

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
 Data File : BP013527.D
 Acq On : 18 Jan 2023 18:12
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jan 19 01:47:49 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	514367	20.000	ng/u1	0.00
20) Naphthalene-d8	10.710	136	2208291	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.546	164	1343205	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.304	188	2570478	20.000	ng/u1	0.00
79) Chrysene-d12	21.392	240	1965344	20.000	ng/u1	0.00
88) Perylene-d12	23.845	264	2420665	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	95596	7.224	ng/uL	0.00
4) Pyridine-d5	3.723	84	684463	18.545	ng/u1	0.00
7) Phenol-d5	7.064	99	812319	19.032	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	519028	19.276	ng/u1	0.00
11) 2-Chlorophenol-d4	7.428	132	638710	20.066	ng/u1	0.00
15) 4-Methylphenol-d8	8.611	113	644515	19.821	ng/u1	0.00
21) Nitrobenzene-d5	9.069	128	315649	20.075	ng/u1	0.00
24) 2-Nitrophenol-d4	9.793	143	360468	20.943	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	673715	19.641	ng/u1	0.00
31) 4-Chloroaniline-d4	10.852	131	853999	17.672	ng/u1	0.00
46) Dimethylphthalate-d6	13.951	166	1753084	17.914	ng/u1	0.00
49) Acenaphthylene-d8	14.240	160	2093554	19.327	ng/u1	0.00
54) 4-Nitrophenol-d4	14.751	143	285200	15.922	ng/u1	0.00
60) Fluorene-d10	15.540	176	1501160	17.366	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.663	200	290328	17.813	ng/u1	0.00
73) Anthracene-d10	17.404	188	2108798	18.561	ng/u1	0.00
81) Pyrene-d10	19.639	212	2143445	20.045	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.686	264	2167232	18.227	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.328	88	102067	7.004	ng/uL	97
5) Pyridine	3.740	79	684317	18.335	ng/u1	98
6) Benzaldehyde	7.040	77	365608	22.459	ng/u1	94
8) Phenol	7.087	94	824118	18.663	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.322	93	671052	19.219	ng/u1	99
12) 2-Chlorophenol	7.458	128	660500	19.920	ng/u1	96
13) 2-Methylphenol	8.346	108	623000	19.646	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.422	45	1060894	19.690	ng/u1	99
16) Acetophenone	8.728	105	1041780	20.299	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.711	70	531474	21.660	ng/u1	99
18) 4-Methylphenol	8.675	108	688780	19.761	ng/u1	97
19) Hexachloroethane	8.981	117	267383	20.013	ng/u1	96
22) Nitrobenzene	9.111	77	777232	18.938	ng/u1	96
23) Isophorone	9.640	82	1437236	20.010	ng/u1	99
25) 2-Nitrophenol	9.822	139	380134	20.313	ng/u1	99
26) 2,4-Dimethylphenol	9.881	107	744744	19.076	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.116	93	906302	19.095	ng/u1	99
29) 2,4-Dichlorophenol	10.357	162	660135	19.236	ng/u1	98
30) Naphthalene	10.757	128	2141654	18.231	ng/u1	99
32) 4-Chloroaniline	10.875	127	867251	17.850	ng/u1	98
33) Hexachlorobutadiene	11.040	225	464993	18.869	ng/u1	99
34) Caprolactam	11.657	113	173859	17.029	ng/u1	97
35) 4-Chloro-3-methylphenol	11.999	107	649080	19.597	ng/u1	100
36) 2-Methylnaphthalene	12.369	142	1422688	18.937	ng/u1	98

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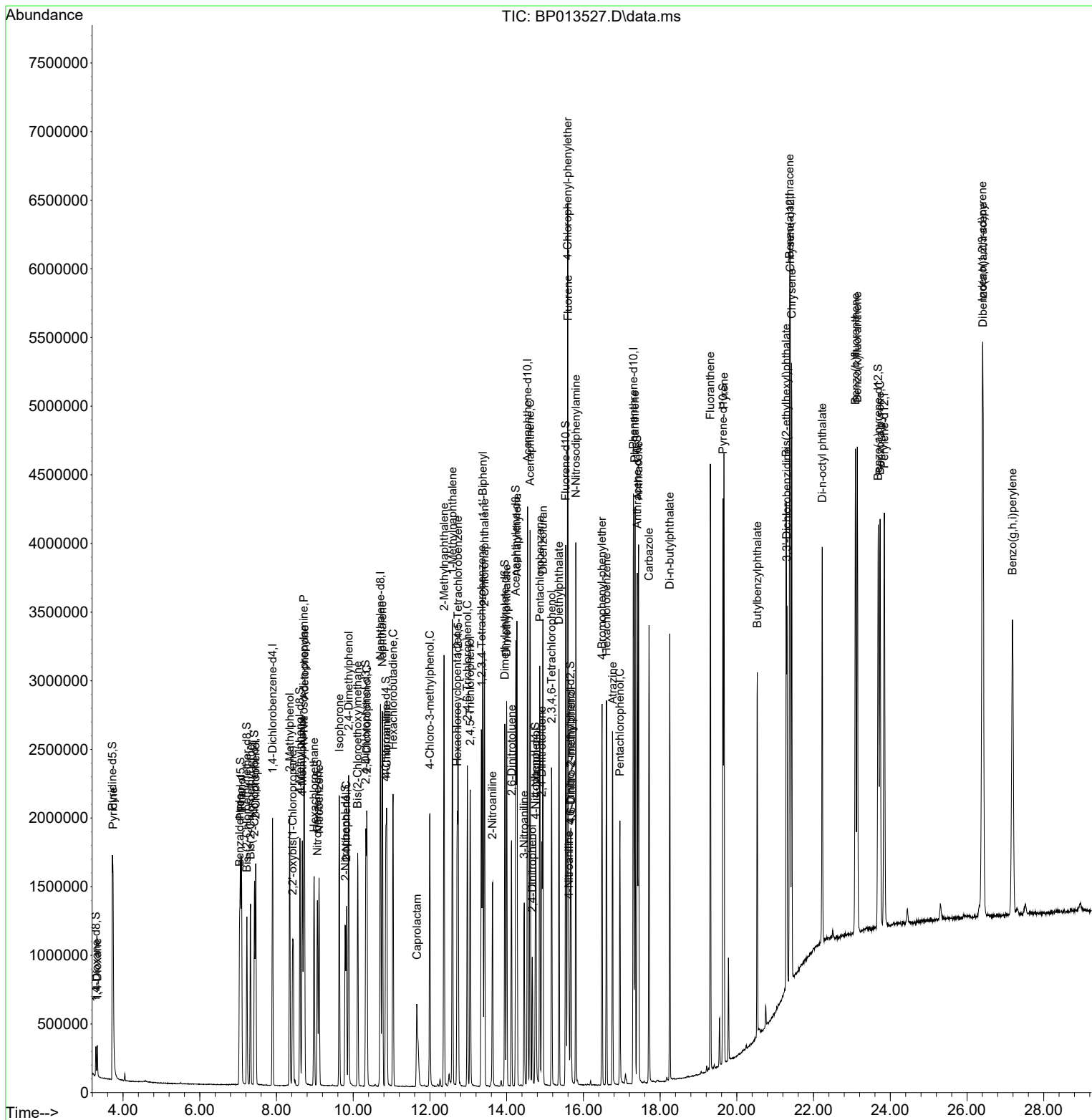
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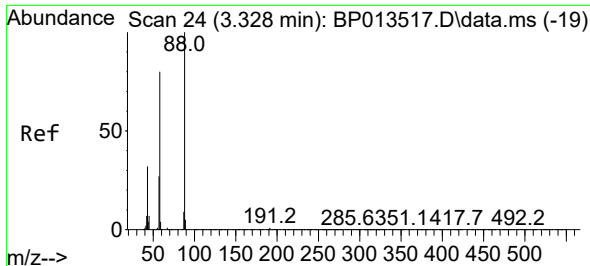
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 18 01:06:35 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.587	142	1460216	18.738	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.734	216	868289	18.856	ng/ul	98
40) Hexachlorocyclopentadiene	12.710	237	502041	18.122	ng/ul	99
41) 2,4,6-Trichlorophenol	12.975	196	541007	19.972	ng/ul	98
42) 2,4,5-Trichlorophenol	13.051	196	580361	19.688	ng/ul	99
43) 1,1'-Biphenyl	13.375	154	1922584	18.853	ng/ul	99
44) 2-Chloronaphthalene	13.422	162	1522825	18.506	ng/ul	100
45) 2-Nitroaniline	13.628	65	401088	20.141	ng/ul	99
47) Dimethylphthalate	13.998	163	1741501	17.812	ng/ul	98
48) 2,6-Dinitrotoluene	14.128	165	342855	20.250	ng/ul	95
50) Acenaphthylene	14.269	152	2273532	19.044	ng/ul	100
51) 3-Nitroaniline	14.457	138	297241	16.575	ng/ul	94
52) Acenaphthene	14.610	153	1538777	18.009	ng/ul	99
53) 2,4-Dinitrophenol	14.669	184	196094	15.560	ng/ul	96
55) 4-Nitrophenol	14.763	109	220069	16.164	ng/ul	97
56) Dibenzofuran	14.945	168	2165535	17.646	ng/ul	99
57) 2,4-Dinitrotoluene	14.916	165	459876	18.273	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.169	232	475978	18.509	ng/ul	100
59) Diethylphthalate	15.363	149	1564040	17.091	ng/ul	99
61) Fluorene	15.598	166	1720592	17.565	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.587	204	908717	17.764	ng/ul	97
63) 4-Nitroaniline	15.622	138	250358	15.100	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.681	198	288237	17.916	ng/ul	97
67) N-Nitrosodiphenylamine	15.804	169	1395805	20.078	ng/ul	99
68) 4-Bromophenyl-phenylether	16.487	248	527827	19.824	ng/ul	96
69) Hexachlorobenzene	16.604	284	612012	19.064	ng/ul	96
70) Atrazine	16.763	200	467320	17.584	ng/ul	98
71) Pentachlorophenol	16.951	266	330173	17.278	ng/ul	97
72) Phenanthrene	17.345	178	2429388	17.777	ng/ul	99
74) Anthracene	17.439	178	2455559	18.191	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.346	216	845525	21.782	ng/ul	99
76) Pentachlorobenzene	14.863	250	792092	20.958	ng/ul	100
77) Carbazole	17.710	167	2015682	17.240	ng/ul	99
78) Di-n-butylphthalate	18.251	149	2064571	18.005	ng/ul	99
80) Fluoranthene	19.310	202	2511352	20.520	ng/ul	99
82) Pyrene	19.663	202	2604176	20.082	ng/ul	98
83) Butylbenzylphthalate	20.533	149	763278	19.397	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.304	252	785596	21.690	ng/ul	100
85) Benzo(a)anthracene	21.375	228	2396674	18.414	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.286	149	1040626	18.985	ng/ul	100
87) Chrysene	21.427	228	2299787	18.129	ng/ul	99
89) Di-n-octyl phthalate	22.227	149	1800633	17.355	ng/ul	100
90) Benzo(b)fluoranthene	23.092	252	2635128	17.213	ng/ul	99
91) Benzo(k)fluoranthene	23.139	252	2610568	17.871	ng/ul	100
93) Benzo(a)pyrene	23.733	252	2437478	18.134	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.404	276	3595266	19.304	ng/ul	98
95) Dibenzo(a,h)anthracene	26.415	278	2974111	19.143	ng/ul	99
96) Benzo(g,h,i)perylene	27.186	276	2970329	19.391	ng/ul	100

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

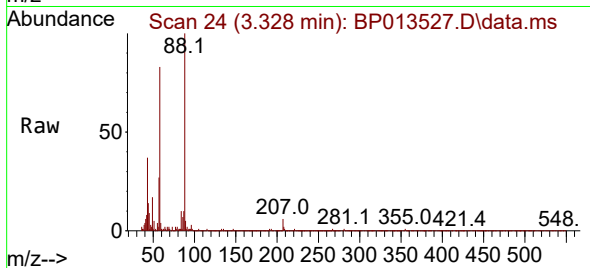
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Quant Title : SVOA CALIBRATION
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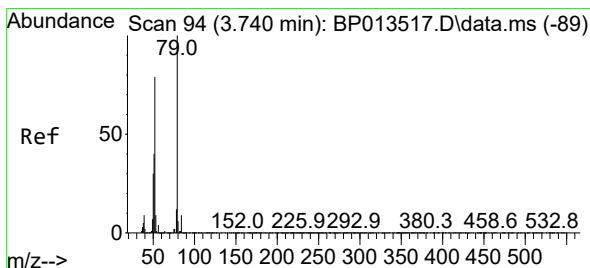
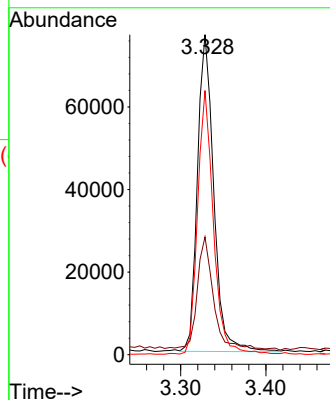
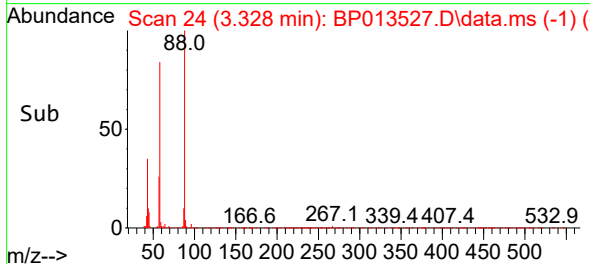


#2
1,4-Dioxane
Concen: 7.004 ng/uL
RT: 3.328 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP013527.D
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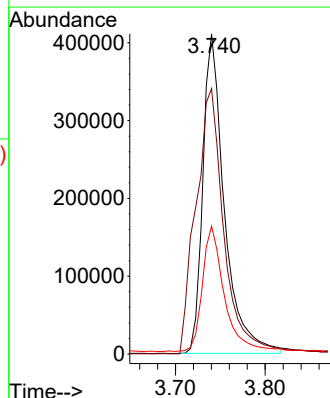
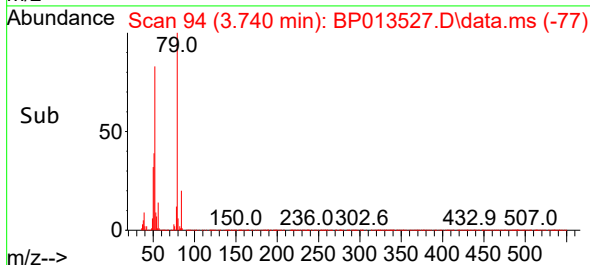
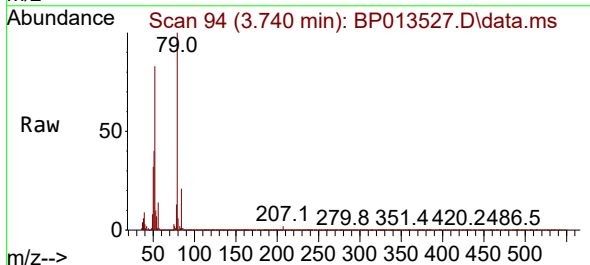


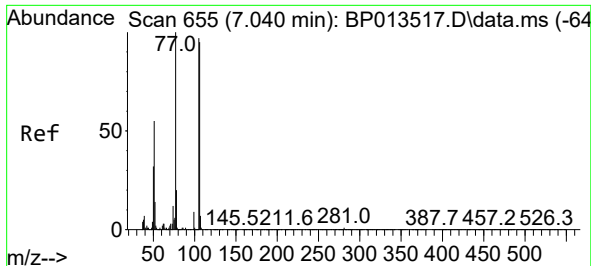
Tgt Ion: 88 Resp: 102067
Ion Ratio Lower Upper
88 100
43 36.8 26.6 40.0
58 82.6 64.7 97.1



#5
Pyridine
Concen: 18.335 ng/uL
RT: 3.740 min Scan# 94
Delta R.T. 0.000 min
Lab File: BP013527.D
Acq: 18 Jan 2023 18:12

Tgt Ion: 79 Resp: 684317
Ion Ratio Lower Upper
79 100
52 82.9 67.7 101.5
51 39.9 32.3 48.5

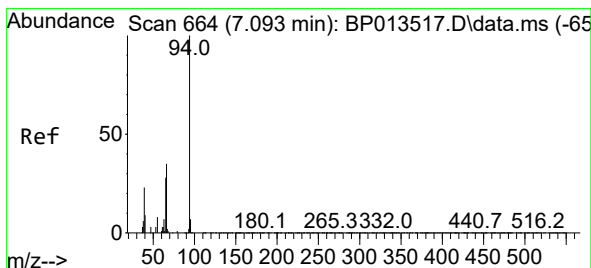
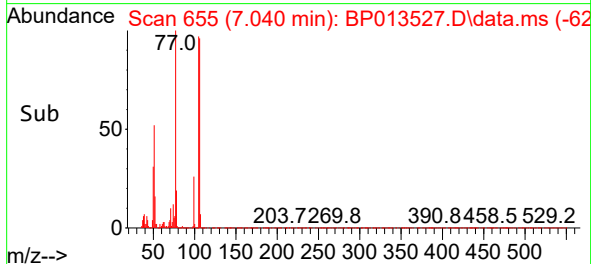
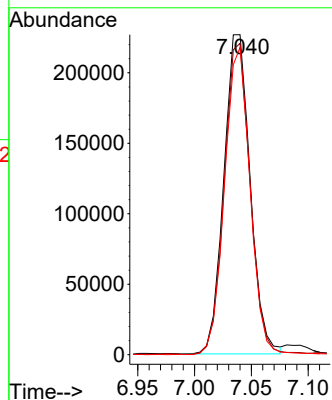
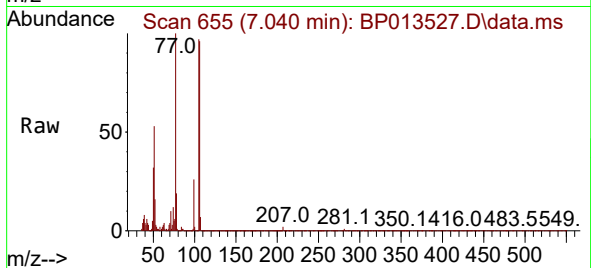




#6
Benzaldehyde
Concen: 22.459 ng/ul
RT: 7.040 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP013527.D
Acq: 18 Jan 2023 18:12

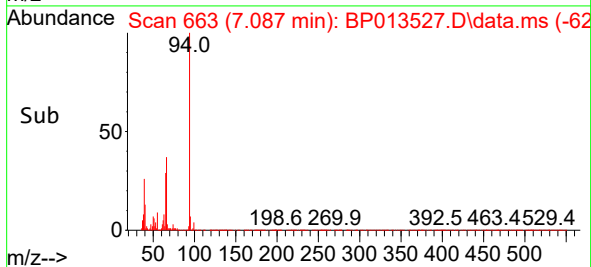
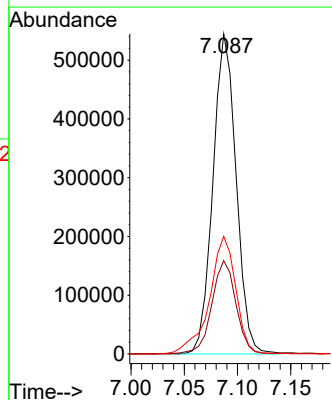
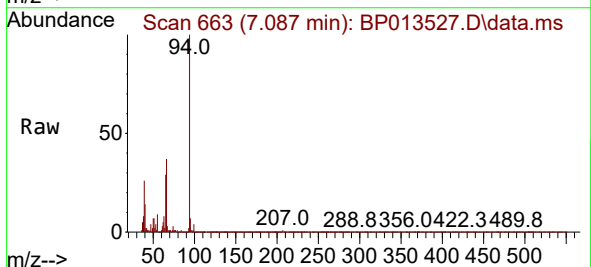
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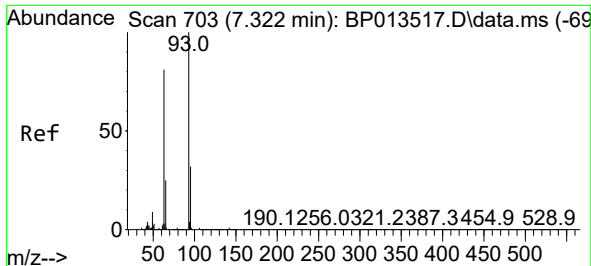
Tgt Ion: 77 Resp: 365608
Ion Ratio Lower Upper
77 100
105 97.3 75.4 113.0
106 96.0 69.8 104.8



#8
Phenol
Concen: 18.663 ng/ul
RT: 7.087 min Scan# 663
Delta R.T. 0.000 min
Lab File: BP013527.D
Acq: 18 Jan 2023 18:12

Tgt Ion: 94 Resp: 824118
Ion Ratio Lower Upper
94 100
65 29.2 22.8 34.2
66 36.7 28.6 42.8

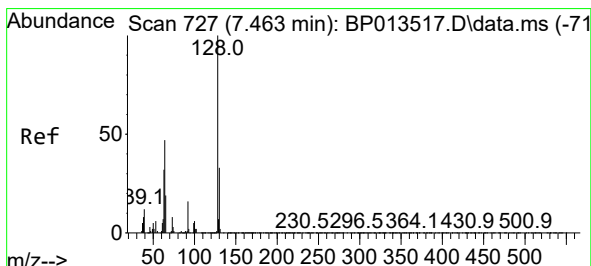
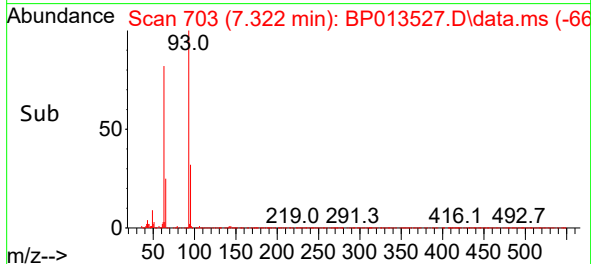
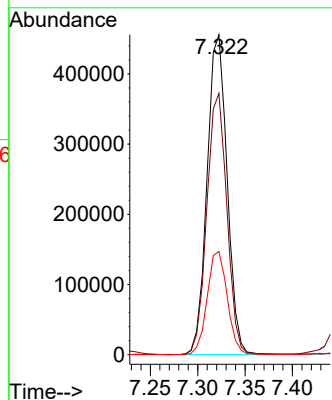
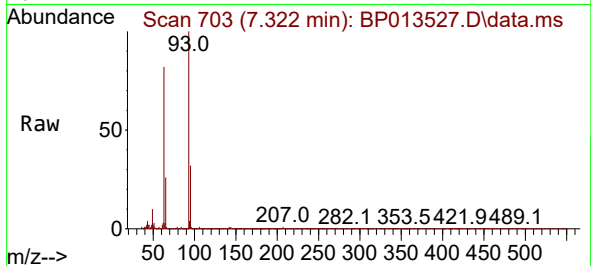




#10
Bis(2-Chloroethyl)ether
Concen: 19.219 ng/ul
RT: 7.322 min Scan# 703
Delta R.T. 0.000 min
Lab File: BP013527.D
Acq: 18 Jan 2023 18:12

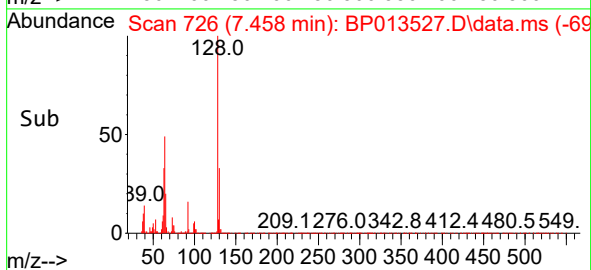
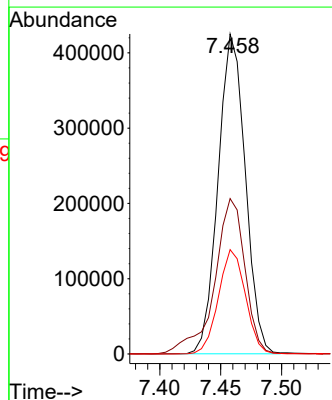
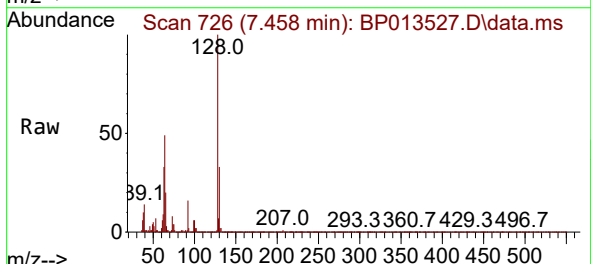
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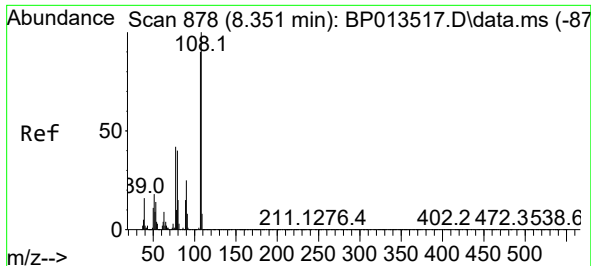
Tgt Ion: 93 Resp: 671052
Ion Ratio Lower Upper
93 100
63 81.7 64.7 97.1
95 32.2 25.7 38.5



#12
2-Chlorophenol
Concen: 19.920 ng/ul
RT: 7.458 min Scan# 726
Delta R.T. -0.006 min
Lab File: BP013527.D
Acq: 18 Jan 2023 18:12

Tgt Ion:128 Resp: 660500
Ion Ratio Lower Upper
128 100
64 48.6 41.4 62.2
130 32.6 24.9 37.3





#13

2-Methylphenol

Concen: 19.646 ng/ul

RT: 8.346 min Scan# 81

Delta R.T. 0.000 min

Lab File: BP013527.D

Acq: 18 Jan 2023 18:12

Instrument :

BNA_P

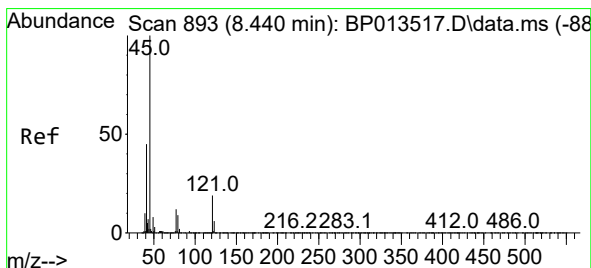
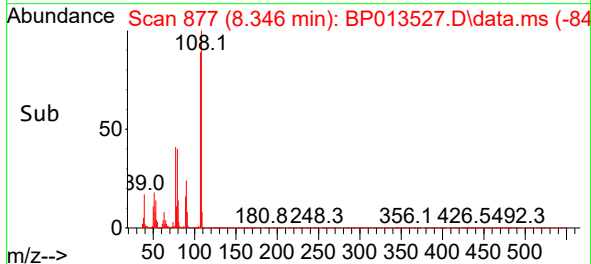
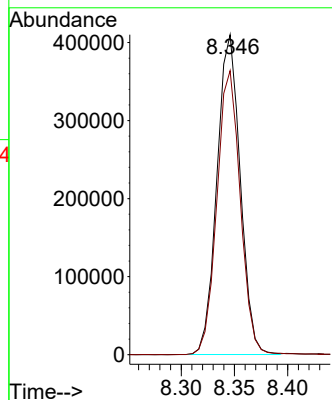
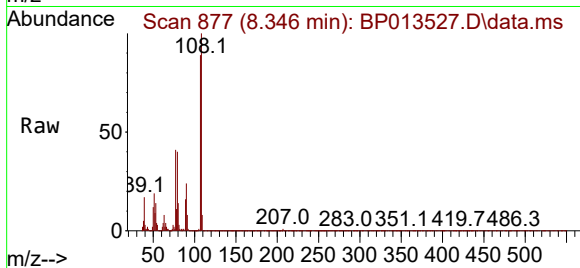
ClientSampleId :

Tgt Ion:108 Resp: 623000

Ion Ratio Lower Upper

108 100

107 88.7 69.4 104.0



#14

2,2'-oxybis(1-Chloropropane)

Concen: 19.690 ng/ul

RT: 8.422 min Scan# 890

Delta R.T. -0.012 min

Lab File: BP013527.D

Acq: 18 Jan 2023 18:12

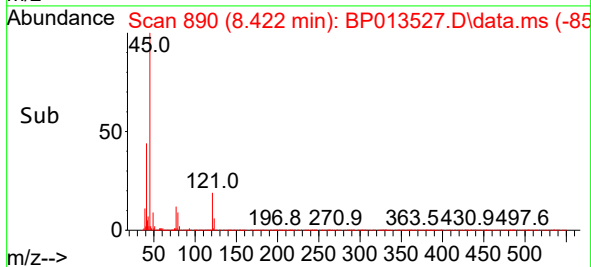
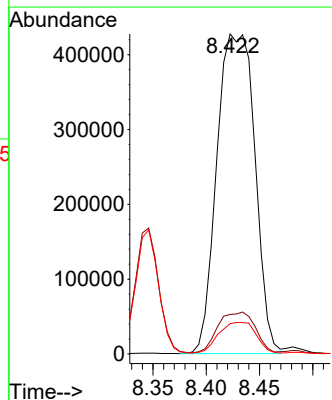
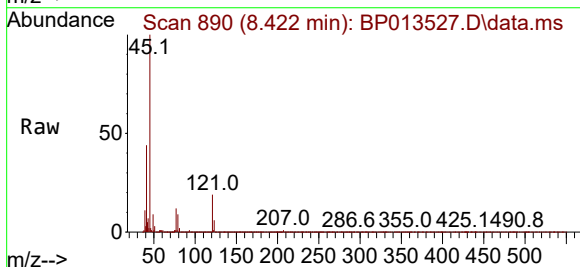
Tgt Ion: 45 Resp: 1060894

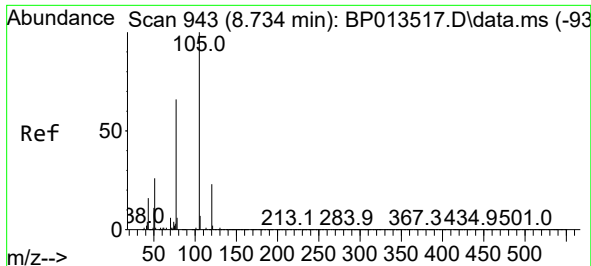
Ion Ratio Lower Upper

45 100

77 12.4 10.1 15.1

79 9.4 7.0 10.4

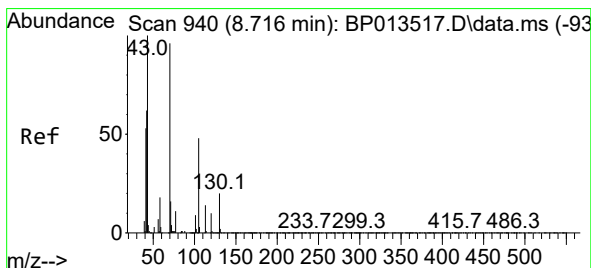
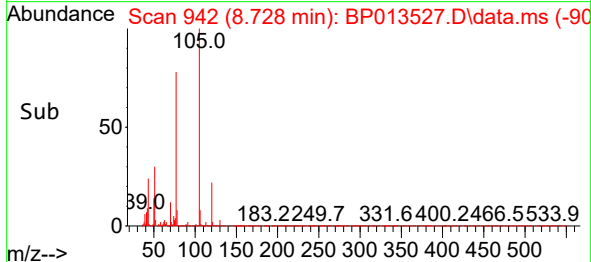
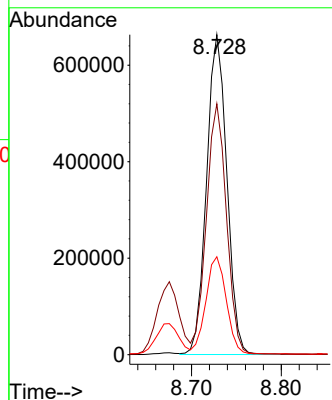
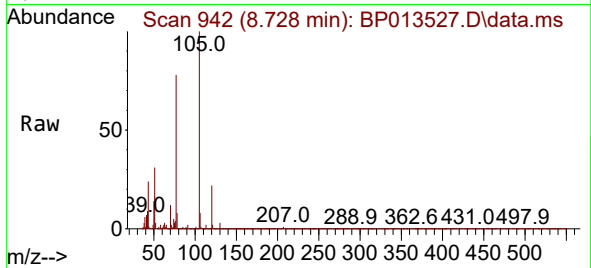




#16
Acetophenone
Concen: 20.299 ng/ul
RT: 8.728 min Scan# 943
Delta R.T. 0.000 min
Lab File: BP013527.D
Acq: 18 Jan 2023 18:12

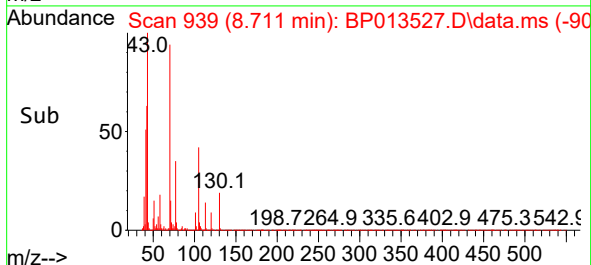
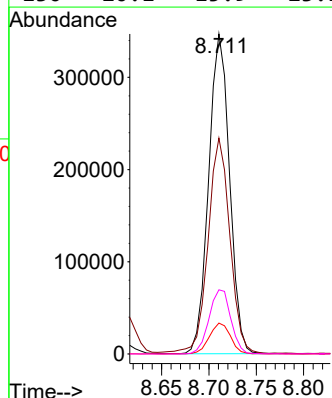
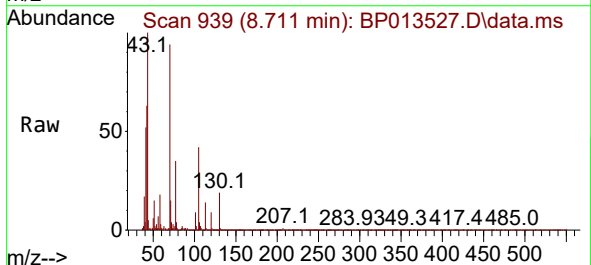
Instrument :
BNA_P
ClientSampleId :

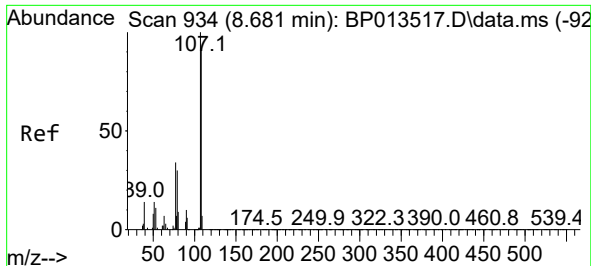
Tgt Ion:105 Resp: 1041780
Ion Ratio Lower Upper
105 100
77 78.4 62.5 93.7
51 30.6 24.7 37.1



#17
N-Nitroso-di-n-propylamine
Concen: 21.660 ng/ul
RT: 8.711 min Scan# 939
Delta R.T. 0.000 min
Lab File: BP013527.D
Acq: 18 Jan 2023 18:12

Tgt Ion: 70 Resp: 531474
Ion Ratio Lower Upper
70 100
42 67.4 53.6 80.4
101 9.7 8.0 12.0
130 20.1 15.9 23.9

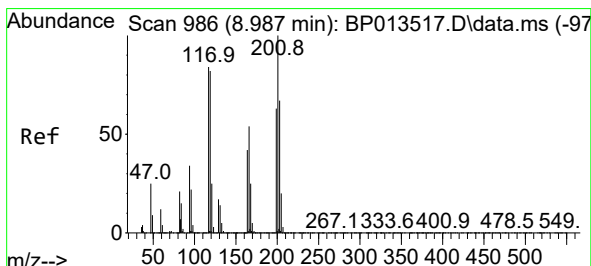
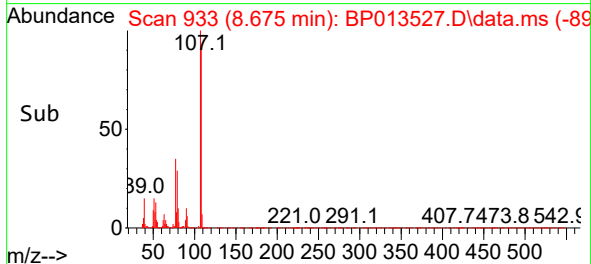
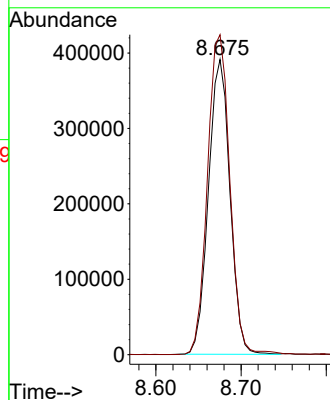
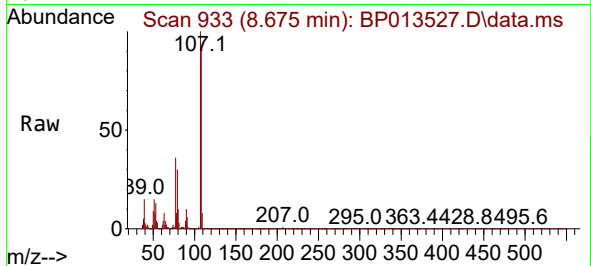




#18
4-Methylphenol
Concen: 19.761 ng/ul
RT: 8.675 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP013527.D
Acq: 18 Jan 2023 18:12

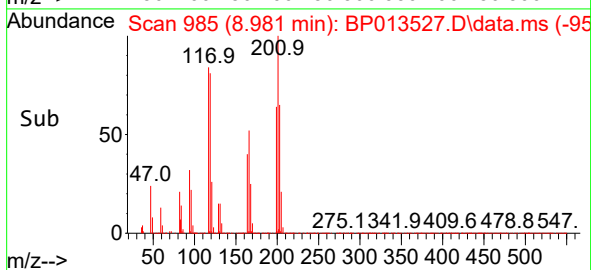
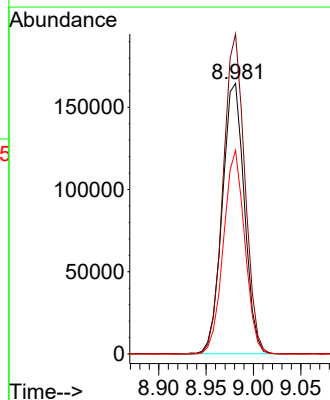
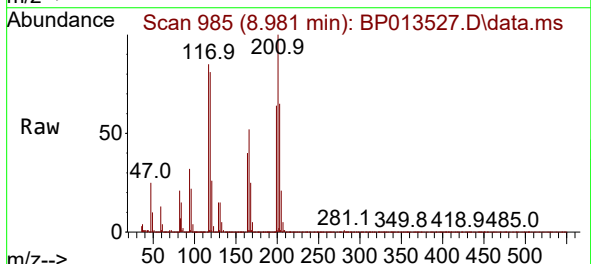
Instrument :
BNA_P
ClientSampleId :

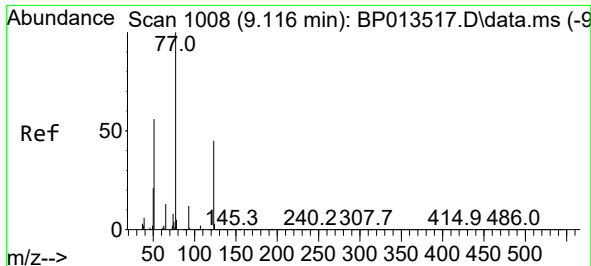
Tgt Ion:108 Resp: 688780
Ion Ratio Lower Upper
108 100
107 108.4 89.5 134.3



#19
Hexachloroethane
Concen: 20.013 ng/ul
RT: 8.981 min Scan# 985
Delta R.T. 0.000 min
Lab File: BP013527.D
Acq: 18 Jan 2023 18:12

Tgt Ion:117 Resp: 267383
Ion Ratio Lower Upper
117 100
201 118.3 90.6 136.0
199 75.3 58.7 88.1

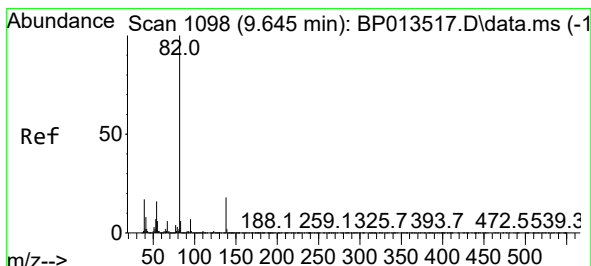
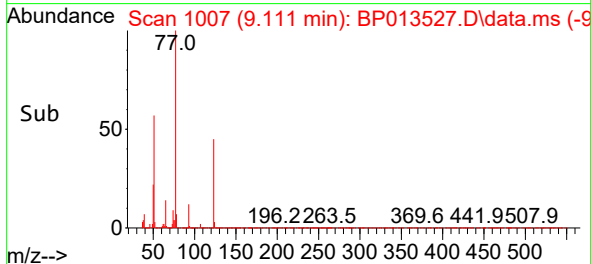
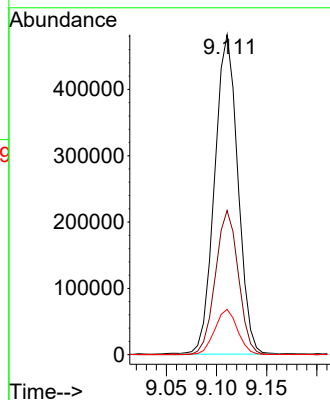
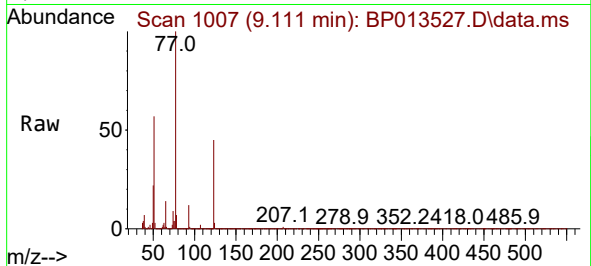




#22
Nitrobenzene
Concen: 18.938 ng/ul
RT: 9.111 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BP013527.D
Acq: 18 Jan 2023 18:12

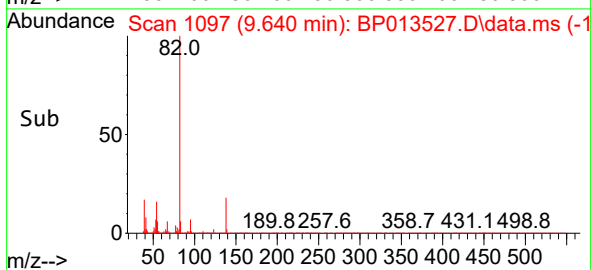
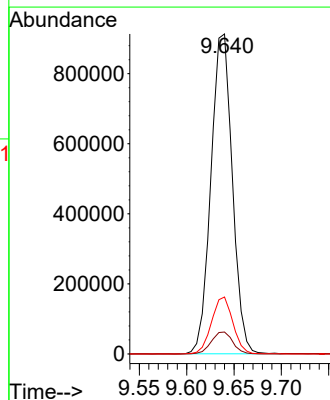
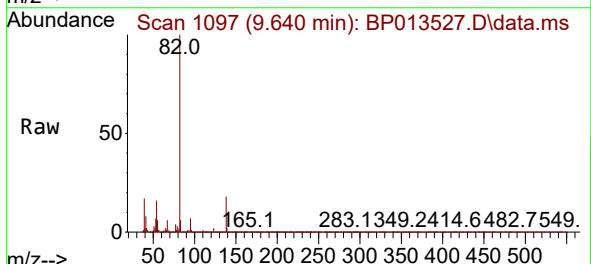
Instrument :
BNA_P
ClientSampleId :

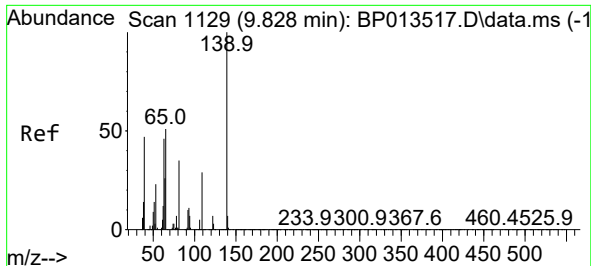
Tgt Ion: 77 Resp: 777232
Ion Ratio Lower Upper
77 100
123 45.1 33.7 50.5
65 14.1 11.0 16.4



#23
Isophorone
Concen: 20.010 ng/ul
RT: 9.640 min Scan# 1097
Delta R.T. 0.000 min
Lab File: BP013527.D
Acq: 18 Jan 2023 18:12

Tgt Ion: 82 Resp: 1437236
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.0
138 17.8 13.8 20.6

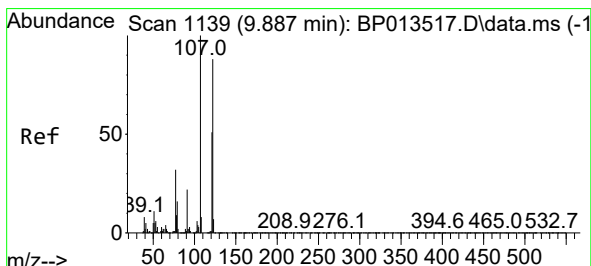
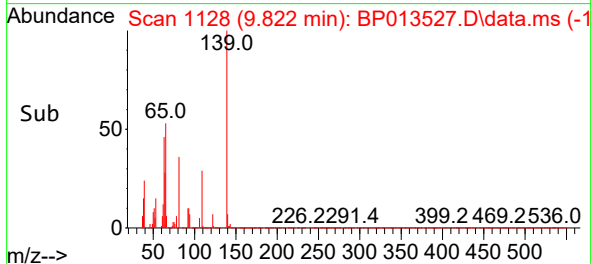
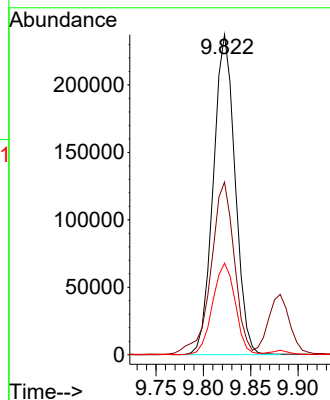
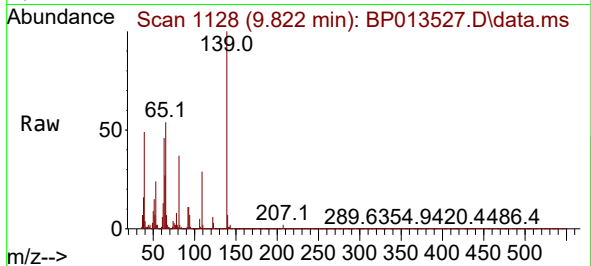




#25
2-Nitrophenol
Concen: 20.313 ng/ul
RT: 9.822 min Scan# 1128
Delta R.T. 0.000 min
Lab File: BP013527.D
Acq: 18 Jan 2023 18:12

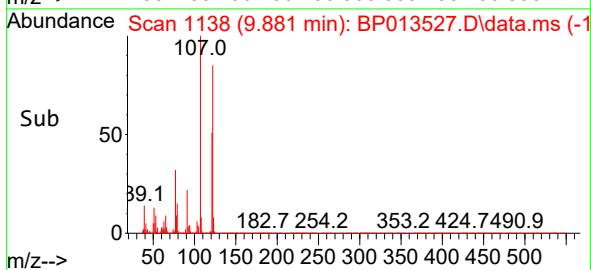
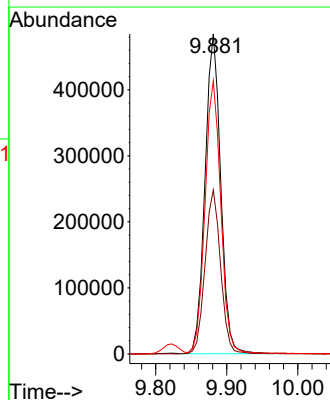
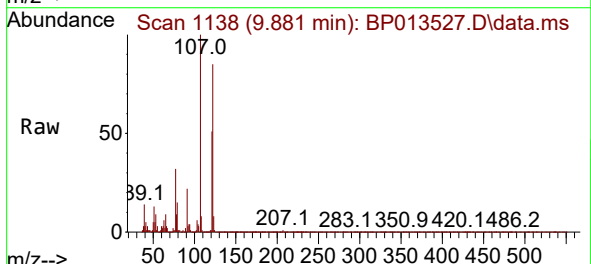
Instrument :
BNA_P
ClientSampleId :

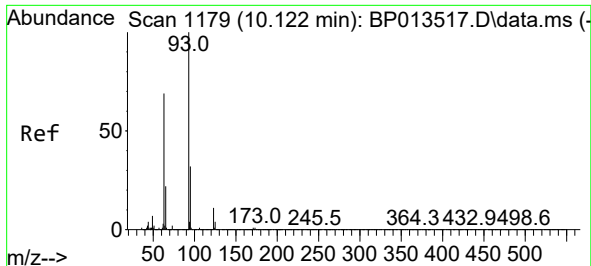
Tgt Ion:139 Resp: 380134
Ion Ratio Lower Upper
139 100
65 53.9 43.0 64.6
109 28.6 23.4 35.2



#26
2,4-Dimethylphenol
Concen: 19.076 ng/ul
RT: 9.881 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BP013527.D
Acq: 18 Jan 2023 18:12

Tgt Ion:107 Resp: 744744
Ion Ratio Lower Upper
107 100
121 51.3 39.9 59.9
122 85.3 68.3 102.5

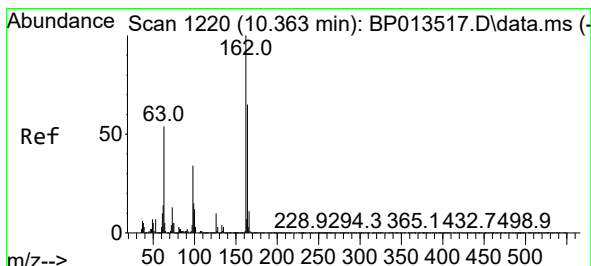
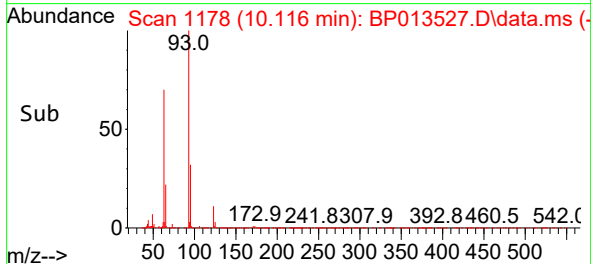
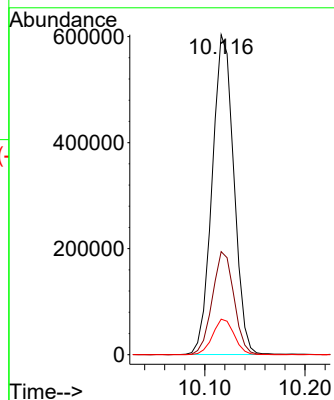
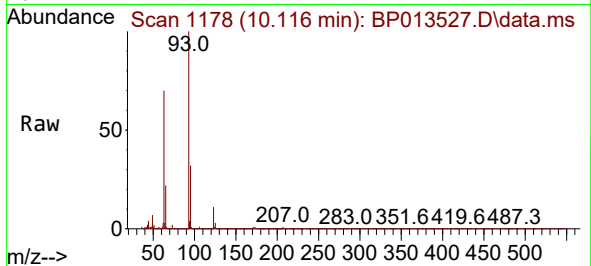




#27
Bis(2-Chloroethoxy)methane
Concen: 19.095 ng/ul
RT: 10.116 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BP013527.D
Acq: 18 Jan 2023 18:12

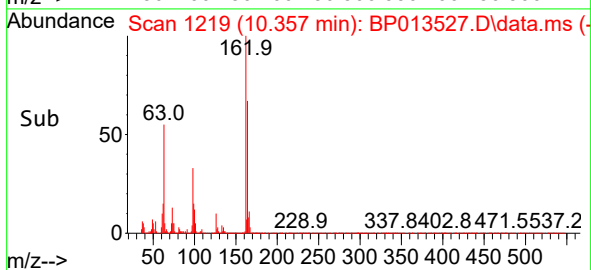
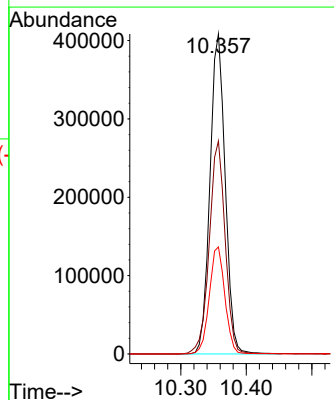
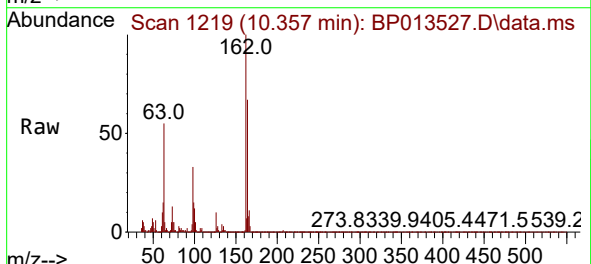
Instrument :
BNA_P
ClientSampleId :

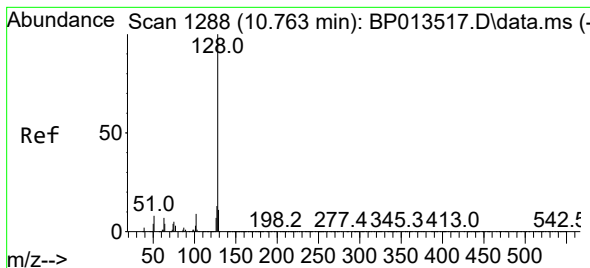
Tgt Ion: 93 Resp: 906302
Ion Ratio Lower Upper
93 100
95 32.2 25.3 37.9
123 11.1 8.4 12.6



#29
2,4-Dichlorophenol
Concen: 19.236 ng/ul
RT: 10.357 min Scan# 1219
Delta R.T. 0.000 min
Lab File: BP013527.D
Acq: 18 Jan 2023 18:12

Tgt Ion:162 Resp: 660135
Ion Ratio Lower Upper
162 100
164 66.5 51.9 77.9
98 33.5 27.1 40.7

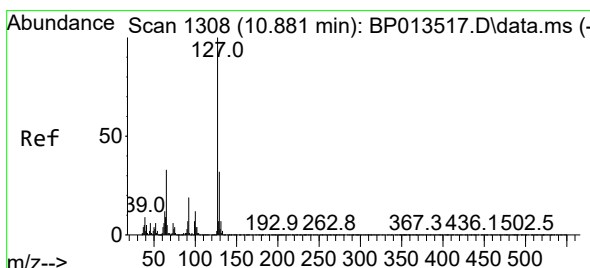
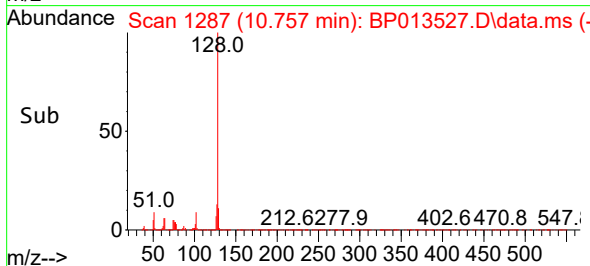
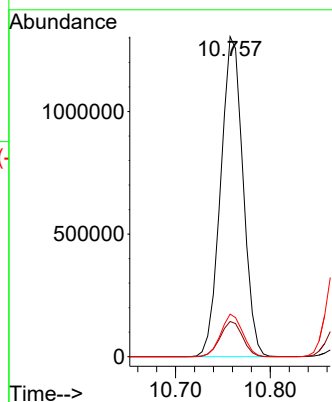
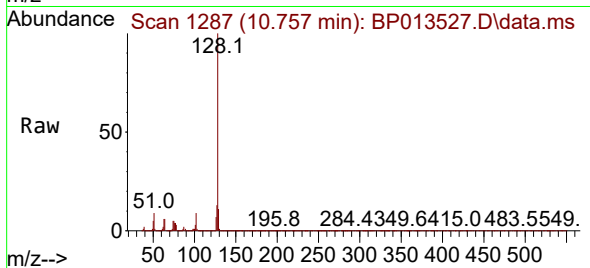




#30
Naphthalene
Concen: 18.231 ng/ul
RT: 10.757 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BP013527.D
Acq: 18 Jan 2023 18:12

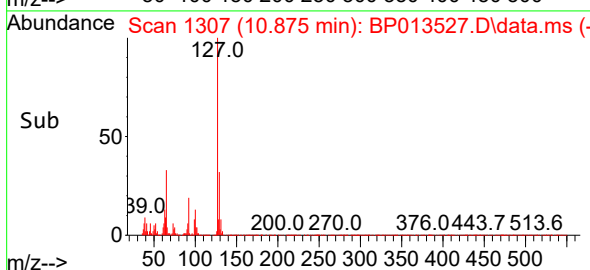
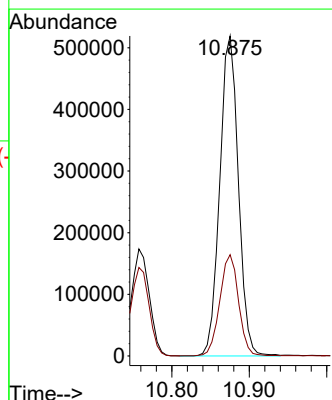
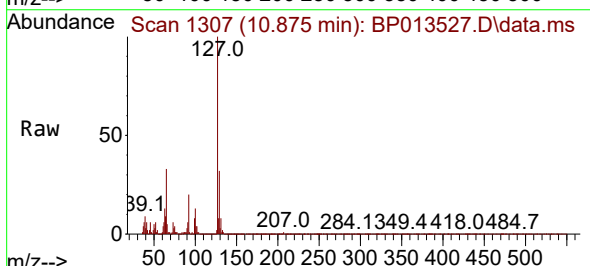
Instrument :
BNA_P
ClientSampleId :

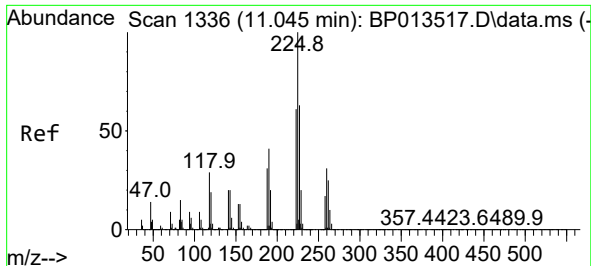
Tgt Ion:128 Resp: 2141654
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.3 10.1 15.1



#32
4-Chloroaniline
Concen: 17.850 ng/ul
RT: 10.875 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BP013527.D
Acq: 18 Jan 2023 18:12

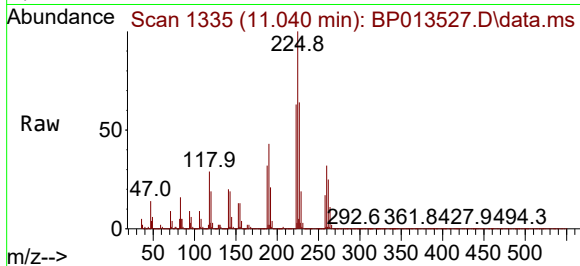
Tgt Ion:127 Resp: 867251
Ion Ratio Lower Upper
127 100
129 31.6 26.1 39.1



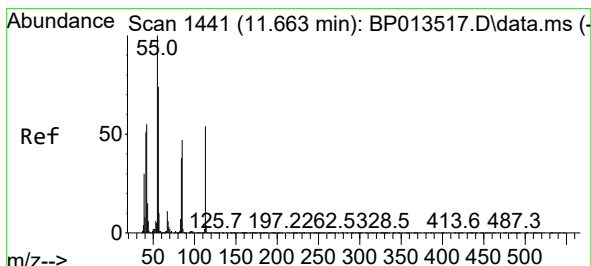
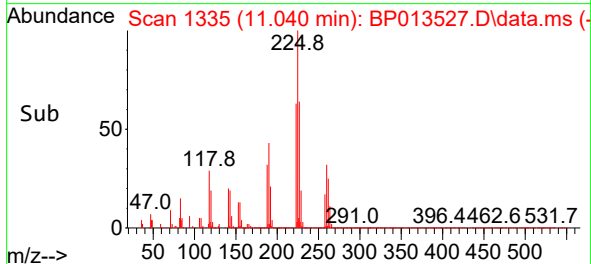
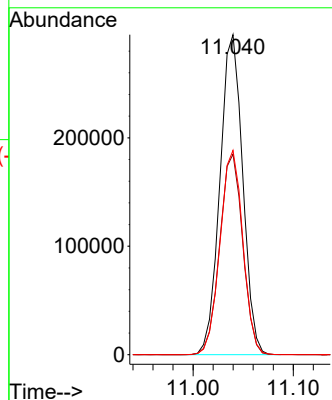


#33
Hexachlorobutadiene
Concen: 18.869 ng/ul
RT: 11.040 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP013527.D
Acq: 18 Jan 2023 18:12

Instrument :
BNA_P
ClientSampleId :

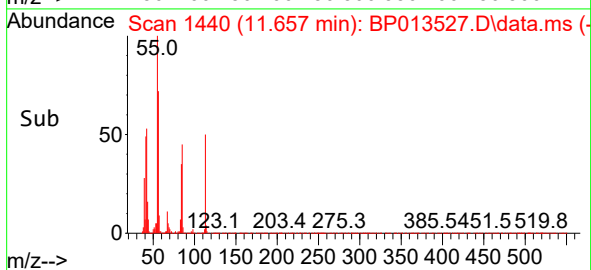
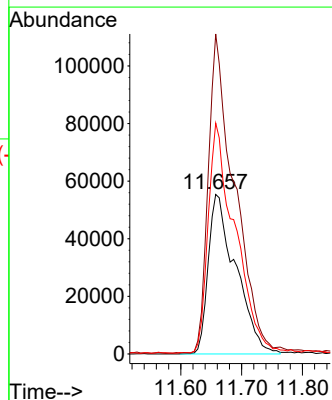
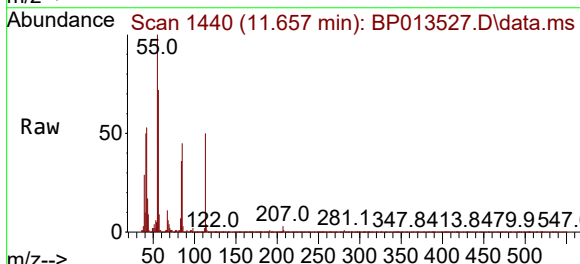


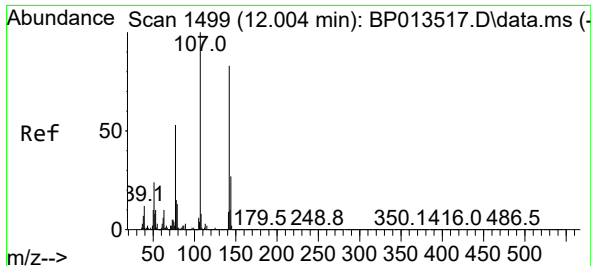
Tgt Ion:225 Resp: 464993
Ion Ratio Lower Upper
225 100
223 62.6 48.8 73.2
227 63.9 50.6 76.0



#34
Caprolactam
Concen: 17.029 ng/ul
RT: 11.657 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BP013527.D
Acq: 18 Jan 2023 18:12

Tgt Ion:113 Resp: 173859
Ion Ratio Lower Upper
113 100
55 200.5 156.4 234.6
56 144.7 117.1 175.7

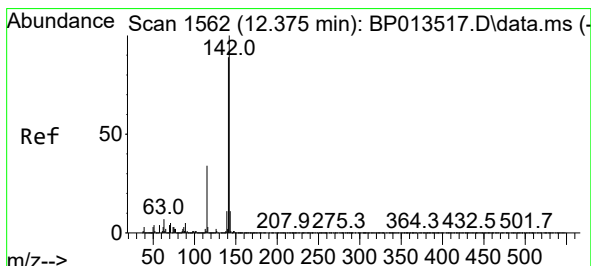
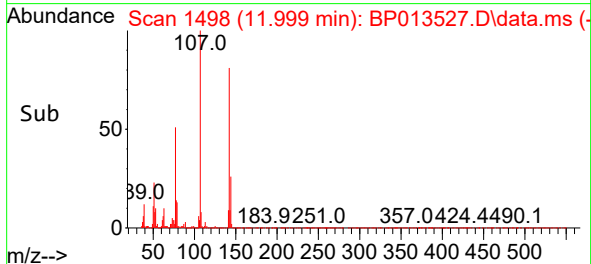
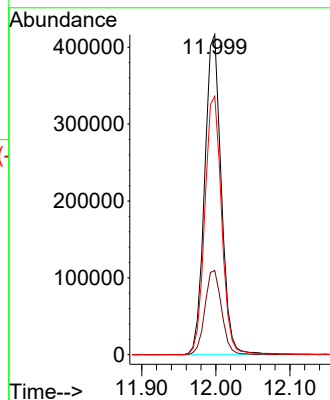
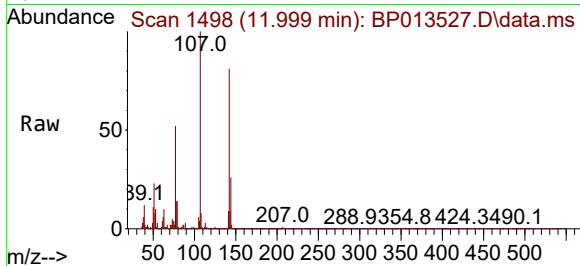




#35
4-Chloro-3-methylphenol
Concen: 19.597 ng/ul
RT: 11.999 min Scan# 1498
Delta R.T. 0.000 min
Lab File: BP013527.D
Acq: 18 Jan 2023 18:12

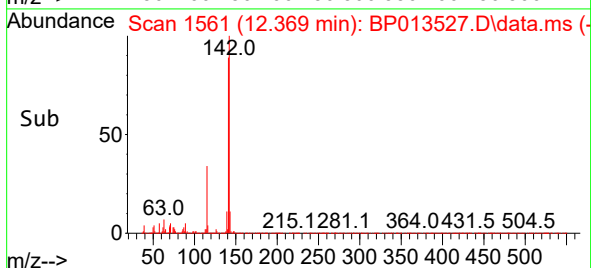
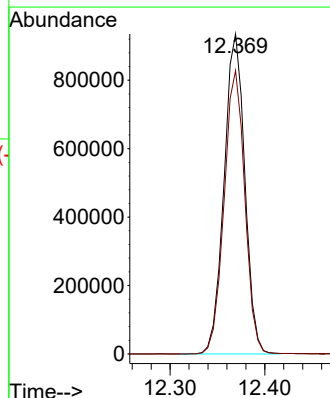
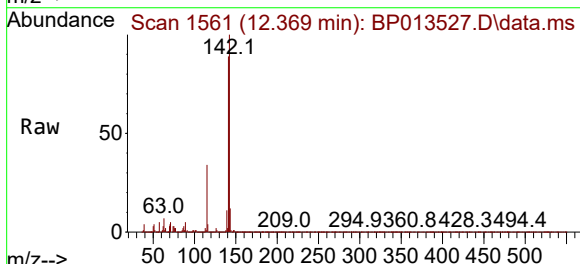
Instrument :
BNA_P
ClientSampleId :

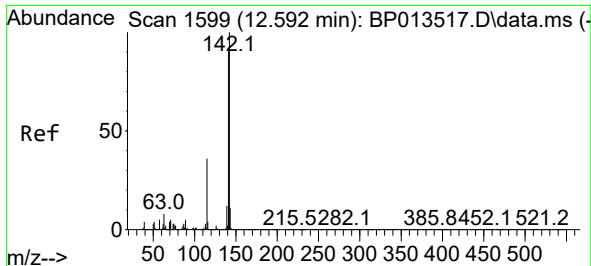
Tgt Ion:107 Resp: 649080
Ion Ratio Lower Upper
107 100
144 26.3 21.0 31.6
142 80.7 64.8 97.2



#36
2-Methylnaphthalene
Concen: 18.937 ng/ul
RT: 12.369 min Scan# 1561
Delta R.T. 0.000 min
Lab File: BP013527.D
Acq: 18 Jan 2023 18:12

Tgt Ion:142 Resp: 1422688
Ion Ratio Lower Upper
142 100
141 88.6 69.7 104.5

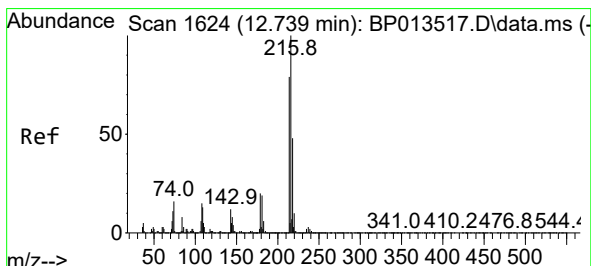
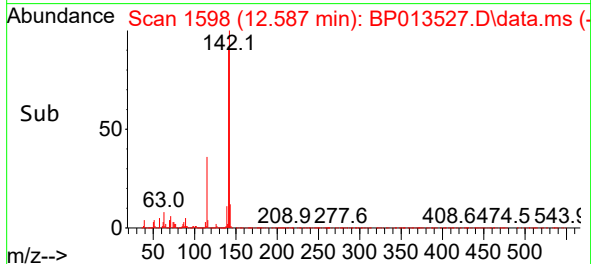
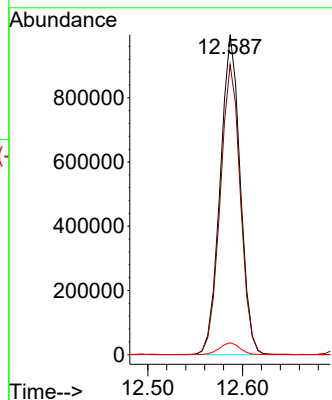
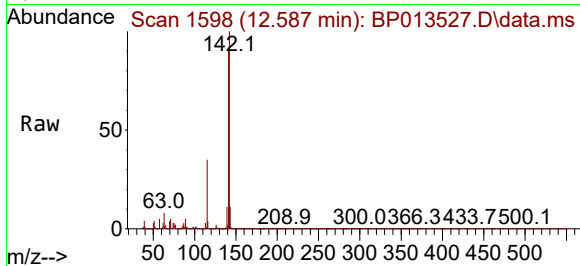




#37
1-Methylnaphthalene
Concen: 18.738 ng/ul
RT: 12.587 min Scan# 1598
Delta R.T. -0.006 min
Lab File: BP013527.D
Acq: 18 Jan 2023 18:12

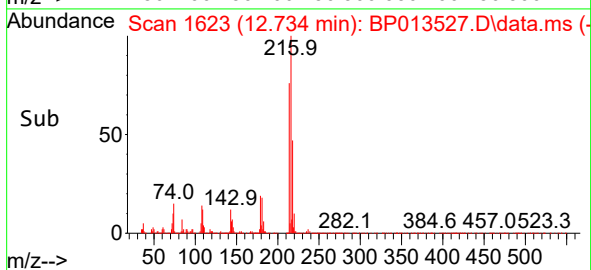
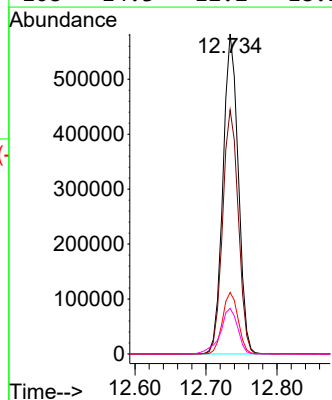
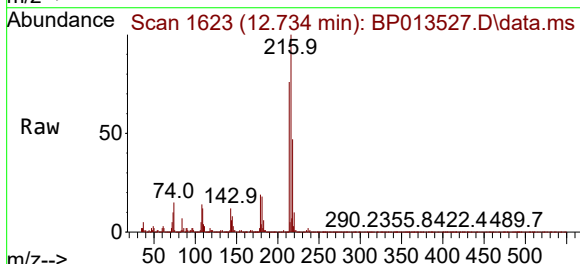
Instrument :
BNA_P
ClientSampleId :

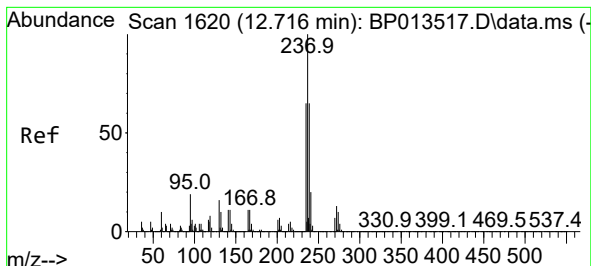
Tgt Ion:142 Resp: 1460216
Ion Ratio Lower Upper
142 100
141 90.7 74.2 111.4
116 3.7 3.0 4.4



#39
1,2,4,5-Tetrachlorobenzene
Concen: 18.856 ng/ul
RT: 12.734 min Scan# 1623
Delta R.T. -0.006 min
Lab File: BP013527.D
Acq: 18 Jan 2023 18:12

Tgt Ion:216 Resp: 868289
Ion Ratio Lower Upper
216 100
214 76.3 62.8 94.2
179 19.2 15.1 22.7
108 14.3 12.2 18.2





#40

Hexachlorocyclopentadiene

Concen: 18.122 ng/ul

RT: 12.710 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP013527.D

Acq: 18 Jan 2023 18:12

Instrument :

BNA_P

ClientSampleId :

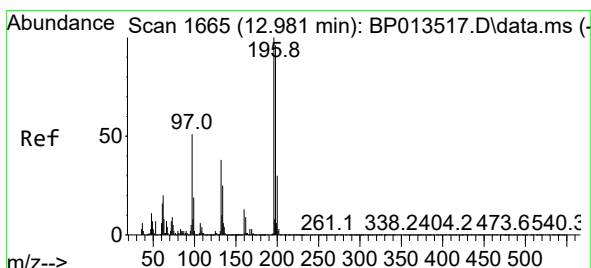
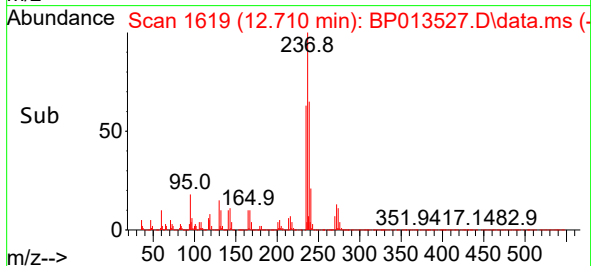
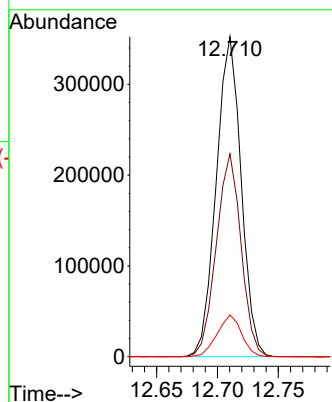
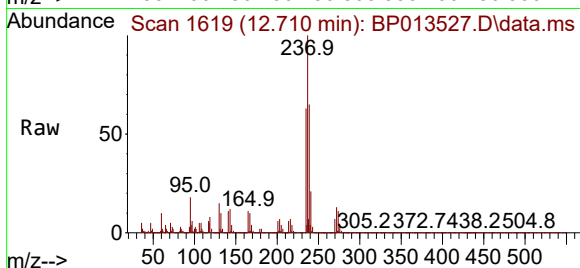
Tgt Ion:237 Resp: 502041

Ion Ratio Lower Upper

237 100

235 63.4 50.8 76.2

272 13.0 11.5 17.3



#41

2,4,6-Trichlorophenol

Concen: 19.972 ng/ul

RT: 12.975 min Scan# 1664

Delta R.T. -0.006 min

Lab File: BP013527.D

Acq: 18 Jan 2023 18:12

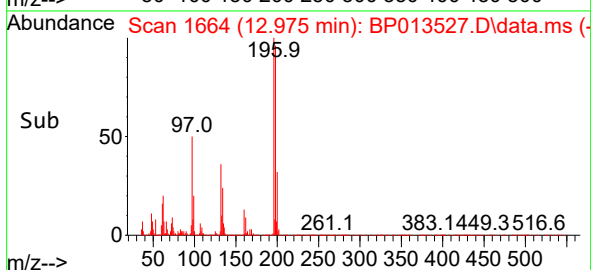
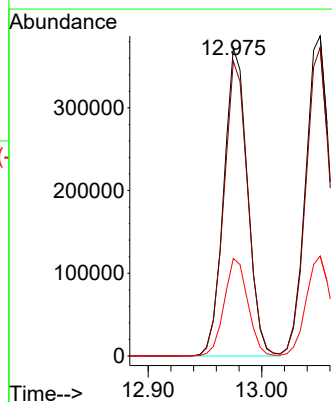
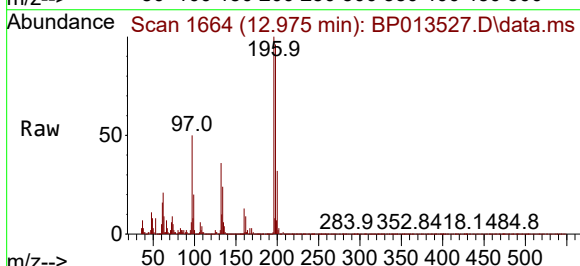
Tgt Ion:196 Resp: 541007

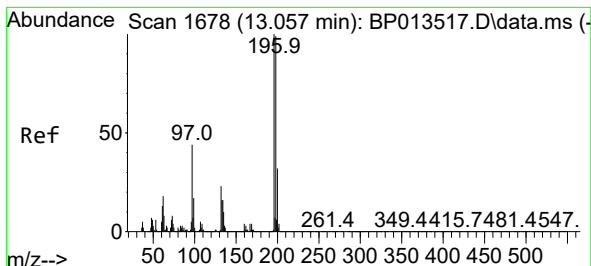
Ion Ratio Lower Upper

196 100

198 95.6 77.9 116.9

200 31.6 25.6 38.4





#42

2,4,5-Trichlorophenol

Concen: 19.688 ng/ul

RT: 13.051 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP013527.D

Acq: 18 Jan 2023 18:12

Instrument :

BNA_P

ClientSampleId :

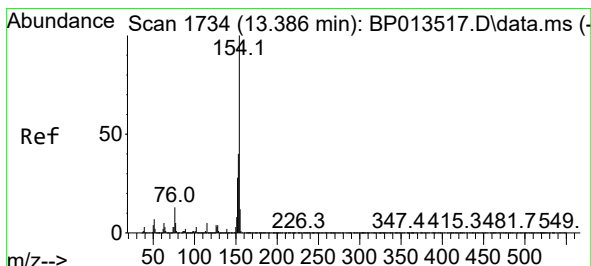
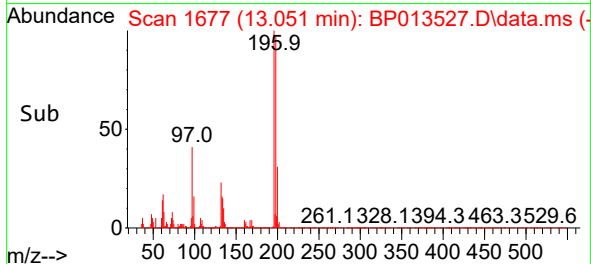
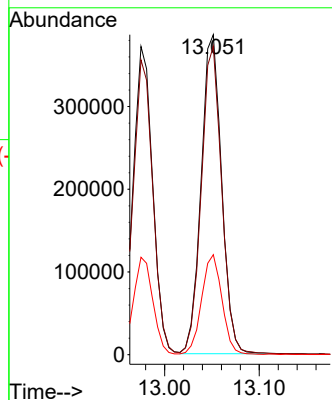
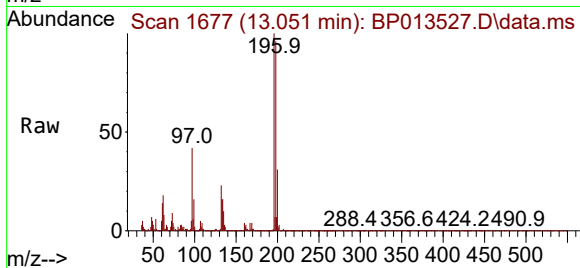
Tgt Ion:196 Resp: 580361

Ion Ratio Lower Upper

196 100

198 96.4 76.0 114.0

200 31.3 24.4 36.6



#43

1,1'-Biphenyl

Concen: 18.853 ng/ul

RT: 13.375 min Scan# 1732

Delta R.T. -0.006 min

Lab File: BP013527.D

Acq: 18 Jan 2023 18:12

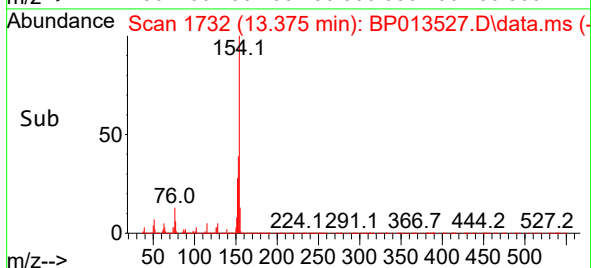
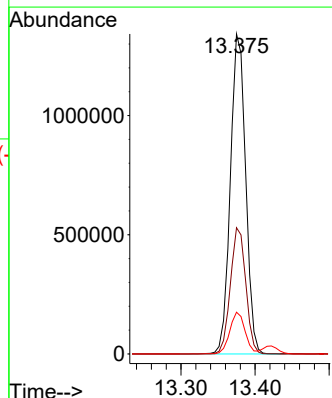
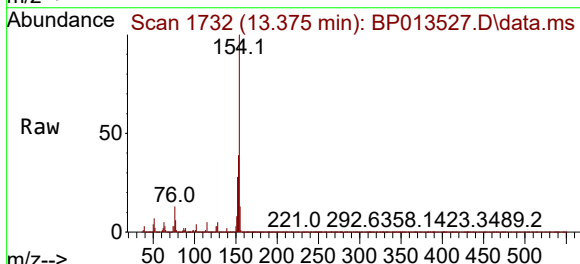
Tgt Ion:154 Resp: 1922584

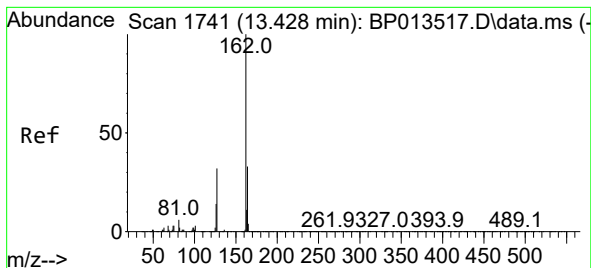
Ion Ratio Lower Upper

154 100

153 39.4 31.9 47.9

76 13.1 10.3 15.5





#44

2-Chloronaphthalene

Concen: 18.506 ng/ul

RT: 13.422 min Scan# 1741

Delta R.T. 0.000 min

Lab File: BP013527.D

Acq: 18 Jan 2023 18:12

Instrument :

BNA_P

ClientSampleId :

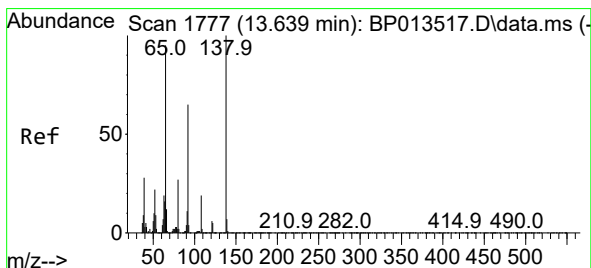
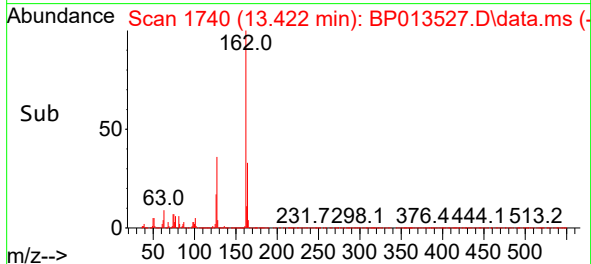
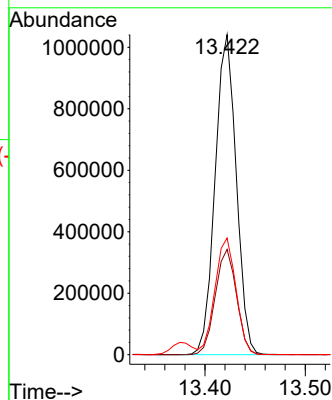
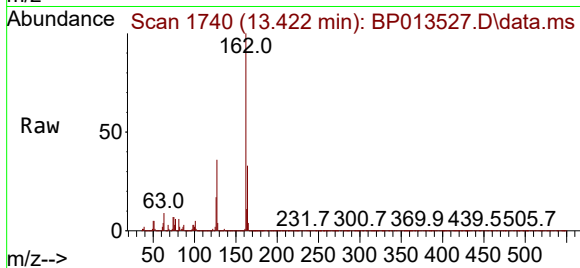
Tgt Ion:162 Resp: 1522825

Ion Ratio Lower Upper

162 100

164 32.9 26.4 39.6

127 36.4 28.9 43.3



#45

2-Nitroaniline

Concen: 20.141 ng/ul

RT: 13.628 min Scan# 1775

Delta R.T. -0.006 min

Lab File: BP013527.D

Acq: 18 Jan 2023 18:12

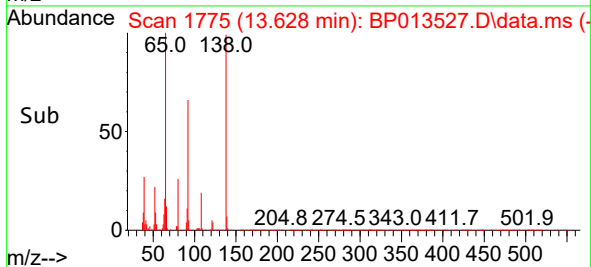
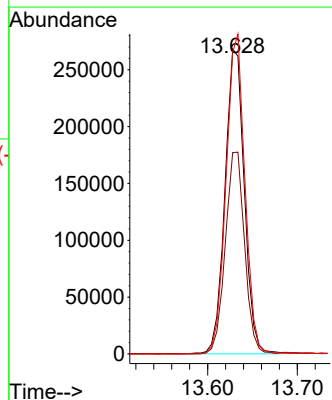
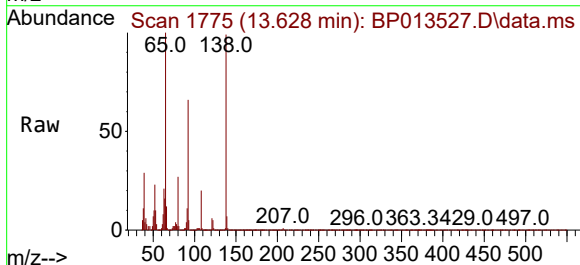
Tgt Ion: 65 Resp: 401088

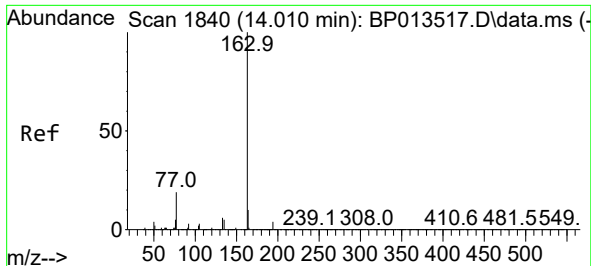
Ion Ratio Lower Upper

65 100

92 66.0 53.5 80.3

138 98.9 79.4 119.0

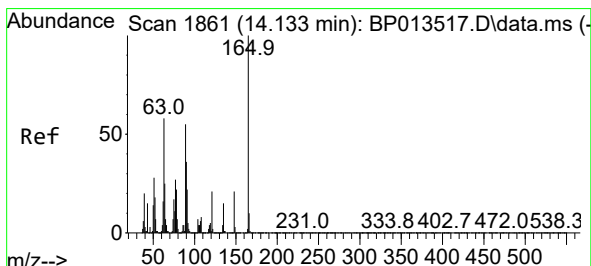
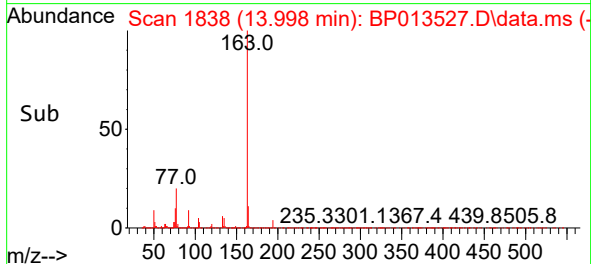
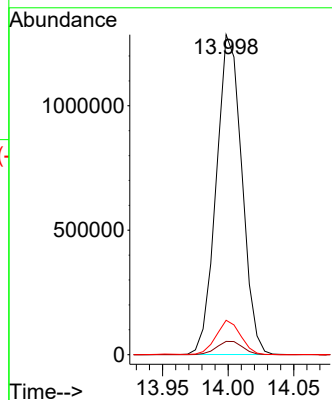
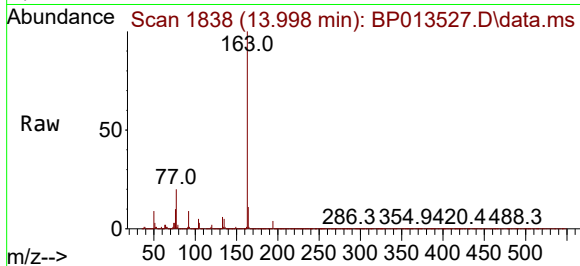




#47
Dimethylphthalate
Concen: 17.812 ng/ul
RT: 13.998 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BP013527.D
Acq: 18 Jan 2023 18:12

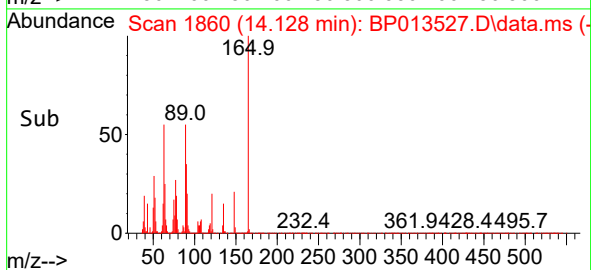
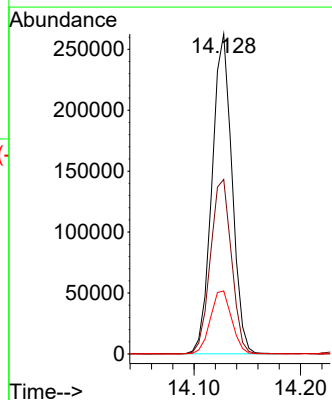
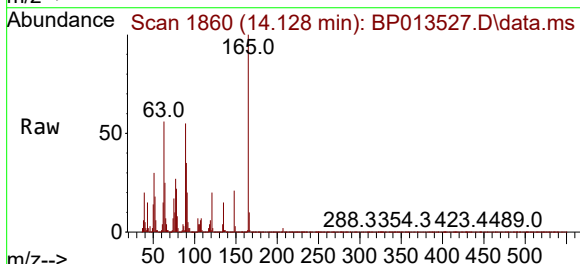
Instrument :
BNA_P
ClientSampleId :

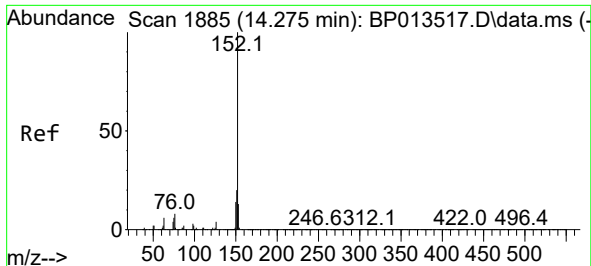
Tgt Ion:163 Resp: 1741501
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 10.8 7.8 11.8



#48
2,6-Dinitrotoluene
Concen: 20.250 ng/ul
RT: 14.128 min Scan# 1860
Delta R.T. 0.000 min
Lab File: BP013527.D
Acq: 18 Jan 2023 18:12

Tgt Ion:165 Resp: 342855
Ion Ratio Lower Upper
165 100
89 54.6 47.1 70.7
121 19.7 17.3 25.9

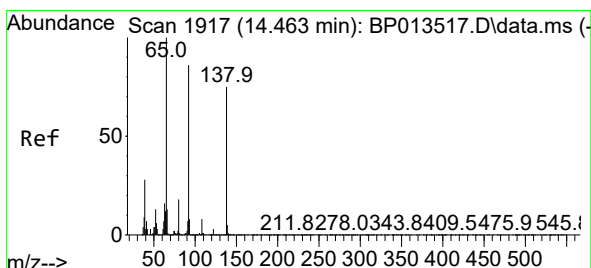
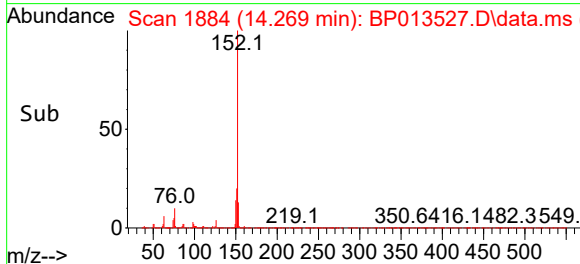
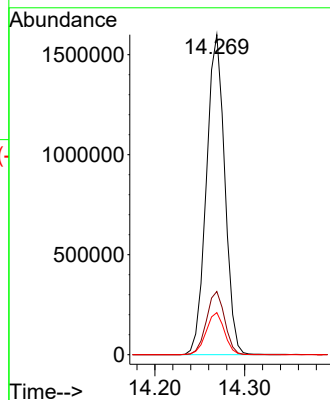
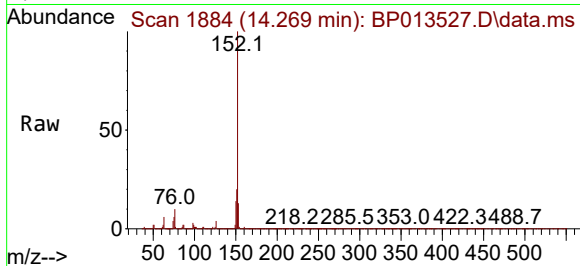




#50
Acenaphthylene
Concen: 19.044 ng/ul
RT: 14.269 min Scan# 1884
Delta R.T. 0.000 min
Lab File: BP013527.D
Acq: 18 Jan 2023 18:12

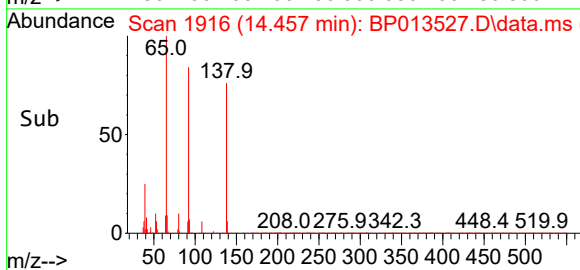
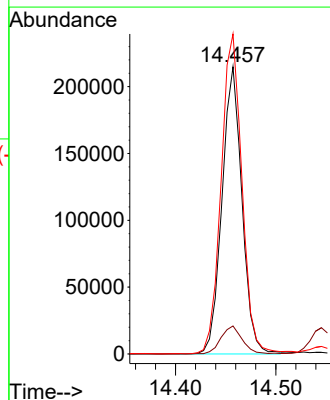
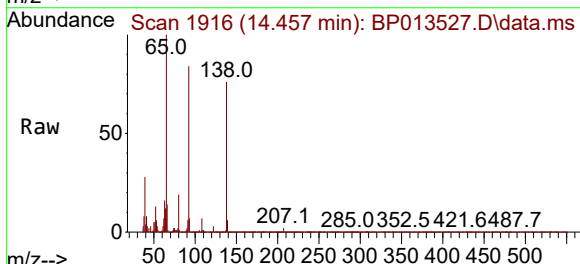
Instrument :
BNA_P
ClientSampleId :

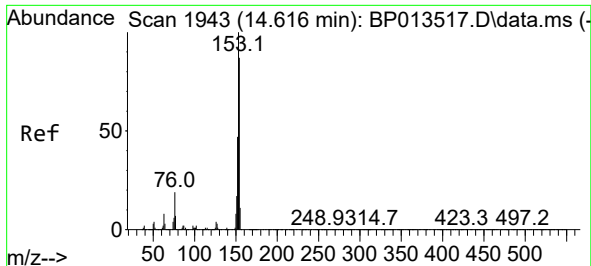
Tgt Ion:152 Resp: 2273532
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.8
153 13.1 10.3 15.5



#51
3-Nitroaniline
Concen: 16.575 ng/ul
RT: 14.457 min Scan# 1916
Delta R.T. 0.000 min
Lab File: BP013527.D
Acq: 18 Jan 2023 18:12

Tgt Ion:138 Resp: 297241
Ion Ratio Lower Upper
138 100
108 9.8 8.6 12.8
92 111.4 95.0 142.4

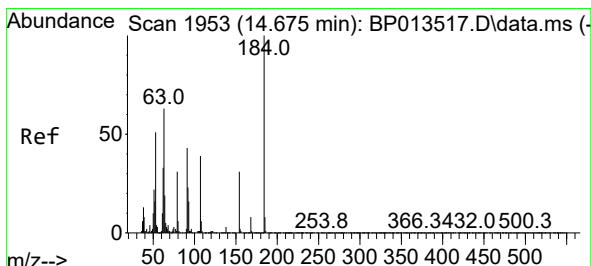
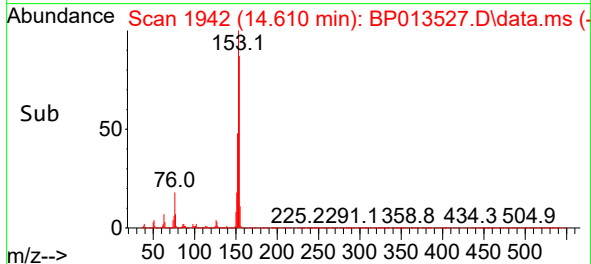
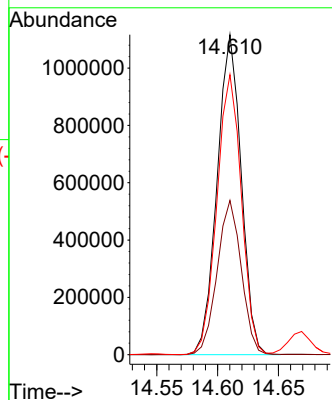
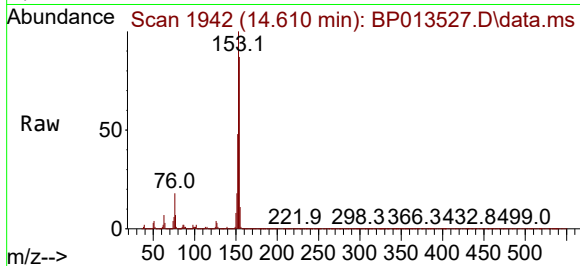




#52
Acenaphthene
Concen: 18.009 ng/ul
RT: 14.610 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BP013527.D
Acq: 18 Jan 2023 18:12

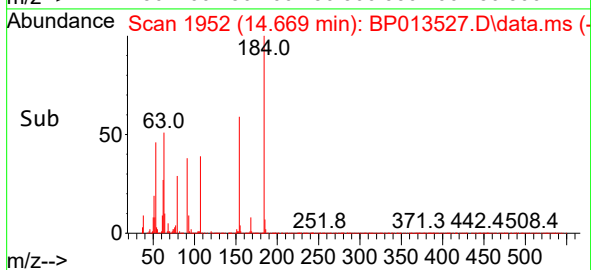
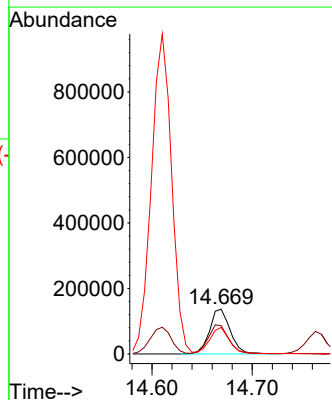
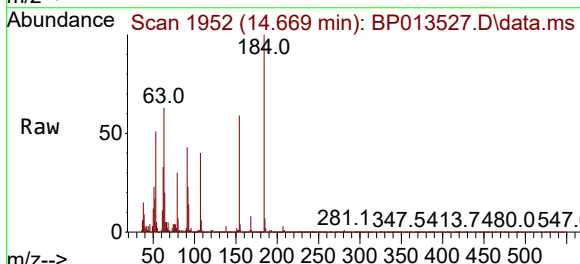
Instrument :
BNA_P
ClientSampleId :

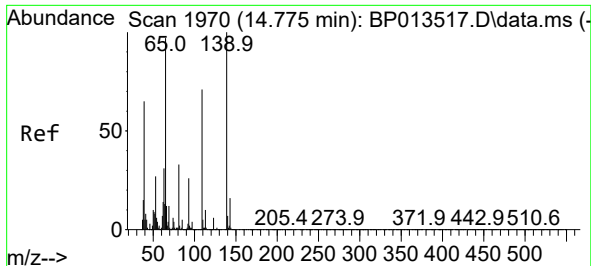
Tgt Ion:153 Resp: 1538777
Ion Ratio Lower Upper
153 100
152 48.2 38.4 57.6
154 87.5 70.6 106.0



#53
2,4-Dinitrophenol
Concen: 15.560 ng/ul
RT: 14.669 min Scan# 1952
Delta R.T. 0.000 min
Lab File: BP013527.D
Acq: 18 Jan 2023 18:12

Tgt Ion:184 Resp: 196094
Ion Ratio Lower Upper
184 100
63 63.1 54.3 81.5
154 59.3 49.1 73.7

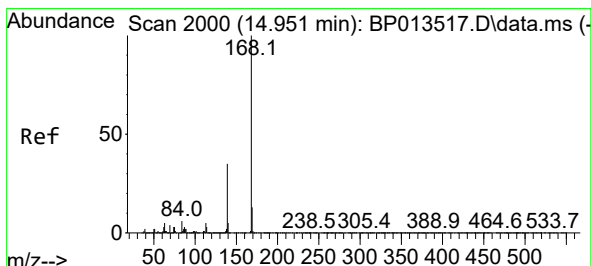
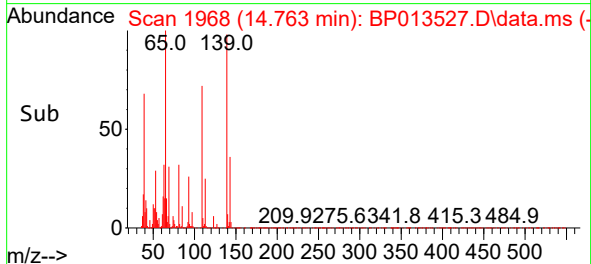
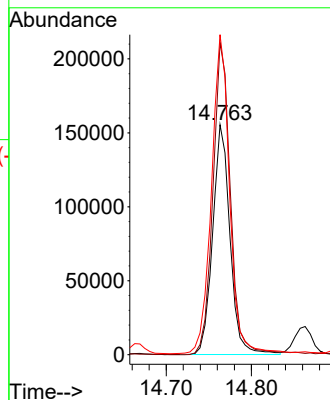
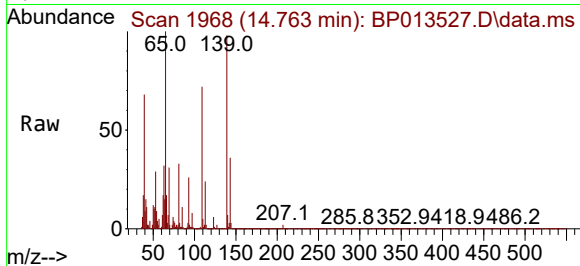




#55
4-Nitrophenol
Concen: 16.164 ng/ul
RT: 14.763 min Scan# 1970
Delta R.T. -0.006 min
Lab File: BP013527.D
Acq: 18 Jan 2023 18:12

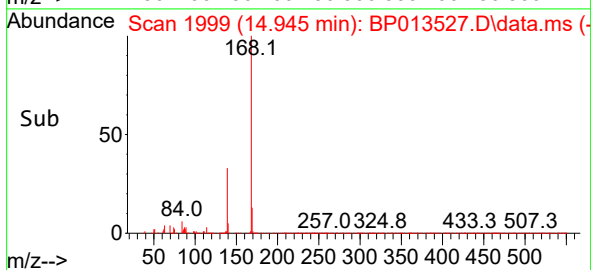
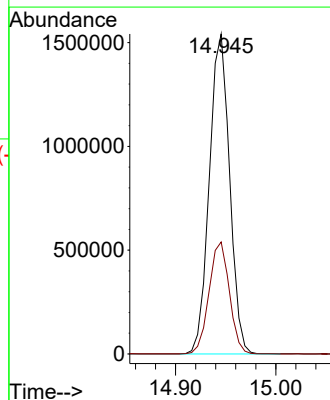
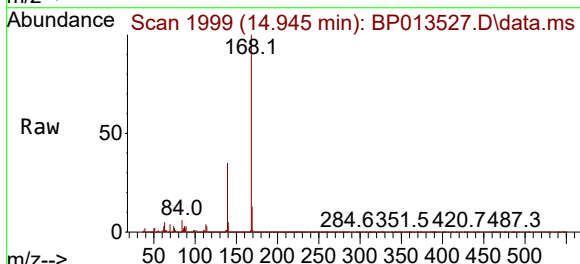
Instrument :
BNA_P
ClientSampleId :

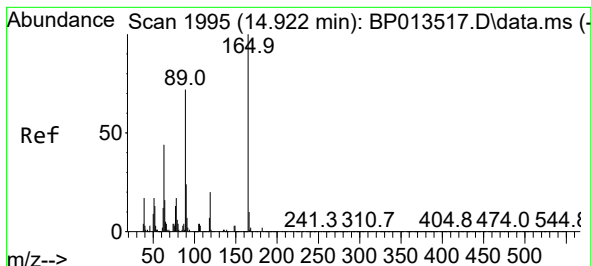
Tgt Ion:109 Resp: 220069
Ion Ratio Lower Upper
109 100
139 135.8 109.2 163.8
65 139.2 116.6 174.8



#56
Dibenzofuran
Concen: 17.646 ng/ul
RT: 14.945 min Scan# 1999
Delta R.T. 0.000 min
Lab File: BP013527.D
Acq: 18 Jan 2023 18:12

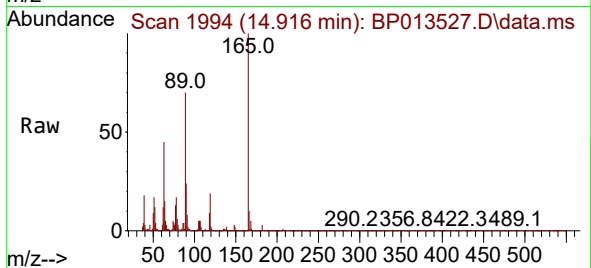
Tgt Ion:168 Resp: 2165535
Ion Ratio Lower Upper
168 100
139 35.0 27.4 41.2



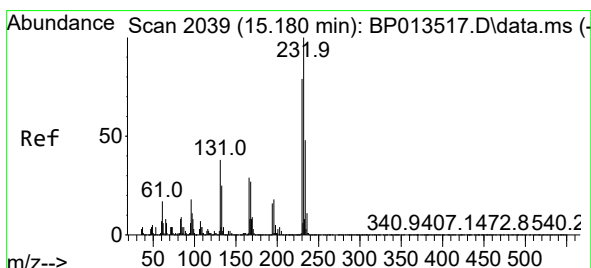
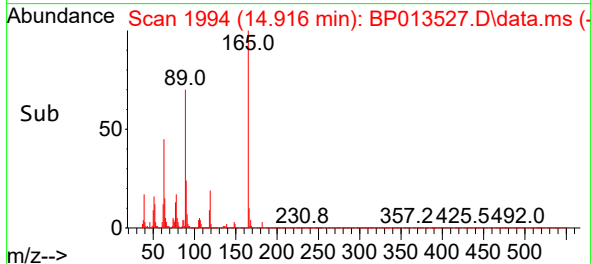
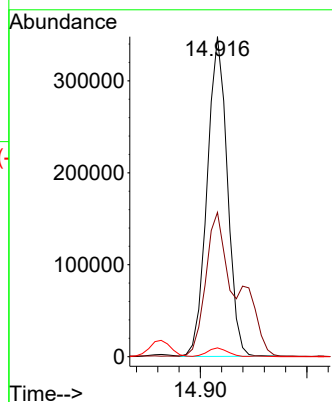


#57
2,4-Dinitrotoluene
Concen: 18.273 ng/ul
RT: 14.916 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BP013527.D
Acq: 18 Jan 2023 18:12

Instrument :
BNA_P
ClientSampleId :

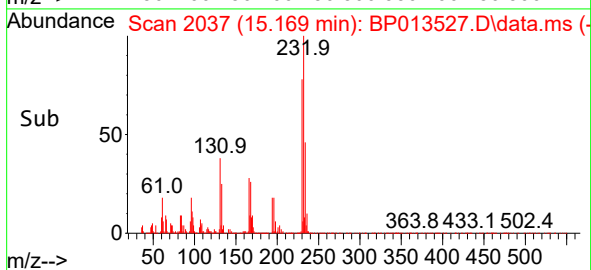
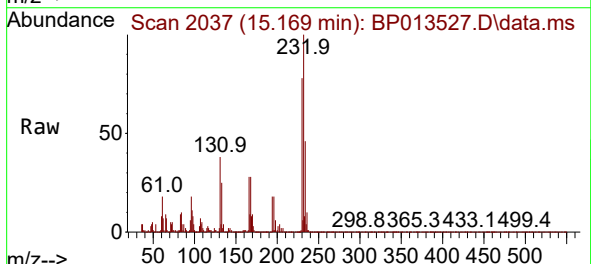
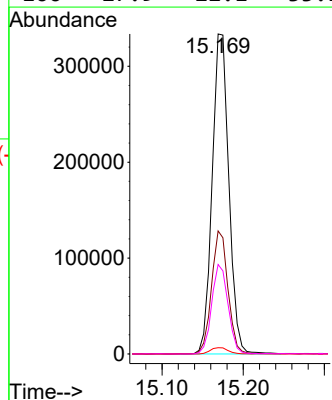


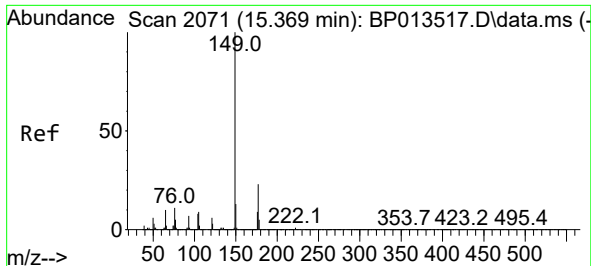
Tgt Ion:165 Resp: 459876
Ion Ratio Lower Upper
165 100
63 45.1 37.3 55.9
182 2.7 2.0 3.0



#58
2,3,4,6-Tetrachlorophenol
Concen: 18.509 ng/ul
RT: 15.169 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BP013527.D
Acq: 18 Jan 2023 18:12

Tgt Ion:232 Resp: 475978
Ion Ratio Lower Upper
232 100
131 38.5 30.7 46.1
130 1.9 1.7 2.5
166 27.9 22.1 33.1

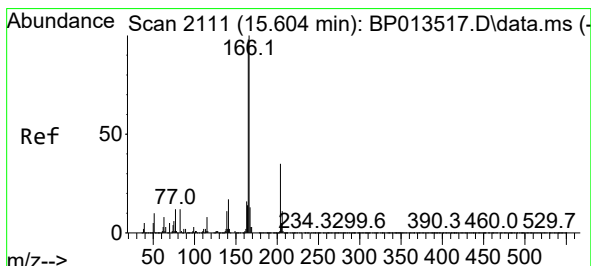
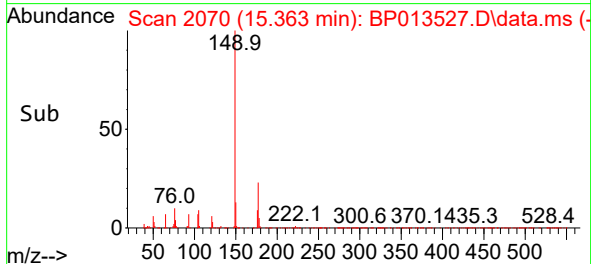
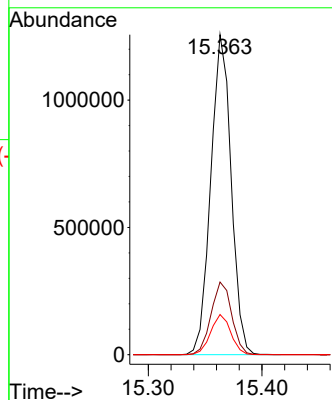
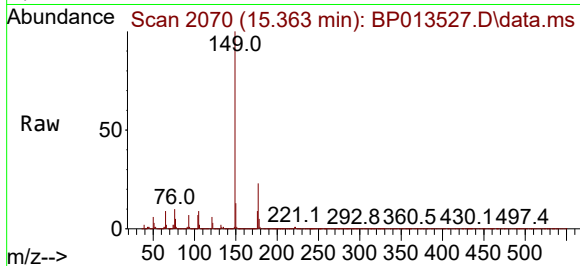




#59
Diethylphthalate
Concen: 17.091 ng/ul
RT: 15.363 min Scan# 2071
Delta R.T. -0.006 min
Lab File: BP013527.D
Acq: 18 Jan 2023 18:12

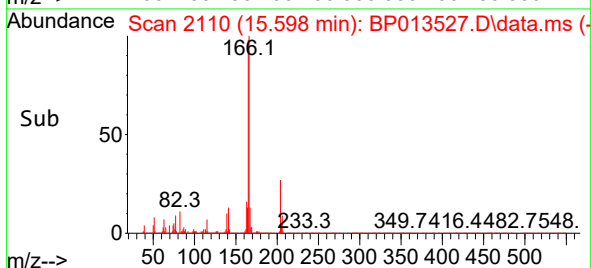
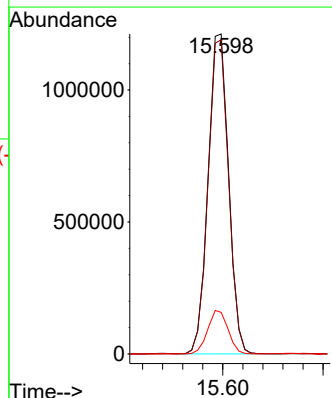
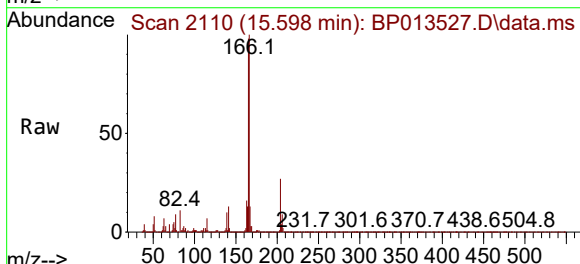
Instrument :
BNA_P
ClientSampleId :

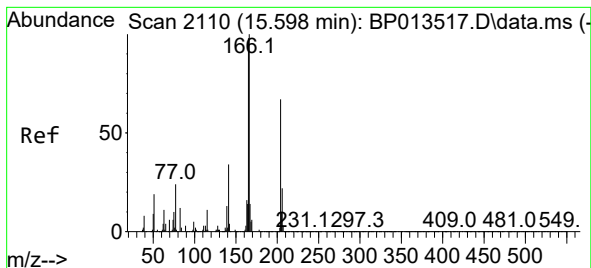
Tgt Ion:149 Resp: 1564040
Ion Ratio Lower Upper
149 100
177 22.7 18.9 28.3
150 12.6 9.9 14.9



#61
Fluorene
Concen: 17.565 ng/ul
RT: 15.598 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BP013527.D
Acq: 18 Jan 2023 18:12

Tgt Ion:166 Resp: 1720592
Ion Ratio Lower Upper
166 100
165 98.2 78.0 117.0
167 13.0 10.8 16.2

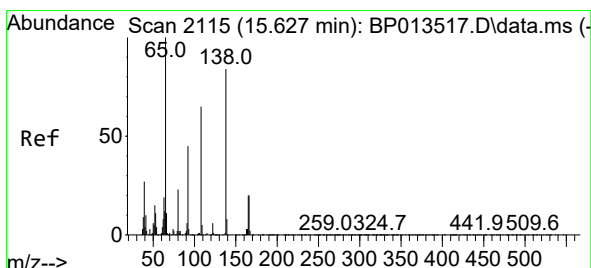
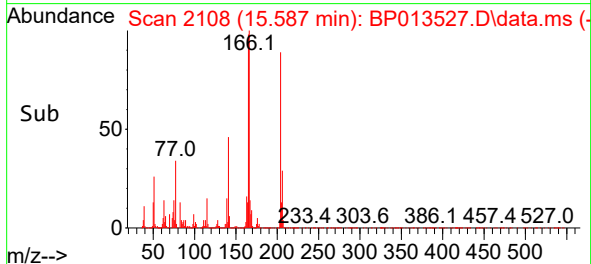
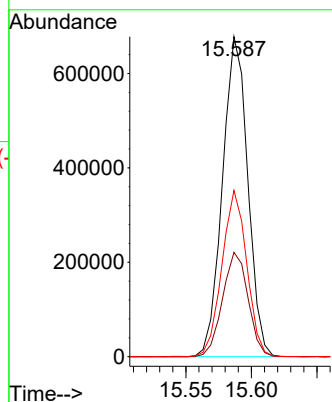
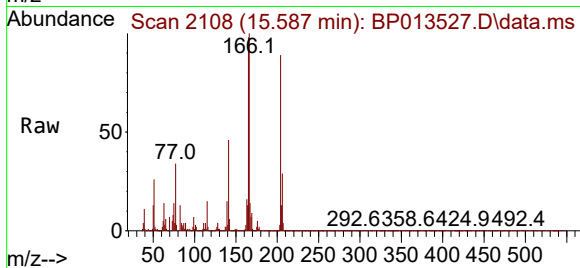




#62
4-Chlorophenyl-phenylether
Concen: 17.764 ng/ul
RT: 15.587 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BP013527.D
Acq: 18 Jan 2023 18:12

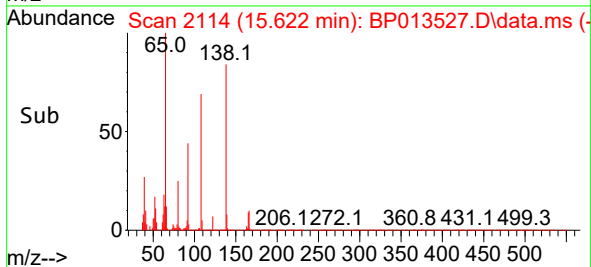
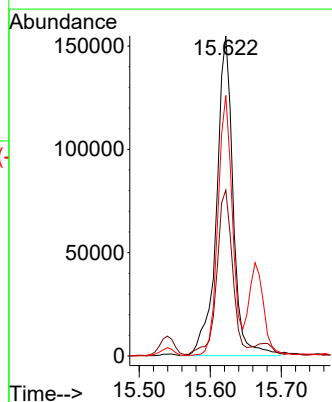
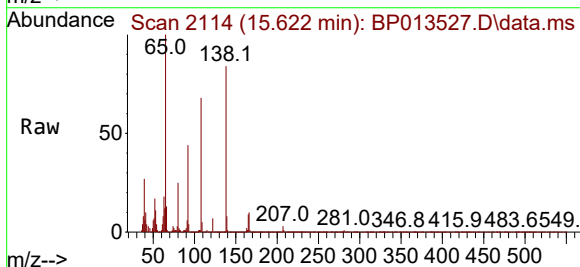
Instrument :
BNA_P
ClientSampleId :

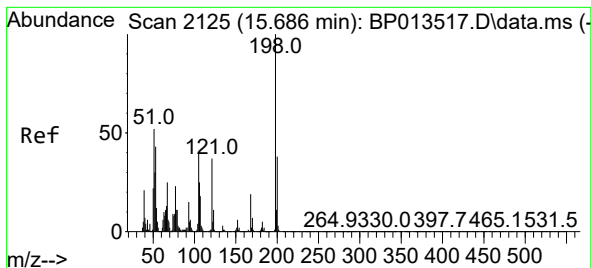
Tgt Ion:204 Resp: 908717
Ion Ratio Lower Upper
204 100
206 32.6 26.2 39.2
141 51.9 39.3 58.9



#63
4-Nitroaniline
Concen: 15.100 ng/ul
RT: 15.622 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BP013527.D
Acq: 18 Jan 2023 18:12

Tgt Ion:138 Resp: 250358
Ion Ratio Lower Upper
138 100
92 51.9 43.1 64.7
108 81.4 63.6 95.4

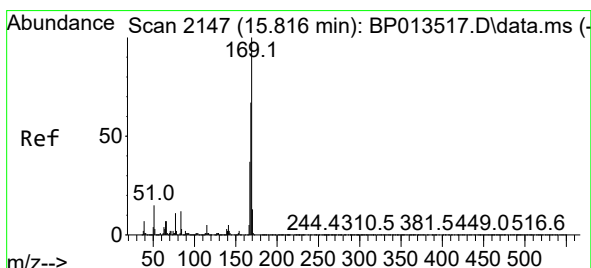
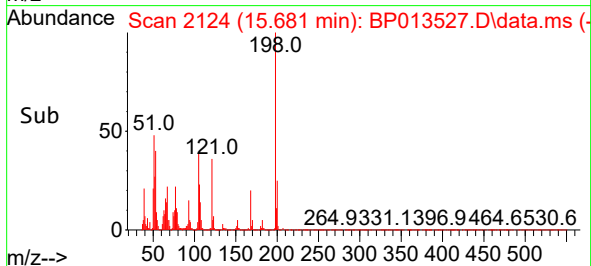
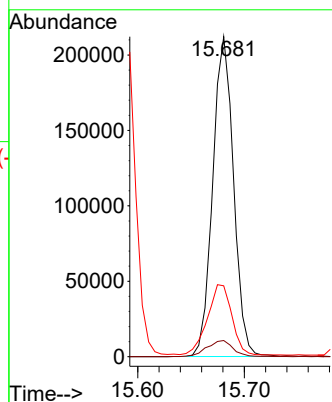
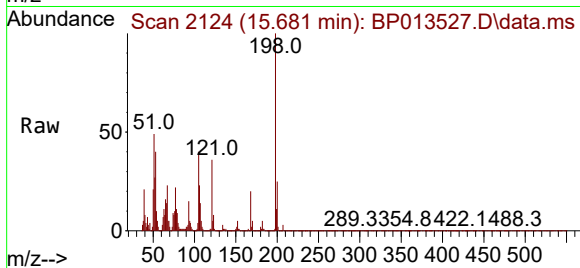




#66
4,6-Dinitro-2-methylphenol
Concen: 17.916 ng/ul
RT: 15.681 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BP013527.D
Acq: 18 Jan 2023 18:12

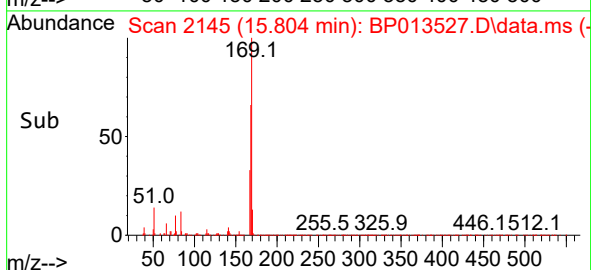
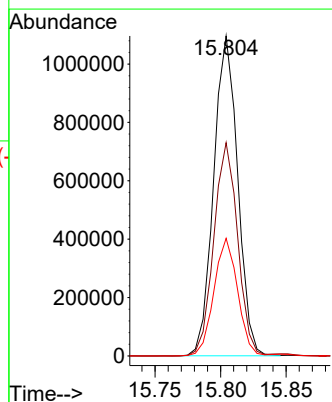
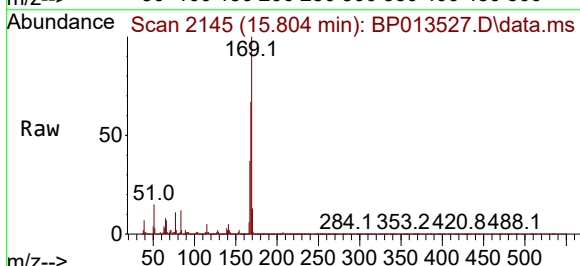
Instrument :
BNA_P
ClientSampleId :

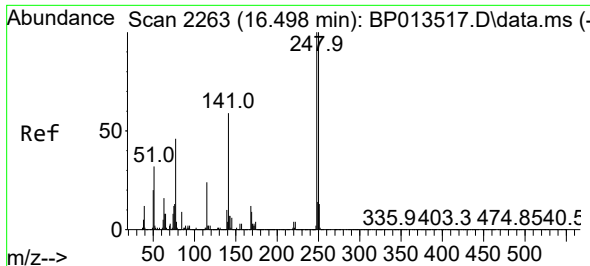
Tgt Ion:198 Resp: 288237
Ion Ratio Lower Upper
198 100
182 5.1 4.8 7.2
77 22.2 18.9 28.3



#67
N-Nitrosodiphenylamine
Concen: 20.078 ng/ul
RT: 15.804 min Scan# 2145
Delta R.T. -0.006 min
Lab File: BP013527.D
Acq: 18 Jan 2023 18:12

Tgt Ion:169 Resp: 1395805
Ion Ratio Lower Upper
169 100
168 66.7 52.9 79.3
167 36.8 29.3 43.9

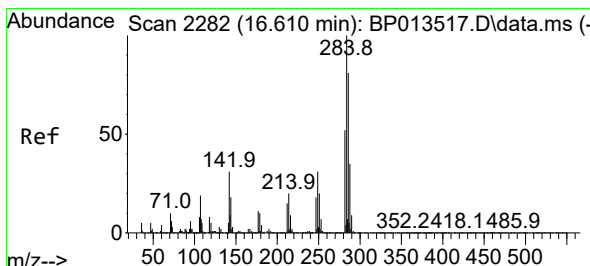
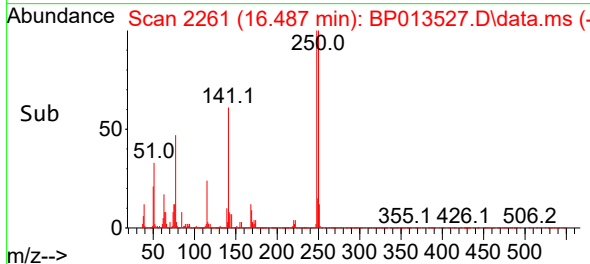
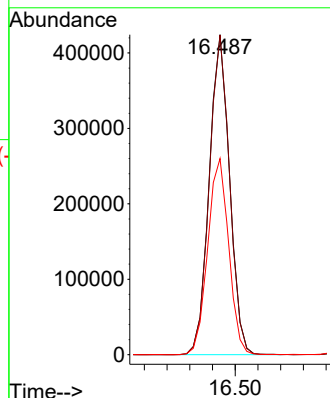
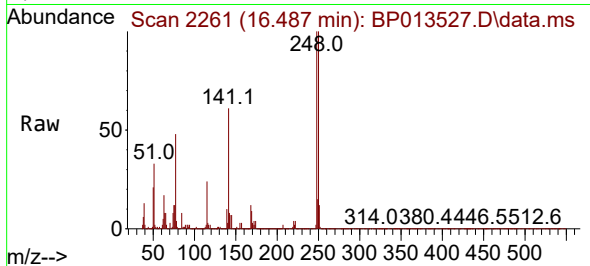




#68
4-Bromophenyl-phenylether
Concen: 19.824 ng/ul
RT: 16.487 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP013527.D
Acq: 18 Jan 2023 18:12

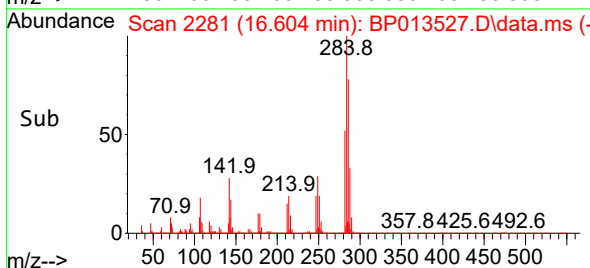
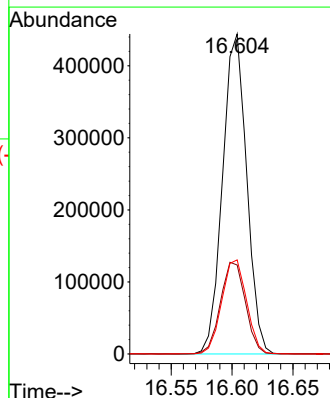
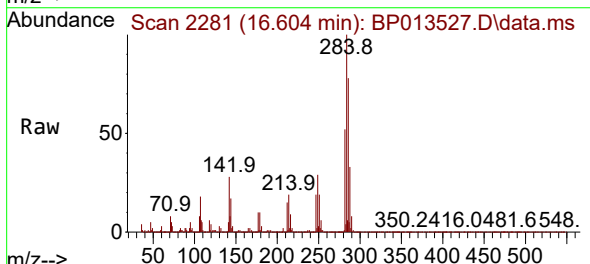
Instrument :
BNA_P
ClientSampleId :

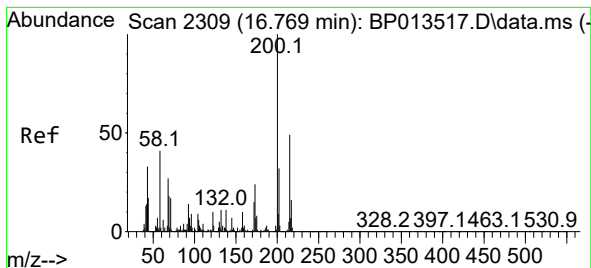
Tgt Ion:248 Resp: 527827
Ion Ratio Lower Upper
248 100
250 99.9 78.5 117.7
141 61.3 53.0 79.4



#69
Hexachlorobenzene
Concen: 19.064 ng/ul
RT: 16.604 min Scan# 2281
Delta R.T. -0.006 min
Lab File: BP013527.D
Acq: 18 Jan 2023 18:12

Tgt Ion:284 Resp: 612012
Ion Ratio Lower Upper
284 100
142 27.8 24.8 37.2
249 29.4 24.1 36.1





#70

Atrazine

Concen: 17.584 ng/ul

RT: 16.763 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP013527.D

Acq: 18 Jan 2023 18:12

Instrument :

BNA_P

ClientSampleId :

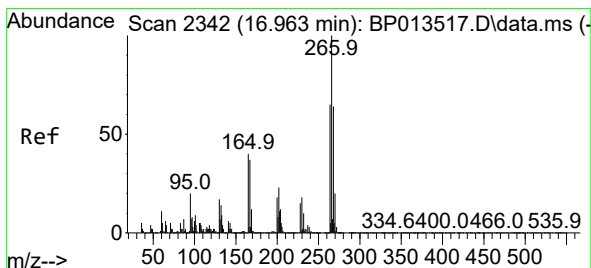
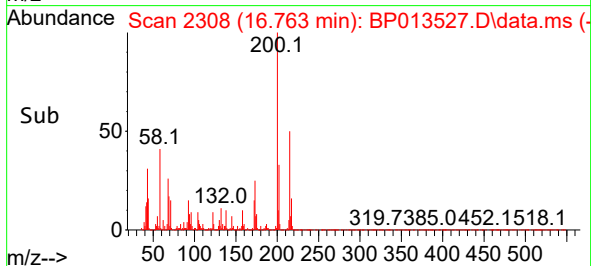
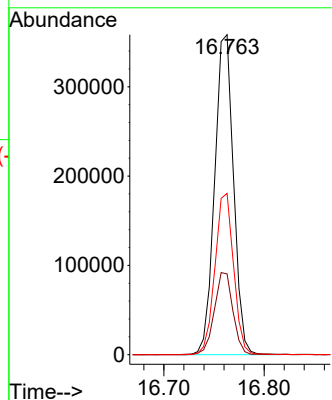
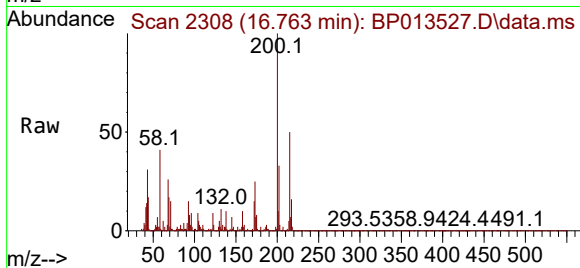
Tgt Ion:200 Resp: 467320

Ion Ratio Lower Upper

200 100

173 25.2 19.2 28.8

215 50.4 39.0 58.4



#71

Pentachlorophenol

Concen: 17.278 ng/ul

RT: 16.951 min Scan# 2340

Delta R.T. -0.006 min

Lab File: BP013527.D

Acq: 18 Jan 2023 18:12

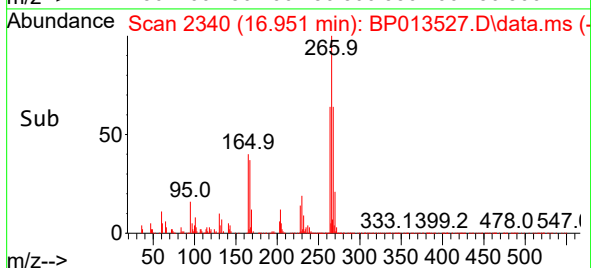
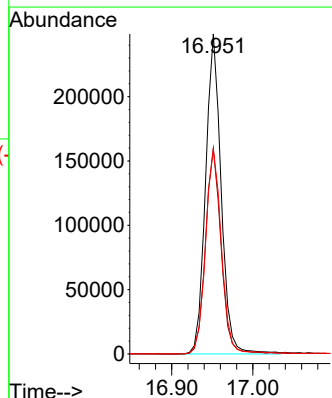
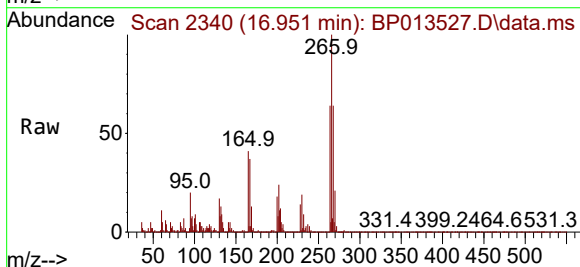
Tgt Ion:266 Resp: 330173

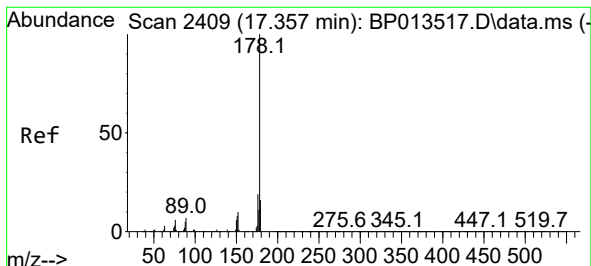
Ion Ratio Lower Upper

266 100

264 64.2 49.7 74.5

268 64.0 49.4 74.0





#72

Phenanthrene

Concen: 17.777 ng/ul

RT: 17.345 min Scan# 2409

Delta R.T. -0.006 min

Lab File: BP013527.D

Acq: 18 Jan 2023 18:12

Instrument :

BNA_P

ClientSampleId :

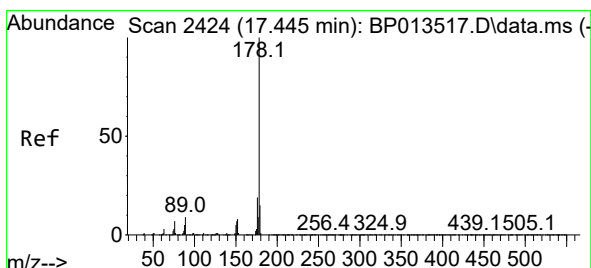
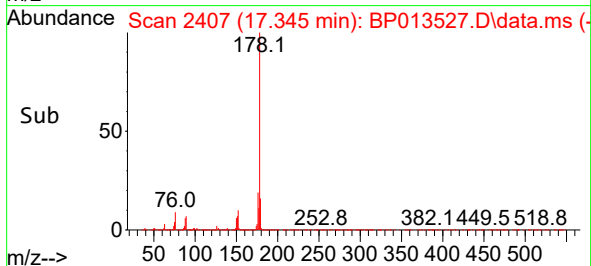
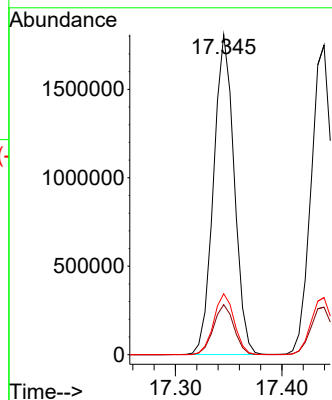
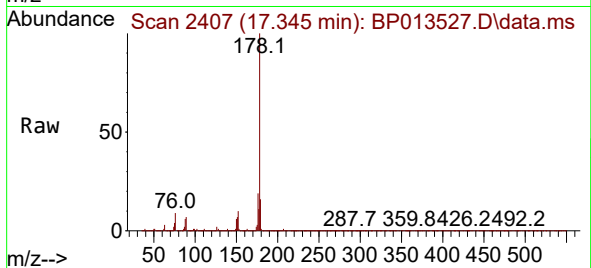
Tgt Ion:178 Resp: 2429388

Ion Ratio Lower Upper

178 100

179 15.7 12.1 18.1

176 19.0 15.4 23.0



#74

Anthracene

Concen: 18.191 ng/ul

RT: 17.439 min Scan# 2423

Delta R.T. -0.006 min

Lab File: BP013527.D

Acq: 18 Jan 2023 18:12

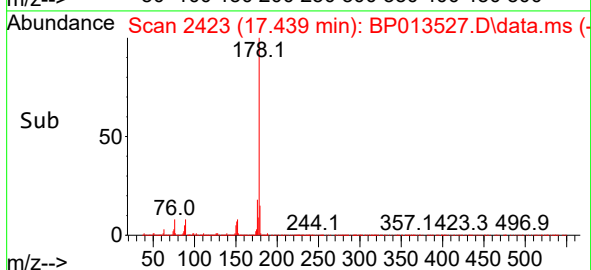
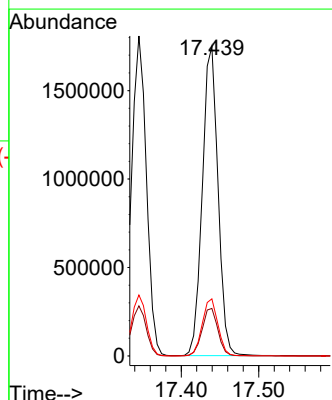
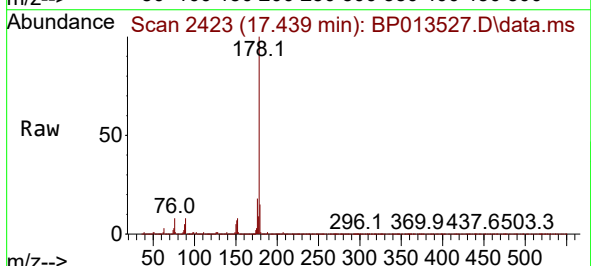
Tgt Ion:178 Resp: 2455559

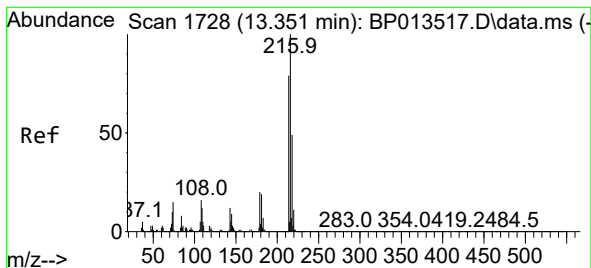
Ion Ratio Lower Upper

178 100

179 15.4 12.5 18.7

176 18.5 14.7 22.1





#75

1,2,3,4-Tetrachlorobenzene

Concen: 21.782 ng/uL

RT: 13.346 min Scan# 1727

Delta R.T. 0.000 min

Lab File: BP013527.D

Acq: 18 Jan 2023 18:12

Instrument :

BNA_P

ClientSampleId :

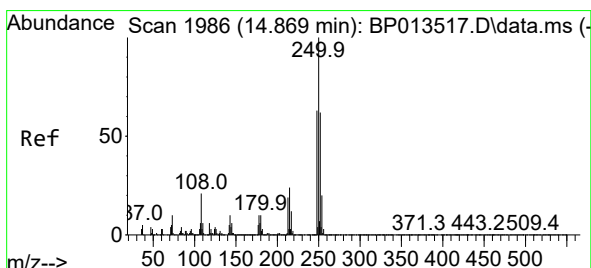
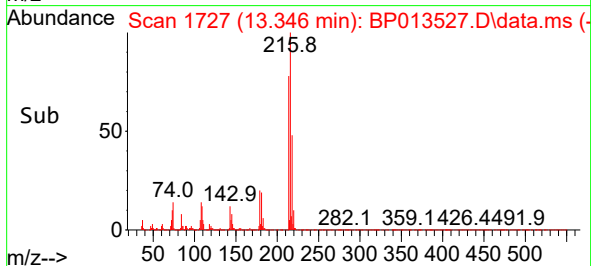
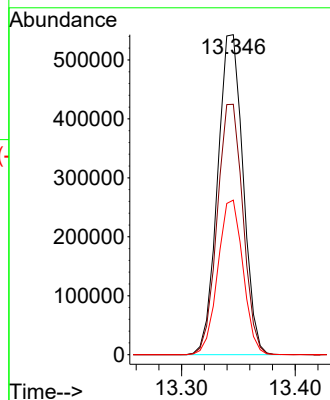
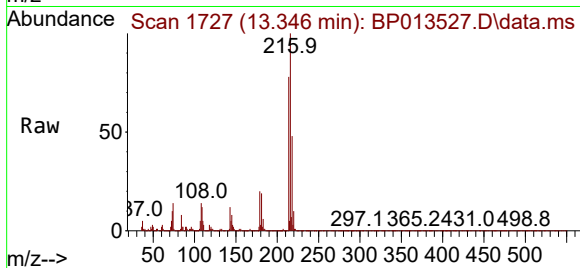
Tgt Ion:216 Resp: 845525

Ion Ratio Lower Upper

216 100

214 78.3 61.7 92.5

218 48.3 38.1 57.1



#76

Pentachlorobenzene

Concen: 20.958 ng/uL

RT: 14.863 min Scan# 1985

Delta R.T. 0.000 min

Lab File: BP013527.D

Acq: 18 Jan 2023 18:12

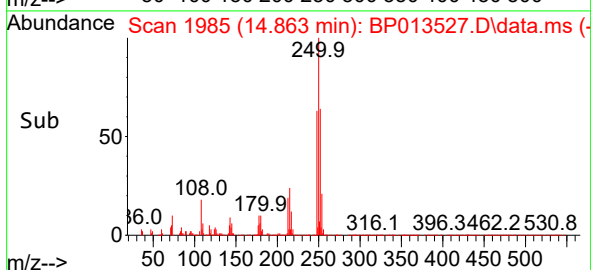
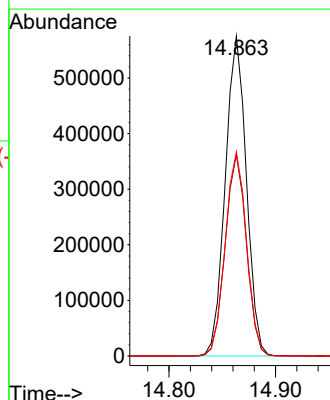
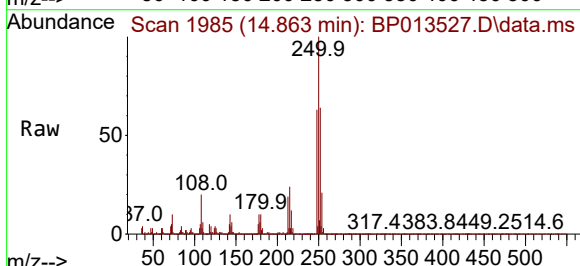
Tgt Ion:250 Resp: 792092

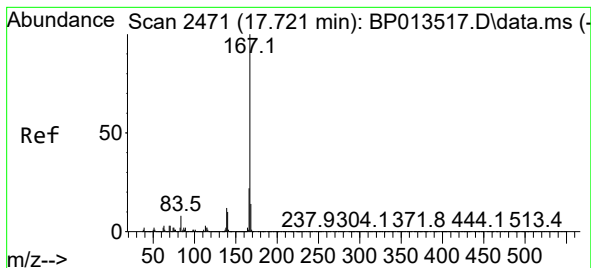
Ion Ratio Lower Upper

250 100

248 62.8 50.0 75.0

252 63.8 51.1 76.7





#77

Carbazole

Concen: 17.240 ng/ul

RT: 17.710 min Scan# 2471

Delta R.T. -0.006 min

Lab File: BP013527.D

Acq: 18 Jan 2023 18:12

Instrument :

BNA_P

ClientSampleId :

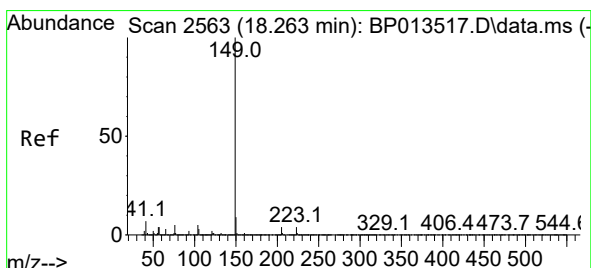
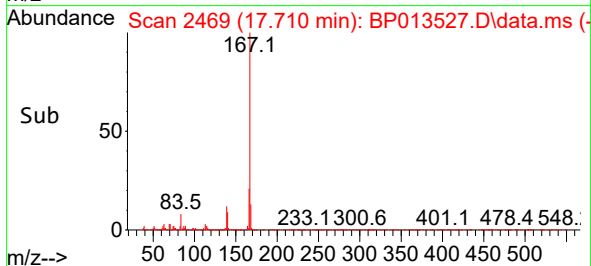
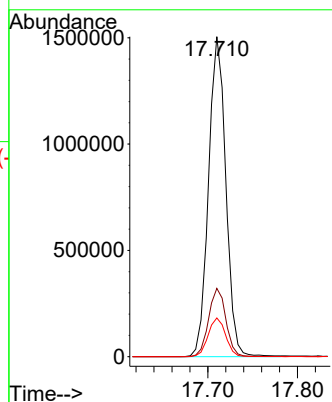
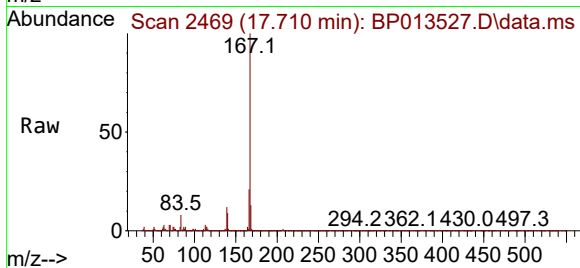
Tgt Ion:167 Resp: 2015682

Ion Ratio Lower Upper

167 100

166 21.3 17.5 26.3

139 12.1 9.8 14.6



#78

Di-n-butylphthalate

Concen: 18.005 ng/ul

RT: 18.251 min Scan# 2561

Delta R.T. -0.006 min

Lab File: BP013527.D

Acq: 18 Jan 2023 18:12

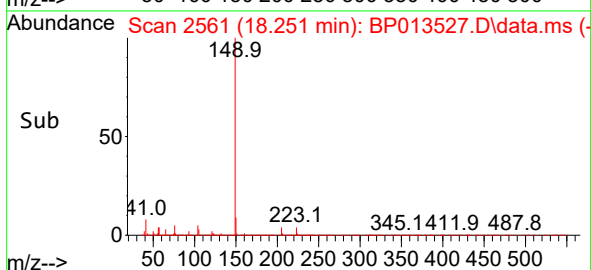
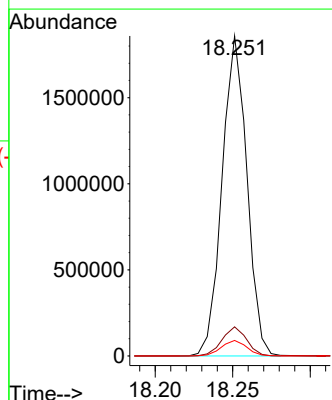
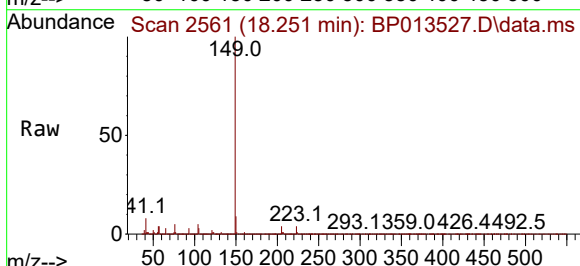
Tgt Ion:149 Resp: 2064571

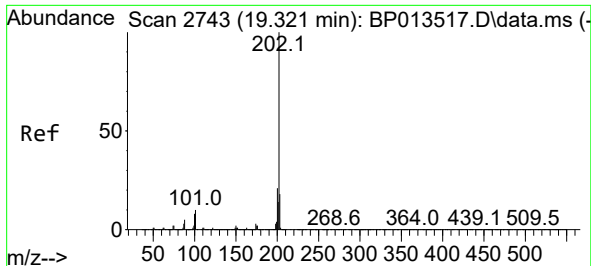
Ion Ratio Lower Upper

149 100

150 9.1 7.1 10.7

104 4.9 4.3 6.5

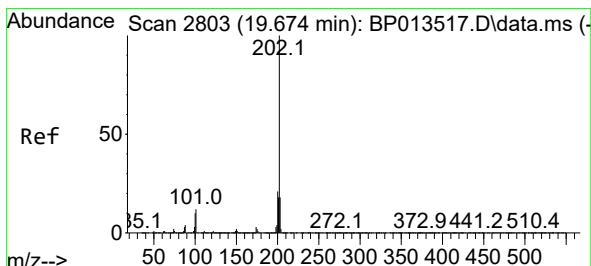
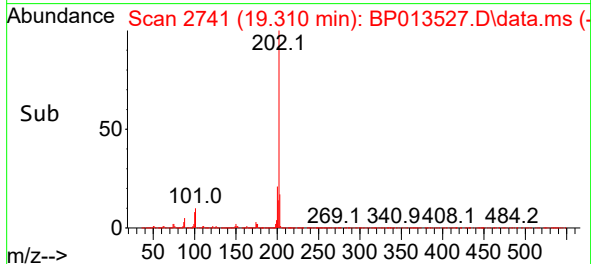
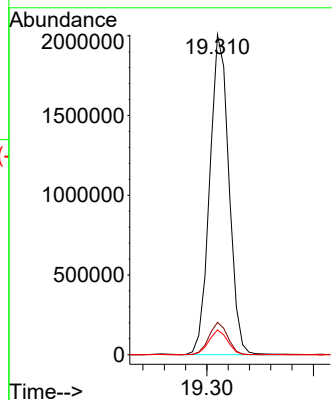
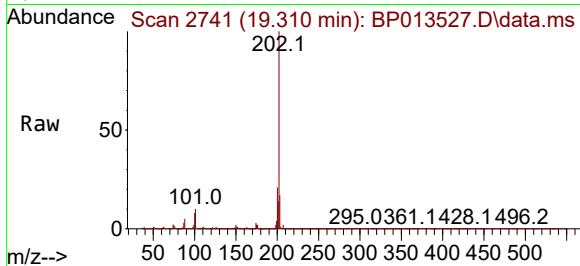




#80
Fluoranthene
Concen: 20.520 ng/ul
RT: 19.310 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP013527.D
Acq: 18 Jan 2023 18:12

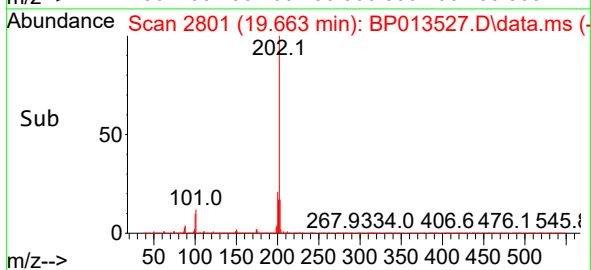
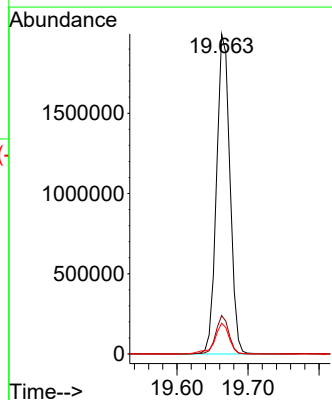
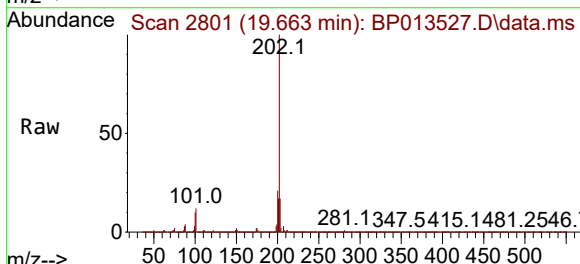
Instrument :
BNA_P
ClientSampleId :

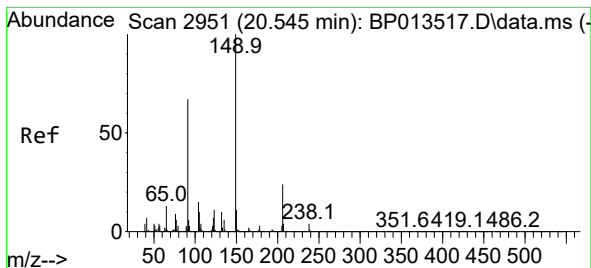
Tgt Ion:202 Resp: 2511352
Ion Ratio Lower Upper
202 100
101 10.1 8.3 12.5
100 7.8 6.8 10.2



#82
Pyrene
Concen: 20.082 ng/ul
RT: 19.663 min Scan# 2801
Delta R.T. -0.012 min
Lab File: BP013527.D
Acq: 18 Jan 2023 18:12

Tgt Ion:202 Resp: 2604176
Ion Ratio Lower Upper
202 100
101 12.0 8.8 13.2
100 9.6 7.4 11.2





#83

Butylbenzylphthalate

Concen: 19.397 ng/ul

RT: 20.533 min Scan# 2949

Delta R.T. -0.006 min

Lab File: BP013527.D

Acq: 18 Jan 2023 18:12

Instrument :

BNA_P

ClientSampleId :

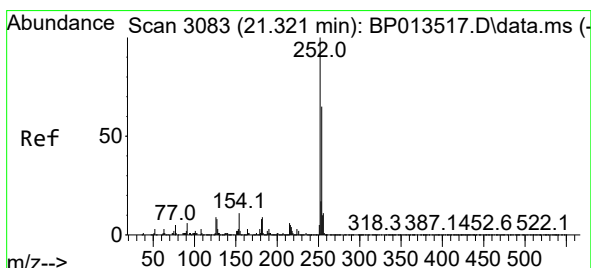
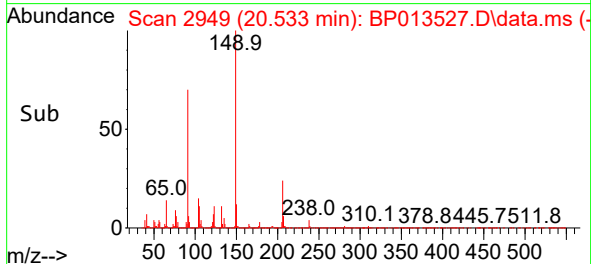
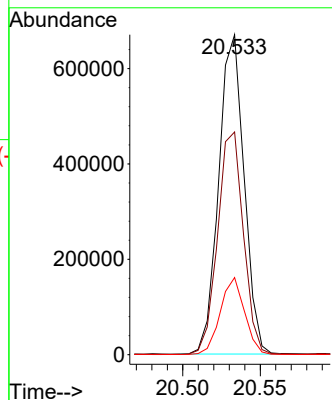
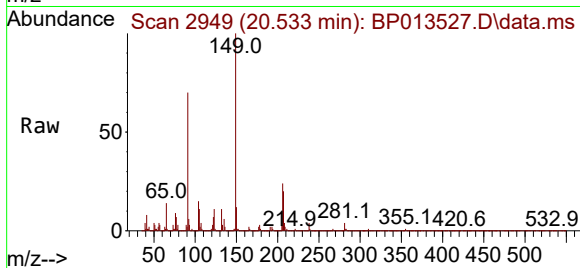
Tgt Ion:149 Resp: 763278

Ion Ratio Lower Upper

149 100

91 69.6 55.8 83.6

206 24.1 18.5 27.7



#84

3,3'-Dichlorobenzidine

Concen: 21.690 ng/ul

RT: 21.304 min Scan# 3080

Delta R.T. -0.012 min

Lab File: BP013527.D

Acq: 18 Jan 2023 18:12

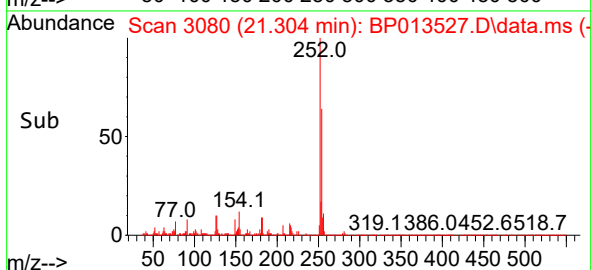
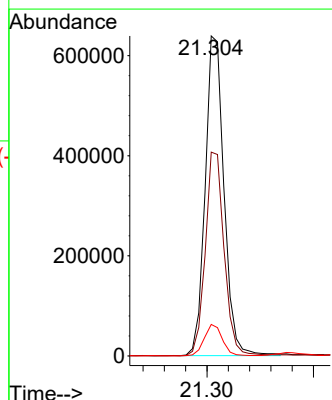
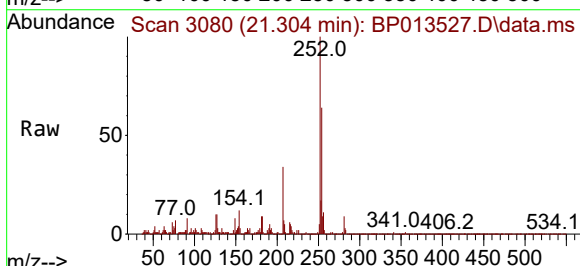
Tgt Ion:252 Resp: 785596

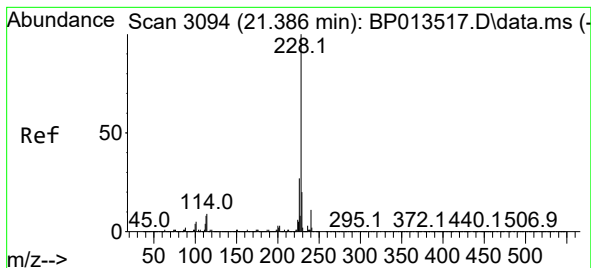
Ion Ratio Lower Upper

252 100

254 63.7 51.0 76.4

126 9.8 7.0 10.4





#85

Benzo(a)anthracene

Concen: 18.414 ng/ul

RT: 21.375 min Scan# 3092

Delta R.T. -0.012 min

Lab File: BP013527.D

Acq: 18 Jan 2023 18:12

Instrument :

BNA_P

ClientSampleId :

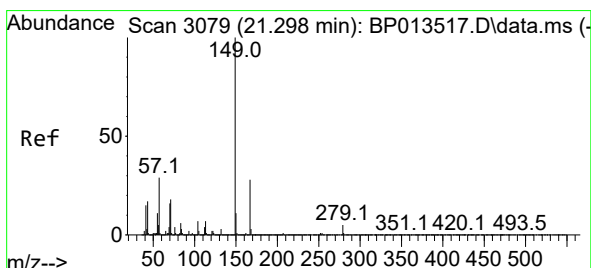
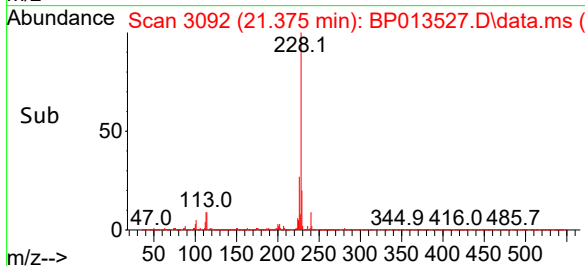
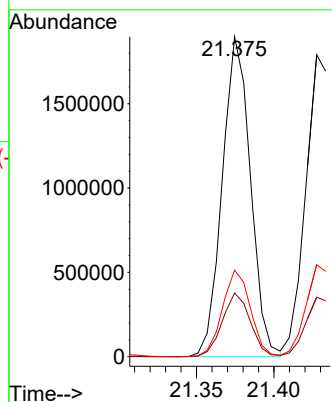
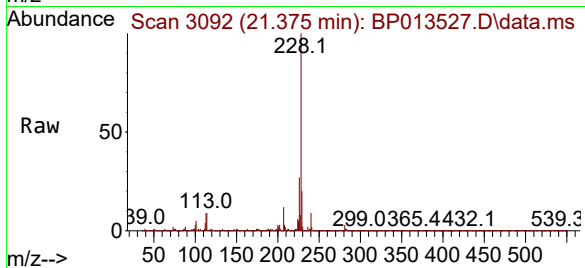
Tgt Ion:228 Resp: 2396674

Ion Ratio Lower Upper

228 100

229 19.9 15.9 23.9

226 27.1 21.2 31.8



#86

Bis(2-ethylhexyl)phthalate

Concen: 18.985 ng/ul

RT: 21.286 min Scan# 3077

Delta R.T. -0.006 min

Lab File: BP013527.D

Acq: 18 Jan 2023 18:12

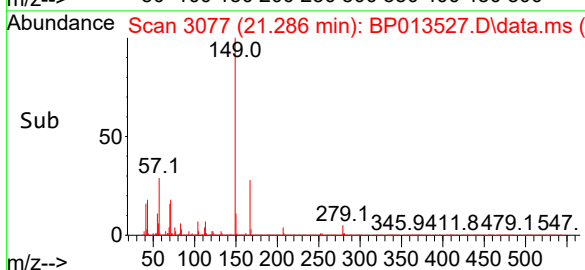
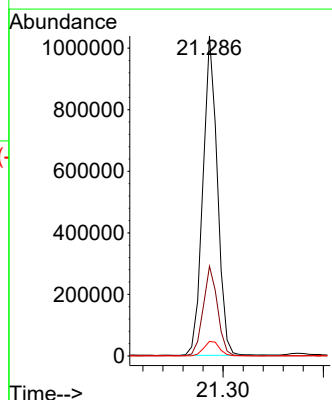
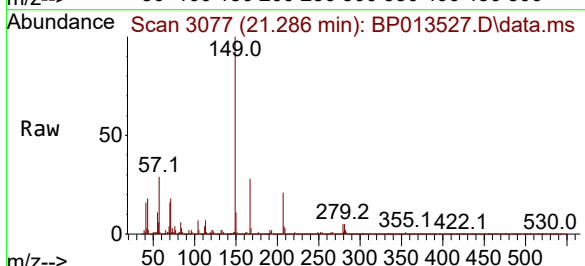
Tgt Ion:149 Resp: 1040626

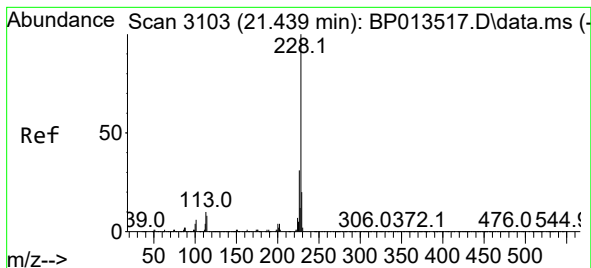
Ion Ratio Lower Upper

149 100

167 28.0 22.2 33.4

279 4.5 3.5 5.3





#87

Chrysene

Concen: 18.129 ng/ul

RT: 21.427 min Scan# 3103

Delta R.T. -0.012 min

Lab File: BP013527.D

Acq: 18 Jan 2023 18:12

Instrument :

BNA_P

ClientSampleId :

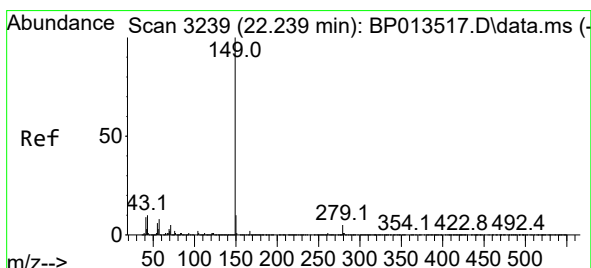
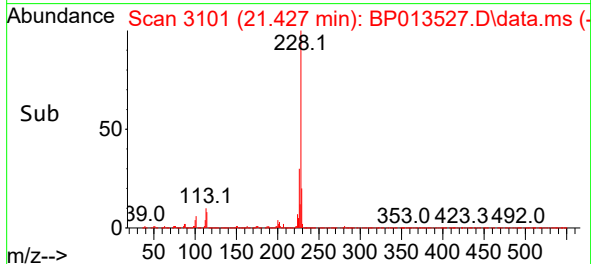
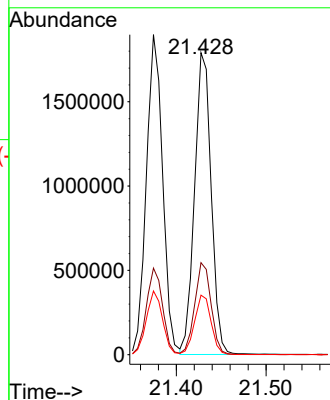
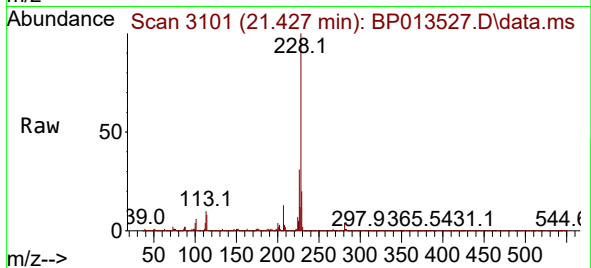
Tgt Ion:228 Resp: 2299787

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: 17.355 ng/ul

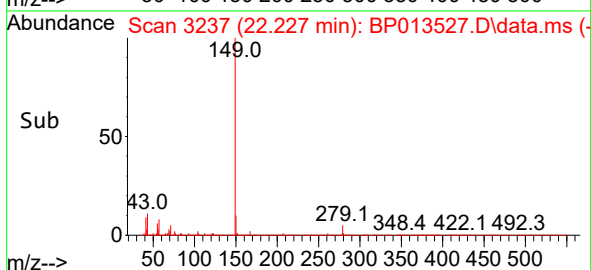
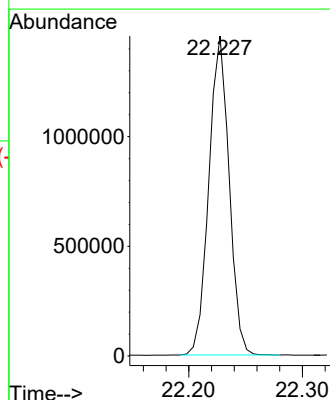
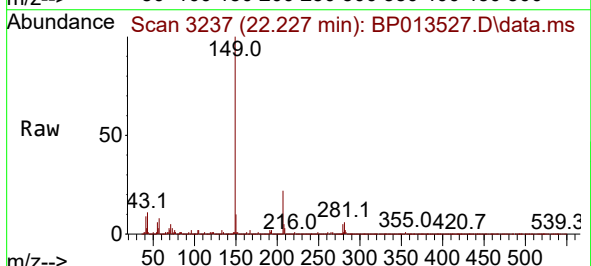
RT: 22.227 min Scan# 3237

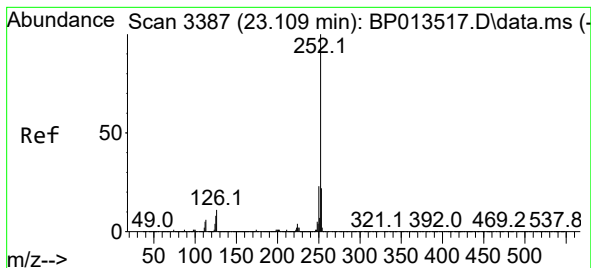
Delta R.T. -0.012 min

Lab File: BP013527.D

Acq: 18 Jan 2023 18:12

Tgt Ion:149 Resp: 1800633





#90

Benzo(b)fluoranthene

Concen: 17.213 ng/ul

RT: 23.092 min Scan# 3384

Delta R.T. -0.012 min

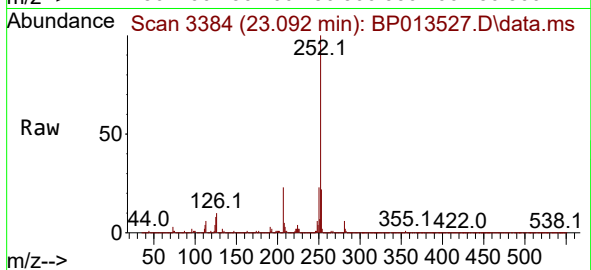
Lab File: BP013527.D

Acq: 18 Jan 2023 18:12

Instrument :

BNA_P

ClientSampleId :



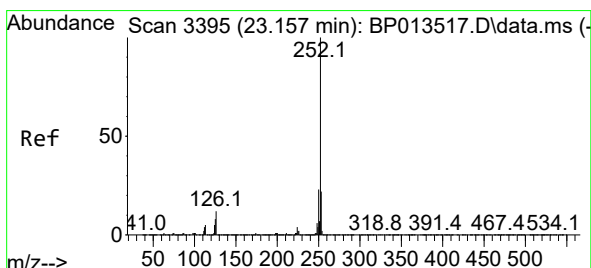
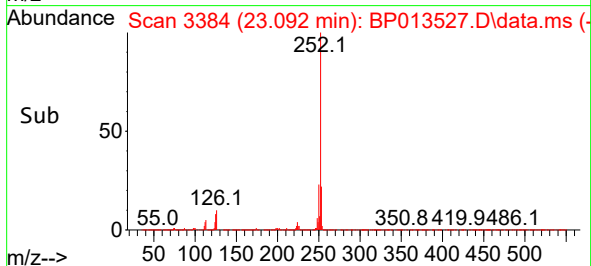
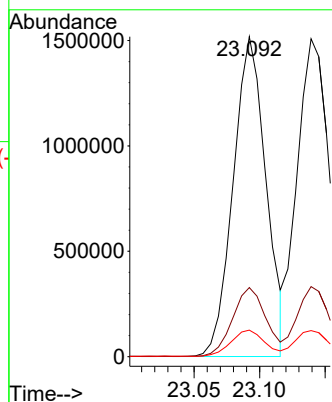
Tgt Ion:252 Resp: 2635128

Ion Ratio Lower Upper

252 100

253 21.6 17.7 26.5

125 8.3 7.1 10.7



#91

Benzo(k)fluoranthene

Concen: 17.871 ng/ul

RT: 23.139 min Scan# 3392

Delta R.T. -0.018 min

Lab File: BP013527.D

Acq: 18 Jan 2023 18:12

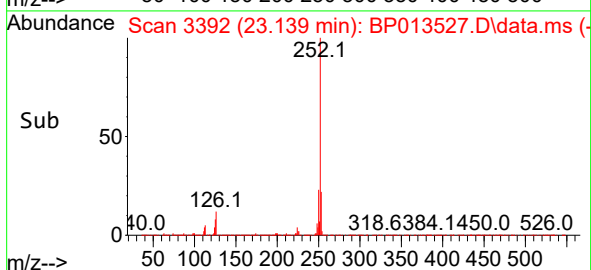
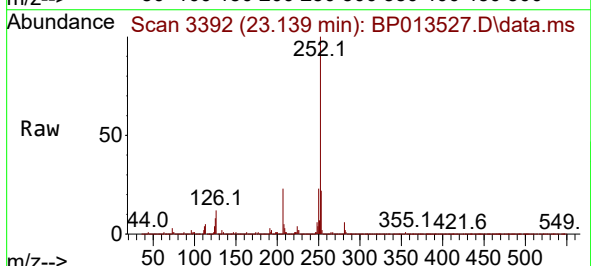
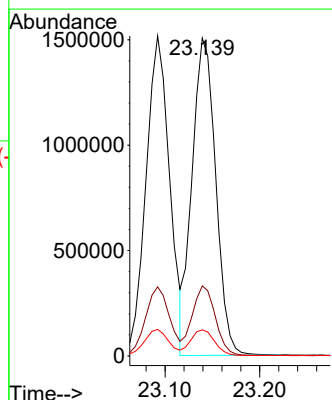
Tgt Ion:252 Resp: 2610568

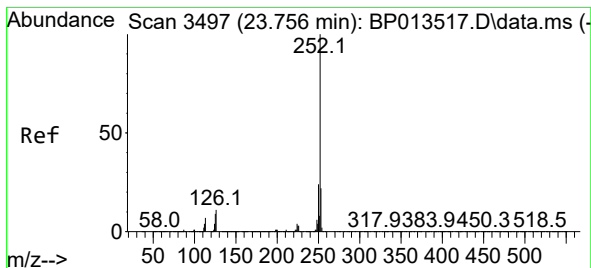
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 8.2 6.9 10.3





#93

Benzo(a)pyrene

Concen: 18.134 ng/ul

RT: 23.733 min Scan# 3497

Delta R.T. -0.018 min

Lab File: BP013527.D

Acq: 18 Jan 2023 18:12

Instrument :

BNA_P

ClientSampleId :

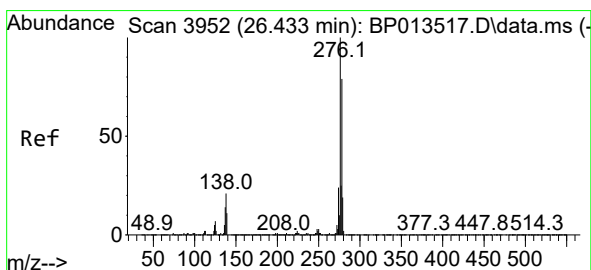
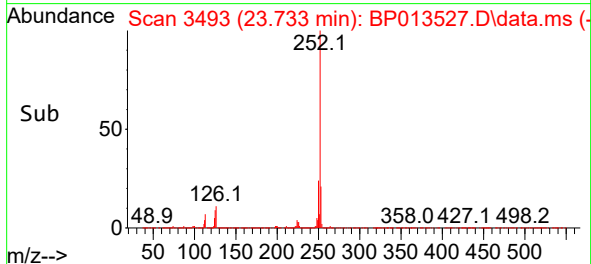
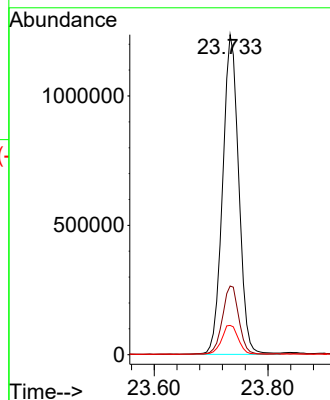
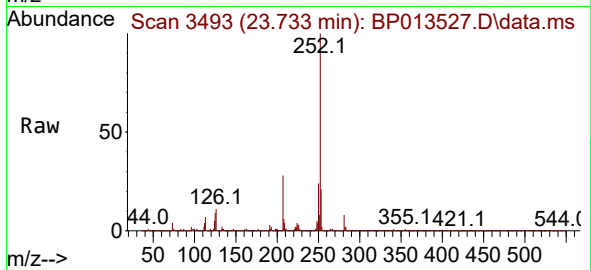
Tgt Ion:252 Resp: 2437478

Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.0

125 9.2 7.6 11.4



#94

Indeno(1,2,3-cd)pyrene

Concen: 19.304 ng/ul

RT: 26.404 min Scan# 3947

Delta R.T. -0.023 min

Lab File: BP013527.D

Acq: 18 Jan 2023 18:12

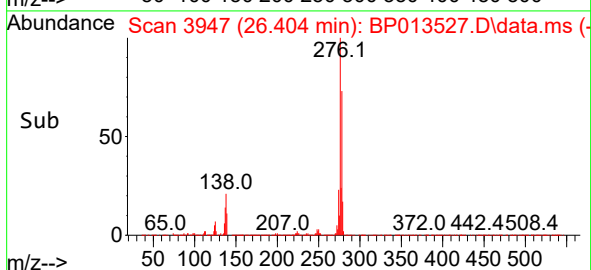
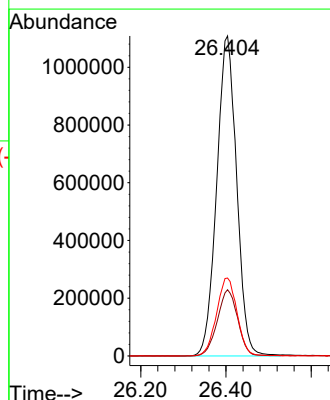
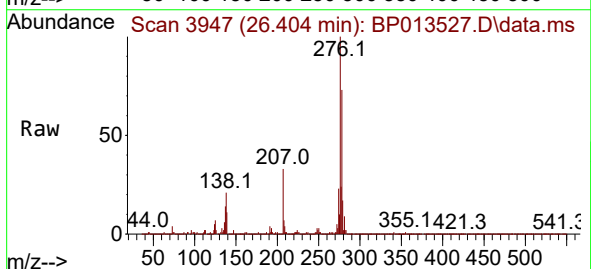
Tgt Ion:276 Resp: 3595266

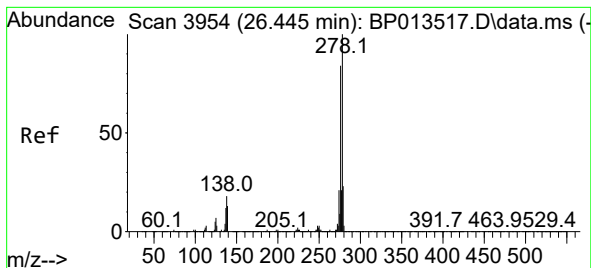
Ion Ratio Lower Upper

276 100

138 20.7 17.3 25.9

277 24.4 20.1 30.1





#95

Dibenzo(a,h)anthracene

Concen: 19.143 ng/ul

RT: 26.415 min Scan# 3949

Delta R.T. -0.023 min

Lab File: BP013527.D

Acq: 18 Jan 2023 18:12

Instrument :

BNA_P

ClientSampleId :

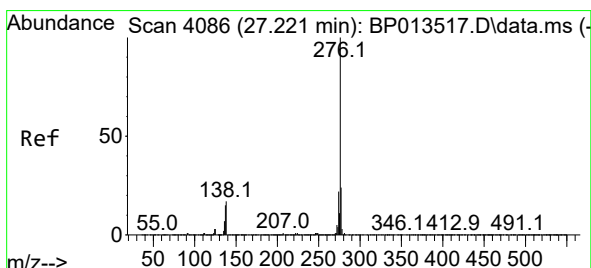
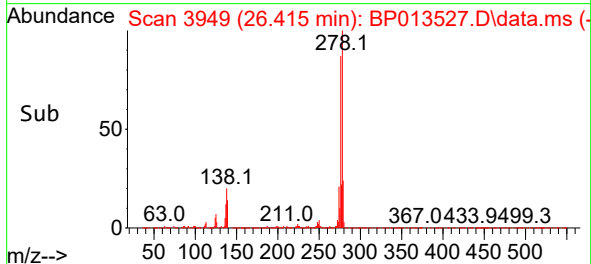
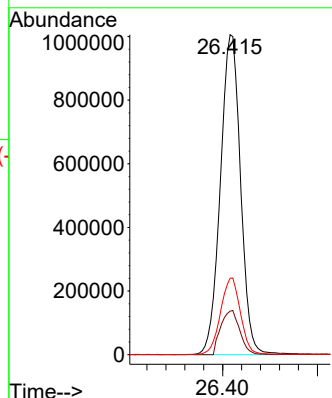
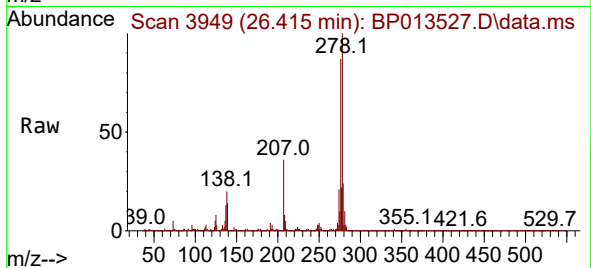
Tgt Ion:278 Resp: 2974111

Ion Ratio Lower Upper

278 100

139 13.6 11.3 16.9

279 23.9 19.2 28.8



#96

Benzo(g,h,i)perylene

Concen: 19.391 ng/ul

RT: 27.186 min Scan# 4080

Delta R.T. -0.029 min

Lab File: BP013527.D

Acq: 18 Jan 2023 18:12

Tgt Ion:276 Resp: 2970329

Ion Ratio Lower Upper

276 100

138 17.9 14.5 21.7

277 23.7 18.8 28.2

