

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
 Data File : BP013539.D
 Acq On : 19 Jan 2023 01:03
 Operator : CG/JU
 Sample : 01146-20MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jan 19 01:51:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 18 01:06:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	567794	20.000	ng/u1	0.00
20) Naphthalene-d8	10.710	136	2160089	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.546	164	1156147	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.316	188	3650866	20.000	ng/u1	0.00
79) Chrysene-d12	21.392	240	2435518	20.000	ng/u1	0.00
88) Perylene-d12	23.845	264	2992182	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	43257	2.961	ng/uL	0.00
4) Pyridine-d5	3.723	84	295169	7.245	ng/u1	0.00
7) Phenol-d5	7.081	99	750648	15.932	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.228	67	543716	18.292	ng/u1	0.00
11) 2-Chlorophenol-d4	7.428	132	374152	10.649	ng/u1	0.00
15) 4-Methylphenol-d8	8.611	113	699932	19.499	ng/u1	0.00
21) Nitrobenzene-d5	9.069	128	350575	22.794	ng/u1	0.00
24) 2-Nitrophenol-d4	9.787	143	120148	7.136	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	252207	7.517	ng/u1	0.00
31) 4-Chloroaniline-d4	10.852	131	815328	17.249	ng/u1	0.00
46) Dimethylphthalate-d6	13.951	166	1849275	21.954	ng/u1	0.00
49) Acenaphthylene-d8	14.240	160	2215602	23.762	ng/u1	0.00
54) 4-Nitrophenol-d4	14.751	143	2813	0.182	ng/u1	0.00
60) Fluorene-d10	15.540	176	1594617	21.432	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.687	200	6268	0.271	ng/u1	0.02
73) Anthracene-d10	17.416	188	2383262	14.769	ng/u1	0.00
81) Pyrene-d10	19.645	212	3008233	22.702	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.686	264	3362283	22.876	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.329	88	100607	6.254	ng/uL	97
5) Pyridine	3.740	79	365892	8.881	ng/u1	99
6) Benzaldehyde	7.034	77	621351	34.577	ng/u1	96
8) Phenol	7.111	94	1051469	21.572	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.317	93	779651	20.228	ng/u1	99
12) 2-Chlorophenol	7.458	128	802705	21.930	ng/u1	98
13) 2-Methylphenol	8.352	108	755065	21.570	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.422	45	622530	10.467	ng/u1	99
16) Acetophenone	8.728	105	1260121	22.243	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.711	70	592902	21.890	ng/u1	98
18) 4-Methylphenol	8.675	108	825016	21.442	ng/u1	98
19) Hexachloroethane	8.975	117	326457	22.135	ng/u1	98
22) Nitrobenzene	9.111	77	907774	22.612	ng/u1	96
23) Isophorone	9.634	82	1640055	23.343	ng/u1	99
25) 2-Nitrophenol	9.822	139	468093	25.571	ng/u1	96
26) 2,4-Dimethylphenol	9.881	107	826551	21.644	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.116	93	1022536	22.024	ng/u1	99
29) 2,4-Dichlorophenol	10.358	162	793220	23.629	ng/u1	100
30) Naphthalene	10.758	128	2538726	22.093	ng/u1	99
32) 4-Chloroaniline	10.869	127	814727	17.143	ng/u1	99
33) Hexachlorobutadiene	11.034	225	566176	23.487	ng/u1	98
34) Caprolactam	11.657	113	211293	21.157	ng/u1	95
35) 4-Chloro-3-methylphenol	11.999	107	776776	23.976	ng/u1	99
36) 2-Methylnaphthalene	12.369	142	1651224	22.469	ng/u1	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
 Data File : BP013539.D
 Acq On : 19 Jan 2023 01:03
 Operator : CG/JU
 Sample : 01146-20MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

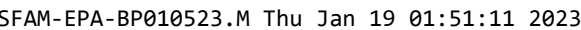
Instrument :
 BNA_P
 ClientSampleId :

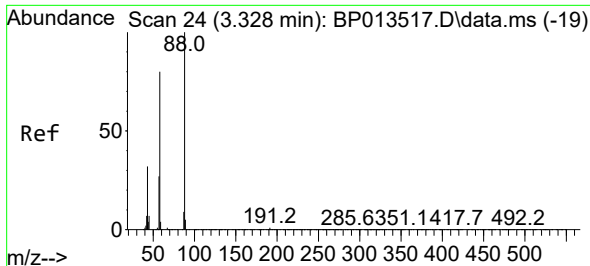
Quant Time: Jan 19 01:51:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 18 01:06:35 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.587	142	1679528	22.033	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.734	216	1000608	25.245	ng/ul	99
40) Hexachlorocyclopentadiene	12.710	237	510885	21.425	ng/ul	99
41) 2,4,6-Trichlorophenol	12.975	196	631465	27.083	ng/ul	98
42) 2,4,5-Trichlorophenol	13.052	196	661648	26.076	ng/ul	98
43) 1,1'-Biphenyl	13.375	154	2174648	24.775	ng/ul	100
44) 2-Chloronaphthalene	13.422	162	1713260	24.189	ng/ul	99
45) 2-Nitroaniline	13.628	65	473504	27.625	ng/ul	95
47) Dimethylphthalate	13.999	163	1987557	23.618	ng/ul	99
48) 2,6-Dinitrotoluene	14.122	165	399106	27.386	ng/ul	97
50) Acenaphthylene	14.263	152	2540175	24.720	ng/ul	100
51) 3-Nitroaniline	14.457	138	356389	23.089	ng/ul	97
52) Acenaphthene	14.604	153	1729033	23.509	ng/ul	100
53) 2,4-Dinitrophenol	14.669	184	214246	19.751	ng/ul#	82
55) 4-Nitrophenol	14.763	109	246977	21.075	ng/ul	95
56) Dibenzofuran	14.946	168	2415304	22.866	ng/ul	98
57) 2,4-Dinitrotoluene	14.916	165	555130	25.627	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.169	232	540338	24.412	ng/ul	99
59) Diethylphthalate	15.369	149	1844661	23.419	ng/ul	100
61) Fluorene	15.593	166	1967109	23.331	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.587	204	1016128	23.078	ng/ul	97
63) 4-Nitroaniline	15.622	138	392358	27.492	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.687	198	312685	13.684	ng/ul	96
67) N-Nitrosodiphenylamine	15.804	169	942079	9.541	ng/ul	100
68) 4-Bromophenyl-phenylether	16.487	248	620145	16.399	ng/ul	99
69) Hexachlorobenzene	16.604	284	716341	15.710	ng/ul	97
70) Atrazine	16.769	200	602415	15.959	ng/ul	99
71) Pentachlorophenol	16.951	266	364867	13.444	ng/ul	98
72) Phenanthrene	17.363	178	2871795	14.796	ng/ul	100
74) Anthracene	17.451	178	2969245	15.487	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.340	216	955072	17.323	ng/uL	99
76) Pentachlorobenzene	14.863	250	882828	16.446	ng/uL	99
77) Carbazole	17.716	167	2745484	16.533	ng/ul	99
78) Di-n-butylphthalate	18.269	149	3086493	18.952	ng/ul	99
80) Fluoranthene	19.322	202	3687505	24.313	ng/ul	99
82) Pyrene	19.669	202	3876312	24.121	ng/ul	98
83) Butylbenzylphthalate	20.533	149	1598619	32.783	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.322	252	196441	4.377	ng/ul#	93
85) Benzo(a)anthracene	21.375	228	3976401	24.654	ng/ul	99
87) Chrysene	21.433	228	3897931	24.795	ng/ul	99
89) Di-n-octyl phthalate	22.228	149	4190559	32.675	ng/ul	100
90) Benzo(b)fluoranthene	23.098	252	4478806	23.669	ng/ul	99
91) Benzo(k)fluoranthene	23.145	252	4338472	24.027	ng/ul	99
93) Benzo(a)pyrene	23.739	252	3975635	23.928	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.410	276	5458748	23.712	ng/ul	99
95) Dibenzo(a,h)anthracene	26.421	278	4556554	23.727	ng/ul	99
96) Benzo(g,h,i)perylene	27.192	276	3924193	20.724	ng/ul	100

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

Quant Time: Jan 19 01:51:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 18 01:06:35 2023
Response via : Initial Calibration

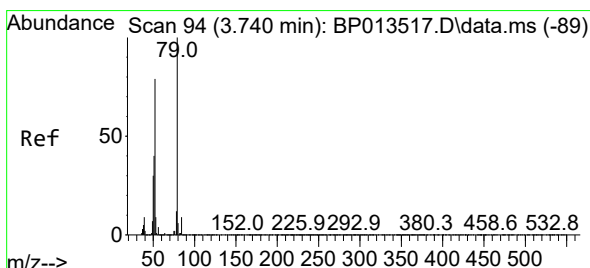
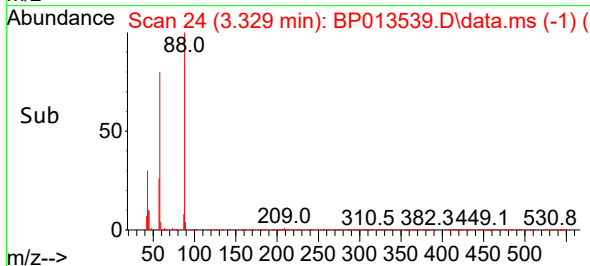
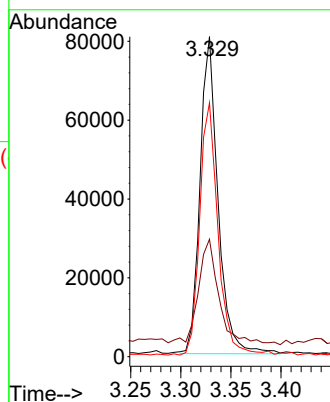
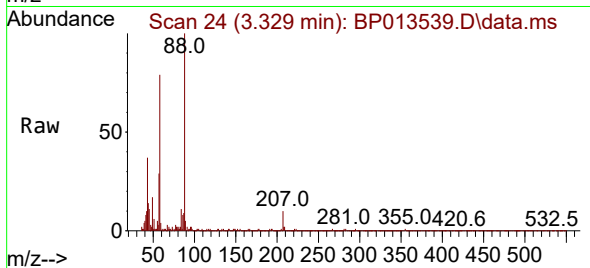




#2
1,4-Dioxane
Concen: 6.254 ng/uL
RT: 3.329 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP013539.D
Acq: 19 Jan 2023 01:03

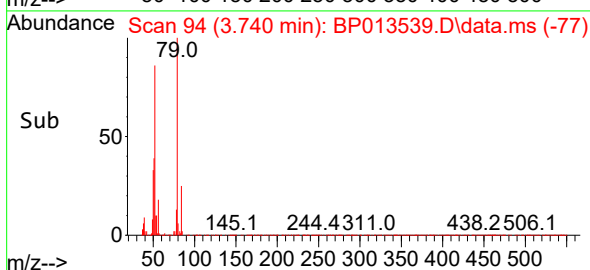
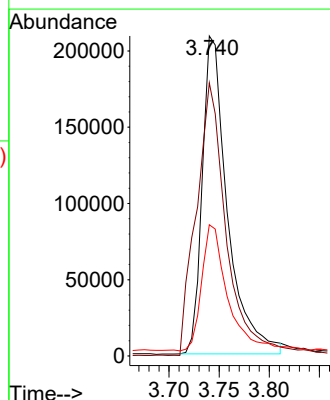
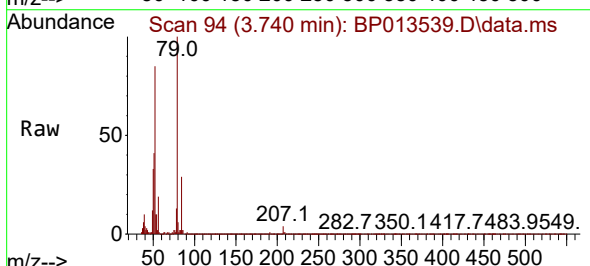
Instrument :
BNA_P
ClientSampleId :

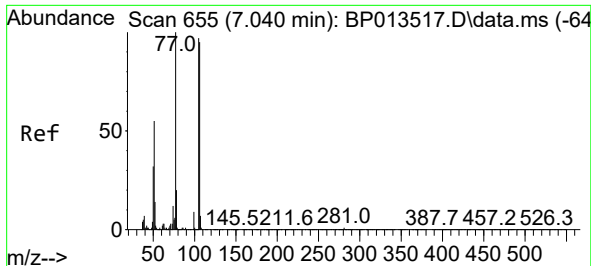
Tgt Ion: 88 Resp: 100607
Ion Ratio Lower Upper
88 100
43 36.7 26.6 40.0
58 79.3 64.7 97.1



#5
Pyridine
Concen: 8.881 ng/uL
RT: 3.740 min Scan# 94
Delta R.T. 0.000 min
Lab File: BP013539.D
Acq: 19 Jan 2023 01:03

Tgt Ion: 79 Resp: 365892
Ion Ratio Lower Upper
79 100
52 85.4 67.7 101.5
51 41.0 32.3 48.5

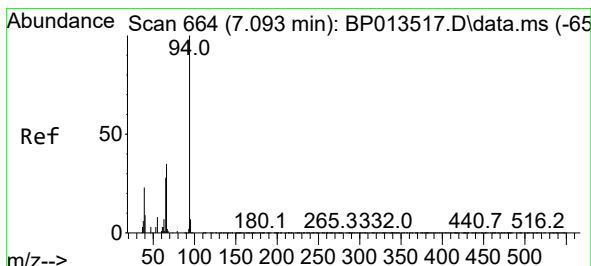
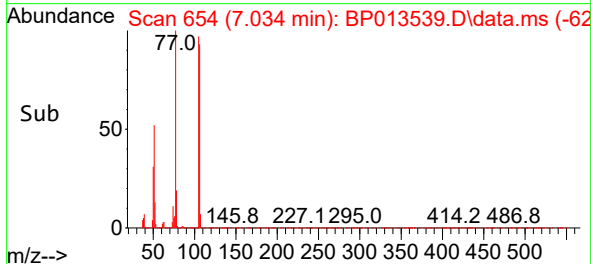
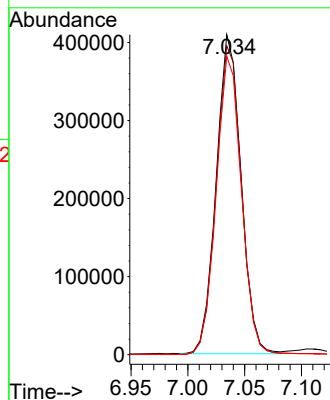
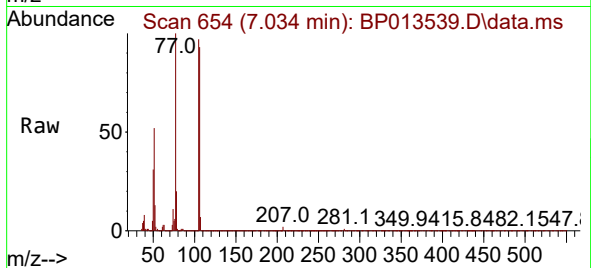




#6
Benzaldehyde
Concen: 34.577 ng/ul
RT: 7.034 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP013539.D
Acq: 19 Jan 2023 01:03

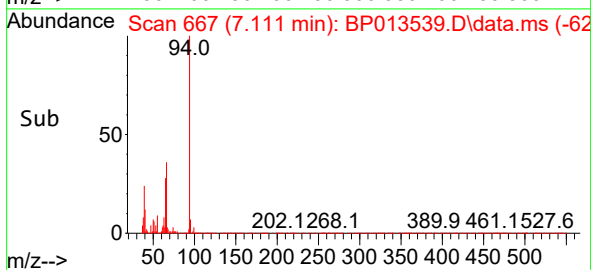
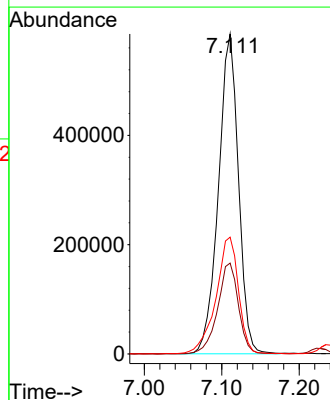
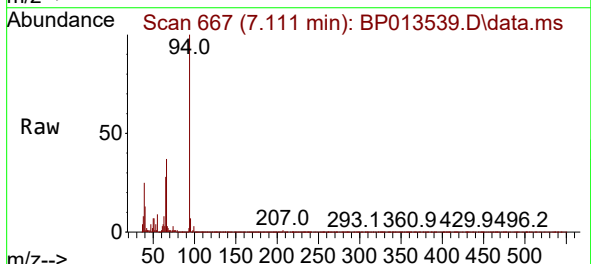
Instrument :
BNA_P
ClientSampleId :

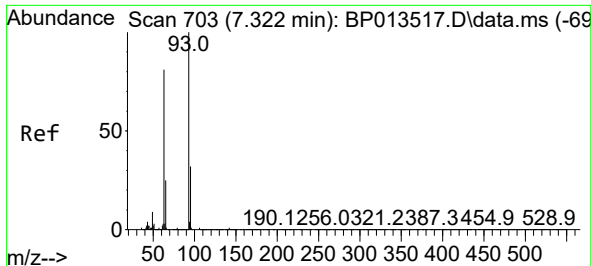
Tgt Ion: 77 Resp: 621351
Ion Ratio Lower Upper
77 100
105 96.5 75.4 113.0
106 93.2 69.8 104.8



#8
Phenol
Concen: 21.572 ng/ul
RT: 7.111 min Scan# 667
Delta R.T. 0.024 min
Lab File: BP013539.D
Acq: 19 Jan 2023 01:03

Tgt Ion: 94 Resp: 1051469
Ion Ratio Lower Upper
94 100
65 28.4 22.8 34.2
66 36.5 28.6 42.8

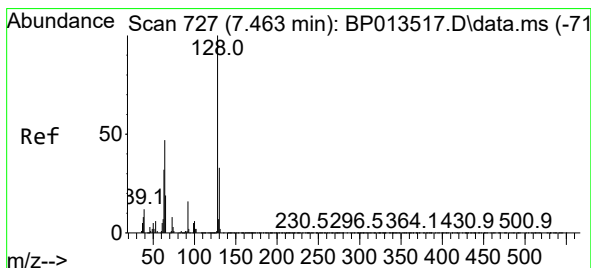
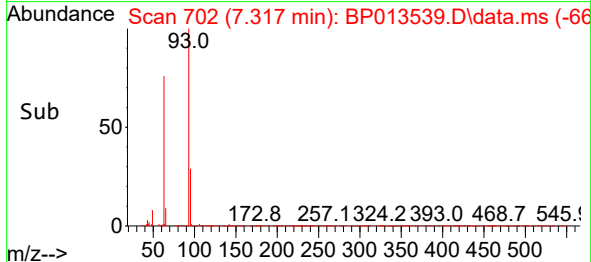
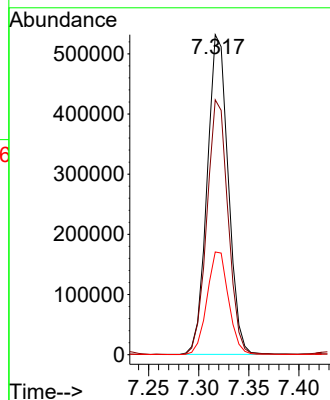
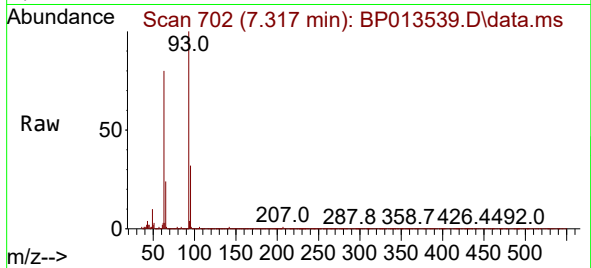




#10
Bis(2-Chloroethyl)ether
Concen: 20.228 ng/ul
RT: 7.317 min Scan# 701
Delta R.T. -0.006 min
Lab File: BP013539.D
Acq: 19 Jan 2023 01:03

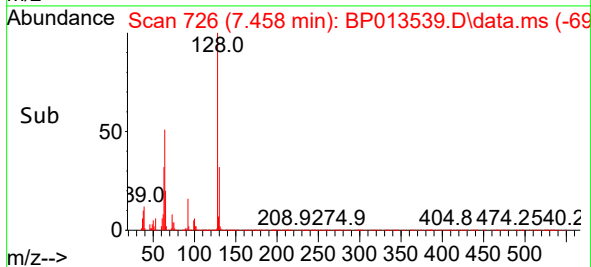
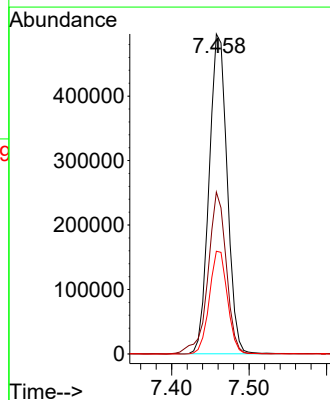
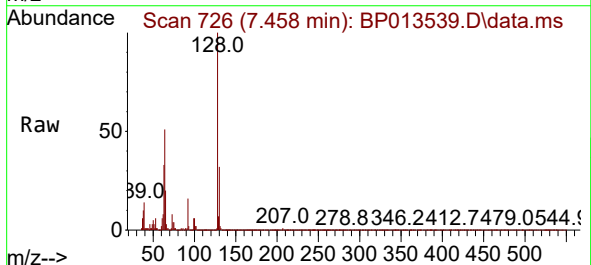
Instrument :
BNA_P
ClientSampleId :

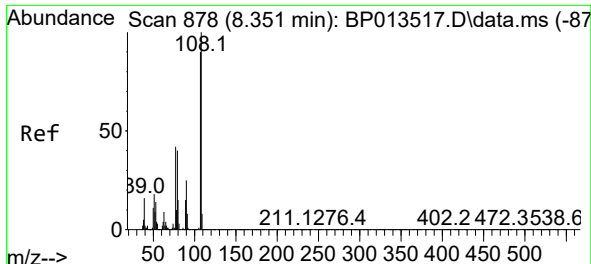
Tgt Ion: 93 Resp: 779651
Ion Ratio Lower Upper
93 100
63 79.7 64.7 97.1
95 32.1 25.7 38.5



#12
2-Chlorophenol
Concen: 21.930 ng/ul
RT: 7.458 min Scan# 726
Delta R.T. -0.006 min
Lab File: BP013539.D
Acq: 19 Jan 2023 01:03

Tgt Ion:128 Resp: 802705
Ion Ratio Lower Upper
128 100
64 50.6 41.4 62.2
130 32.1 24.9 37.3





#13

2-Methylphenol

Concen: 21.570 ng/ul

RT: 8.352 min Scan# 81

Delta R.T. 0.006 min

Lab File: BP013539.D

Acq: 19 Jan 2023 01:03

Instrument :

BNA_P

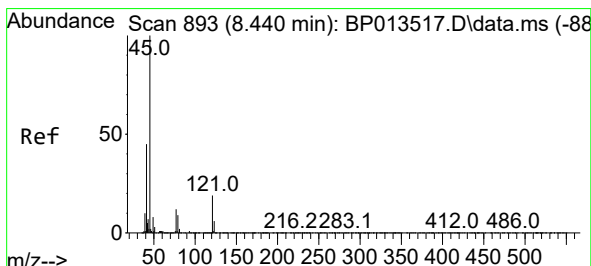
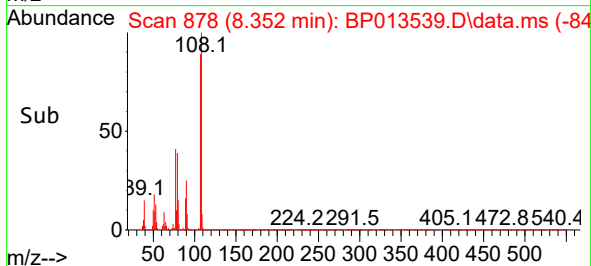
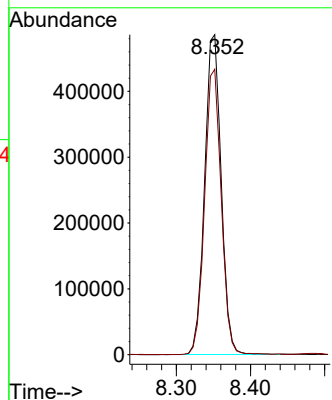
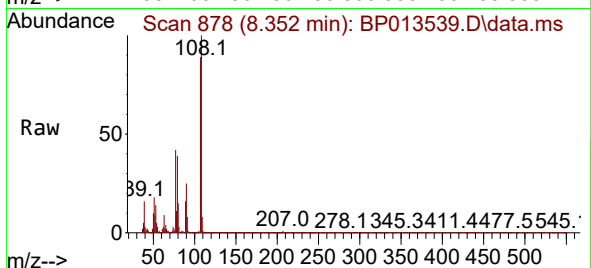
ClientSampleId :

Tgt Ion:108 Resp: 755065

Ion Ratio Lower Upper

108 100

107 89.2 69.4 104.0



#14

2,2'-oxybis(1-Chloropropane)

Concen: 10.467 ng/ul

RT: 8.422 min Scan# 890

Delta R.T. -0.012 min

Lab File: BP013539.D

Acq: 19 Jan 2023 01:03

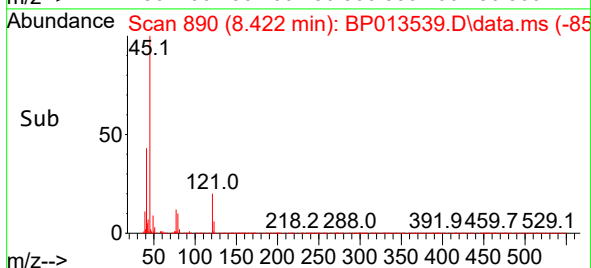
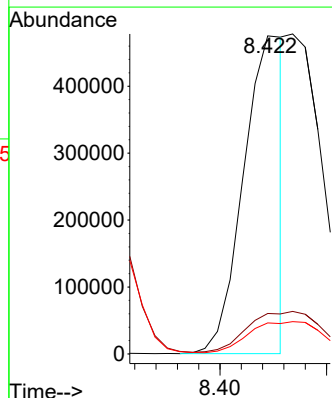
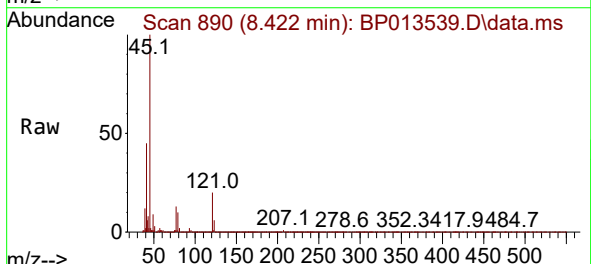
Tgt Ion: 45 Resp: 622530

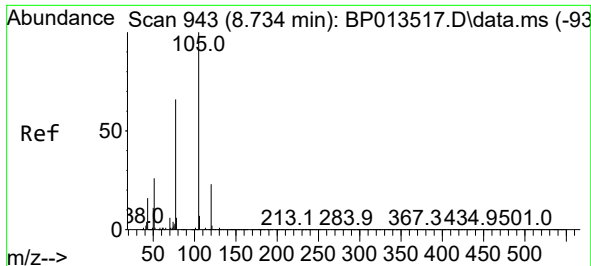
Ion Ratio Lower Upper

45 100

77 12.7 10.1 15.1

79 9.8 7.0 10.4

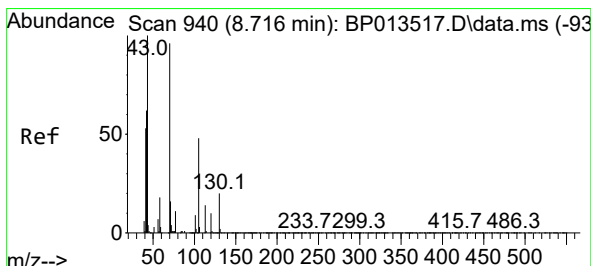
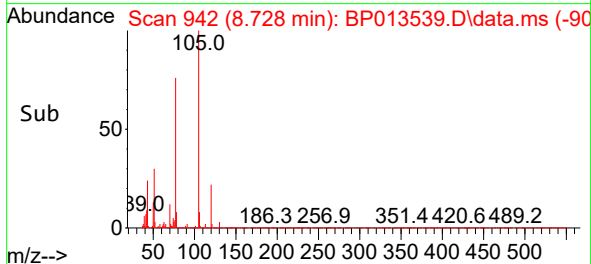
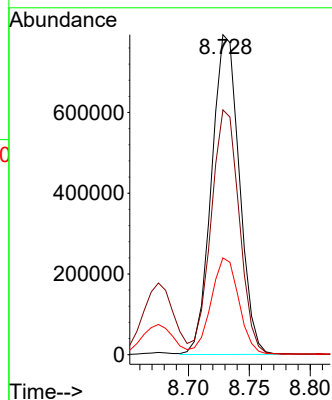
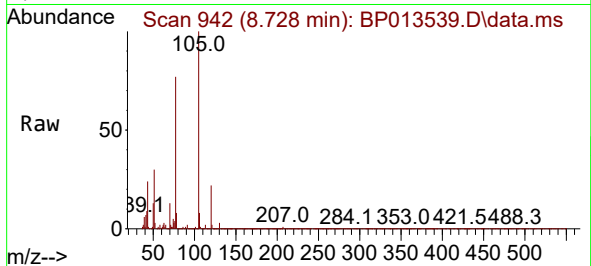




#16
Acetophenone
Concen: 22.243 ng/ul
RT: 8.728 min Scan# 943
Delta R.T. 0.000 min
Lab File: BP013539.D
Acq: 19 Jan 2023 01:03

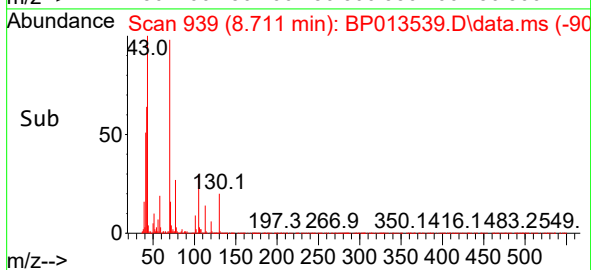
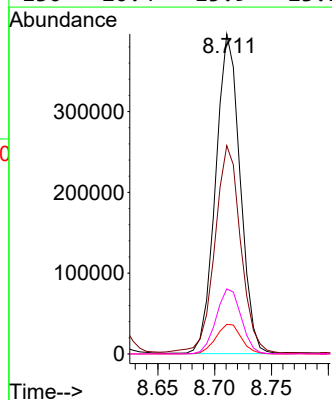
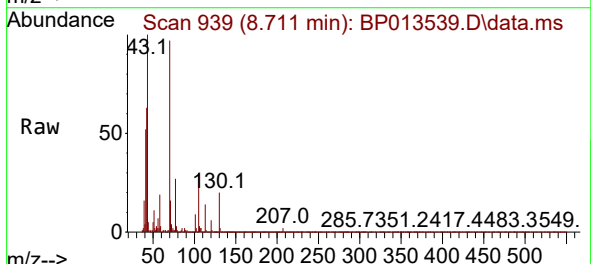
Instrument :
BNA_P
ClientSampleId :

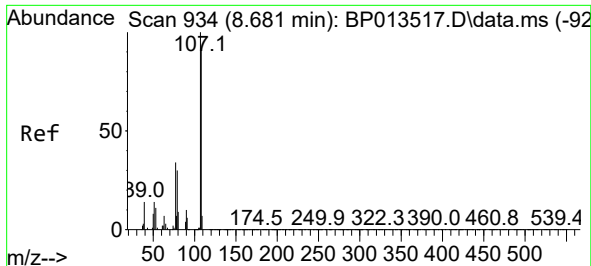
Tgt Ion:105 Resp: 1260121
Ion Ratio Lower Upper
105 100
77 76.5 62.5 93.7
51 30.2 24.7 37.1



#17
N-Nitroso-di-n-propylamine
Concen: 21.890 ng/ul
RT: 8.711 min Scan# 939
Delta R.T. 0.000 min
Lab File: BP013539.D
Acq: 19 Jan 2023 01:03

Tgt Ion: 70 Resp: 592902
Ion Ratio Lower Upper
70 100
42 65.1 53.6 80.4
101 9.2 8.0 12.0
130 20.4 15.9 23.9

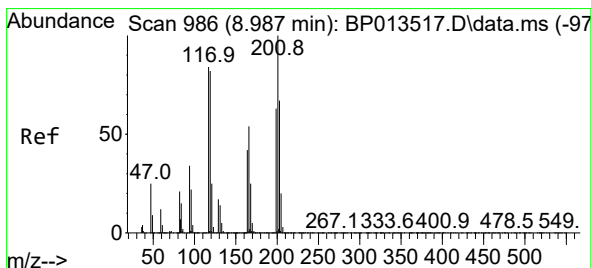
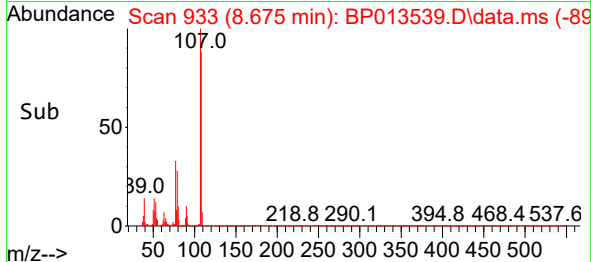
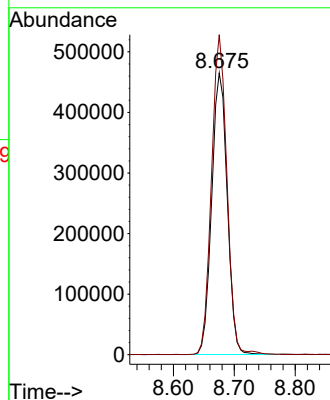
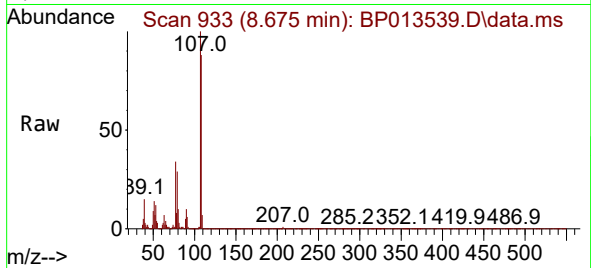




#18
4-Methylphenol
Concen: 21.442 ng/ul
RT: 8.675 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP013539.D
Acq: 19 Jan 2023 01:03

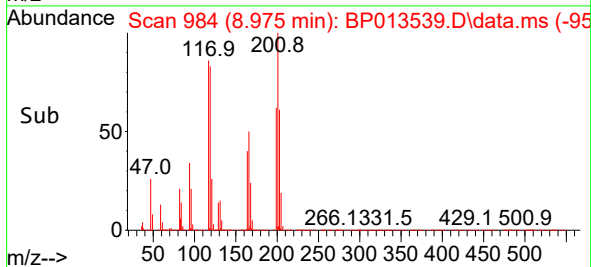
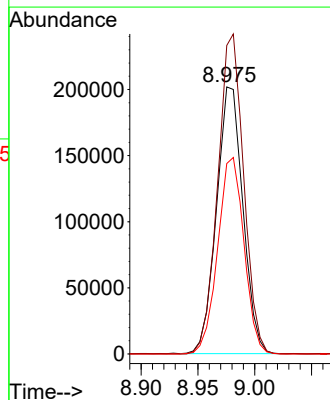
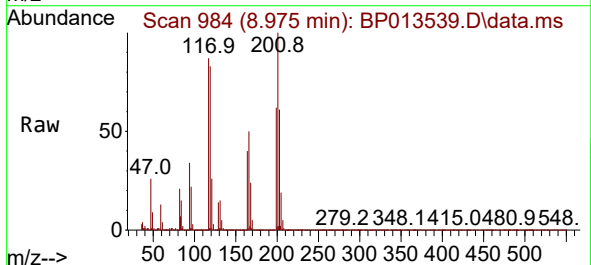
Instrument :
BNA_P
ClientSampleId :

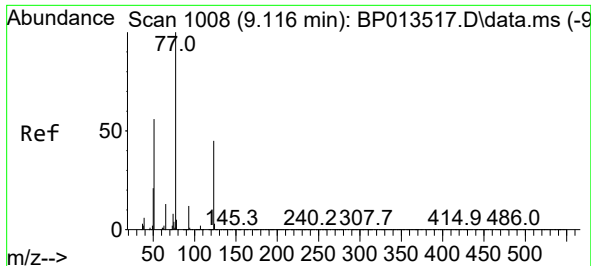
Tgt Ion:108 Resp: 825016
Ion Ratio Lower Upper
108 100
107 113.5 89.5 134.3



#19
Hexachloroethane
Concen: 22.135 ng/ul
RT: 8.975 min Scan# 984
Delta R.T. -0.006 min
Lab File: BP013539.D
Acq: 19 Jan 2023 01:03

Tgt Ion:117 Resp: 326457
Ion Ratio Lower Upper
117 100
201 115.5 90.6 136.0
199 71.3 58.7 88.1

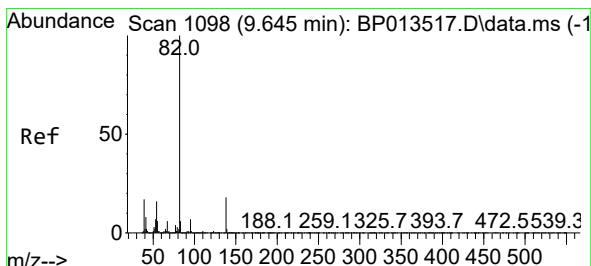
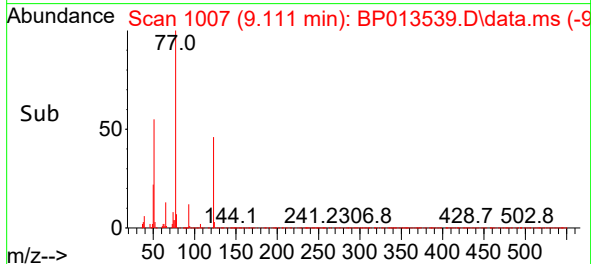
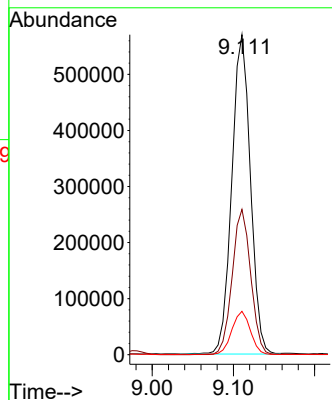
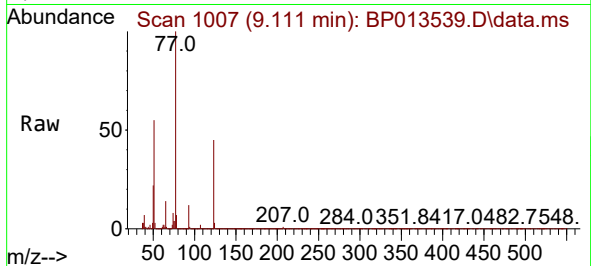




#22
Nitrobenzene
Concen: 22.612 ng/ul
RT: 9.111 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BP013539.D
Acq: 19 Jan 2023 01:03

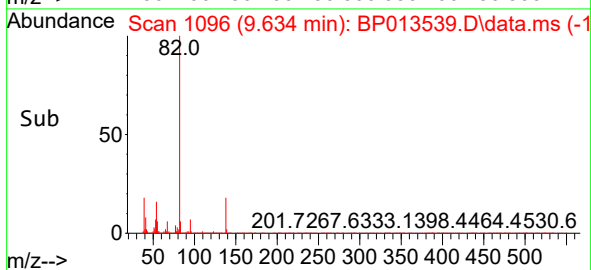
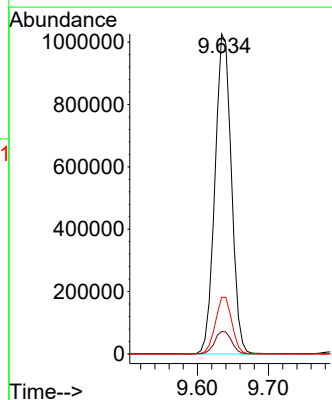
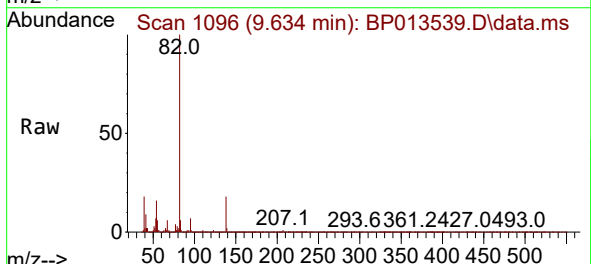
Instrument :
BNA_P
ClientSampleId :

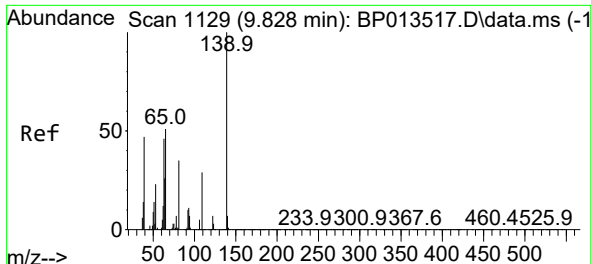
Tgt Ion: 77 Resp: 907774
Ion Ratio Lower Upper
77 100
123 45.4 33.7 50.5
65 13.6 11.0 16.4



#23
Isophorone
Concen: 23.343 ng/ul
RT: 9.634 min Scan# 1096
Delta R.T. -0.006 min
Lab File: BP013539.D
Acq: 19 Jan 2023 01:03

Tgt Ion: 82 Resp: 1640055
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.0
138 17.7 13.8 20.6

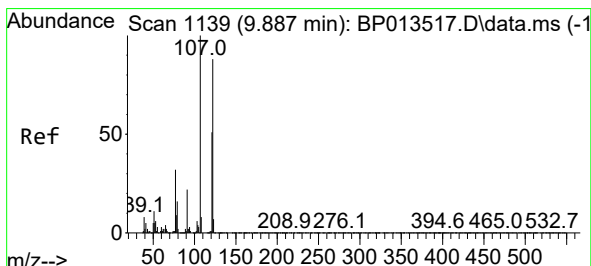
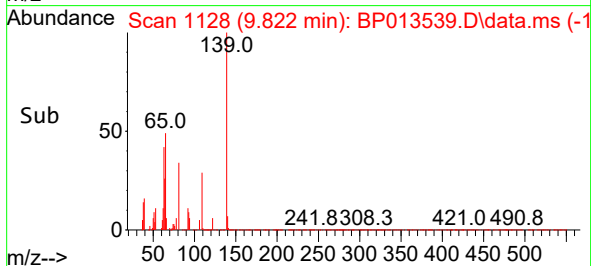
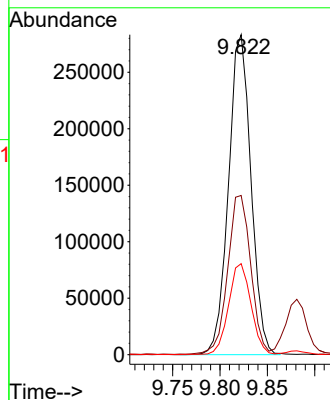
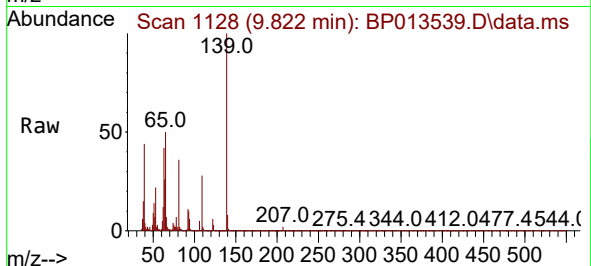




#25
2-Nitrophenol
Concen: 25.571 ng/ul
RT: 9.822 min Scan# 1129
Delta R.T. 0.000 min
Lab File: BP013539.D
Acq: 19 Jan 2023 01:03

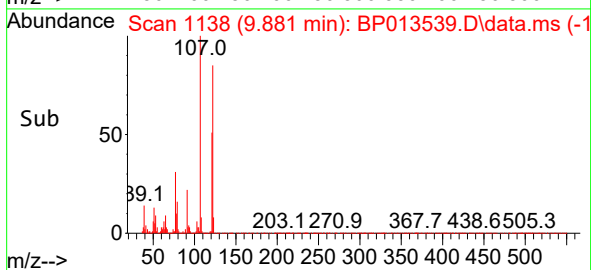
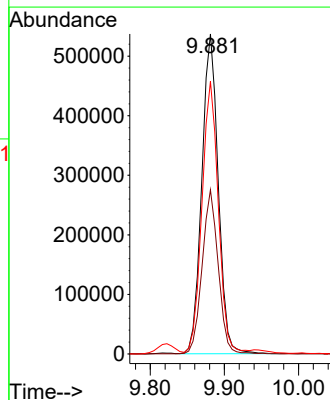
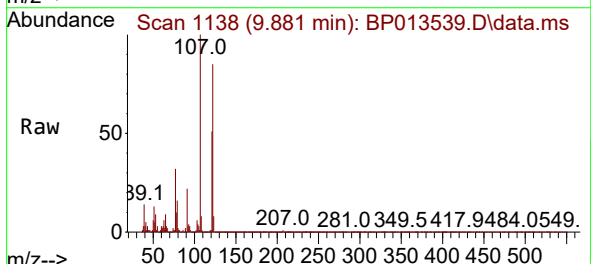
Instrument :
BNA_P
ClientSampleId :

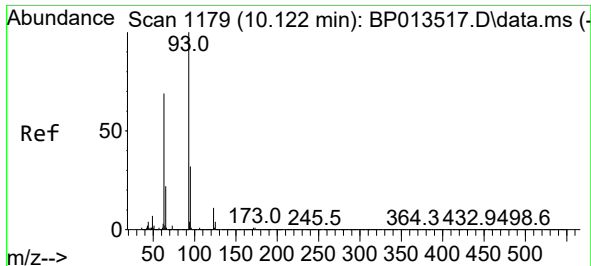
Tgt Ion:139 Resp: 468093
Ion Ratio Lower Upper
139 100
65 49.8 43.0 64.6
109 28.5 23.4 35.2



#26
2,4-Dimethylphenol
Concen: 21.644 ng/ul
RT: 9.881 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BP013539.D
Acq: 19 Jan 2023 01:03

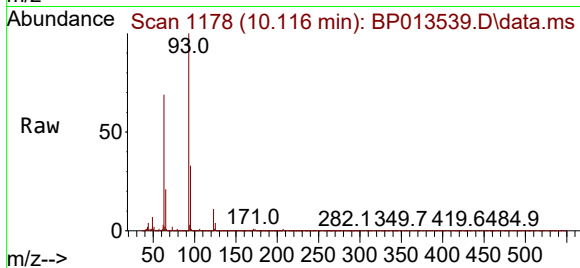
Tgt Ion:107 Resp: 826551
Ion Ratio Lower Upper
107 100
121 51.3 39.9 59.9
122 85.2 68.3 102.5



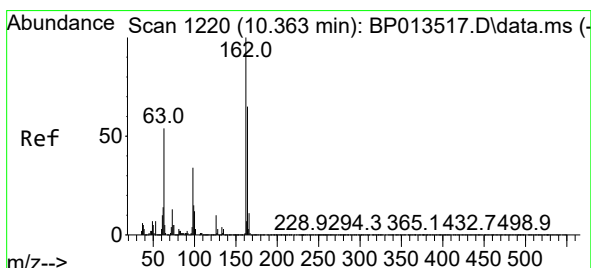
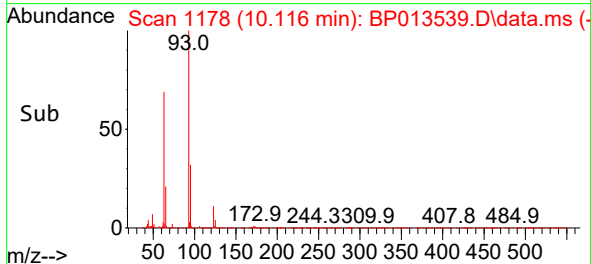
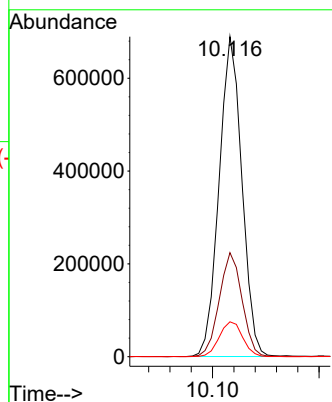


#27
 Bis(2-Chloroethoxy)methane
 Concen: 22.024 ng/ul
 RT: 10.116 min Scan# 1179
 Delta R.T. -0.006 min
 Lab File: BP013539.D
 Acq: 19 Jan 2023 01:03

Instrument :
 BNA_P
 ClientSampleId :

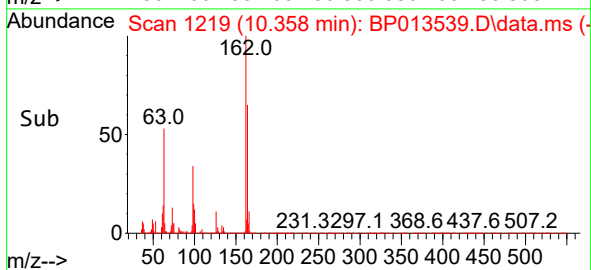
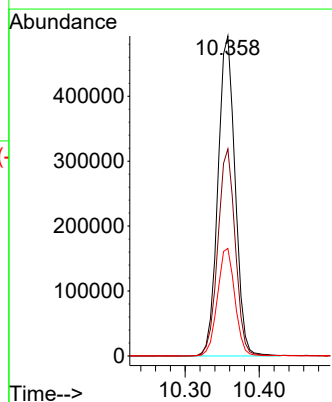
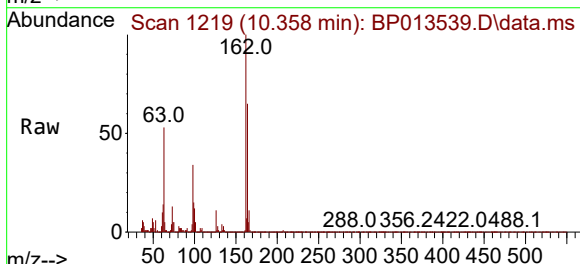


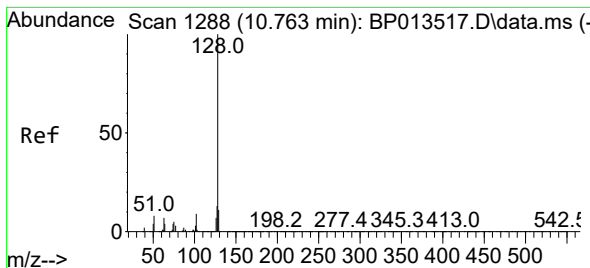
Tgt Ion: 93 Resp: 1022536
 Ion Ratio Lower Upper
 93 100
 95 32.5 25.3 37.9
 123 10.9 8.4 12.6



#29
 2,4-Dichlorophenol
 Concen: 23.629 ng/ul
 RT: 10.358 min Scan# 1219
 Delta R.T. 0.000 min
 Lab File: BP013539.D
 Acq: 19 Jan 2023 01:03

Tgt Ion:162 Resp: 793220
 Ion Ratio Lower Upper
 162 100
 164 64.7 51.9 77.9
 98 33.6 27.1 40.7

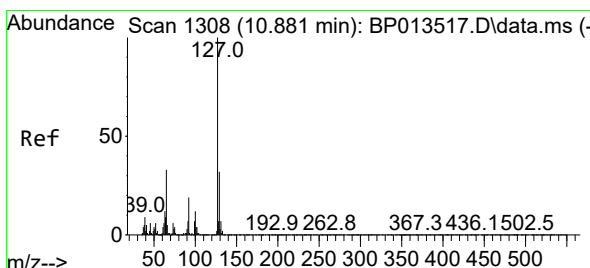
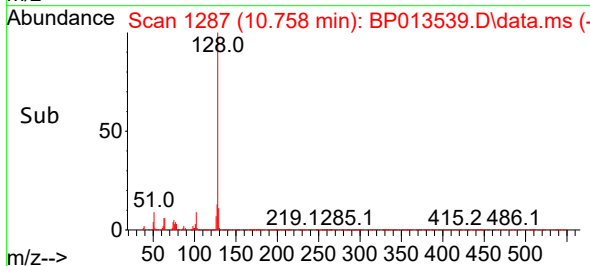
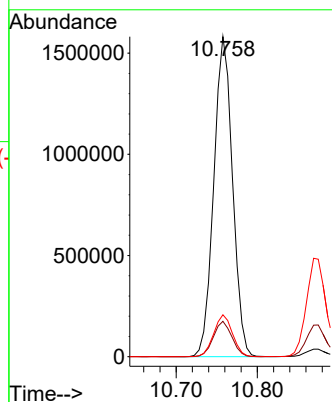
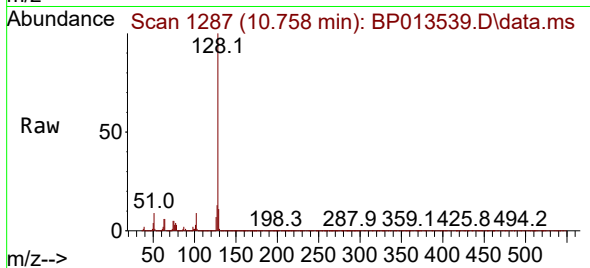




#30
Naphthalene
Concen: 22.093 ng/ul
RT: 10.758 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BP013539.D
Acq: 19 Jan 2023 01:03

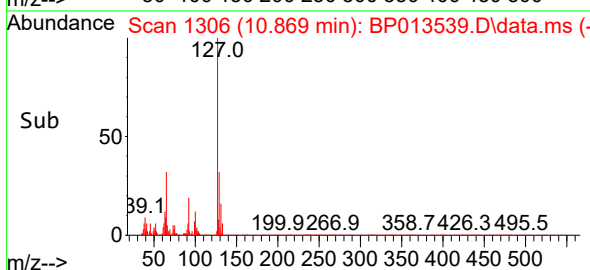
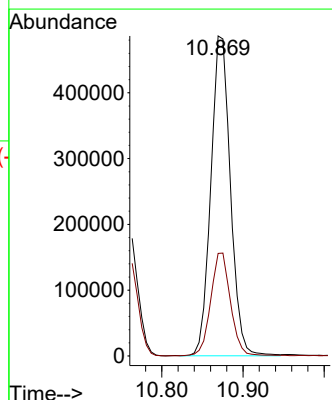
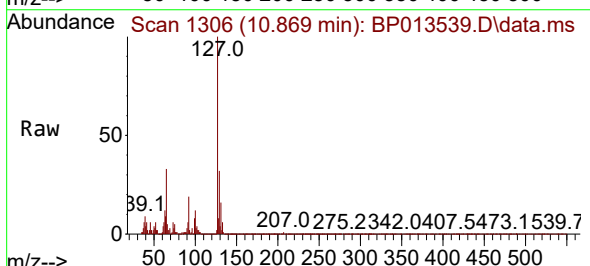
Instrument :
BNA_P
ClientSampleId :

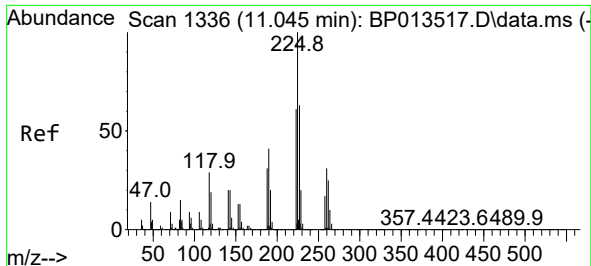
Tgt Ion:128 Resp: 2538726
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.1 10.1 15.1



#32
4-Chloroaniline
Concen: 17.143 ng/ul
RT: 10.869 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BP013539.D
Acq: 19 Jan 2023 01:03

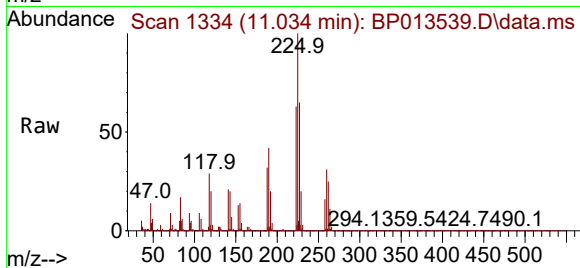
Tgt Ion:127 Resp: 814727
Ion Ratio Lower Upper
127 100
129 32.1 26.1 39.1



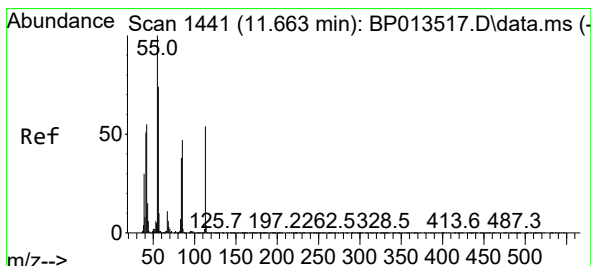
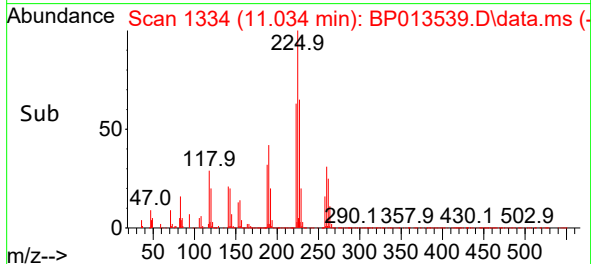
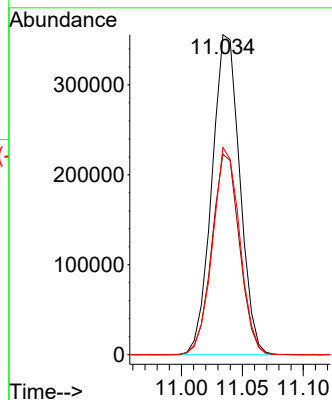


#33
Hexachlorobutadiene
Concen: 23.487 ng/ul
RT: 11.034 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP013539.D
Acq: 19 Jan 2023 01:03

Instrument :
BNA_P
ClientSampleId :

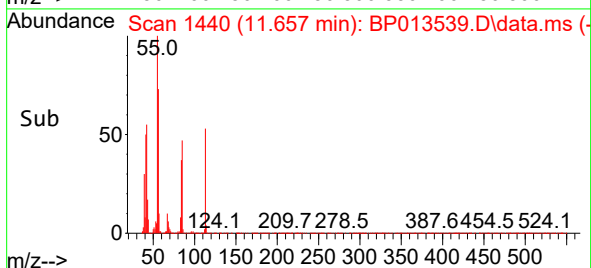
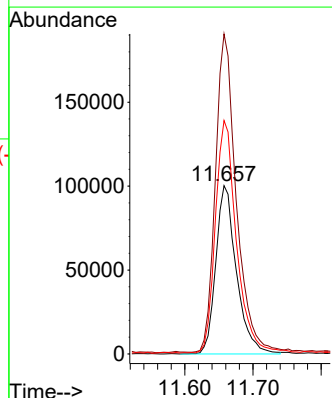
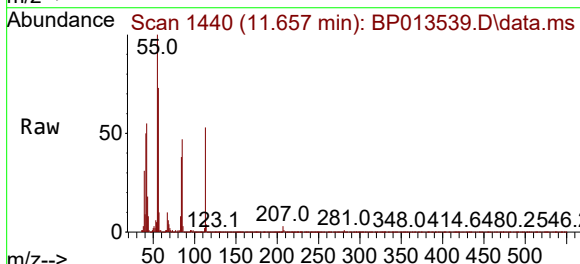


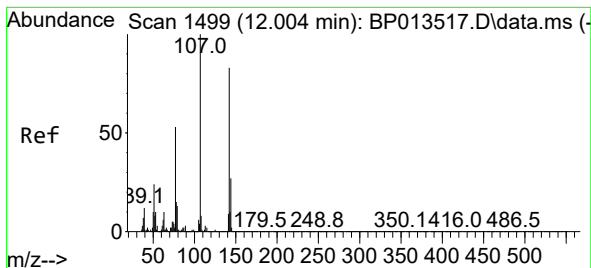
Tgt Ion:225 Resp: 566176
Ion Ratio Lower Upper
225 100
223 62.7 48.8 73.2
227 64.7 50.6 76.0



#34
Caprolactam
Concen: 21.157 ng/ul
RT: 11.657 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BP013539.D
Acq: 19 Jan 2023 01:03

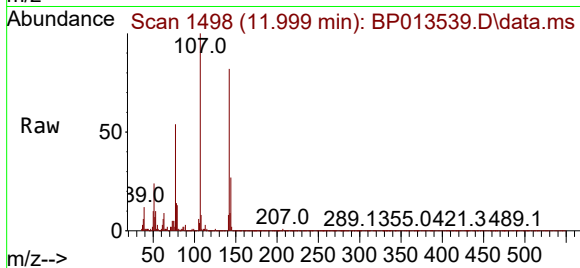
Tgt Ion:113 Resp: 211293
Ion Ratio Lower Upper
113 100
55 190.1 156.4 234.6
56 138.7 117.1 175.7



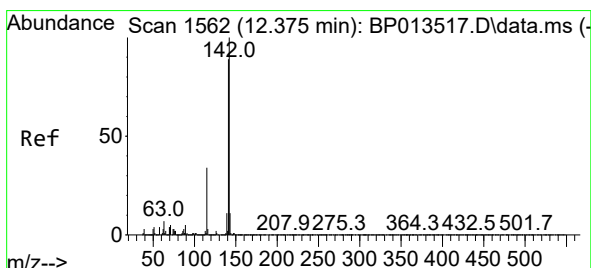
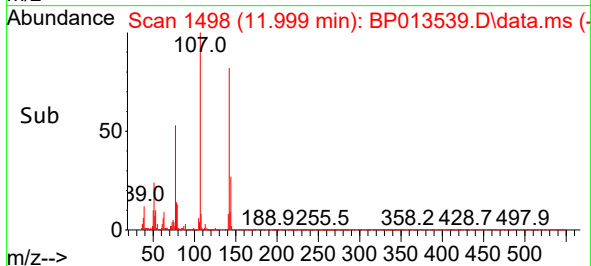
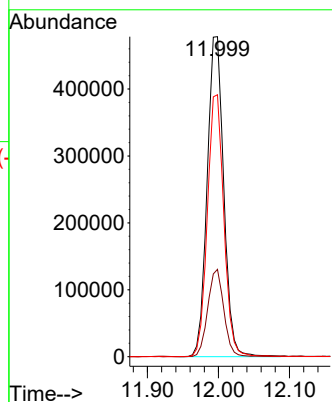


#35
4-Chloro-3-methylphenol
Concen: 23.976 ng/ul
RT: 11.999 min Scan# 1498
Delta R.T. 0.000 min
Lab File: BP013539.D
Acq: 19 Jan 2023 01:03

Instrument :
BNA_P
ClientSampleId :

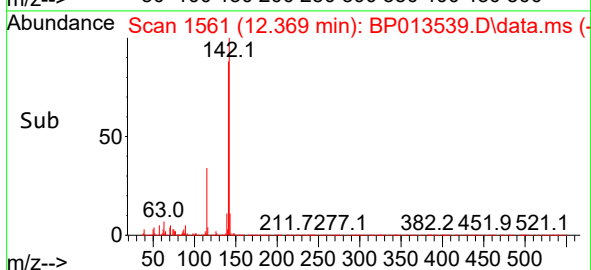
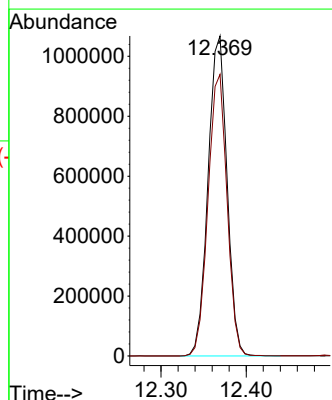
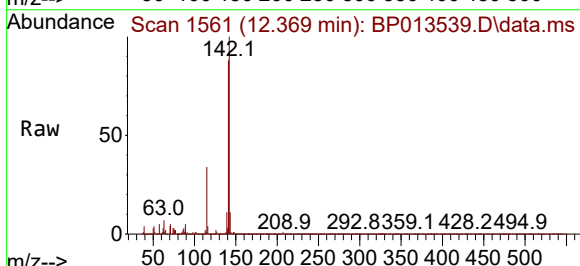


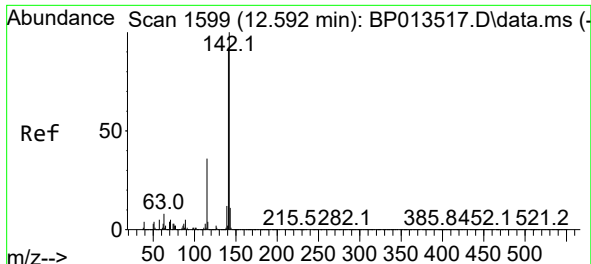
Tgt Ion:107 Resp: 776776
Ion Ratio Lower Upper
107 100
144 27.3 21.0 31.6
142 81.9 64.8 97.2



#36
2-Methylnaphthalene
Concen: 22.469 ng/ul
RT: 12.369 min Scan# 1561
Delta R.T. 0.000 min
Lab File: BP013539.D
Acq: 19 Jan 2023 01:03

Tgt Ion:142 Resp: 1651224
Ion Ratio Lower Upper
142 100
141 88.0 69.7 104.5





#37

1-Methylnaphthalene

Concen: 22.033 ng/ul

RT: 12.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP013539.D

Acq: 19 Jan 2023 01:03

Instrument :

BNA_P

ClientSampleId :

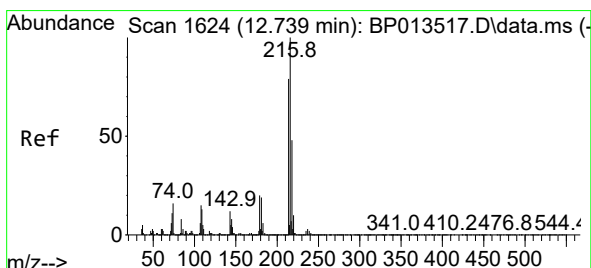
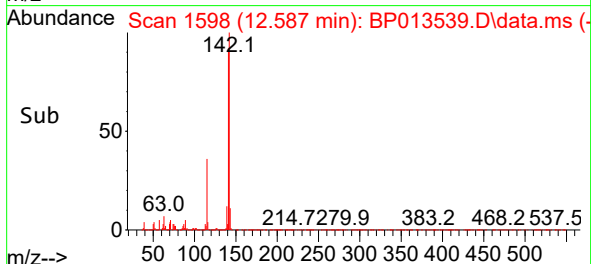
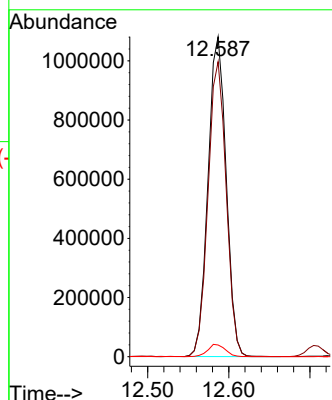
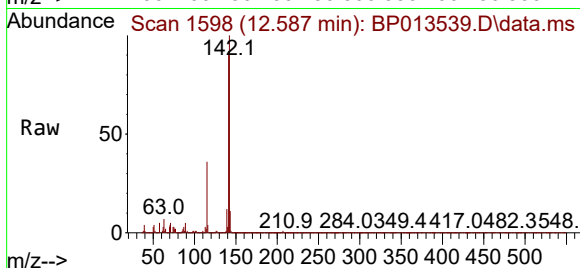
Tgt Ion:142 Resp: 1679528

Ion Ratio Lower Upper

142 100

141 92.2 74.2 111.4

116 3.6 3.0 4.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 25.245 ng/ul

RT: 12.734 min Scan# 1623

Delta R.T. -0.006 min

Lab File: BP013539.D

Acq: 19 Jan 2023 01:03

Tgt Ion:216 Resp: 1000608

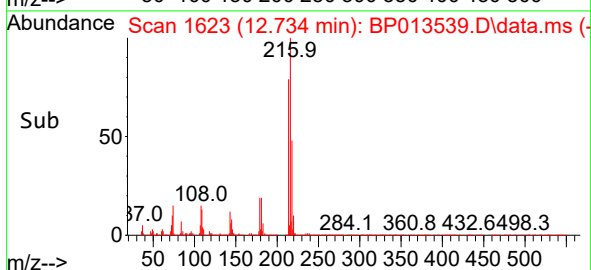
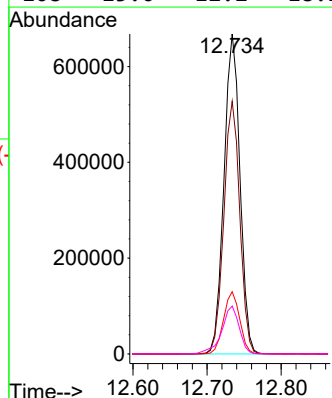
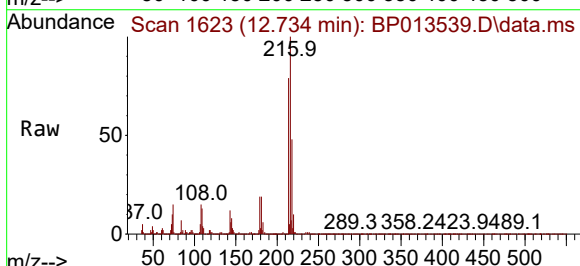
Ion Ratio Lower Upper

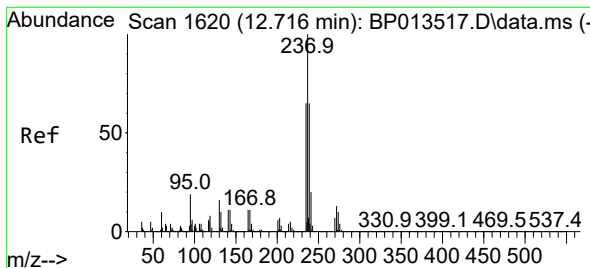
216 100

214 78.9 62.8 94.2

179 19.4 15.1 22.7

108 15.0 12.2 18.2





#40

Hexachlorocyclopentadiene

Concen: 21.425 ng/ul

RT: 12.710 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP013539.D

Acq: 19 Jan 2023 01:03

Instrument :

BNA_P

ClientSampleId :

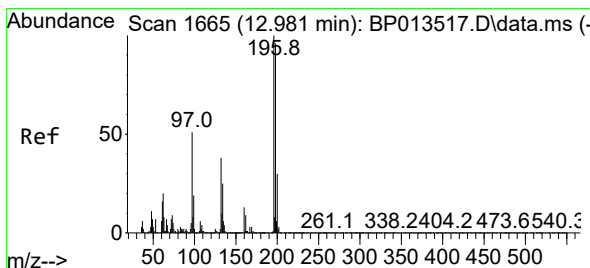
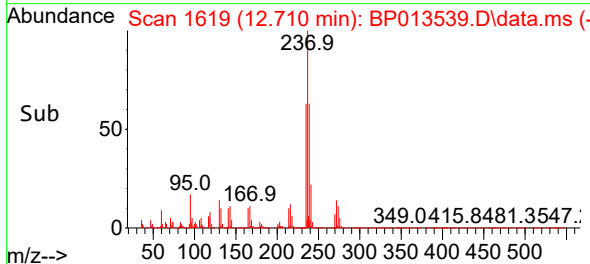
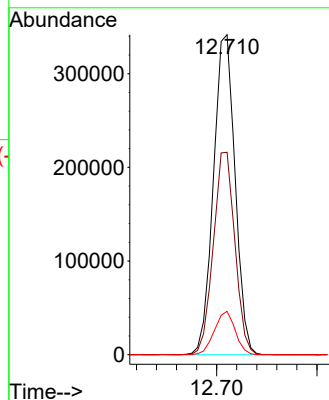
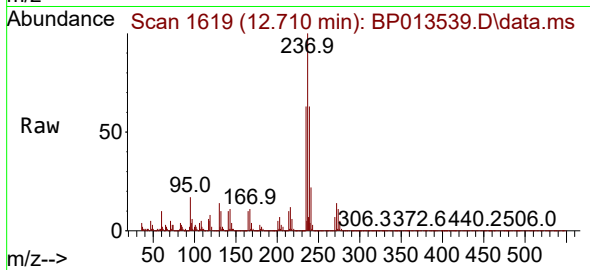
Tgt Ion:237 Resp: 510885

Ion Ratio Lower Upper

237 100

235 63.2 50.8 76.2

272 13.5 11.5 17.3



#41

2,4,6-Trichlorophenol

Concen: 27.083 ng/ul

RT: 12.975 min Scan# 1664

Delta R.T. -0.006 min

Lab File: BP013539.D

Acq: 19 Jan 2023 01:03

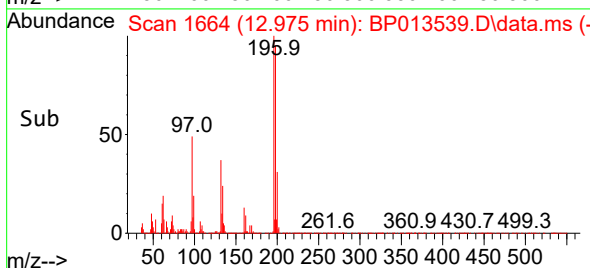
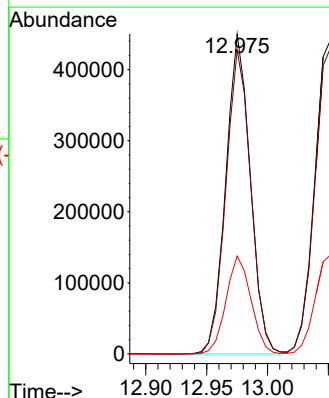
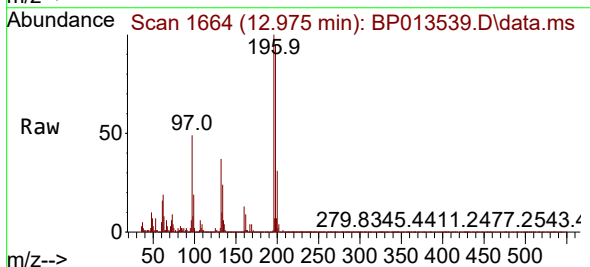
Tgt Ion:196 Resp: 631465

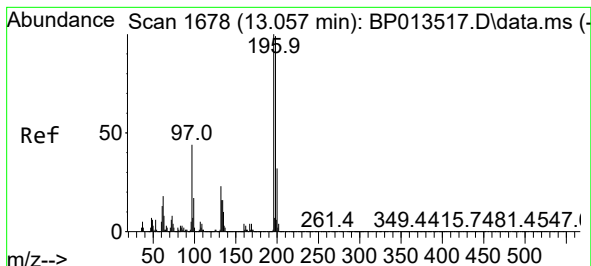
Ion Ratio Lower Upper

196 100

198 95.0 77.9 116.9

200 30.6 25.6 38.4





#42

2,4,5-Trichlorophenol

Concen: 26.076 ng/ul

RT: 13.052 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP013539.D

Acq: 19 Jan 2023 01:03

Instrument :

BNA_P

ClientSampleId :

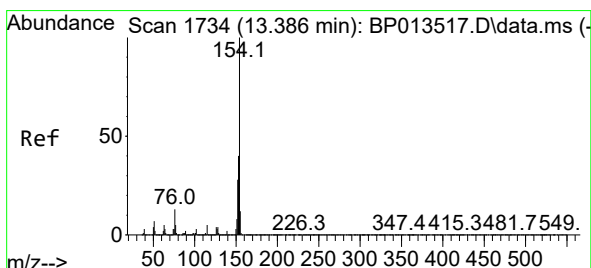
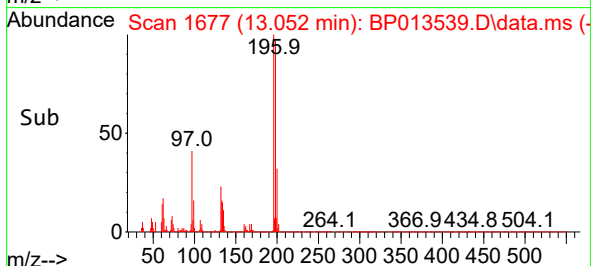
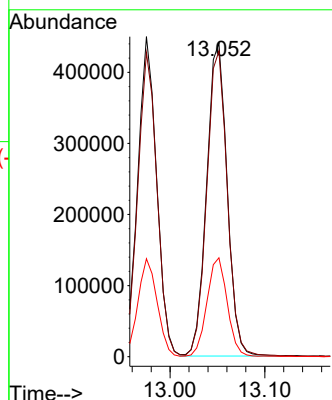
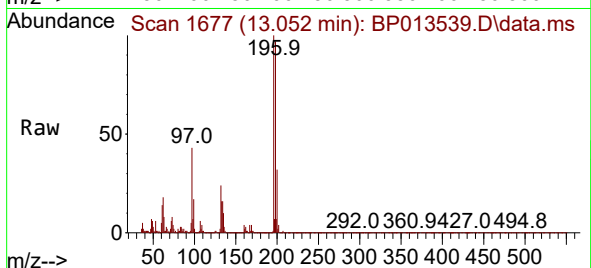
Tgt Ion:196 Resp: 661648

Ion Ratio Lower Upper

196 100

198 97.4 76.0 114.0

200 31.5 24.4 36.6



#43

1,1'-Biphenyl

Concen: 24.775 ng/ul

RT: 13.375 min Scan# 1732

Delta R.T. -0.006 min

Lab File: BP013539.D

Acq: 19 Jan 2023 01:03

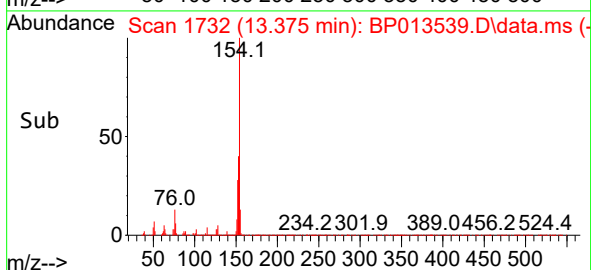
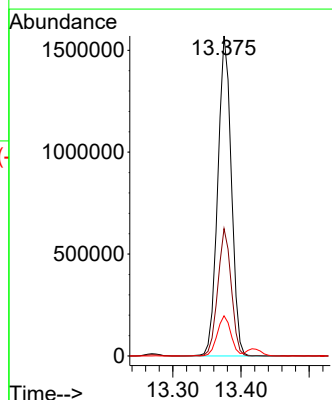
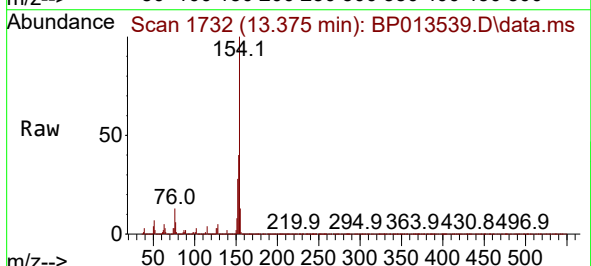
Tgt Ion:154 Resp: 2174648

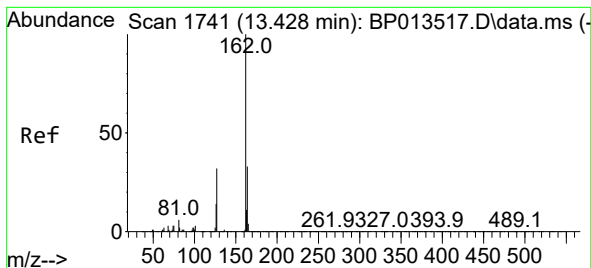
Ion Ratio Lower Upper

154 100

153 39.8 31.9 47.9

76 12.6 10.3 15.5





#44

2-Chloronaphthalene

Concen: 24.189 ng/ul

RT: 13.422 min Scan# 1741

Delta R.T. 0.000 min

Lab File: BP013539.D

Acq: 19 Jan 2023 01:03

Instrument :

BNA_P

ClientSampleId :

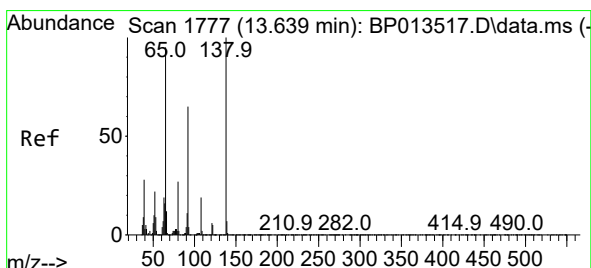
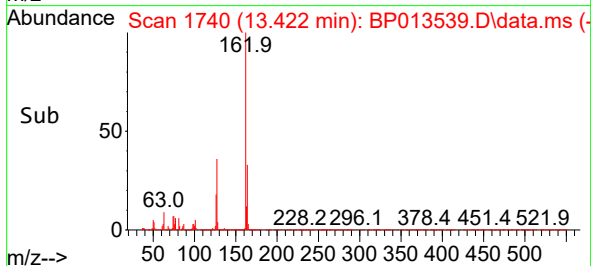
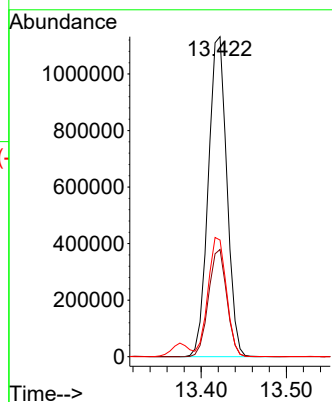
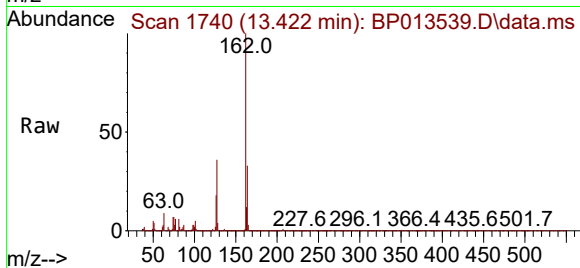
Tgt Ion:162 Resp: 1713260

Ion Ratio Lower Upper

162 100

164 33.5 26.4 39.6

127 36.5 28.9 43.3



#45

2-Nitroaniline

Concen: 27.625 ng/ul

RT: 13.628 min Scan# 1775

Delta R.T. -0.006 min

Lab File: BP013539.D

Acq: 19 Jan 2023 01:03

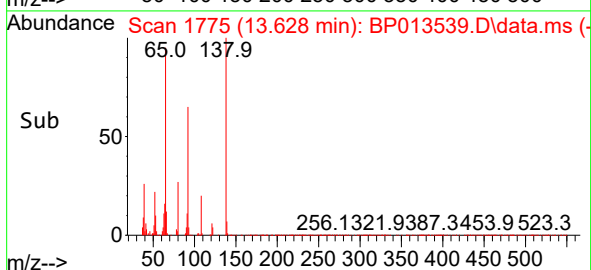
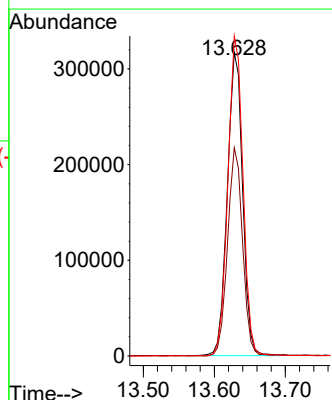
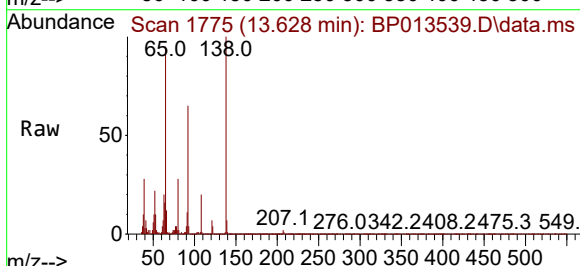
Tgt Ion: 65 Resp: 473504

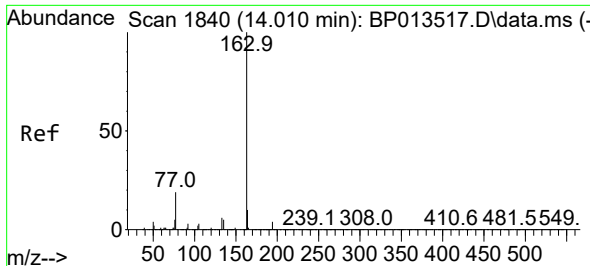
Ion Ratio Lower Upper

65 100

92 68.7 53.5 80.3

138 105.5 79.4 119.0

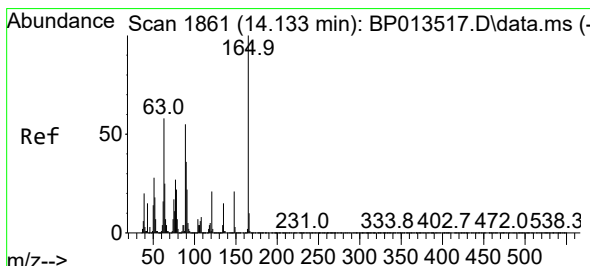
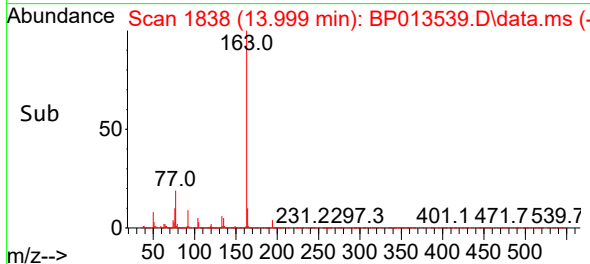
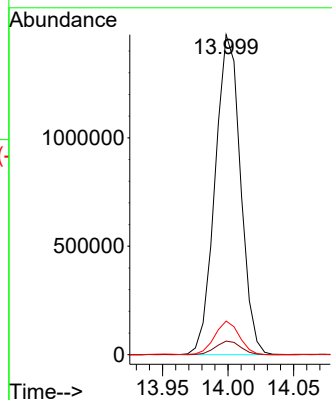
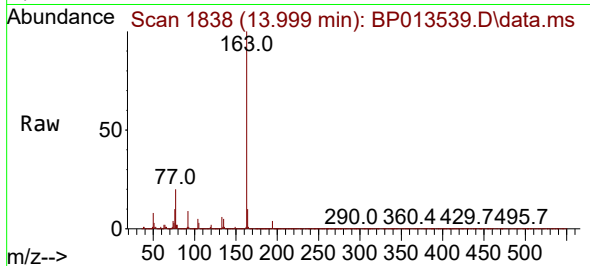




#47
Dimethylphthalate
Concen: 23.618 ng/ul
RT: 13.999 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BP013539.D
Acq: 19 Jan 2023 01:03

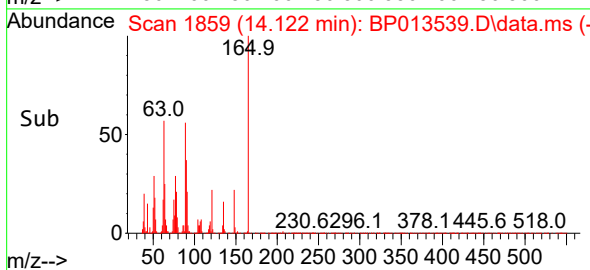
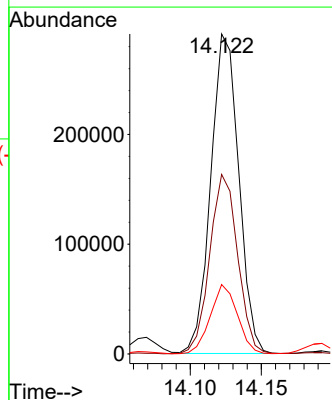
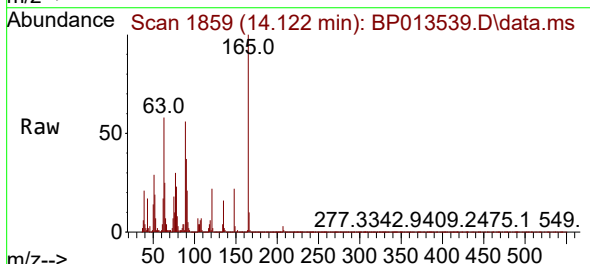
Instrument :
BNA_P
ClientSampleId :

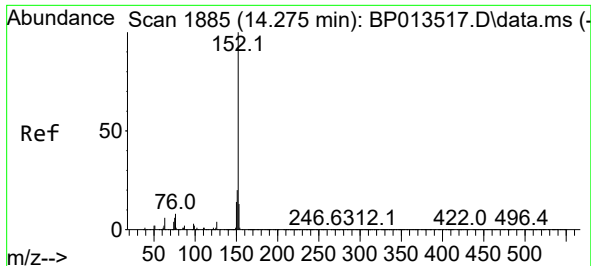
Tgt Ion:163 Resp: 1987557
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 10.5 7.8 11.8



#48
2,6-Dinitrotoluene
Concen: 27.386 ng/ul
RT: 14.122 min Scan# 1859
Delta R.T. -0.006 min
Lab File: BP013539.D
Acq: 19 Jan 2023 01:03

Tgt Ion:165 Resp: 399106
Ion Ratio Lower Upper
165 100
89 56.1 47.1 70.7
121 21.7 17.3 25.9

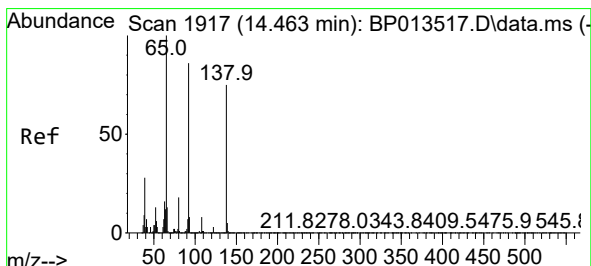
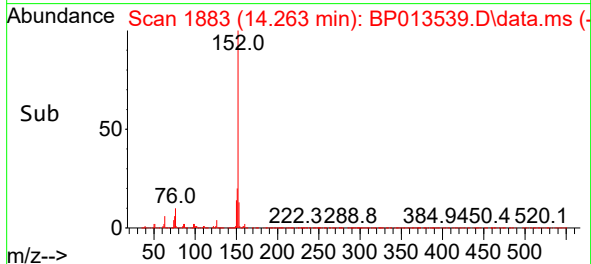
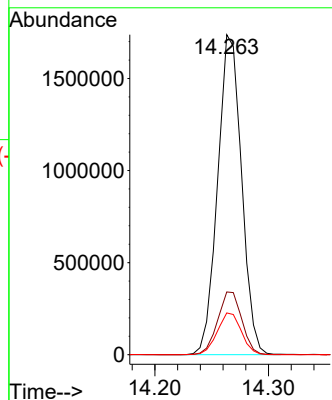
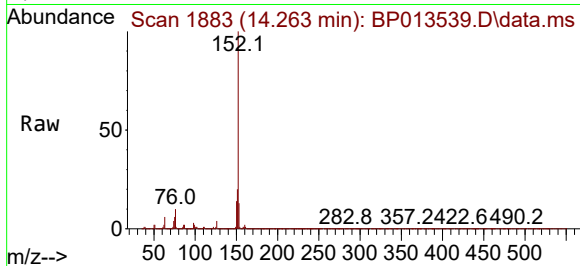




#50
Acenaphthylene
Concen: 24.720 ng/ul
RT: 14.263 min Scan# 1883
Delta R.T. -0.006 min
Lab File: BP013539.D
Acq: 19 Jan 2023 01:03

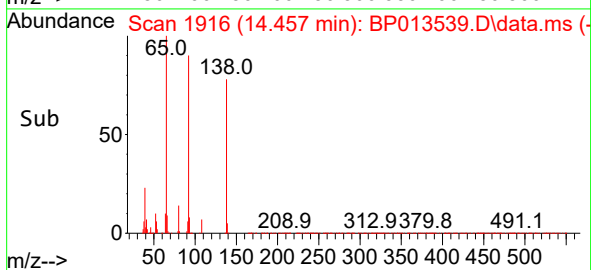
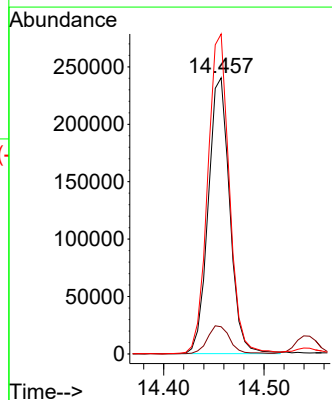
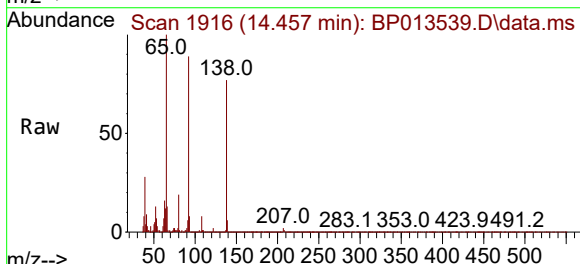
Instrument :
BNA_P
ClientSampleId :

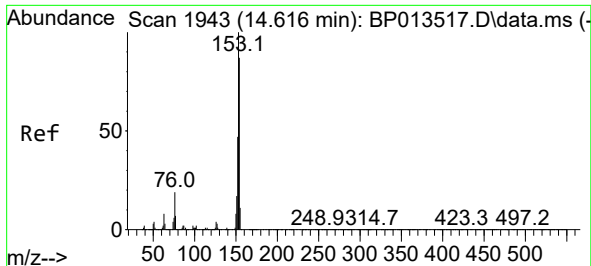
Tgt Ion:152 Resp: 2540175
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.8
153 13.1 10.3 15.5



#51
3-Nitroaniline
Concen: 23.089 ng/ul
RT: 14.457 min Scan# 1916
Delta R.T. 0.000 min
Lab File: BP013539.D
Acq: 19 Jan 2023 01:03

Tgt Ion:138 Resp: 356389
Ion Ratio Lower Upper
138 100
108 9.8 8.6 12.8
92 115.9 95.0 142.4

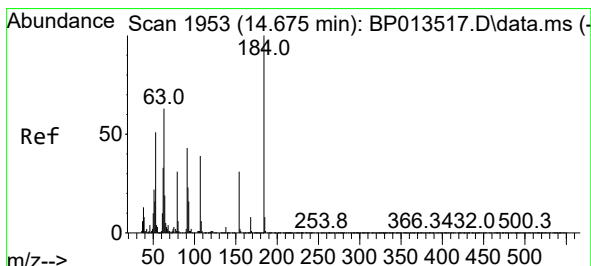
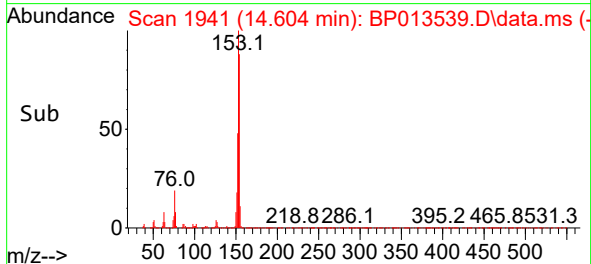
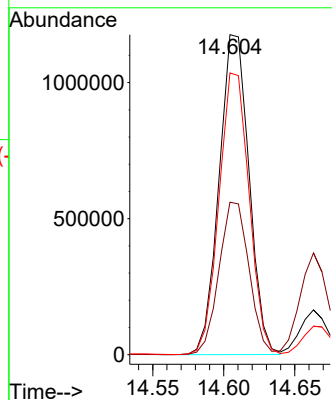
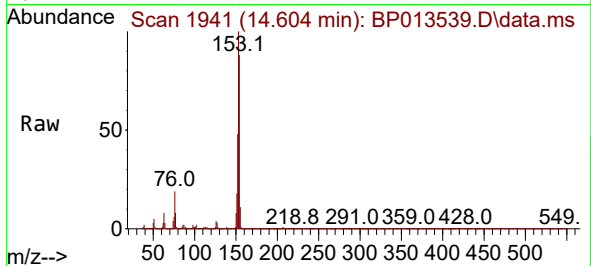




#52
Acenaphthene
Concen: 23.509 ng/ul
RT: 14.604 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BP013539.D
Acq: 19 Jan 2023 01:03

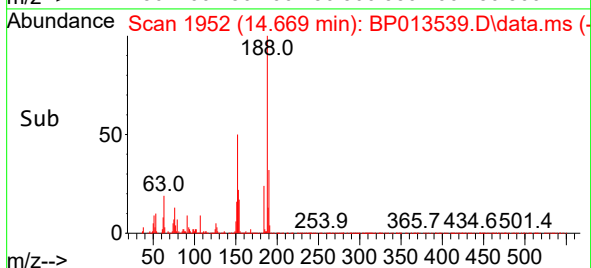
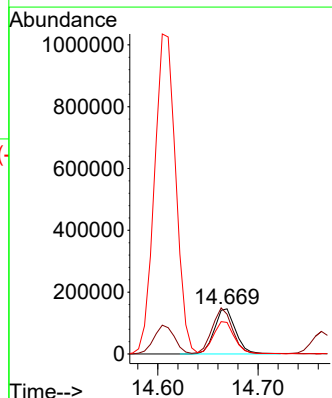
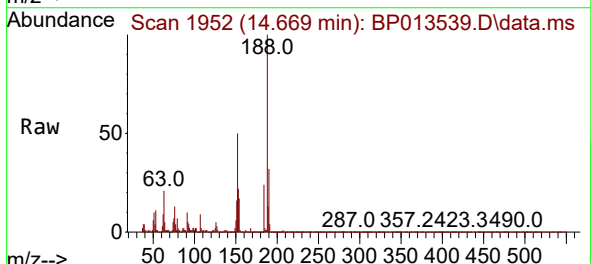
Instrument :
BNA_P
ClientSampleId :

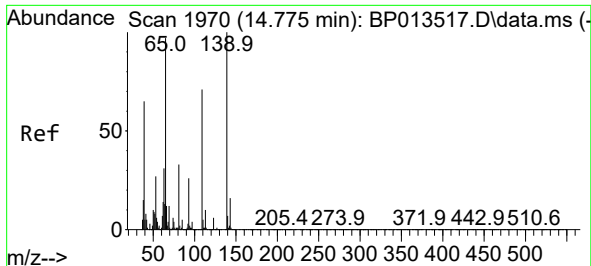
Tgt Ion:153 Resp: 1729033
Ion Ratio Lower Upper
153 100
152 47.6 38.4 57.6
154 88.0 70.6 106.0



#53
2,4-Dinitrophenol
Concen: 19.751 ng/ul
RT: 14.669 min Scan# 1952
Delta R.T. 0.000 min
Lab File: BP013539.D
Acq: 19 Jan 2023 01:03

Tgt Ion:184 Resp: 214246
Ion Ratio Lower Upper
184 100
63 88.0 54.3 81.5#
154 69.9 49.1 73.7

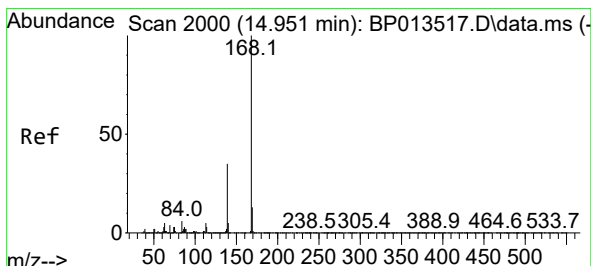
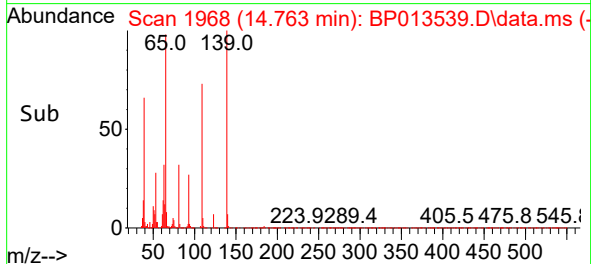
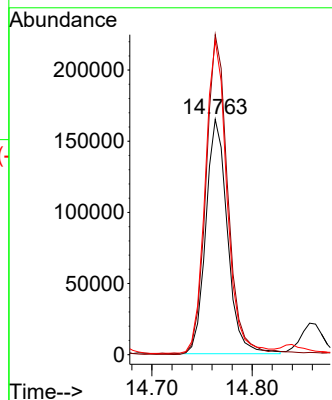
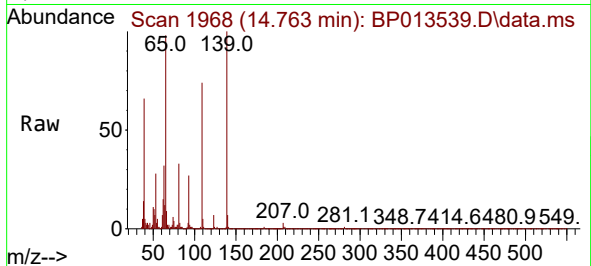




#55
4-Nitrophenol
Concen: 21.075 ng/ul
RT: 14.763 min Scan# 1968
Delta R.T. -0.006 min
Lab File: BP013539.D
Acq: 19 Jan 2023 01:03

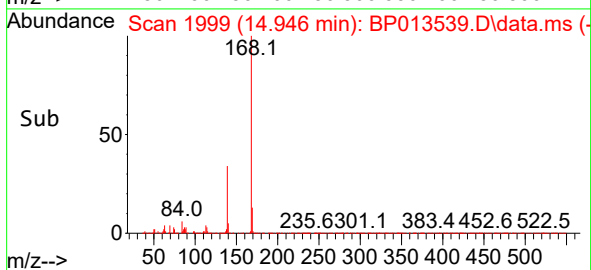
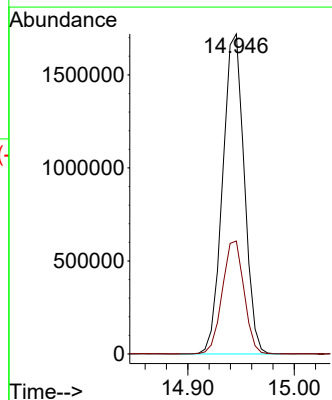
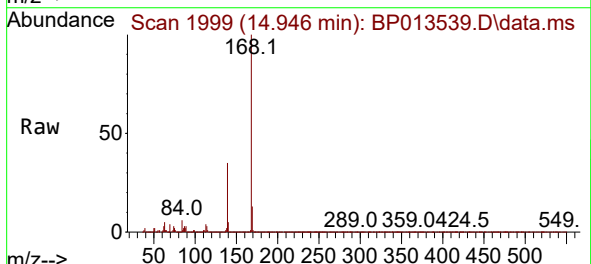
Instrument :
BNA_P
ClientSampleId :

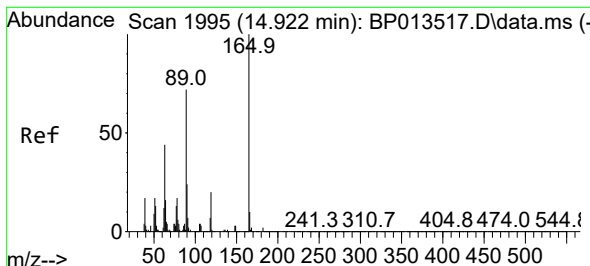
Tgt Ion:109 Resp: 246977
Ion Ratio Lower Upper
109 100
139 135.9 109.2 163.8
65 133.5 116.6 174.8



#56
Dibenzofuran
Concen: 22.866 ng/ul
RT: 14.946 min Scan# 1999
Delta R.T. 0.000 min
Lab File: BP013539.D
Acq: 19 Jan 2023 01:03

Tgt Ion:168 Resp: 2415304
Ion Ratio Lower Upper
168 100
139 35.3 27.4 41.2





#57

2,4-Dinitrotoluene

Concen: 25.627 ng/ul

RT: 14.916 min Scan# 1994

Delta R.T. 0.000 min

Lab File: BP013539.D

Acq: 19 Jan 2023 01:03

Instrument :

BNA_P

ClientSampleId :

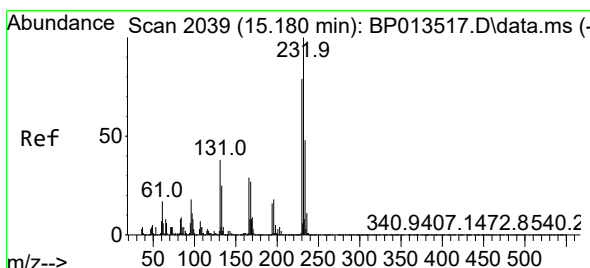
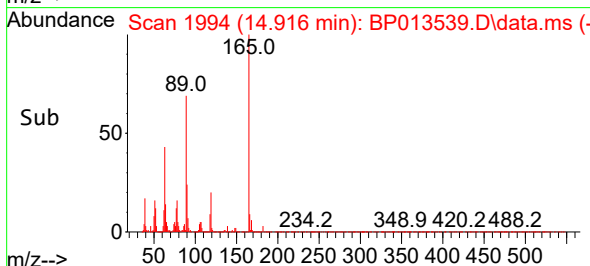
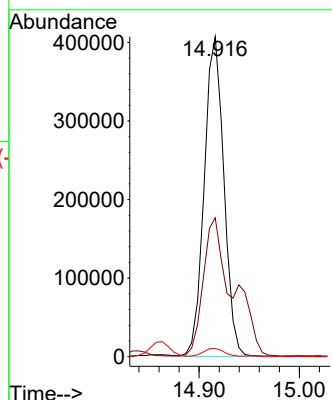
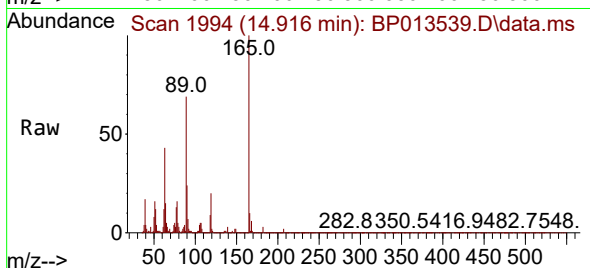
Tgt Ion:165 Resp: 555130

Ion Ratio Lower Upper

165 100

63 43.4 37.3 55.9

182 2.5 2.0 3.0



#58

2,3,4,6-Tetrachlorophenol

Concen: 24.412 ng/ul

RT: 15.169 min Scan# 2037

Delta R.T. -0.006 min

Lab File: BP013539.D

Acq: 19 Jan 2023 01:03

Tgt Ion:232 Resp: 540338

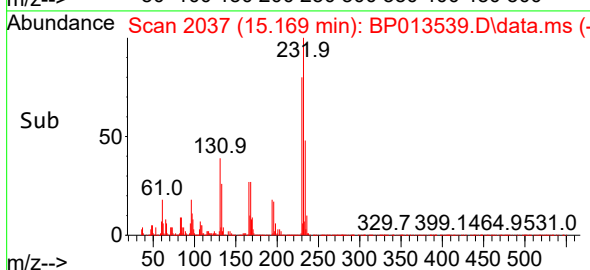
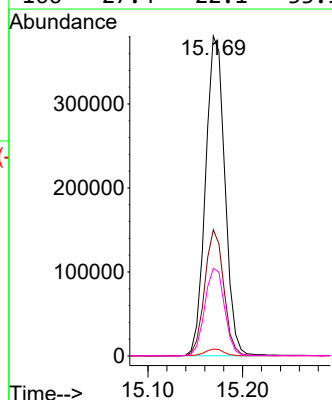
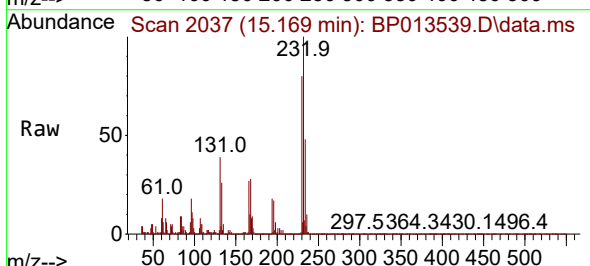
Ion Ratio Lower Upper

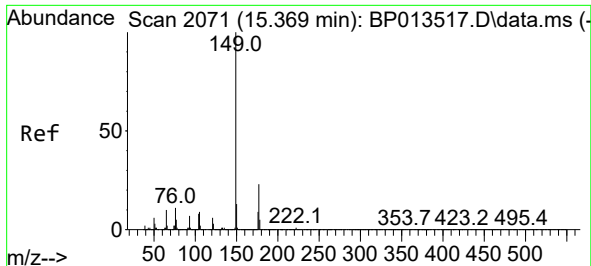
232 100

131 39.4 30.7 46.1

130 2.1 1.7 2.5

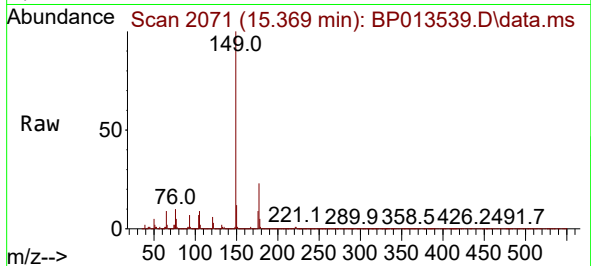
166 27.4 22.1 33.1



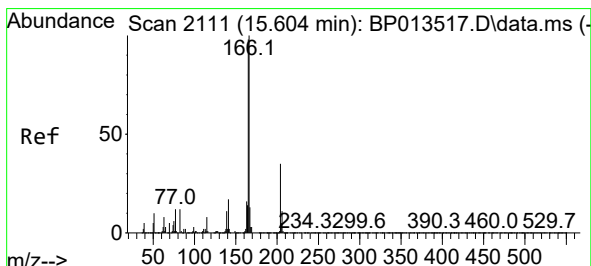
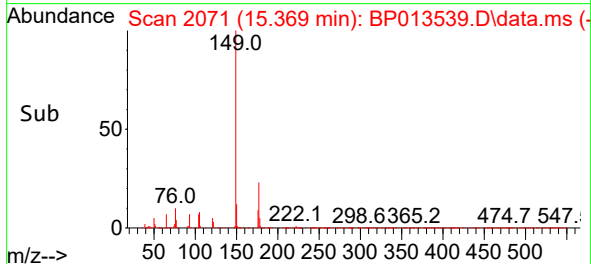
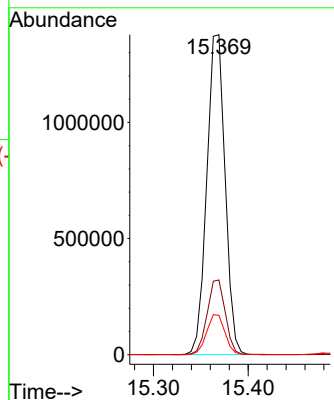


#59
Diethylphthalate
Concen: 23.419 ng/ul
RT: 15.369 min Scan# 2109
Delta R.T. 0.000 min
Lab File: BP013539.D
Acq: 19 Jan 2023 01:03

Instrument :
BNA_P
ClientSampleId :

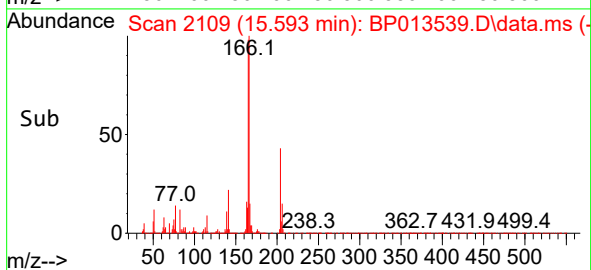
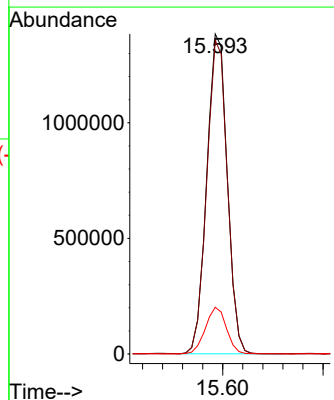
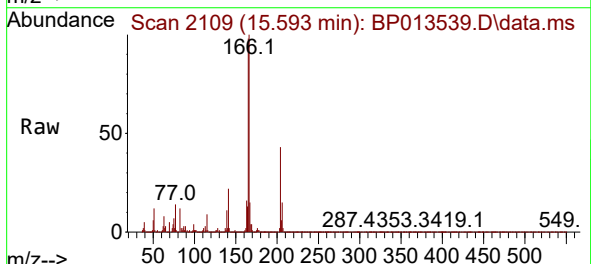


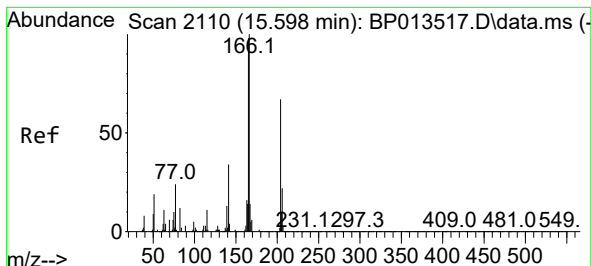
Tgt Ion:149 Resp: 1844661
Ion Ratio Lower Upper
149 100
177 23.3 18.9 28.3
150 12.3 9.9 14.9



#61
Fluorene
Concen: 23.331 ng/ul
RT: 15.593 min Scan# 2109
Delta R.T. -0.006 min
Lab File: BP013539.D
Acq: 19 Jan 2023 01:03

Tgt Ion:166 Resp: 1967109
Ion Ratio Lower Upper
166 100
165 97.9 78.0 117.0
167 14.6 10.8 16.2

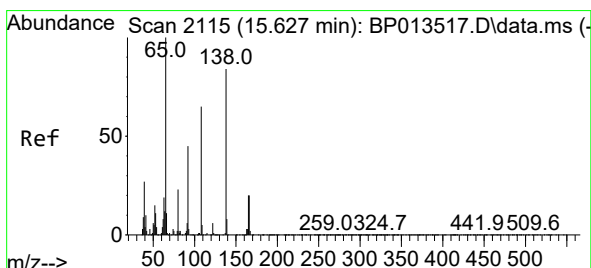
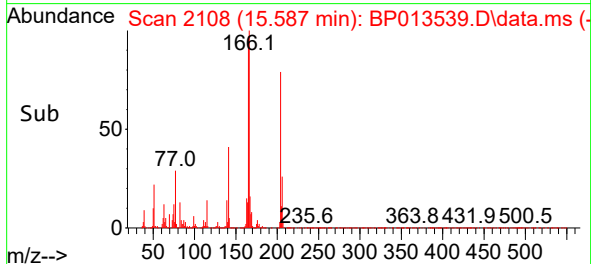
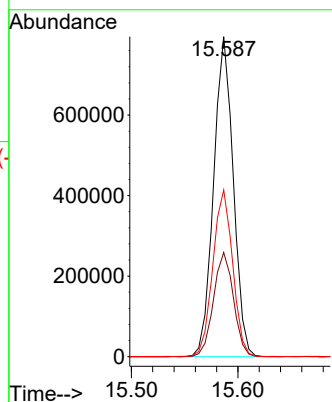
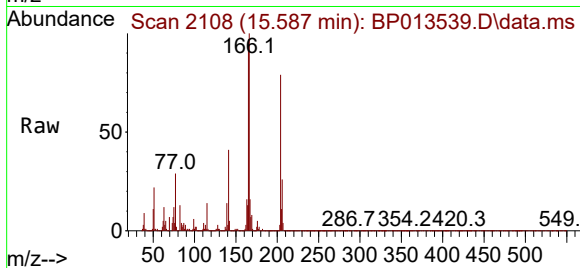




#62
4-Chlorophenyl-phenylether
Concen: 23.078 ng/ul
RT: 15.587 min Scan# 2108
Delta R.T. -0.006 min
Lab File: BP013539.D
Acq: 19 Jan 2023 01:03

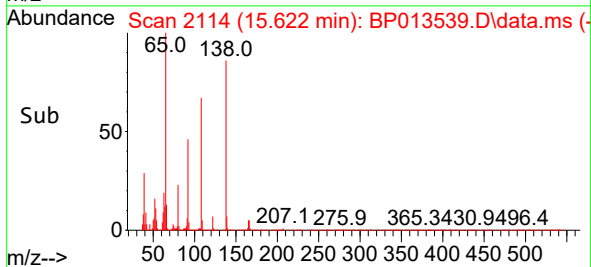
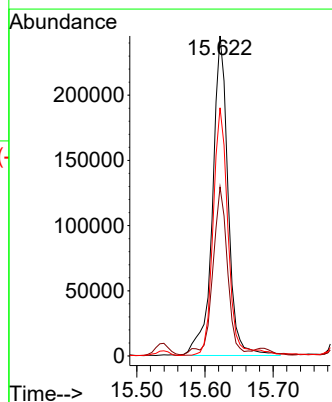
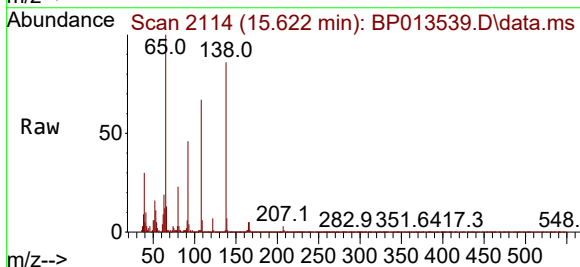
Instrument :
BNA_P
ClientSampleId :

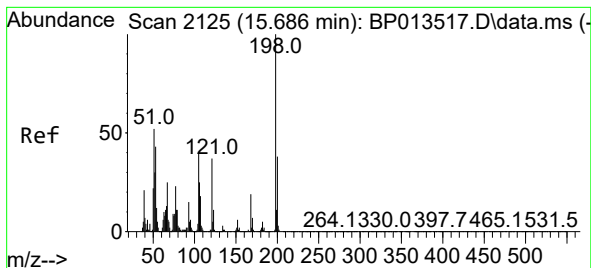
Tgt Ion:204 Resp: 1016128
Ion Ratio Lower Upper
204 100
206 32.6 26.2 39.2
141 52.1 39.3 58.9



#63
4-Nitroaniline
Concen: 27.492 ng/ul
RT: 15.622 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BP013539.D
Acq: 19 Jan 2023 01:03

Tgt Ion:138 Resp: 392358
Ion Ratio Lower Upper
138 100
92 52.8 43.1 64.7
108 77.5 63.6 95.4

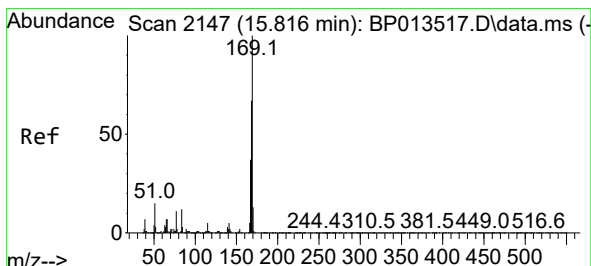
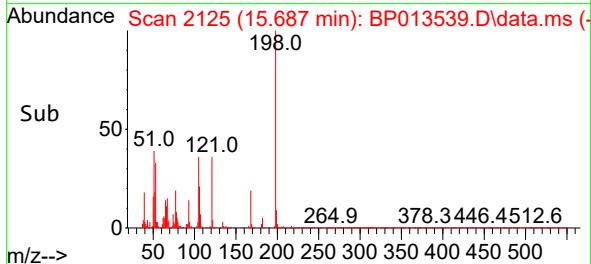
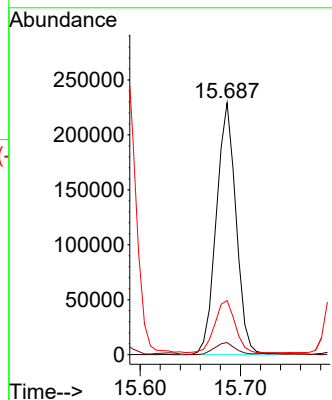
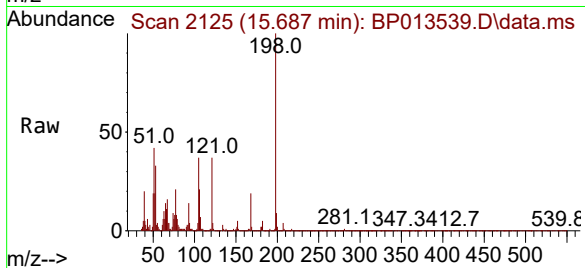




#66
4,6-Dinitro-2-methylphenol
Concen: 13.684 ng/ul
RT: 15.687 min Scan# 2125
Delta R.T. 0.006 min
Lab File: BP013539.D
Acq: 19 Jan 2023 01:03

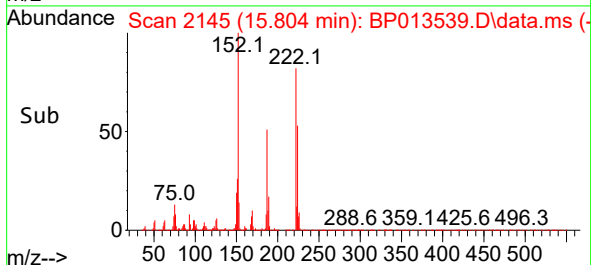
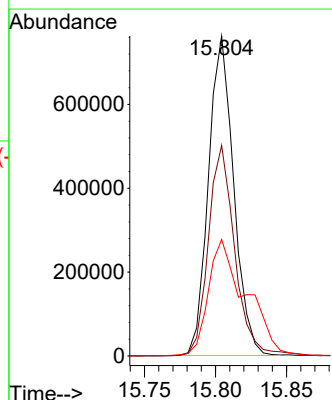
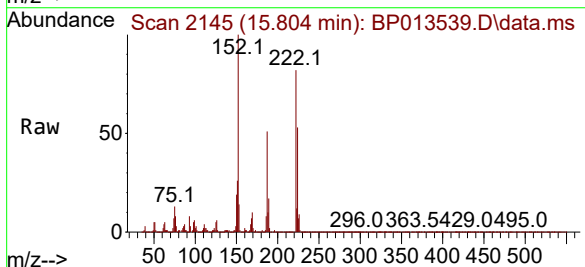
Instrument :
BNA_P
ClientSampleId :

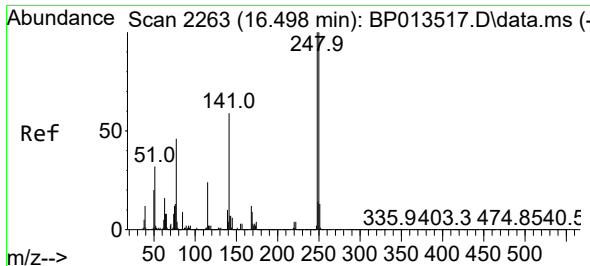
Tgt Ion:198 Resp: 312685
Ion Ratio Lower Upper
198 100
182 4.8 4.8 7.2
77 21.5 18.9 28.3



#67
N-Nitrosodiphenylamine
Concen: 9.541 ng/ul
RT: 15.804 min Scan# 2145
Delta R.T. -0.006 min
Lab File: BP013539.D
Acq: 19 Jan 2023 01:03

Tgt Ion:169 Resp: 942079
Ion Ratio Lower Upper
169 100
168 65.8 52.9 79.3
167 36.4 29.3 43.9

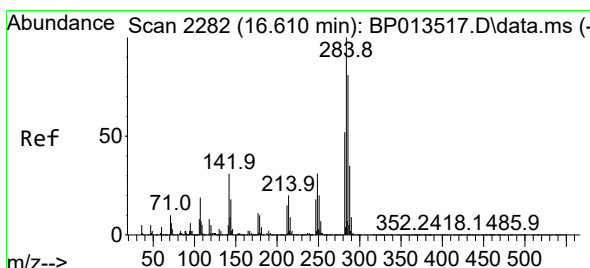
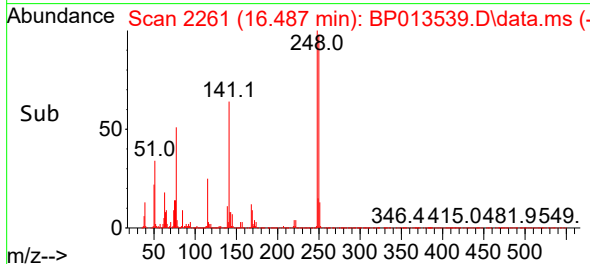
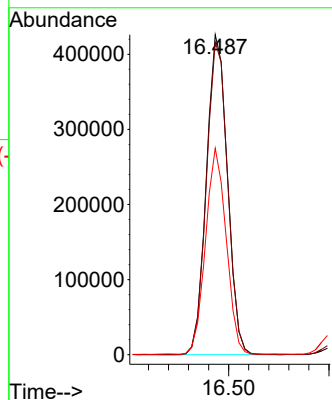
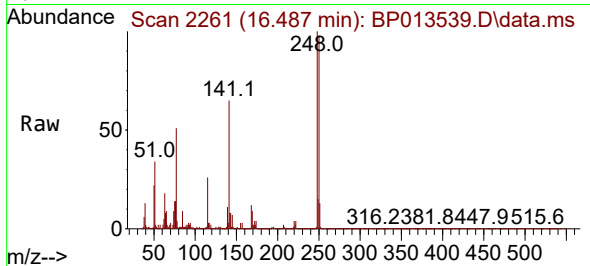




#68
4-Bromophenyl-phenylether
Concen: 16.399 ng/ul
RT: 16.487 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP013539.D
Acq: 19 Jan 2023 01:03

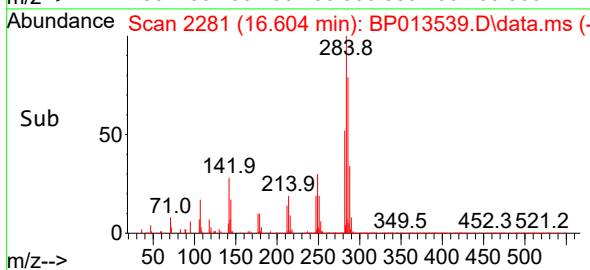
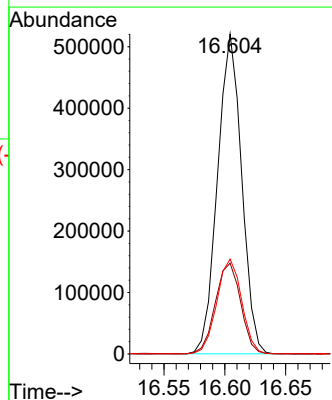
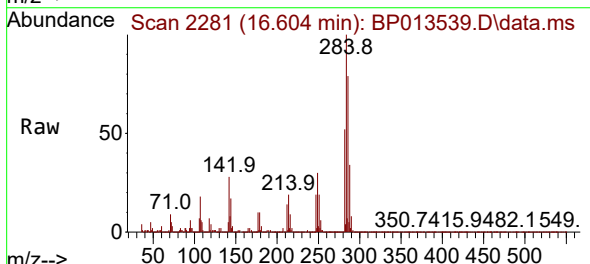
Instrument :
BNA_P
ClientSampleId :

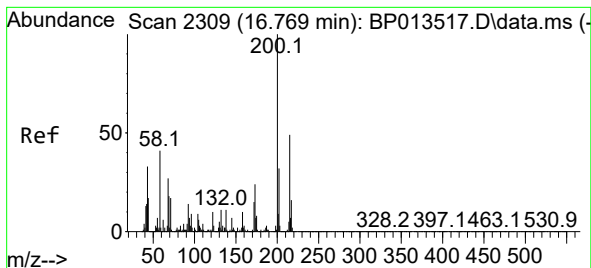
Tgt Ion:248 Resp: 620145
Ion Ratio Lower Upper
248 100
250 97.8 78.5 117.7
141 64.5 53.0 79.4



#69
Hexachlorobenzene
Concen: 15.710 ng/ul
RT: 16.604 min Scan# 2281
Delta R.T. -0.006 min
Lab File: BP013539.D
Acq: 19 Jan 2023 01:03

Tgt Ion:284 Resp: 716341
Ion Ratio Lower Upper
284 100
142 28.3 24.8 37.2
249 29.7 24.1 36.1





#70

Atrazine

Concen: 15.959 ng/ul

RT: 16.769 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP013539.D

Acq: 19 Jan 2023 01:03

Instrument :

BNA_P

ClientSampleId :

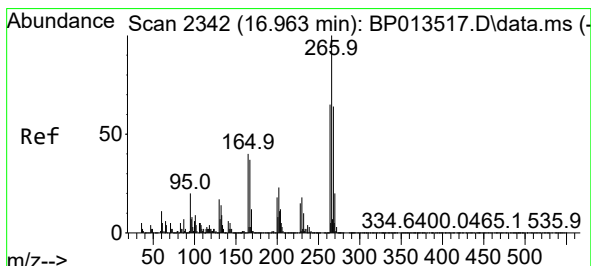
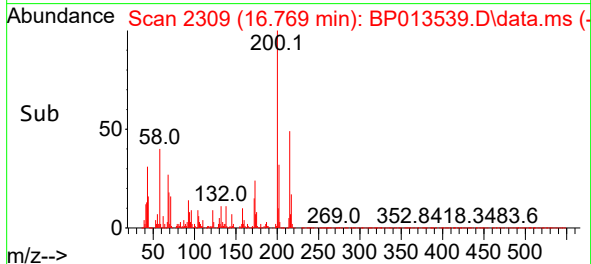
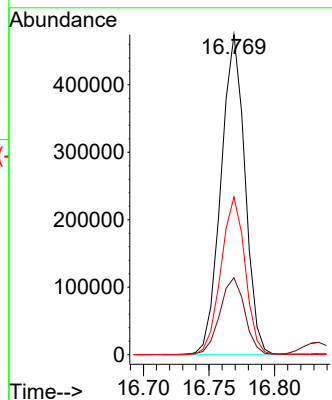
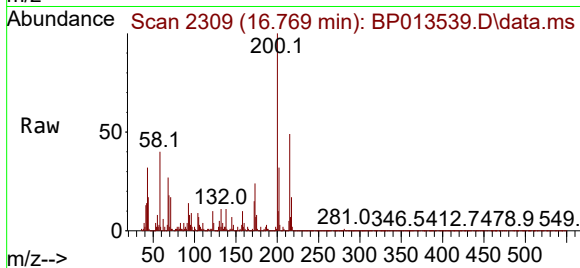
Tgt Ion:200 Resp: 602415

Ion Ratio Lower Upper

200 100

173 24.1 19.2 28.8

215 49.3 39.0 58.4



#71

Pentachlorophenol

Concen: 13.444 ng/ul

RT: 16.951 min Scan# 2340

Delta R.T. -0.006 min

Lab File: BP013539.D

Acq: 19 Jan 2023 01:03

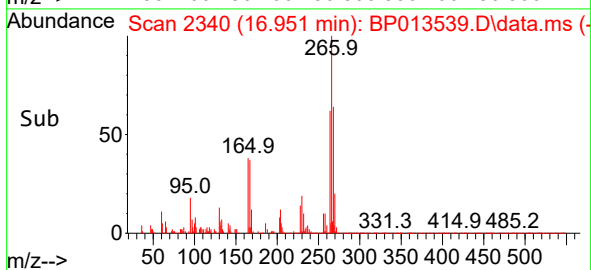
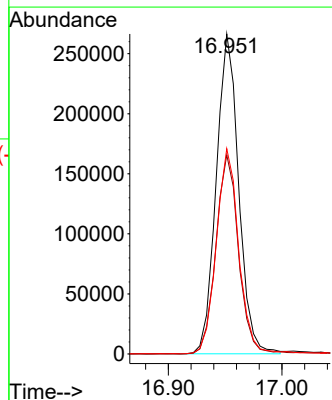
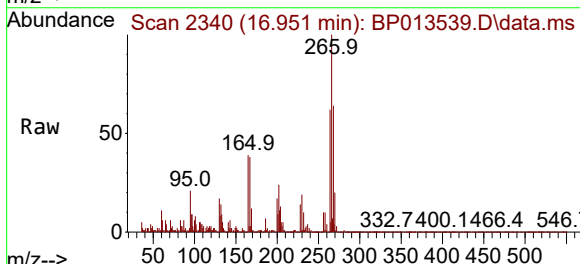
Tgt Ion:266 Resp: 364867

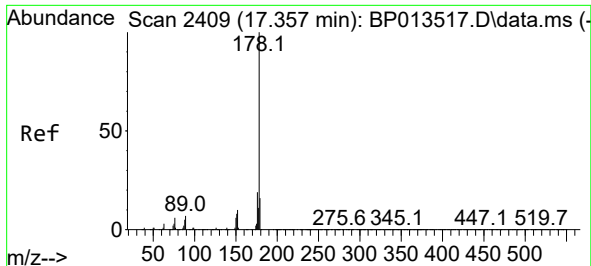
Ion Ratio Lower Upper

266 100

264 62.2 49.7 74.5

268 64.2 49.4 74.0

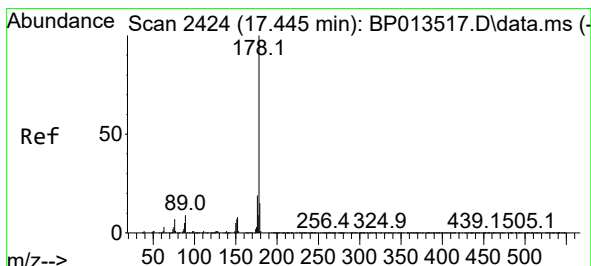
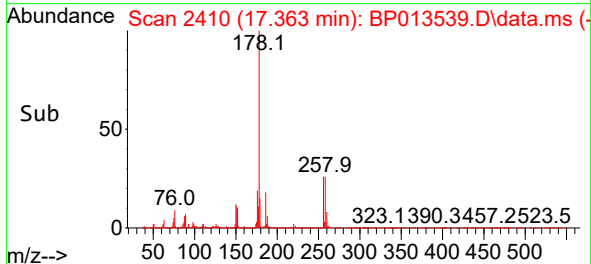
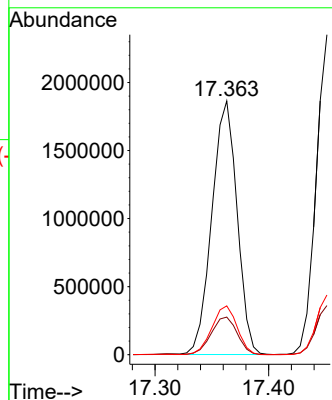
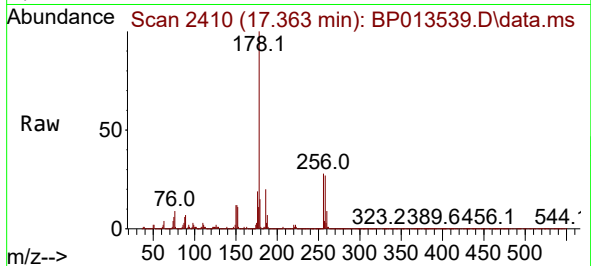




#72
Phenanthrene
Concen: 14.796 ng/ul
RT: 17.363 min Scan# 2409
Delta R.T. 0.012 min
Lab File: BP013539.D
Acq: 19 Jan 2023 01:03

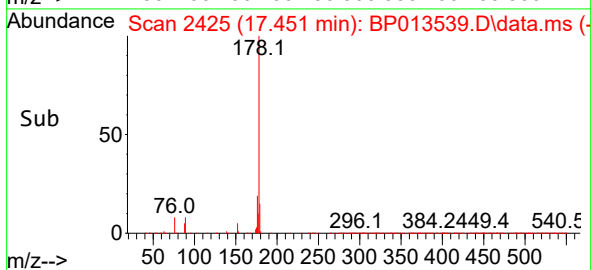
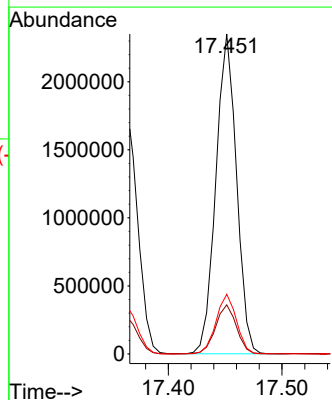
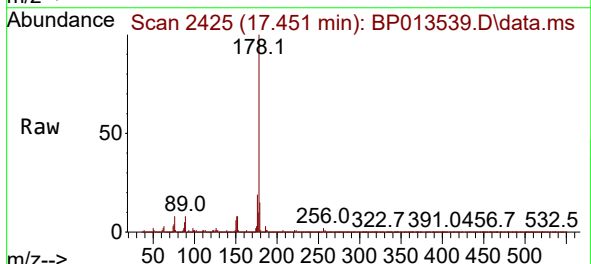
Instrument :
BNA_P
ClientSampleId :

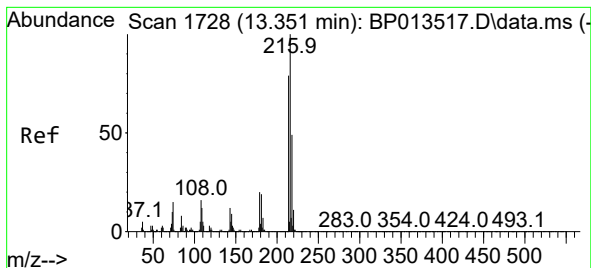
Tgt Ion:178 Resp: 2871795
Ion Ratio Lower Upper
178 100
179 14.8 12.1 18.1
176 19.2 15.4 23.0



#74
Anthracene
Concen: 15.487 ng/ul
RT: 17.451 min Scan# 2425
Delta R.T. 0.006 min
Lab File: BP013539.D
Acq: 19 Jan 2023 01:03

Tgt Ion:178 Resp: 2969245
Ion Ratio Lower Upper
178 100
179 15.3 12.5 18.7
176 18.6 14.7 22.1





#75

1,2,3,4-Tetrachlorobenzene

Concen: 17.323 ng/uL

RT: 13.340 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP013539.D

Acq: 19 Jan 2023 01:03

Instrument :

BNA_P

ClientSampleId :

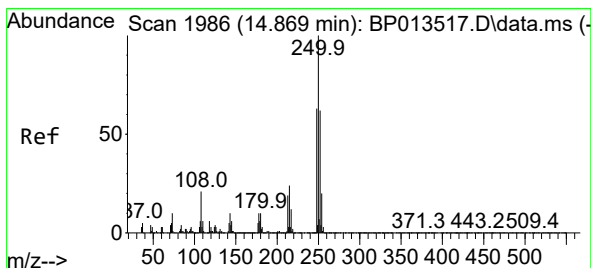
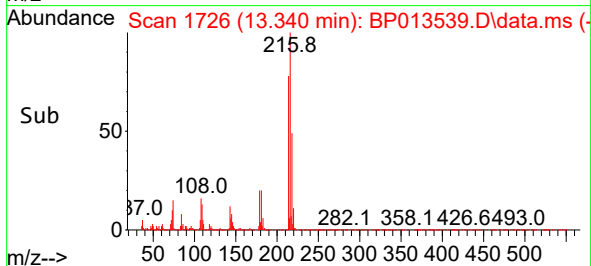
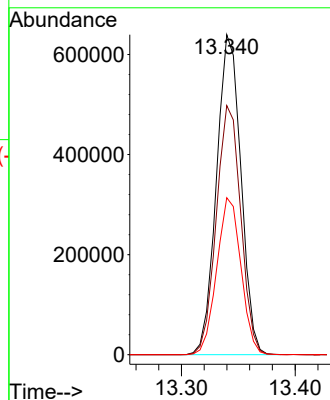
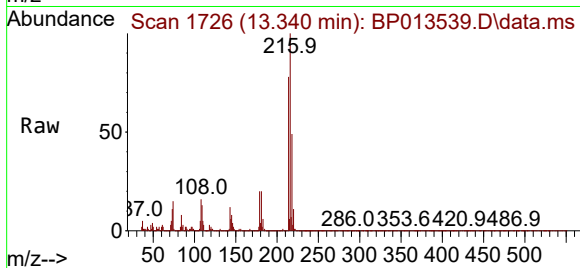
Tgt Ion:216 Resp: 955072

Ion Ratio Lower Upper

216 100

214 77.8 61.7 92.5

218 49.0 38.1 57.1



#76

Pentachlorobenzene

Concen: 16.446 ng/uL

RT: 14.863 min Scan# 1985

Delta R.T. 0.000 min

Lab File: BP013539.D

Acq: 19 Jan 2023 01:03

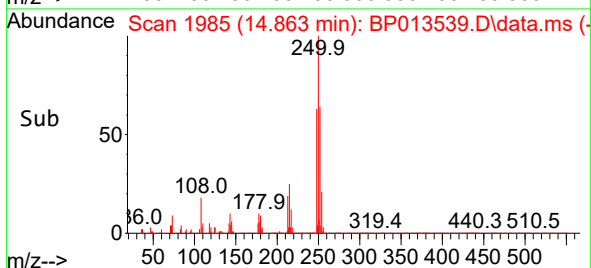
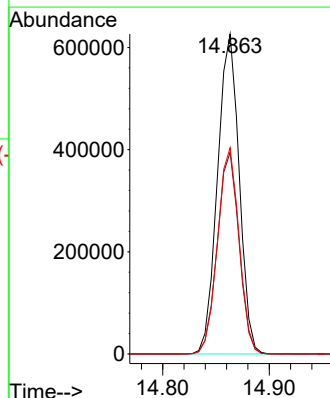
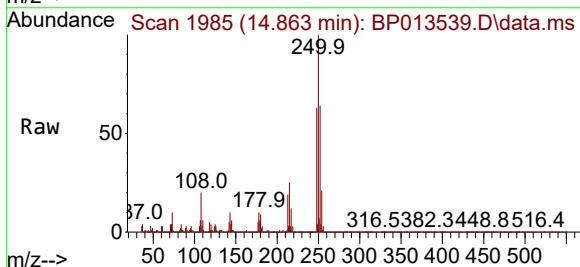
Tgt Ion:250 Resp: 882828

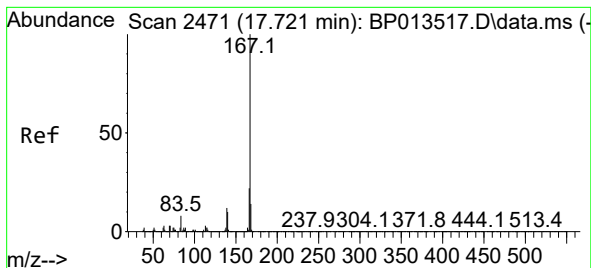
Ion Ratio Lower Upper

250 100

248 63.0 50.0 75.0

252 64.5 51.1 76.7





#77

Carbazole

Concen: 16.533 ng/ul

RT: 17.716 min Scan# 2471

Delta R.T. 0.000 min

Lab File: BP013539.D

Acq: 19 Jan 2023 01:03

Instrument :

BNA_P

ClientSampleId :

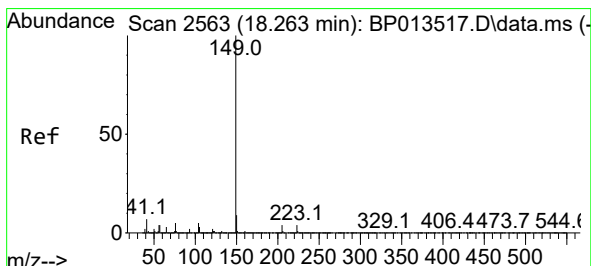
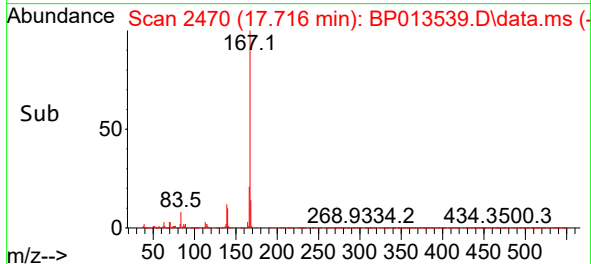
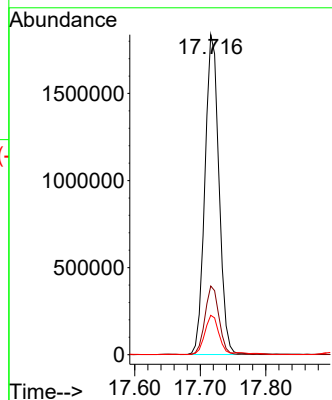
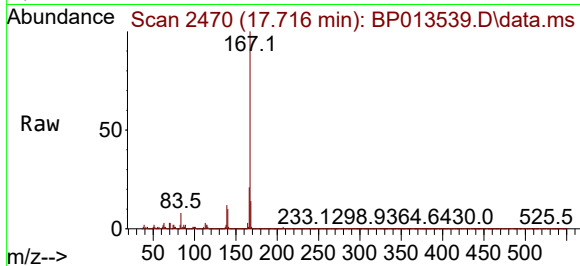
Tgt Ion:167 Resp: 2745484

Ion Ratio Lower Upper

167 100

166 21.5 17.5 26.3

139 12.3 9.8 14.6



#78

Di-n-butylphthalate

Concen: 18.952 ng/ul

RT: 18.269 min Scan# 2564

Delta R.T. 0.012 min

Lab File: BP013539.D

Acq: 19 Jan 2023 01:03

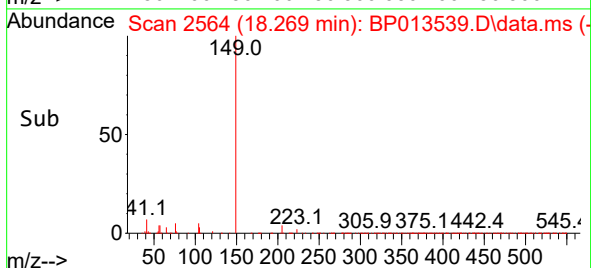
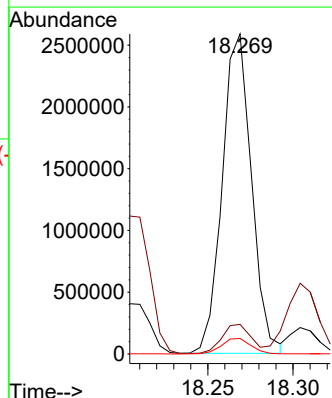
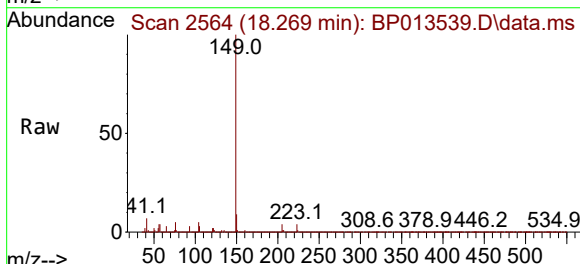
Tgt Ion:149 Resp: 3086493

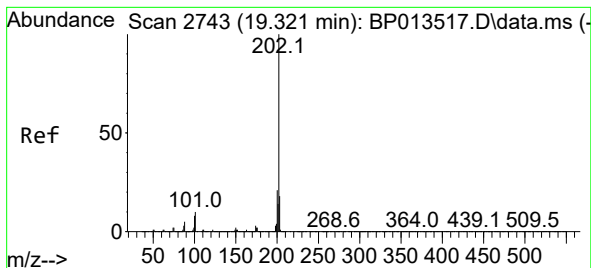
Ion Ratio Lower Upper

149 100

150 9.2 7.1 10.7

104 4.8 4.3 6.5





#80

Fluoranthene

Concen: 24.313 ng/ul

RT: 19.322 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP013539.D

Acq: 19 Jan 2023 01:03

Instrument :

BNA_P

ClientSampleId :

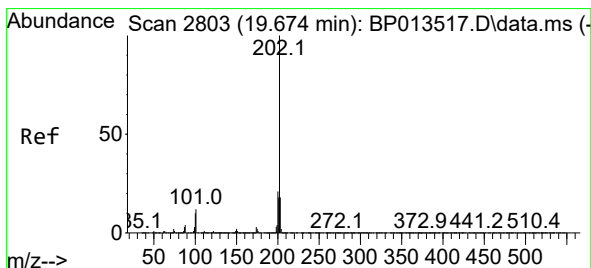
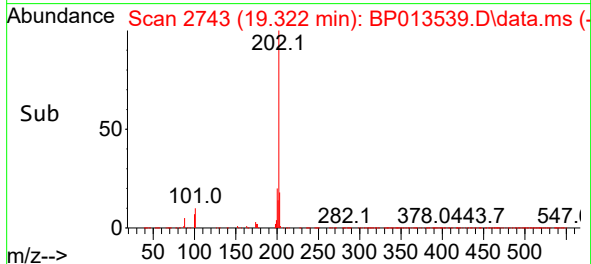
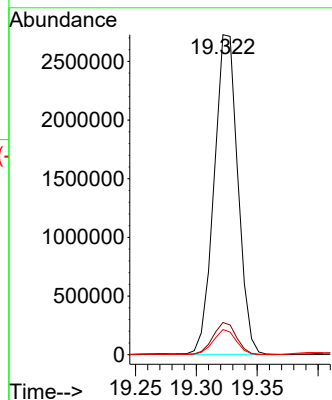
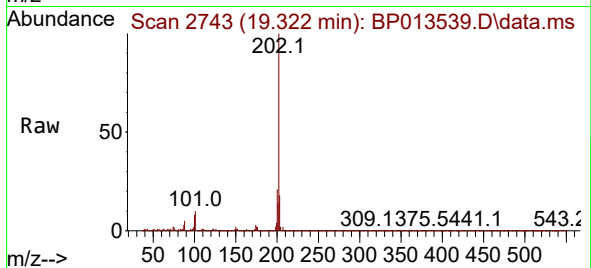
Tgt Ion:202 Resp: 3687505

Ion Ratio Lower Upper

202 100

101 10.0 8.3 12.5

100 7.8 6.8 10.2



#82

Pyrene

Concen: 24.121 ng/ul

RT: 19.669 min Scan# 2802

Delta R.T. -0.006 min

Lab File: BP013539.D

Acq: 19 Jan 2023 01:03

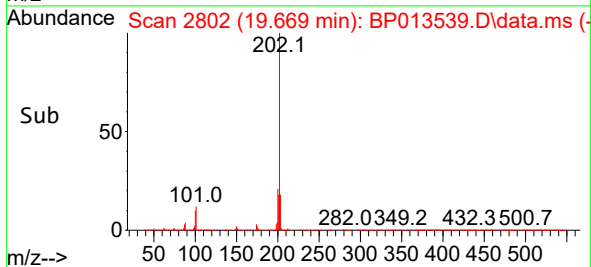
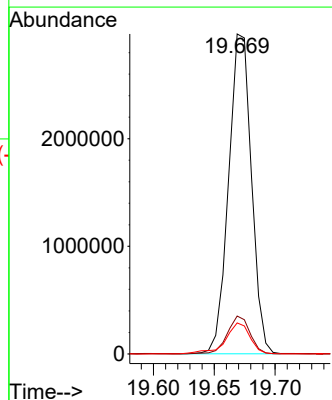
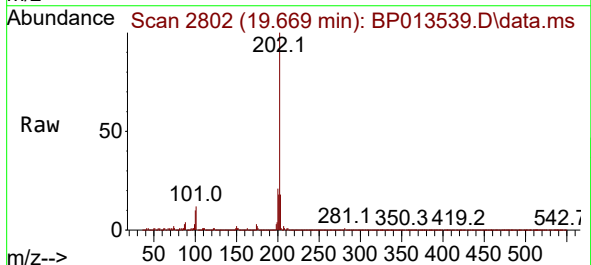
Tgt Ion:202 Resp: 3876312

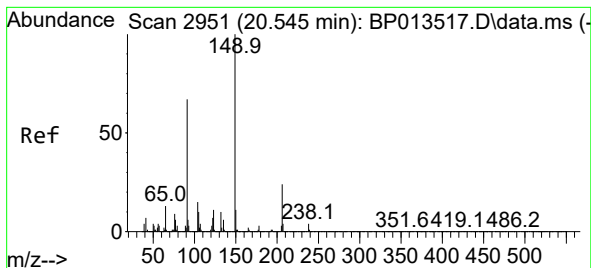
Ion Ratio Lower Upper

202 100

101 11.9 8.8 13.2

100 9.7 7.4 11.2





#83

Butylbenzylphthalate

Concen: 32.783 ng/ul

RT: 20.533 min Scan# 2951

Delta R.T. -0.006 min

Lab File: BP013539.D

Acq: 19 Jan 2023 01:03

Instrument :

BNA_P

ClientSampleId :

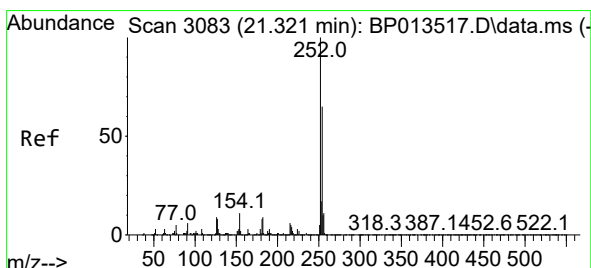
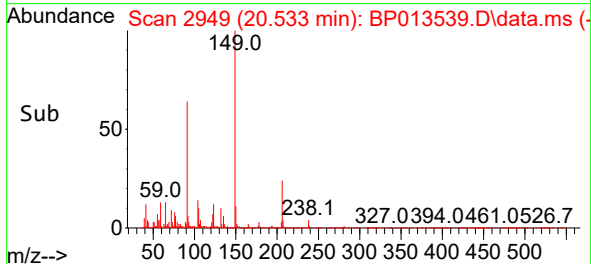
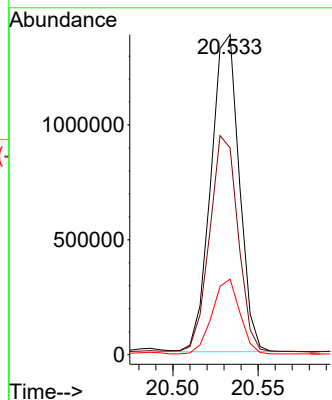
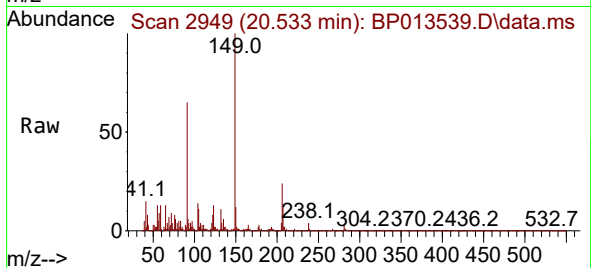
Tgt Ion:149 Resp: 1598619

Ion Ratio Lower Upper

149 100

91 64.6 55.8 83.6

206 23.6 18.5 27.7



#84

3,3'-Dichlorobenzidine

Concen: 4.377 ng/ul

RT: 21.322 min Scan# 3083

Delta R.T. 0.006 min

Lab File: BP013539.D

Acq: 19 Jan 2023 01:03

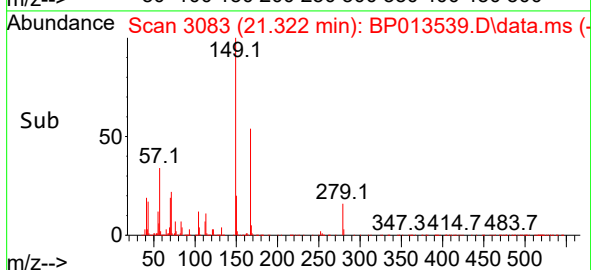
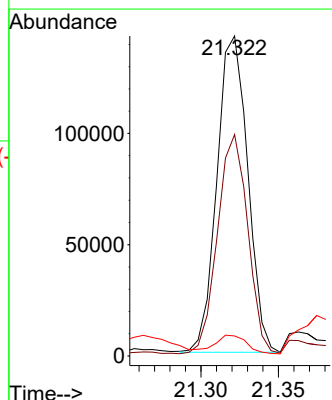
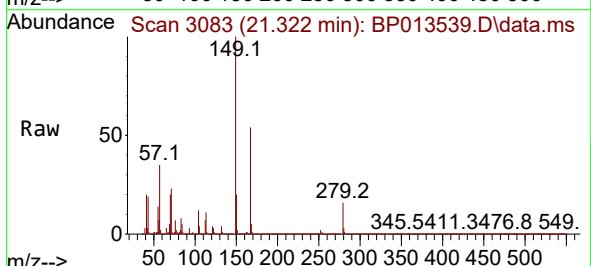
Tgt Ion:252 Resp: 196441

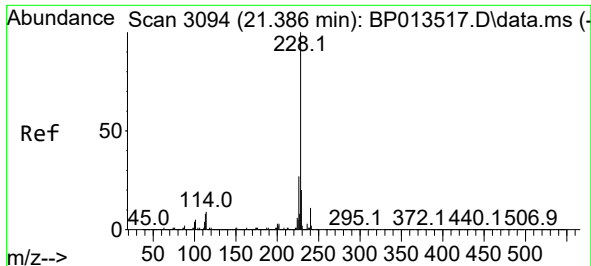
Ion Ratio Lower Upper

252 100

254 69.2 51.0 76.4

126 6.3 7.0 10.4#

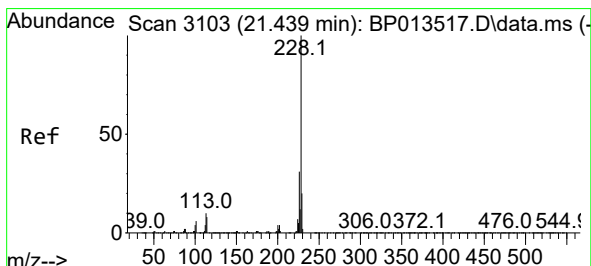
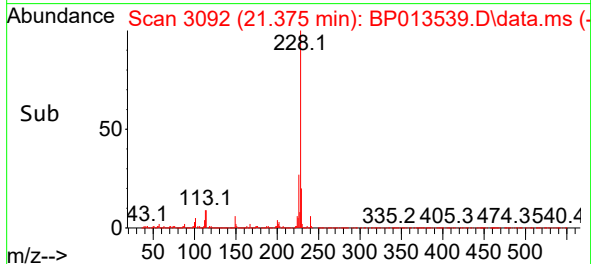
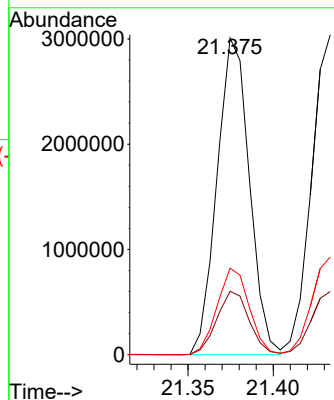
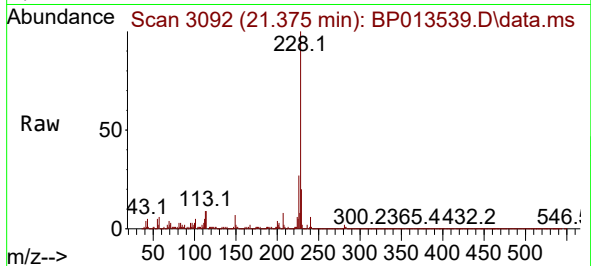




#85
Benzo(a)anthracene
Concen: 24.654 ng/ul
RT: 21.375 min Scan# 3092
Delta R.T. -0.012 min
Lab File: BP013539.D
Acq: 19 Jan 2023 01:03

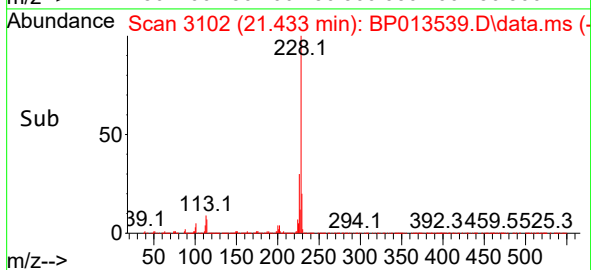
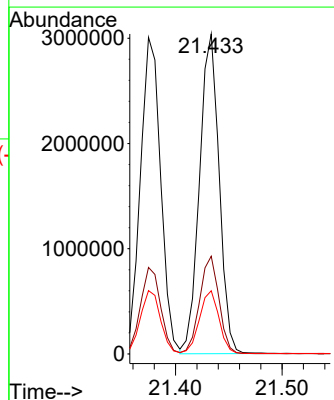
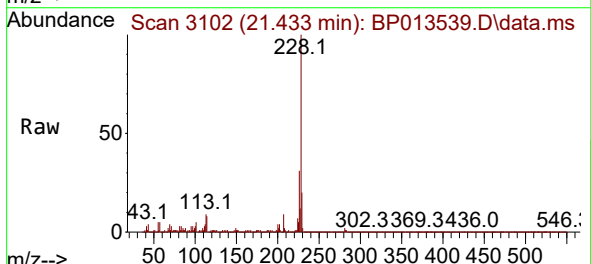
Instrument :
BNA_P
ClientSampleId :

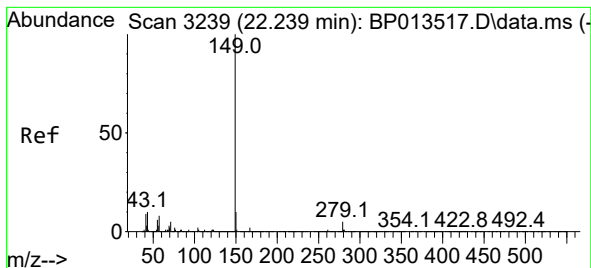
Tgt Ion:228 Resp: 3976401
Ion Ratio Lower Upper
228 100
229 20.0 15.9 23.9
226 27.3 21.2 31.8



#87
Chrysene
Concen: 24.795 ng/ul
RT: 21.433 min Scan# 3102
Delta R.T. -0.006 min
Lab File: BP013539.D
Acq: 19 Jan 2023 01:03

Tgt Ion:228 Resp: 3897931
Ion Ratio Lower Upper
228 100
226 30.5 24.2 36.2
229 19.7 15.6 23.4





#89

Di-n-octyl phthalate

Concen: 32.675 ng/ul

RT: 22.228 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP013539.D

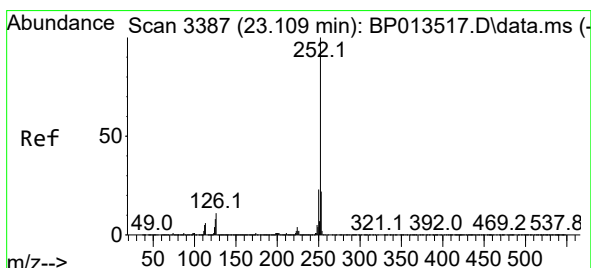
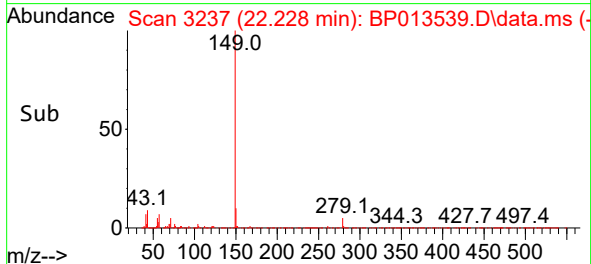
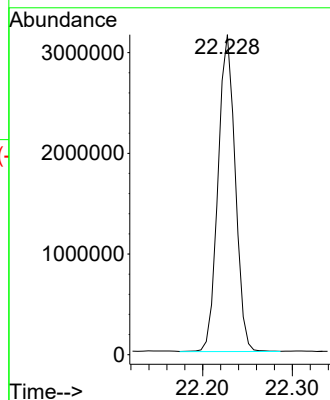
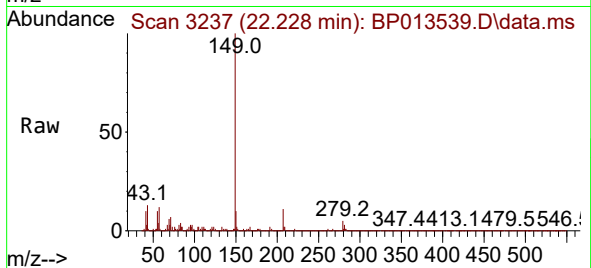
Acq: 19 Jan 2023 01:03

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:149 Resp: 4190559



#90

Benzo(b)fluoranthene

Concen: 23.669 ng/ul

RT: 23.098 min Scan# 3385

Delta R.T. -0.006 min

Lab File: BP013539.D

Acq: 19 Jan 2023 01:03

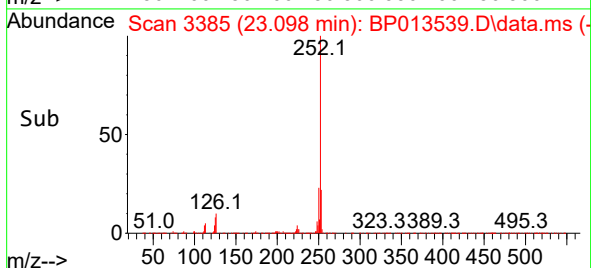
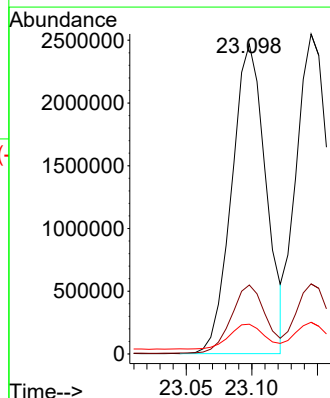
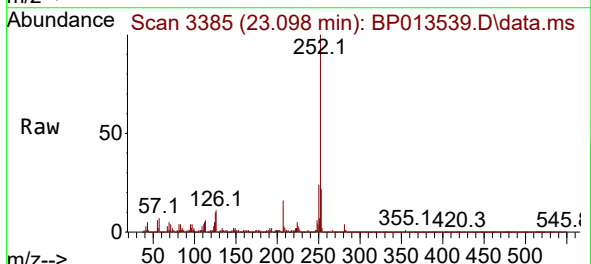
Tgt Ion:252 Resp: 4478806

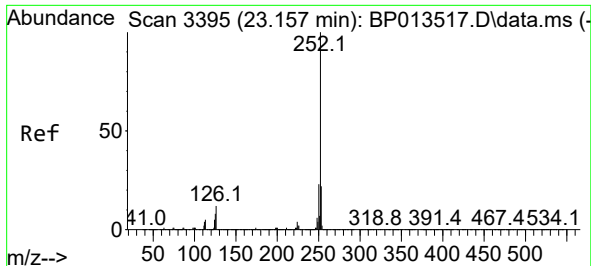
Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 9.6 7.1 10.7

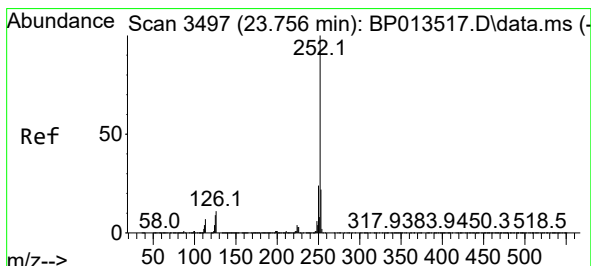
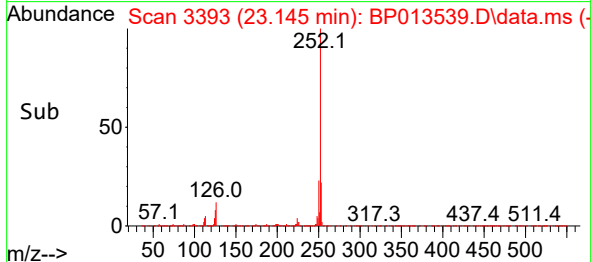
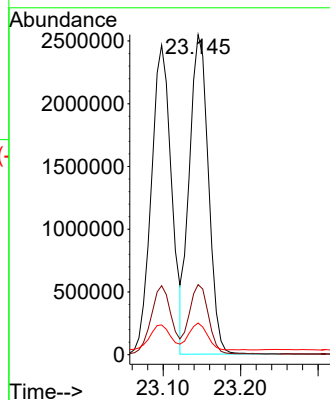
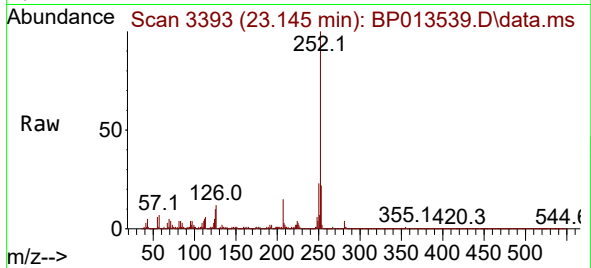




#91
Benzo(k)fluoranthene
Concen: 24.027 ng/ul
RT: 23.145 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP013539.D
Acq: 19 Jan 2023 01:03

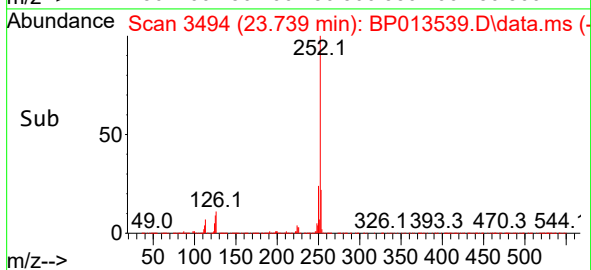
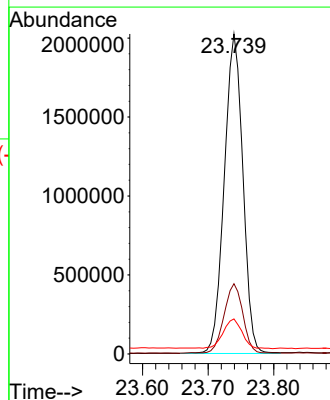
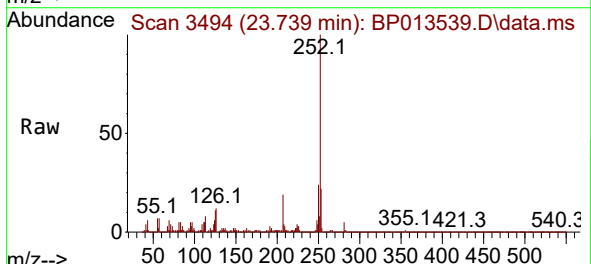
Instrument :
BNA_P
ClientSampleId :

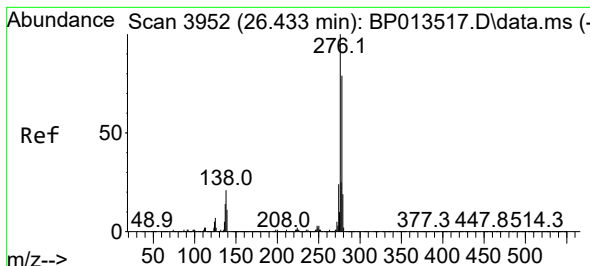
Tgt Ion:252 Resp: 4338472
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 9.9 6.9 10.3



#93
Benzo(a)pyrene
Concen: 23.928 ng/ul
RT: 23.739 min Scan# 3494
Delta R.T. -0.012 min
Lab File: BP013539.D
Acq: 19 Jan 2023 01:03

Tgt Ion:252 Resp: 3975635
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 11.0 7.6 11.4





#94

Indeno(1,2,3-cd)pyrene

Concen: 23.712 ng/ul

RT: 26.410 min Scan# 3948

Delta R.T. -0.018 min

Lab File: BP013539.D

Acq: 19 Jan 2023 01:03

Instrument :

BNA_P

ClientSampleId :

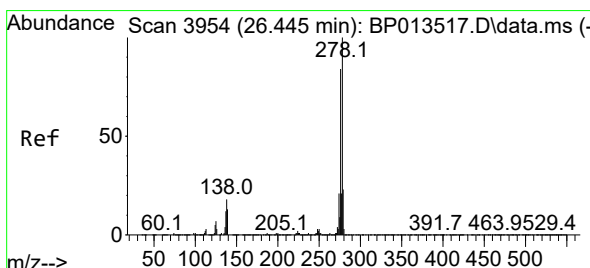
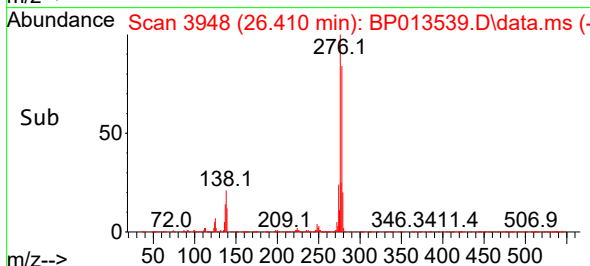
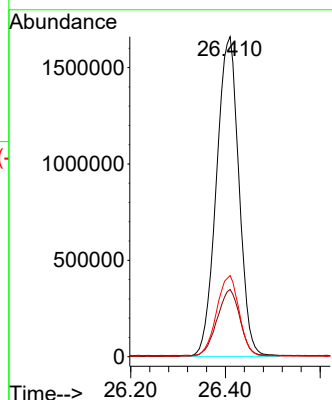
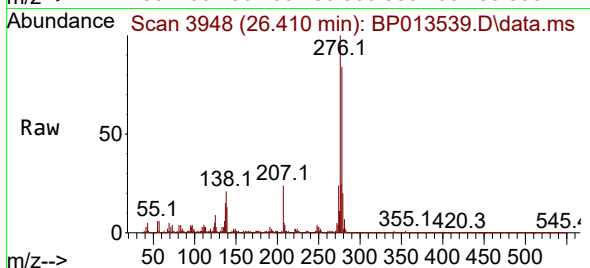
Tgt Ion:276 Resp: 5458748

Ion Ratio Lower Upper

276 100

138 21.0 17.3 25.9

277 25.3 20.1 30.1



#95

Dibenzo(a,h)anthracene

Concen: 23.727 ng/ul

RT: 26.421 min Scan# 3950

Delta R.T. -0.018 min

Lab File: BP013539.D

Acq: 19 Jan 2023 01:03

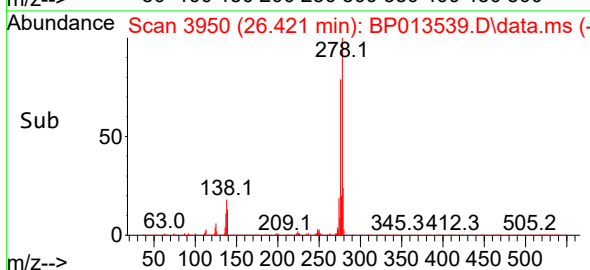
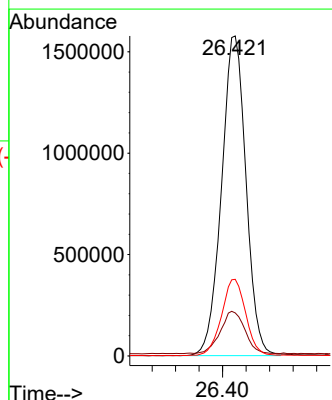
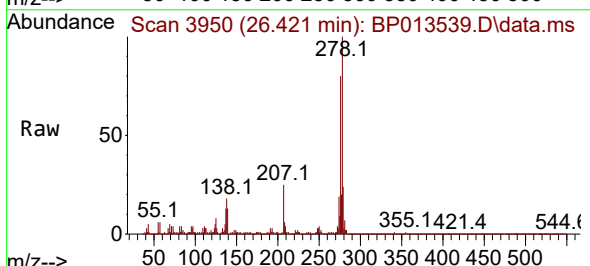
Tgt Ion:278 Resp: 4556554

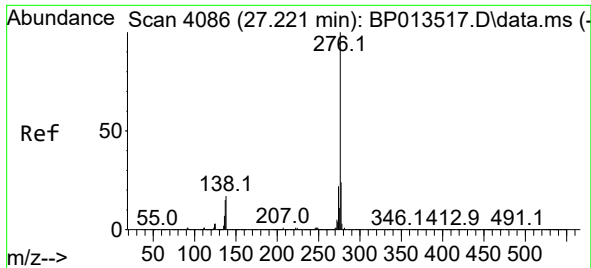
Ion Ratio Lower Upper

278 100

139 13.5 11.3 16.9

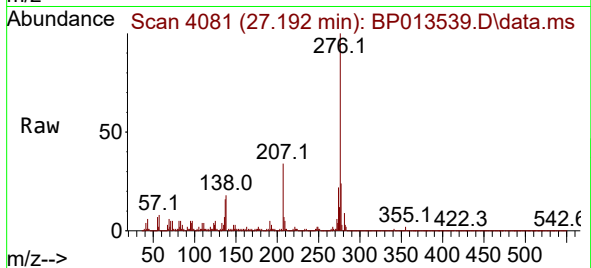
279 23.9 19.2 28.8





#96
 Benzo(g,h,i)perylene
 Concen: 20.724 ng/ul
 RT: 27.192 min Scan# 4081
 Delta R.T. -0.023 min
 Lab File: BP013539.D
 Acq: 19 Jan 2023 01:03

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion:276 Resp: 3924193
 Ion Ratio Lower Upper
 276 100
 138 17.8 14.5 21.7
 277 23.6 18.8 28.2

