

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
 Data File : BP013538.D
 Acq On : 19 Jan 2023 00:29
 Operator : CG/JU
 Sample : 01146-19MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4470MS

Quant Time: Jan 19 01:50:28 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	7.899	152	530363	20.000	ng/u1	0.00
20) Naphthalene-d8	10.710	136	1992944	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.545	164	1216619	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.422	188	3417756	20.000	ng/u1	0.11
79) Chrysene-d12	21.392	240	2786412	20.000	ng/u1	0.00
88) Perylene-d12	23.851	264	3388071	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	53794	3.943	ng/uL	0.00
4) Pyridine-d5	3.722	84	361875	9.509	ng/u1	0.00
7) Phenol-d5	7.081	99	810294	18.412	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.228	67	602690	21.708	ng/u1	0.00
11) 2-Chlorophenol-d4	7.428	132	421300	12.837	ng/u1	0.00
15) 4-Methylphenol-d8	8.616	113	755594	22.536	ng/u1	0.00
21) Nitrobenzene-d5	9.069	128	374694	26.405	ng/u1	0.00
24) 2-Nitrophenol-d4	9.793	143	134542	8.661	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	285154	9.211	ng/u1	0.00
31) 4-Chloroaniline-d4	10.851	131	913854	20.954	ng/u1	0.00
46) Dimethylphthalate-d6	13.951	166	2358670	26.610	ng/u1	0.00
49) Acenaphthylene-d8	14.239	160	2807188	28.611	ng/u1	0.00
54) 4-Nitrophenol-d4	14.751	143	10086	0.622	ng/u1	0.00
60) Fluorene-d10	15.539	176	2148724	27.444	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	203	0.009	ng/u1	0.08
73) Anthracene-d10	17.422	188	3417756	22.624	ng/u1	0.01
81) Pyrene-d10	19.645	212	4313794	28.454	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.692	264	4603981	27.664	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.328	88	104224	6.936	ng/uL	95
5) Pyridine	3.746	79	350873	9.117	ng/u1	98
6) Benzaldehyde	7.040	77	603591	35.960	ng/u1	94
8) Phenol	7.110	94	1003383	22.038	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.322	93	755395	20.982	ng/u1	99
12) 2-Chlorophenol	7.463	128	780856	22.839	ng/u1	95
13) 2-Methylphenol	8.352	108	719878	22.016	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.428	45	1135165	20.433	ng/u1	99
16) Acetophenone	8.734	105	1209688	22.860	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.710	70	563303	22.265	ng/u1	99
18) 4-Methylphenol	8.675	108	785698	21.861	ng/u1	99
19) Hexachloroethane	8.981	117	320765	23.284	ng/u1	97
22) Nitrobenzene	9.110	77	862766	23.293	ng/u1	96
23) Isophorone	9.634	82	1584277	24.441	ng/u1	100
25) 2-Nitrophenol	9.822	139	446352	26.429	ng/u1	97
26) 2,4-Dimethylphenol	9.881	107	800100	22.708	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.116	93	982663	22.941	ng/u1	97
29) 2,4-Dichlorophenol	10.357	162	773945	24.989	ng/u1	99
30) Naphthalene	10.757	128	2468778	23.286	ng/u1	99
32) 4-Chloroaniline	10.875	127	806073	18.383	ng/u1	99
33) Hexachlorobutadiene	11.034	225	548892	24.680	ng/u1	97
34) Caprolactam	11.657	113	223056	24.208	ng/u1	95
35) 4-Chloro-3-methylphenol	11.998	107	779455	26.076	ng/u1	99
36) 2-Methylnaphthalene	12.369	142	1674530	24.697	ng/u1	98

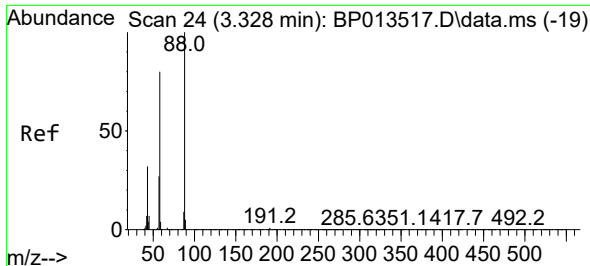
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 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 18 01:06:35 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.587	142	1708996	24.300	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.734	216	1016353	24.367	ng/ul	99
40) Hexachlorocyclopentadiene	12.710	237	528864	21.077	ng/ul	99
41) 2,4,6-Trichlorophenol	12.975	196	668897	27.262	ng/ul	97
42) 2,4,5-Trichlorophenol	13.051	196	709193	26.561	ng/ul	97
43) 1,1'-Biphenyl	13.375	154	2274905	24.629	ng/ul	100
44) 2-Chloronaphthalene	13.422	162	1806801	24.241	ng/ul	99
45) 2-Nitroaniline	13.628	65	516691	28.646	ng/ul	99
47) Dimethylphthalate	13.998	163	2222745	25.100	ng/ul	99
48) 2,6-Dinitrotoluene	14.128	165	454415	29.632	ng/ul	92
50) Acenaphthylene	14.263	152	2797599	25.872	ng/ul	99
51) 3-Nitroaniline	14.457	138	416464	25.639	ng/ul	96
52) Acenaphthene	14.610	153	1944557	25.126	ng/ul	100
53) 2,4-Dinitrophenol	14.669	184	263674	23.099	ng/ul#	83
55) 4-Nitrophenol	14.763	109	301327	24.435	ng/ul	93
56) Dibenzofuran	14.945	168	2774457	24.961	ng/ul	98
57) 2,4-Dinitrotoluene	14.916	165	670437	29.411	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.169	232	640002	27.477	ng/ul	100
59) Diethylphthalate	15.369	149	2245836	27.095	ng/ul	99
61) Fluorene	15.592	166	2325187	26.207	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.586	204	1191134	25.708	ng/ul	96
63) 4-Nitroaniline	15.622	138	492649	32.804	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.828	198	34190	1.598	ng/ul#	1
67) N-Nitrosodiphenylamine	15.804	169	993386	10.747	ng/ul	100
68) 4-Bromophenyl-phenylether	16.492	248	768175	21.699	ng/ul	97
69) Hexachlorobenzene	16.604	284	881343	20.647	ng/ul	98
70) Atrazine	16.775	200	779719	22.065	ng/ul	99
71) Pentachlorophenol	16.951	266	471256	18.548	ng/ul	97
72) Phenanthrene	17.457	178	3675445	20.228	ng/ul	99
74) Anthracene	17.457	178	3675042	20.476	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.339	216	1005044	19.473	ng/uL	99
76) Pentachlorobenzene	14.863	250	1007237	20.044	ng/uL	99
77) Carbazole	17.722	167	3443596	22.151	ng/ul	99
78) Di-n-butylphthalate	18.275	149	4127901	27.075	ng/ul	99
80) Fluoranthene	19.333	202	4670911	26.919	ng/ul	97
82) Pyrene	19.674	202	4861470	26.442	ng/ul	99
83) Butylbenzylphthalate	20.533	149	2016772	36.150	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.327	252	194779	3.793	ng/ul	99
85) Benzo(a)anthracene	21.380	228	3953129	21.423	ng/ul	99
87) Chrysene	21.433	228	4738063	26.344	ng/ul	99
89) Di-n-octyl phthalate	22.227	149	5175162	35.637	ng/ul	100
90) Benzo(b)fluoranthene	23.104	252	5584756	26.065	ng/ul	99
91) Benzo(k)fluoranthene	23.151	252	5060678	24.752	ng/ul	99
93) Benzo(a)pyrene	23.745	252	4803369	25.532	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.415	276	6537691	25.080	ng/ul	100
95) Dibenzo(a,h)anthracene	26.427	278	5467841	25.145	ng/ul	99
96) Benzo(g,h,i)perylene	27.198	276	4677826	21.818	ng/ul	99

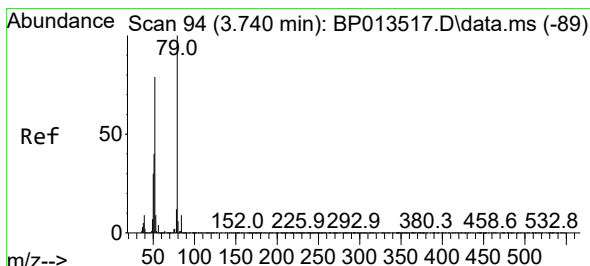
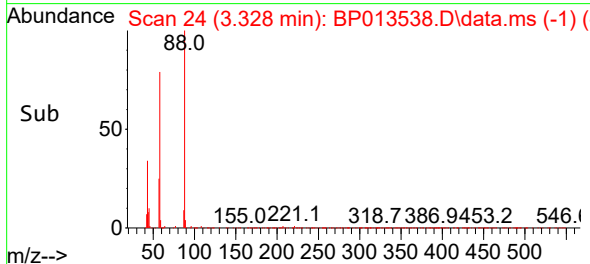
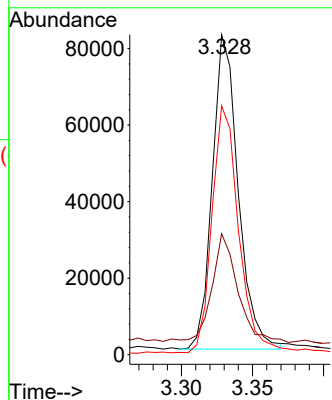
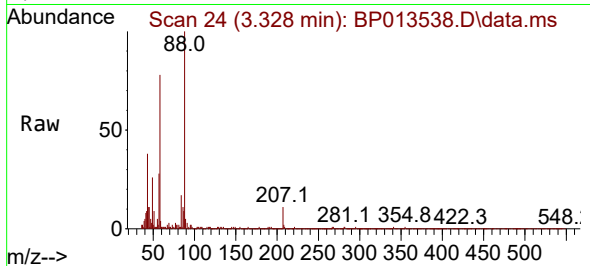
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#2
1,4-Dioxane
Concen: 6.936 ng/uL
RT: 3.328 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP013538.D
Acq: 19 Jan 2023 00:29

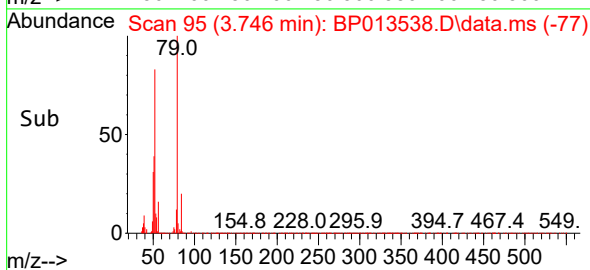
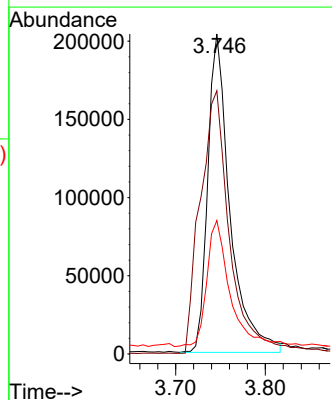
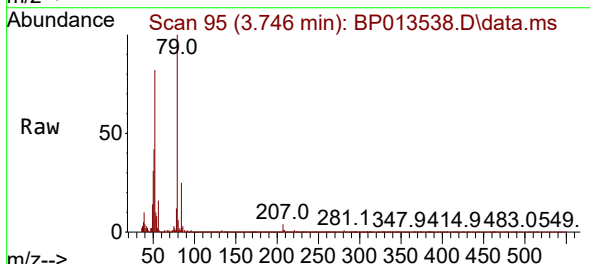
Instrument :
BNA_P
ClientSampleId :
A4470MS

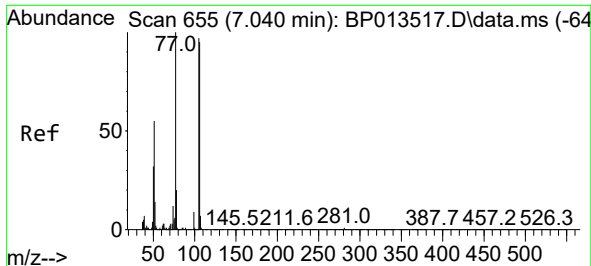
Tgt Ion: 88 Resp: 104224
Ion Ratio Lower Upper
88 100
43 37.8 26.6 40.0
58 77.7 64.7 97.1



#5
Pyridine
Concen: 9.117 ng/uL
RT: 3.746 min Scan# 95
Delta R.T. 0.006 min
Lab File: BP013538.D
Acq: 19 Jan 2023 00:29

Tgt Ion: 79 Resp: 350873
Ion Ratio Lower Upper
79 100
52 82.2 67.7 101.5
51 41.7 32.3 48.5

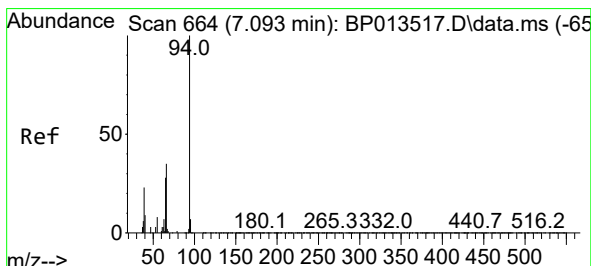
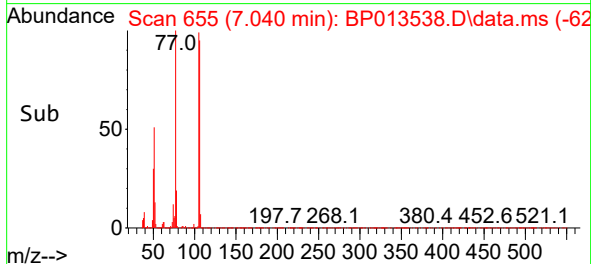
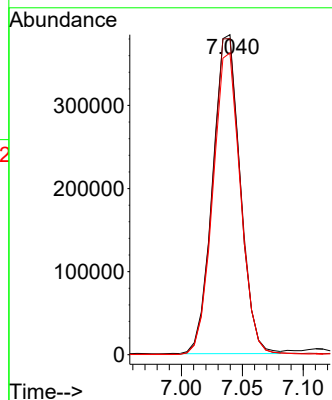
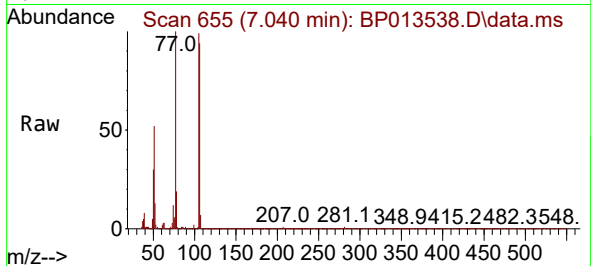




#6
Benzaldehyde
Concen: 35.960 ng/ul
RT: 7.040 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP013538.D
Acq: 19 Jan 2023 00:29

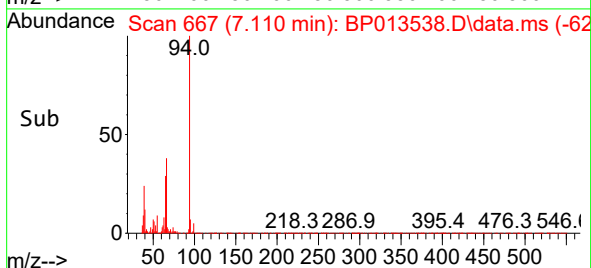
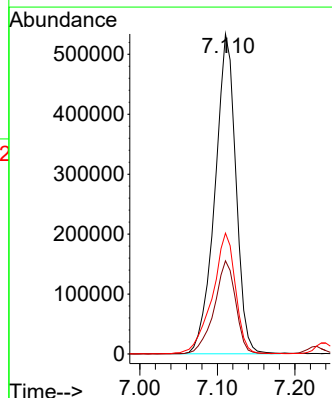
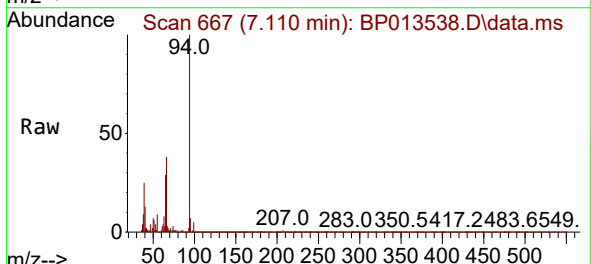
Instrument :
BNA_P
ClientSampleId :
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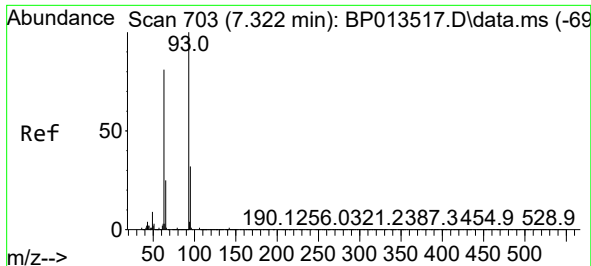
Tgt Ion: 77 Resp: 603591
Ion Ratio Lower Upper
77 100
105 98.8 75.4 113.0
106 94.3 69.8 104.8



#8
Phenol
Concen: 22.038 ng/ul
RT: 7.110 min Scan# 667
Delta R.T. 0.023 min
Lab File: BP013538.D
Acq: 19 Jan 2023 00:29

Tgt Ion: 94 Resp: 1003383
Ion Ratio Lower Upper
94 100
65 29.1 22.8 34.2
66 37.7 28.6 42.8



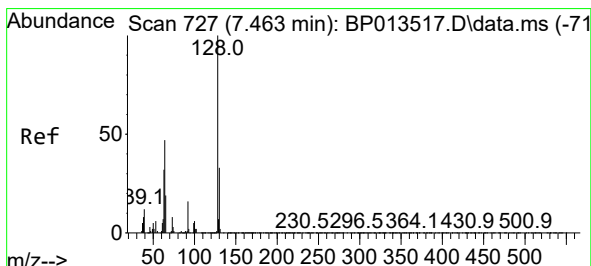
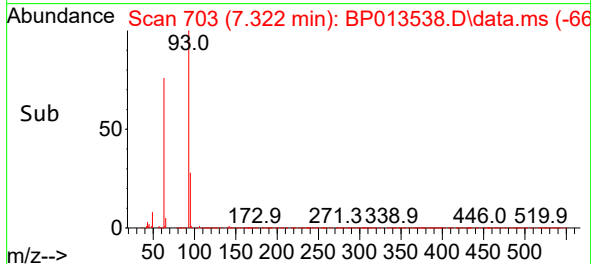
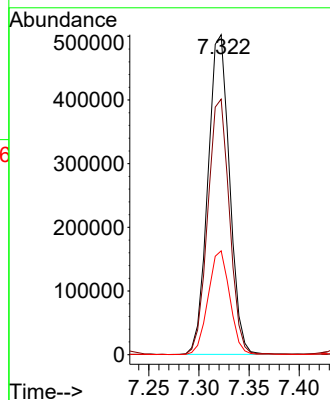
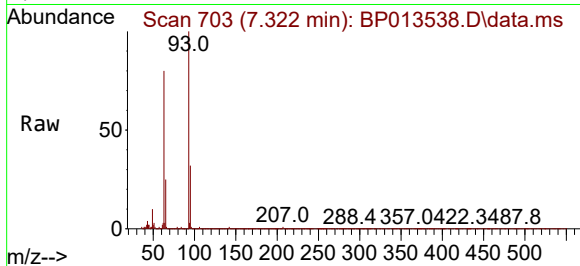


#10
 Bis(2-Chloroethyl)ether
 Concen: 20.982 ng/ul
 RT: 7.322 min Scan# 703
 Delta R.T. -0.000 min
 Lab File: BP013538.D
 Acq: 19 Jan 2023 00:29

Instrument :
 BNA_P
 ClientSampleId :
 A4470MS

Tgt Ion: 93 Resp: 755395

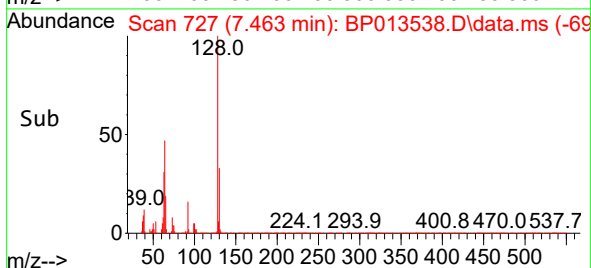
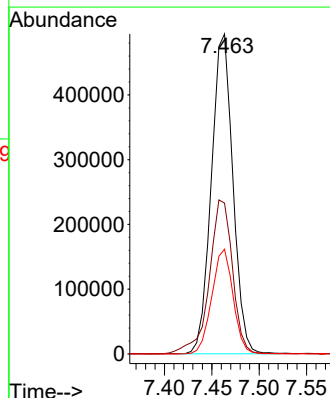
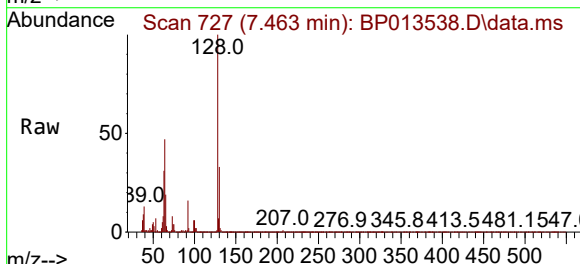
Ion	Ratio	Lower	Upper
93	100		
63	79.8	64.7	97.1
95	32.4	25.7	38.5

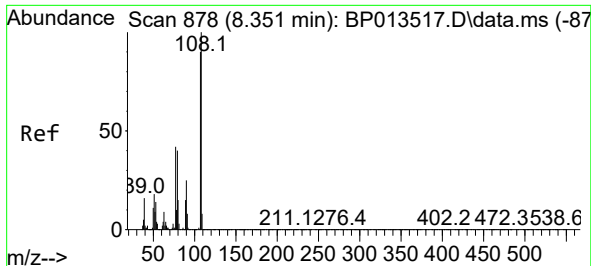


#12
 2-Chlorophenol
 Concen: 22.839 ng/ul
 RT: 7.463 min Scan# 727
 Delta R.T. -0.000 min
 Lab File: BP013538.D
 Acq: 19 Jan 2023 00:29

Tgt Ion:128 Resp: 780856

Ion	Ratio	Lower	Upper
128	100		
64	47.2	41.4	62.2
130	32.8	24.9	37.3





#13

2-Methylphenol

Concen: 22.016 ng/ul

RT: 8.352 min Scan# 81

Delta R.T. 0.006 min

Lab File: BP013538.D

Acq: 19 Jan 2023 00:29

Instrument :

BNA_P

ClientSampleId :

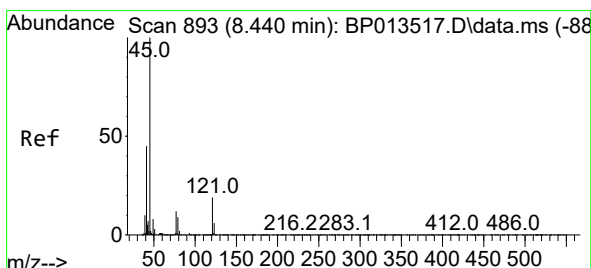
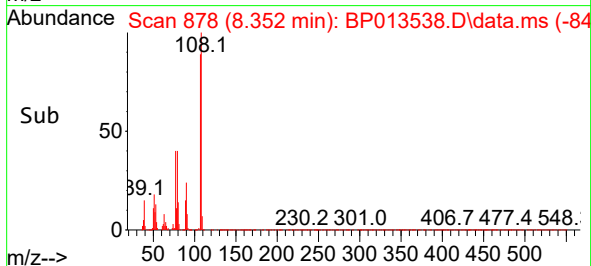
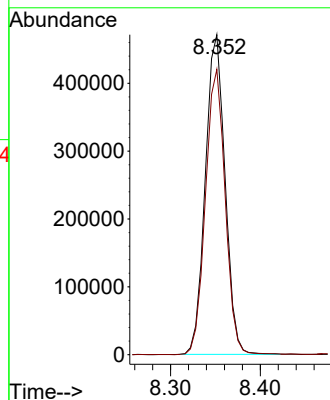
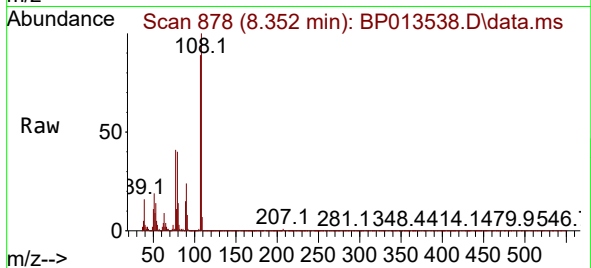
A4470MS

Tgt Ion:108 Resp: 719878

Ion Ratio Lower Upper

108 100

107 89.1 69.4 104.0



#14

2,2'-oxybis(1-Chloropropane)

Concen: 20.433 ng/ul

RT: 8.428 min Scan# 891

Delta R.T. -0.006 min

Lab File: BP013538.D

Acq: 19 Jan 2023 00:29

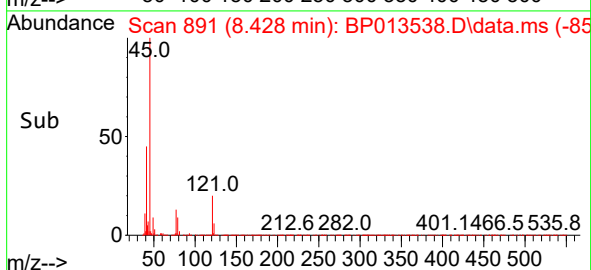
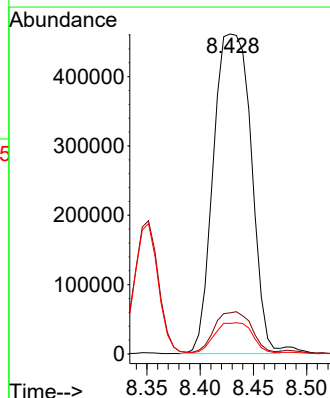
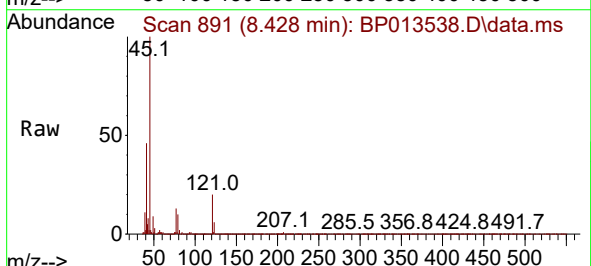
Tgt Ion: 45 Resp: 1135165

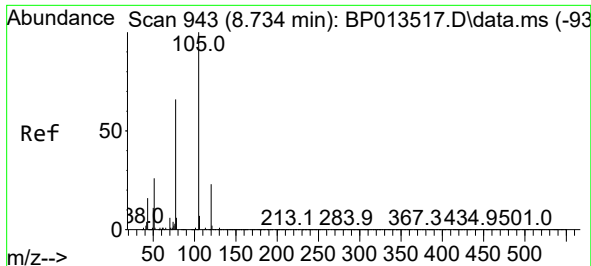
Ion Ratio Lower Upper

45 100

77 12.8 10.1 15.1

79 9.5 7.0 10.4

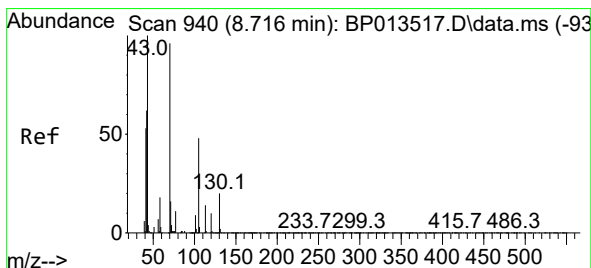
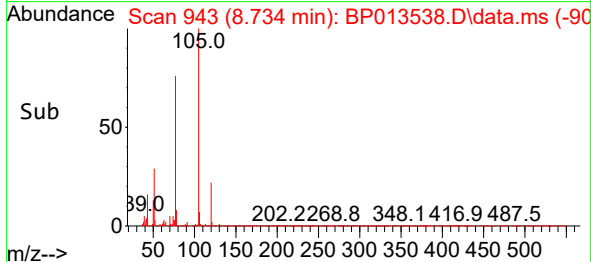
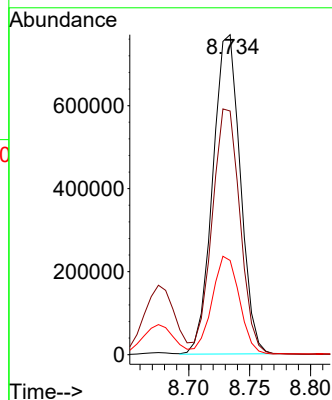
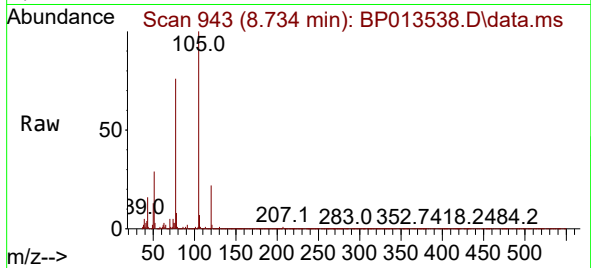




#16
Acetophenone
Concen: 22.860 ng/ul
RT: 8.734 min Scan# 943
Delta R.T. 0.006 min
Lab File: BP013538.D
Acq: 19 Jan 2023 00:29

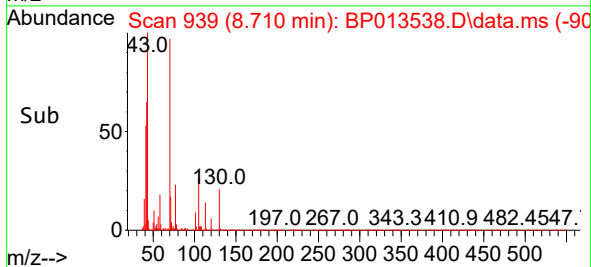
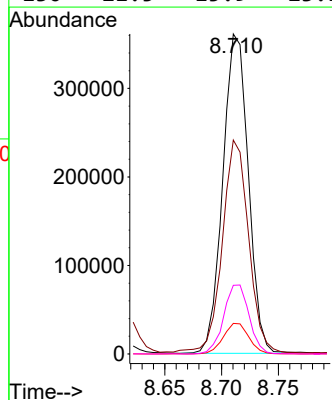
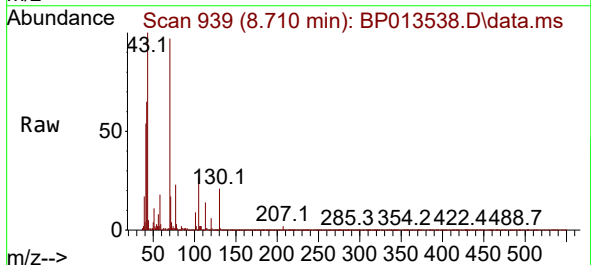
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ClientSampleId :
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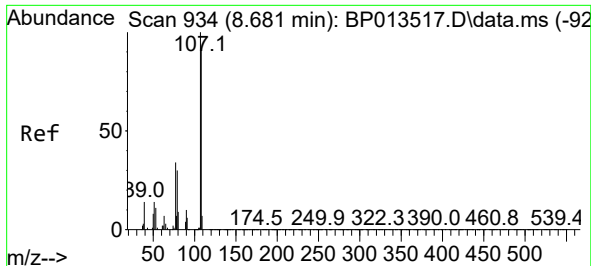
Tgt Ion:105 Resp: 1209688
Ion Ratio Lower Upper
105 100
77 76.1 62.5 93.7
51 29.5 24.7 37.1



#17
N-Nitroso-di-n-propylamine
Concen: 22.265 ng/ul
RT: 8.710 min Scan# 939
Delta R.T. -0.000 min
Lab File: BP013538.D
Acq: 19 Jan 2023 00:29

Tgt Ion: 70 Resp: 563303
Ion Ratio Lower Upper
70 100
42 66.8 53.6 80.4
101 9.5 8.0 12.0
130 21.5 15.9 23.9

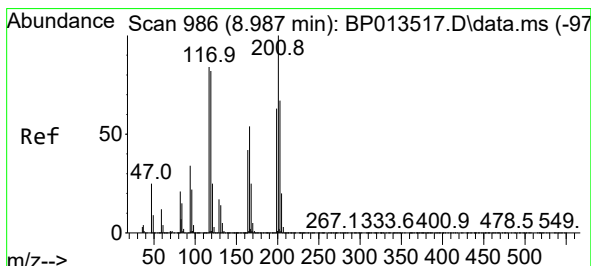
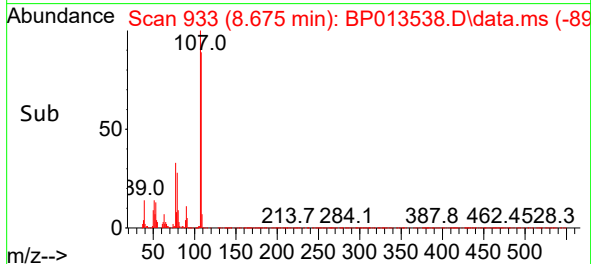
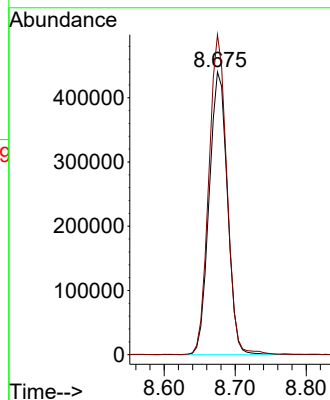
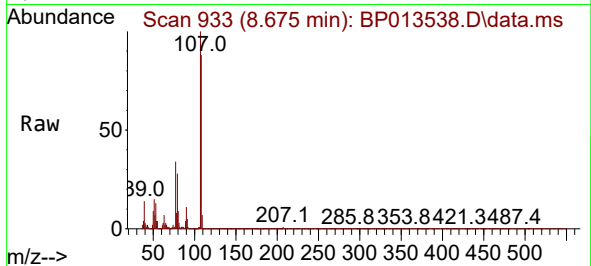




#18
4-Methylphenol
Concen: 21.861 ng/ul
RT: 8.675 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP013538.D
Acq: 19 Jan 2023 00:29

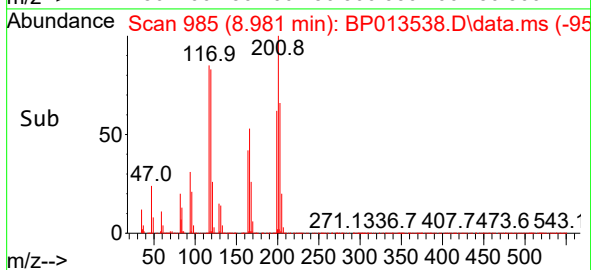
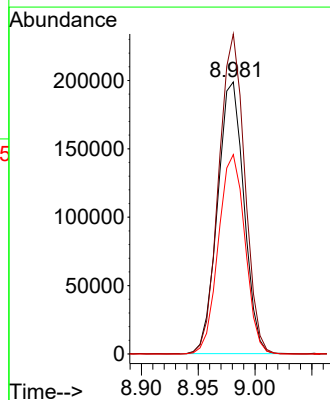
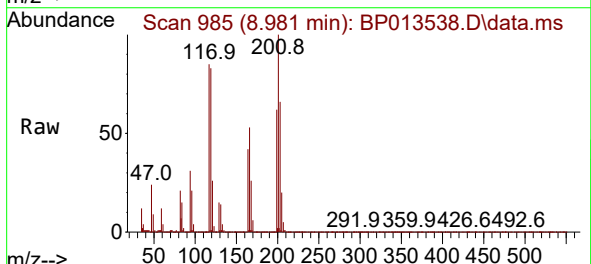
Instrument :
BNA_P
ClientSampleId :
A4470MS

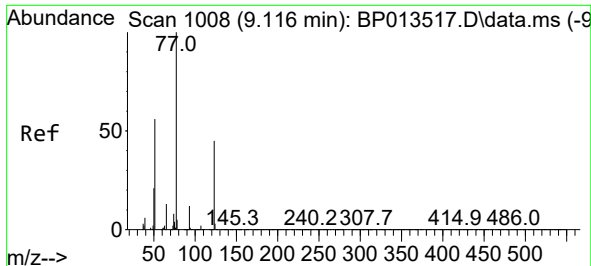
Tgt Ion:108 Resp: 785698
Ion Ratio Lower Upper
108 100
107 113.2 89.5 134.3



#19
Hexachloroethane
Concen: 23.284 ng/ul
RT: 8.981 min Scan# 985
Delta R.T. -0.000 min
Lab File: BP013538.D
Acq: 19 Jan 2023 00:29

Tgt Ion:117 Resp: 320765
Ion Ratio Lower Upper
117 100
201 117.6 90.6 136.0
199 73.3 58.7 88.1

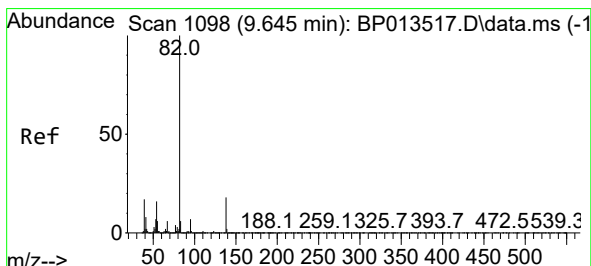
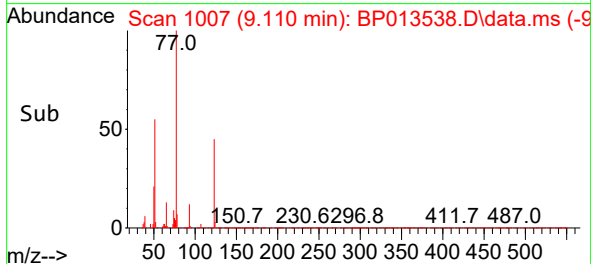
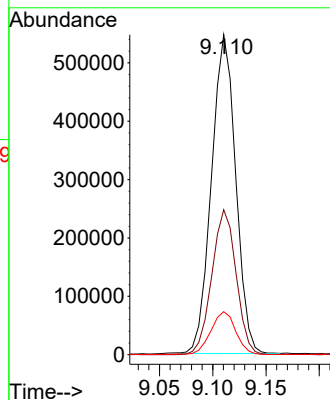
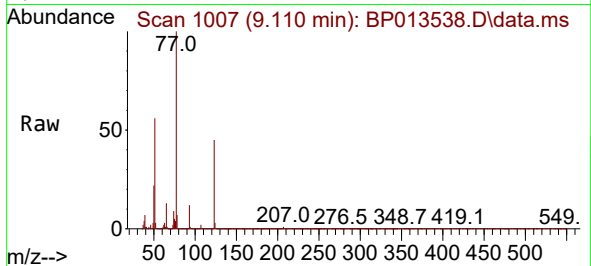




#22
Nitrobenzene
Concen: 23.293 ng/ul
RT: 9.110 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BP013538.D
Acq: 19 Jan 2023 00:29

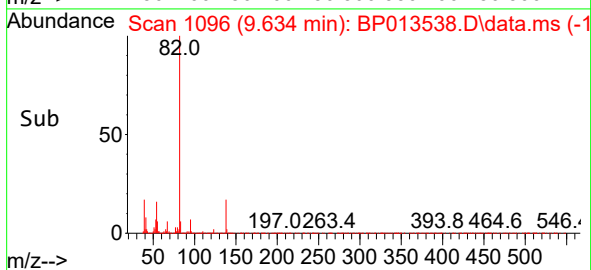
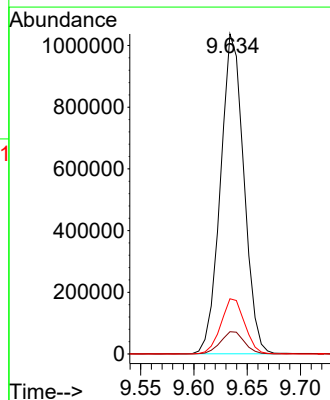
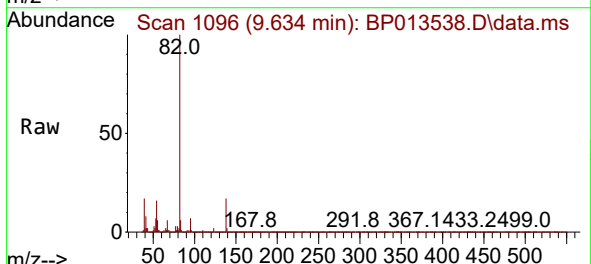
Instrument :
BNA_P
ClientSampleId :
A4470MS

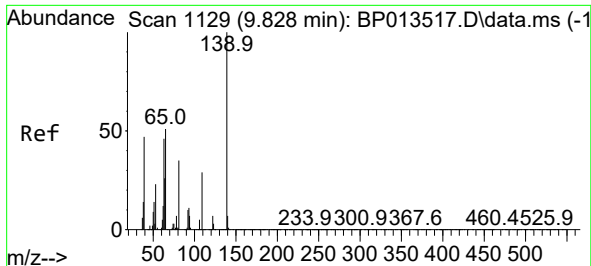
Tgt Ion: 77 Resp: 862766
Ion Ratio Lower Upper
77 100
123 45.3 33.7 50.5
65 13.5 11.0 16.4



#23
Isophorone
Concen: 24.441 ng/ul
RT: 9.634 min Scan# 1096
Delta R.T. -0.006 min
Lab File: BP013538.D
Acq: 19 Jan 2023 00:29

Tgt Ion: 82 Resp: 1584277
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.0
138 17.2 13.8 20.6

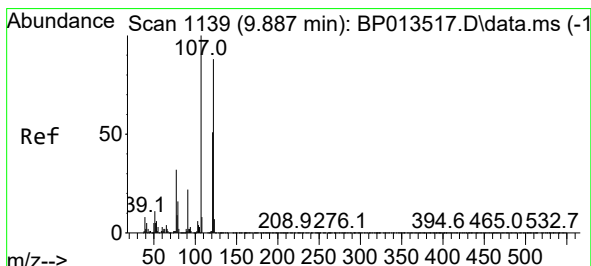
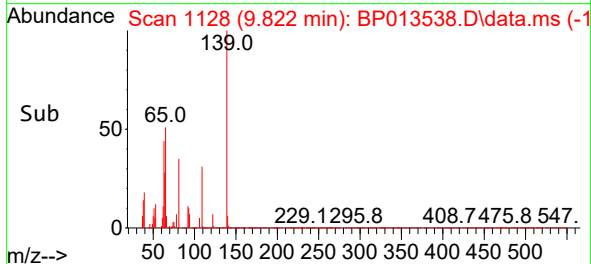
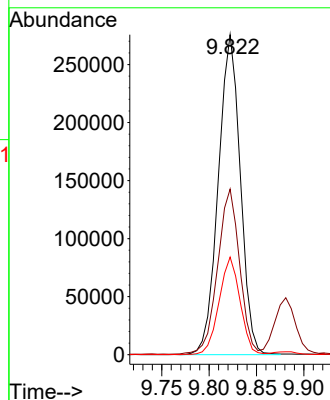
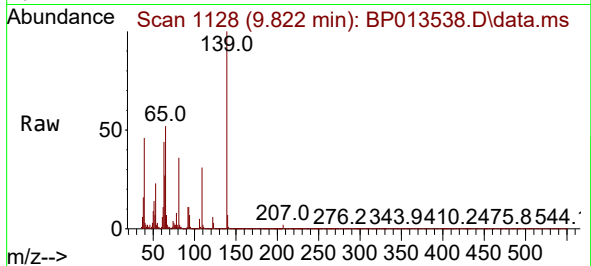




#25
2-Nitrophenol
Concen: 26.429 ng/ul
RT: 9.822 min Scan# 1129
Delta R.T. -0.000 min
Lab File: BP013538.D
Acq: 19 Jan 2023 00:29

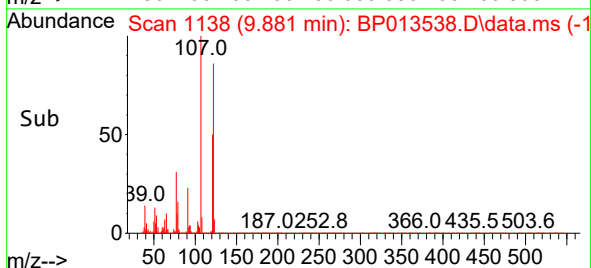
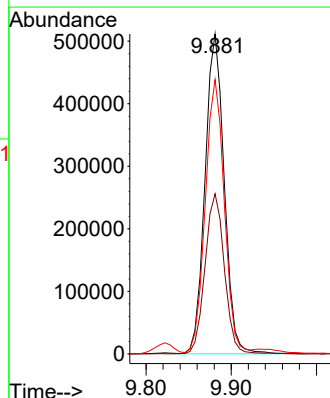
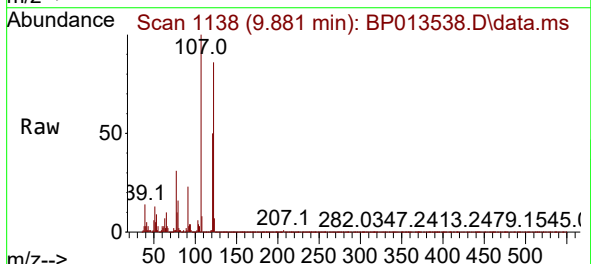
Instrument :
BNA_P
ClientSampleId :
A4470MS

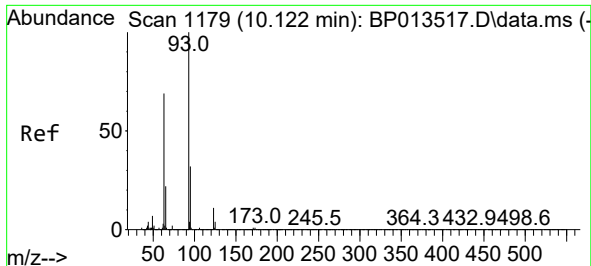
Tgt Ion:139 Resp: 446352
Ion Ratio Lower Upper
139 100
65 51.7 43.0 64.6
109 30.5 23.4 35.2



#26
2,4-Dimethylphenol
Concen: 22.708 ng/ul
RT: 9.881 min Scan# 1138
Delta R.T. -0.000 min
Lab File: BP013538.D
Acq: 19 Jan 2023 00:29

Tgt Ion:107 Resp: 800100
Ion Ratio Lower Upper
107 100
121 50.1 39.9 59.9
122 85.7 68.3 102.5

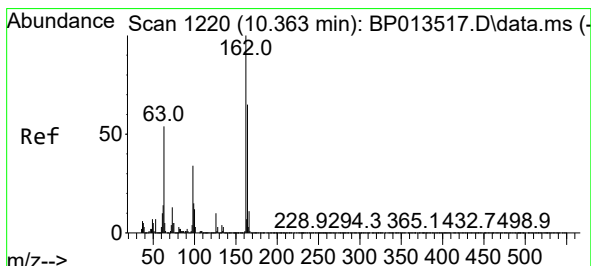
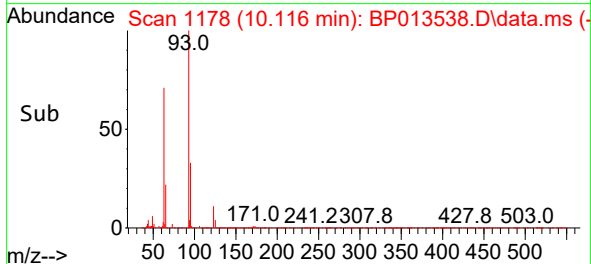
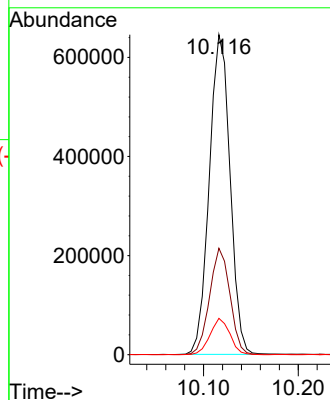
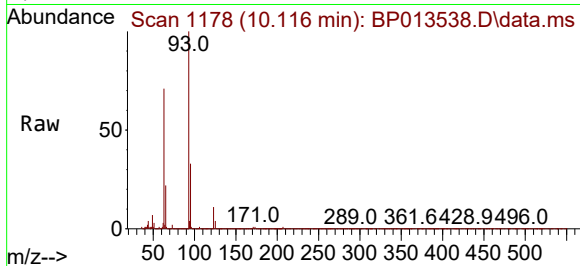




#27
 Bis(2-Chloroethoxy)methane
 Concen: 22.941 ng/ul
 RT: 10.116 min Scan# 1178
 Delta R.T. -0.006 min
 Lab File: BP013538.D
 Acq: 19 Jan 2023 00:29

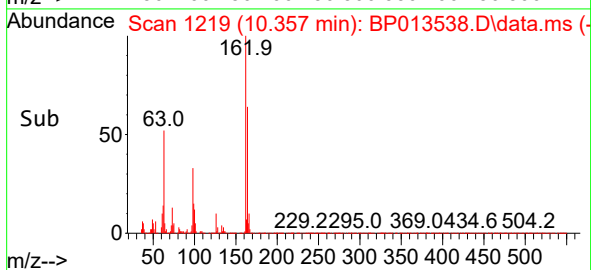
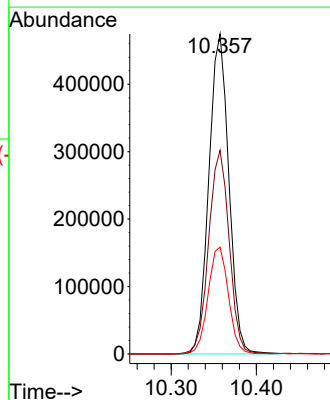
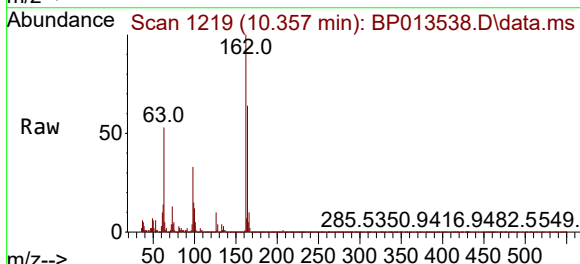
Instrument :
 BNA_P
 ClientSampleId :
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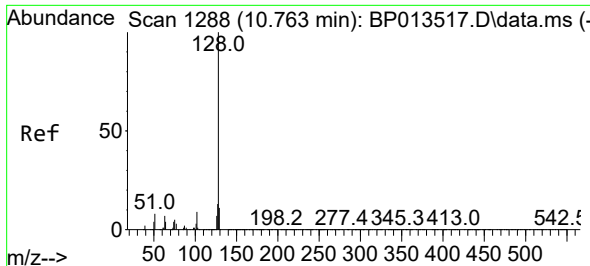
Tgt Ion: 93 Resp: 982663
 Ion Ratio Lower Upper
 93 100
 95 33.2 25.3 37.9
 123 11.3 8.4 12.6



#29
 2,4-Dichlorophenol
 Concen: 24.989 ng/ul
 RT: 10.357 min Scan# 1219
 Delta R.T. -0.000 min
 Lab File: BP013538.D
 Acq: 19 Jan 2023 00:29

Tgt Ion: 162 Resp: 773945
 Ion Ratio Lower Upper
 162 100
 164 63.6 51.9 77.9
 98 33.4 27.1 40.7

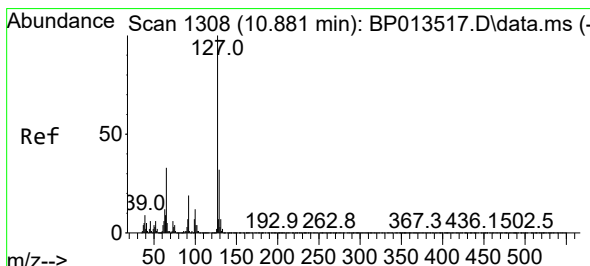
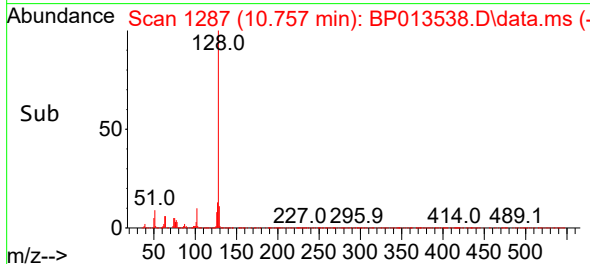
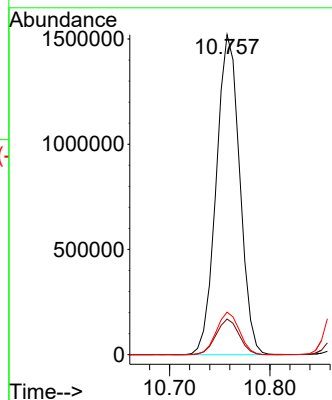
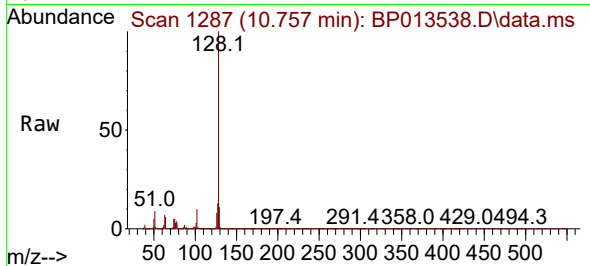




#30
Naphthalene
Concen: 23.286 ng/ul
RT: 10.757 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BP013538.D
Acq: 19 Jan 2023 00:29

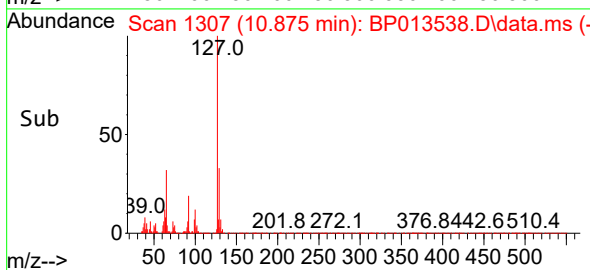
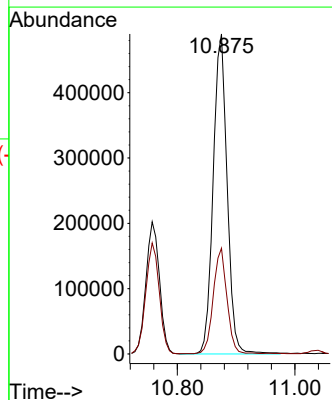
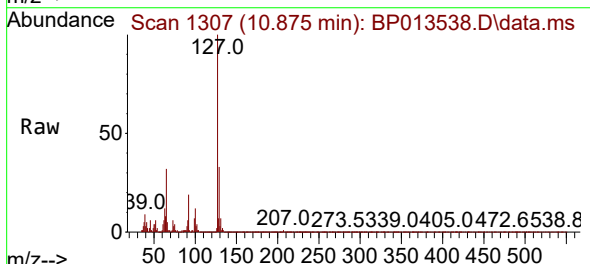
Instrument :
BNA_P
ClientSampleId :
A4470MS

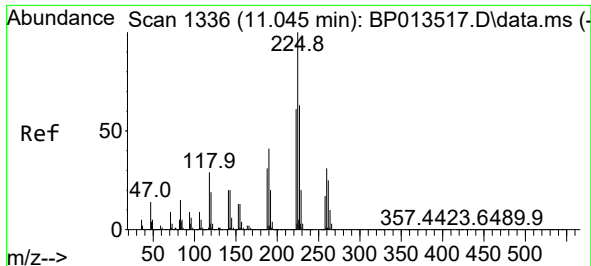
Tgt Ion:128 Resp: 2468778
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.3 10.1 15.1



#32
4-Chloroaniline
Concen: 18.383 ng/ul
RT: 10.875 min Scan# 1307
Delta R.T. -0.000 min
Lab File: BP013538.D
Acq: 19 Jan 2023 00:29

Tgt Ion:127 Resp: 806073
Ion Ratio Lower Upper
127 100
129 33.1 26.1 39.1

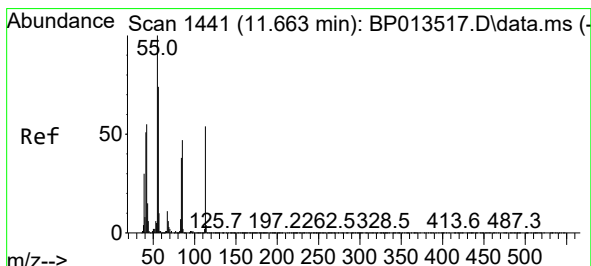
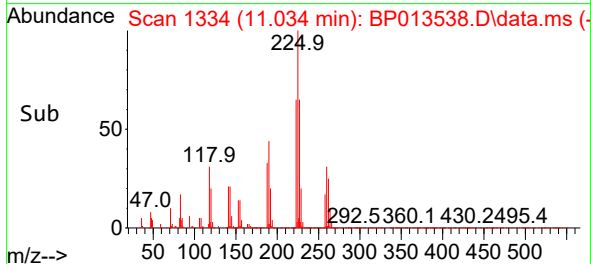
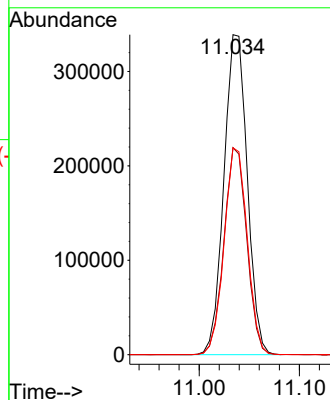
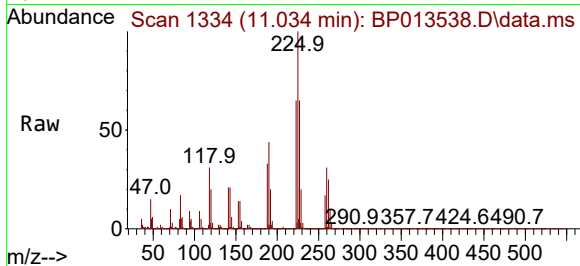




#33
Hexachlorobutadiene
Concen: 24.680 ng/ul
RT: 11.034 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP013538.D
Acq: 19 Jan 2023 00:29

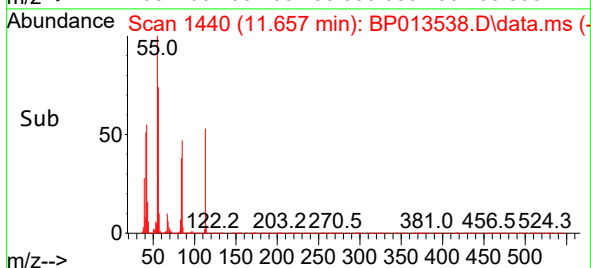
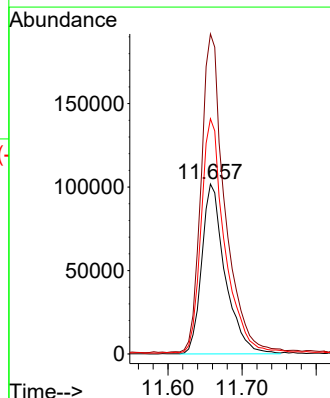
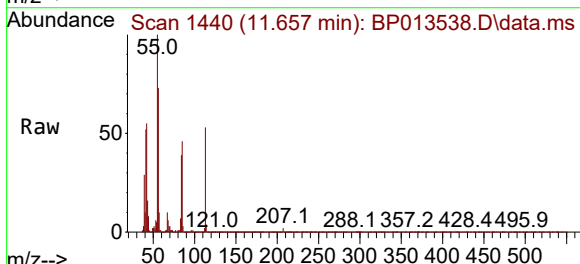
Instrument :
BNA_P
ClientSampleId :
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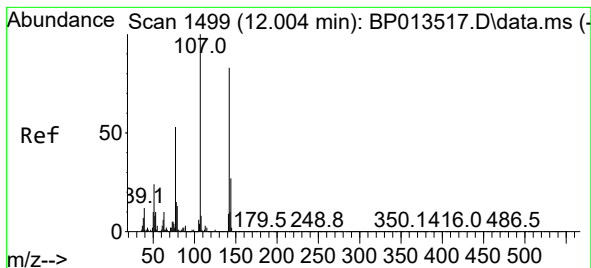
Tgt Ion:225 Resp: 548892
Ion Ratio Lower Upper
225 100
223 64.7 48.8 73.2
227 64.6 50.6 76.0



#34
Caprolactam
Concen: 24.208 ng/ul
RT: 11.657 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BP013538.D
Acq: 19 Jan 2023 00:29

Tgt Ion:113 Resp: 223056
Ion Ratio Lower Upper
113 100
55 188.3 156.4 234.6
56 138.4 117.1 175.7

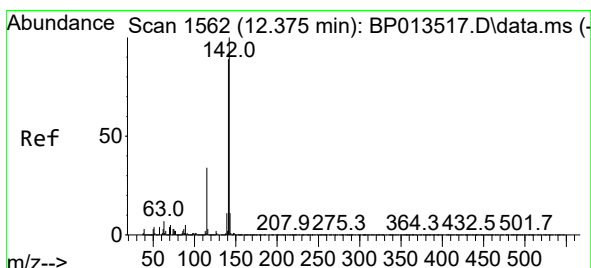
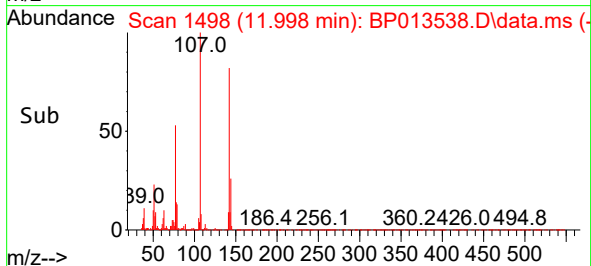
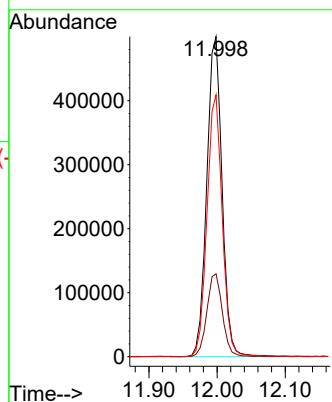
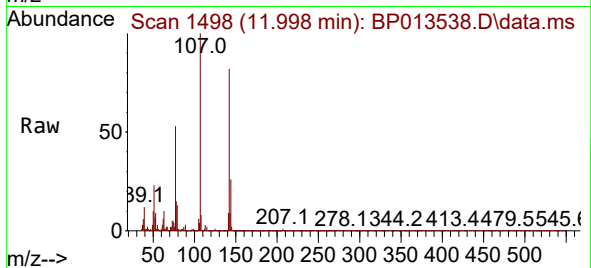




#35
4-Chloro-3-methylphenol
Concen: 26.076 ng/ul
RT: 11.998 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BP013538.D
Acq: 19 Jan 2023 00:29

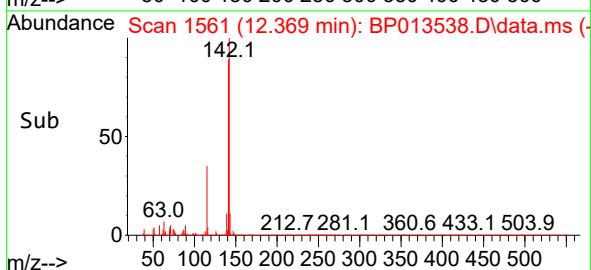
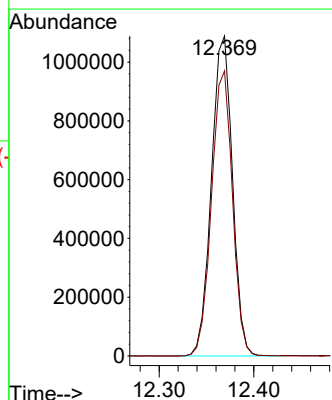
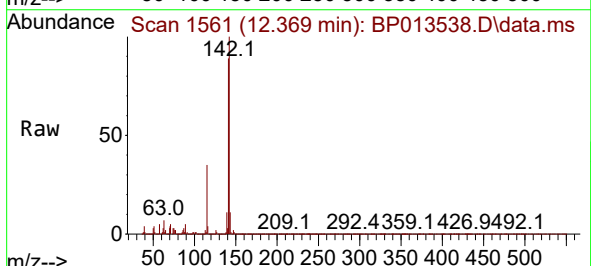
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ClientSampleId :
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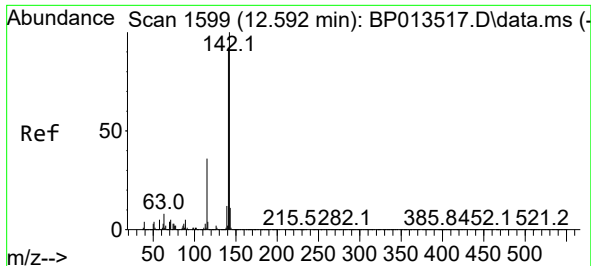
Tgt Ion:107 Resp: 779455
Ion Ratio Lower Upper
107 100
144 25.9 21.0 31.6
142 81.8 64.8 97.2



#36
2-Methylnaphthalene
Concen: 24.697 ng/ul
RT: 12.369 min Scan# 1561
Delta R.T. -0.000 min
Lab File: BP013538.D
Acq: 19 Jan 2023 00:29

Tgt Ion:142 Resp: 1674530
Ion Ratio Lower Upper
142 100
141 89.1 69.7 104.5

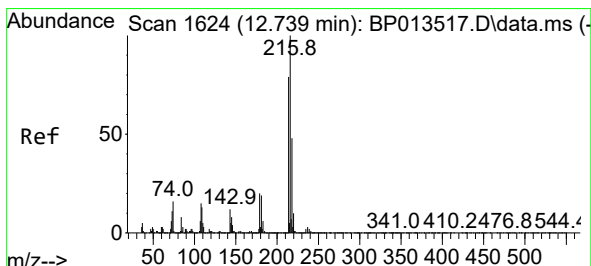
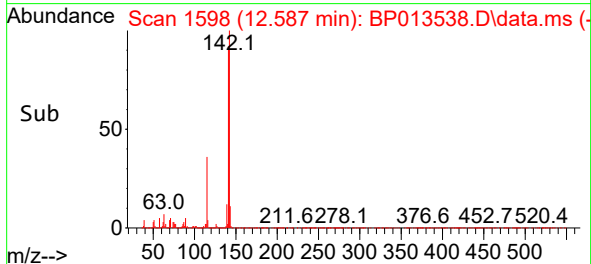
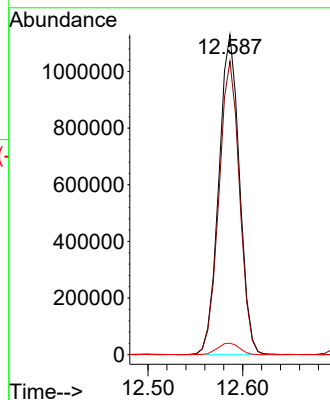
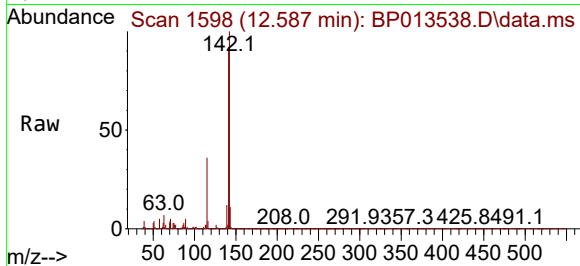




#37
1-Methylnaphthalene
Concen: 24.300 ng/ul
RT: 12.587 min Scan# 1599
Delta R.T. -0.006 min
Lab File: BP013538.D
Acq: 19 Jan 2023 00:29

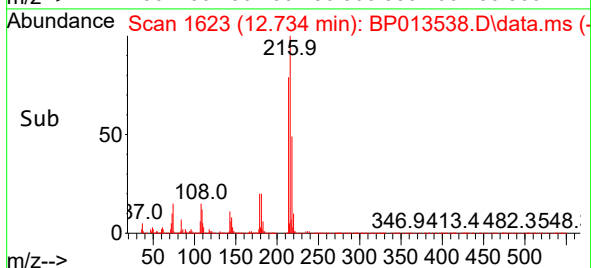
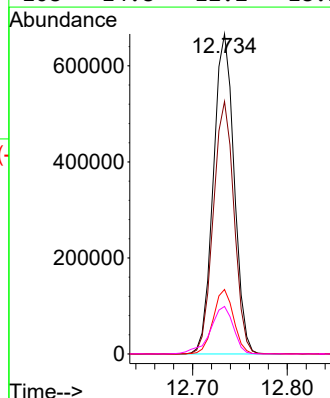
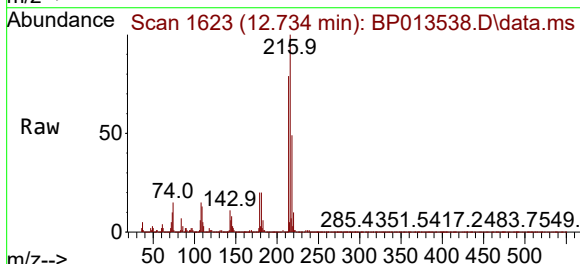
Instrument :
BNA_P
ClientSampleId :
A4470MS

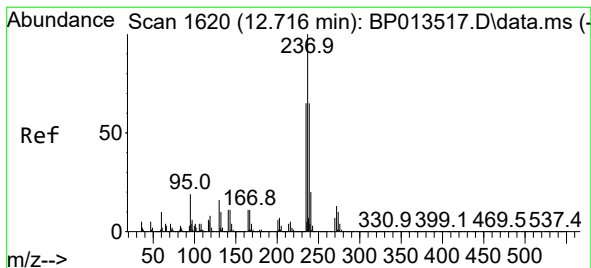
Tgt Ion:142 Resp: 1708996
Ion Ratio Lower Upper
142 100
141 91.7 74.2 111.4
116 3.6 3.0 4.4



#39
1,2,4,5-Tetrachlorobenzene
Concen: 24.367 ng/ul
RT: 12.734 min Scan# 1623
Delta R.T. -0.006 min
Lab File: BP013538.D
Acq: 19 Jan 2023 00:29

Tgt Ion:216 Resp: 1016353
Ion Ratio Lower Upper
216 100
214 78.9 62.8 94.2
179 20.1 15.1 22.7
108 14.8 12.2 18.2





#40

Hexachlorocyclopentadiene

Concen: 21.077 ng/ul

RT: 12.710 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP013538.D

Acq: 19 Jan 2023 00:29

Instrument :

BNA_P

ClientSampleId :

A4470MS

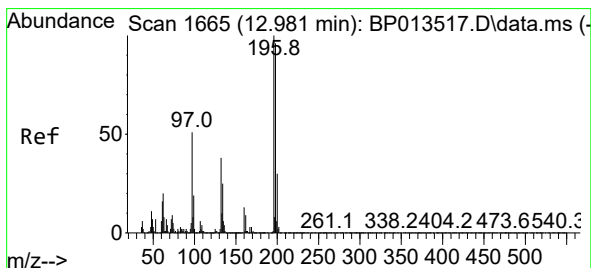
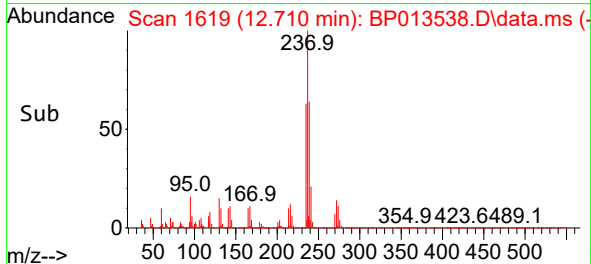
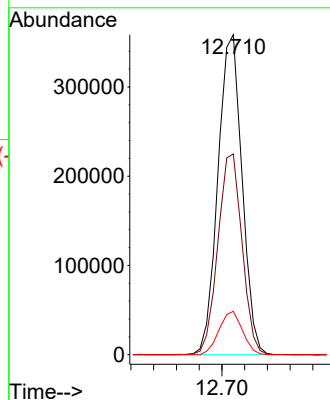
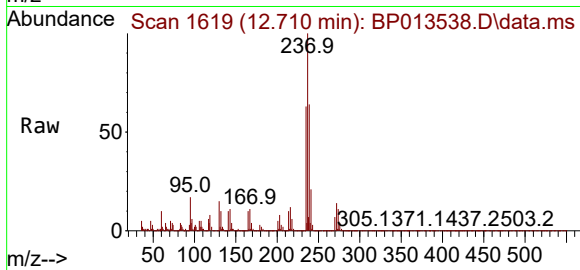
Tgt Ion:237 Resp: 528864

Ion Ratio Lower Upper

237 100

235 62.8 50.8 76.2

272 13.5 11.5 17.3



#41

2,4,6-Trichlorophenol

Concen: 27.262 ng/ul

RT: 12.975 min Scan# 1664

Delta R.T. -0.006 min

Lab File: BP013538.D

Acq: 19 Jan 2023 00:29

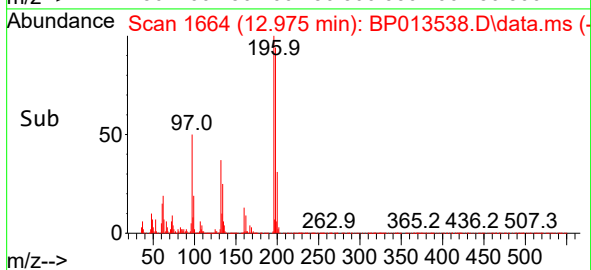
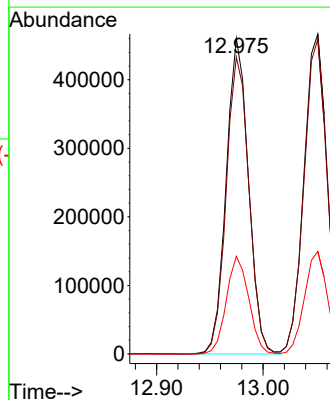
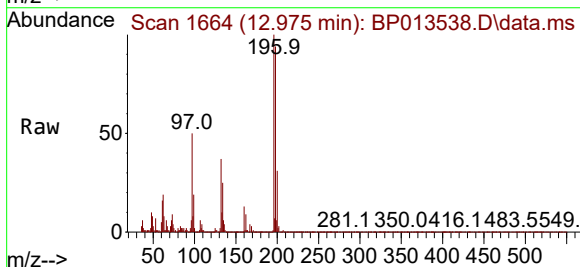
Tgt Ion:196 Resp: 668897

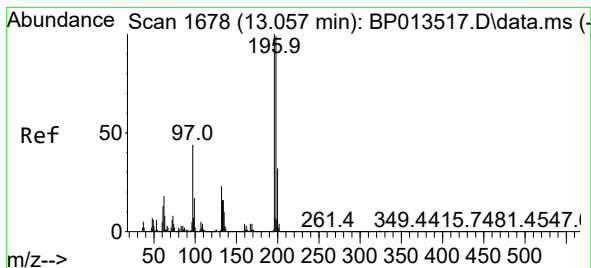
Ion Ratio Lower Upper

196 100

198 94.0 77.9 116.9

200 31.0 25.6 38.4





#42

2,4,5-Trichlorophenol

Concen: 26.561 ng/ul

RT: 13.051 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP013538.D

Acq: 19 Jan 2023 00:29

Instrument :

BNA_P

ClientSampleId :

A4470MS

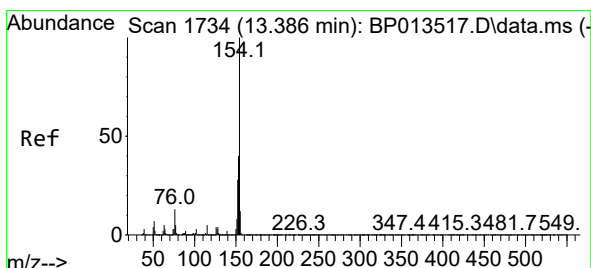
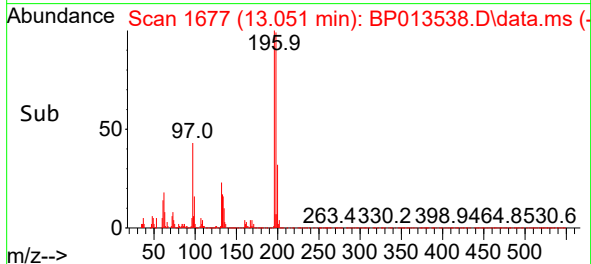
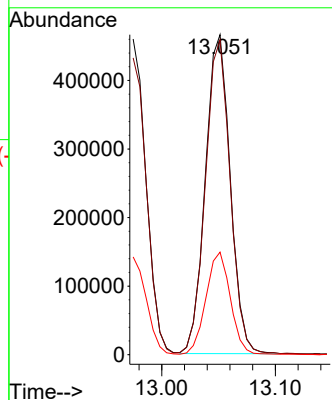
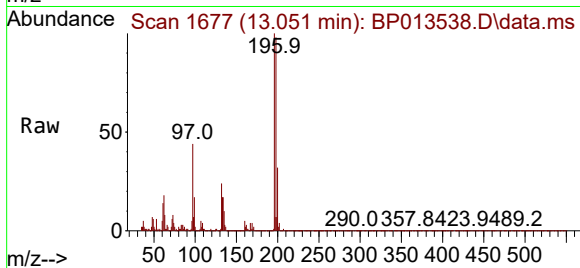
Tgt Ion:196 Resp: 709193

Ion Ratio Lower Upper

196 100

198 98.4 76.0 114.0

200 32.0 24.4 36.6



#43

1,1'-Biphenyl

Concen: 24.629 ng/ul

RT: 13.375 min Scan# 1732

Delta R.T. -0.006 min

Lab File: BP013538.D

Acq: 19 Jan 2023 00:29

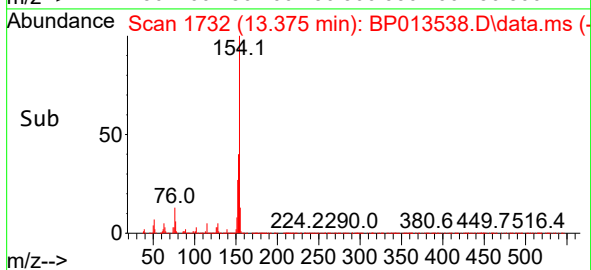
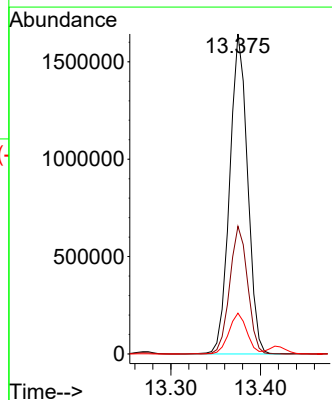
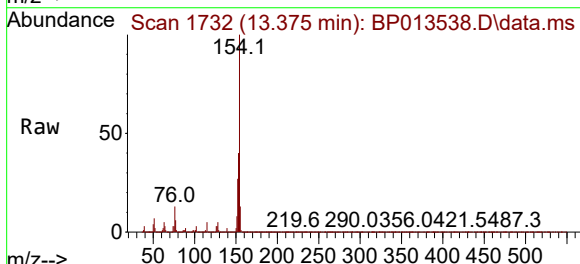
Tgt Ion:154 Resp: 2274905

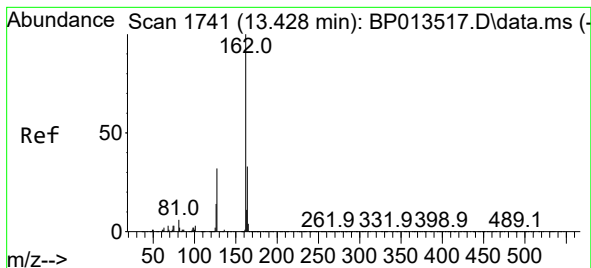
Ion Ratio Lower Upper

154 100

153 39.9 31.9 47.9

76 12.8 10.3 15.5

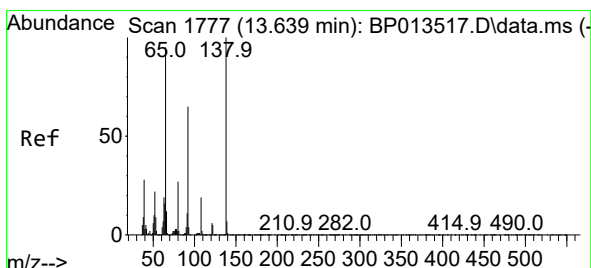
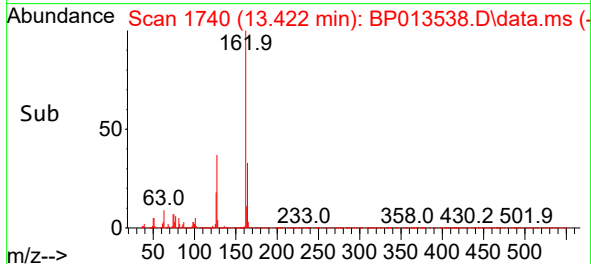
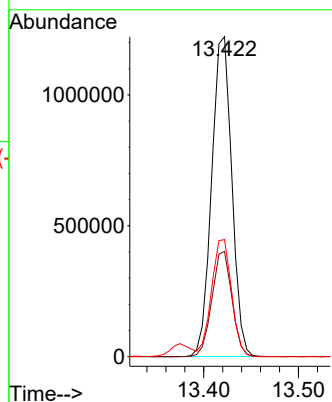
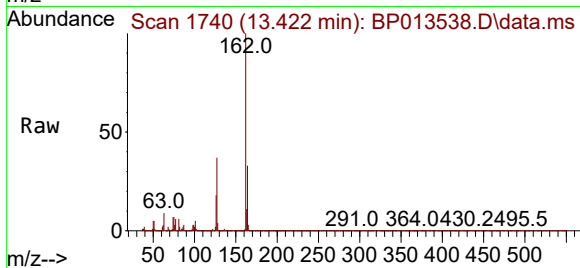




#44
2-Chloronaphthalene
Concen: 24.241 ng/ul
RT: 13.422 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP013538.D
Acq: 19 Jan 2023 00:29

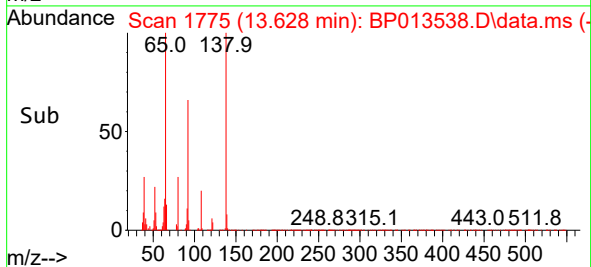
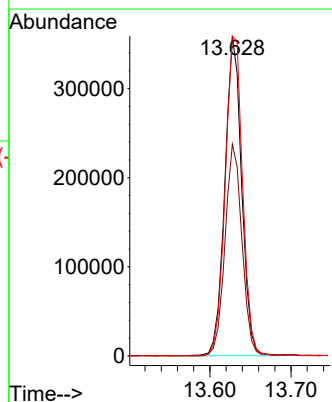
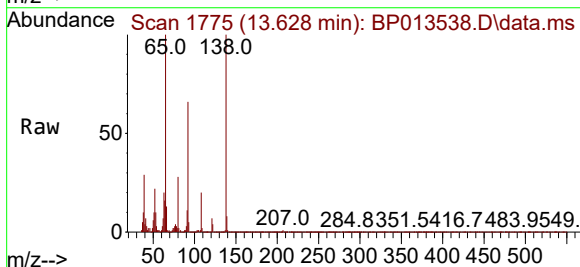
Instrument :
BNA_P
ClientSampleId :
A4470MS

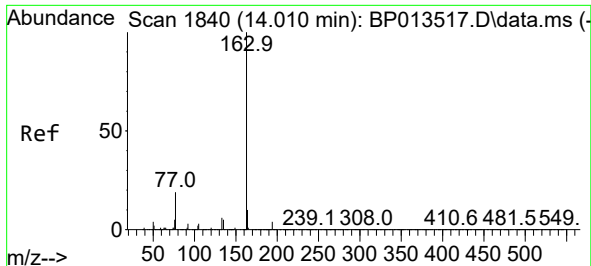
Tgt Ion:162 Resp: 1806801
Ion Ratio Lower Upper
162 100
164 32.9 26.4 39.6
127 36.6 28.9 43.3



#45
2-Nitroaniline
Concen: 28.646 ng/ul
RT: 13.628 min Scan# 1775
Delta R.T. -0.006 min
Lab File: BP013538.D
Acq: 19 Jan 2023 00:29

Tgt Ion: 65 Resp: 516691
Ion Ratio Lower Upper
65 100
92 66.3 53.5 80.3
138 100.1 79.4 119.0

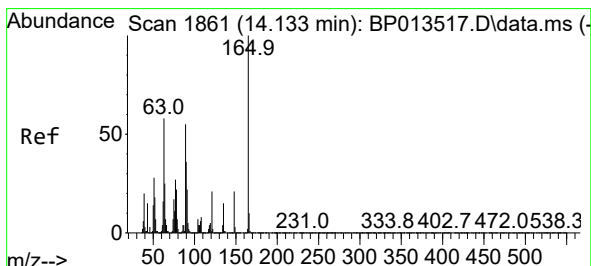
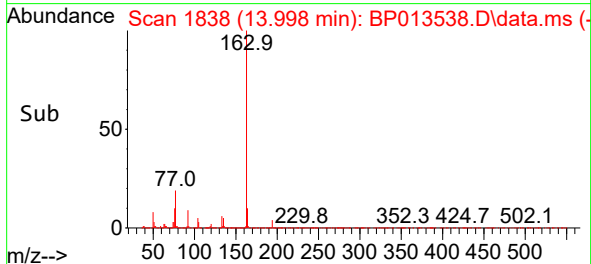
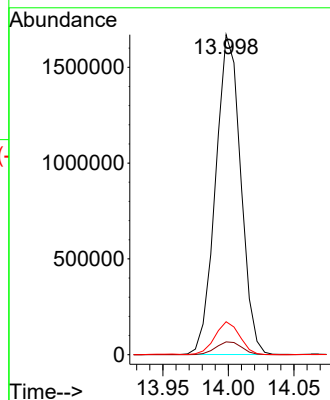
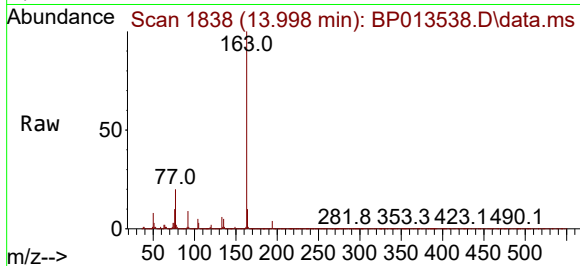




#47
Dimethylphthalate
Concen: 25.100 ng/ul
RT: 13.998 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BP013538.D
Acq: 19 Jan 2023 00:29

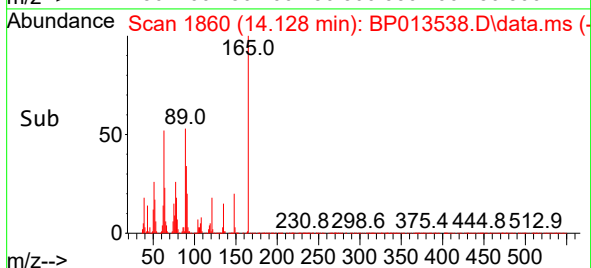
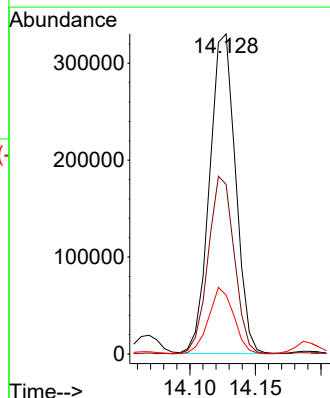
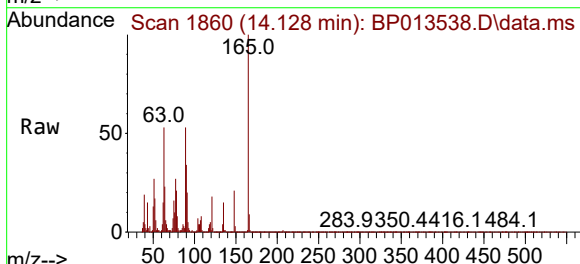
Instrument :
BNA_P
ClientSampleId :
A4470MS

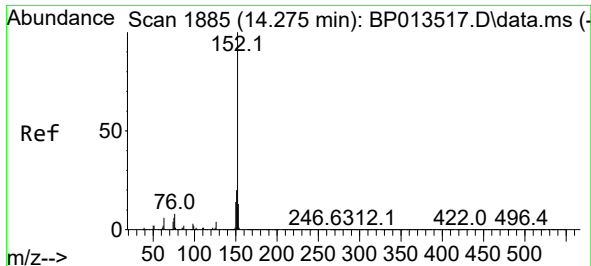
Tgt Ion:163 Resp: 2222745
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.2
164 10.3 7.8 11.8



#48
2,6-Dinitrotoluene
Concen: 29.632 ng/ul
RT: 14.128 min Scan# 1860
Delta R.T. -0.000 min
Lab File: BP013538.D
Acq: 19 Jan 2023 00:29

Tgt Ion:165 Resp: 454415
Ion Ratio Lower Upper
165 100
89 53.0 47.1 70.7
121 18.4 17.3 25.9

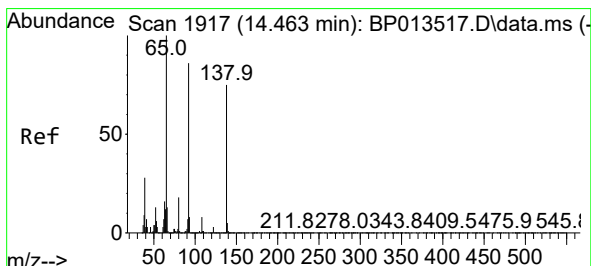
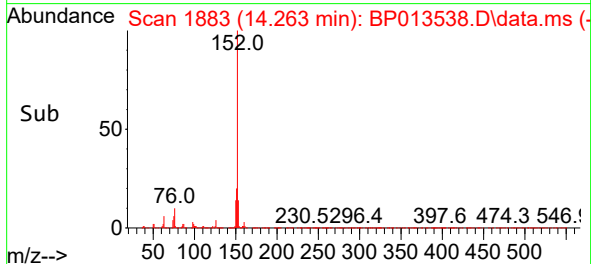
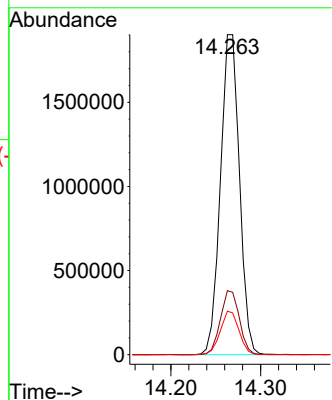
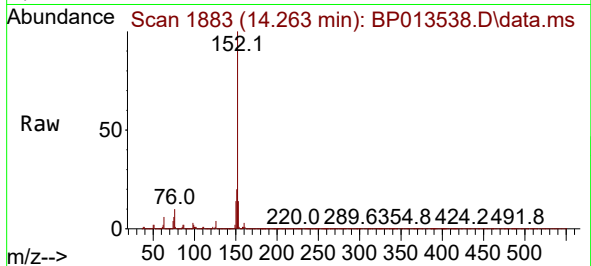




#50
Acenaphthylene
Concen: 25.872 ng/ul
RT: 14.263 min Scan# 1883
Delta R.T. -0.006 min
Lab File: BP013538.D
Acq: 19 Jan 2023 00:29

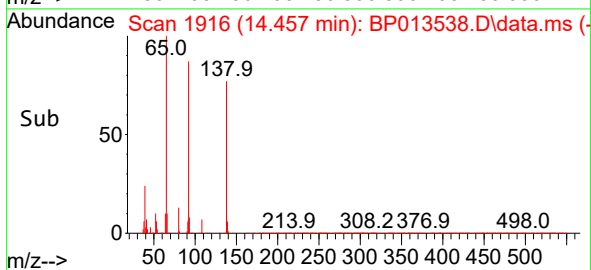
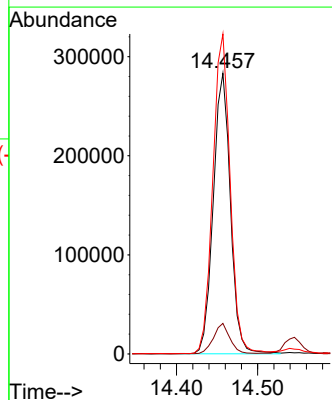
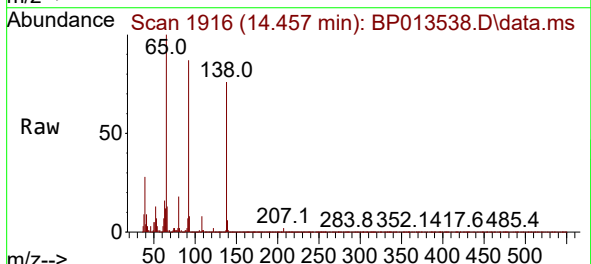
Instrument :
BNA_P
ClientSampleId :
A4470MS

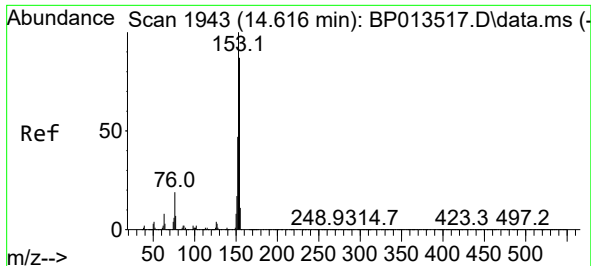
Tgt Ion:152 Resp: 2797599
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.8
153 13.6 10.3 15.5



#51
3-Nitroaniline
Concen: 25.639 ng/ul
RT: 14.457 min Scan# 1916
Delta R.T. -0.000 min
Lab File: BP013538.D
Acq: 19 Jan 2023 00:29

Tgt Ion:138 Resp: 416464
Ion Ratio Lower Upper
138 100
108 10.9 8.6 12.8
92 114.0 95.0 142.4

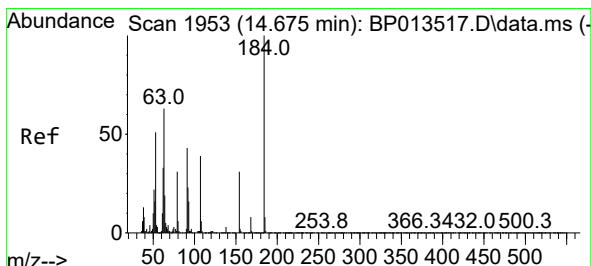
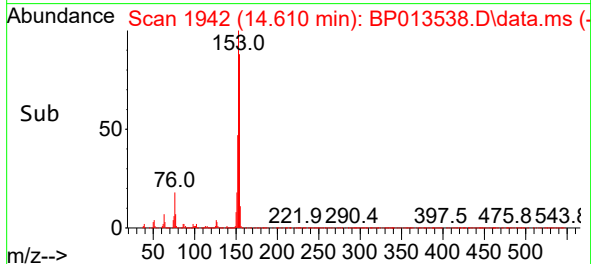
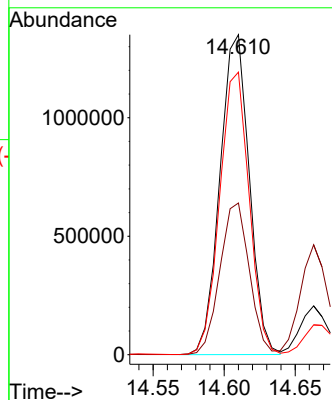
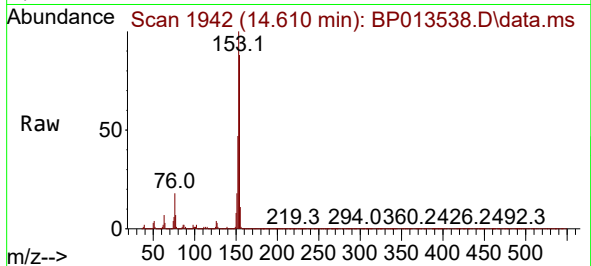




#52
Acenaphthene
Concen: 25.126 ng/ul
RT: 14.610 min Scan# 1942
Delta R.T. -0.000 min
Lab File: BP013538.D
Acq: 19 Jan 2023 00:29

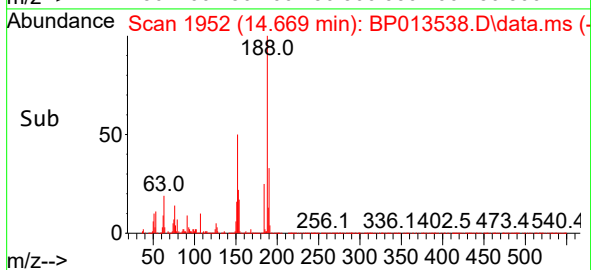
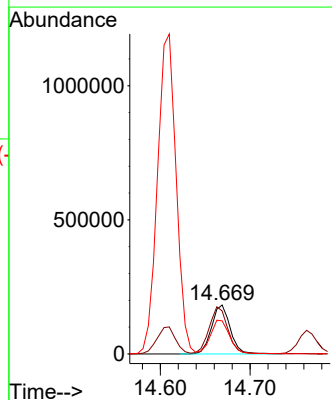
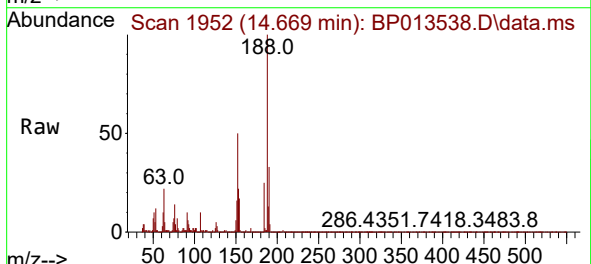
Instrument :
BNA_P
ClientSampleId :
A4470MS

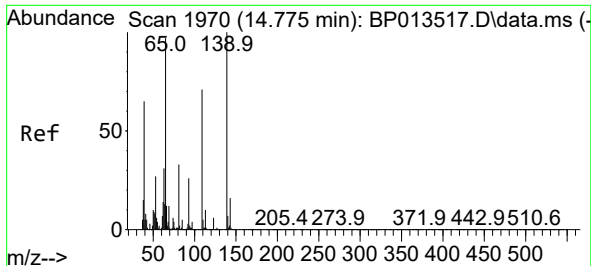
Tgt Ion:153 Resp: 1944557
Ion Ratio Lower Upper
153 100
152 47.4 38.4 57.6
154 88.3 70.6 106.0



#53
2,4-Dinitrophenol
Concen: 23.099 ng/ul
RT: 14.669 min Scan# 1952
Delta R.T. -0.000 min
Lab File: BP013538.D
Acq: 19 Jan 2023 00:29

Tgt Ion:184 Resp: 263674
Ion Ratio Lower Upper
184 100
63 88.0 54.3 81.5#
154 67.6 49.1 73.7

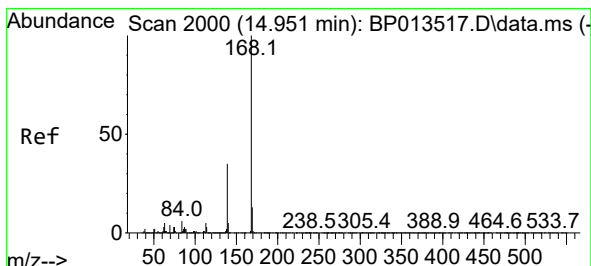
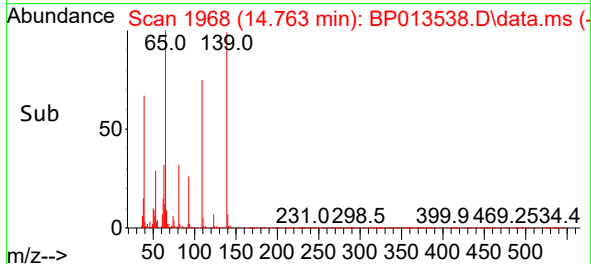
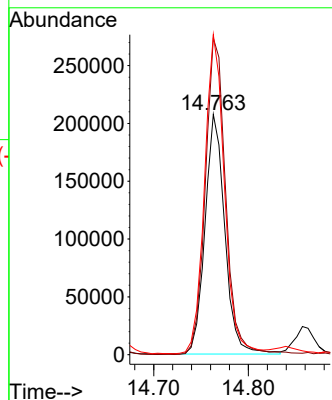
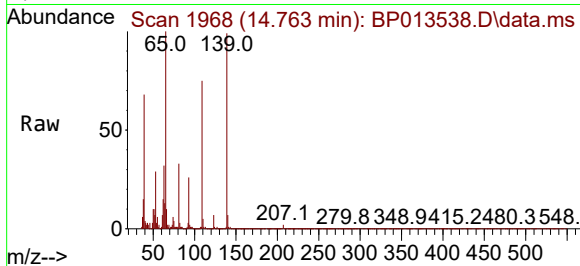




#55
4-Nitrophenol
Concen: 24.435 ng/ul
RT: 14.763 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BP013538.D
Acq: 19 Jan 2023 00:29

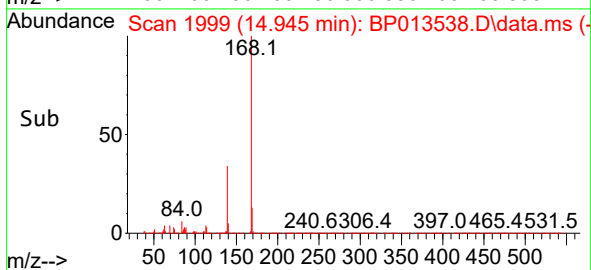
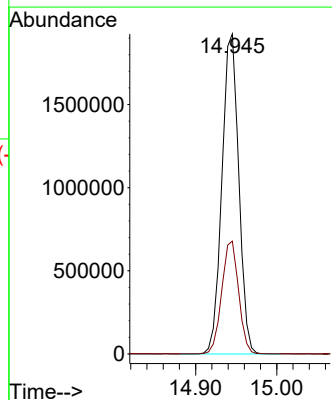
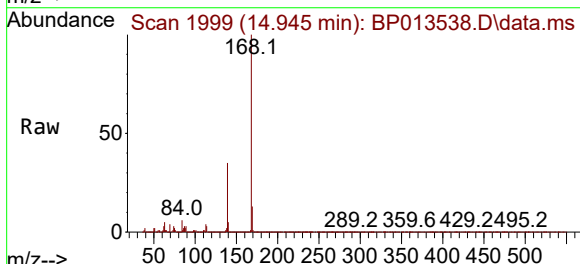
Instrument :
BNA_P
ClientSampleId :
A4470MS

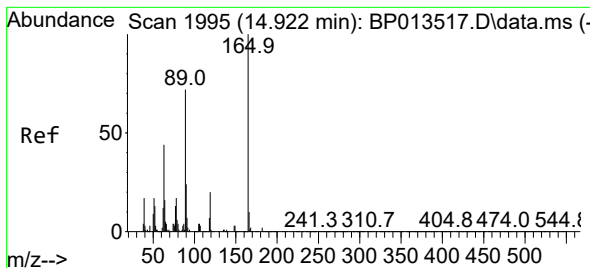
Tgt Ion:109 Resp: 301327
Ion Ratio Lower Upper
109 100
139 131.8 109.2 163.8
65 133.2 116.6 174.8



#56
Dibenzofuran
Concen: 24.961 ng/ul
RT: 14.945 min Scan# 1999
Delta R.T. -0.000 min
Lab File: BP013538.D
Acq: 19 Jan 2023 00:29

Tgt Ion:168 Resp: 2774457
Ion Ratio Lower Upper
168 100
139 35.2 27.4 41.2

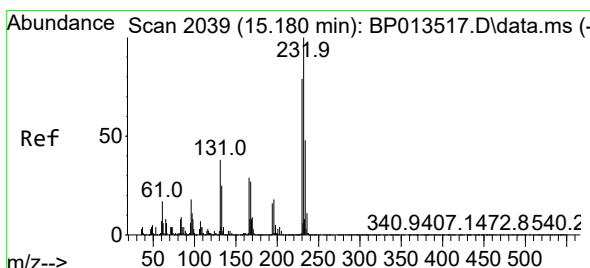
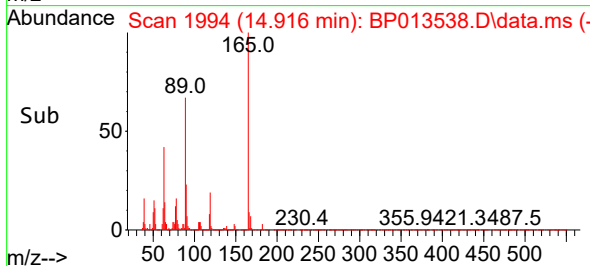
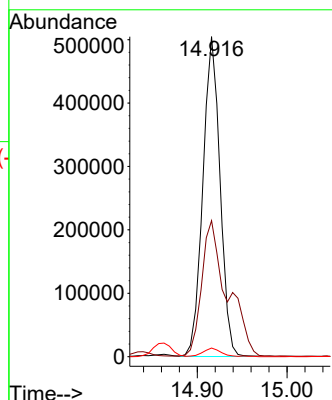
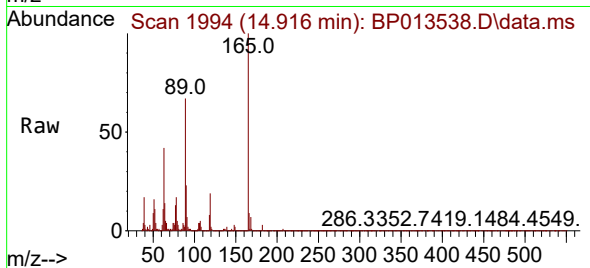




#57
2,4-Dinitrotoluene
Concen: 29.411 ng/ul
RT: 14.916 min Scan# 1994
Delta R.T. -0.000 min
Lab File: BP013538.D
Acq: 19 Jan 2023 00:29

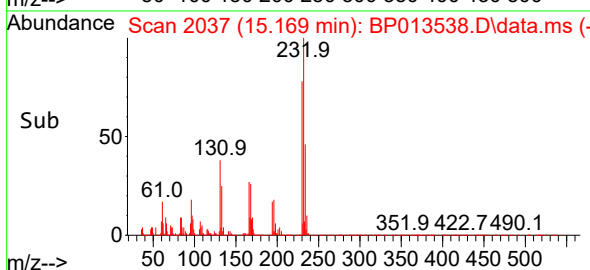
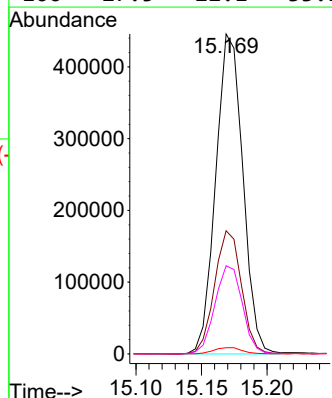
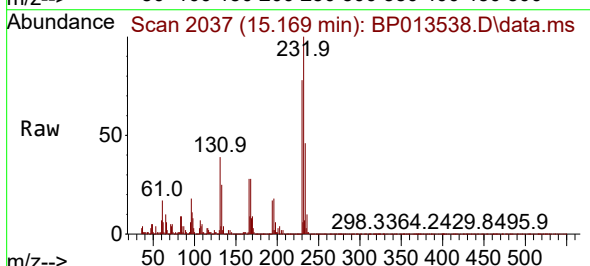
Instrument :
BNA_P
ClientSampleId :
A4470MS

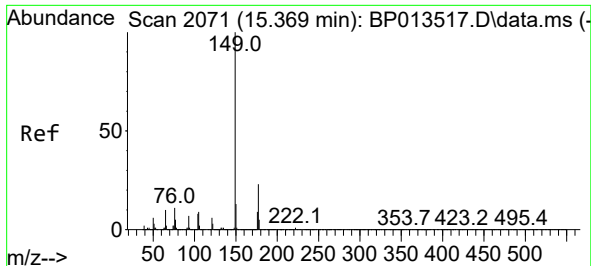
Tgt Ion:165 Resp: 670437
Ion Ratio Lower Upper
165 100
63 42.5 37.3 55.9
182 2.7 2.0 3.0



#58
2,3,4,6-Tetrachlorophenol
Concen: 27.477 ng/ul
RT: 15.169 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BP013538.D
Acq: 19 Jan 2023 00:29

Tgt Ion:232 Resp: 640002
Ion Ratio Lower Upper
232 100
131 38.5 30.7 46.1
130 2.0 1.7 2.5
166 27.5 22.1 33.1

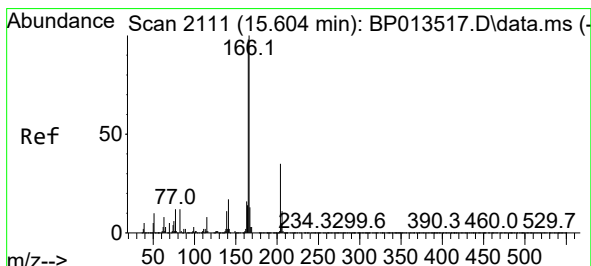
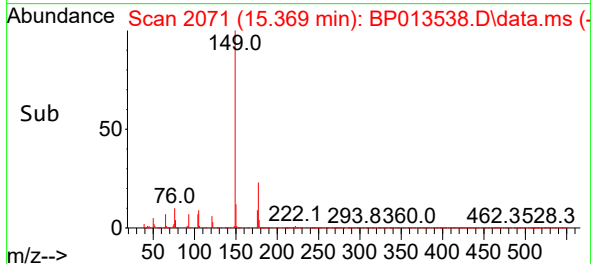
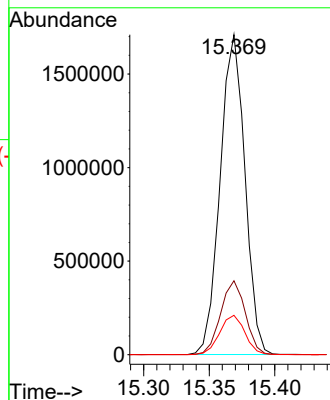
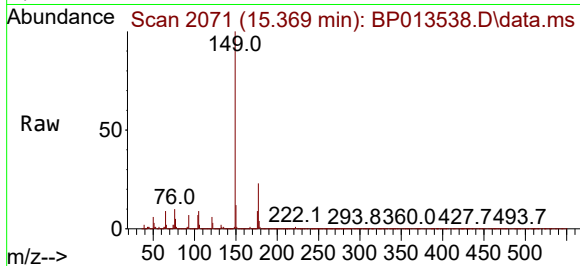




#59
Diethylphthalate
Concen: 27.095 ng/ul
RT: 15.369 min Scan# 2071
Delta R.T. -0.000 min
Lab File: BP013538.D
Acq: 19 Jan 2023 00:29

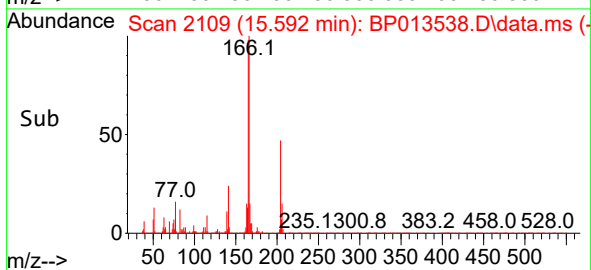
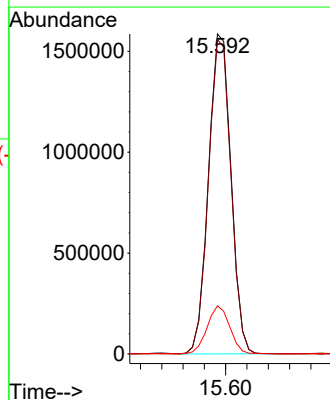
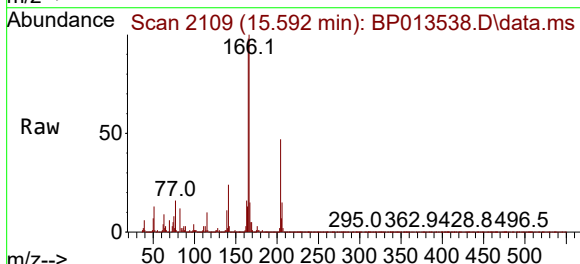
Instrument :
BNA_P
ClientSampleId :
A4470MS

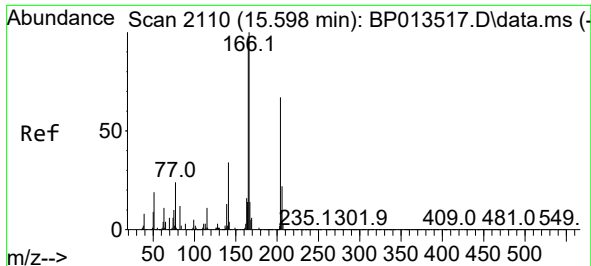
Tgt Ion:149 Resp: 2245836
Ion Ratio Lower Upper
149 100
177 23.1 18.9 28.3
150 12.3 9.9 14.9



#61
Fluorene
Concen: 26.207 ng/ul
RT: 15.592 min Scan# 2109
Delta R.T. -0.006 min
Lab File: BP013538.D
Acq: 19 Jan 2023 00:29

Tgt Ion:166 Resp: 2325187
Ion Ratio Lower Upper
166 100
165 98.3 78.0 117.0
167 15.0 10.8 16.2

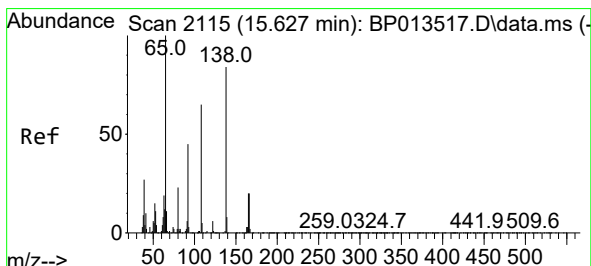
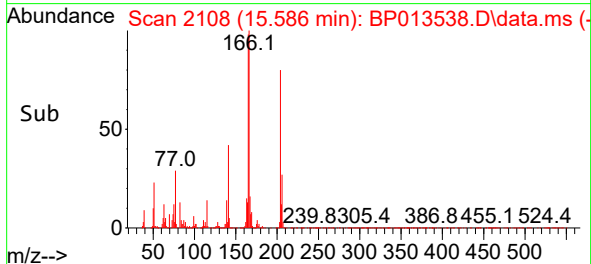
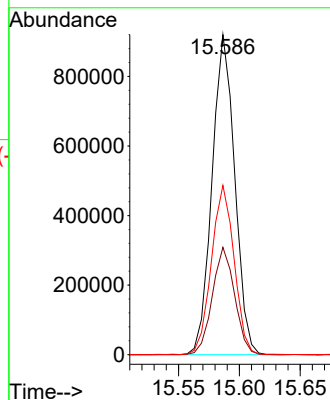
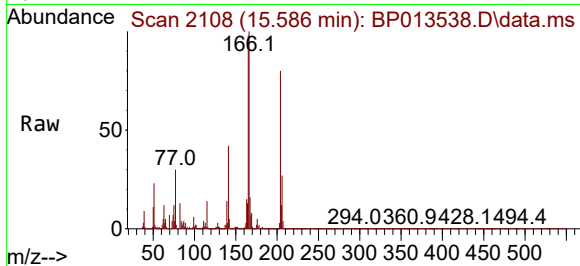




#62
4-Chlorophenyl-phenylether
Concen: 25.708 ng/ul
RT: 15.586 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BP013538.D
Acq: 19 Jan 2023 00:29

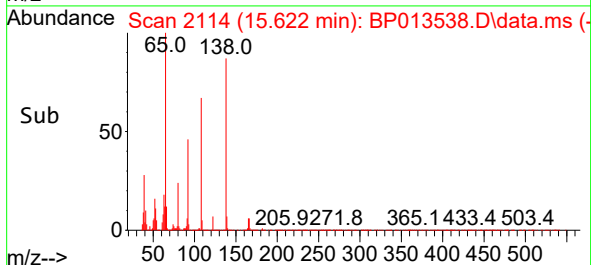
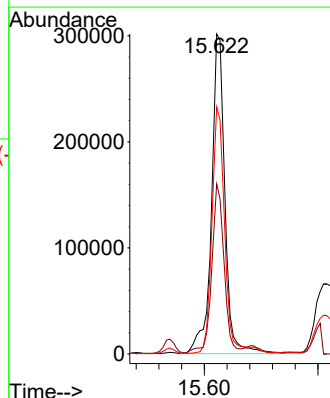
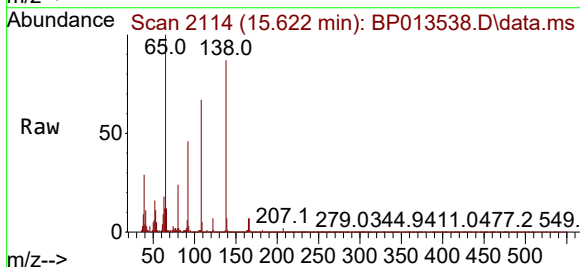
Instrument :
BNA_P
ClientSampleId :
A4470MS

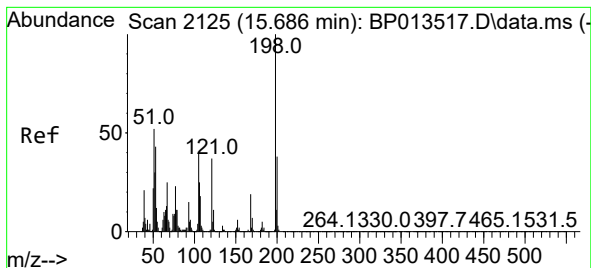
Tgt Ion:204 Resp: 1191134
Ion Ratio Lower Upper
204 100
206 33.6 26.2 39.2
141 52.9 39.3 58.9



#63
4-Nitroaniline
Concen: 32.804 ng/ul
RT: 15.622 min Scan# 2114
Delta R.T. -0.000 min
Lab File: BP013538.D
Acq: 19 Jan 2023 00:29

Tgt Ion:138 Resp: 492649
Ion Ratio Lower Upper
138 100
92 53.2 43.1 64.7
108 77.2 63.6 95.4

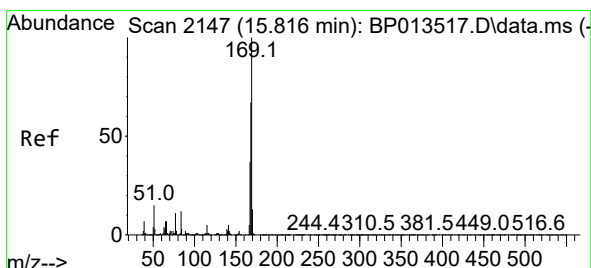
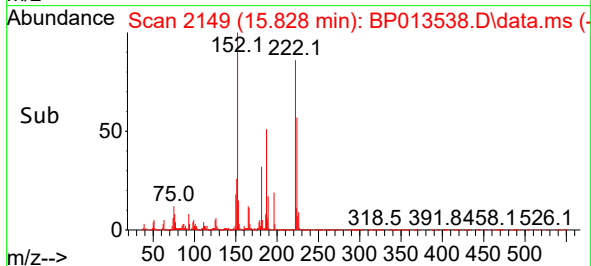
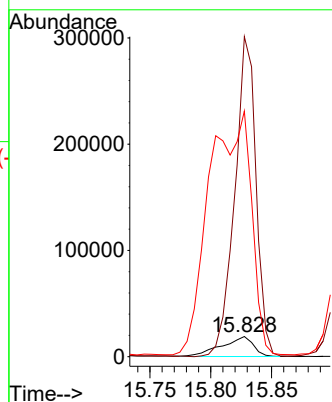
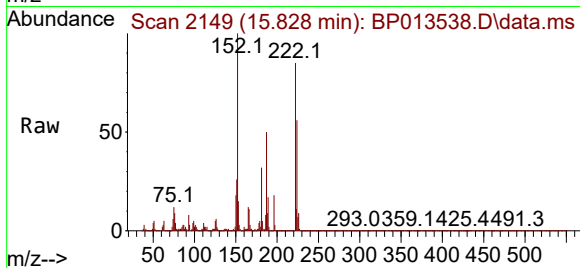




#66
4,6-Dinitro-2-methylphenol
Concen: 1.598 ng/ul
RT: 15.828 min Scan# 2119
Delta R.T. 0.147 min
Lab File: BP013538.D
Acq: 19 Jan 2023 00:29

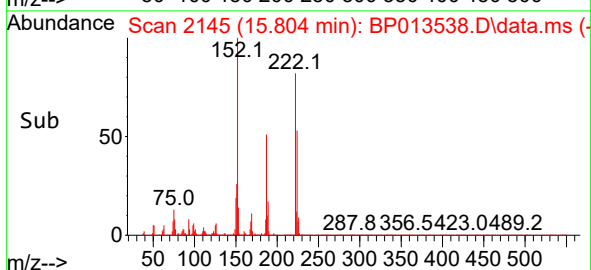
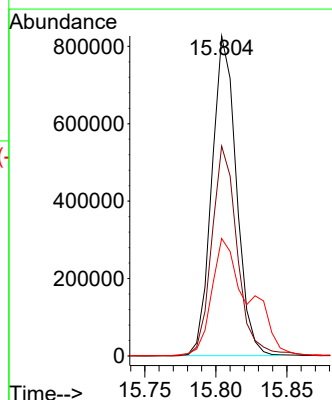
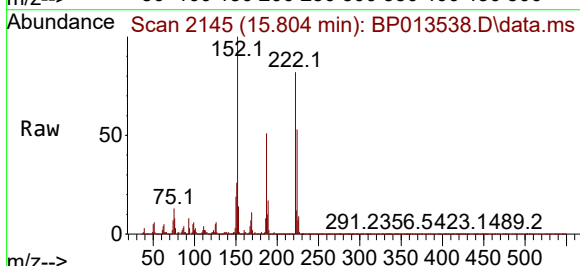
Instrument :
BNA_P
ClientSampleId :
A4470MS

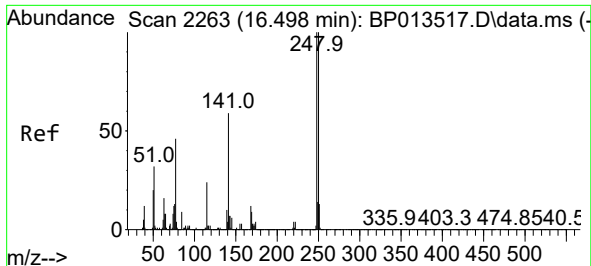
Tgt Ion:198 Resp: 34190
Ion Ratio Lower Upper
198 100
182 1590.5 4.8 7.2#
77 1220.8 18.9 28.3#



#67
N-Nitrosodiphenylamine
Concen: 10.747 ng/ul
RT: 15.804 min Scan# 2145
Delta R.T. -0.006 min
Lab File: BP013538.D
Acq: 19 Jan 2023 00:29

Tgt Ion:169 Resp: 993386
Ion Ratio Lower Upper
169 100
168 65.6 52.9 79.3
167 36.7 29.3 43.9

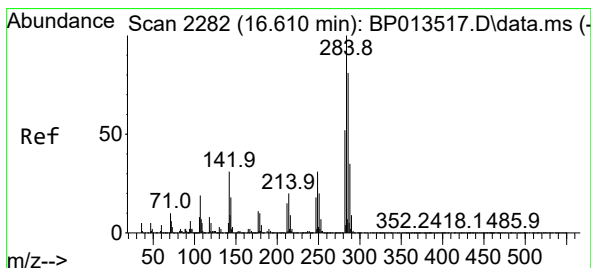
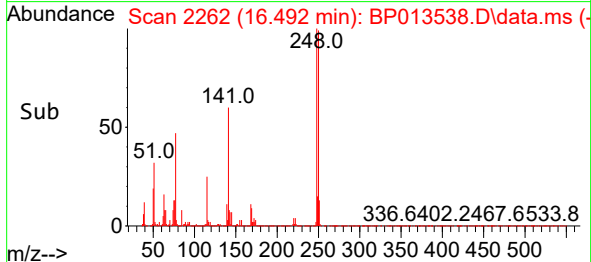
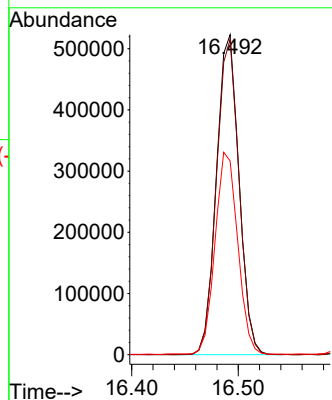
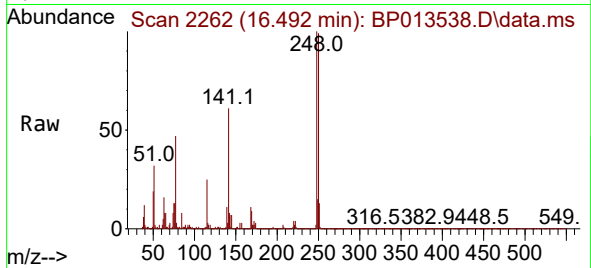




#68
4-Bromophenyl-phenylether
Concen: 21.699 ng/ul
RT: 16.492 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP013538.D
Acq: 19 Jan 2023 00:29

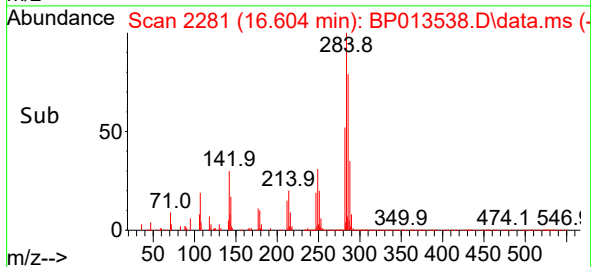
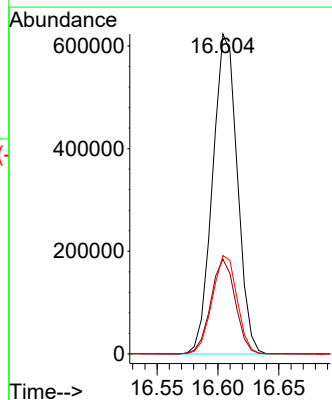
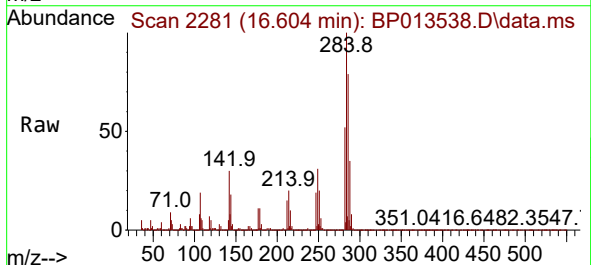
Instrument :
BNA_P
ClientSampleId :
A4470MS

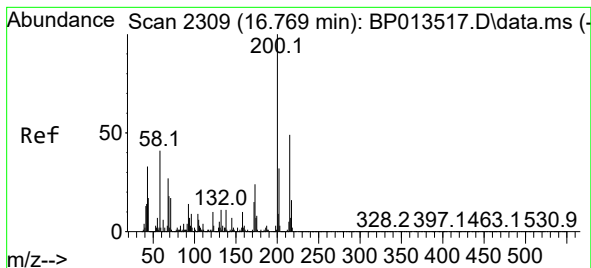
Tgt Ion:248 Resp: 768175
Ion Ratio Lower Upper
248 100
250 98.6 78.5 117.7
141 60.5 53.0 79.4



#69
Hexachlorobenzene
Concen: 20.647 ng/ul
RT: 16.604 min Scan# 2281
Delta R.T. -0.006 min
Lab File: BP013538.D
Acq: 19 Jan 2023 00:29

Tgt Ion:284 Resp: 881343
Ion Ratio Lower Upper
284 100
142 29.6 24.8 37.2
249 30.8 24.1 36.1





#70

Atrazine

Concen: 22.065 ng/ul

RT: 16.775 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP013538.D

Acq: 19 Jan 2023 00:29

Instrument :

BNA_P

ClientSampleId :

A4470MS

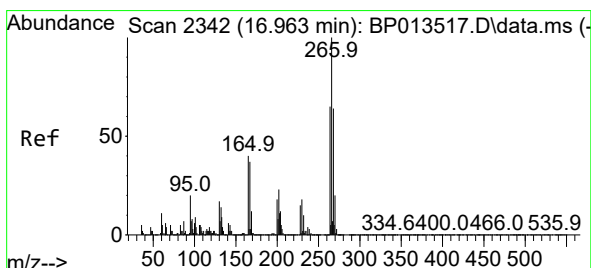
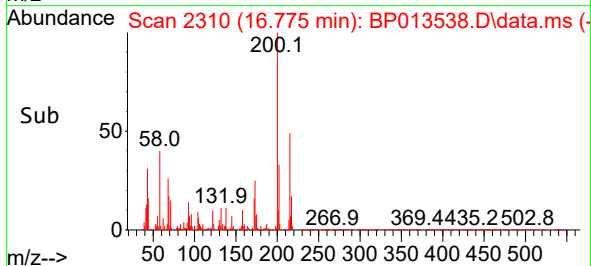
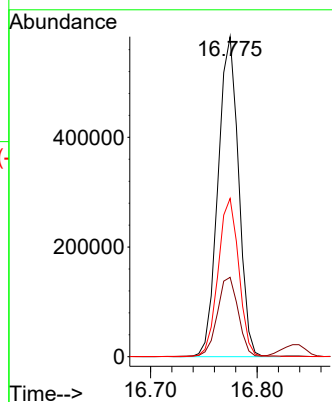
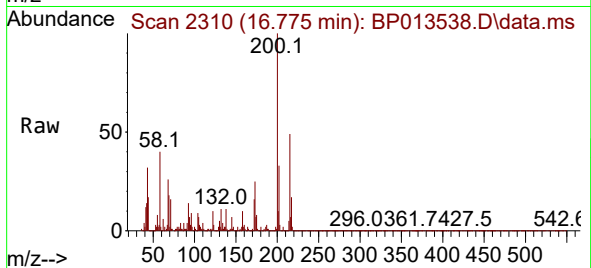
Tgt Ion:200 Resp: 779719

Ion Ratio Lower Upper

200 100

173 24.8 19.2 28.8

215 49.5 39.0 58.4



#71

Pentachlorophenol

Concen: 18.548 ng/ul

RT: 16.951 min Scan# 2340

Delta R.T. -0.006 min

Lab File: BP013538.D

Acq: 19 Jan 2023 00:29

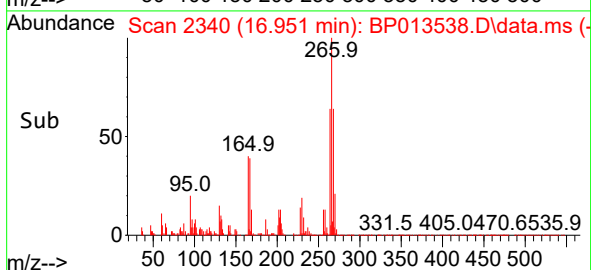
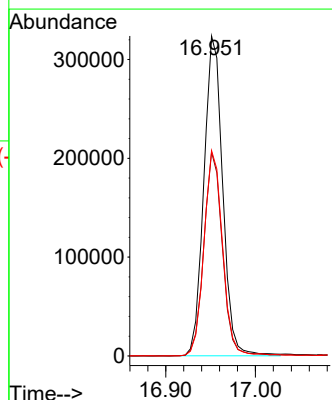
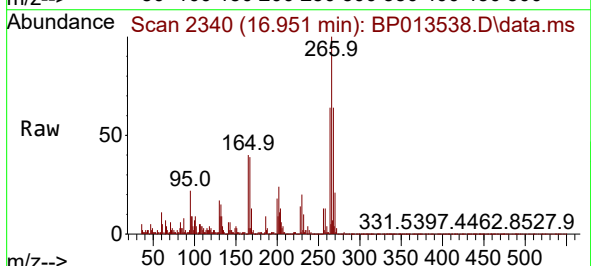
Tgt Ion:266 Resp: 471256

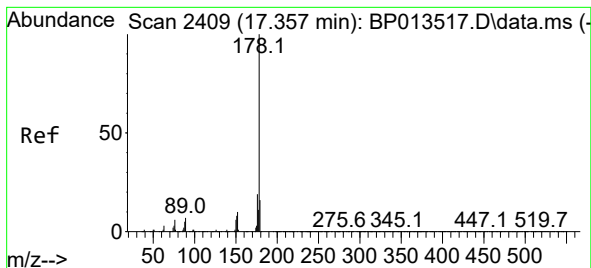
Ion Ratio Lower Upper

266 100

264 63.7 49.7 74.5

268 64.2 49.4 74.0





#72

Phenanthrene

Concen: 20.228 ng/ul

RT: 17.457 min Scan# 2426

Delta R.T. 0.106 min

Lab File: BP013538.D

Acq: 19 Jan 2023 00:29

Instrument :

BNA_P

ClientSampleId :

A4470MS

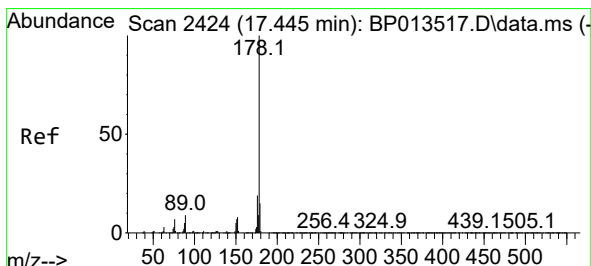
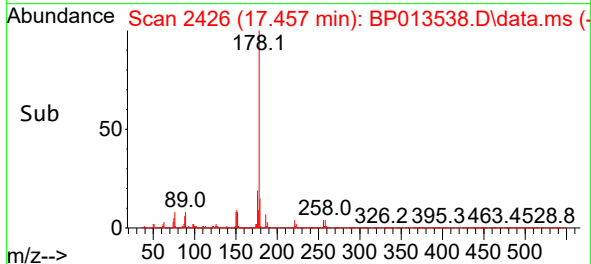
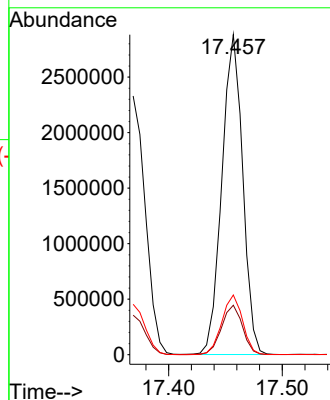
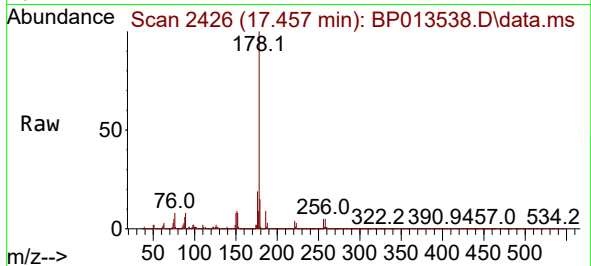
Tgt Ion:178 Resp: 3675445

Ion Ratio Lower Upper

178 100

179 15.5 12.1 18.1

176 18.7 15.4 23.0



#74

Anthracene

Concen: 20.476 ng/ul

RT: 17.457 min Scan# 2426

Delta R.T. 0.012 min

Lab File: BP013538.D

Acq: 19 Jan 2023 00:29

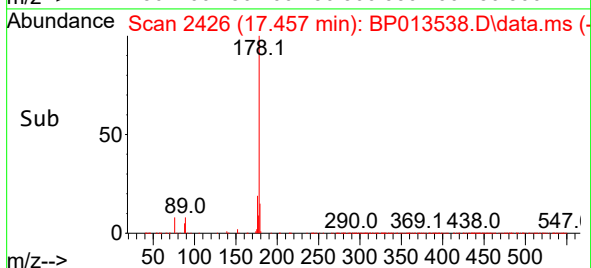
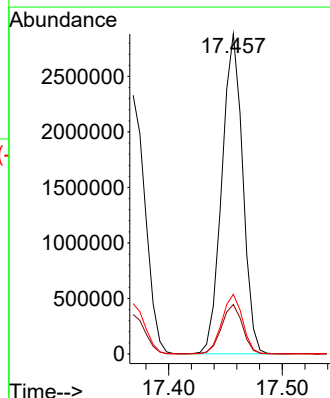
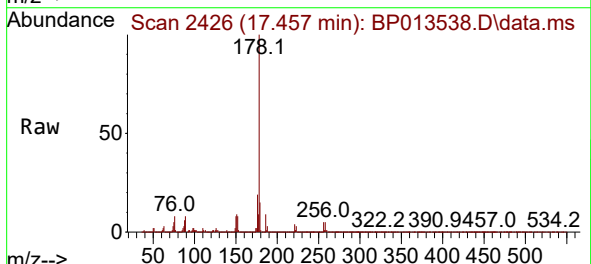
Tgt Ion:178 Resp: 3675042

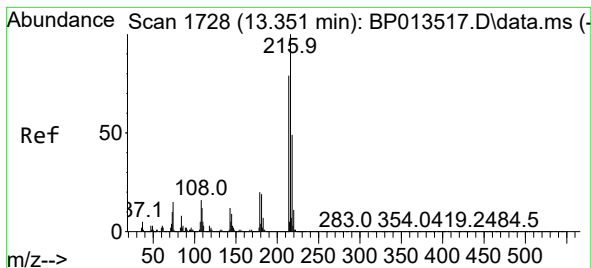
Ion Ratio Lower Upper

178 100

179 15.5 12.5 18.7

176 18.7 14.7 22.1





#75

1,2,3,4-Tetrachlorobenzene

Concen: 19.473 ng/uL

RT: 13.339 min Scan# 1726

Delta R.T. -0.006 min

Lab File: BP013538.D

Acq: 19 Jan 2023 00:29

Instrument :

BNA_P

ClientSampleId :

A4470MS

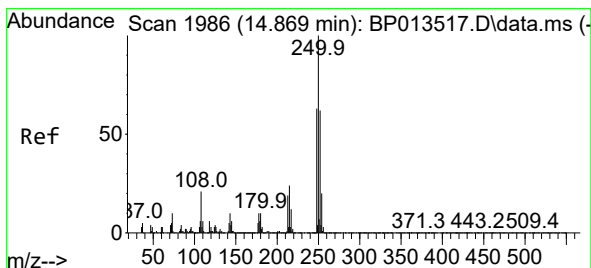
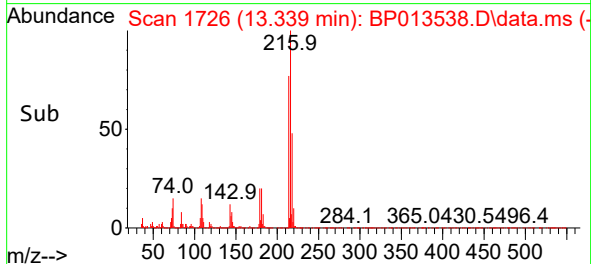
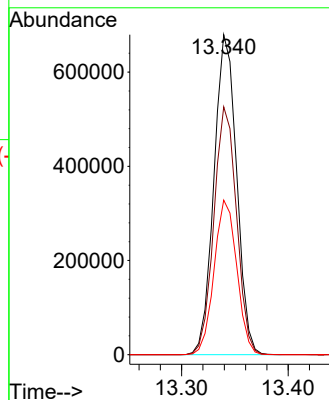
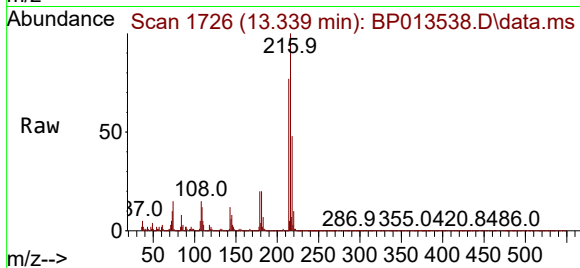
Tgt Ion:216 Resp: 1005044

Ion Ratio Lower Upper

216 100

214 77.5 61.7 92.5

218 48.3 38.1 57.1



#76

Pentachlorobenzene

Concen: 20.044 ng/uL

RT: 14.863 min Scan# 1985

Delta R.T. -0.000 min

Lab File: BP013538.D

Acq: 19 Jan 2023 00:29

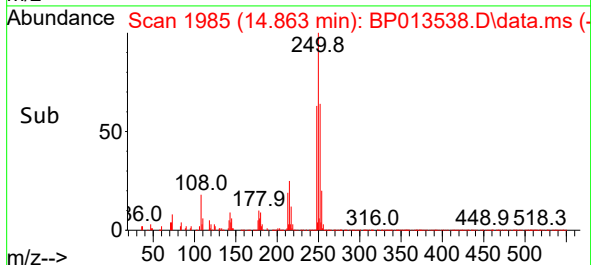
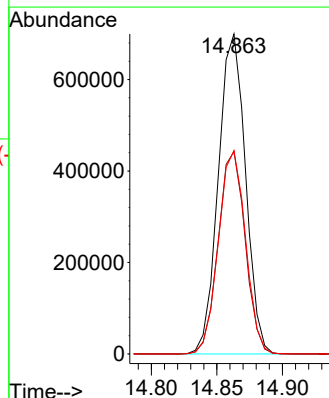
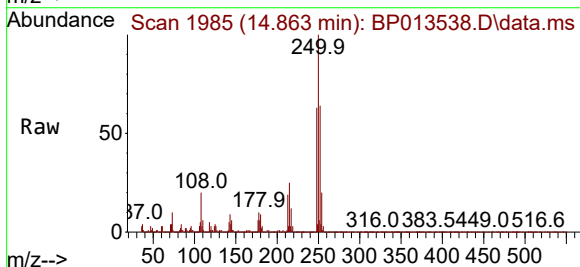
Tgt Ion:250 Resp: 1007237

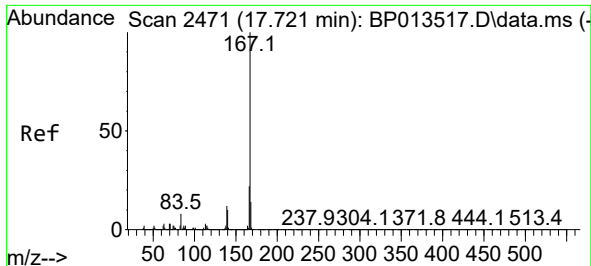
Ion Ratio Lower Upper

250 100

248 63.3 50.0 75.0

252 63.5 51.1 76.7

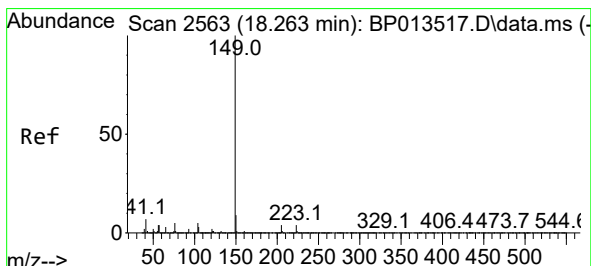
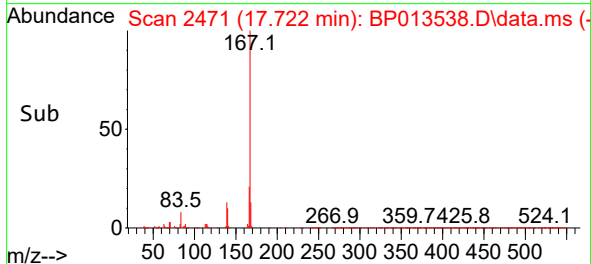
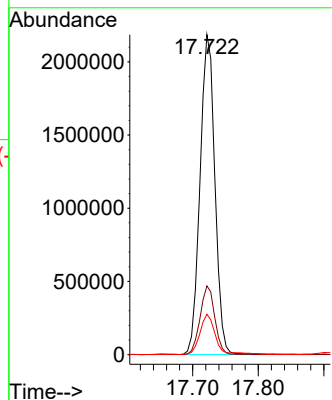
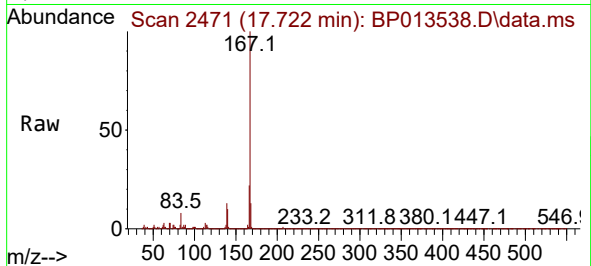




#77
 Carbazole
 Concen: 22.151 ng/ul
 RT: 17.722 min Scan# 2471
 Delta R.T. 0.006 min
 Lab File: BP013538.D
 Acq: 19 Jan 2023 00:29

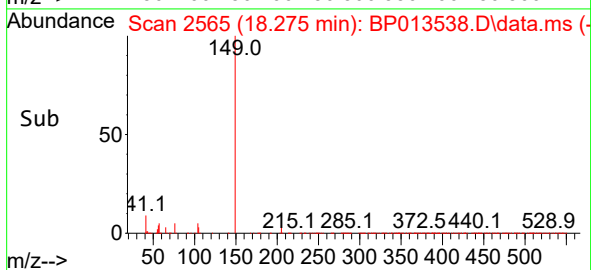
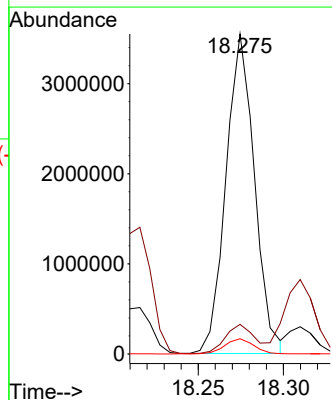
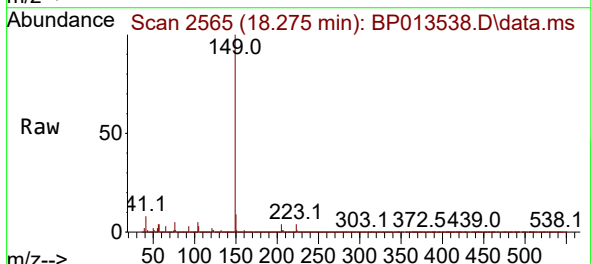
Instrument :
 BNA_P
 ClientSampleId :
 A4470MS

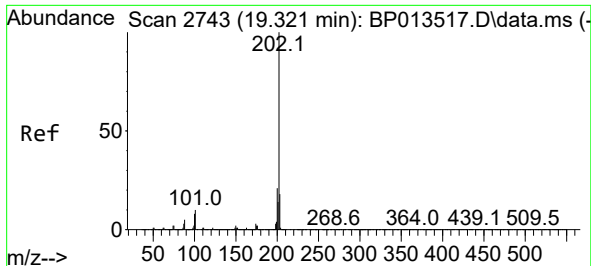
Tgt Ion:167 Resp: 3443596
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.5 26.3
 139 12.7 9.8 14.6



#78
 Di-n-butylphthalate
 Concen: 27.075 ng/ul
 RT: 18.275 min Scan# 2565
 Delta R.T. 0.018 min
 Lab File: BP013538.D
 Acq: 19 Jan 2023 00:29

Tgt Ion:149 Resp: 4127901
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.1 10.7
 104 4.8 4.3 6.5

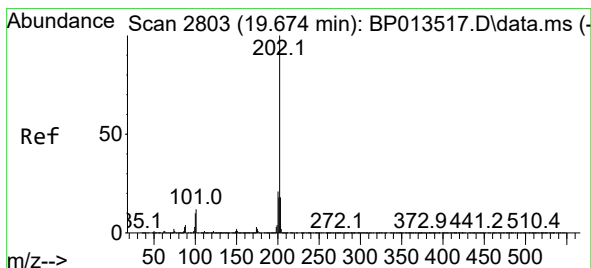
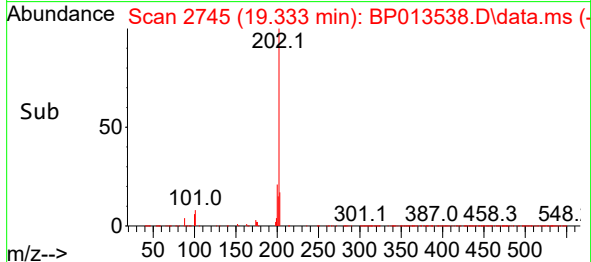
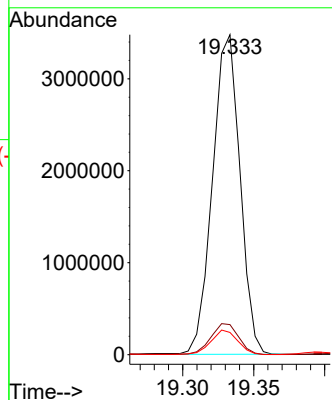
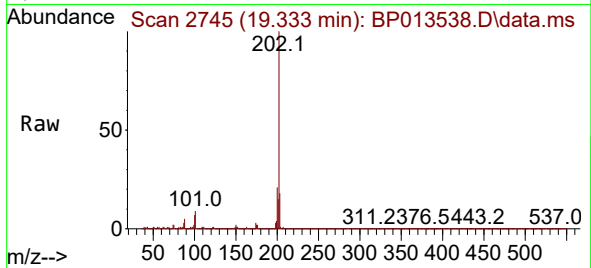




#80
Fluoranthene
Concen: 26.919 ng/ul
RT: 19.333 min Scan# 21
Delta R.T. 0.018 min
Lab File: BP013538.D
Acq: 19 Jan 2023 00:29

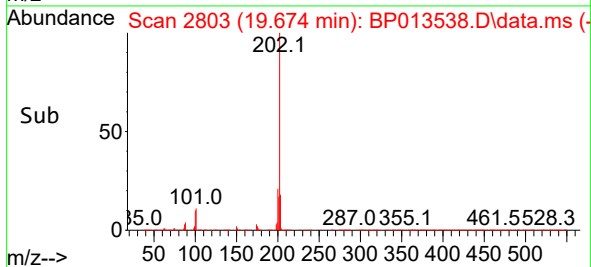
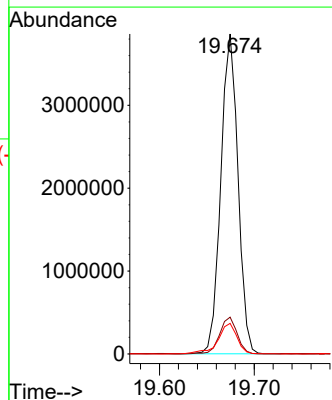
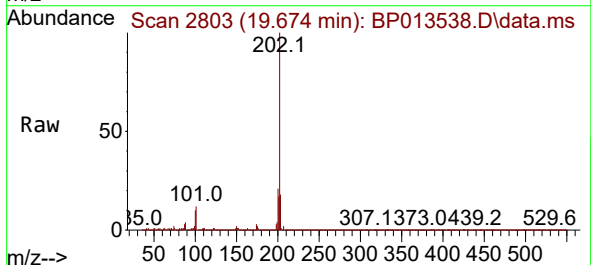
Instrument :
BNA_P
ClientSampleId :
A4470MS

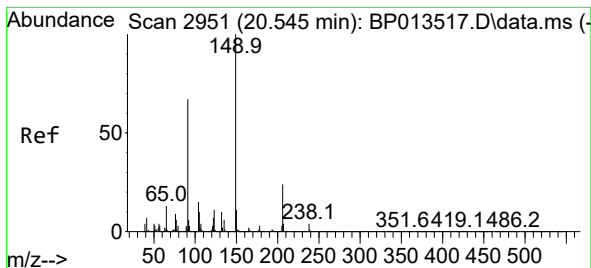
Tgt Ion:202 Resp: 4670911
Ion Ratio Lower Upper
202 100
101 9.4 8.3 12.5
100 7.0 6.8 10.2



#82
Pyrene
Concen: 26.442 ng/ul
RT: 19.674 min Scan# 2803
Delta R.T. -0.000 min
Lab File: BP013538.D
Acq: 19 Jan 2023 00:29

Tgt Ion:202 Resp: 4861470
Ion Ratio Lower Upper
202 100
101 11.5 8.8 13.2
100 9.5 7.4 11.2





#83

Butylbenzylphthalate

Concen: 36.150 ng/ul

RT: 20.533 min Scan# 2951

Delta R.T. -0.006 min

Lab File: BP013538.D

Acq: 19 Jan 2023 00:29

Instrument :

BNA_P

ClientSampleId :

A4470MS

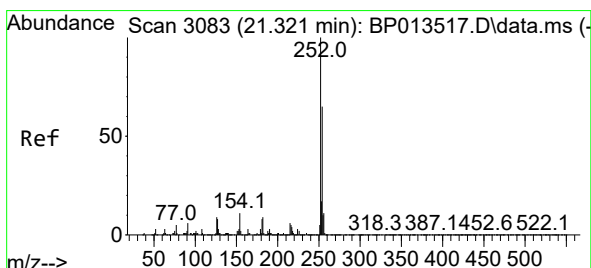
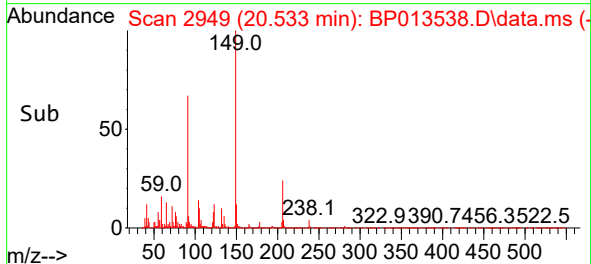
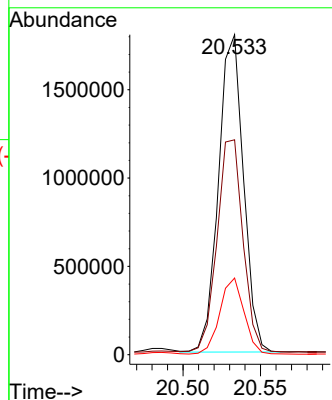
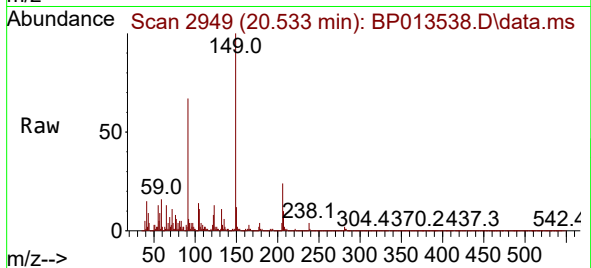
Tgt Ion:149 Resp: 2016772

Ion Ratio Lower Upper

149 100

91 67.2 55.8 83.6

206 23.9 18.5 27.7



#84

3,3'-Dichlorobenzidine

Concen: 3.793 ng/ul

RT: 21.327 min Scan# 3084

Delta R.T. 0.012 min

Lab File: BP013538.D

Acq: 19 Jan 2023 00:29

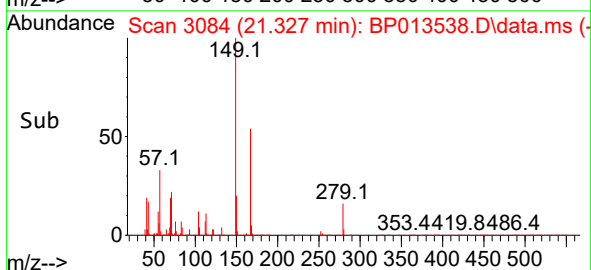
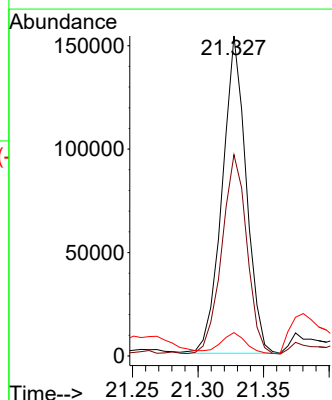
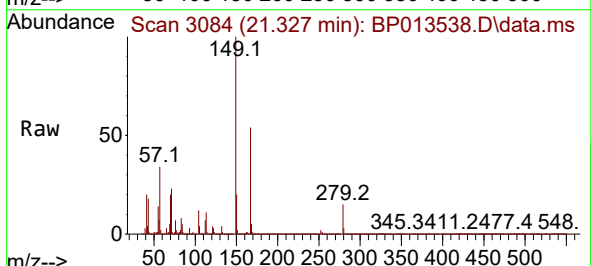
Tgt Ion:252 Resp: 194779

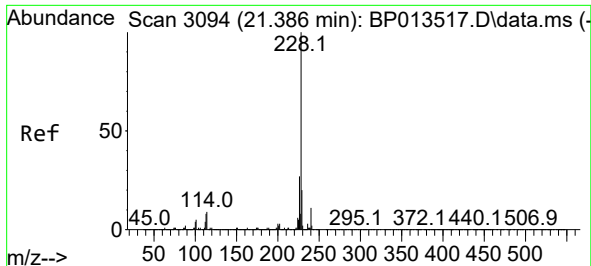
Ion Ratio Lower Upper

252 100

254 62.9 51.0 76.4

126 7.3 7.0 10.4

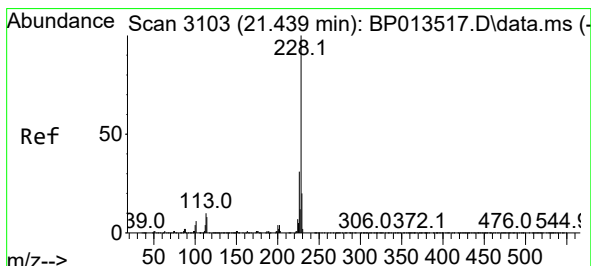
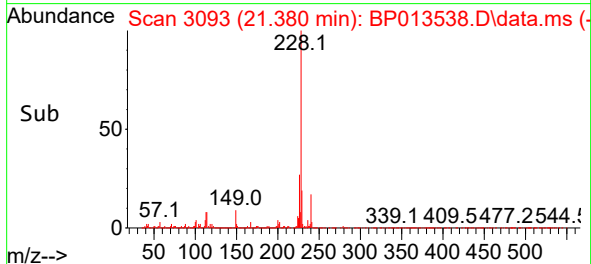
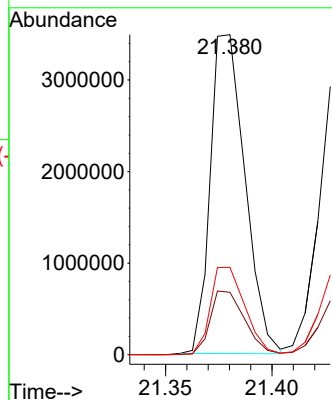
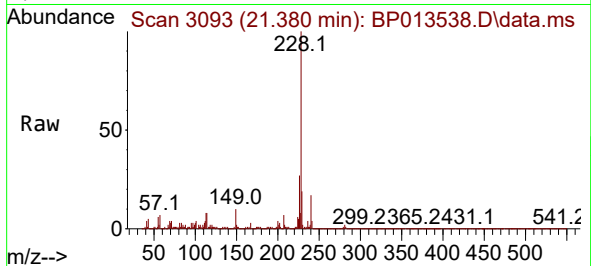




#85
Benzo(a)anthracene
Concen: 21.423 ng/u1
RT: 21.380 min Scan# 3094
Delta R.T. -0.006 min
Lab File: BP013538.D
Acq: 19 Jan 2023 00:29

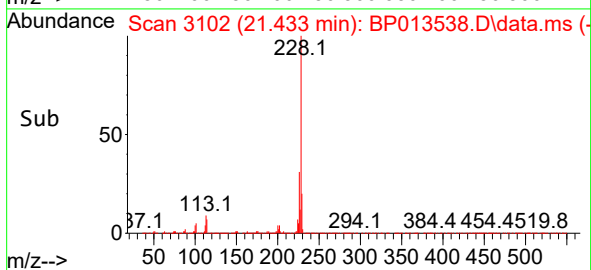
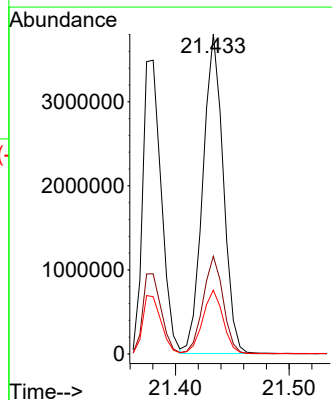
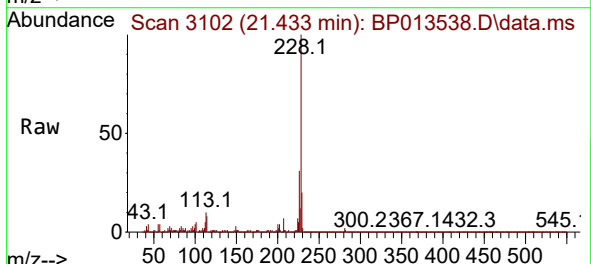
Instrument :
BNA_P
ClientSampleId :
A4470MS

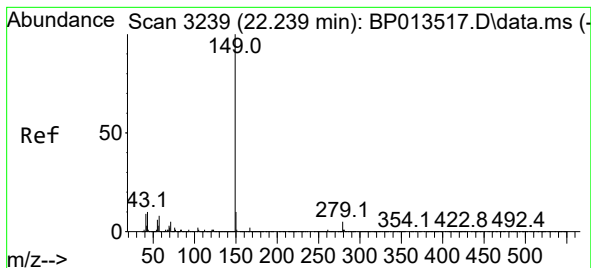
Tgt Ion:228 Resp: 3953129
Ion Ratio Lower Upper
228 100
229 19.5 15.9 23.9
226 27.3 21.2 31.8



#87
Chrysene
Concen: 26.344 ng/u1
RT: 21.433 min Scan# 3102
Delta R.T. -0.006 min
Lab File: BP013538.D
Acq: 19 Jan 2023 00:29

Tgt Ion:228 Resp: 4738063
Ion Ratio Lower Upper
228 100
226 30.5 24.2 36.2
229 19.9 15.6 23.4





#89

Di-n-octyl phthalate

Concen: 35.637 ng/ul

RT: 22.227 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP013538.D

Acq: 19 Jan 2023 00:29

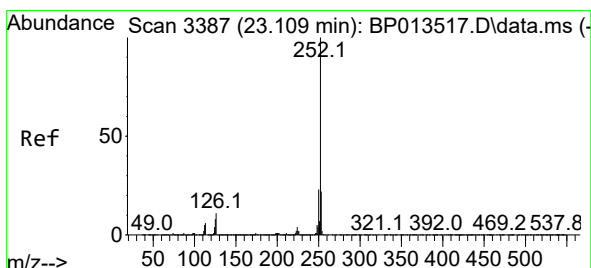
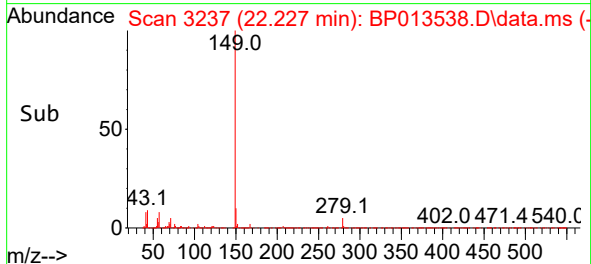
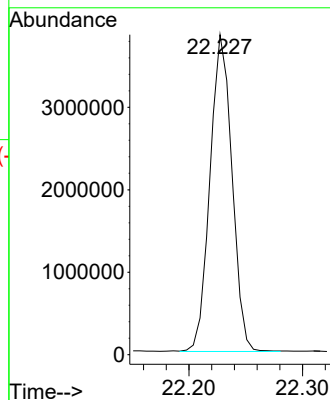
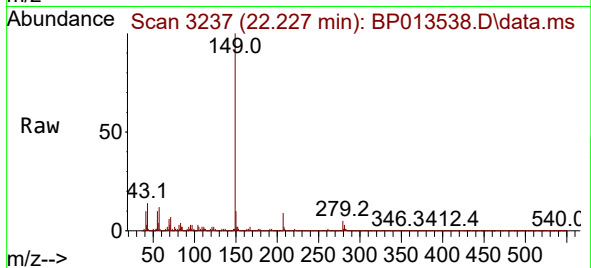
Instrument :

BNA_P

ClientSampleId :

A4470MS

Tgt Ion:149 Resp: 5175162



#90

Benzo(b)fluoranthene

Concen: 26.065 ng/ul

RT: 23.104 min Scan# 3386

Delta R.T. -0.000 min

Lab File: BP013538.D

Acq: 19 Jan 2023 00:29

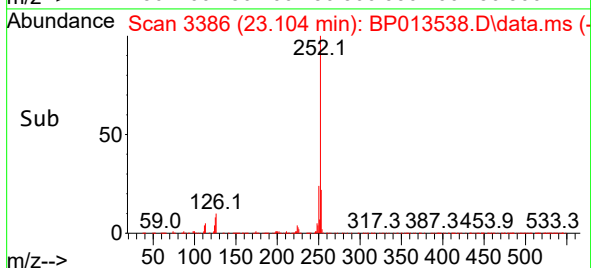
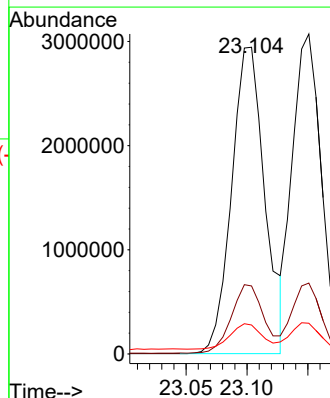
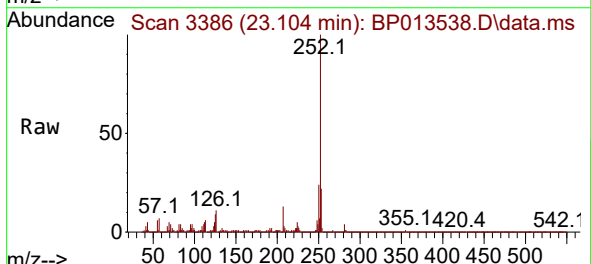
Tgt Ion:252 Resp: 5584756

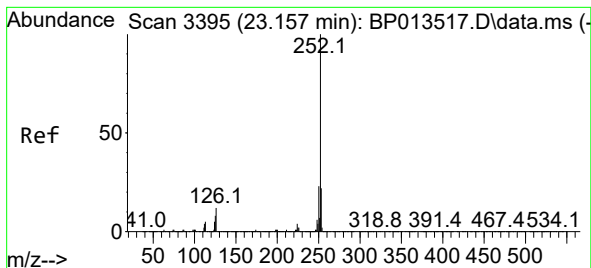
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 9.4 7.1 10.7





#91

Benzo(k)fluoranthene

Concen: 24.752 ng/ul

RT: 23.151 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP013538.D

Acq: 19 Jan 2023 00:29

Instrument :

BNA_P

ClientSampleId :

A4470MS

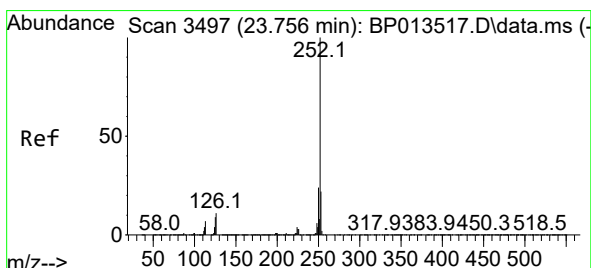
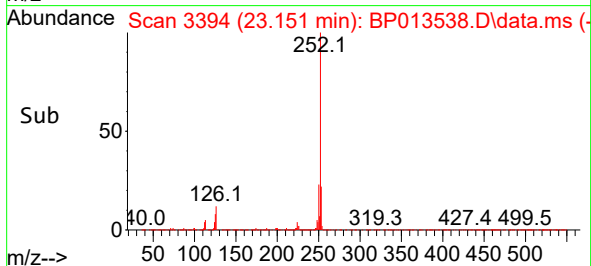
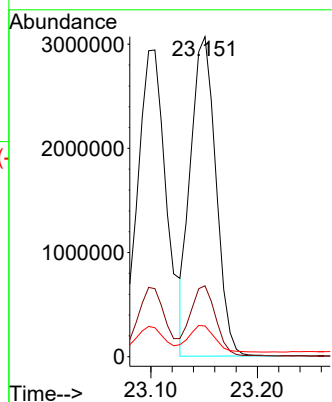
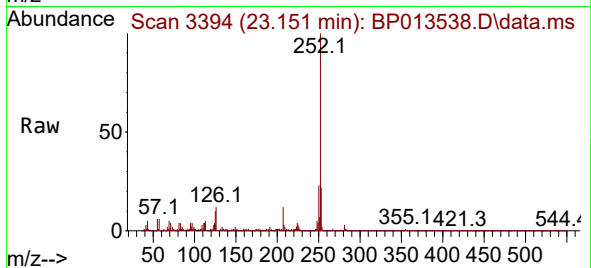
Tgt Ion:252 Resp: 5060678

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 9.6 6.9 10.3



#93

Benzo(a)pyrene

Concen: 25.532 ng/ul

RT: 23.745 min Scan# 3495

Delta R.T. -0.006 min

Lab File: BP013538.D

Acq: 19 Jan 2023 00:29

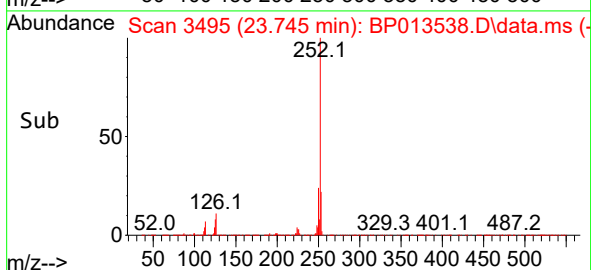
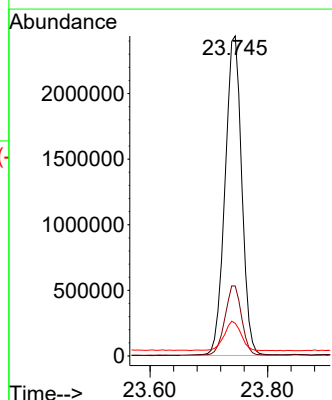
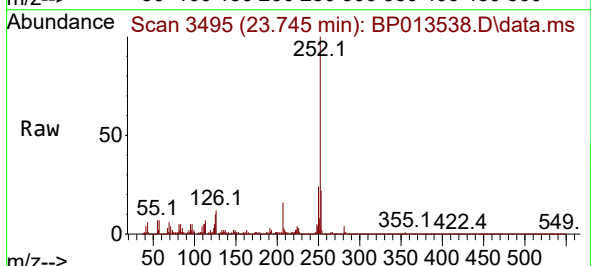
Tgt Ion:252 Resp: 4803369

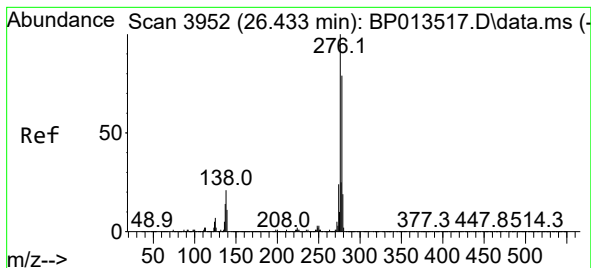
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 10.2 7.6 11.4





#94

Indeno(1,2,3-cd)pyrene

Concen: 25.080 ng/ul

RT: 26.415 min Scan# 3949

Delta R.T. -0.012 min

Lab File: BP013538.D

Acq: 19 Jan 2023 00:29

Instrument :

BNA_P

ClientSampleId :

A4470MS

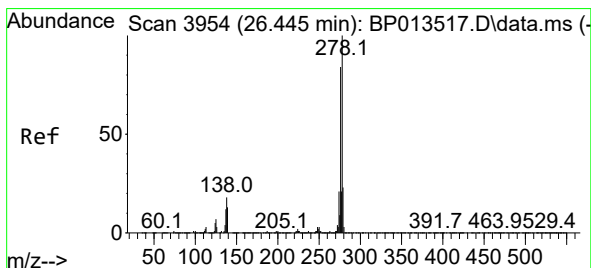
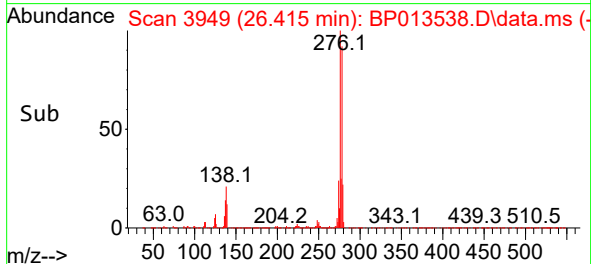
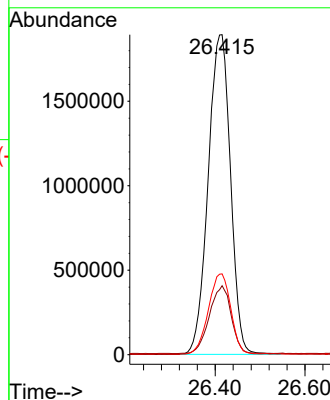
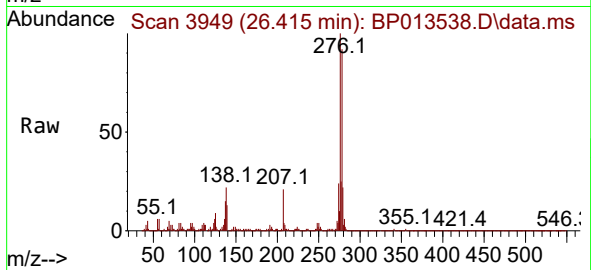
Tgt Ion:276 Resp: 6537691

Ion Ratio Lower Upper

276 100

138 21.6 17.3 25.9

277 25.2 20.1 30.1



#95

Dibenzo(a,h)anthracene

Concen: 25.145 ng/ul

RT: 26.427 min Scan# 3951

Delta R.T. -0.012 min

Lab File: BP013538.D

Acq: 19 Jan 2023 00:29

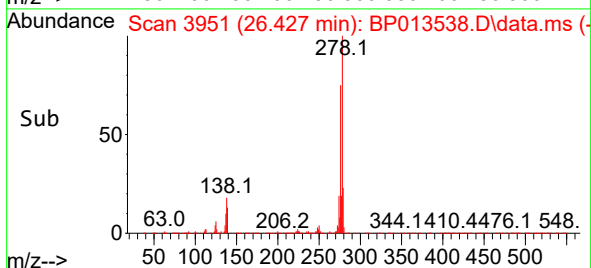
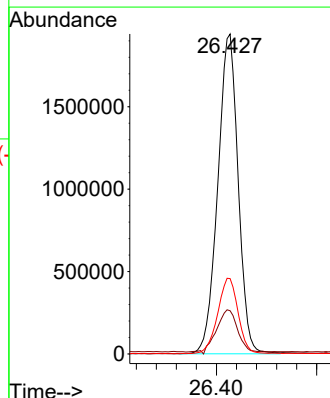
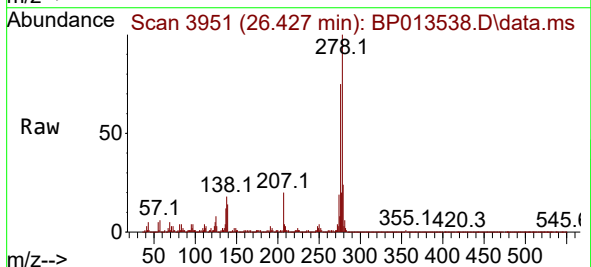
Tgt Ion:278 Resp: 5467841

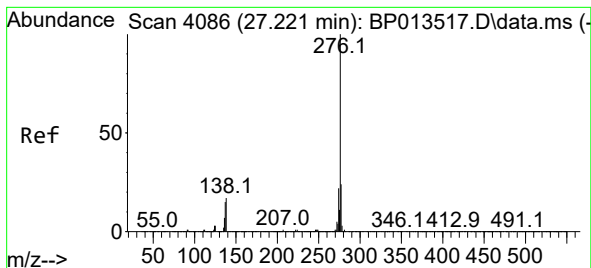
Ion Ratio Lower Upper

278 100

139 13.5 11.3 16.9

279 23.5 19.2 28.8





#96

Benzo(g,h,i)perylene

Concen: 21.818 ng/ul

RT: 27.198 min Scan# 4082

Delta R.T. -0.018 min

Lab File: BP013538.D

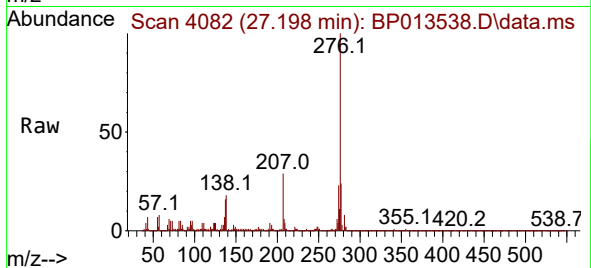
Acq: 19 Jan 2023 00:29

Instrument :

BNA_P

ClientSampleId :

A4470MS



Tgt Ion:276 Resp: 4677826

Ion Ratio Lower Upper

276 100

138 18.0 14.5 21.7

277 23.9 18.8 28.2

