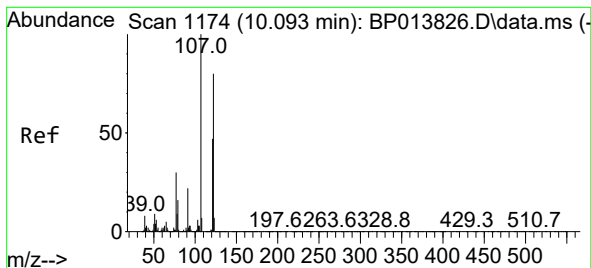
Tgt Ion: 82 Resp: 822365
Ion Ratio Lower Upper
82 100
95 7.7 5.8 8.8
138 16.7 13.7 20.5



#26
2-Nitrophenol
Concen: 46.648 ng
RT: 10.040 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BP013850.D
Acq: 17 Feb 2023 17:58

Tgt Ion: 139 Resp: 208904
Ion Ratio Lower Upper
139 100
109 32.7 26.7 40.1
65 48.9 39.4 59.2

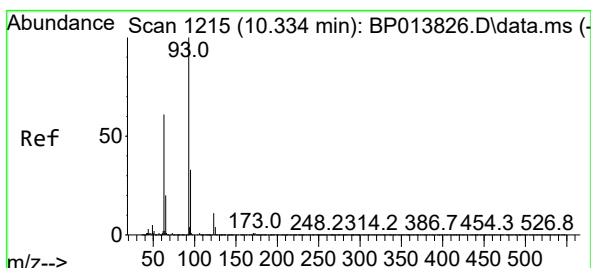
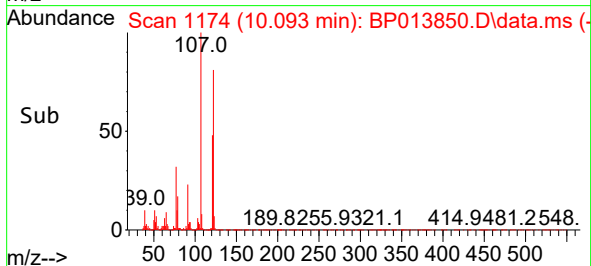
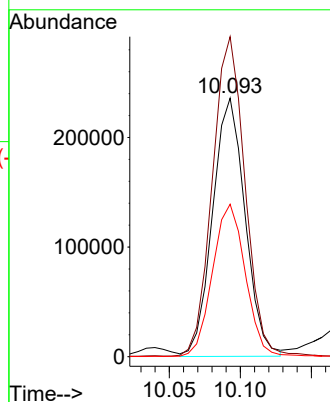
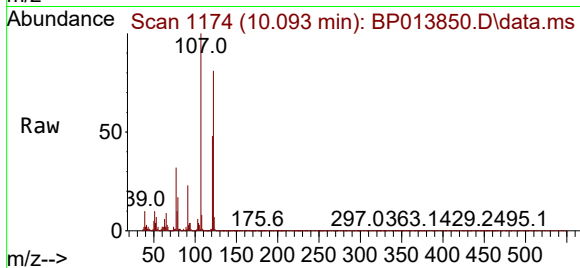




#27
2,4-Dimethylphenol
Concen: 51.018 ng
RT: 10.093 min Scan# 1174
Delta R.T. -0.000 min
Lab File: BP013850.D
Acq: 17 Feb 2023 17:58

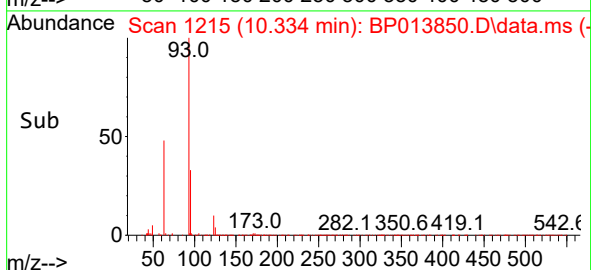
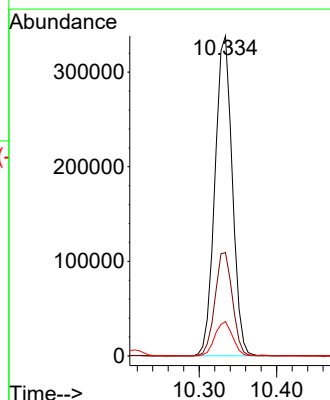
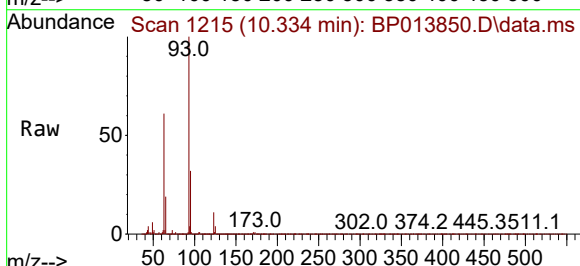
Instrument :
BNA_P
ClientSampleId :
MH-CMS

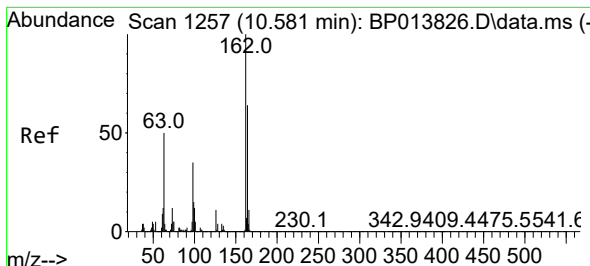
Tgt Ion:122 Resp: 375107
Ion Ratio Lower Upper
122 100
107 123.7 100.0 150.0
121 58.9 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 46.944 ng
RT: 10.334 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BP013850.D
Acq: 17 Feb 2023 17:58

Tgt Ion: 93 Resp: 526849
Ion Ratio Lower Upper
93 100
95 32.3 26.1 39.1
123 10.8 8.7 13.1

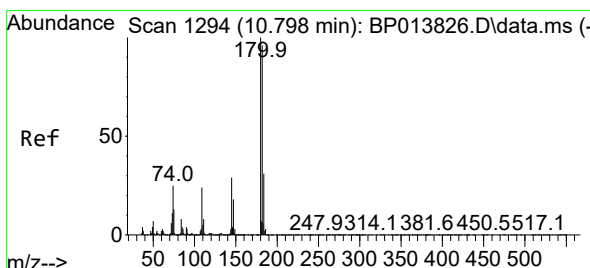
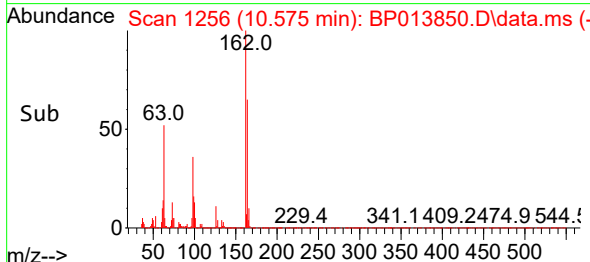
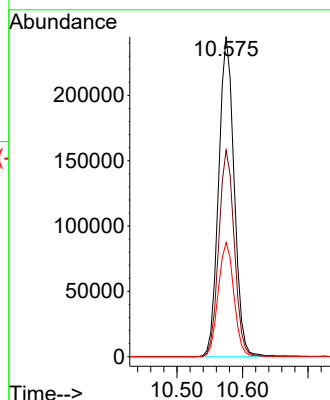
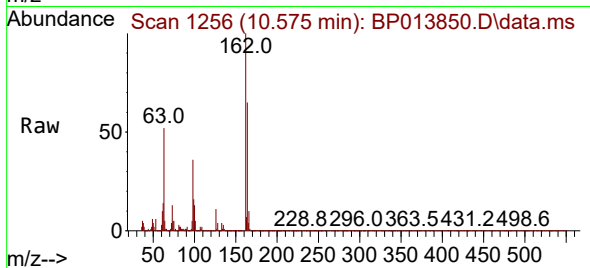




#29
2,4-Dichlorophenol
Concen: 50.849 ng
RT: 10.575 min Scan# 1256
Delta R.T. -0.006 min
Lab File: BP013850.D
Acq: 17 Feb 2023 17:58

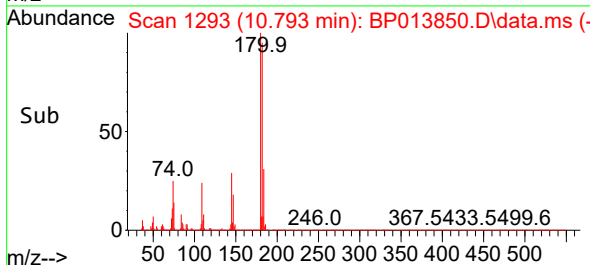
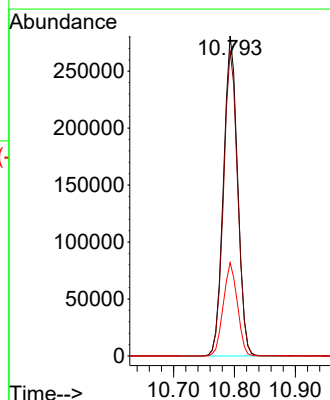
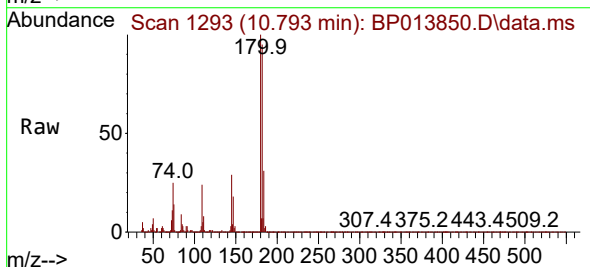
Instrument :
BNA_P
ClientSampleId :
MH-CMS

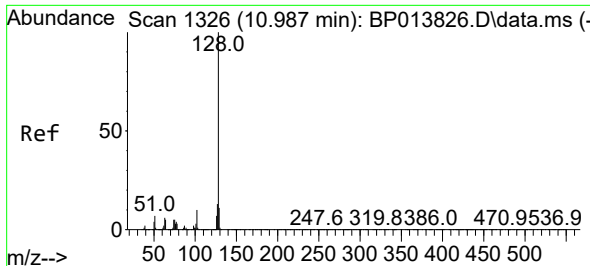
Tgt Ion:162 Resp: 401123
Ion Ratio Lower Upper
162 100
164 64.5 44.4 84.4
98 35.7 14.7 54.7



#30
1,2,4-Trichlorobenzene
Concen: 48.807 ng
RT: 10.793 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BP013850.D
Acq: 17 Feb 2023 17:58

Tgt Ion:180 Resp: 451790
Ion Ratio Lower Upper
180 100
182 95.4 76.8 115.2
145 29.1 22.9 34.3

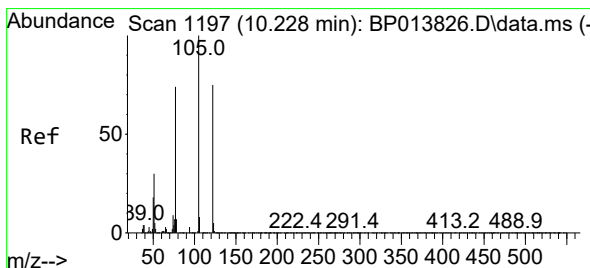
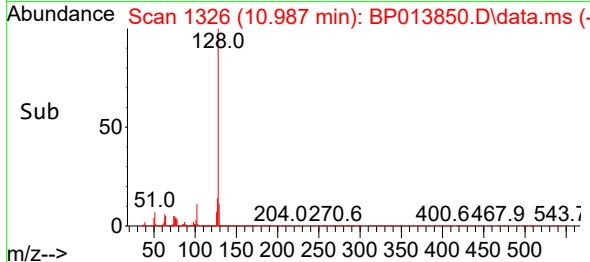
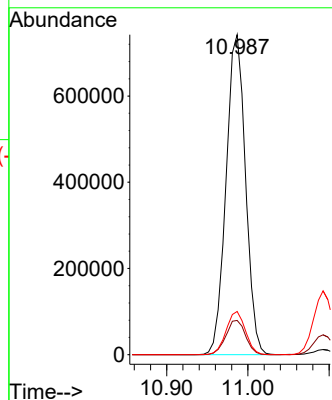
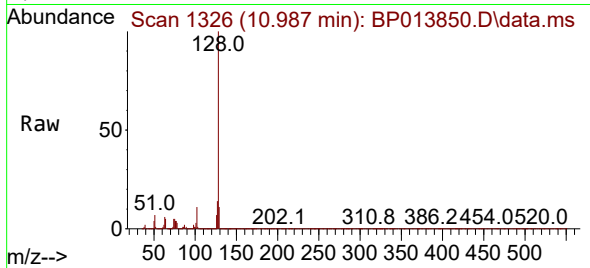




#31
Naphthalene
Concen: 45.808 ng
RT: 10.987 min Scan# 1119
Delta R.T. 0.000 min
Lab File: BP013850.D
Acq: 17 Feb 2023 17:58

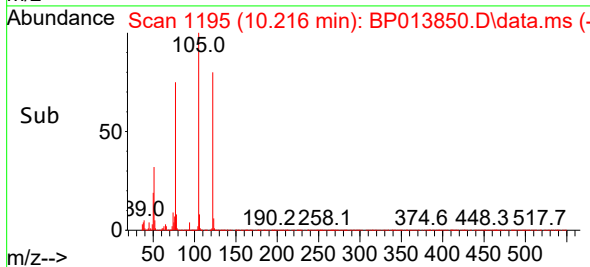
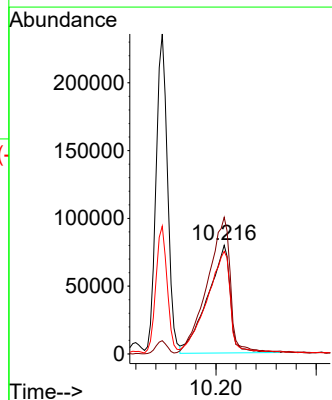
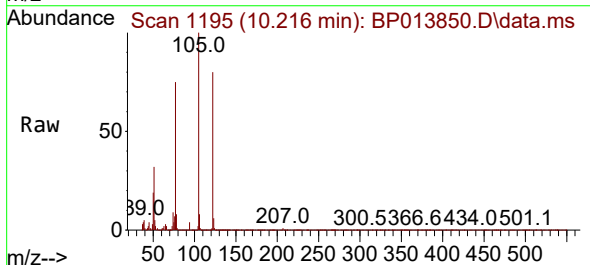
Instrument :
BNA_P
ClientSampleId :
MH-CMS

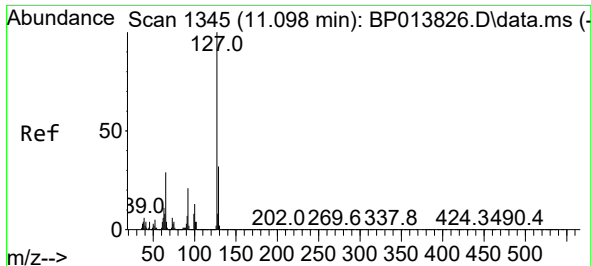
Tgt Ion:128 Resp: 1237278
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 13.5 10.4 15.6



#32
Benzoic acid
Concen: 43.705 ng
RT: 10.216 min Scan# 1195
Delta R.T. -0.012 min
Lab File: BP013850.D
Acq: 17 Feb 2023 17:58

Tgt Ion:122 Resp: 250438
Ion Ratio Lower Upper
122 100
105 125.8 107.4 147.4
77 94.5 76.0 116.0

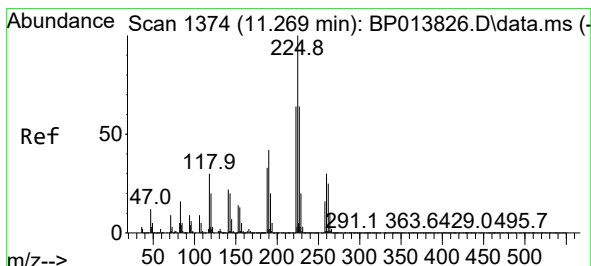
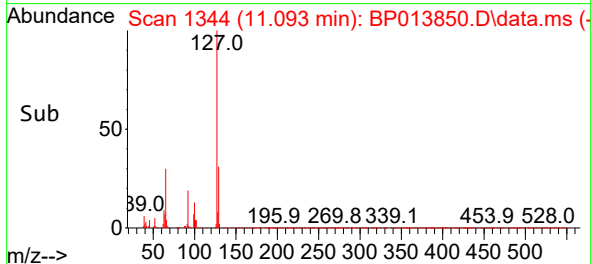
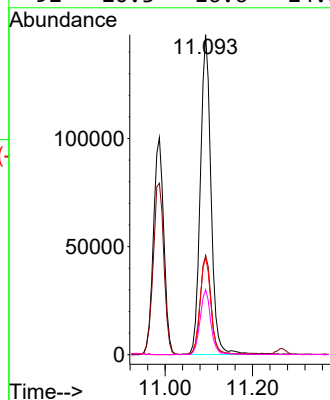
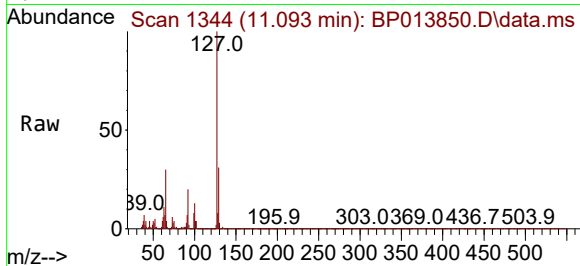




#33
4-Chloroaniline
Concen: 22.257 ng
RT: 11.093 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP013850.D
Acq: 17 Feb 2023 17:58

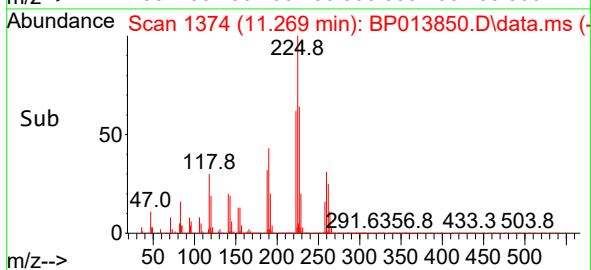
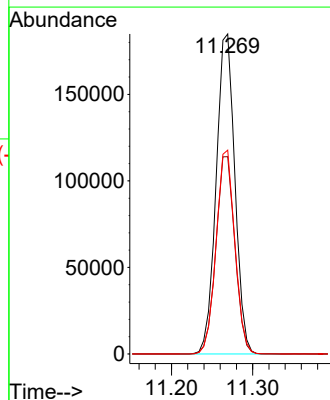
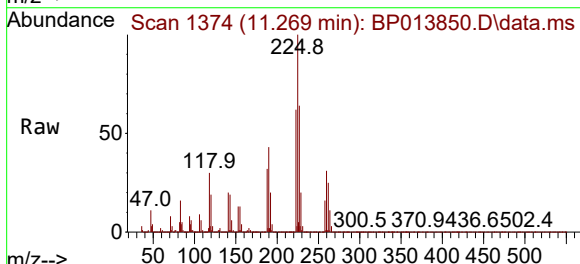
Instrument :
BNA_P
ClientSampleId :
MH-CMS

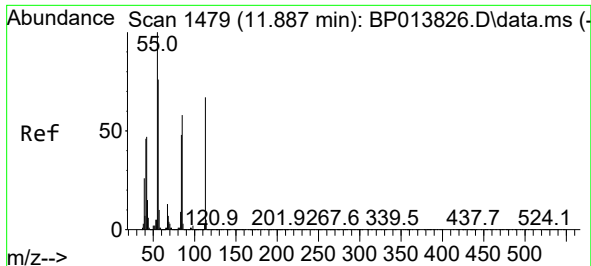
Tgt Ion:	127	Resp:	252430
Ion	Ratio	Lower	Upper
127	100		
129	31.1	25.7	38.5
65	30.2	23.4	35.2
92	20.3	16.6	24.8



#34
Hexachlorobutadiene
Concen: 48.163 ng
RT: 11.269 min Scan# 1374
Delta R.T. 0.000 min
Lab File: BP013850.D
Acq: 17 Feb 2023 17:58

Tgt Ion:	225	Resp:	296272
Ion	Ratio	Lower	Upper
225	100		
223	61.7	51.0	76.4
227	63.7	51.6	77.4

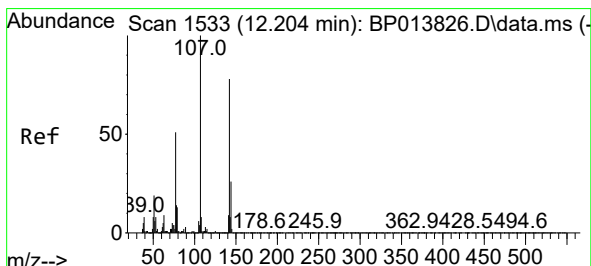
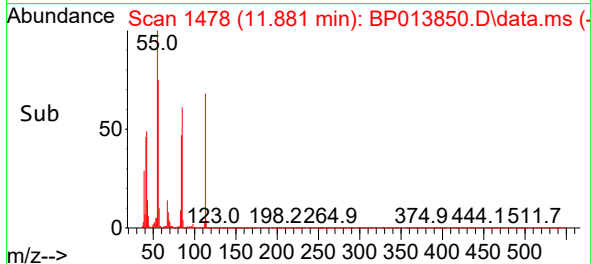
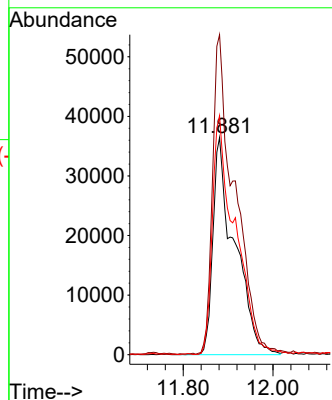
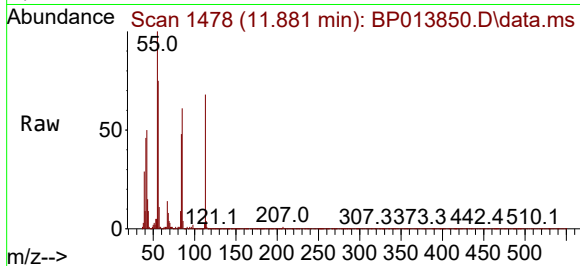




#35
Caprolactam
Concen: 48.303 ng
RT: 11.881 min Scan# 1479
Delta R.T. -0.006 min
Lab File: BP013850.D
Acq: 17 Feb 2023 17:58

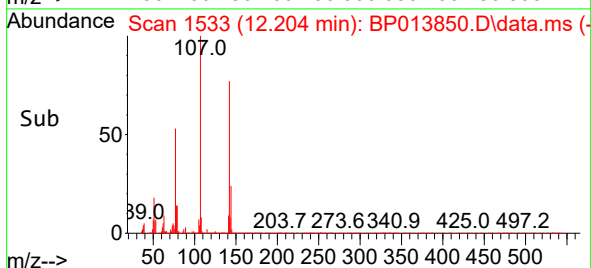
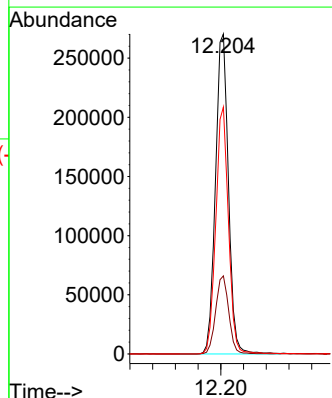
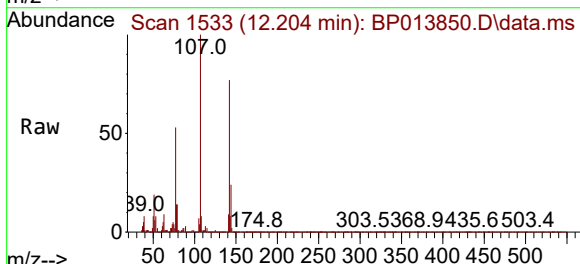
Instrument :
BNA_P
ClientSampleId :
MH-CMS

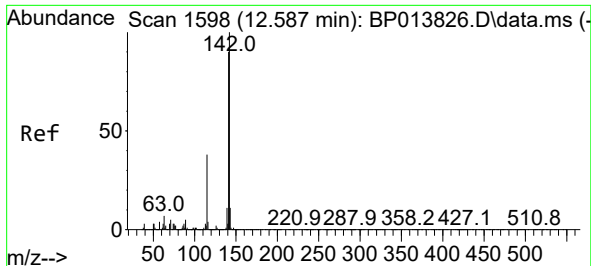
Tgt Ion:113 Resp: 121654
Ion Ratio Lower Upper
113 100
55 147.4 128.5 168.5
56 110.1 93.4 133.4



#36
4-Chloro-3-methylphenol
Concen: 48.450 ng
RT: 12.204 min Scan# 1533
Delta R.T. 0.000 min
Lab File: BP013850.D
Acq: 17 Feb 2023 17:58

Tgt Ion:107 Resp: 425876
Ion Ratio Lower Upper
107 100
144 24.4 20.4 30.6
142 77.1 62.2 93.4

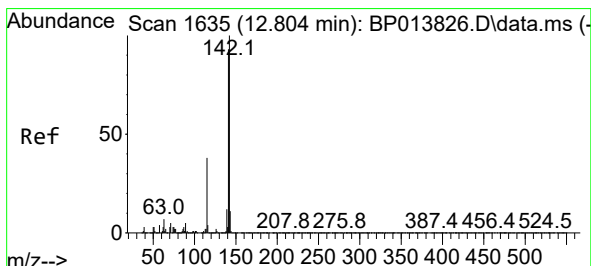
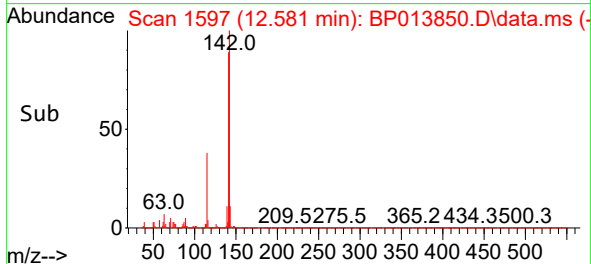
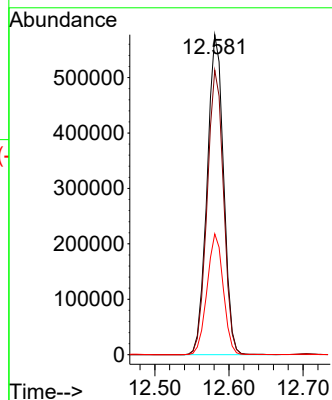
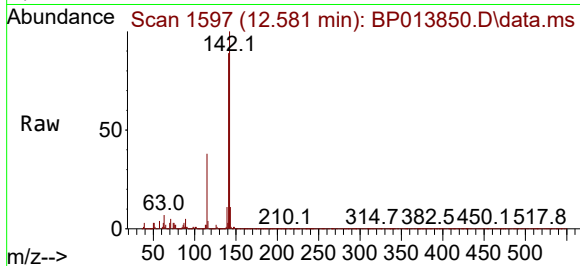




#37
2-Methylnaphthalene
Concen: 45.508 ng
RT: 12.581 min Scan# 1598
Delta R.T. -0.006 min
Lab File: BP013850.D
Acq: 17 Feb 2023 17:58

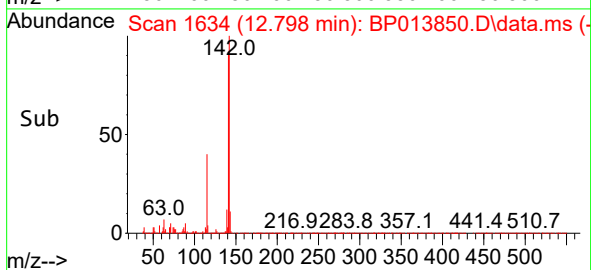
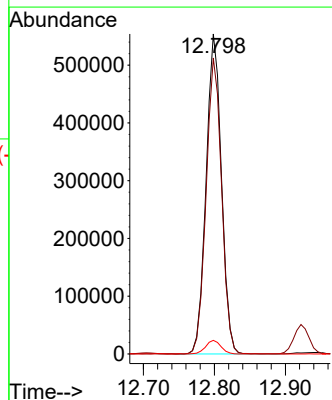
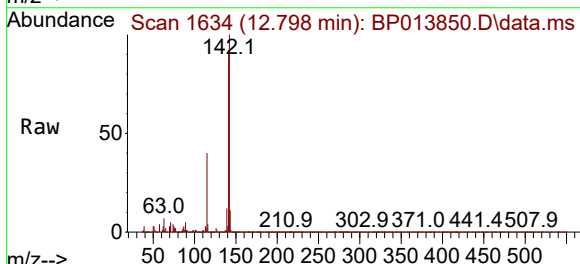
Instrument :
BNA_P
ClientSampleId :
MH-CMS

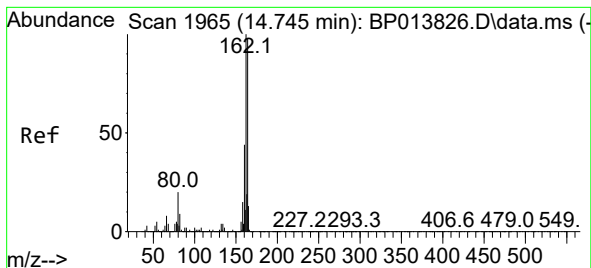
Tgt Ion:142 Resp: 889770
Ion Ratio Lower Upper
142 100
141 88.9 72.1 108.1
115 37.8 30.2 45.4



#38
1-Methylnaphthalene
Concen: 45.516 ng
RT: 12.798 min Scan# 1634
Delta R.T. -0.006 min
Lab File: BP013850.D
Acq: 17 Feb 2023 17:58

Tgt Ion:142 Resp: 832893
Ion Ratio Lower Upper
142 100
141 92.5 74.2 111.4
116 4.3 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.745 min Scan# 1965

Delta R.T. 0.000 min

Lab File: BP013850.D

Acq: 17 Feb 2023 17:58

Instrument :

BNA_P

ClientSampleId :

MH-CMS

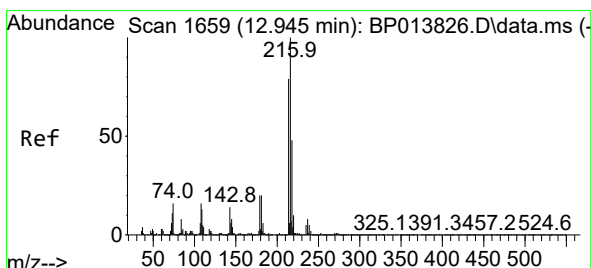
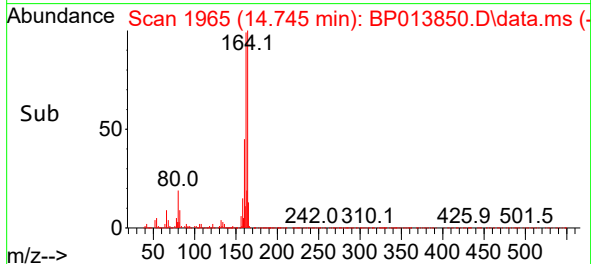
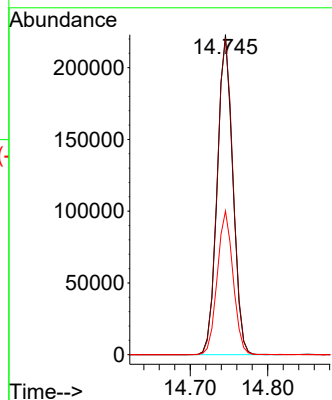
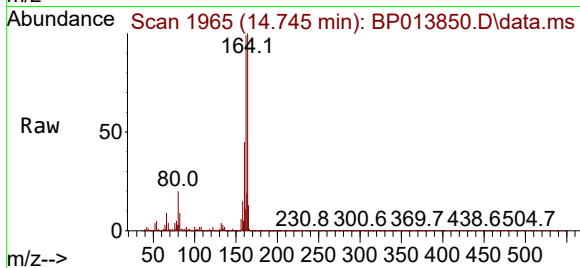
Tgt Ion:164 Resp: 311612

Ion Ratio Lower Upper

164 100

162 98.8 81.7 122.5

160 44.9 36.1 54.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.246 ng

RT: 12.946 min Scan# 1659

Delta R.T. 0.000 min

Lab File: BP013850.D

Acq: 17 Feb 2023 17:58

Tgt Ion:216 Resp: 542185

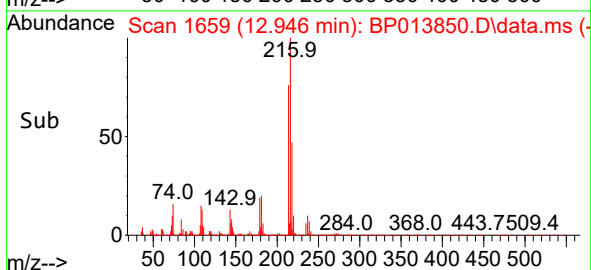
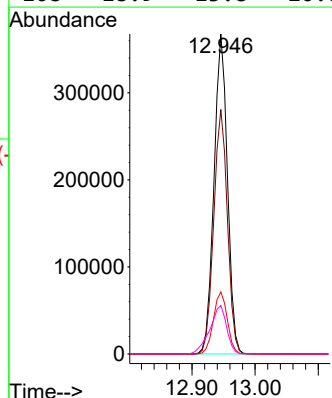
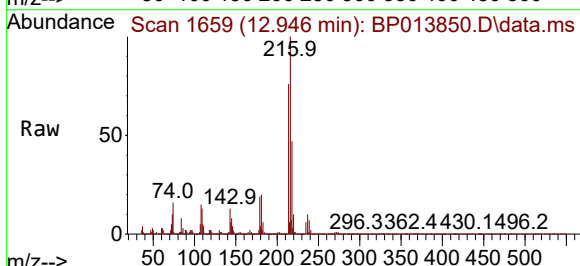
Ion Ratio Lower Upper

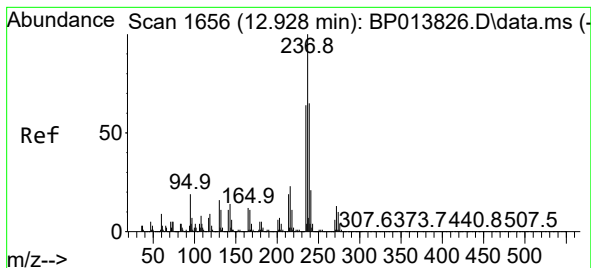
216 100

214 77.8 63.0 94.4

179 20.1 16.0 24.0

108 18.9 13.8 20.8





#41

Hexachlorocyclopentadiene

Concen: 114.743 ng

RT: 12.922 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP013850.D

Acq: 17 Feb 2023 17:58

Instrument :

BNA_P

ClientSampleId :

MH-CMS

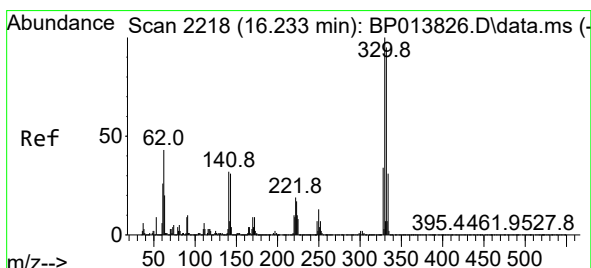
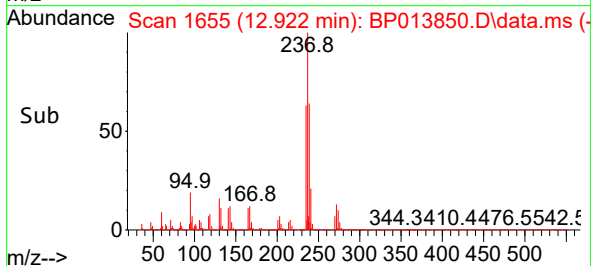
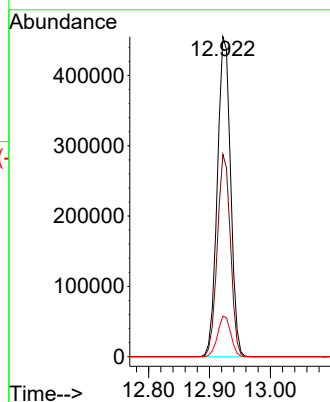
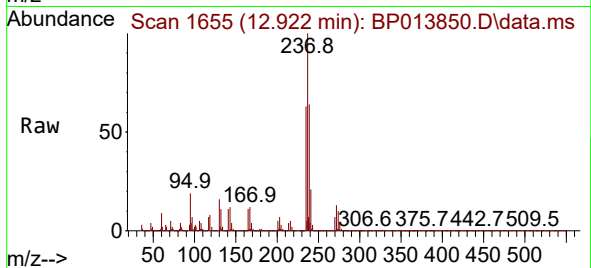
Tgt Ion:237 Resp: 684942

Ion Ratio Lower Upper

237 100

235 63.3 44.3 84.3

272 12.7 0.0 32.8



#42

2,4,6-Tribromophenol

Concen: 102.807 ng

RT: 16.234 min Scan# 2218

Delta R.T. 0.000 min

Lab File: BP013850.D

Acq: 17 Feb 2023 17:58

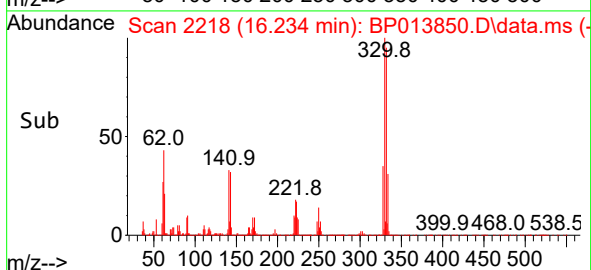
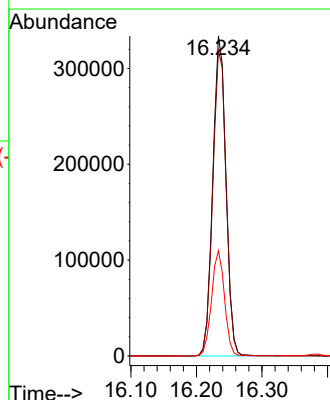
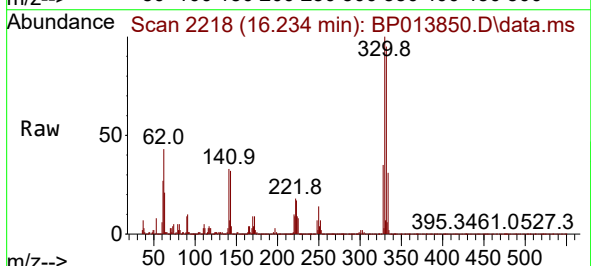
Tgt Ion:330 Resp: 466337

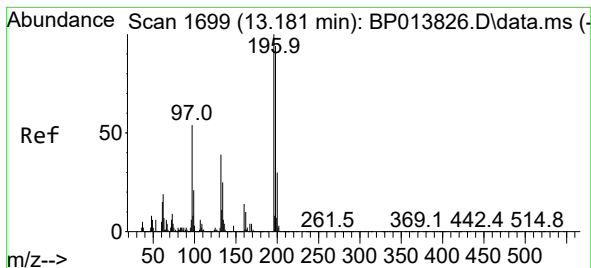
Ion Ratio Lower Upper

330 100

332 96.7 76.7 115.1

141 32.4 25.1 37.7





#43

2,4,6-Trichlorophenol

Concen: 48.350 ng

RT: 13.181 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP013850.D

Acq: 17 Feb 2023 17:58

Instrument :

BNA_P

ClientSampleId :

MH-CMS

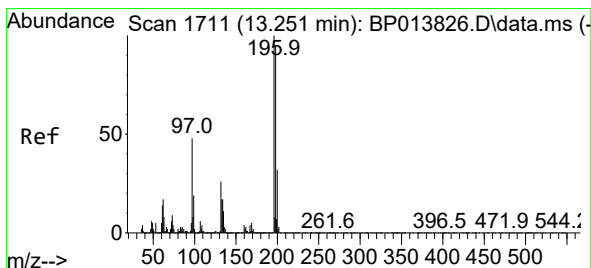
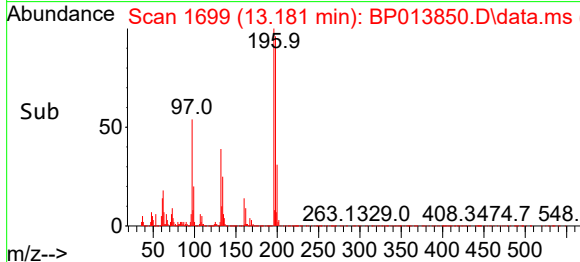
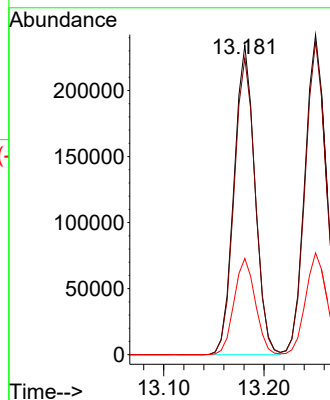
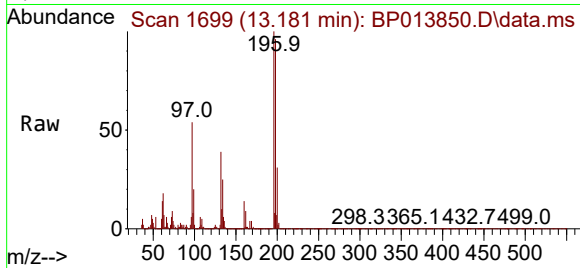
Tgt Ion:196 Resp: 339905

Ion Ratio Lower Upper

196 100

198 95.8 75.5 113.3

200 31.1 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 43.256 ng

RT: 13.251 min Scan# 1711

Delta R.T. 0.000 min

Lab File: BP013850.D

Acq: 17 Feb 2023 17:58

Tgt Ion:196 Resp: 361423

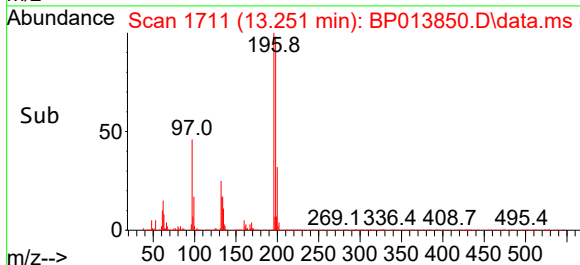
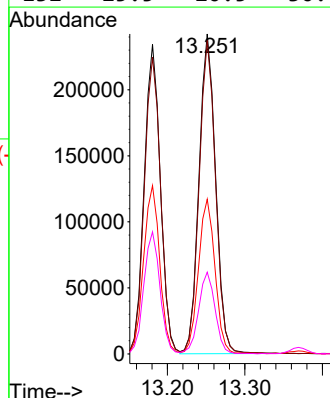
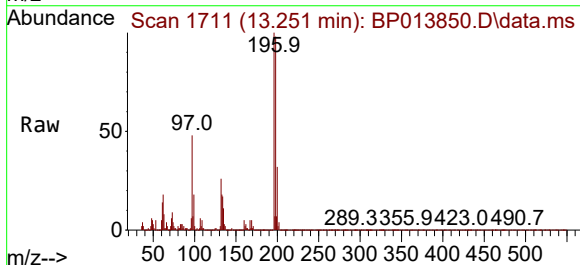
Ion Ratio Lower Upper

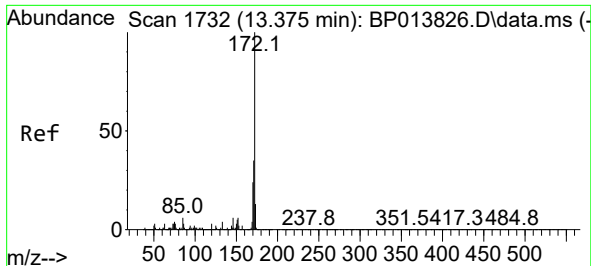
196 100

198 97.9 76.1 114.1

97 48.4 38.8 58.2

132 25.5 20.5 30.7

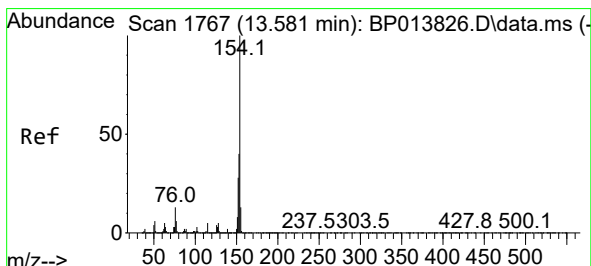
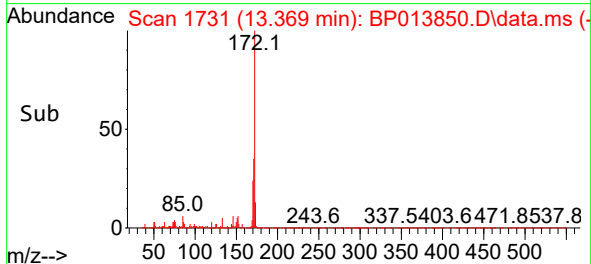
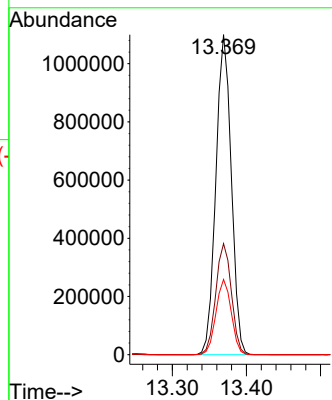
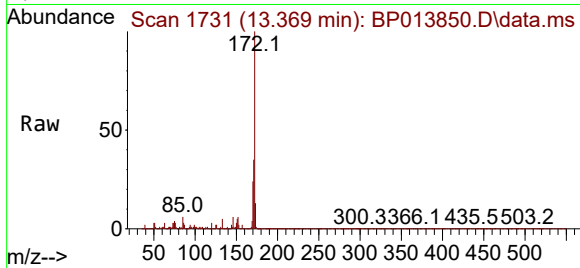




#45
2-Fluorobiphenyl
Concen: 66.835 ng
RT: 13.369 min Scan# 1731
Delta R.T. -0.006 min
Lab File: BP013850.D
Acq: 17 Feb 2023 17:58

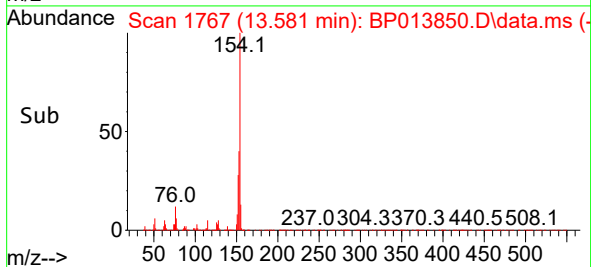
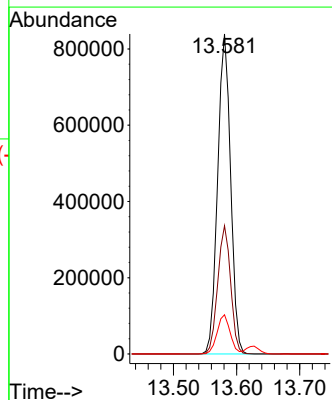
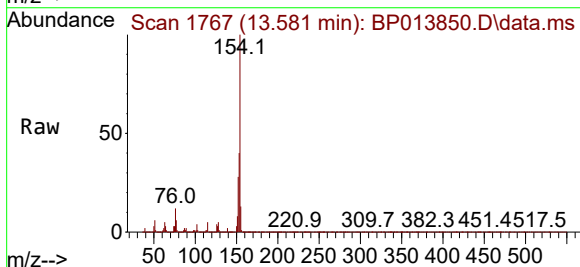
Instrument :
BNA_P
ClientSampleId :
MH-CMS

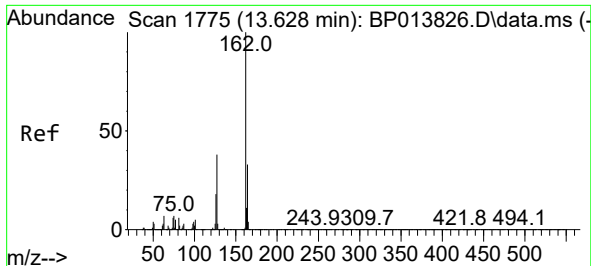
Tgt Ion:172 Resp: 1585624
Ion Ratio Lower Upper
172 100
171 34.7 28.2 42.4
170 23.5 19.0 28.4



#46
1,1'-Biphenyl
Concen: 47.410 ng
RT: 13.581 min Scan# 1767
Delta R.T. 0.000 min
Lab File: BP013850.D
Acq: 17 Feb 2023 17:58

Tgt Ion:154 Resp: 1194066
Ion Ratio Lower Upper
154 100
153 40.1 19.9 59.9
76 12.3 0.0 32.8

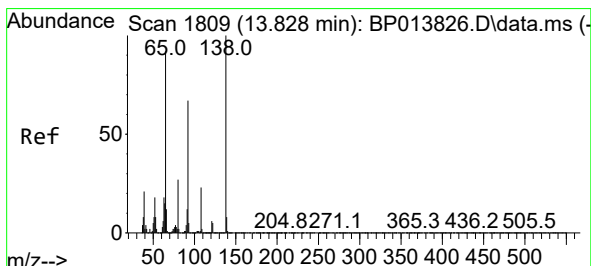
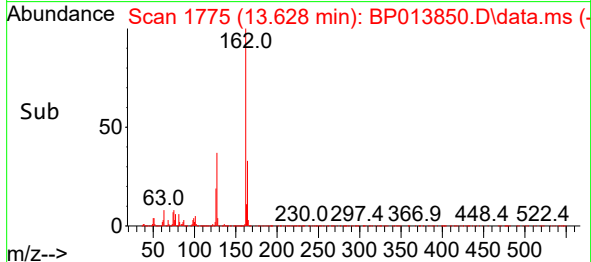
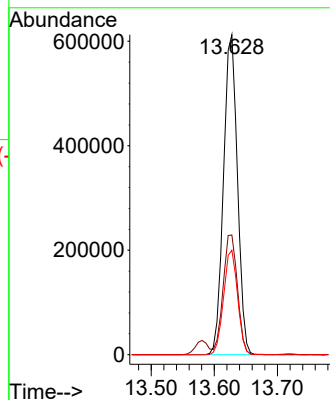
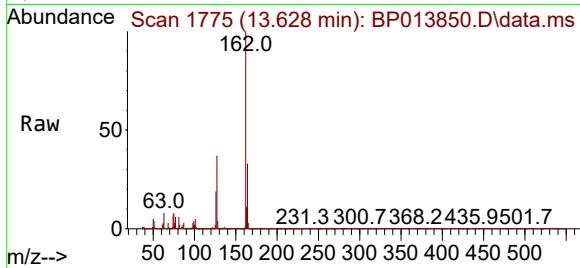




#47
2-Chloronaphthalene
Concen: 48.941 ng
RT: 13.628 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP013850.D
Acq: 17 Feb 2023 17:58

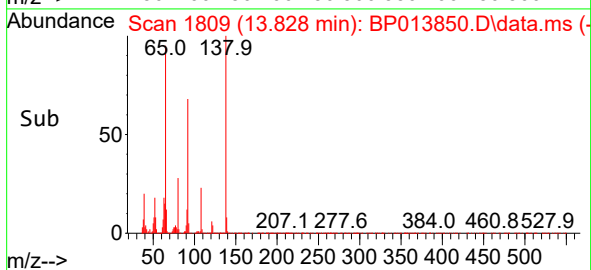
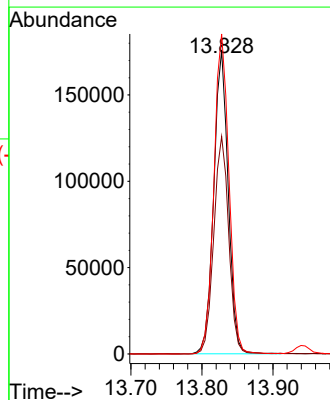
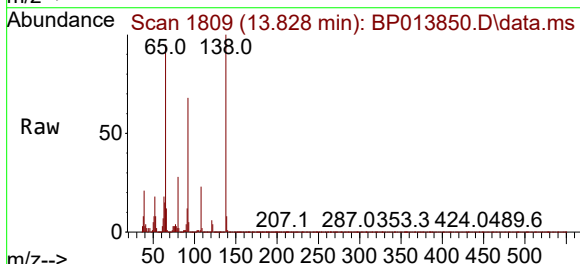
Instrument :
BNA_P
ClientSampleId :
MH-CMS

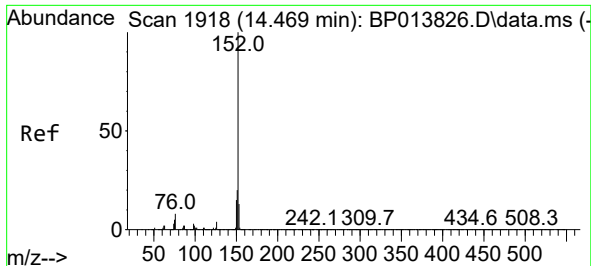
Tgt Ion:162 Resp: 939098
Ion Ratio Lower Upper
162 100
127 37.4 30.8 46.2
164 32.7 26.3 39.5



#48
2-Nitroaniline
Concen: 45.743 ng
RT: 13.828 min Scan# 1809
Delta R.T. -0.000 min
Lab File: BP013850.D
Acq: 17 Feb 2023 17:58

Tgt Ion: 65 Resp: 248411
Ion Ratio Lower Upper
65 100
92 71.6 58.7 88.1
138 105.4 87.3 130.9

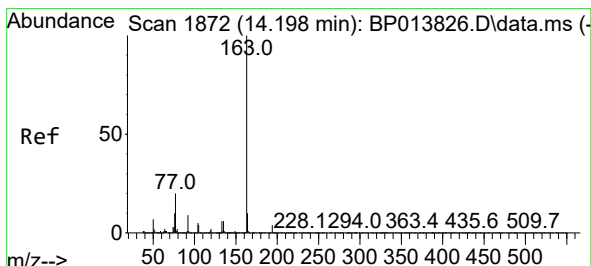
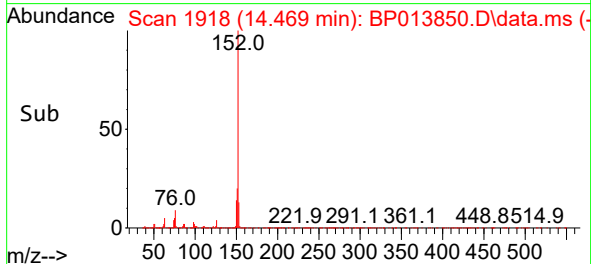
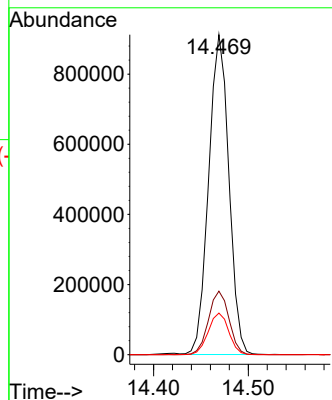
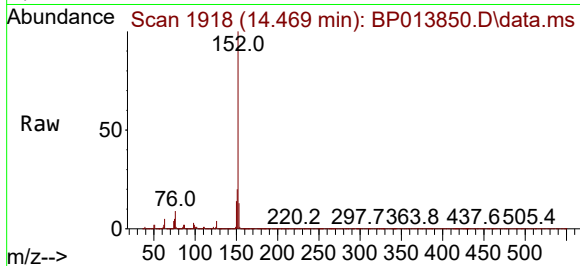




#49
Acenaphthylene
Concen: 44.634 ng
RT: 14.469 min Scan# 1918
Delta R.T. -0.000 min
Lab File: BP013850.D
Acq: 17 Feb 2023 17:58

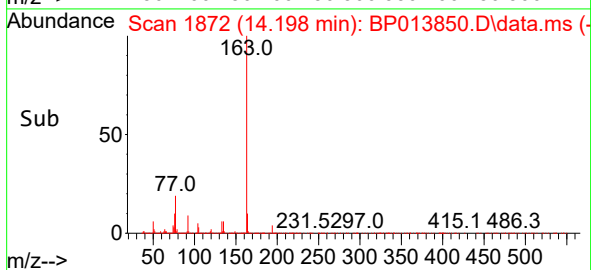
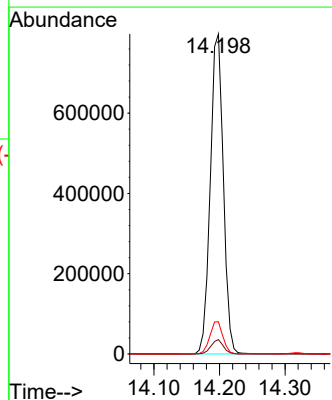
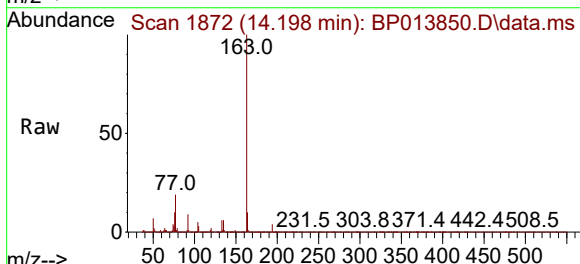
Instrument :
BNA_P
ClientSampleId :
MH-CMS

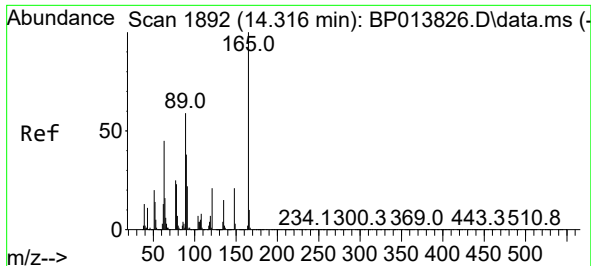
Tgt Ion:152 Resp: 1350048
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.8
153 13.0 10.7 16.1



#50
Dimethylphthalate
Concen: 43.515 ng
RT: 14.198 min Scan# 1872
Delta R.T. 0.000 min
Lab File: BP013850.D
Acq: 17 Feb 2023 17:58

Tgt Ion:163 Resp: 1103404
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.2
164 10.0 8.0 12.0

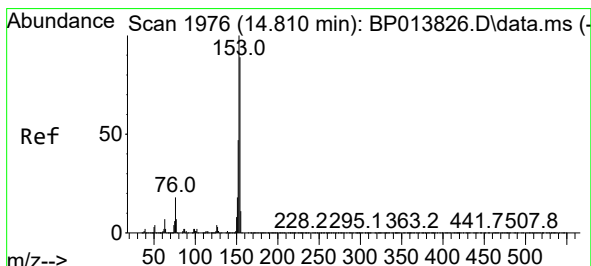
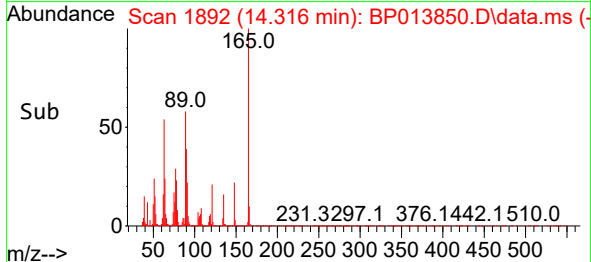
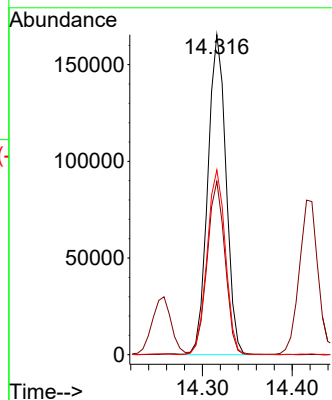
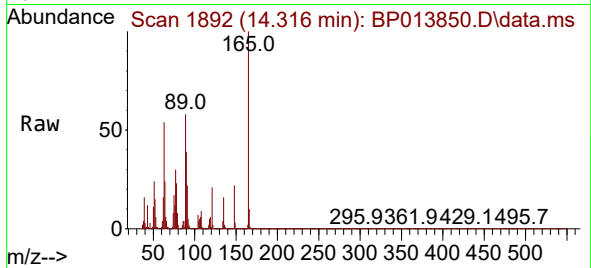




#51
2,6-Dinitrotoluene
Concen: 42.247 ng
RT: 14.316 min Scan# 1892
Delta R.T. 0.000 min
Lab File: BP013850.D
Acq: 17 Feb 2023 17:58

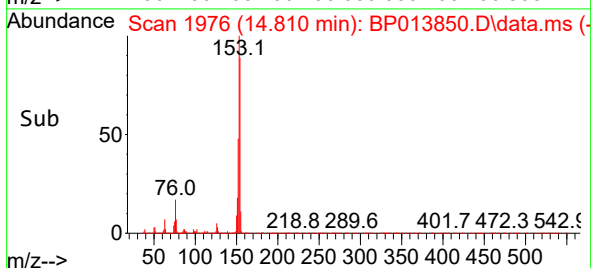
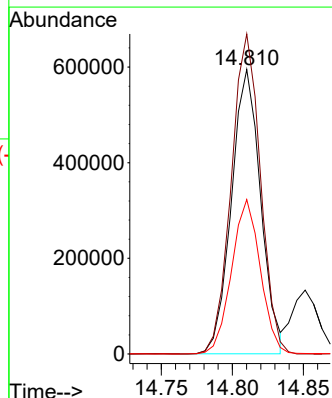
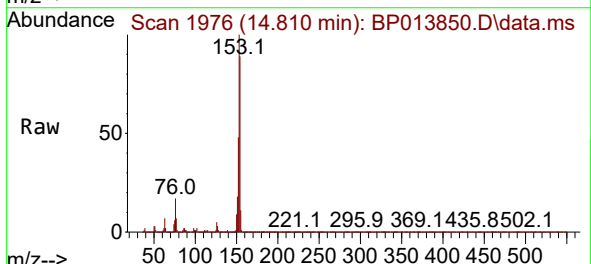
Instrument :
BNA_P
ClientSampleId :
MH-CMS

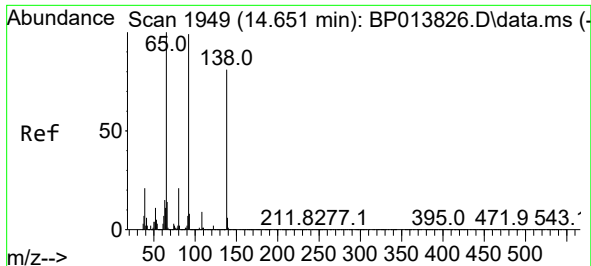
Tgt Ion:165 Resp: 232824
Ion Ratio Lower Upper
165 100
63 54.2 42.6 63.8
89 57.7 47.1 70.7



#52
Acenaphthene
Concen: 46.338 ng
RT: 14.810 min Scan# 1976
Delta R.T. 0.000 min
Lab File: BP013850.D
Acq: 17 Feb 2023 17:58

Tgt Ion:154 Resp: 852898
Ion Ratio Lower Upper
154 100
153 112.5 90.4 135.6
152 54.3 42.6 64.0

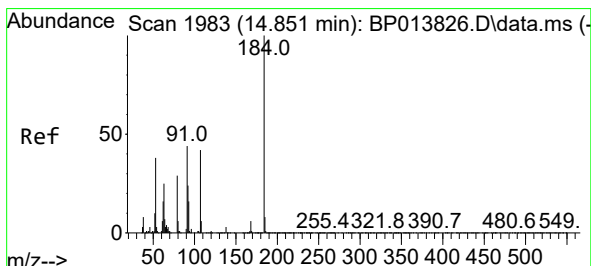
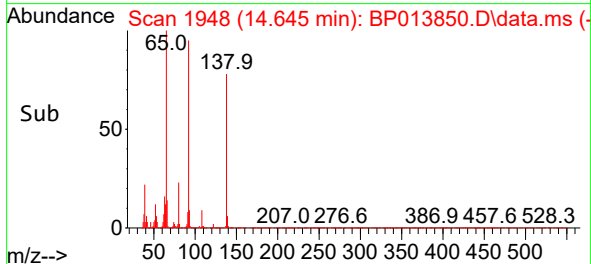
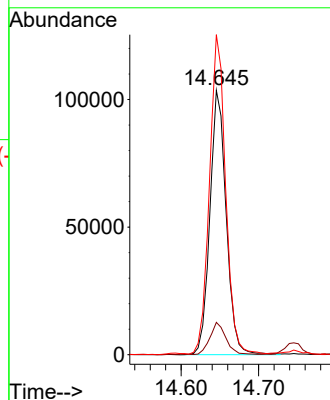
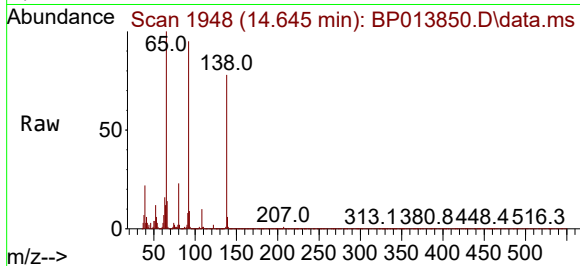




#53
3-Nitroaniline
Concen: 27.174 ng
RT: 14.645 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BP013850.D
Acq: 17 Feb 2023 17:58

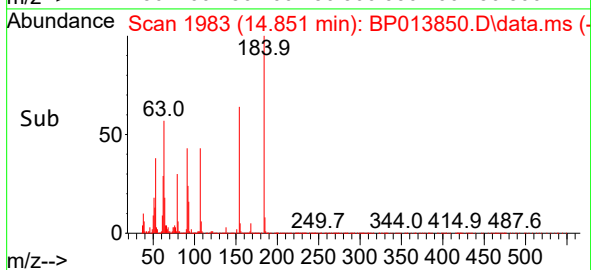
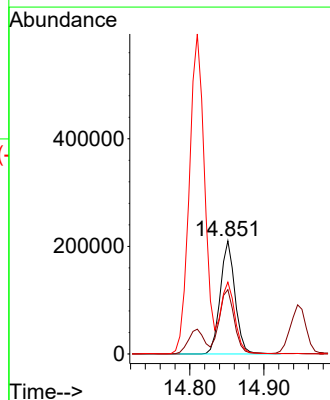
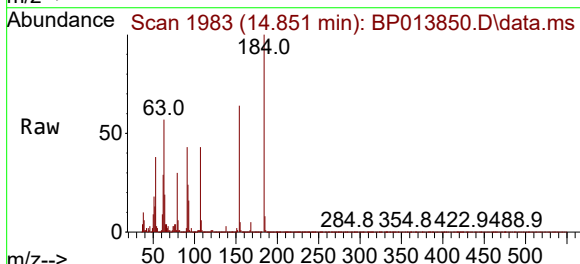
Instrument :
BNA_P
ClientSampleId :
MH-CMS

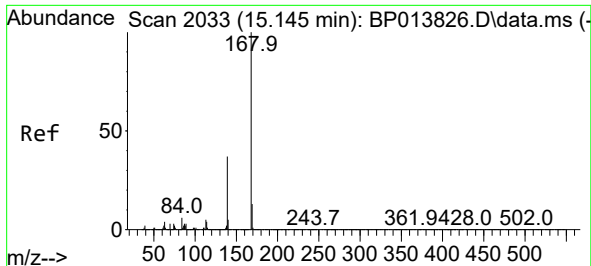
Tgt Ion:138 Resp: 151517
Ion Ratio Lower Upper
138 100
108 12.2 9.0 13.4
92 121.1 97.1 145.7



#54
2,4-Dinitrophenol
Concen: 79.586 ng
RT: 14.851 min Scan# 1983
Delta R.T. 0.000 min
Lab File: BP013850.D
Acq: 17 Feb 2023 17:58

Tgt Ion:184 Resp: 289969
Ion Ratio Lower Upper
184 100
63 56.9 47.0 70.4
154 63.6 51.5 77.3

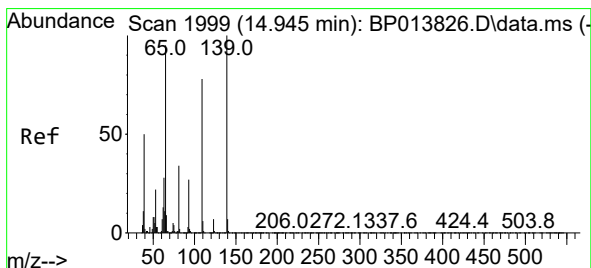
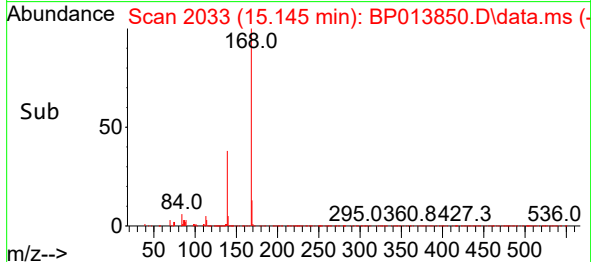
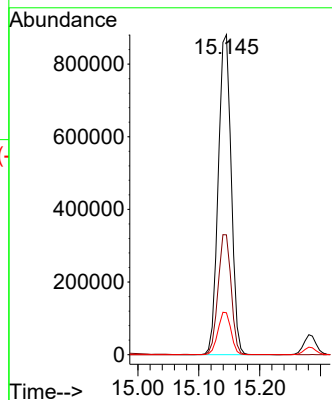
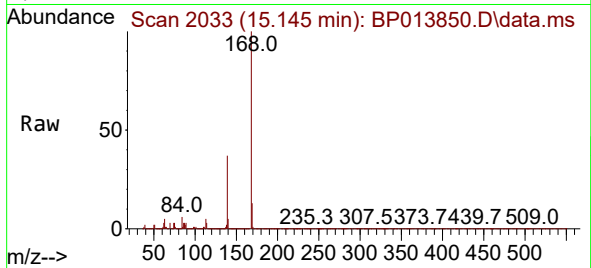




#55
Dibenzenofuran
Concen: 42.311 ng
RT: 15.145 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BP013850.D
Acq: 17 Feb 2023 17:58

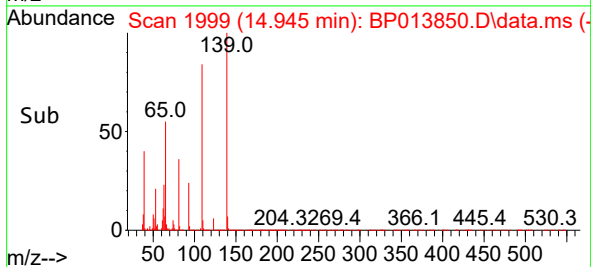
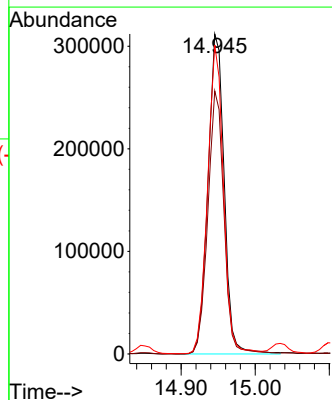
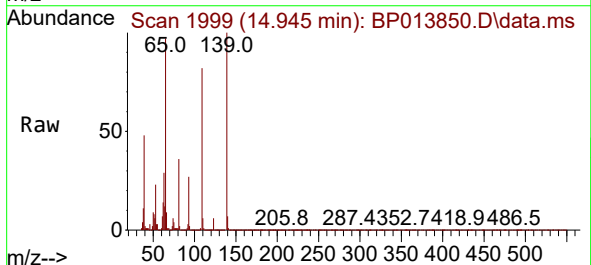
Instrument :
BNA_P
ClientSampleId :
MH-CMS

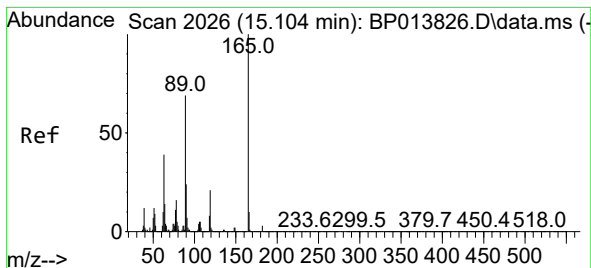
Tgt Ion:168 Resp: 1295782
Ion Ratio Lower Upper
168 100
139 37.5 29.8 44.8
169 13.1 10.8 16.2



#56
4-Nitrophenol
Concen: 104.672 ng
RT: 14.945 min Scan# 1999
Delta R.T. 0.000 min
Lab File: BP013850.D
Acq: 17 Feb 2023 17:58

Tgt Ion:139 Resp: 474431
Ion Ratio Lower Upper
139 100
109 82.2 58.2 98.2
65 96.6 74.9 114.9

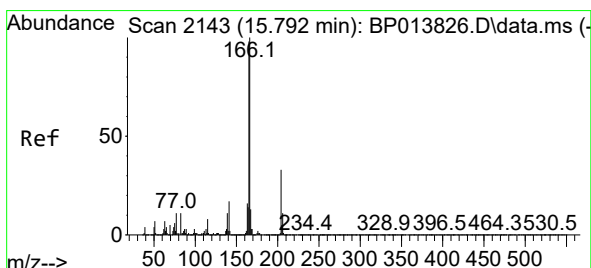
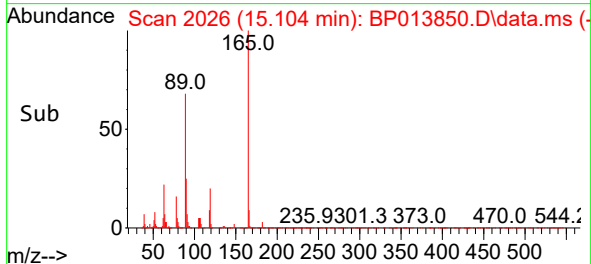
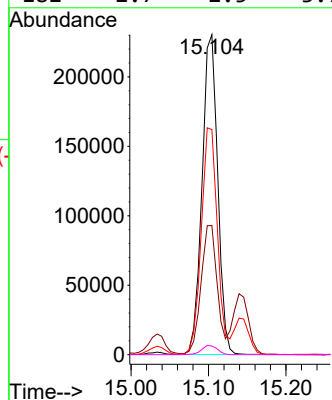
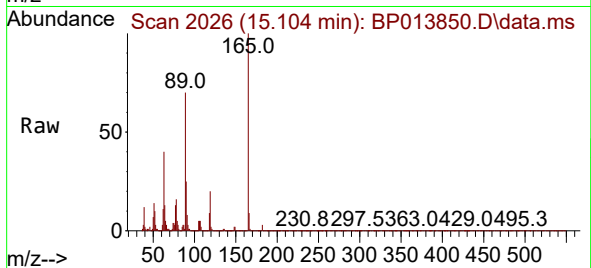




#57
2,4-Dinitrotoluene
Concen: 43.568 ng
RT: 15.104 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BP013850.D
Acq: 17 Feb 2023 17:58

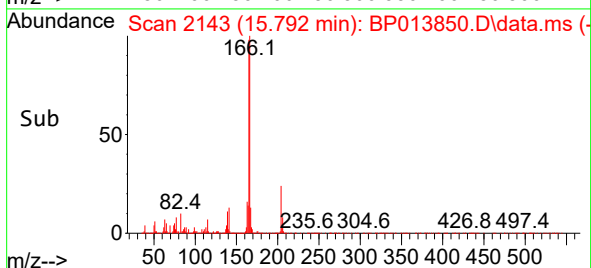
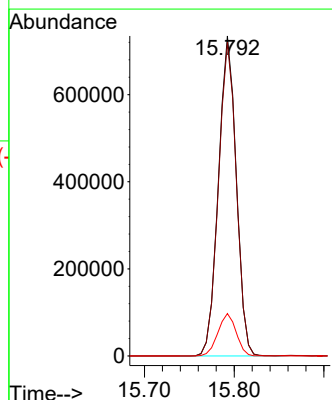
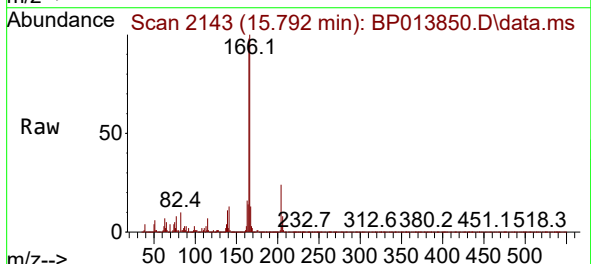
Instrument :
BNA_P
ClientSampleId :
MH-CMS

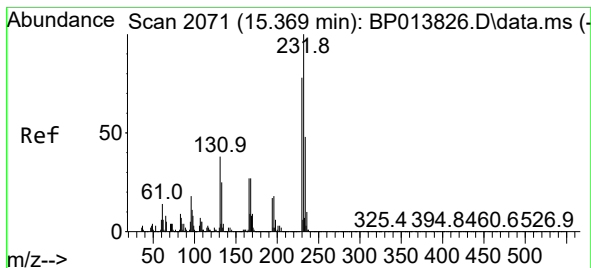
Tgt Ion:165 Resp: 323382
Ion Ratio Lower Upper
165 100
63 40.4 31.1 46.7
89 70.4 54.9 82.3
182 2.7 2.5 3.7



#58
Fluorene
Concen: 42.232 ng
RT: 15.792 min Scan# 2143
Delta R.T. 0.000 min
Lab File: BP013850.D
Acq: 17 Feb 2023 17:58

Tgt Ion:166 Resp: 1014131
Ion Ratio Lower Upper
166 100
165 98.0 78.1 117.1
167 13.2 10.7 16.1



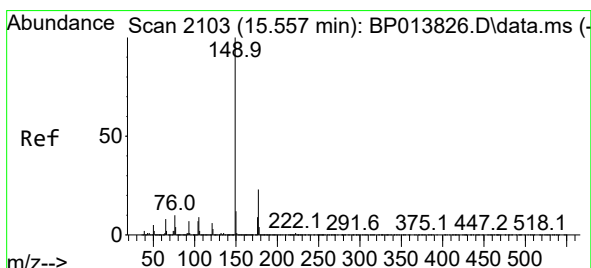
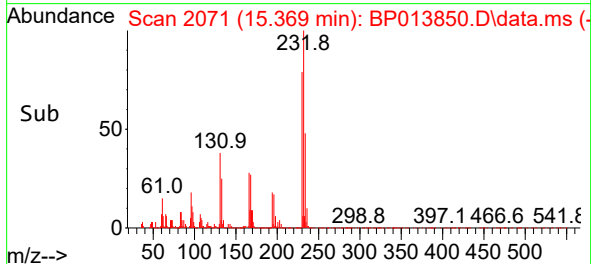
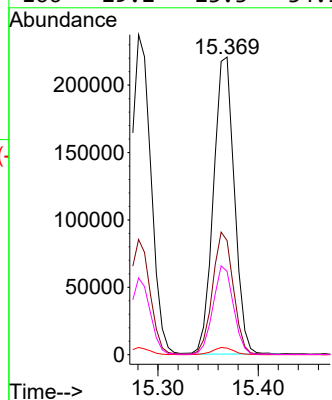
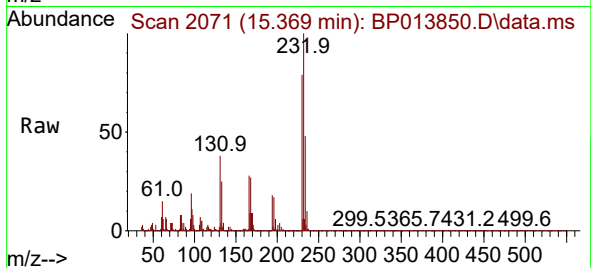


#59
2,3,4,6-Tetrachlorophenol
Concen: 44.317 ng
RT: 15.369 min Scan# 2071
Delta R.T. 0.000 min
Lab File: BP013850.D
Acq: 17 Feb 2023 17:58

Instrument :
BNA_P
ClientSampleId :
MH-CMS

Tgt Ion:232 Resp: 318773

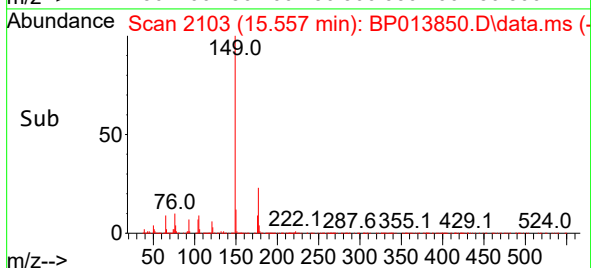
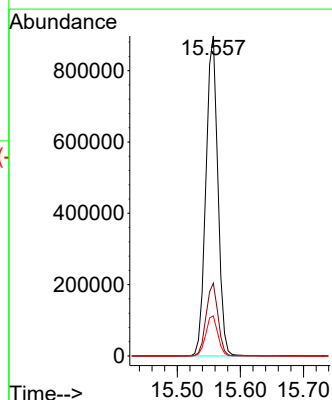
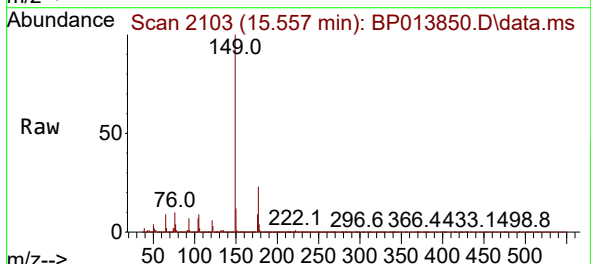
Ion	Ratio	Lower	Upper
232	100		
131	40.8	31.7	47.5
130	2.4	1.7	2.5
166	29.2	23.3	34.9

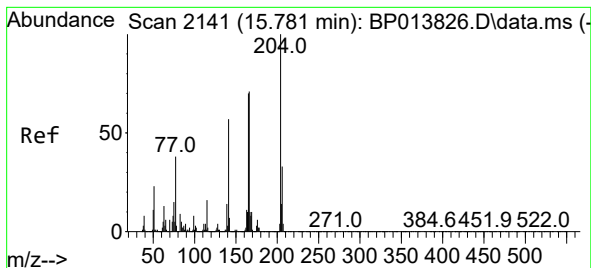


#60
Diethylphthalate
Concen: 47.619 ng
RT: 15.557 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BP013850.D
Acq: 17 Feb 2023 17:58

Tgt Ion:149 Resp: 1177427

Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.4	27.6
150	12.5	9.8	14.8

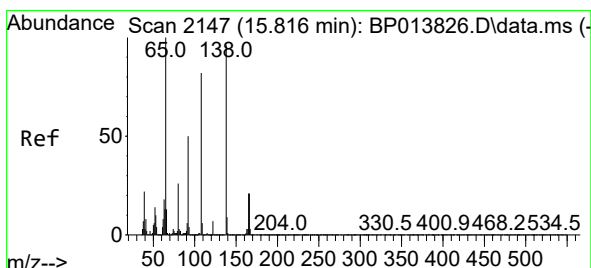
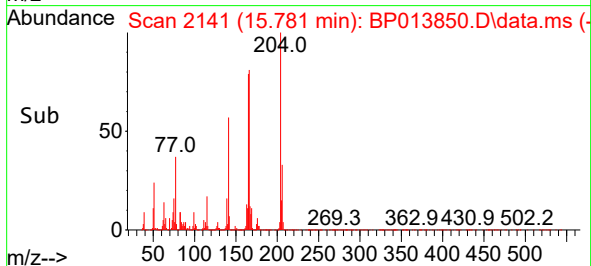
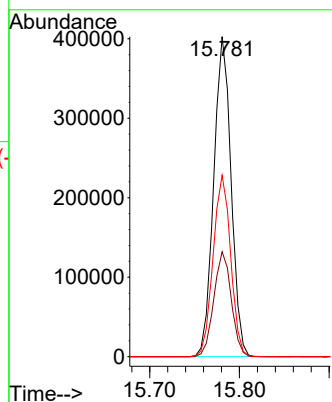
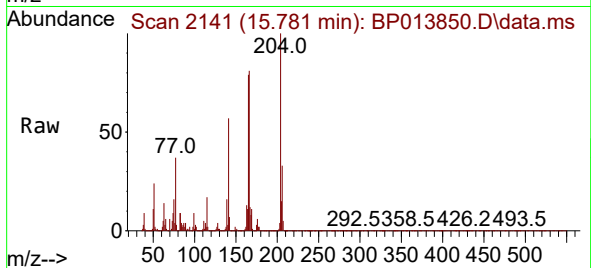




#61
4-Chlorophenyl-phenylether
Concen: 41.602 ng
RT: 15.781 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BP013850.D
Acq: 17 Feb 2023 17:58

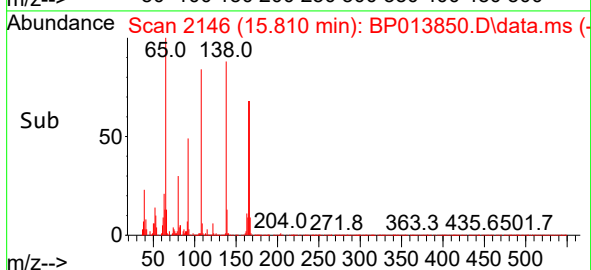
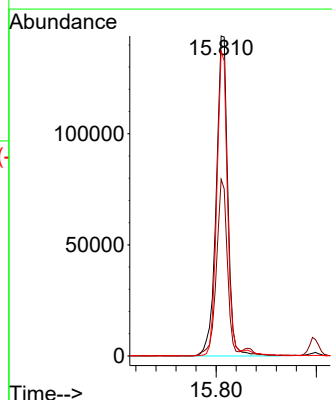
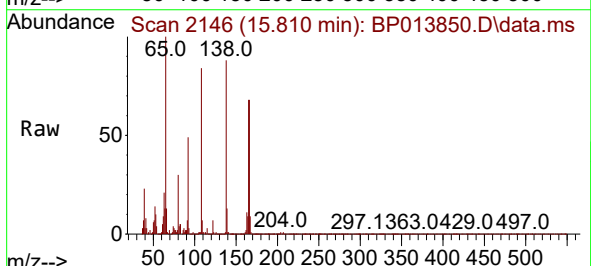
Instrument :
BNA_P
ClientSampleId :
MH-CMS

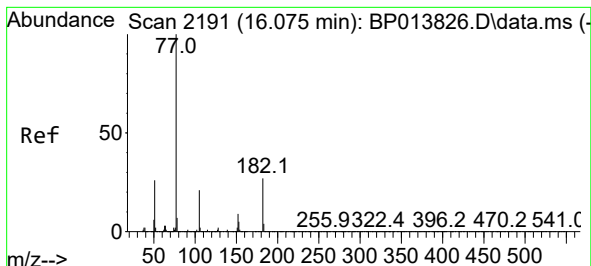
Tgt Ion:204 Resp: 541285
Ion Ratio Lower Upper
204 100
206 32.8 26.2 39.2
141 56.7 45.3 67.9



#62
4-Nitroaniline
Concen: 39.378 ng
RT: 15.810 min Scan# 2146
Delta R.T. -0.006 min
Lab File: BP013850.D
Acq: 17 Feb 2023 17:58

Tgt Ion:138 Resp: 230822
Ion Ratio Lower Upper
138 100
92 55.2 32.0 72.0
108 95.2 65.6 105.6





#63

Azobenzene

Concen: 44.476 ng

RT: 16.075 min Scan# 2191

Delta R.T. 0.000 min

Lab File: BP013850.D

Acq: 17 Feb 2023 17:58

Instrument :

BNA_P

ClientSampleId :

MH-CMS

Tgt Ion: 77 Resp: 994960

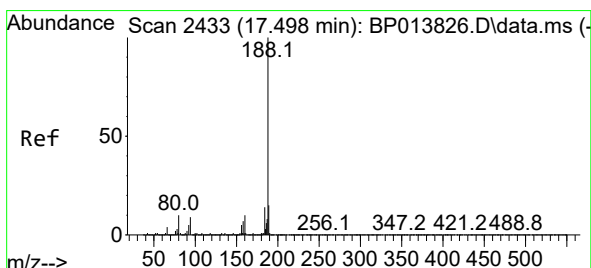
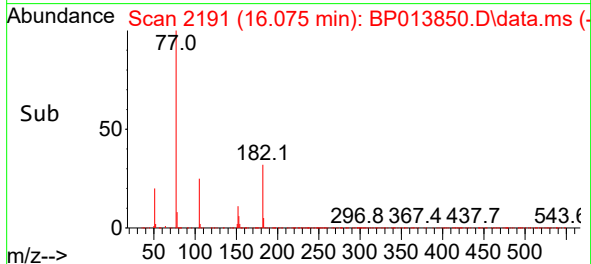
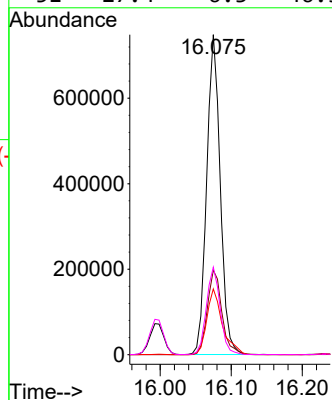
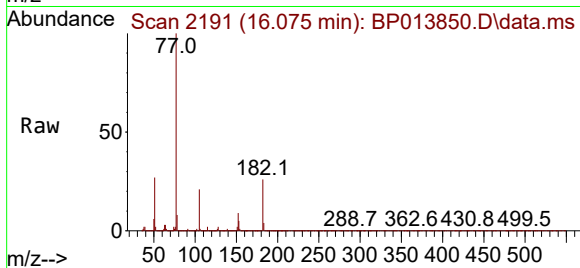
Ion Ratio Lower Upper

77 100

182 26.4 6.9 46.9

105 20.6 1.1 41.1

51 27.4 6.3 46.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.498 min Scan# 2433

Delta R.T. 0.000 min

Lab File: BP013850.D

Acq: 17 Feb 2023 17:58

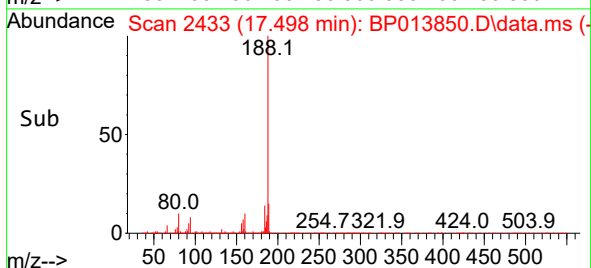
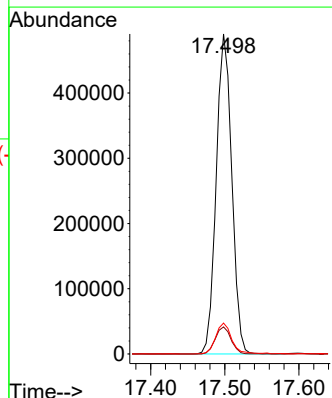
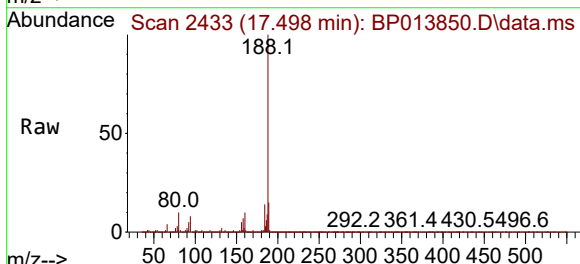
Tgt Ion:188 Resp: 713351

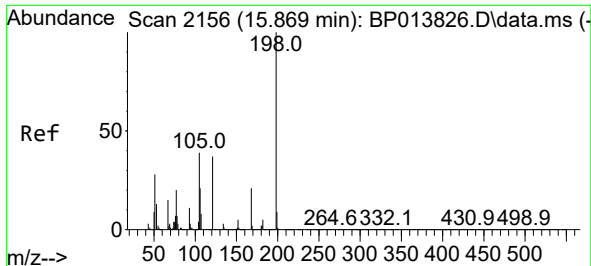
Ion Ratio Lower Upper

188 100

94 8.4 7.0 10.6

80 9.7 7.8 11.8

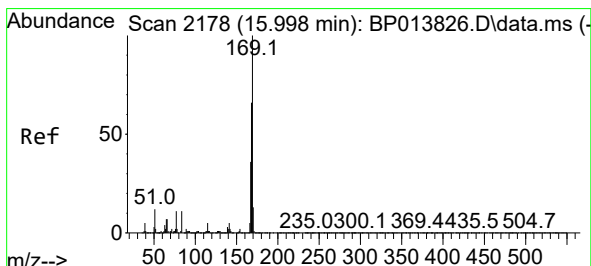
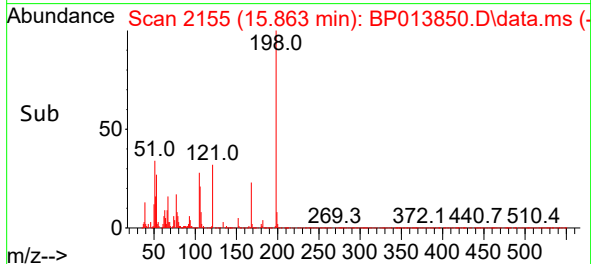
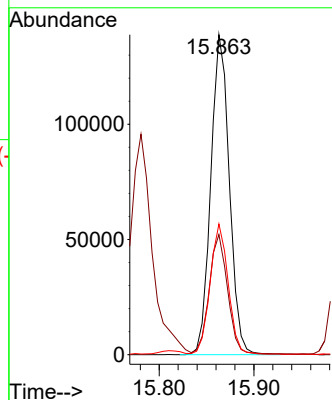
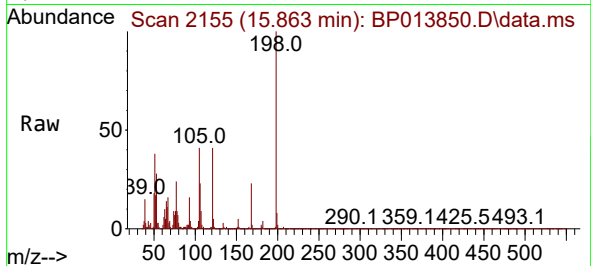




#65
4,6-Dinitro-2-methylphenol
Concen: 38.525 ng
RT: 15.863 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BP013850.D
Acq: 17 Feb 2023 17:58

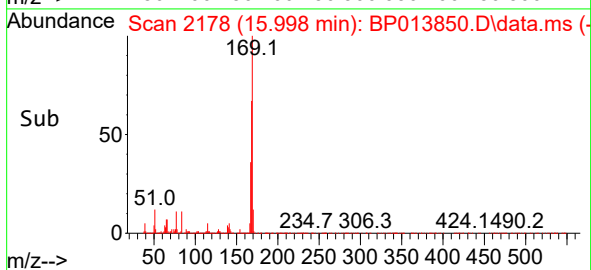
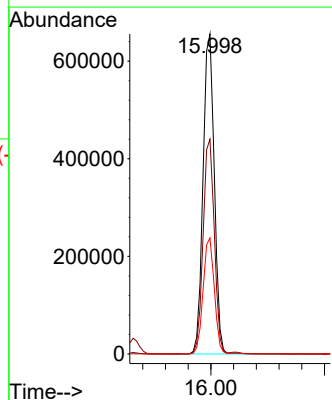
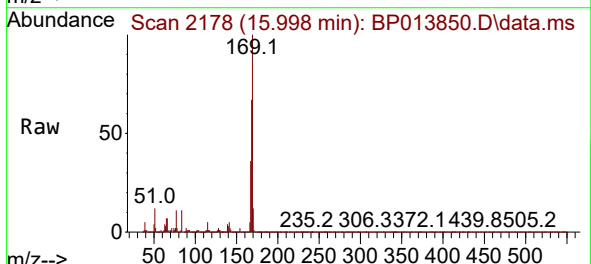
Instrument :
BNA_P
ClientSampleId :
MH-CMS

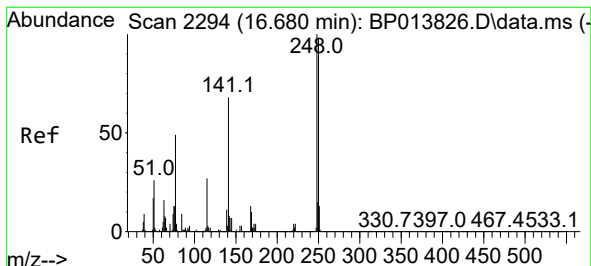
Tgt Ion:198 Resp: 188736
Ion Ratio Lower Upper
198 100
51 37.6 14.3 54.3
105 40.9 20.5 60.5



#66
n-Nitrosodiphenylamine
Concen: 41.662 ng
RT: 15.998 min Scan# 2178
Delta R.T. 0.000 min
Lab File: BP013850.D
Acq: 17 Feb 2023 17:58

Tgt Ion:169 Resp: 900209
Ion Ratio Lower Upper
169 100
168 67.1 53.0 79.6
167 36.3 29.0 43.4

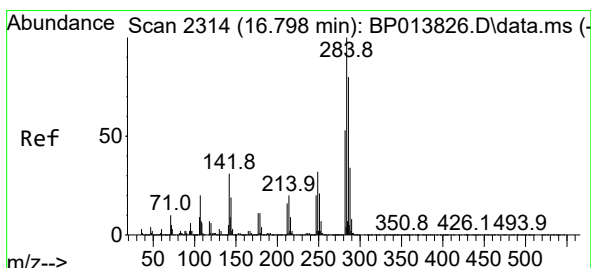
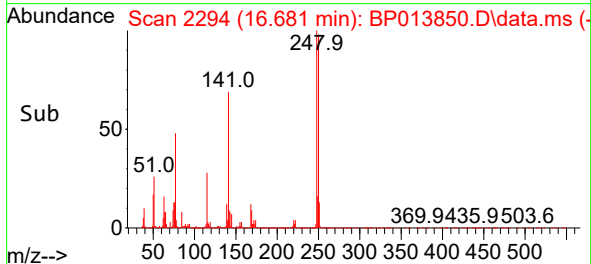
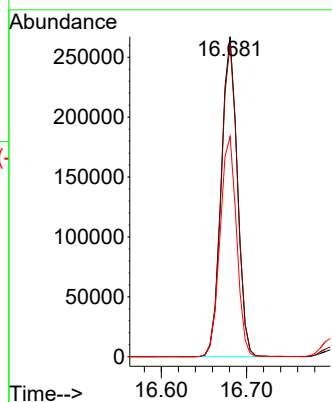
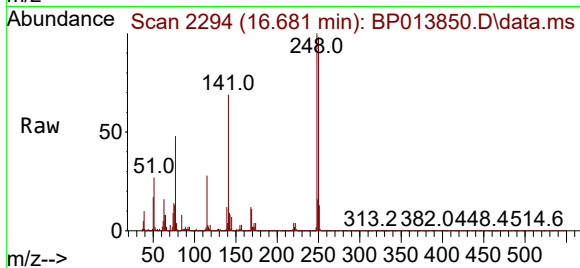




#67
4-Bromophenyl-phenylether
Concen: 41.825 ng
RT: 16.681 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP013850.D
Acq: 17 Feb 2023 17:58

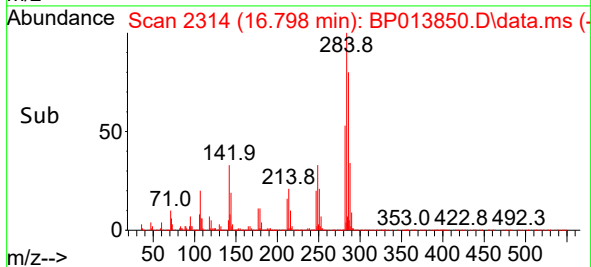
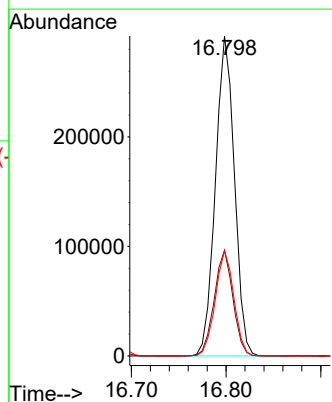
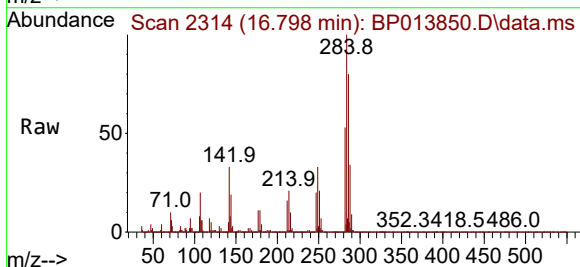
Instrument :
BNA_P
ClientSampleId :
MH-CMS

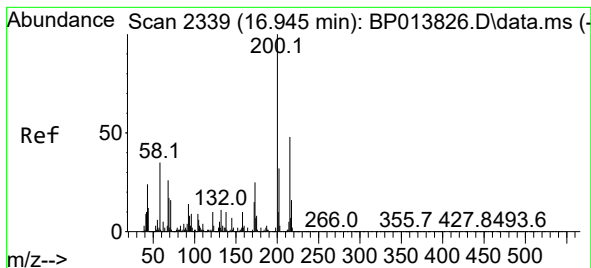
Tgt Ion:248 Resp: 352161
Ion Ratio Lower Upper
248 100
250 97.8 78.1 117.1
141 68.8 54.3 81.5



#68
Hexachlorobenzene
Concen: 44.314 ng
RT: 16.798 min Scan# 2314
Delta R.T. 0.000 min
Lab File: BP013850.D
Acq: 17 Feb 2023 17:58

Tgt Ion:284 Resp: 407287
Ion Ratio Lower Upper
284 100
142 33.1 24.8 37.2
249 32.9 25.8 38.6





#69

Atrazine

Concen: 51.889 ng

RT: 16.945 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP013850.D

Acq: 17 Feb 2023 17:58

Instrument :

BNA_P

ClientSampleId :

MH-CMS

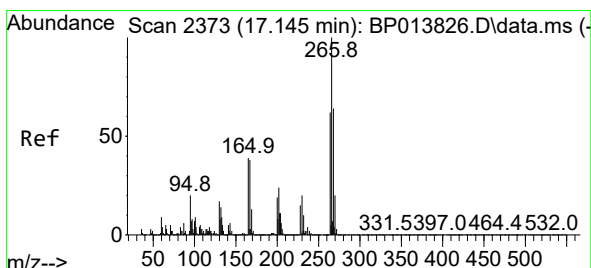
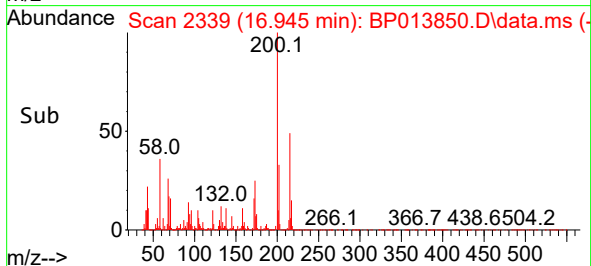
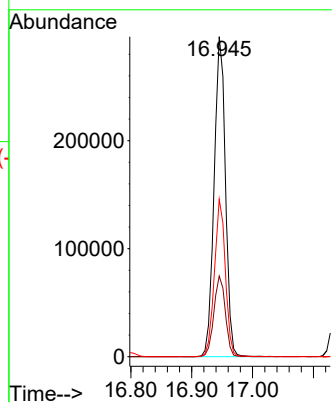
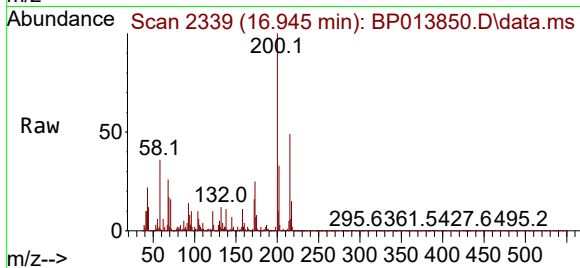
Tgt Ion:200 Resp: 382260

Ion Ratio Lower Upper

200 100

173 25.2 5.2 45.2

215 49.2 28.4 68.4



#70

Pentachlorophenol

Concen: 89.630 ng

RT: 17.145 min Scan# 2373

Delta R.T. 0.000 min

Lab File: BP013850.D

Acq: 17 Feb 2023 17:58

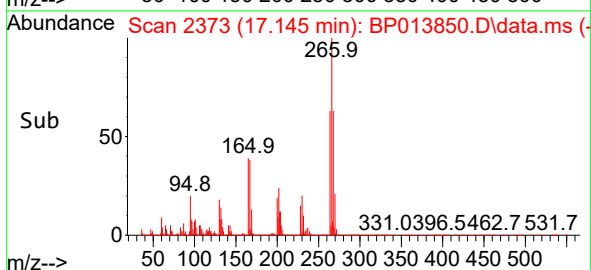
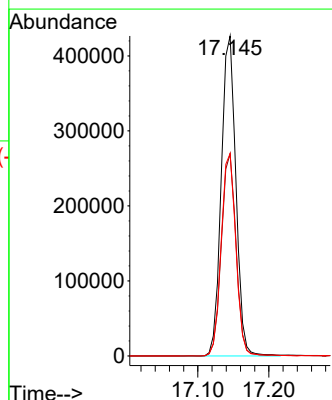
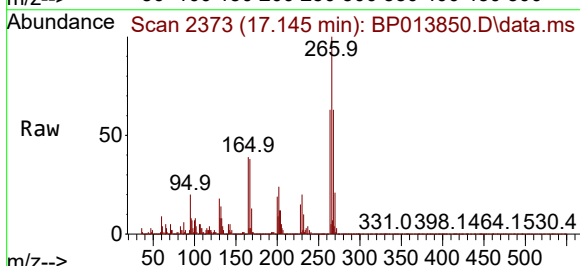
Tgt Ion:266 Resp: 607351

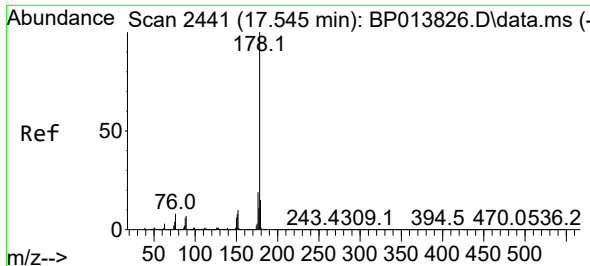
Ion Ratio Lower Upper

266 100

268 63.2 50.9 76.3

264 63.3 49.4 74.0

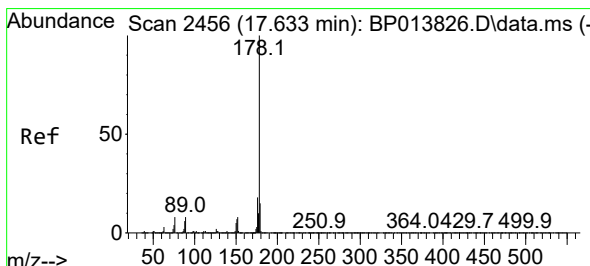
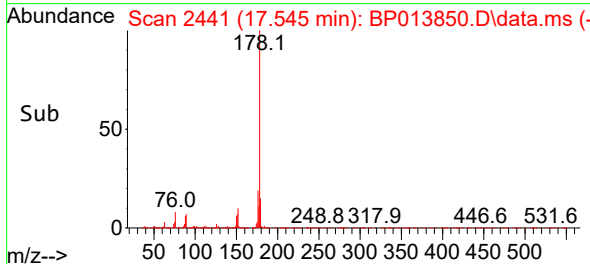
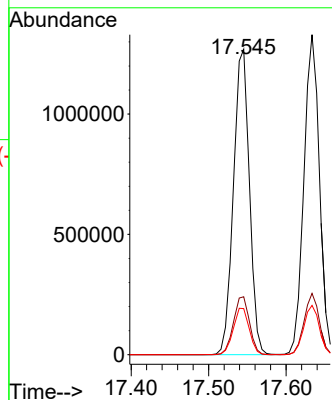
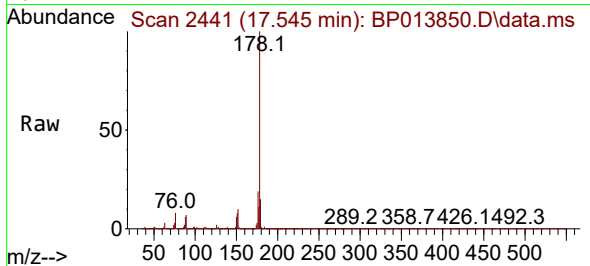




#71
Phenanthrene
Concen: 45.575 ng
RT: 17.545 min Scan# 2441
Delta R.T. 0.000 min
Lab File: BP013850.D
Acq: 17 Feb 2023 17:58

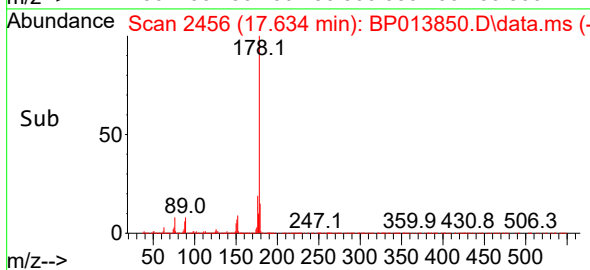
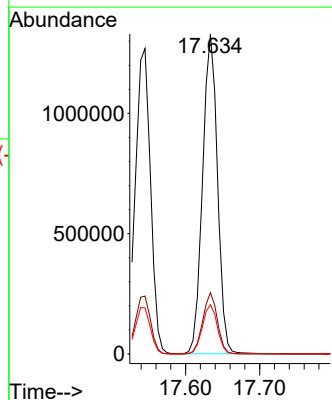
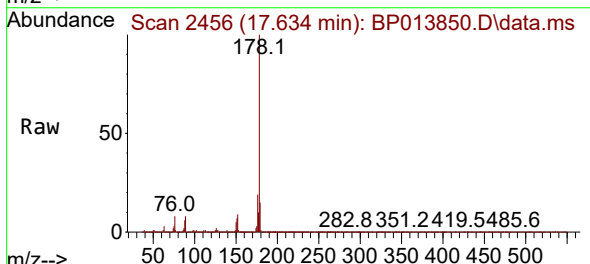
Instrument :
BNA_P
ClientSampleId :
MH-CMS

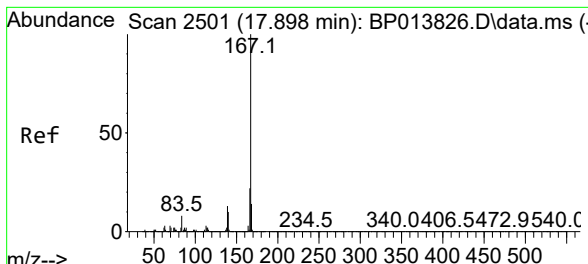
Tgt Ion:178 Resp: 1821335
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.1 12.2 18.4



#72
Anthracene
Concen: 46.413 ng
RT: 17.634 min Scan# 2456
Delta R.T. 0.000 min
Lab File: BP013850.D
Acq: 17 Feb 2023 17:58

Tgt Ion:178 Resp: 1854613
Ion Ratio Lower Upper
178 100
176 19.1 14.7 22.1
179 15.4 12.4 18.6



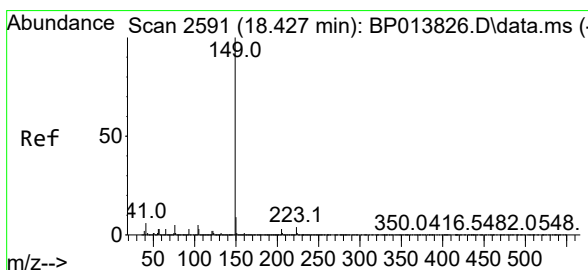
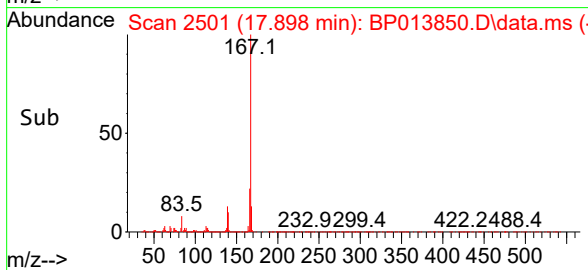
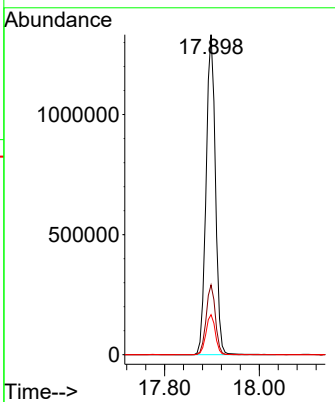
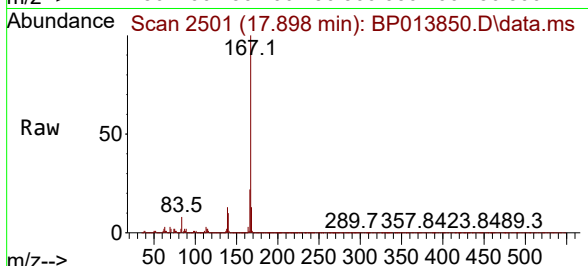


#73
 Carbazole
 Concen: 50.590 ng
 RT: 17.898 min Scan# 2501
 Delta R.T. 0.000 min
 Lab File: BP013850.D
 Acq: 17 Feb 2023 17:58

Instrument :
 BNA_P
 ClientSampleId :
 MH-CMS

Tgt Ion:167 Resp: 1819921

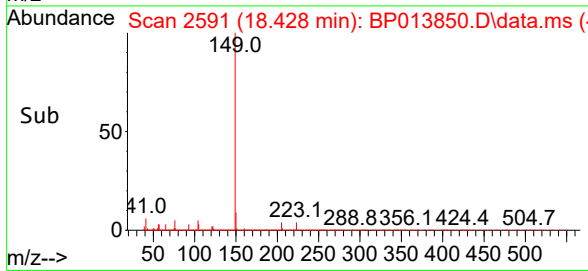
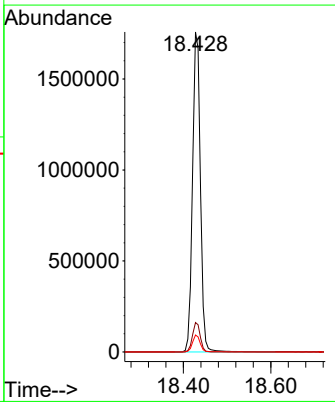
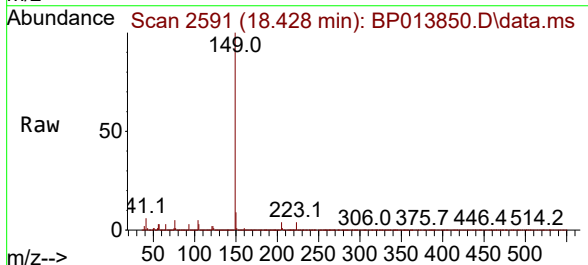
Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.7	26.5
139	12.5	10.2	15.2

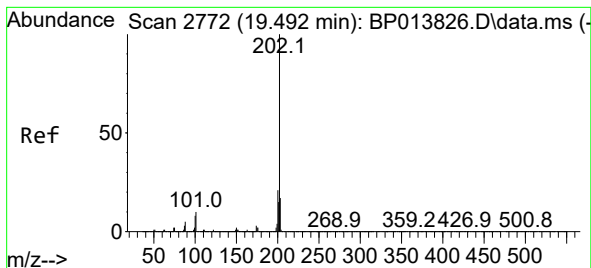


#74
 Di-n-butylphthalate
 Concen: 52.140 ng
 RT: 18.428 min Scan# 2591
 Delta R.T. 0.000 min
 Lab File: BP013850.D
 Acq: 17 Feb 2023 17:58

Tgt Ion:149 Resp: 2197622

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.5	11.3
104	5.3	4.1	6.1





#75

Fluoranthene

Concen: 50.236 ng

RT: 19.492 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP013850.D

Acq: 17 Feb 2023 17:58

Instrument :

BNA_P

ClientSampleId :

MH-CMS

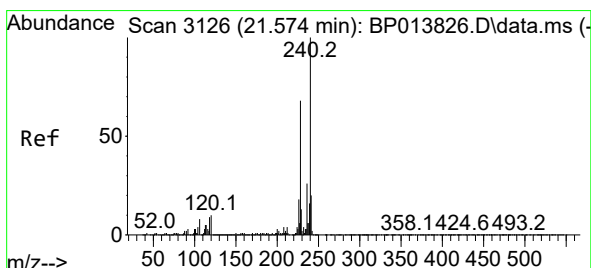
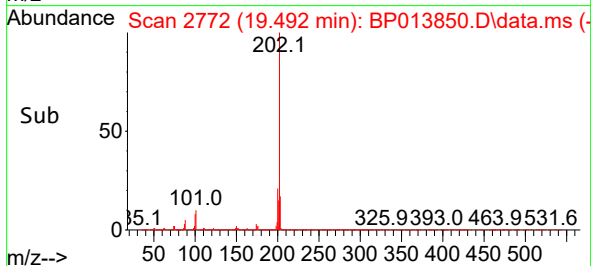
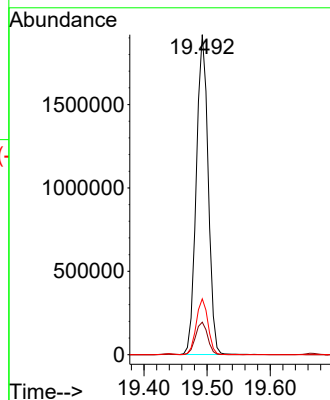
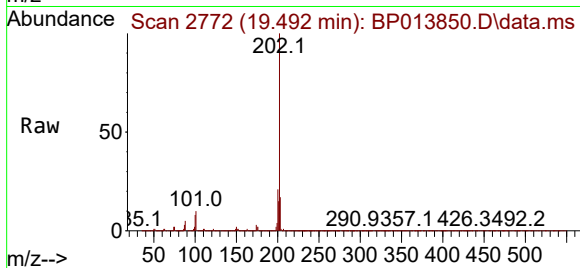
Tgt Ion:202 Resp: 2502678

Ion Ratio Lower Upper

202 100

101 10.2 0.0 30.0

203 17.5 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.580 min Scan# 3127

Delta R.T. 0.006 min

Lab File: BP013850.D

Acq: 17 Feb 2023 17:58

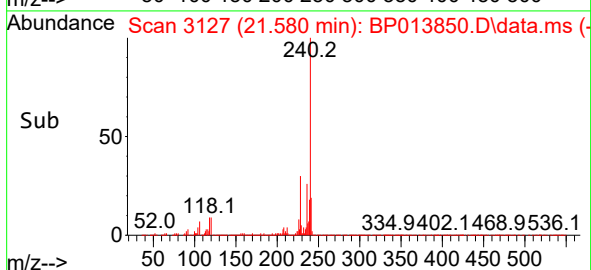
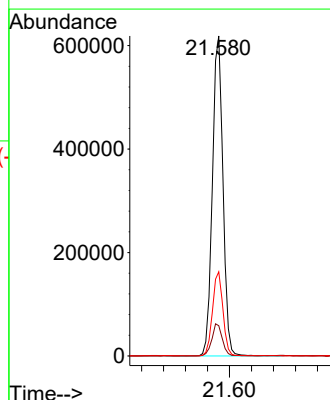
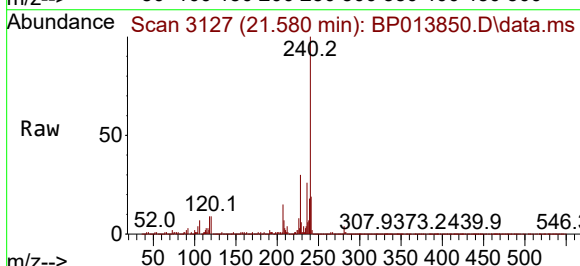
Tgt Ion:240 Resp: 825060

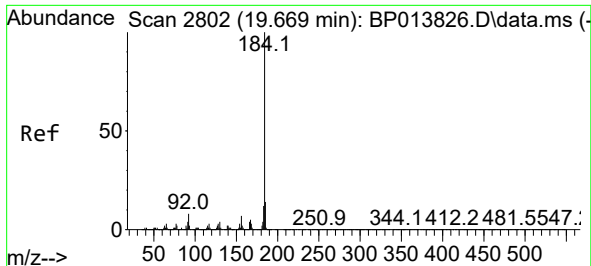
Ion Ratio Lower Upper

240 100

120 9.5 7.9 11.9

236 26.3 20.9 31.3

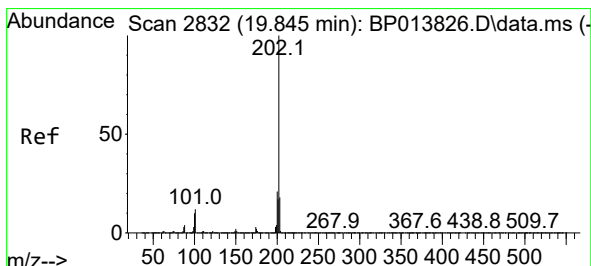
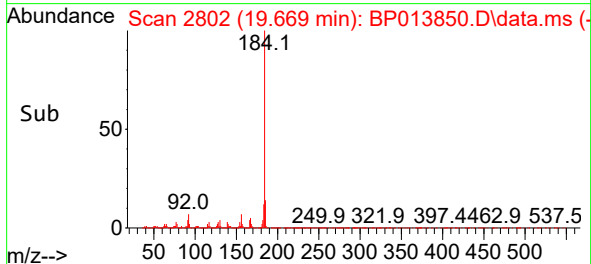
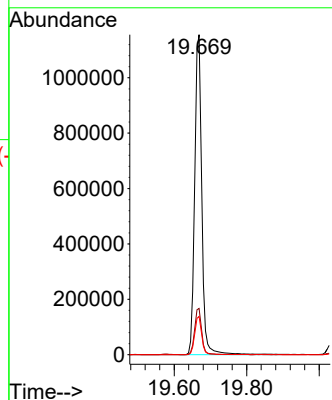
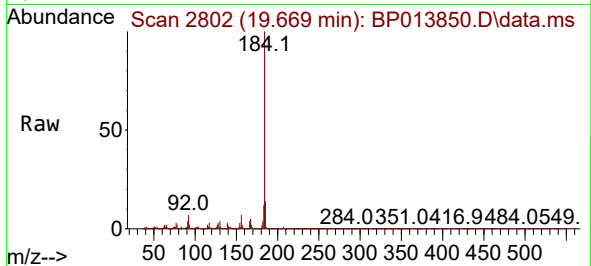




#77
Benzidine
Concen: 90.817 ng
RT: 19.669 min Scan# 2802
Delta R.T. -0.000 min
Lab File: BP013850.D
Acq: 17 Feb 2023 17:58

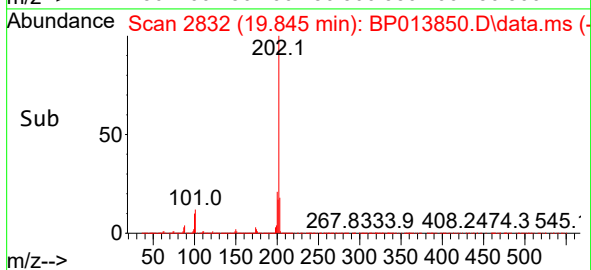
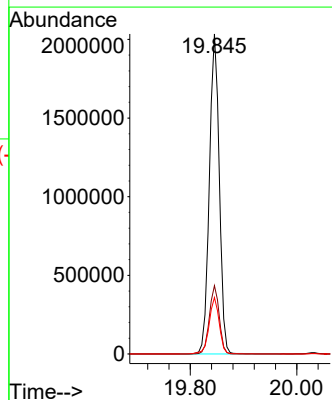
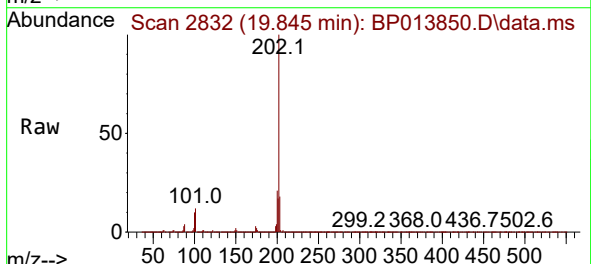
Instrument :
BNA_P
ClientSampleId :
MH-CMS

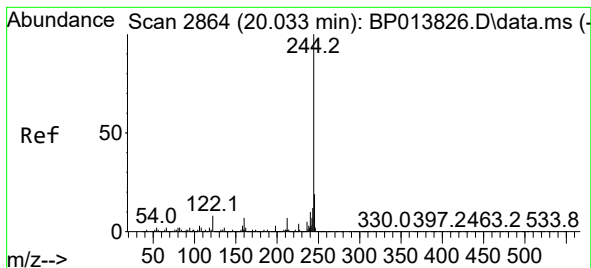
Tgt Ion:184 Resp: 1567315
Ion Ratio Lower Upper
184 100
185 14.4 11.4 17.0
183 12.0 9.6 14.4



#78
Pyrene
Concen: 46.511 ng
RT: 19.845 min Scan# 2832
Delta R.T. 0.000 min
Lab File: BP013850.D
Acq: 17 Feb 2023 17:58

Tgt Ion:202 Resp: 2622371
Ion Ratio Lower Upper
202 100
200 21.3 16.9 25.3
203 17.6 14.2 21.2





#79

Terphenyl-d14

Concen: 68.601 ng

RT: 20.033 min Scan# 2864

Delta R.T. 0.000 min

Lab File: BP013850.D

Acq: 17 Feb 2023 17:58

Instrument :

BNA_P

ClientSampleId :

MH-CMS

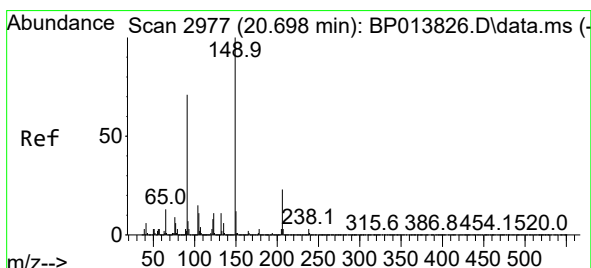
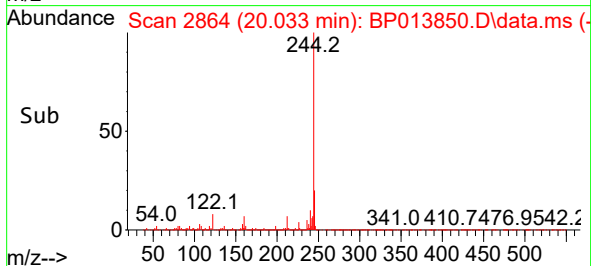
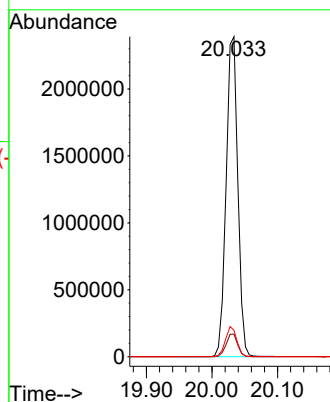
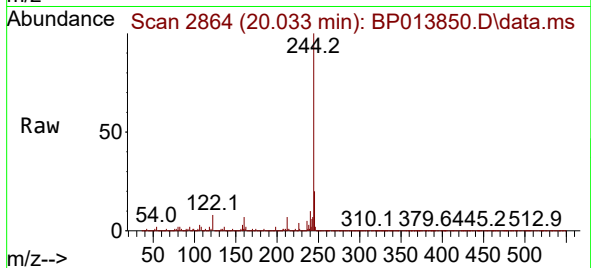
Tgt Ion:244 Resp: 2941781

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

122 8.3 6.7 10.1



#80

Butylbenzylphthalate

Concen: 49.446 ng

RT: 20.698 min Scan# 2977

Delta R.T. 0.000 min

Lab File: BP013850.D

Acq: 17 Feb 2023 17:58

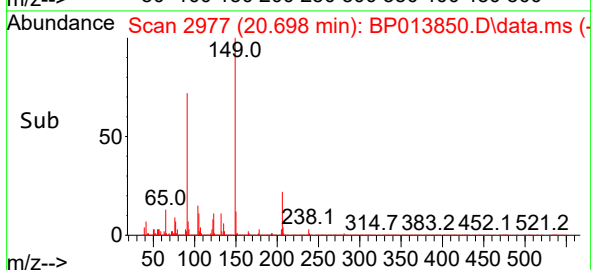
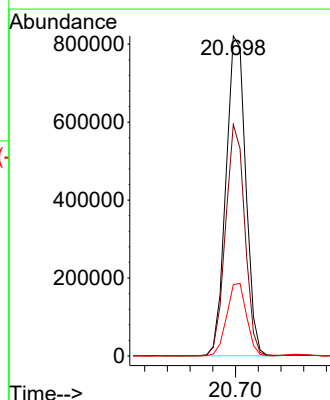
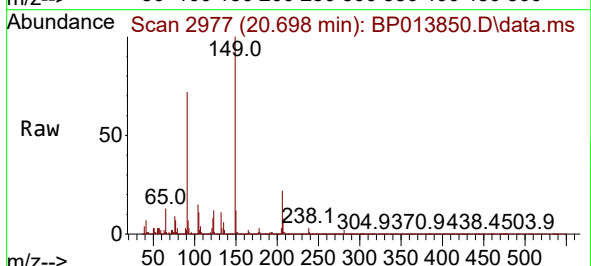
Tgt Ion:149 Resp: 990859

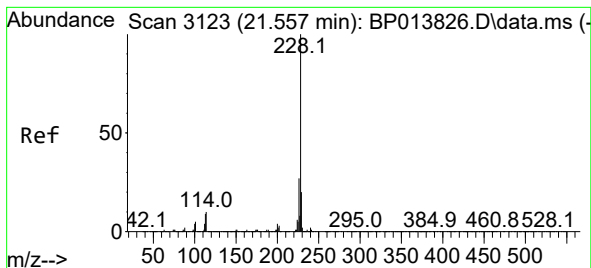
Ion Ratio Lower Upper

149 100

91 72.4 56.8 85.2

206 22.3 18.1 27.1





#81

Benzo(a)anthracene

Concen: 46.638 ng

RT: 21.563 min Scan# 3112

Delta R.T. 0.006 min

Lab File: BP013850.D

Acq: 17 Feb 2023 17:58

Instrument :

BNA_P

ClientSampleId :

MH-CMS

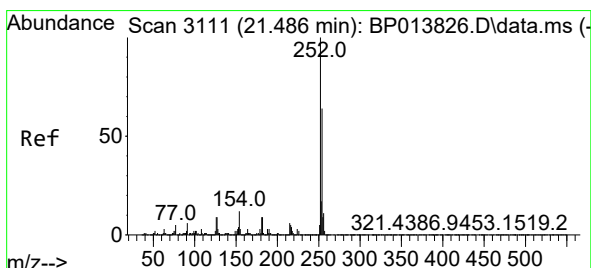
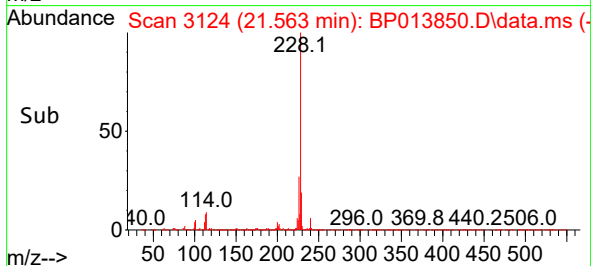
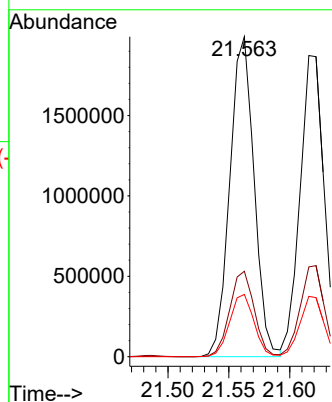
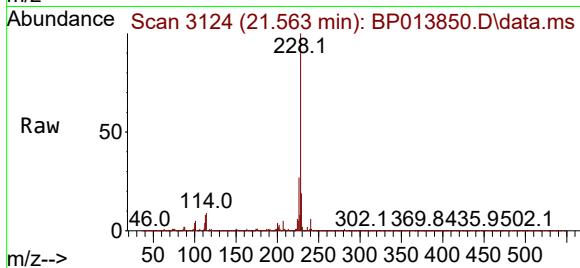
Tgt Ion:228 Resp: 2755471

Ion Ratio Lower Upper

228 100

226 26.7 21.7 32.5

229 19.5 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 31.337 ng

RT: 21.486 min Scan# 3111

Delta R.T. 0.000 min

Lab File: BP013850.D

Acq: 17 Feb 2023 17:58

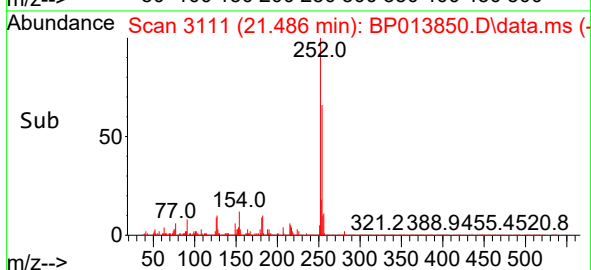
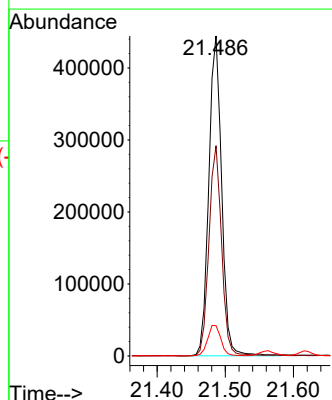
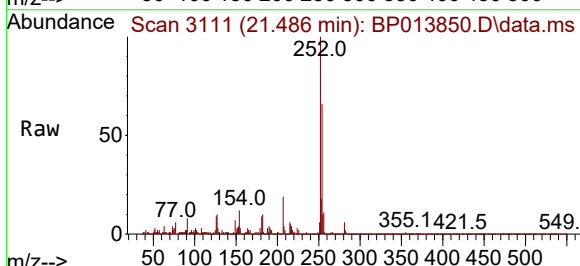
Tgt Ion:252 Resp: 582492

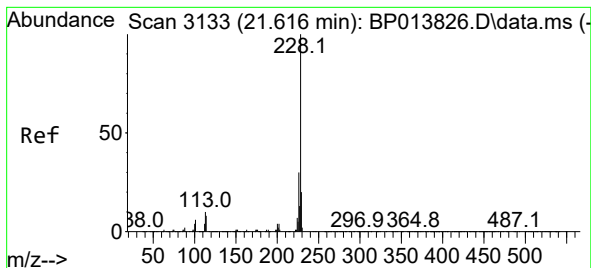
Ion Ratio Lower Upper

252 100

254 65.7 51.4 77.0

126 9.5 7.4 11.0





#83

Chrysene

Concen: 44.829 ng

RT: 21.616 min Scan# 3133

Delta R.T. 0.000 min

Lab File: BP013850.D

Acq: 17 Feb 2023 17:58

Instrument :

BNA_P

ClientSampleId :

MH-CMS

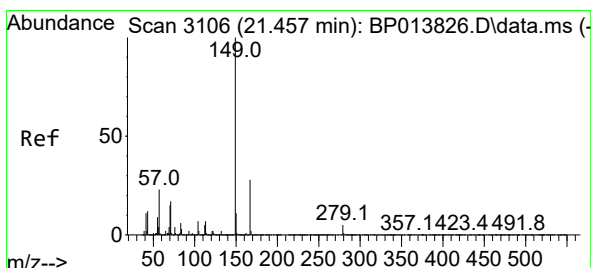
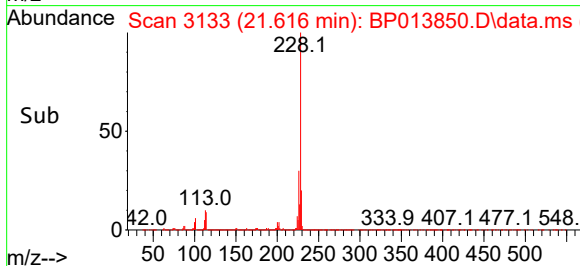
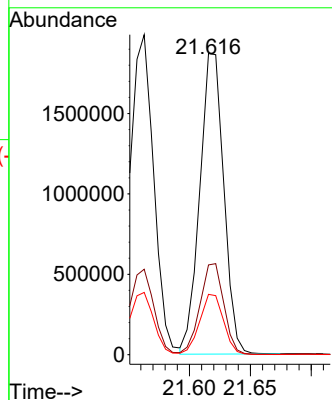
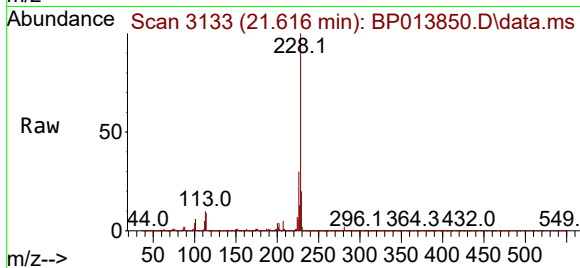
Tgt Ion:228 Resp: 2565836

Ion Ratio Lower Upper

228 100

226 29.8 23.8 35.8

229 20.1 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.464 ng

RT: 21.457 min Scan# 3106

Delta R.T. 0.000 min

Lab File: BP013850.D

Acq: 17 Feb 2023 17:58

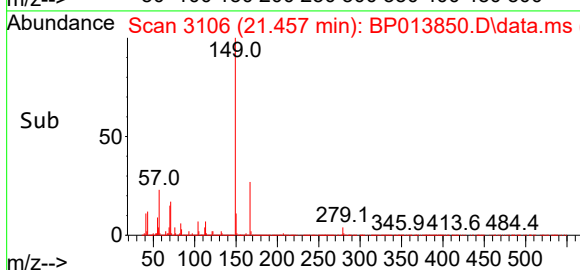
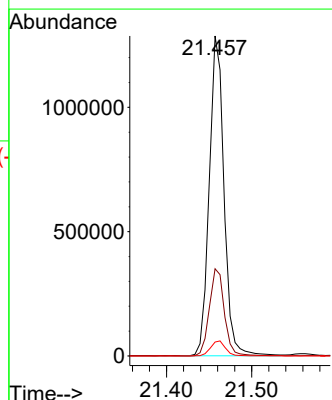
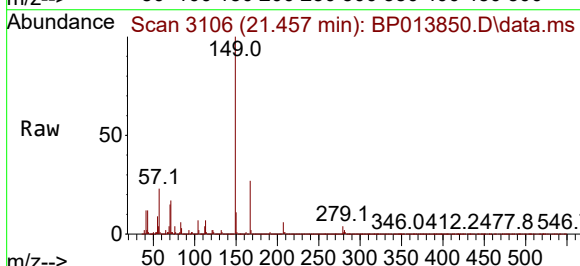
Tgt Ion:149 Resp: 1545394

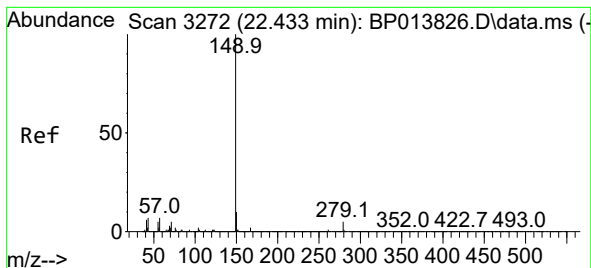
Ion Ratio Lower Upper

149 100

167 27.3 22.1 33.1

279 4.4 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 48.500 ng

RT: 22.433 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP013850.D

Acq: 17 Feb 2023 17:58

Instrument :

BNA_P

ClientSampleId :

MH-CMS

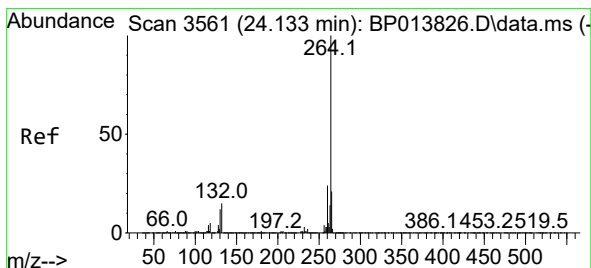
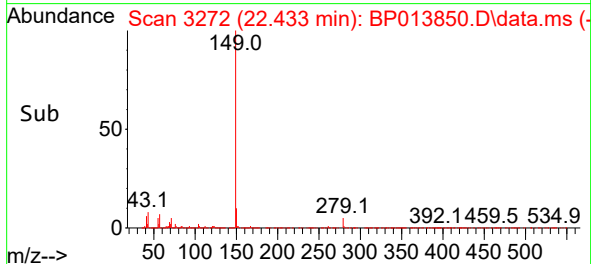
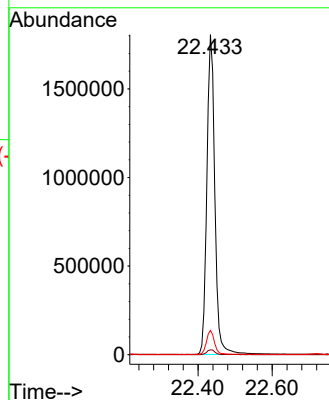
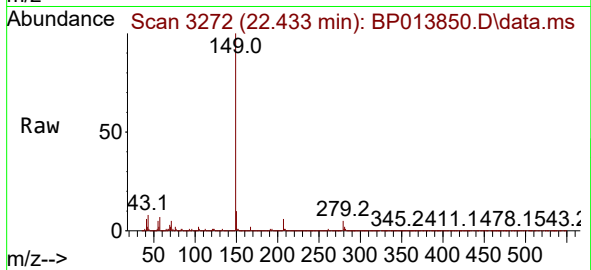
Tgt Ion:149 Resp: 2700085

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.7 6.1 9.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.133 min Scan# 3561

Delta R.T. 0.000 min

Lab File: BP013850.D

Acq: 17 Feb 2023 17:58

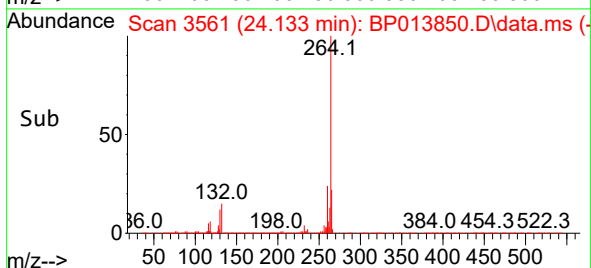
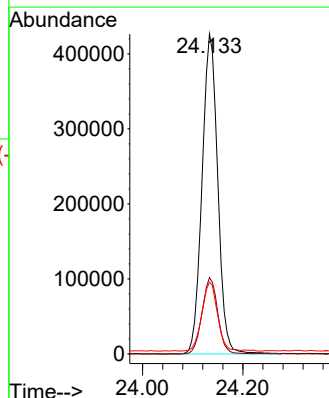
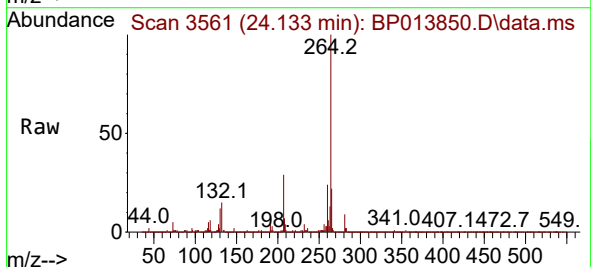
Tgt Ion:264 Resp: 929001

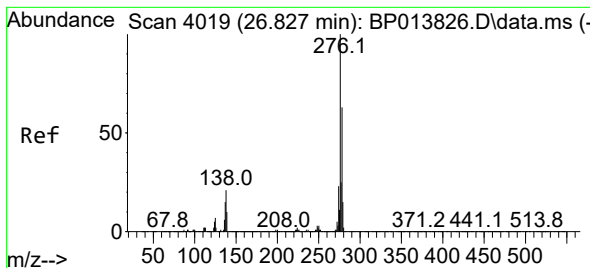
Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.0

265 22.5 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.836 ng

RT: 26.833 min Scan# 4019

Delta R.T. 0.006 min

Lab File: BP013850.D

Acq: 17 Feb 2023 17:58

Instrument :

BNA_P

ClientSampleId :

MH-CMS

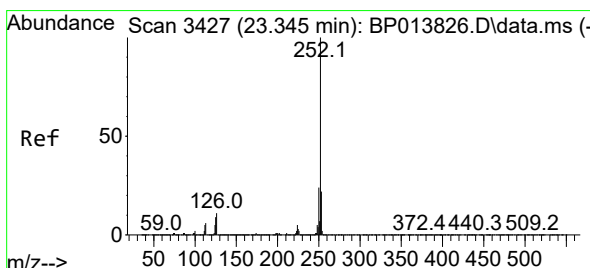
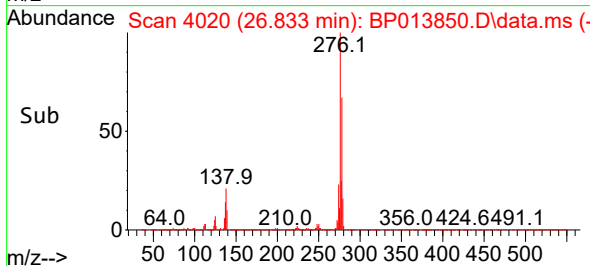
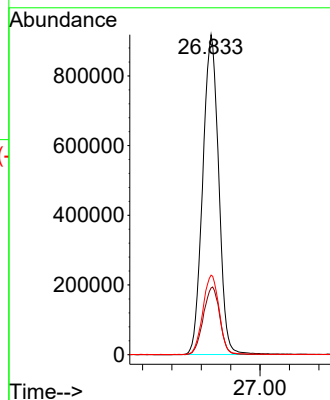
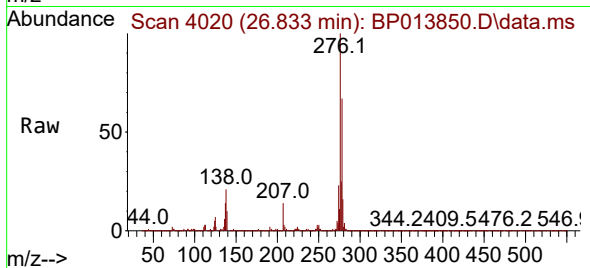
Tgt Ion:276 Resp: 3457032

Ion Ratio Lower Upper

276 100

138 21.8 17.8 26.8

277 25.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 49.644 ng

RT: 23.351 min Scan# 3428

Delta R.T. 0.006 min

Lab File: BP013850.D

Acq: 17 Feb 2023 17:58

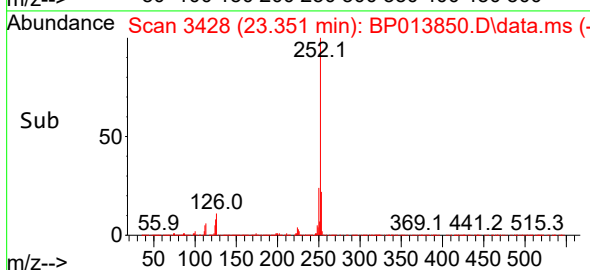
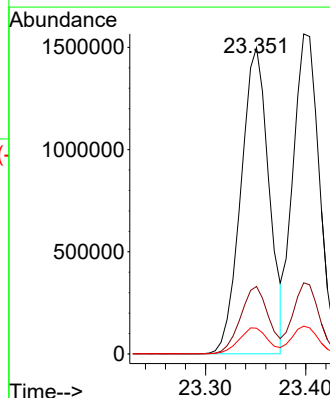
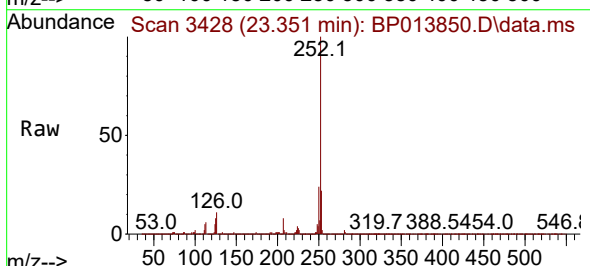
Tgt Ion:252 Resp: 2916816

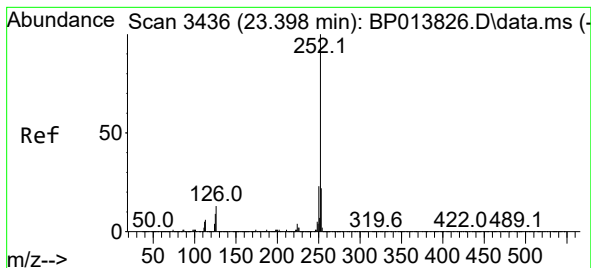
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

125 8.4 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 47.879 ng

RT: 23.398 min Scan# 3436

Delta R.T. 0.000 min

Lab File: BP013850.D

Acq: 17 Feb 2023 17:58

Instrument :

BNA_P

ClientSampleId :

MH-CMS

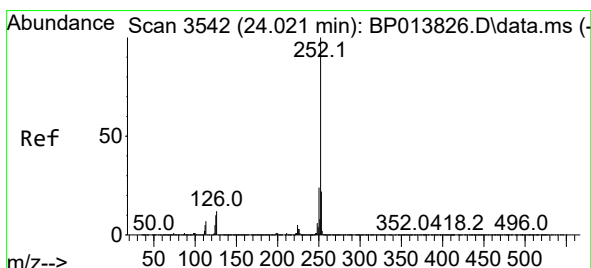
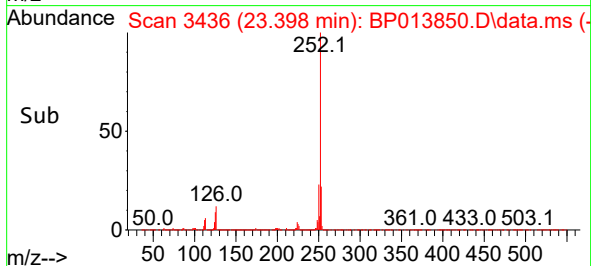
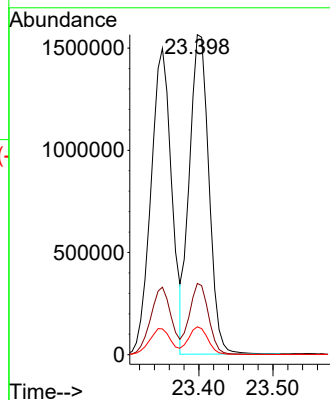
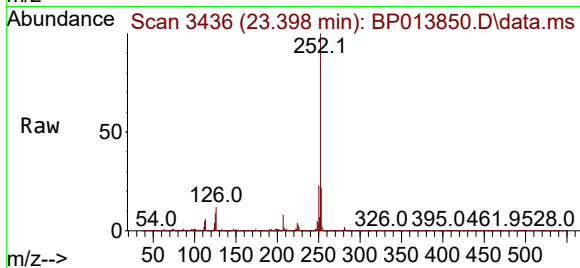
Tgt Ion:252 Resp: 2855538

Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

125 8.7 7.0 10.4



#90

Benzo(a)pyrene

Concen: 45.024 ng

RT: 24.021 min Scan# 3542

Delta R.T. 0.000 min

Lab File: BP013850.D

Acq: 17 Feb 2023 17:58

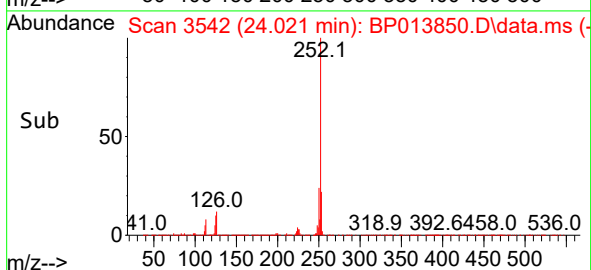
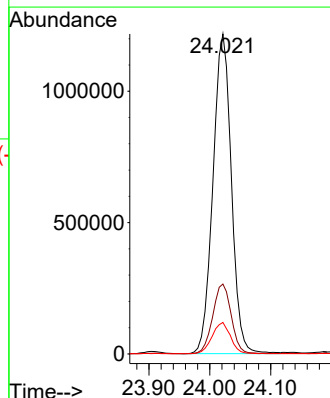
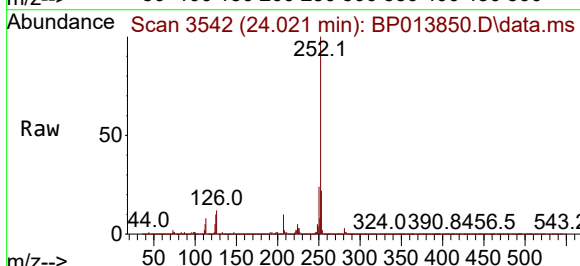
Tgt Ion:252 Resp: 2557467

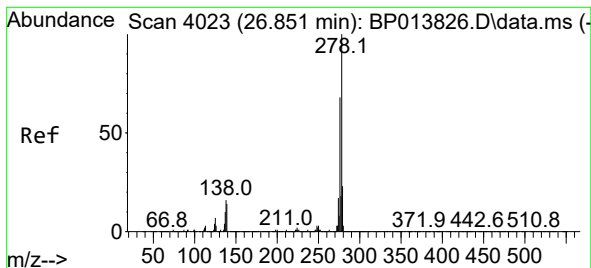
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 9.8 7.7 11.5





#91

Dibenzo(a,h)anthracene

Concen: 47.316 ng

RT: 26.851 min Scan# 4023

Delta R.T. 0.000 min

Lab File: BP013850.D

Acq: 17 Feb 2023 17:58

Instrument :

BNA_P

ClientSampleId :

MH-CMS

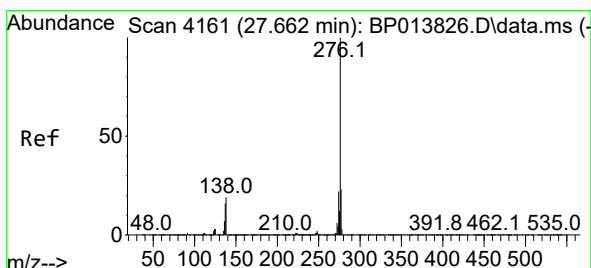
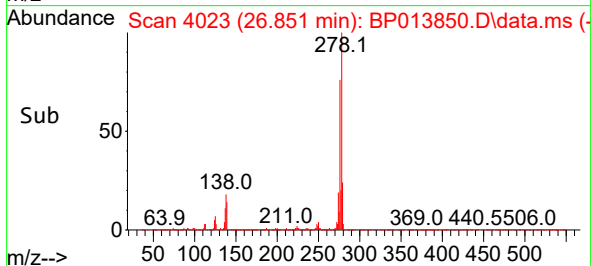
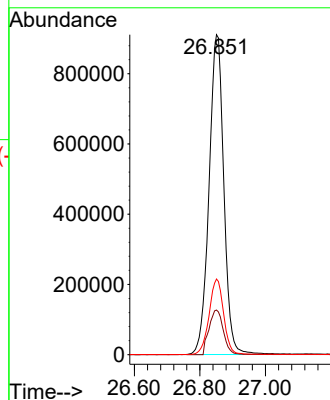
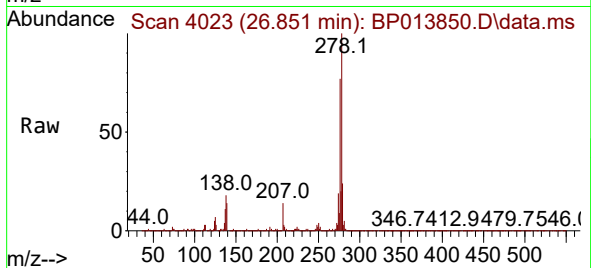
Tgt Ion:278 Resp: 2864952

Ion Ratio Lower Upper

278 100

139 13.9 11.0 16.6

279 23.6 18.6 27.8



#92

Benzo(g,h,i)perylene

Concen: 47.650 ng

RT: 27.668 min Scan# 4162

Delta R.T. 0.006 min

Lab File: BP013850.D

Acq: 17 Feb 2023 17:58

Tgt Ion:276 Resp: 2852936

Ion Ratio Lower Upper

276 100

277 23.6 18.7 28.1

138 18.9 15.5 23.3

