

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
 Data File : BP013503.D
 Acq On : 17 Jan 2023 20:14
 Operator : CG/JU
 Sample : 01145-04MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jan 18 01:17:07 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	412900	20.000	ng/u1	0.00
20) Naphthalene-d8	10.710	136	1603798	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.545	164	997966	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.310	188	2583185	20.000	ng/u1	0.00
79) Chrysene-d12	21.398	240	64781	20.000	ng/u1	# 0.00
88) Perylene-d12	23.874	264	2766888	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	37056	3.488	ng/uL	0.00
4) Pyridine-d5	3.728	84	184340	6.222	ng/u1	0.00
7) Phenol-d5	7.064	99	723853	21.127	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	439248	20.322	ng/u1	0.00
11) 2-Chlorophenol-d4	7.428	132	584995	22.895	ng/u1	0.00
15) 4-Methylphenol-d8	8.610	113	562794	21.561	ng/u1	0.00
21) Nitrobenzene-d5	9.069	128	273474	23.948	ng/u1	0.00
24) 2-Nitrophenol-d4	9.793	143	317181	25.373	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.334	165	596549	23.946	ng/u1	0.00
31) 4-Chloroaniline-d4	10.852	131	636328	18.131	ng/u1	0.00
46) Dimethylphthalate-d6	13.957	166	1640263	22.559	ng/u1	0.00
49) Acenaphthylene-d8	14.240	160	1943580	24.149	ng/u1	0.00
54) 4-Nitrophenol-d4	14.757	143	292821	22.002	ng/u1	0.00
60) Fluorene-d10	15.545	176	1488727	23.181	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.687	200	312739	19.093	ng/u1	0.02
73) Anthracene-d10	17.416	188	2355661	20.631	ng/u1	0.00
81) Pyrene-d10	19.645	212	3010775	854.215	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.710	264	3157731	23.234	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.328	88	87865	7.511	ng/uL#	96
5) Pyridine	3.746	79	233420	7.791	ng/u1	98
6) Benzaldehyde	7.040	77	490744	37.554	ng/u1	95
8) Phenol	7.093	94	800627	22.587	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.322	93	607507	21.674	ng/u1	99
12) 2-Chlorophenol	7.463	128	628053	23.596	ng/u1	95
13) 2-Methylphenol	8.346	108	584268	22.952	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.428	45	936568	21.654	ng/u1	99
16) Acetophenone	8.728	105	964083	23.402	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.710	70	453395	23.019	ng/u1	98
18) 4-Methylphenol	8.675	108	631163	22.557	ng/u1	100
19) Hexachloroethane	8.981	117	255021	23.778	ng/u1	98
22) Nitrobenzene	9.110	77	692986	23.249	ng/u1	97
23) Isophorone	9.640	82	1241057	23.791	ng/u1	99
25) 2-Nitrophenol	9.828	139	346330	25.482	ng/u1	97
26) 2,4-Dimethylphenol	9.881	107	670871	23.660	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.122	93	786735	22.823	ng/u1	98
29) 2,4-Dichlorophenol	10.357	162	613196	24.603	ng/u1	100
30) Naphthalene	10.763	128	1943355	22.778	ng/u1	100
32) 4-Chloroaniline	10.875	127	615640	17.447	ng/u1	99
33) Hexachlorobutadiene	11.040	225	432240	24.151	ng/u1	98
34) Caprolactam	11.657	113	133483	18.002	ng/u1	92
35) 4-Chloro-3-methylphenol	11.999	107	614268	25.536	ng/u1	99
36) 2-Methylnaphthalene	12.369	142	1291259	23.665	ng/u1	98

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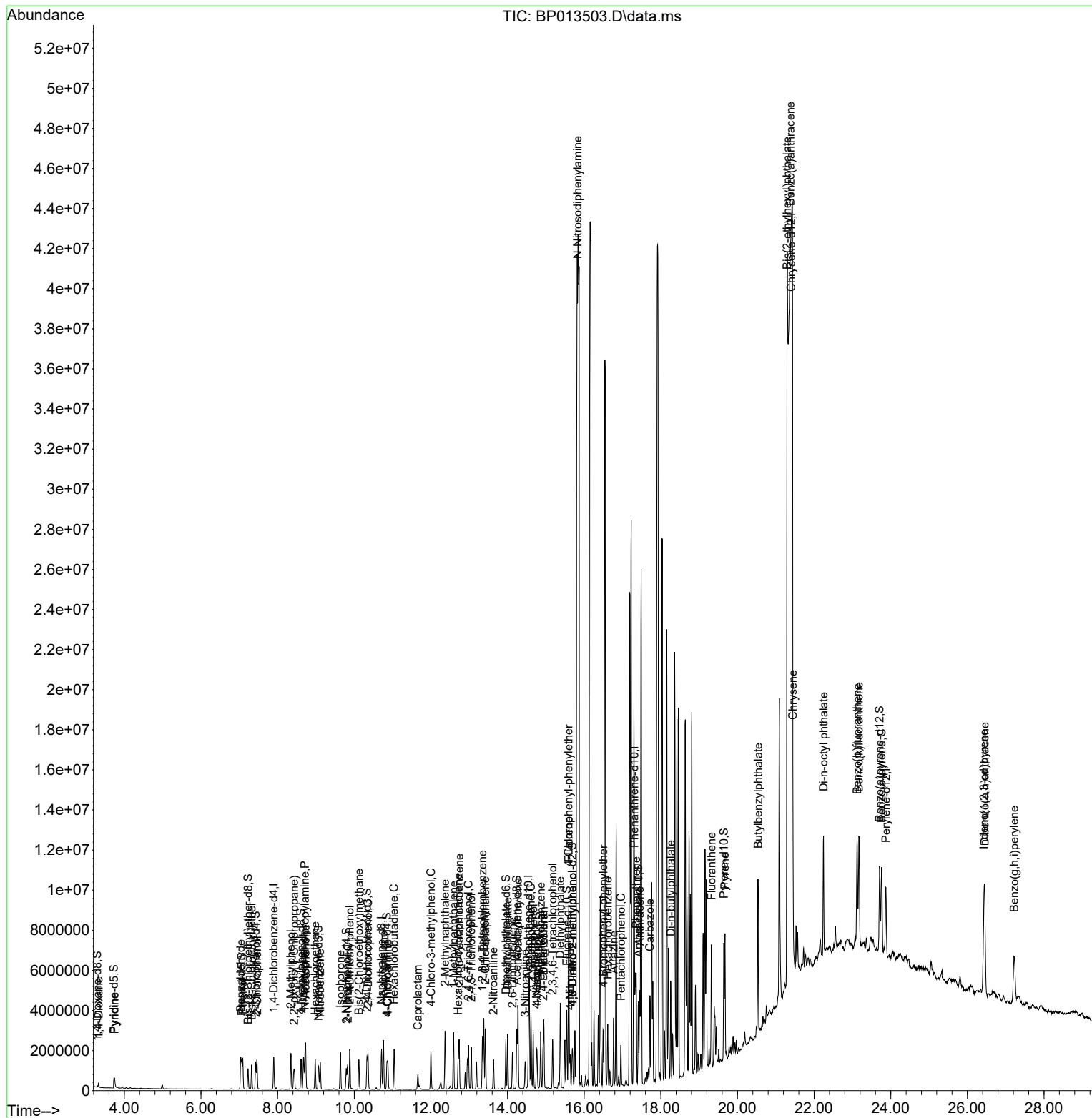
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.593	142	1321821	23.355	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.740	216	795925	23.263	ng/ul	98
40) Hexachlorocyclopentadiene	12.710	237	394112	19.148	ng/ul	98
41) 2,4,6-Trichlorophenol	12.981	196	529693	26.319	ng/ul	97
42) 2,4,5-Trichlorophenol	13.051	196	562271	25.672	ng/ul	99
43) 1,1'-Biphenyl	13.381	154	1812326	23.920	ng/ul	99
44) 2-Chloronaphthalene	13.422	162	1403466	22.955	ng/ul	99
45) 2-Nitroaniline	13.634	65	393632	26.605	ng/ul	95
47) Dimethylphthalate	14.004	163	1697159	23.364	ng/ul	99
48) 2,6-Dinitrotoluene	14.128	165	349823	27.810	ng/ul	96
50) Acenaphthylene	14.269	152	2164067	24.398	ng/ul	99
51) 3-Nitroaniline	14.457	138	332305	24.941	ng/ul	94
52) Acenaphthene	14.610	153	1506967	23.738	ng/ul	99
53) 2,4-Dinitrophenol	14.675	184	208559	22.274	ng/ul#	85
55) 4-Nitrophenol	14.769	109	241812	23.905	ng/ul	97
56) Dibenzofuran	14.945	168	2124720	23.303	ng/ul	98
57) 2,4-Dinitrotoluene	14.928	165	514575	27.520	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.175	232	503135	26.334	ng/ul	98
59) Diethylphthalate	15.375	149	1710126	25.152	ng/ul	100
61) Fluorene	15.598	166	2403531	33.025	ng/ul#	87
62) 4-Chlorophenyl-phenyle...	15.592	204	914320	24.057	ng/ul	97
63) 4-Nitroaniline	15.634	138	352315	28.600	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.698	198	332910	20.591	ng/ul#	98
67) N-Nitrosodiphenylamine	15.828	169	786772	11.262	ng/ul#	34
68) 4-Bromophenyl-phenylether	16.498	248	593003	22.162	ng/ul	97
69) Hexachlorobenzene	16.616	284	678090	21.018	ng/ul	97
70) Atrazine	16.769	200	609818	22.833	ng/ul	98
71) Pentachlorophenol	16.957	266	373856	19.468	ng/ul	97
72) Phenanthrene	17.357	178	2824307	20.566	ng/ul	99
74) Anthracene	17.451	178	2911357	21.461	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.346	216	788002	20.200	ng/uL	100
76) Pentachlorobenzene	14.869	250	771800	20.321	ng/uL	99
77) Carbazole	17.716	167	2665475	22.685	ng/ul	99
78) Di-n-butylphthalate	18.257	149	3279656	28.461	ng/ul	99
80) Fluoranthene	19.322	202	3641103	902.591	ng/ul	97
82) Pyrene	19.675	202	3765667	880.981	ng/ul	99
83) Butylbenzylphthalate	20.539	149	1560929	1203.464	ng/ul	97
85) Benzo(a)anthracene	21.380	228	135160	31.505	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.292	149	3476673	1924.308	ng/ul#	76
87) Chrysene	21.445	228	1651622	394.987	ng/ul	99
89) Di-n-octyl phthalate	22.245	149	4410912	37.194	ng/ul	100
90) Benzo(b)fluoranthene	23.121	252	4088360	23.364	ng/ul#	97
91) Benzo(k)fluoranthene	23.169	252	4024422	24.103	ng/ul#	98
93) Benzo(a)pyrene	23.763	252	3654740	23.788	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.433	276	4942406	23.217	ng/ul	99
95) Dibenzo(a,h)anthracene	26.451	278	4156166	23.404	ng/ul	99
96) Benzo(g,h,i)perylene	27.221	276	3470470	19.821	ng/ul	99

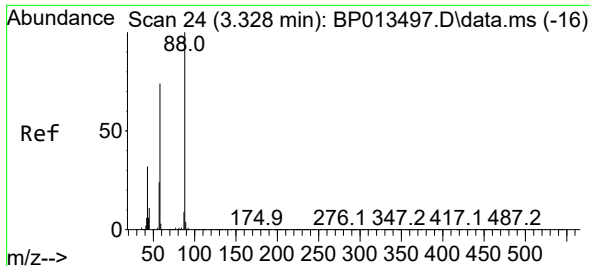
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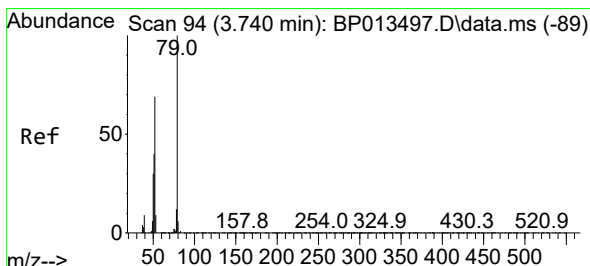
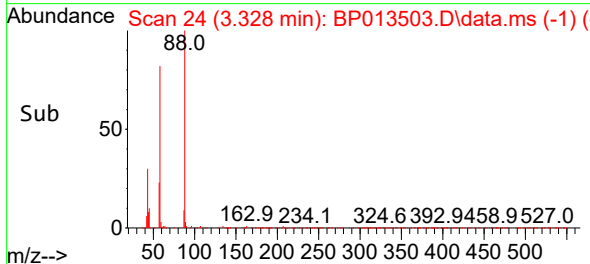
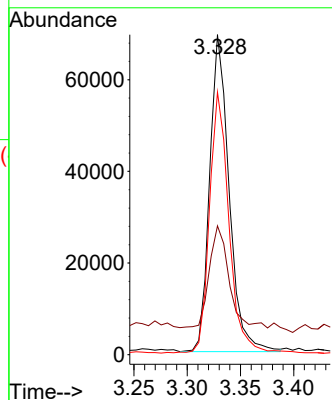
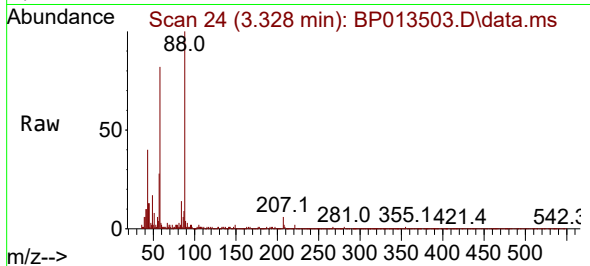




#2
1,4-Dioxane
Concen: 7.511 ng/uL
RT: 3.328 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP013503.D
Acq: 17 Jan 2023 20:14

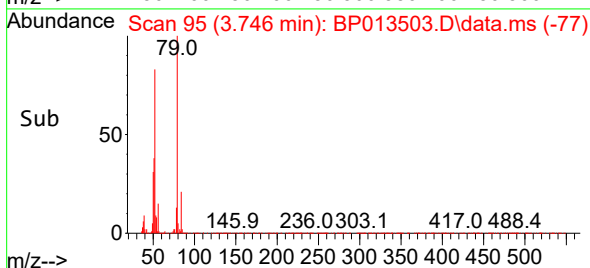
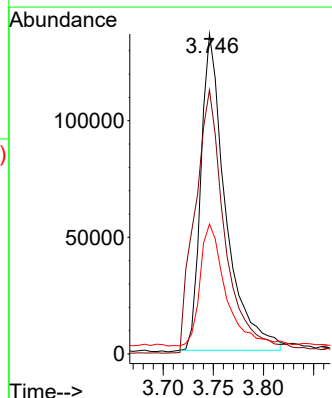
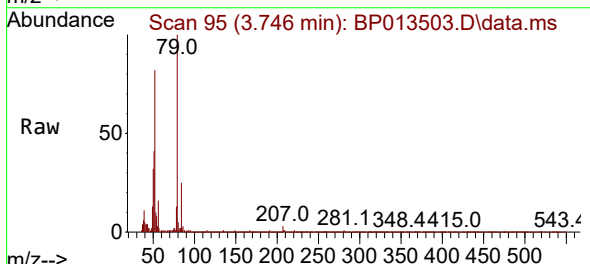
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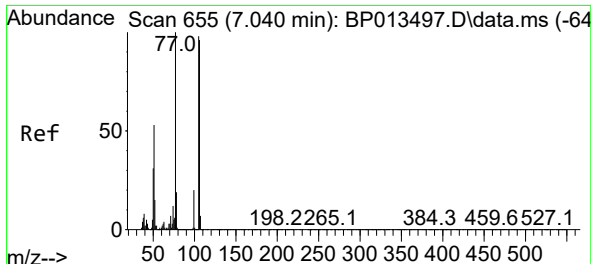
Tgt Ion: 88 Resp: 87865
Ion Ratio Lower Upper
88 100
43 40.2 26.6 40.0#
58 82.0 64.7 97.1



#5
Pyridine
Concen: 7.791 ng/uL
RT: 3.746 min Scan# 95
Delta R.T. 0.006 min
Lab File: BP013503.D
Acq: 17 Jan 2023 20:14

Tgt Ion: 79 Resp: 233420
Ion Ratio Lower Upper
79 100
52 82.5 67.7 101.5
51 40.6 32.3 48.5

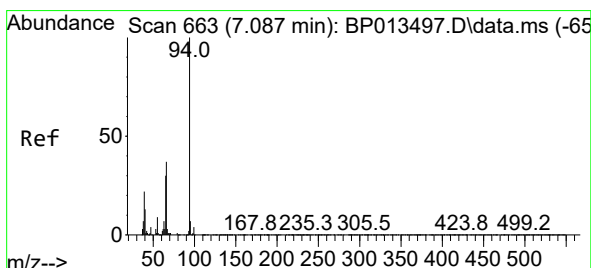
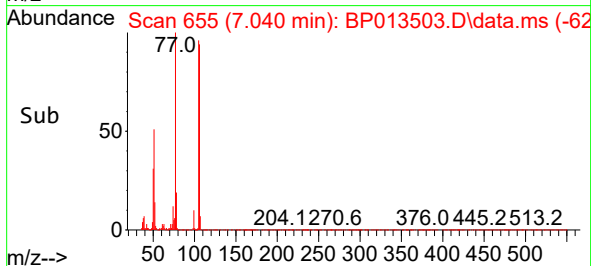
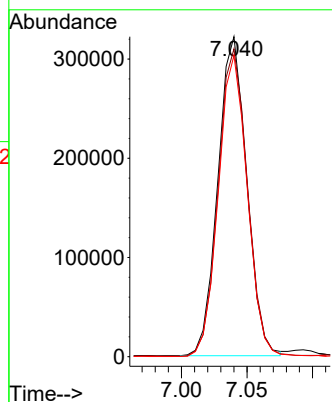
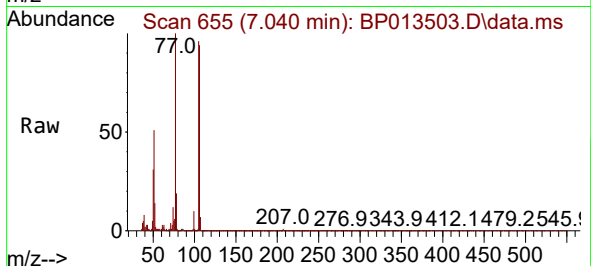




#6
Benzaldehyde
Concen: 37.554 ng/ul
RT: 7.040 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP013503.D
Acq: 17 Jan 2023 20:14

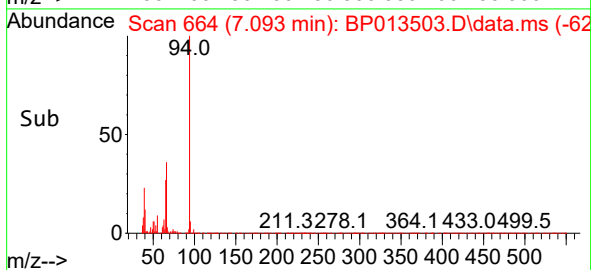
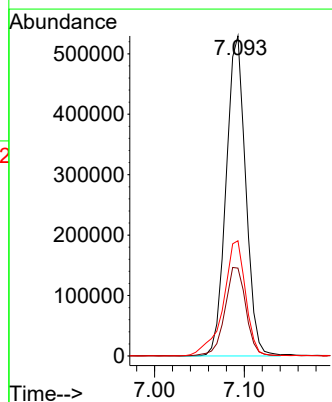
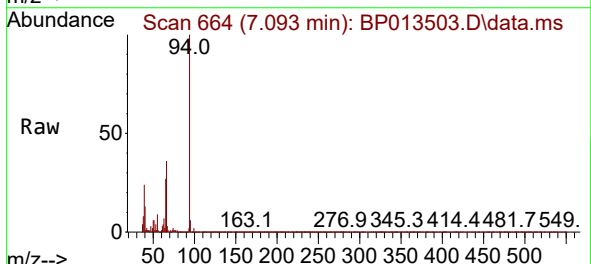
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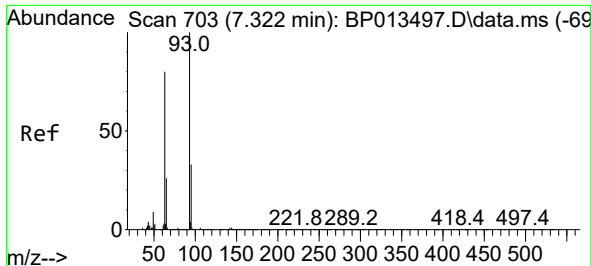
Tgt Ion: 77 Resp: 490744
Ion Ratio Lower Upper
77 100
105 96.2 75.4 113.0
106 94.2 69.8 104.8



#8
Phenol
Concen: 22.587 ng/ul
RT: 7.093 min Scan# 664
Delta R.T. 0.006 min
Lab File: BP013503.D
Acq: 17 Jan 2023 20:14

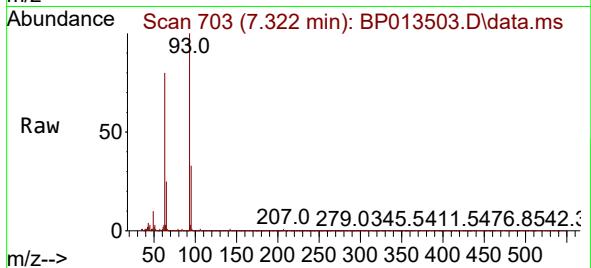
Tgt Ion: 94 Resp: 800627
Ion Ratio Lower Upper
94 100
65 27.4 22.8 34.2
66 36.0 28.6 42.8





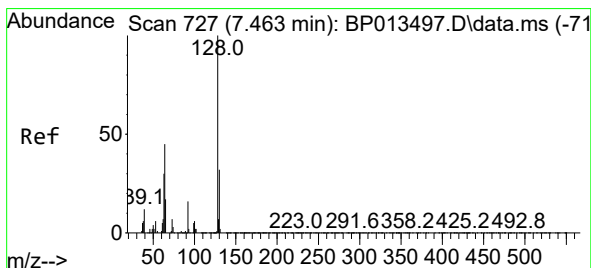
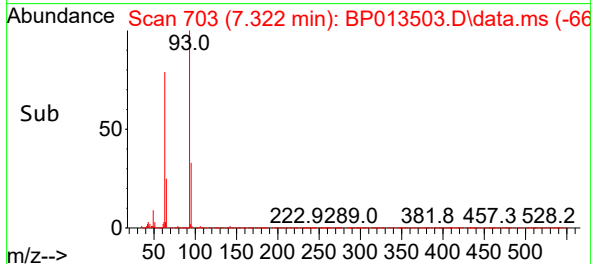
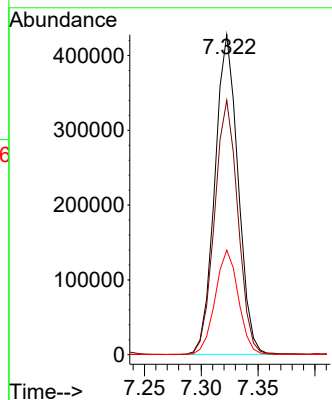
#10
 Bis(2-Chloroethyl)ether
 Concen: 21.674 ng/ul
 RT: 7.322 min Scan# 703
 Delta R.T. 0.000 min
 Lab File: BP013503.D
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 BNA_P
 ClientSampleId :



Tgt Ion: 93 Resp: 607507

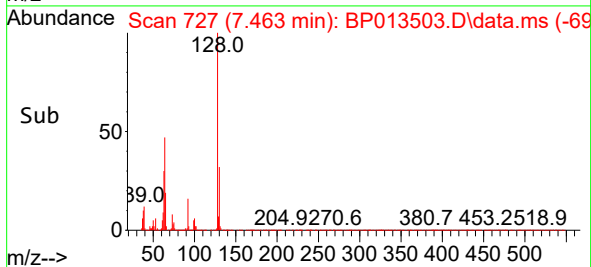
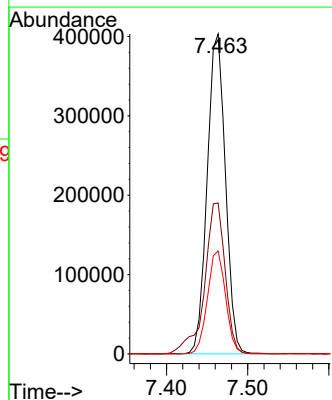
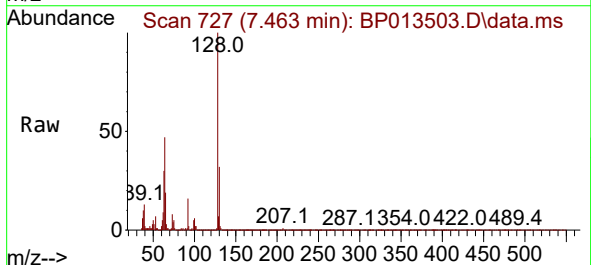
Ion	Ratio	Lower	Upper
93	100		
63	79.5	64.7	97.1
95	32.7	25.7	38.5

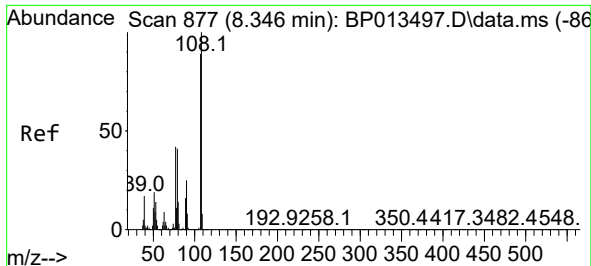


#12
 2-Chlorophenol
 Concen: 23.596 ng/ul
 RT: 7.463 min Scan# 727
 Delta R.T. 0.000 min
 Lab File: BP013503.D
 Acq: 17 Jan 2023 20:14

Tgt Ion:128 Resp: 628053

Ion	Ratio	Lower	Upper
128	100		
64	47.2	41.4	62.2
130	32.2	24.9	37.3

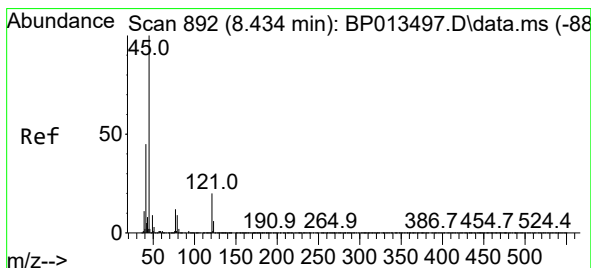
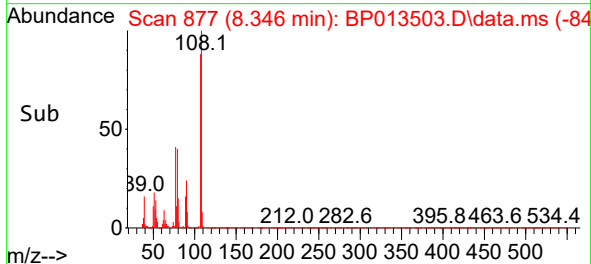
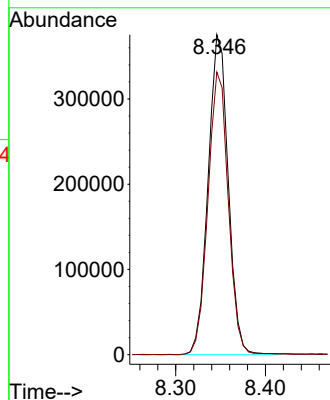
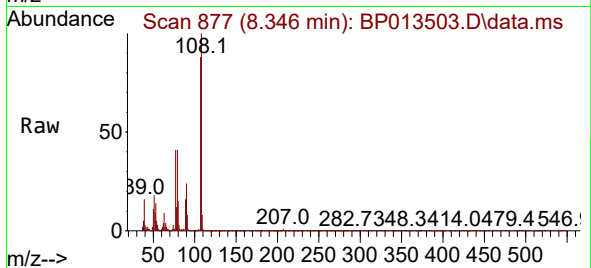




#13
2-Methylphenol
Concen: 22.952 ng/ul
RT: 8.346 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP013503.D
Acq: 17 Jan 2023 20:14

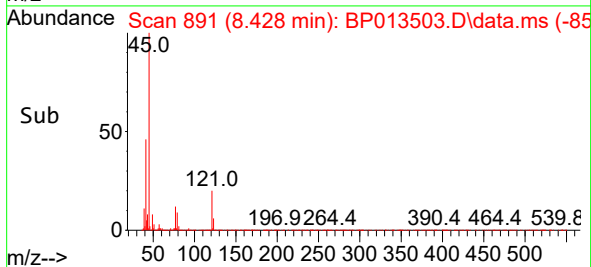
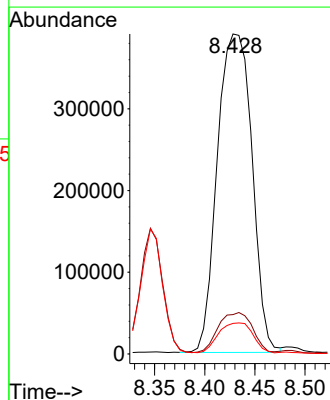
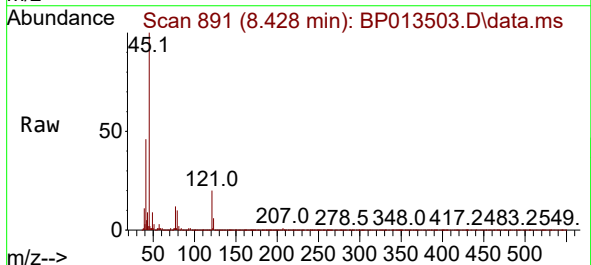
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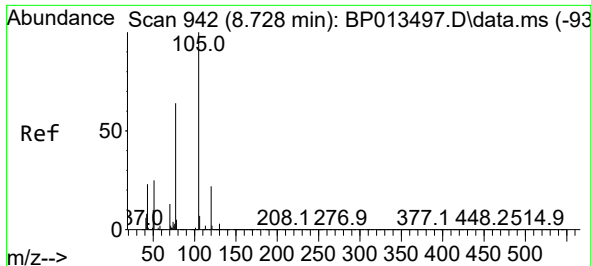
Tgt Ion:108 Resp: 584268
Ion Ratio Lower Upper
108 100
107 88.3 69.4 104.0



#14
2,2'-oxybis(1-Chloropropane)
Concen: 21.654 ng/ul
RT: 8.428 min Scan# 891
Delta R.T. -0.006 min
Lab File: BP013503.D
Acq: 17 Jan 2023 20:14

Tgt Ion: 45 Resp: 936568
Ion Ratio Lower Upper
45 100
77 12.3 10.1 15.1
79 9.6 7.0 10.4

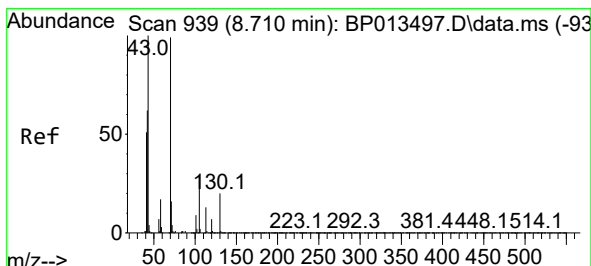
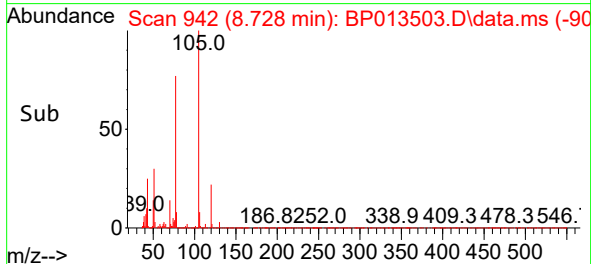
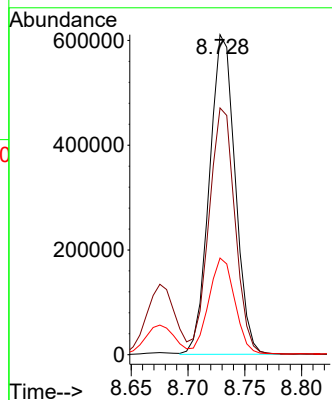
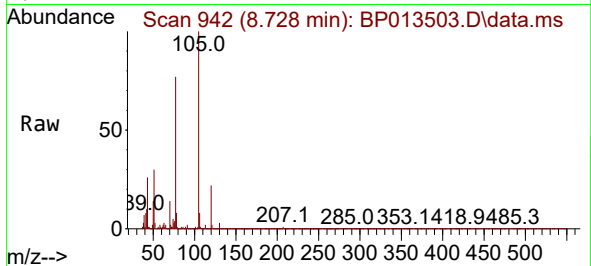




#16
Acetophenone
Concen: 23.402 ng/ul
RT: 8.728 min Scan# 942
Delta R.T. 0.000 min
Lab File: BP013503.D
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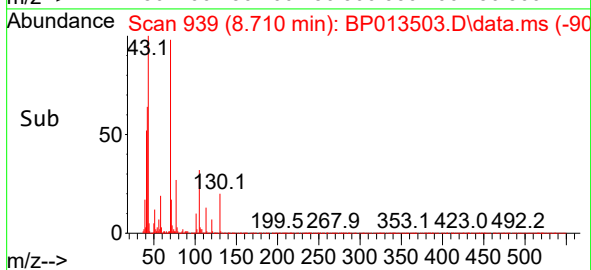
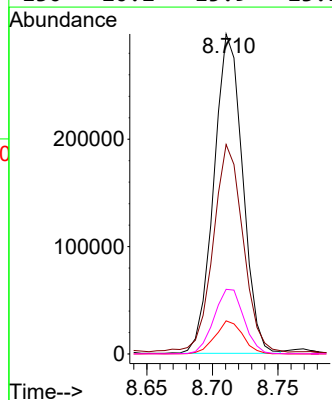
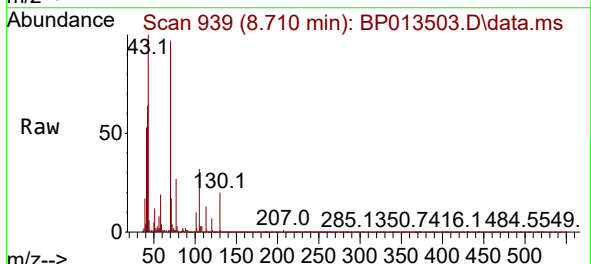
Instrument :
BNA_P
ClientSampleId :

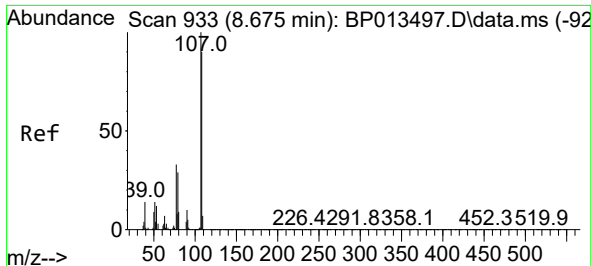
Tgt Ion:105 Resp: 964083
Ion Ratio Lower Upper
105 100
77 77.1 62.5 93.7
51 30.2 24.7 37.1



#17
N-Nitroso-di-n-propylamine
Concen: 23.019 ng/ul
RT: 8.710 min Scan# 939
Delta R.T. 0.000 min
Lab File: BP013503.D
Acq: 17 Jan 2023 20:14

Tgt Ion: 70 Resp: 453395
Ion Ratio Lower Upper
70 100
42 65.5 53.6 80.4
101 10.4 8.0 12.0
130 20.2 15.9 23.9

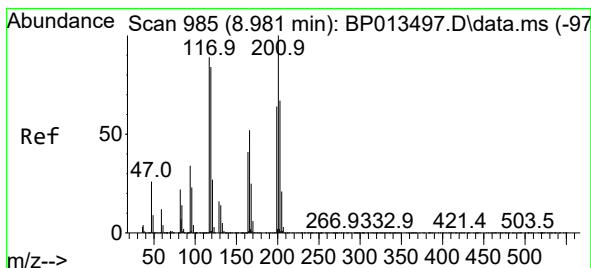
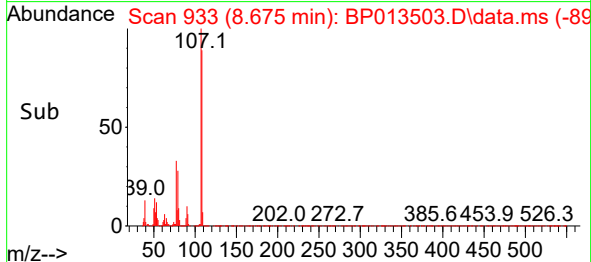
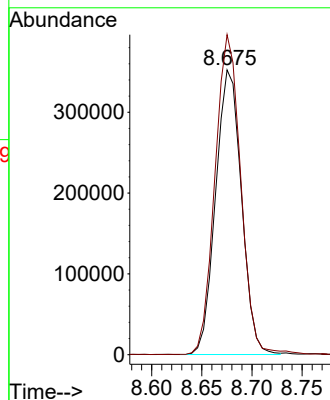
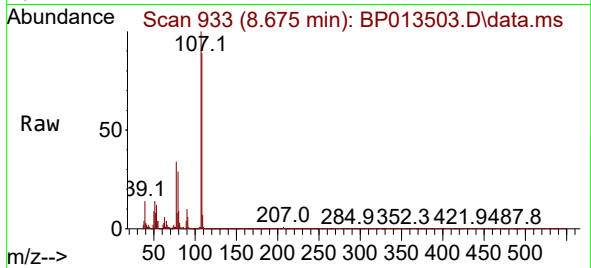




#18
4-Methylphenol
Concen: 22.557 ng/ul
RT: 8.675 min Scan# 911
Delta R.T. 0.000 min
Lab File: BP013503.D
Acq: 17 Jan 2023 20:14

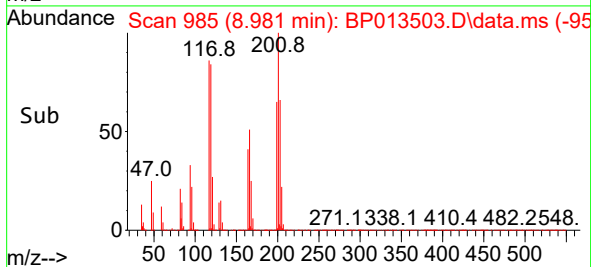
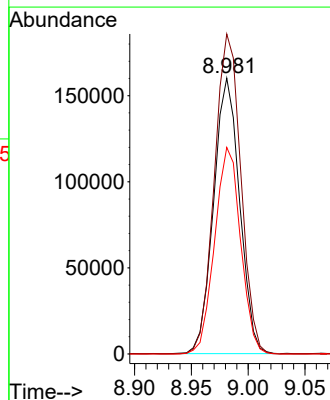
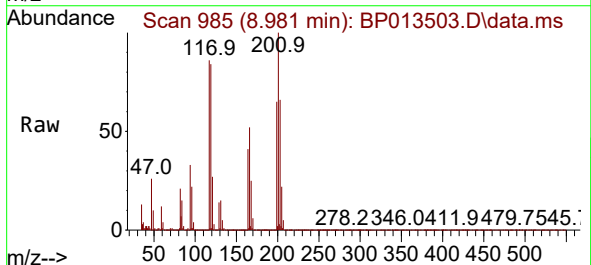
Instrument :
BNA_P
ClientSampleId :

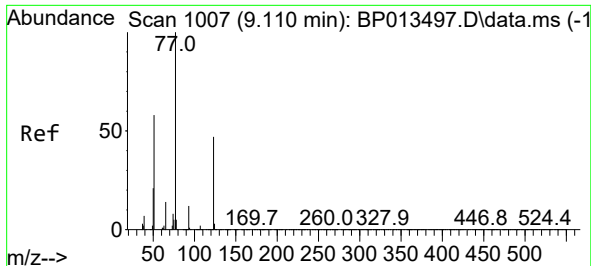
Tgt Ion:108 Resp: 631163
Ion Ratio Lower Upper
108 100
107 112.4 89.5 134.3



#19
Hexachloroethane
Concen: 23.778 ng/ul
RT: 8.981 min Scan# 985
Delta R.T. 0.000 min
Lab File: BP013503.D
Acq: 17 Jan 2023 20:14

Tgt Ion:117 Resp: 255021
Ion Ratio Lower Upper
117 100
201 116.0 90.6 136.0
199 74.9 58.7 88.1

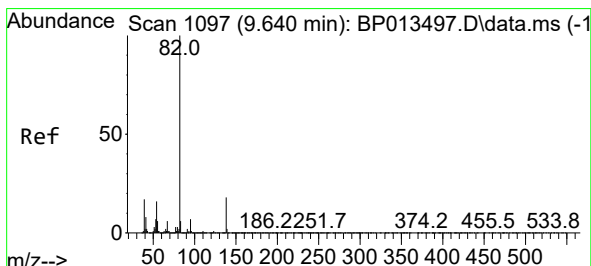
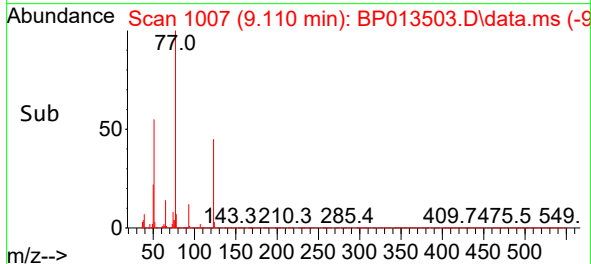
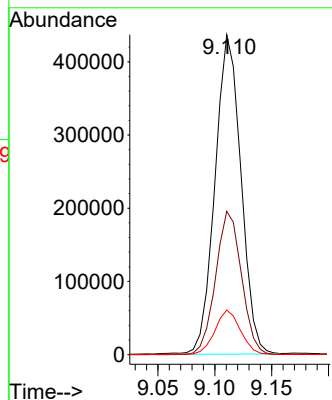
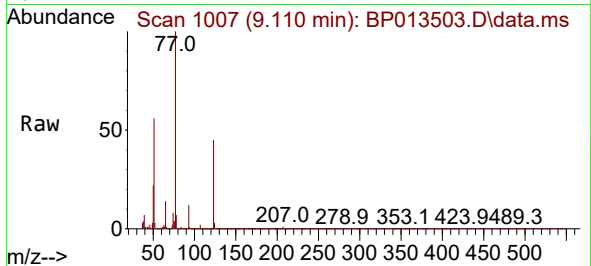




#22
Nitrobenzene
Concen: 23.249 ng/ul
RT: 9.110 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BP013503.D
Acq: 17 Jan 2023 20:14

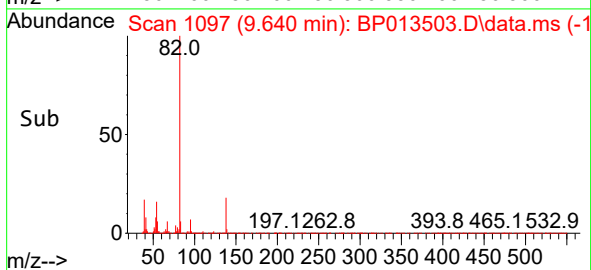
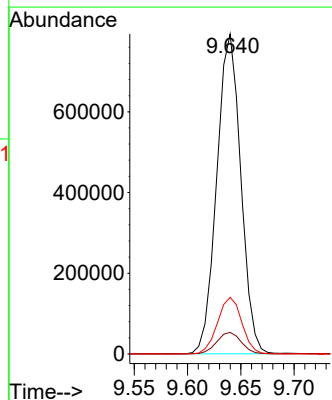
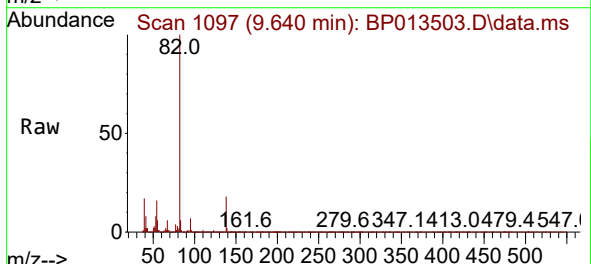
Instrument :
BNA_P
ClientSampleId :

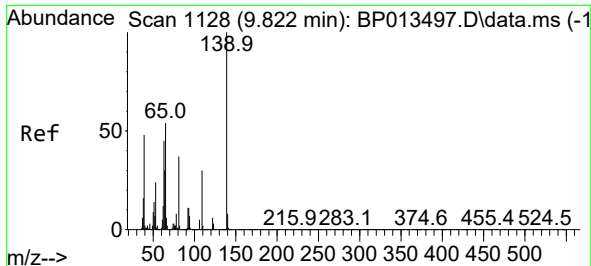
Tgt Ion: 77 Resp: 692986
Ion Ratio Lower Upper
77 100
123 44.8 33.7 50.5
65 13.9 11.0 16.4



#23
Isophorone
Concen: 23.791 ng/ul
RT: 9.640 min Scan# 1097
Delta R.T. 0.000 min
Lab File: BP013503.D
Acq: 17 Jan 2023 20:14

Tgt Ion: 82 Resp: 1241057
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.0
138 17.7 13.8 20.6

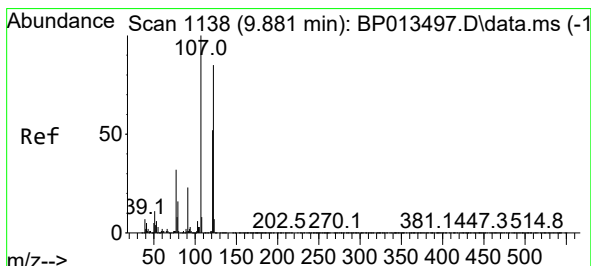
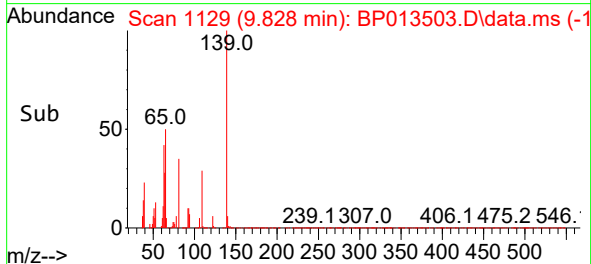
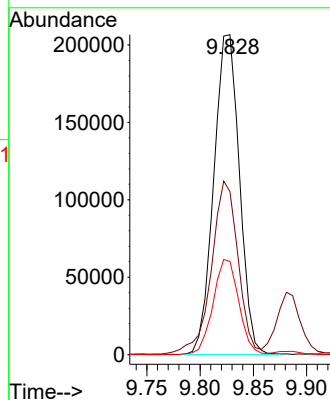
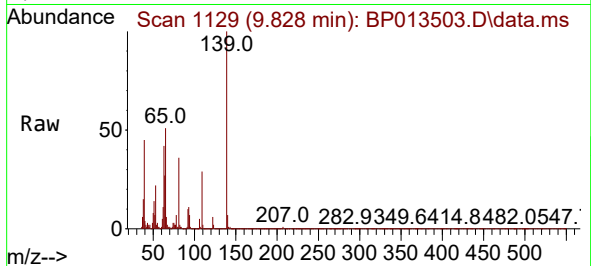




#25
2-Nitrophenol
Concen: 25.482 ng/ul
RT: 9.828 min Scan# 1128
Delta R.T. 0.006 min
Lab File: BP013503.D
Acq: 17 Jan 2023 20:14

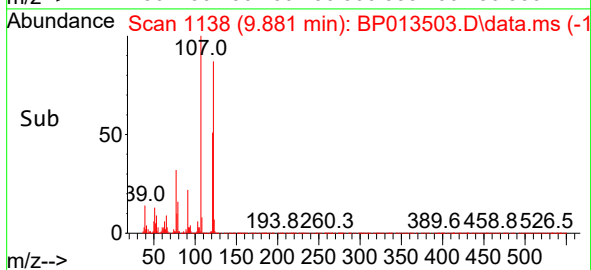
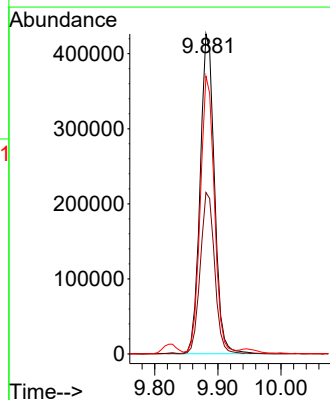
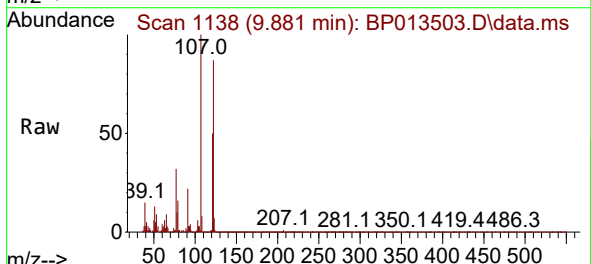
Instrument :
BNA_P
ClientSampleId :

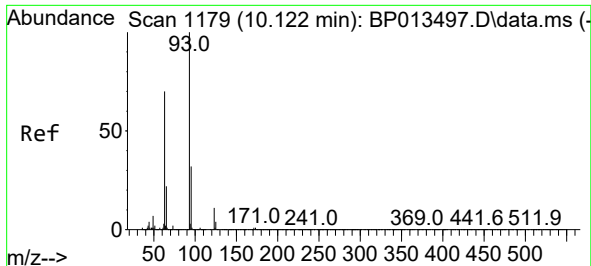
Tgt Ion:139 Resp: 346330
Ion Ratio Lower Upper
139 100
65 50.9 43.0 64.6
109 29.1 23.4 35.2



#26
2,4-Dimethylphenol
Concen: 23.660 ng/ul
RT: 9.881 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BP013503.D
Acq: 17 Jan 2023 20:14

Tgt Ion:107 Resp: 670871
Ion Ratio Lower Upper
107 100
121 50.4 39.9 59.9
122 86.8 68.3 102.5

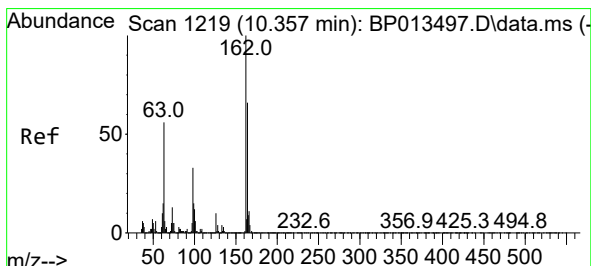
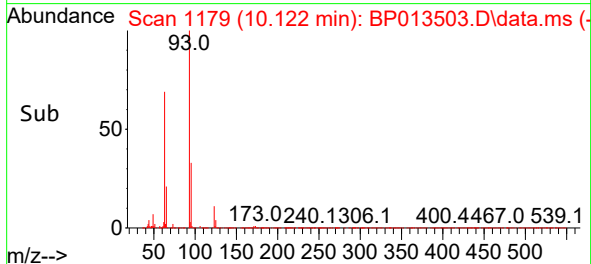
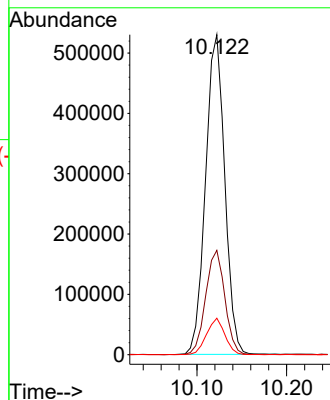
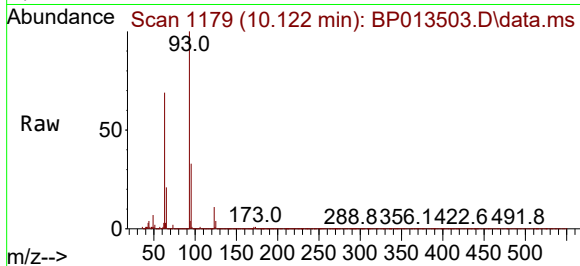




#27
 Bis(2-Chloroethoxy)methane
 Concen: 22.823 ng/ul
 RT: 10.122 min Scan# 1179
 Delta R.T. 0.000 min
 Lab File: BP013503.D
 Acq: 17 Jan 2023 20:14

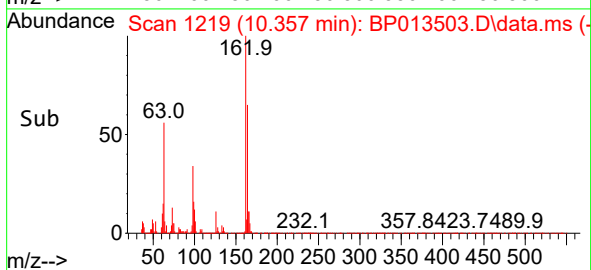
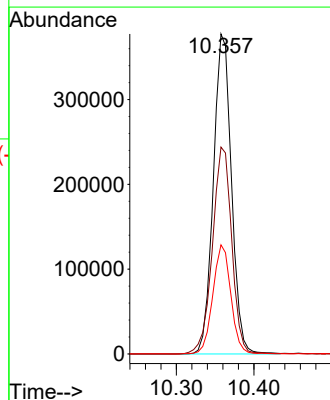
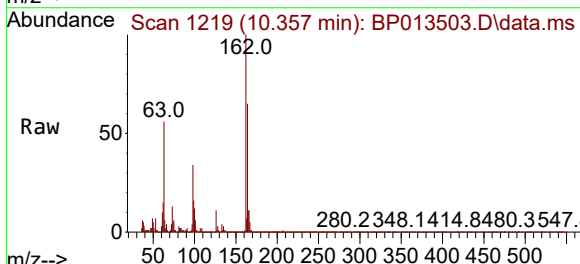
Instrument :
 BNA_P
 ClientSampleId :

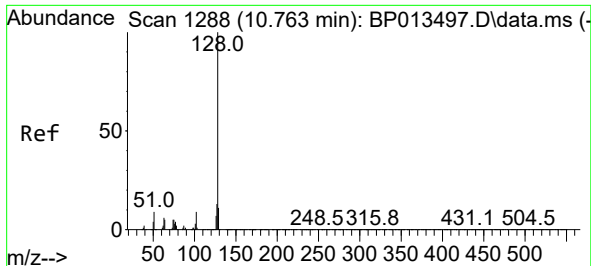
Tgt Ion: 93 Resp: 786735
 Ion Ratio Lower Upper
 93 100
 95 32.6 25.3 37.9
 123 11.4 8.4 12.6



#29
 2,4-Dichlorophenol
 Concen: 24.603 ng/ul
 RT: 10.357 min Scan# 1219
 Delta R.T. 0.000 min
 Lab File: BP013503.D
 Acq: 17 Jan 2023 20:14

Tgt Ion:162 Resp: 613196
 Ion Ratio Lower Upper
 162 100
 164 64.6 51.9 77.9
 98 34.1 27.1 40.7

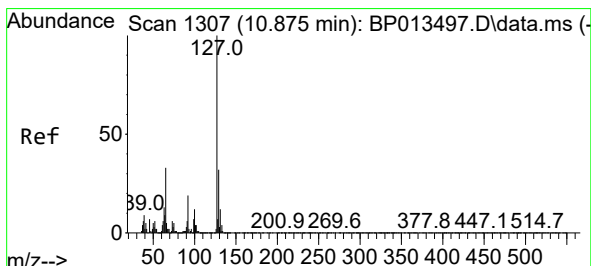
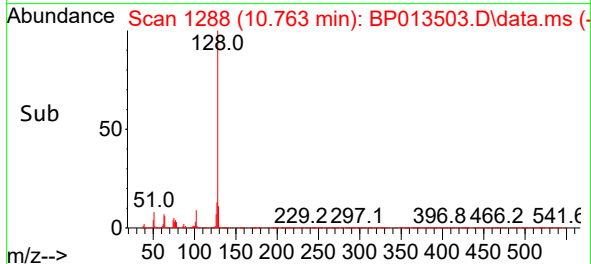
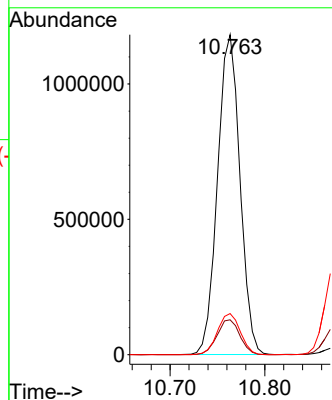
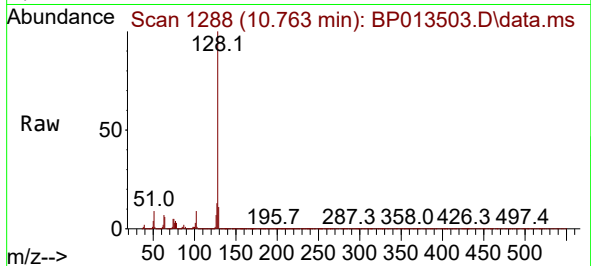




#30
Naphthalene
Concen: 22.778 ng/ul
RT: 10.763 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BP013503.D
Acq: 17 Jan 2023 20:14

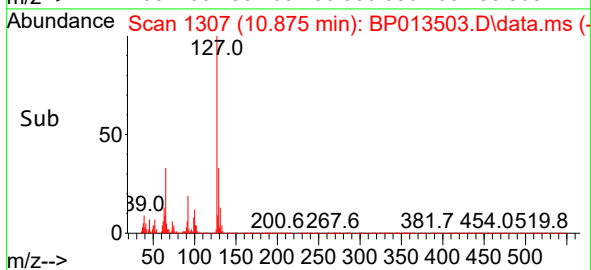
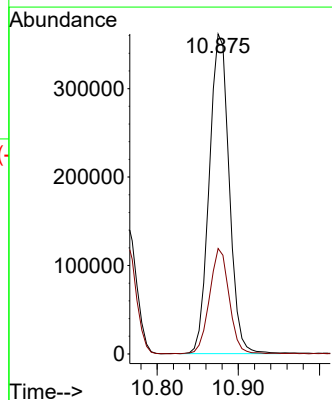
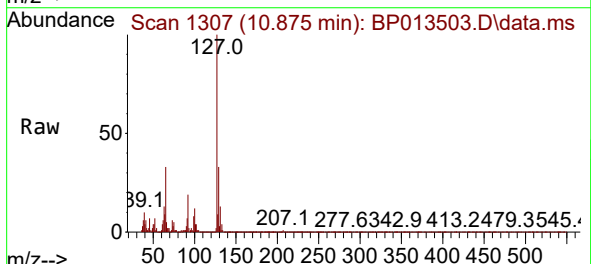
Instrument :
BNA_P
ClientSampleId :

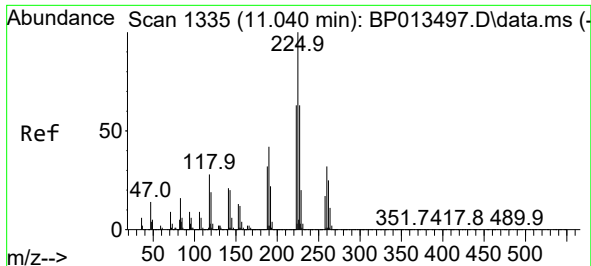
Tgt Ion:128 Resp: 1943355
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 12.9 10.1 15.1



#32
4-Chloroaniline
Concen: 17.447 ng/ul
RT: 10.875 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BP013503.D
Acq: 17 Jan 2023 20:14

Tgt Ion:127 Resp: 615640
Ion Ratio Lower Upper
127 100
129 33.0 26.1 39.1

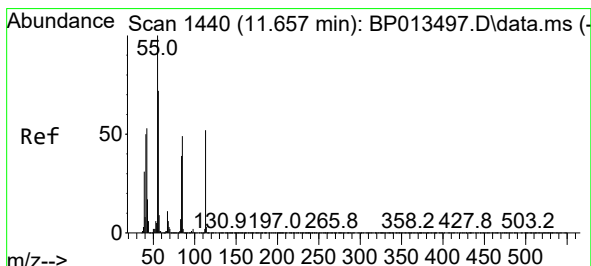
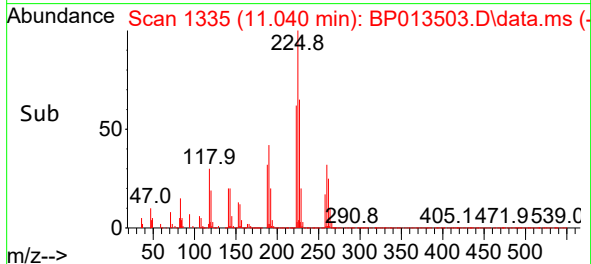
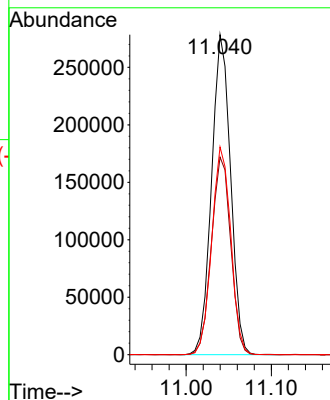
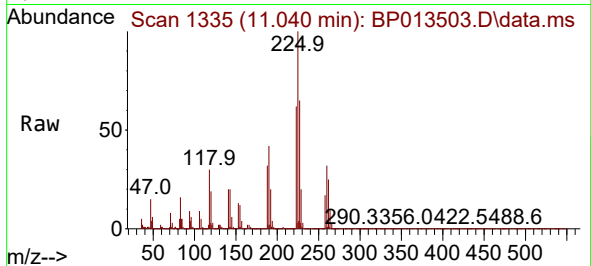




#33
Hexachlorobutadiene
Concen: 24.151 ng/ul
RT: 11.040 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BP013503.D
Acq: 17 Jan 2023 20:14

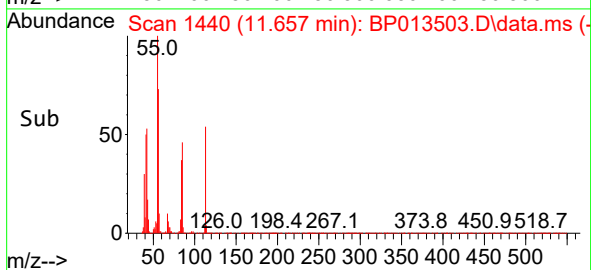
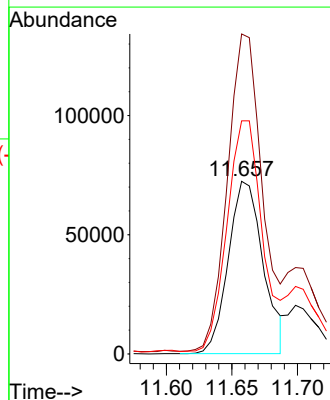
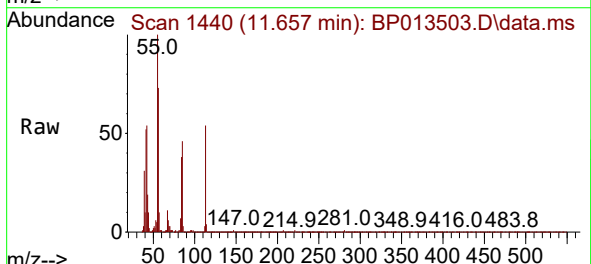
Instrument :
BNA_P
ClientSampleId :

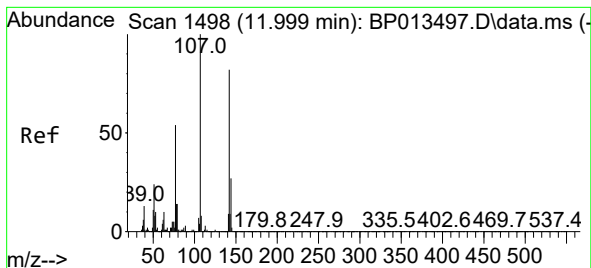
Tgt Ion:225 Resp: 432240
Ion Ratio Lower Upper
225 100
223 61.7 48.8 73.2
227 64.9 50.6 76.0



#34
Caprolactam
Concen: 18.002 ng/ul
RT: 11.657 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BP013503.D
Acq: 17 Jan 2023 20:14

Tgt Ion:113 Resp: 133483
Ion Ratio Lower Upper
113 100
55 185.3 156.4 234.6
56 135.0 117.1 175.7

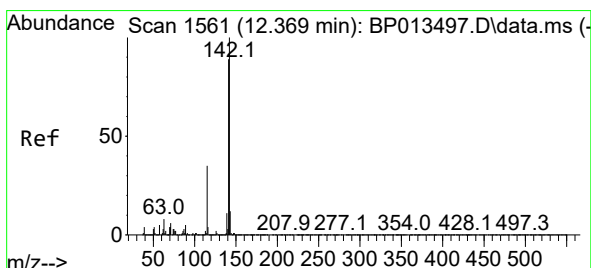
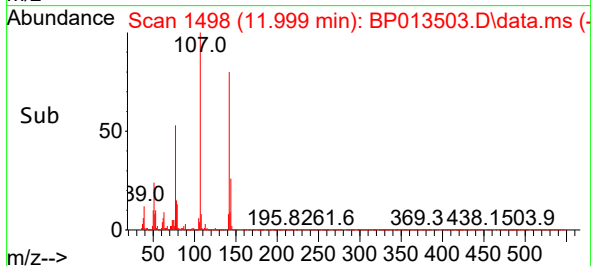
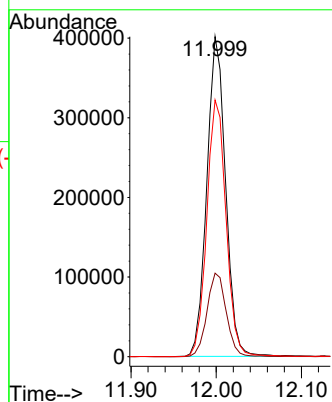
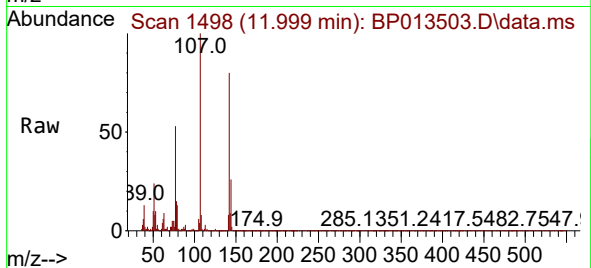




#35
4-Chloro-3-methylphenol
Concen: 25.536 ng/ul
RT: 11.999 min Scan# 1498
Delta R.T. 0.000 min
Lab File: BP013503.D
Acq: 17 Jan 2023 20:14

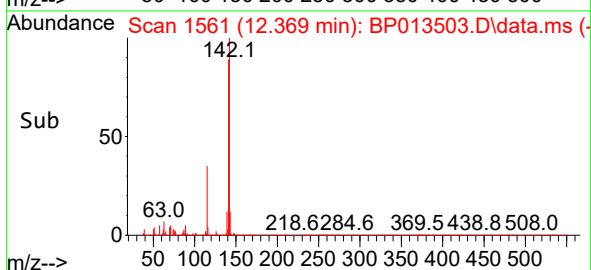
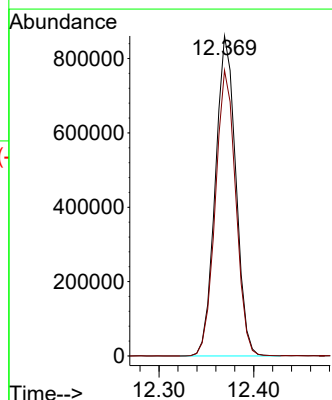
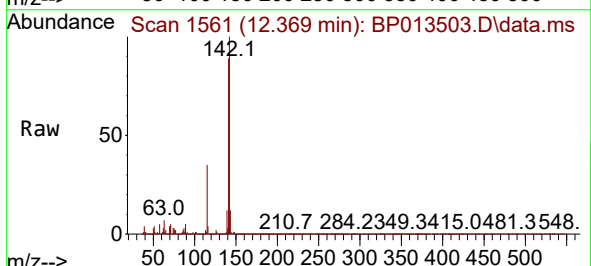
Instrument :
BNA_P
ClientSampleId :

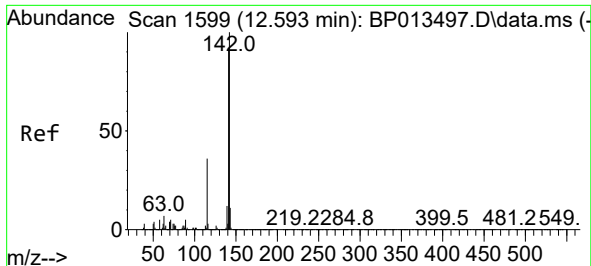
Tgt Ion:107 Resp: 614268
Ion Ratio Lower Upper
107 100
144 26.1 21.0 31.6
142 80.2 64.8 97.2



#36
2-Methylnaphthalene
Concen: 23.665 ng/ul
RT: 12.369 min Scan# 1561
Delta R.T. 0.000 min
Lab File: BP013503.D
Acq: 17 Jan 2023 20:14

Tgt Ion:142 Resp: 1291259
Ion Ratio Lower Upper
142 100
141 89.3 69.7 104.5

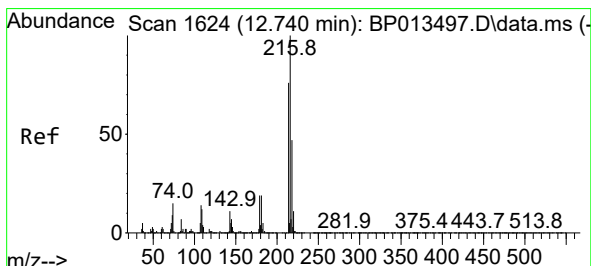
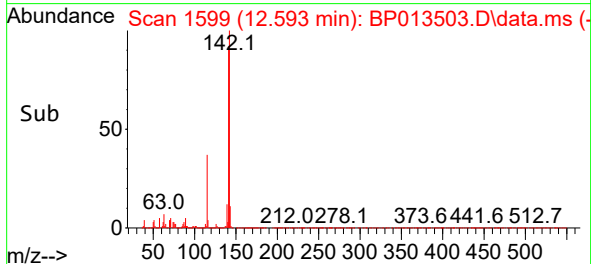
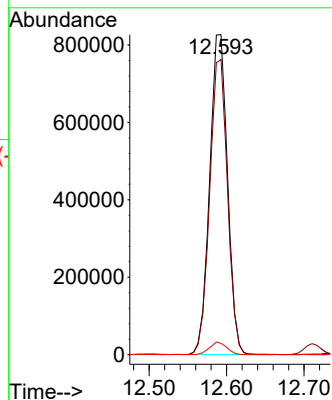
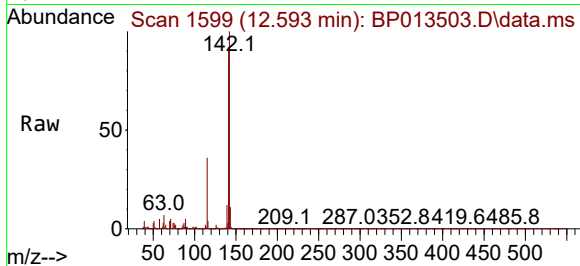




#37
1-Methylnaphthalene
Concen: 23.355 ng/ul
RT: 12.593 min Scan# 1599
Delta R.T. 0.000 min
Lab File: BP013503.D
Acq: 17 Jan 2023 20:14

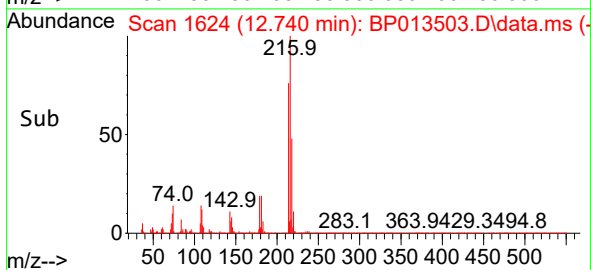
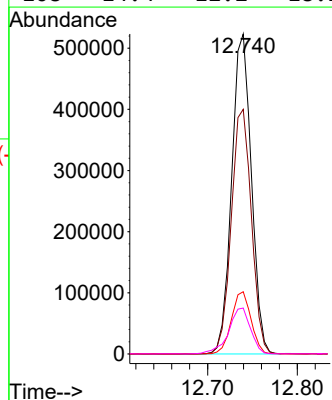
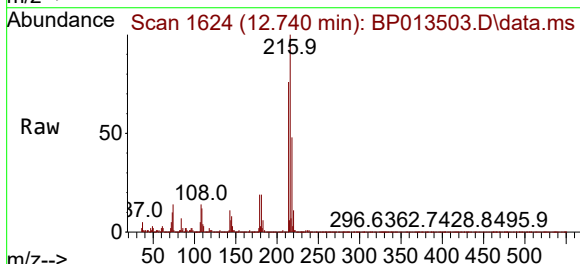
Instrument :
BNA_P
ClientSampleId :

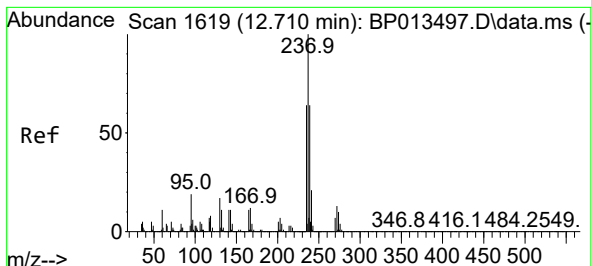
Tgt Ion:142 Resp: 1321821
Ion Ratio Lower Upper
142 100
141 92.3 74.2 111.4
116 3.6 3.0 4.4



#39
1,2,4,5-Tetrachlorobenzene
Concen: 23.263 ng/ul
RT: 12.740 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BP013503.D
Acq: 17 Jan 2023 20:14

Tgt Ion:216 Resp: 795925
Ion Ratio Lower Upper
216 100
214 76.5 62.8 94.2
179 19.5 15.1 22.7
108 14.4 12.2 18.2





#40

Hexachlorocyclopentadiene

Concen: 19.148 ng/ul

RT: 12.710 min Scan# 1619

Delta R.T. 0.000 min

Lab File: BP013503.D

Acq: 17 Jan 2023 20:14

Instrument :

BNA_P

ClientSampleId :

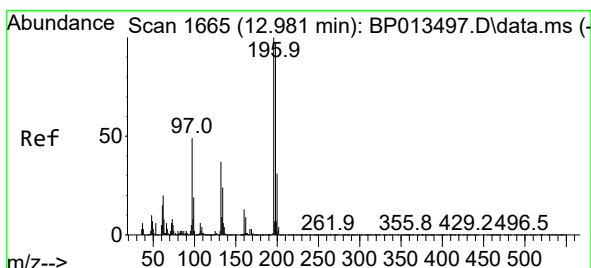
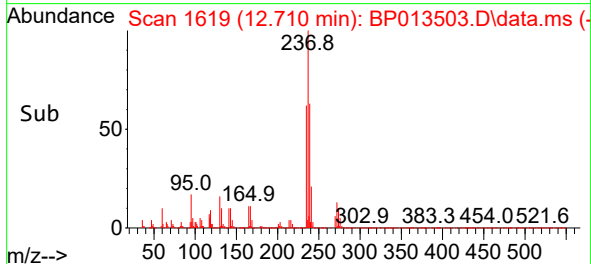
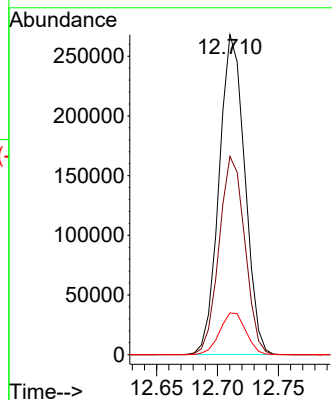
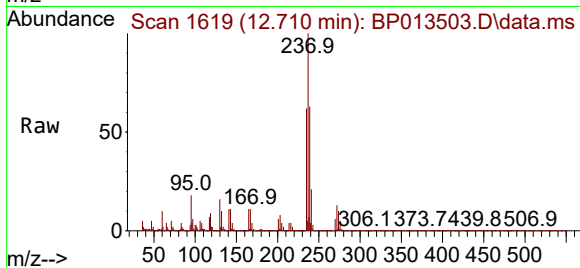
Tgt Ion:237 Resp: 394112

Ion Ratio Lower Upper

237 100

235 61.9 50.8 76.2

272 13.1 11.5 17.3



#41

2,4,6-Trichlorophenol

Concen: 26.319 ng/ul

RT: 12.981 min Scan# 1665

Delta R.T. 0.000 min

Lab File: BP013503.D

Acq: 17 Jan 2023 20:14

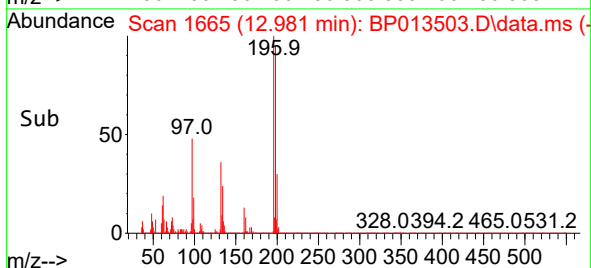
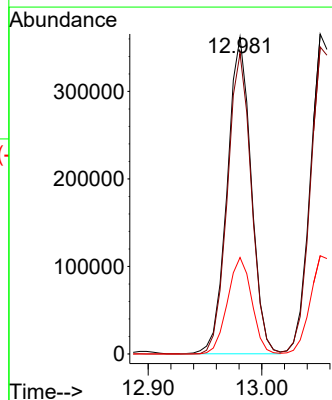
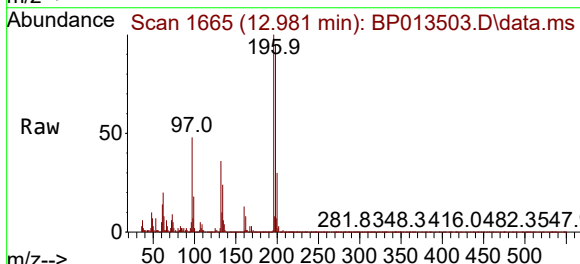
Tgt Ion:196 Resp: 529693

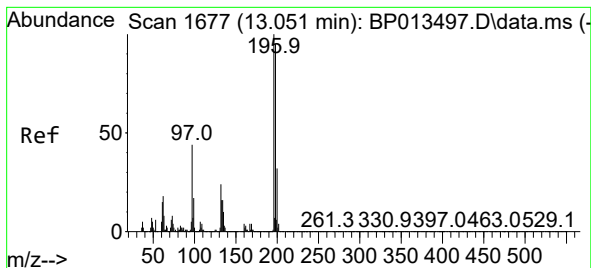
Ion Ratio Lower Upper

196 100

198 94.8 77.9 116.9

200 30.5 25.6 38.4





#42

2,4,5-Trichlorophenol

Concen: 25.672 ng/ul

RT: 13.051 min Scan# 1677

Delta R.T. 0.000 min

Lab File: BP013503.D

Acq: 17 Jan 2023 20:14

Instrument :

BNA_P

ClientSampleId :

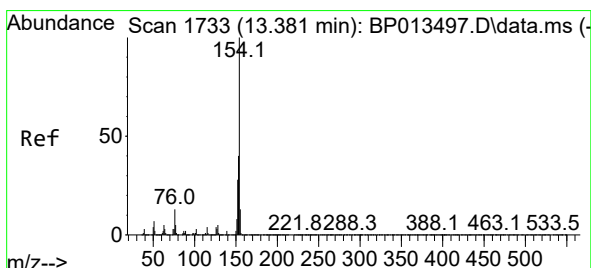
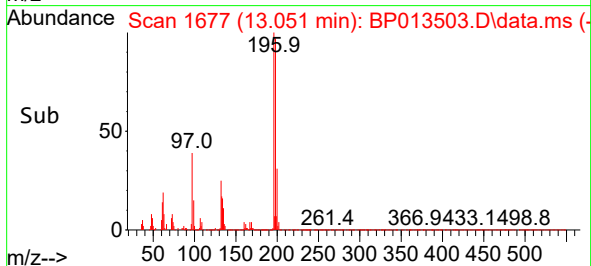
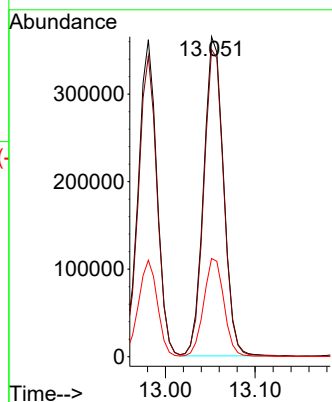
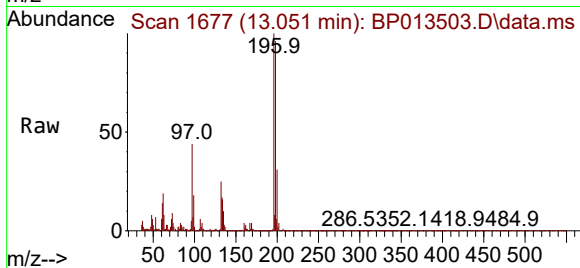
Tgt Ion:196 Resp: 562271

Ion Ratio Lower Upper

196 100

198 96.0 76.0 114.0

200 30.7 24.4 36.6



#43

1,1'-Biphenyl

Concen: 23.920 ng/ul

RT: 13.381 min Scan# 1733

Delta R.T. 0.000 min

Lab File: BP013503.D

Acq: 17 Jan 2023 20:14

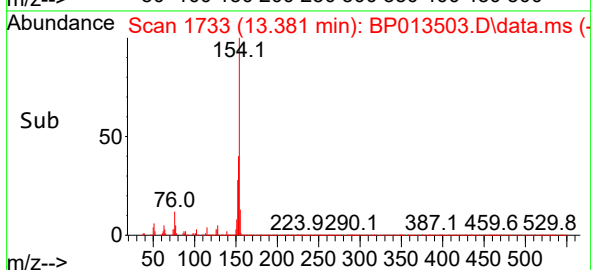
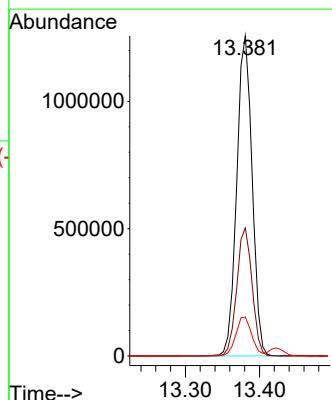
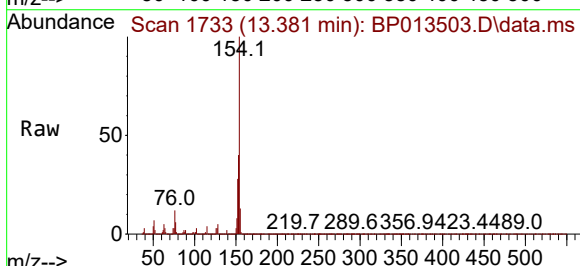
Tgt Ion:154 Resp: 1812326

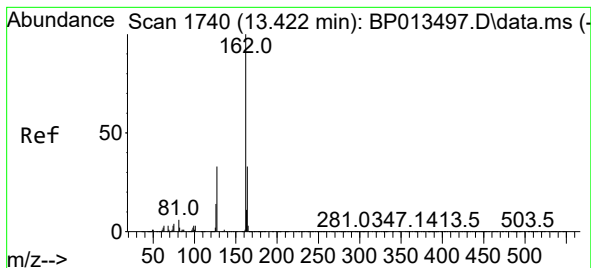
Ion Ratio Lower Upper

154 100

153 40.0 31.9 47.9

76 12.2 10.3 15.5





#44

2-Chloronaphthalene

Concen: 22.955 ng/ul

RT: 13.422 min Scan# 1740

Delta R.T. 0.000 min

Lab File: BP013503.D

Acq: 17 Jan 2023 20:14

Instrument :

BNA_P

ClientSampleId :

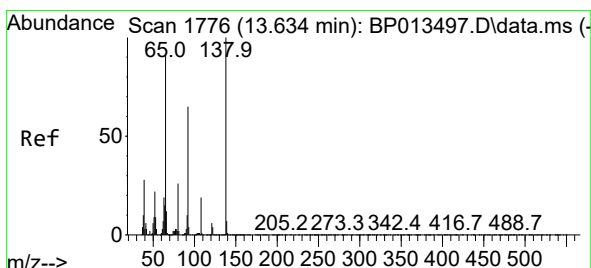
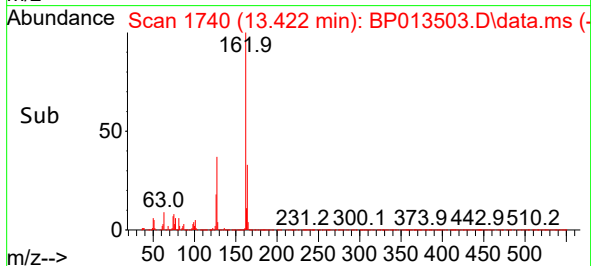
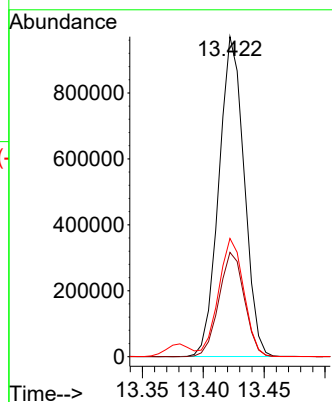
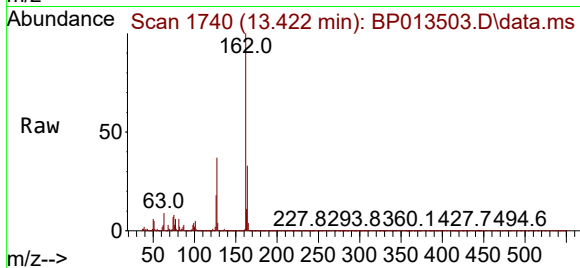
Tgt Ion:162 Resp: 1403466

Ion Ratio Lower Upper

162 100

164 32.6 26.4 39.6

127 37.0 28.9 43.3



#45

2-Nitroaniline

Concen: 26.605 ng/ul

RT: 13.634 min Scan# 1776

Delta R.T. 0.000 min

Lab File: BP013503.D

Acq: 17 Jan 2023 20:14

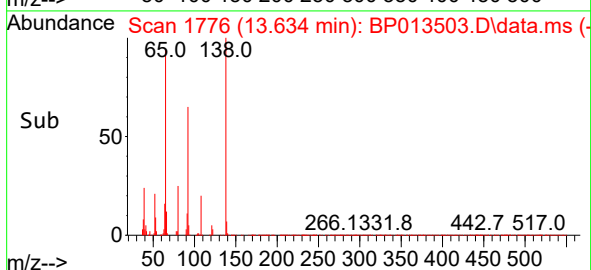
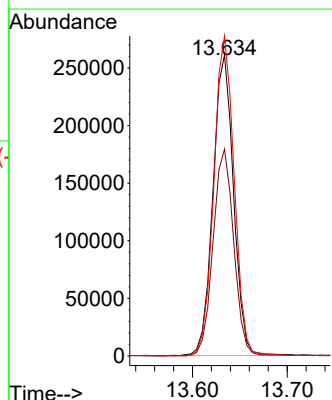
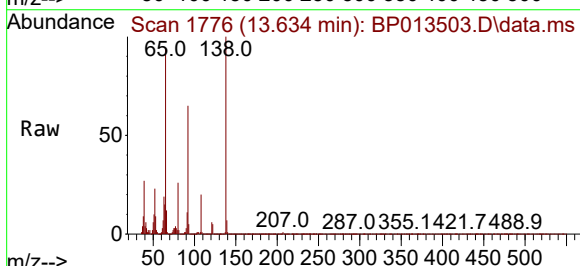
Tgt Ion: 65 Resp: 393632

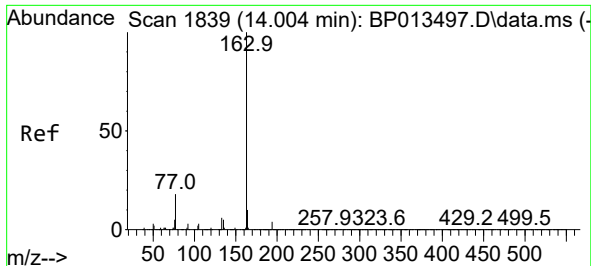
Ion Ratio Lower Upper

65 100

92 68.7 53.5 80.3

138 106.3 79.4 119.0

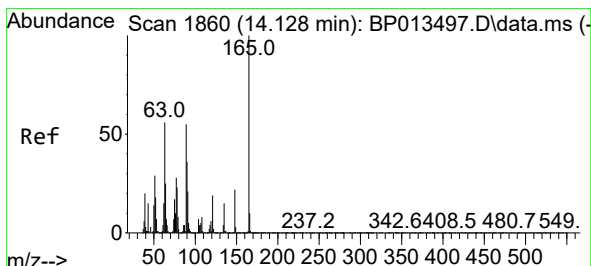
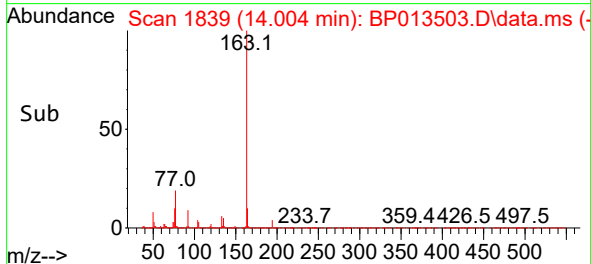
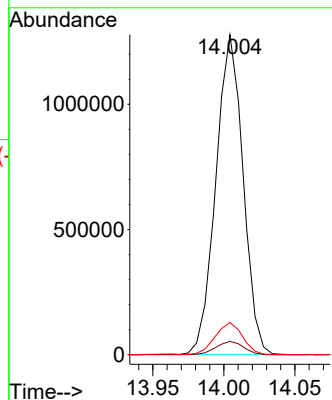
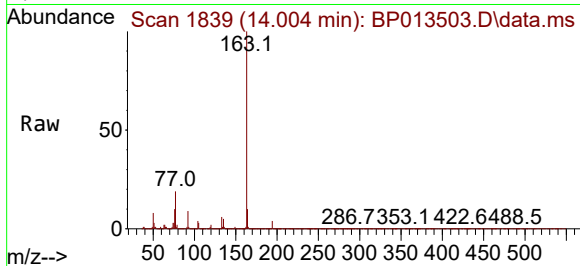




#47
Dimethylphthalate
Concen: 23.364 ng/ul
RT: 14.004 min Scan# 1839
Delta R.T. 0.000 min
Lab File: BP013503.D
Acq: 17 Jan 2023 20:14

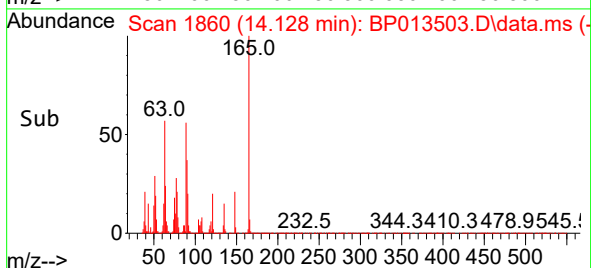
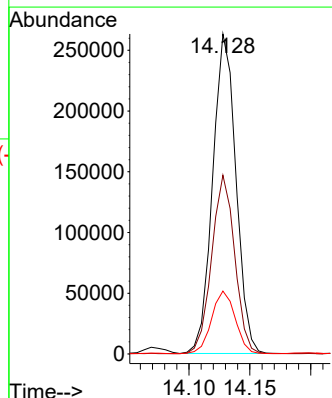
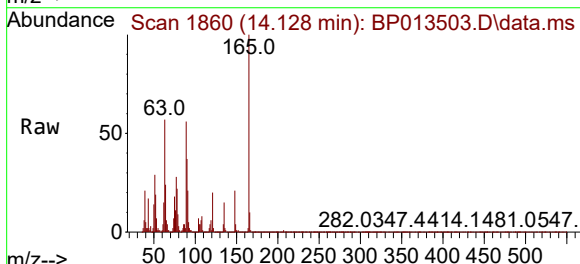
Instrument :
BNA_P
ClientSampleId :

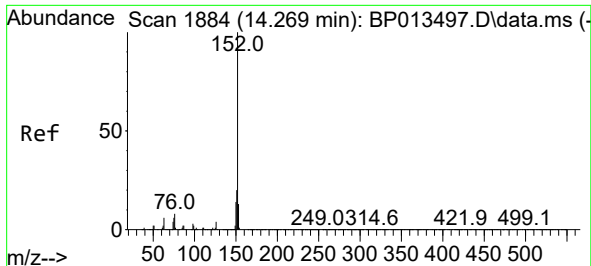
Tgt Ion:163 Resp: 1697159
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.2
164 10.1 7.8 11.8



#48
2,6-Dinitrotoluene
Concen: 27.810 ng/ul
RT: 14.128 min Scan# 1860
Delta R.T. 0.000 min
Lab File: BP013503.D
Acq: 17 Jan 2023 20:14

Tgt Ion:165 Resp: 349823
Ion Ratio Lower Upper
165 100
89 55.9 47.1 70.7
121 19.7 17.3 25.9

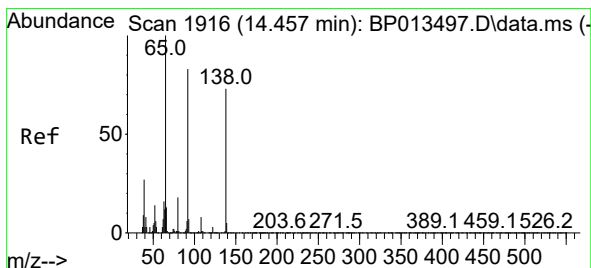
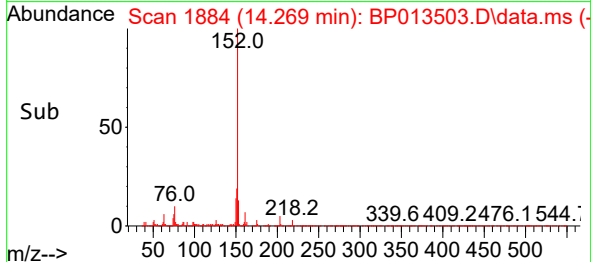
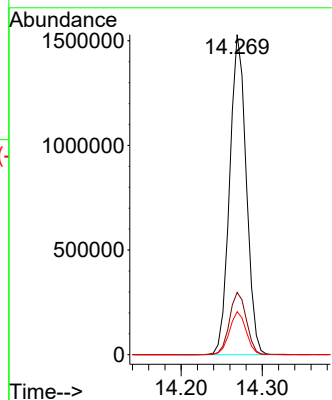
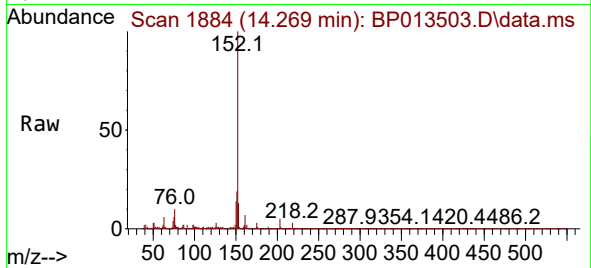




#50
Acenaphthylene
Concen: 24.398 ng/ul
RT: 14.269 min Scan# 1884
Delta R.T. 0.000 min
Lab File: BP013503.D
Acq: 17 Jan 2023 20:14

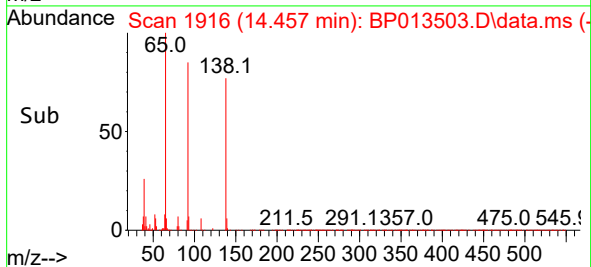
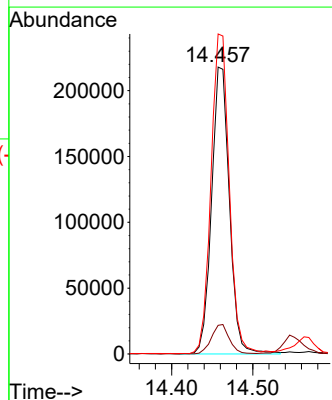
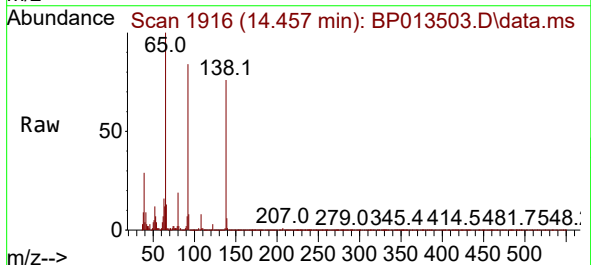
Instrument :
BNA_P
ClientSampleId :

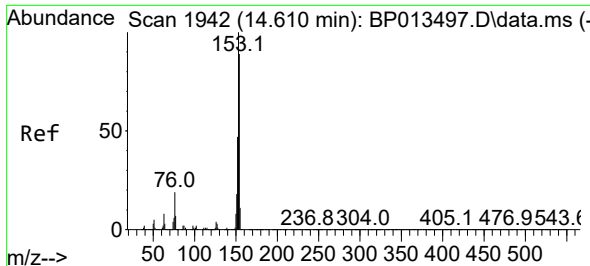
Tgt Ion:152 Resp: 2164067
Ion Ratio Lower Upper
152 100
151 19.5 15.8 23.8
153 13.4 10.3 15.5



#51
3-Nitroaniline
Concen: 24.941 ng/ul
RT: 14.457 min Scan# 1916
Delta R.T. 0.000 min
Lab File: BP013503.D
Acq: 17 Jan 2023 20:14

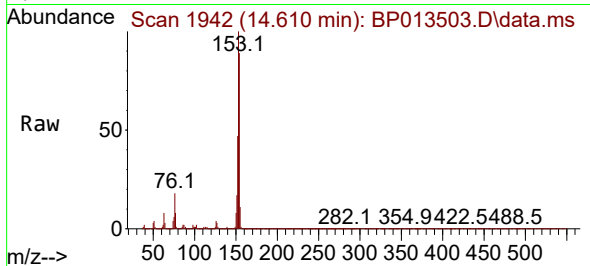
Tgt Ion:138 Resp: 332305
Ion Ratio Lower Upper
138 100
108 10.0 8.6 12.8
92 111.5 95.0 142.4



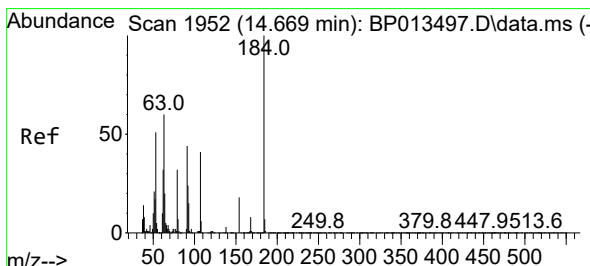
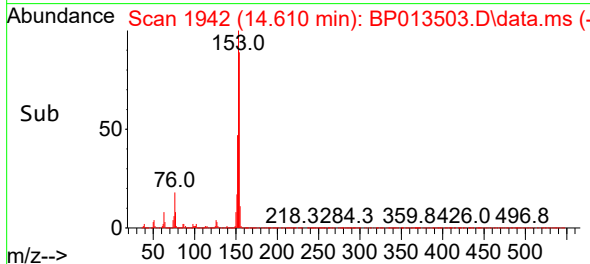
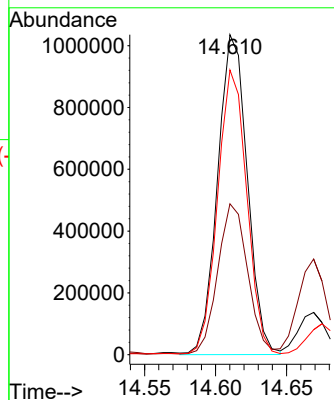


#52
Acenaphthene
Concen: 23.738 ng/ul
RT: 14.610 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BP013503.D
Acq: 17 Jan 2023 20:14

Instrument :
BNA_P
ClientSampleId :

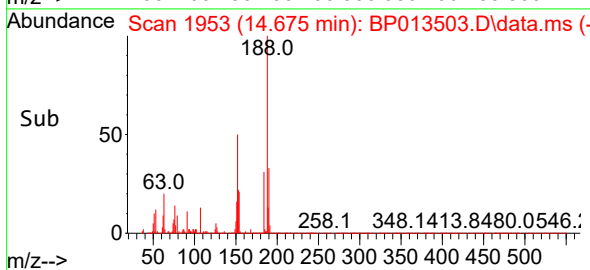
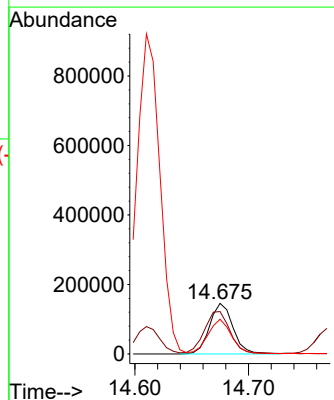
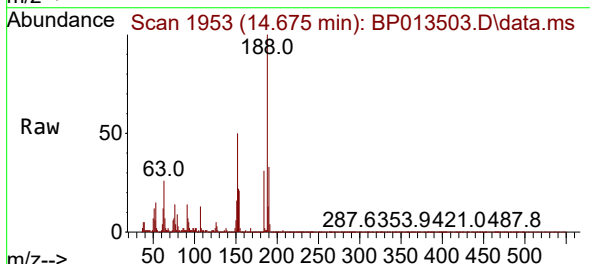


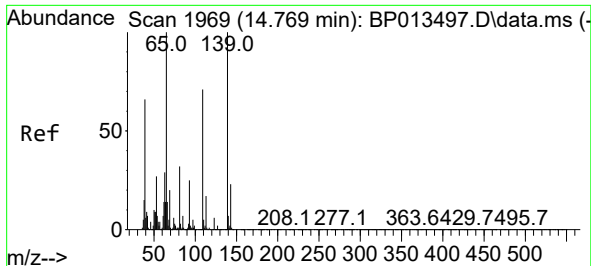
Tgt Ion:153 Resp: 1506967
Ion Ratio Lower Upper
153 100
152 47.2 38.4 57.6
154 88.9 70.6 106.0



#53
2,4-Dinitrophenol
Concen: 22.274 ng/ul
RT: 14.675 min Scan# 1953
Delta R.T. 0.006 min
Lab File: BP013503.D
Acq: 17 Jan 2023 20:14

Tgt Ion:184 Resp: 208559
Ion Ratio Lower Upper
184 100
63 83.9 54.3 81.5#
154 68.7 49.1 73.7

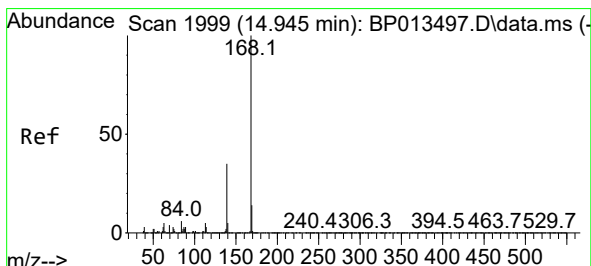
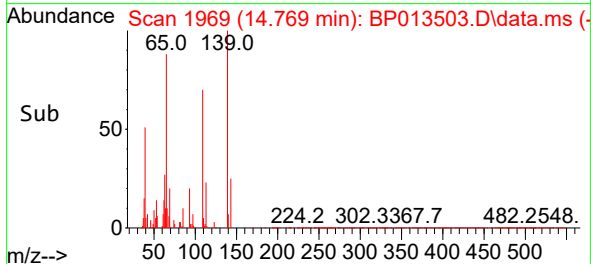
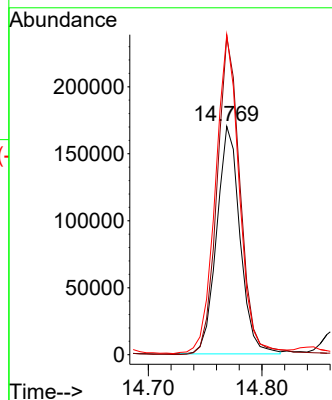
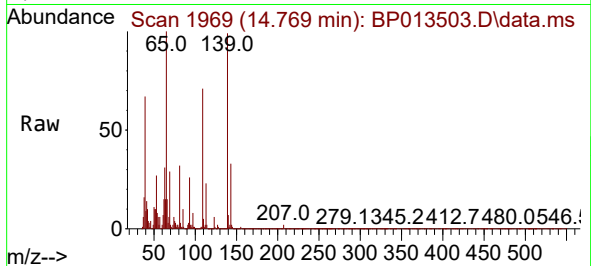




#55
4-Nitrophenol
Concen: 23.905 ng/ul
RT: 14.769 min Scan# 1969
Delta R.T. 0.000 min
Lab File: BP013503.D
Acq: 17 Jan 2023 20:14

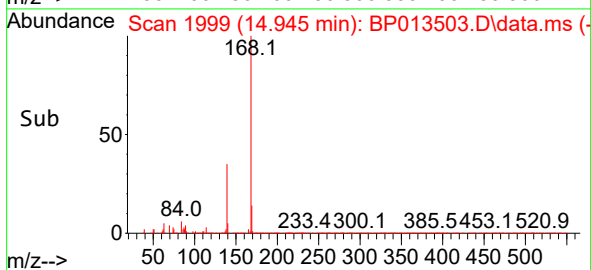
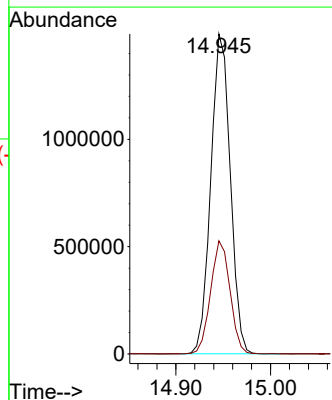
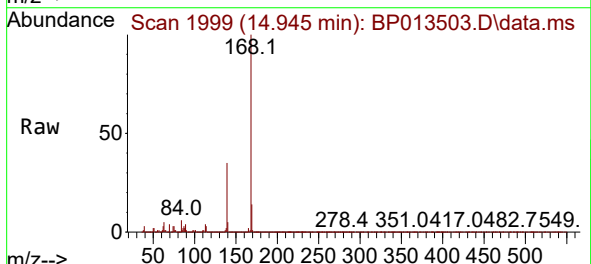
Instrument :
BNA_P
ClientSampleId :

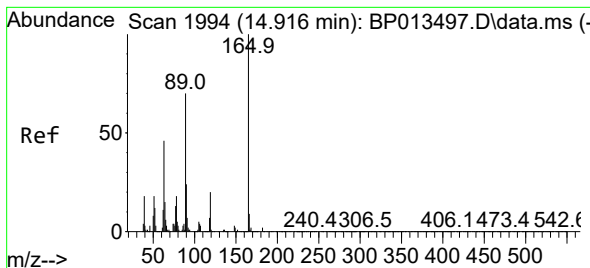
Tgt Ion:109 Resp: 241812
Ion Ratio Lower Upper
109 100
139 139.2 109.2 163.8
65 140.1 116.6 174.8



#56
Dibenzofuran
Concen: 23.303 ng/ul
RT: 14.945 min Scan# 1999
Delta R.T. 0.000 min
Lab File: BP013503.D
Acq: 17 Jan 2023 20:14

Tgt Ion:168 Resp: 2124720
Ion Ratio Lower Upper
168 100
139 35.3 27.4 41.2





#57

2,4-Dinitrotoluene

Concen: 27.520 ng/ul

RT: 14.928 min Scan# 1996

Delta R.T. 0.012 min

Lab File: BP013503.D

Acq: 17 Jan 2023 20:14

Instrument :

BNA_P

ClientSampleId :

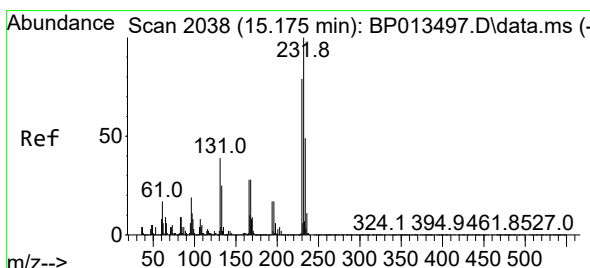
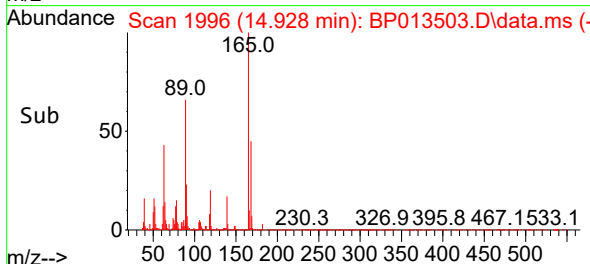
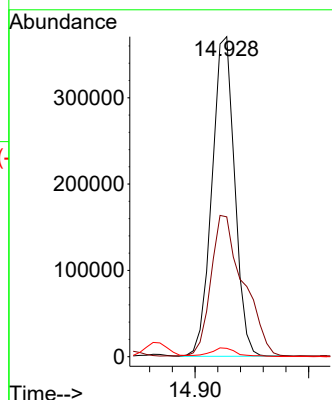
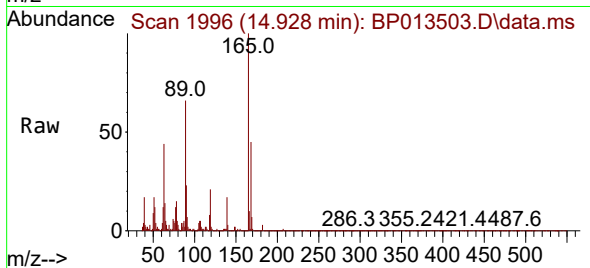
Tgt Ion:165 Resp: 514575

Ion Ratio Lower Upper

165 100

63 43.7 37.3 55.9

182 2.6 2.0 3.0



#58

2,3,4,6-Tetrachlorophenol

Concen: 26.334 ng/ul

RT: 15.175 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BP013503.D

Acq: 17 Jan 2023 20:14

Tgt Ion:232 Resp: 503135

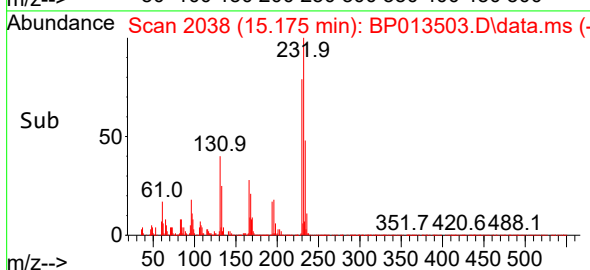
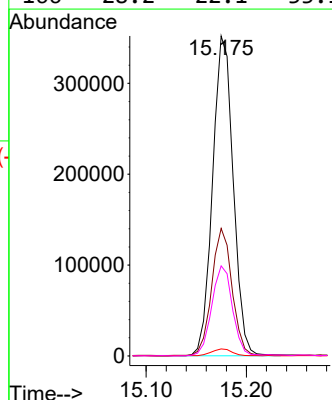
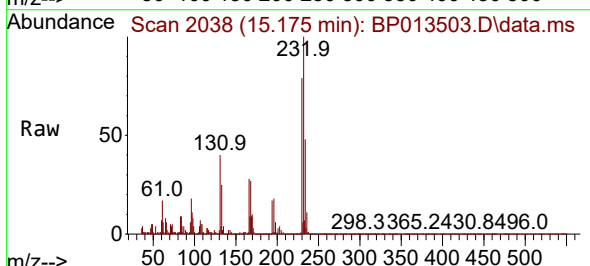
Ion Ratio Lower Upper

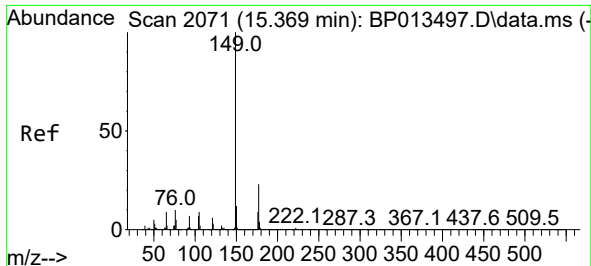
232 100

131 39.8 30.7 46.1

130 2.2 1.7 2.5

166 28.2 22.1 33.1

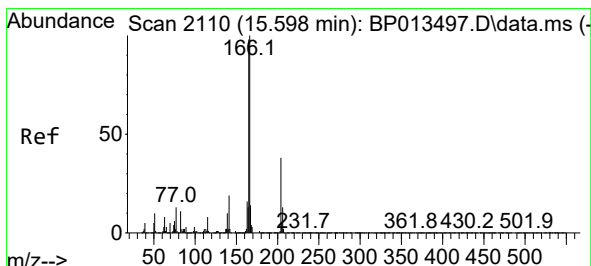
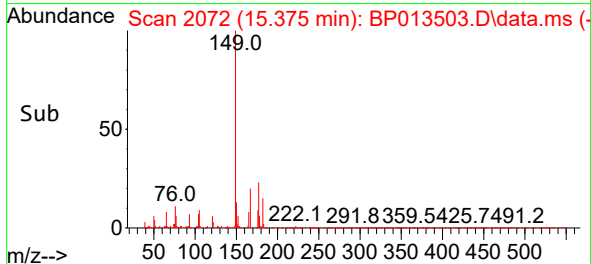
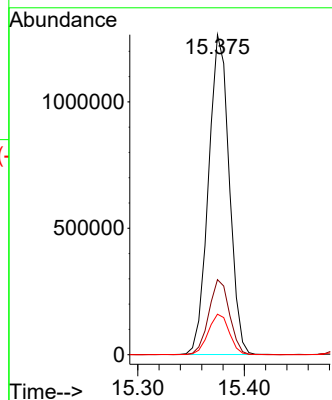
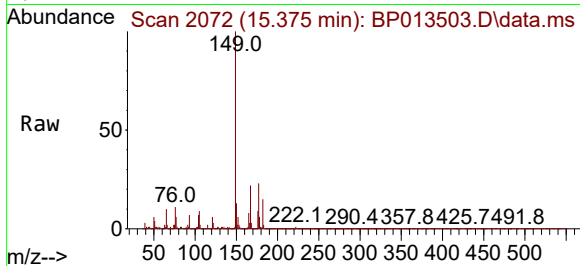




#59
Diethylphthalate
Concen: 25.152 ng/ul
RT: 15.375 min Scan# 2071
Delta R.T. 0.006 min
Lab File: BP013503.D
Acq: 17 Jan 2023 20:14

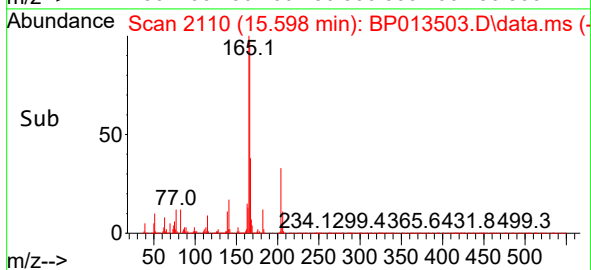
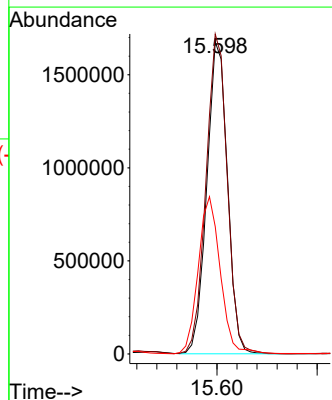
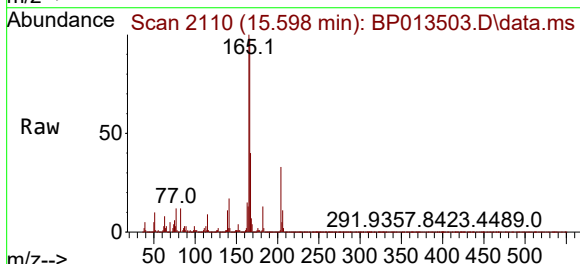
Instrument :
BNA_P
ClientSampleId :

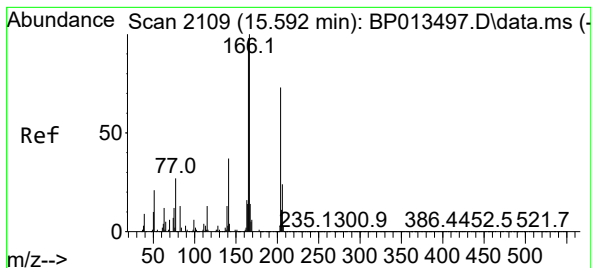
Tgt Ion:149 Resp: 1710126
Ion Ratio Lower Upper
149 100
177 23.5 18.9 28.3
150 12.6 9.9 14.9



#61
Fluorene
Concen: 33.025 ng/ul
RT: 15.598 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BP013503.D
Acq: 17 Jan 2023 20:14

Tgt Ion:166 Resp: 2403531
Ion Ratio Lower Upper
166 100
165 102.5 78.0 117.0
167 40.8 10.8 16.2#

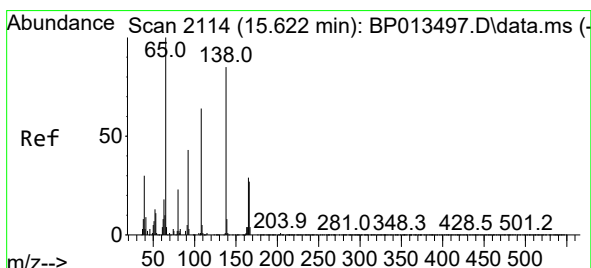
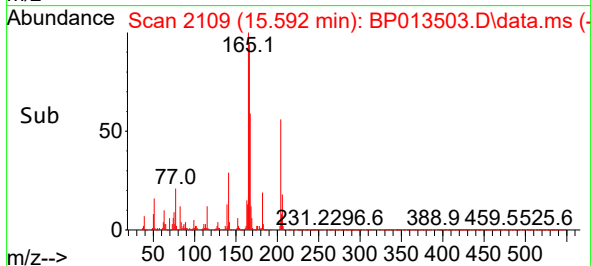
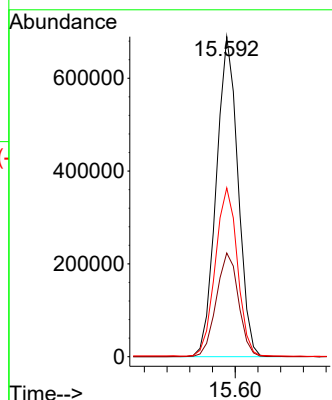
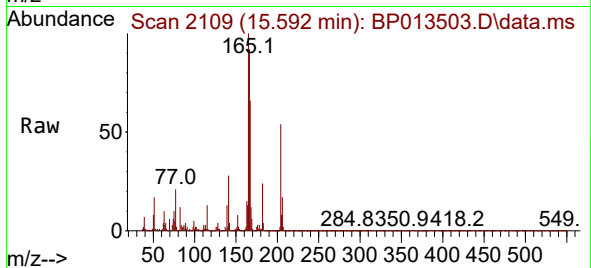




#62
4-Chlorophenyl-phenylether
Concen: 24.057 ng/ul
RT: 15.592 min Scan# 2109
Delta R.T. 0.000 min
Lab File: BP013503.D
Acq: 17 Jan 2023 20:14

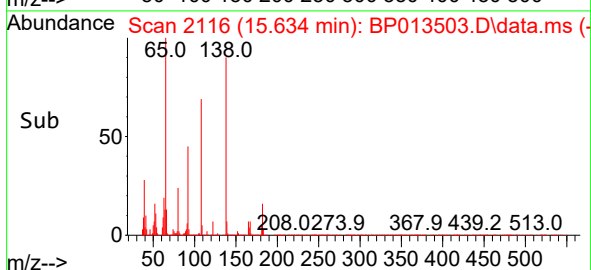
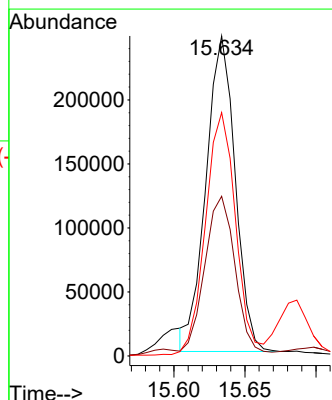
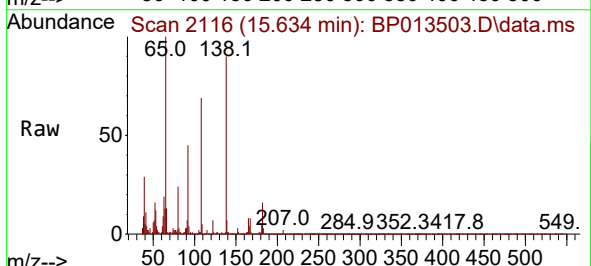
Instrument :
BNA_P
ClientSampleId :

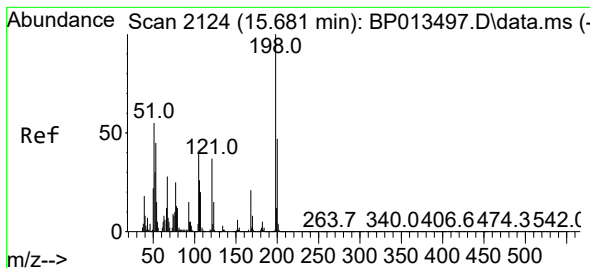
Tgt Ion:204 Resp: 914320
Ion Ratio Lower Upper
204 100
206 32.4 26.2 39.2
141 52.7 39.3 58.9



#63
4-Nitroaniline
Concen: 28.600 ng/ul
RT: 15.634 min Scan# 2116
Delta R.T. 0.012 min
Lab File: BP013503.D
Acq: 17 Jan 2023 20:14

Tgt Ion:138 Resp: 352315
Ion Ratio Lower Upper
138 100
92 49.9 43.1 64.7
108 76.0 63.6 95.4

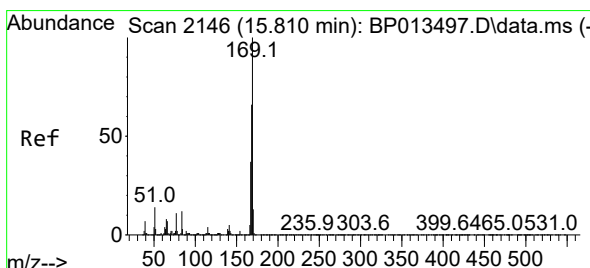
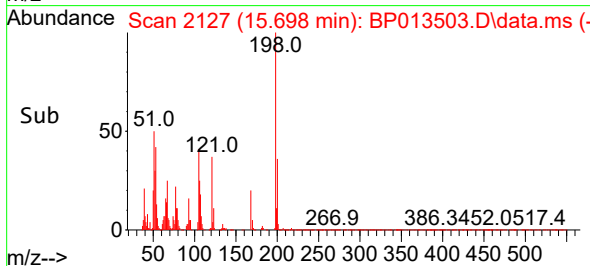
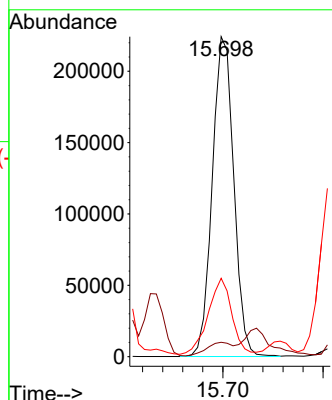
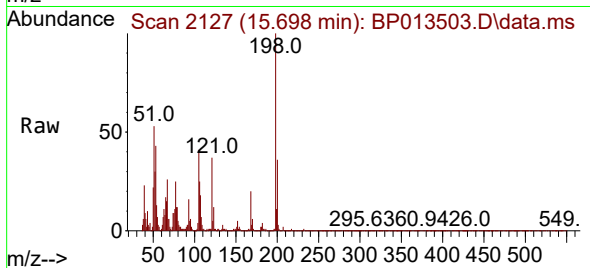




#66
4,6-Dinitro-2-methylphenol
Concen: 20.591 ng/ul
RT: 15.698 min Scan# 2127
Delta R.T. 0.018 min
Lab File: BP013503.D
Acq: 17 Jan 2023 20:14

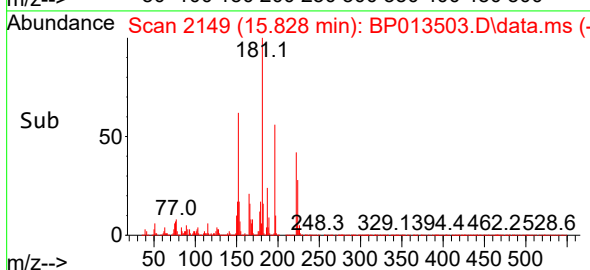
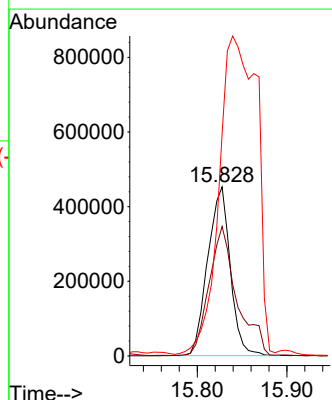
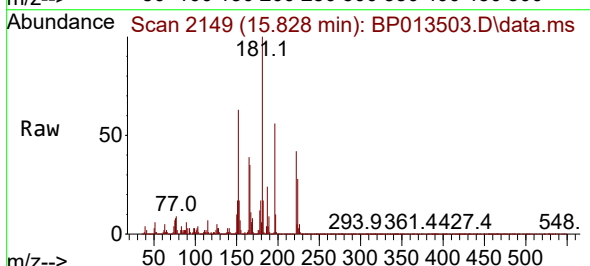
Instrument :
BNA_P
ClientSampleId :

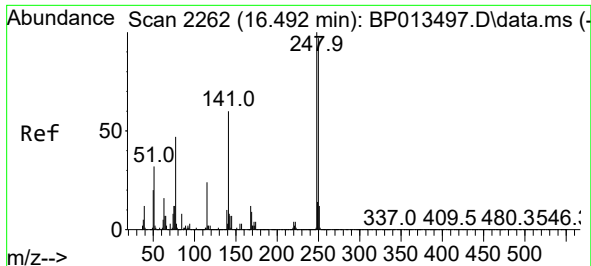
Tgt Ion:198 Resp: 332910
Ion Ratio Lower Upper
198 100
182 4.5 4.8 7.2#
77 24.5 18.9 28.3



#67
N-Nitrosodiphenylamine
Concen: 11.262 ng/ul
RT: 15.828 min Scan# 2149
Delta R.T. 0.018 min
Lab File: BP013503.D
Acq: 17 Jan 2023 20:14

Tgt Ion:169 Resp: 786772
Ion Ratio Lower Upper
169 100
168 76.6 52.9 79.3
167 131.6 29.3 43.9#

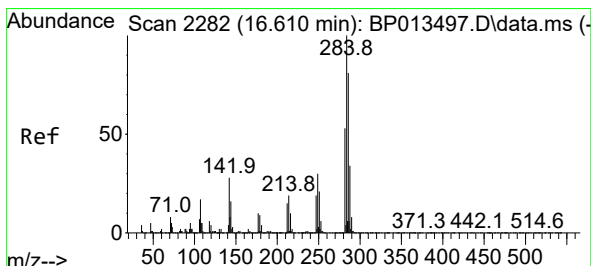
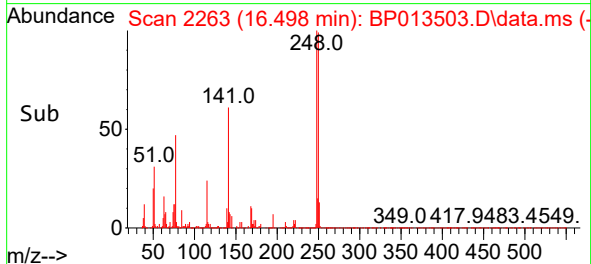
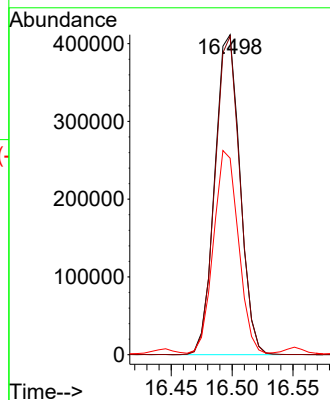
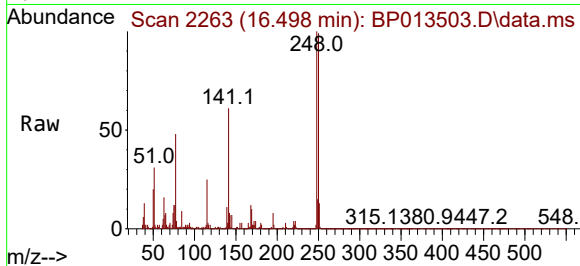




#68
4-Bromophenyl-phenylether
Concen: 22.162 ng/ul
RT: 16.498 min Scan# 2263
Delta R.T. 0.006 min
Lab File: BP013503.D
Acq: 17 Jan 2023 20:14

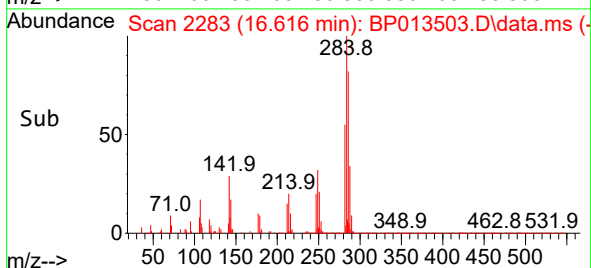
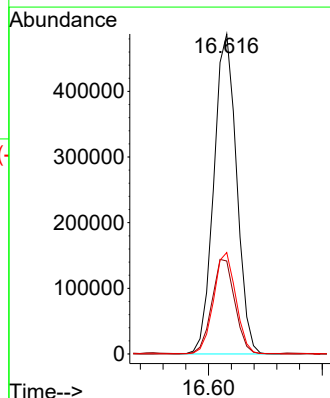
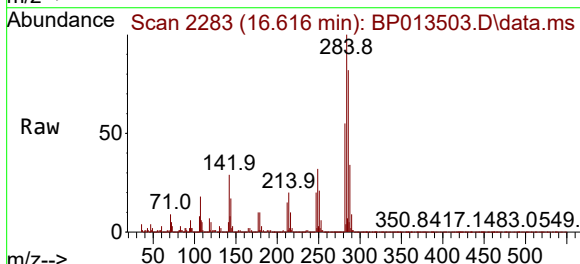
Instrument :
BNA_P
ClientSampleId :

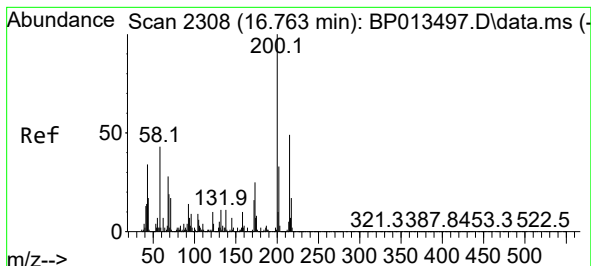
Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.5	78.5	117.7
141	61.4	53.0	79.4



#69
Hexachlorobenzene
Concen: 21.018 ng/ul
RT: 16.616 min Scan# 2283
Delta R.T. 0.006 min
Lab File: BP013503.D
Acq: 17 Jan 2023 20:14

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.0	24.8	37.2
249	31.7	24.1	36.1





#70

Atrazine

Concen: 22.833 ng/ul

RT: 16.769 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP013503.D

Acq: 17 Jan 2023 20:14

Instrument :

BNA_P

ClientSampleId :

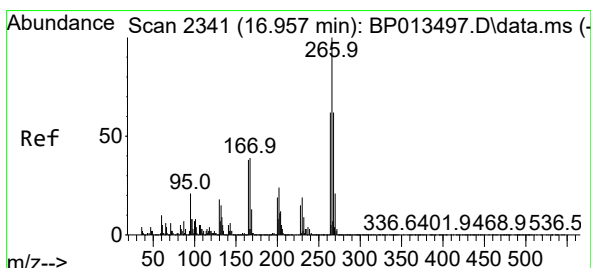
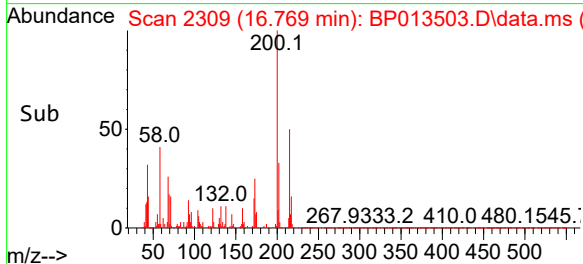
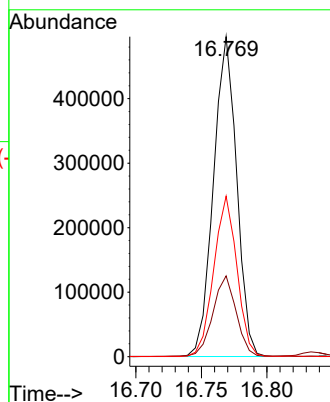
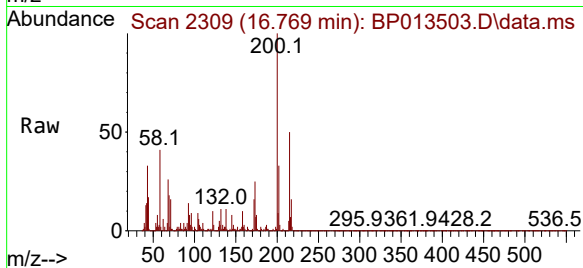
Tgt Ion:200 Resp: 609818

Ion Ratio Lower Upper

200 100

173 25.2 19.2 28.8

215 50.1 39.0 58.4



#71

Pentachlorophenol

Concen: 19.468 ng/ul

RT: 16.957 min Scan# 2341

Delta R.T. 0.000 min

Lab File: BP013503.D

Acq: 17 Jan 2023 20:14

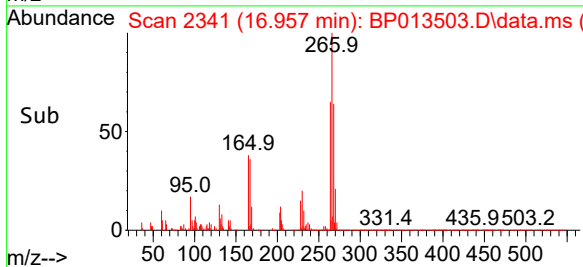
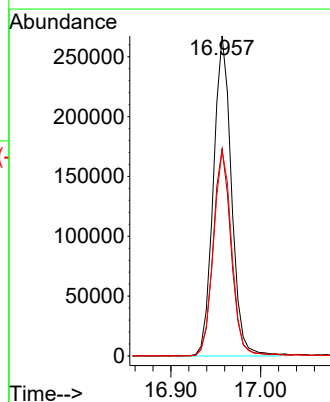
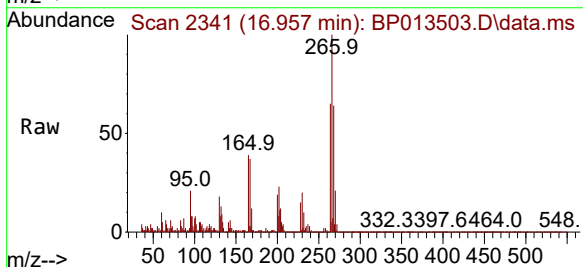
Tgt Ion:266 Resp: 373856

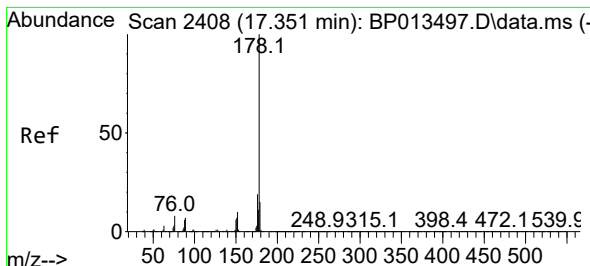
Ion Ratio Lower Upper

266 100

264 64.8 49.7 74.5

268 64.1 49.4 74.0





#72

Phenanthrene

Concen: 20.566 ng/ul

RT: 17.357 min Scan# 2409

Delta R.T. 0.006 min

Lab File: BP013503.D

Acq: 17 Jan 2023 20:14

Instrument :

BNA_P

ClientSampleId :

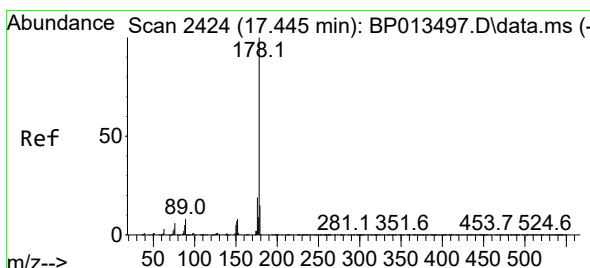
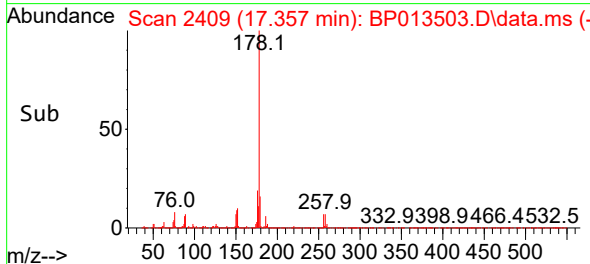
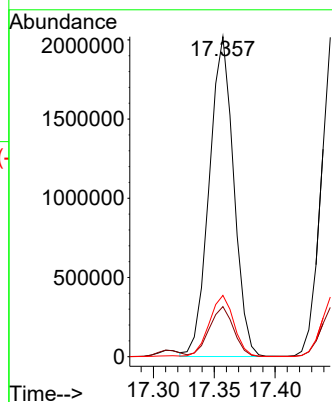
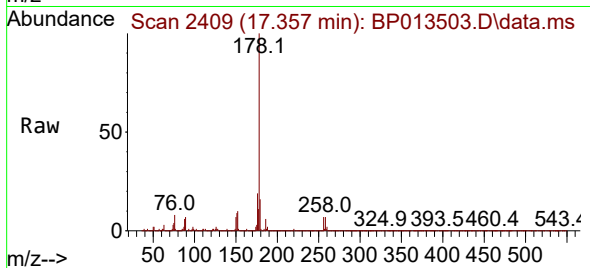
Tgt Ion:178 Resp: 2824307

Ion Ratio Lower Upper

178 100

179 15.6 12.1 18.1

176 19.2 15.4 23.0



#74

Anthracene

Concen: 21.461 ng/ul

RT: 17.451 min Scan# 2425

Delta R.T. 0.006 min

Lab File: BP013503.D

Acq: 17 Jan 2023 20:14

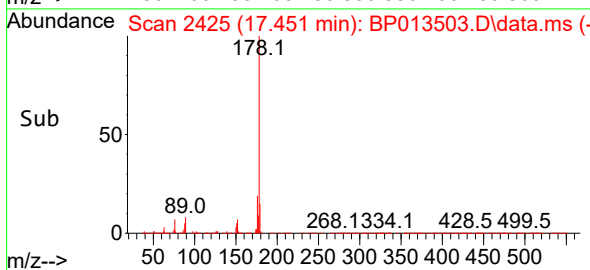
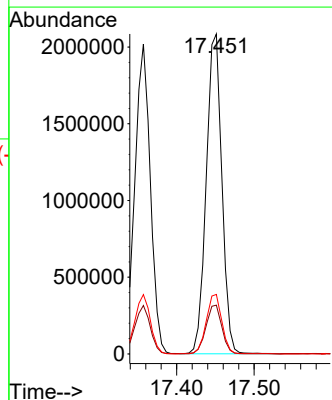
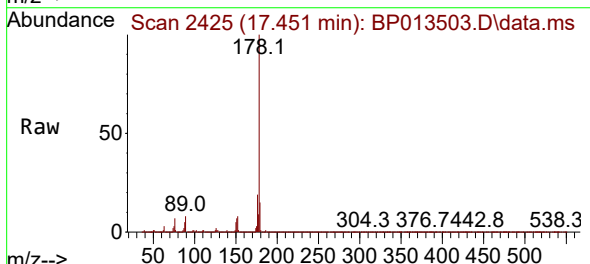
Tgt Ion:178 Resp: 2911357

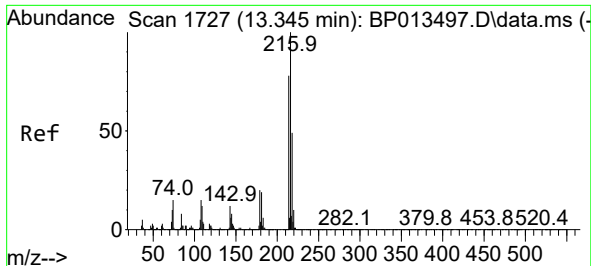
Ion Ratio Lower Upper

178 100

179 15.3 12.5 18.7

176 18.6 14.7 22.1

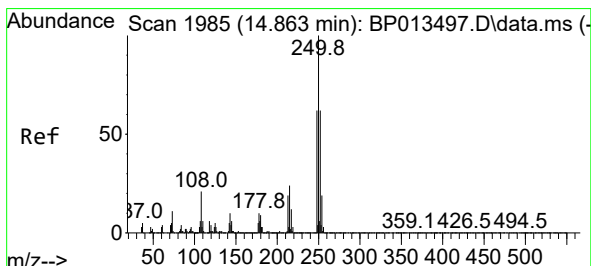
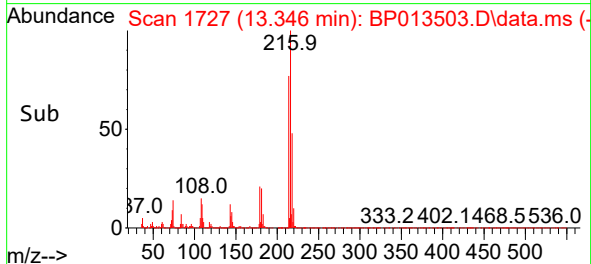
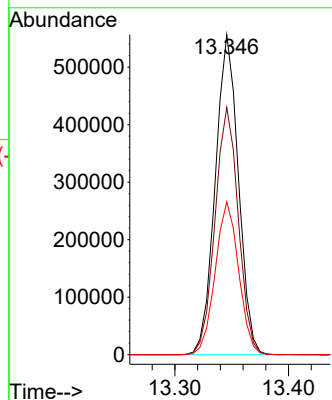
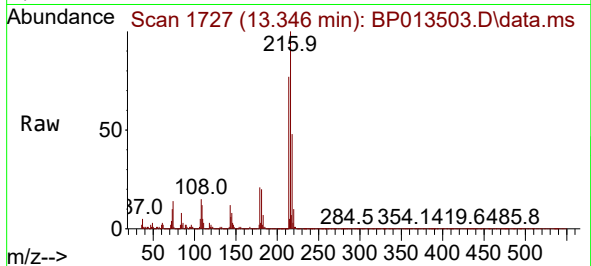




#75
1,2,3,4-Tetrachlorobenzene
Concen: 20.200 ng/uL
RT: 13.346 min Scan# 1727
Delta R.T. 0.000 min
Lab File: BP013503.D
Acq: 17 Jan 2023 20:14

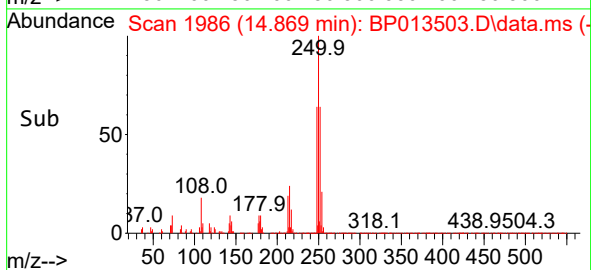
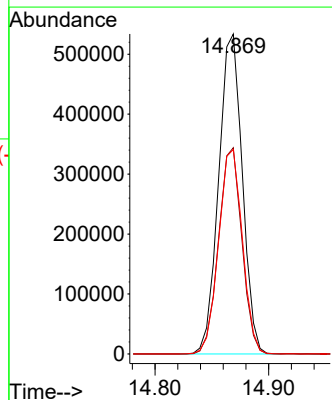
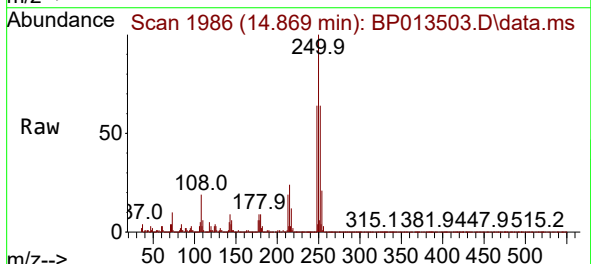
Instrument :
BNA_P
ClientSampleId :

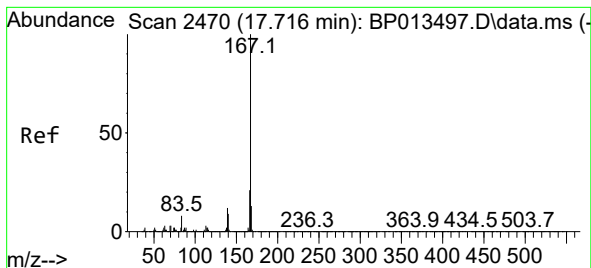
Tgt Ion:216 Resp: 788002
Ion Ratio Lower Upper
216 100
214 77.3 61.7 92.5
218 47.8 38.1 57.1



#76
Pentachlorobenzene
Concen: 20.321 ng/uL
RT: 14.869 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BP013503.D
Acq: 17 Jan 2023 20:14

Tgt Ion:250 Resp: 771800
Ion Ratio Lower Upper
250 100
248 64.5 50.0 75.0
252 63.9 51.1 76.7





#77

Carbazole

Concen: 22.685 ng/ul

RT: 17.716 min Scan# 2470

Delta R.T. 0.000 min

Lab File: BP013503.D

Acq: 17 Jan 2023 20:14

Instrument :

BNA_P

ClientSampleId :

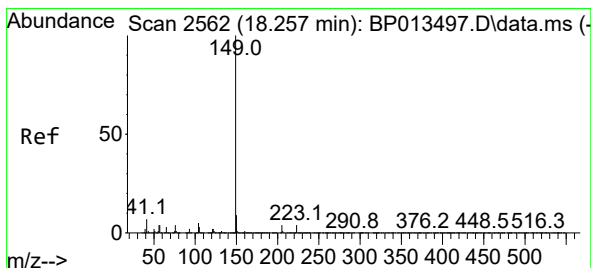
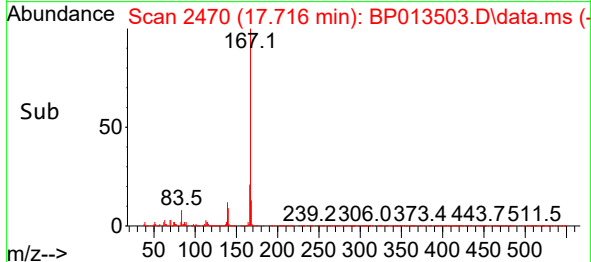
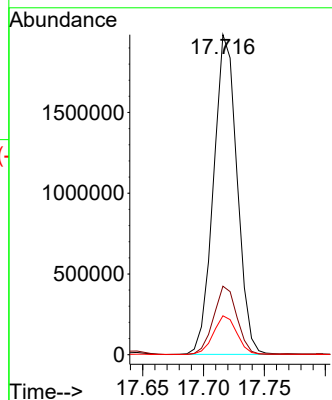
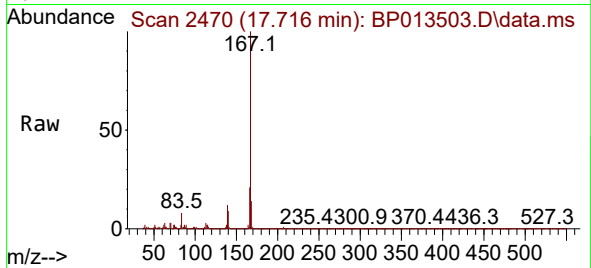
Tgt Ion:167 Resp: 2665475

Ion Ratio Lower Upper

167 100

166 21.4 17.5 26.3

139 12.1 9.8 14.6



#78

Di-n-butylphthalate

Concen: 28.461 ng/ul

RT: 18.257 min Scan# 2562

Delta R.T. 0.000 min

Lab File: BP013503.D

Acq: 17 Jan 2023 20:14

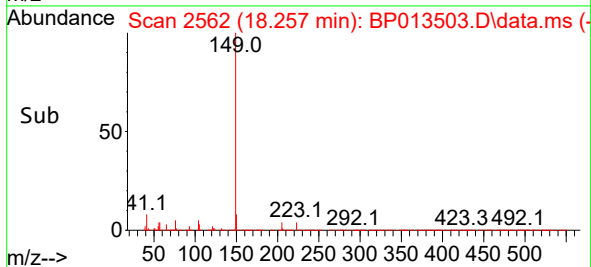
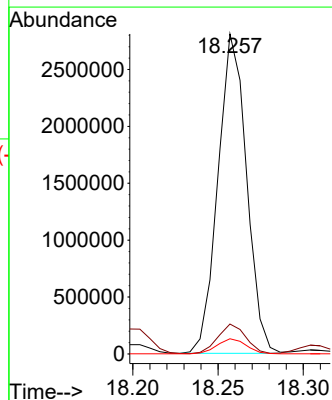
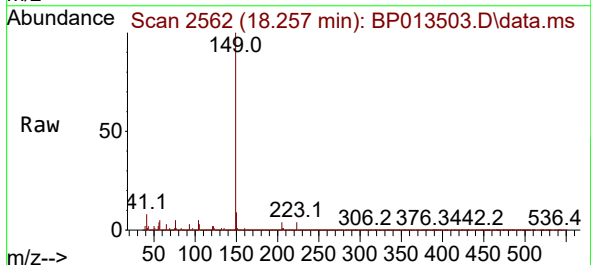
Tgt Ion:149 Resp: 3279656

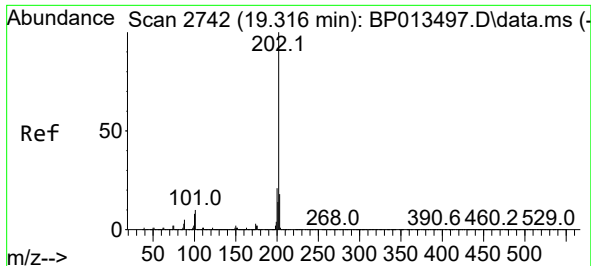
Ion Ratio Lower Upper

149 100

150 9.3 7.1 10.7

104 4.8 4.3 6.5

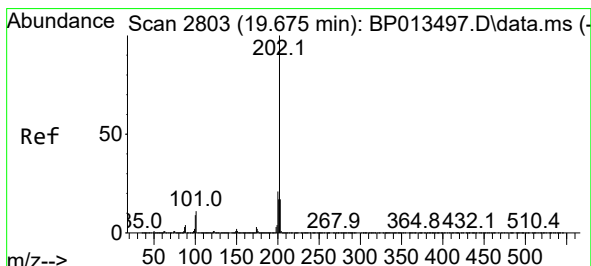
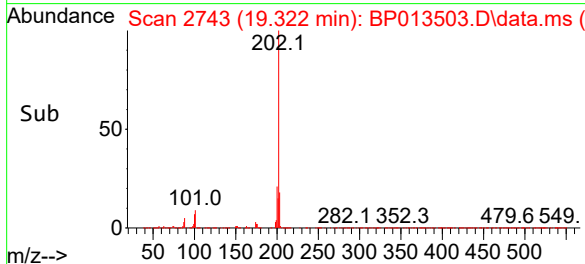
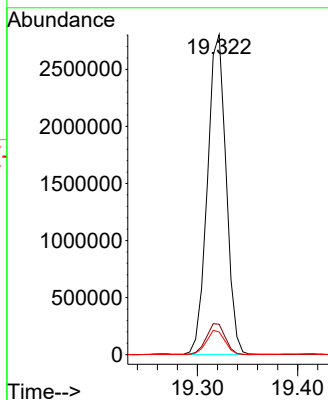
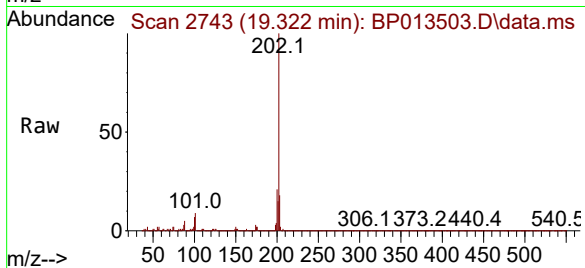




#80
Fluoranthene
Concen: 902.591 ng/ul
RT: 19.322 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP013503.D
Acq: 17 Jan 2023 20:14

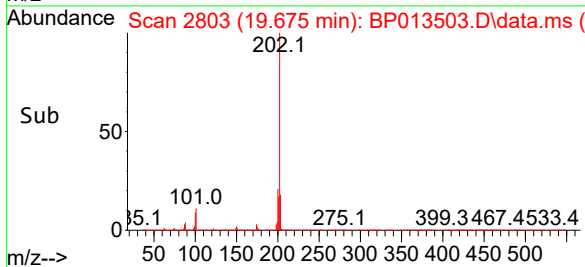
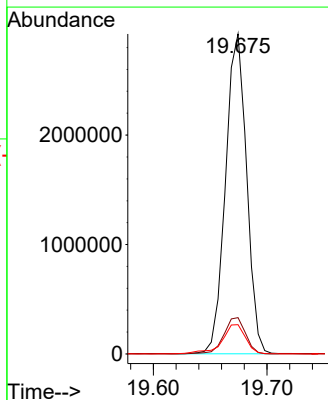
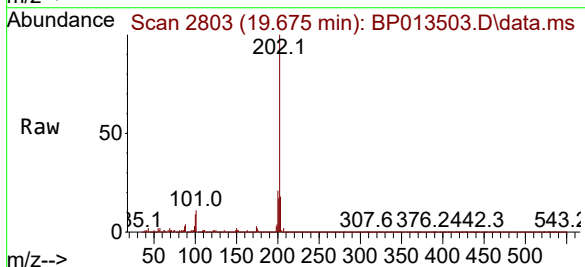
Instrument :
BNA_P
ClientSampleId :

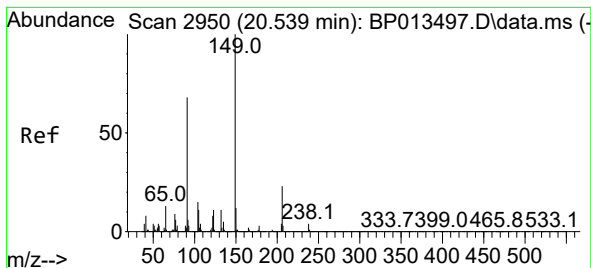
Tgt Ion:202 Resp: 3641103
Ion Ratio Lower Upper
202 100
101 9.5 8.3 12.5
100 7.1 6.8 10.2



#82
Pyrene
Concen: 880.981 ng/ul
RT: 19.675 min Scan# 2803
Delta R.T. 0.000 min
Lab File: BP013503.D
Acq: 17 Jan 2023 20:14

Tgt Ion:202 Resp: 3765667
Ion Ratio Lower Upper
202 100
101 11.4 8.8 13.2
100 9.1 7.4 11.2





#83

Butylbenzylphthalate

Concen: 1203.464 ng/ul

RT: 20.539 min Scan# 2950

Delta R.T. 0.000 min

Lab File: BP013503.D

Acq: 17 Jan 2023 20:14

Instrument :

BNA_P

ClientSampleId :

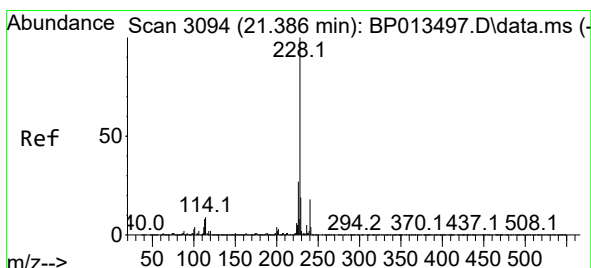
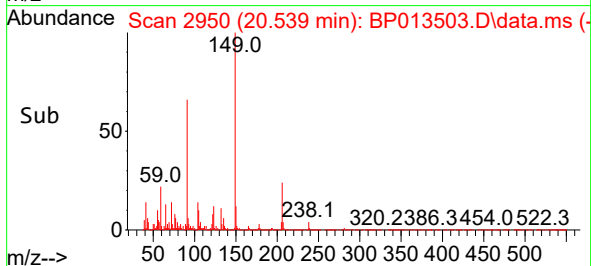
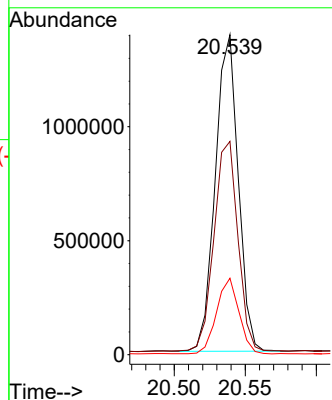
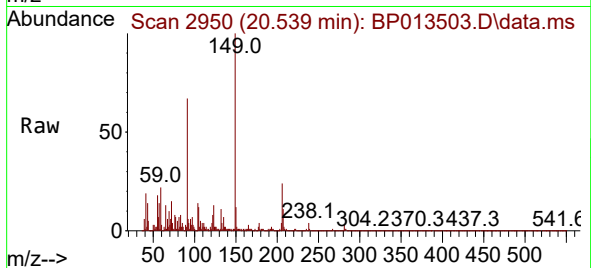
Tgt Ion:149 Resp: 1560929

Ion Ratio Lower Upper

149 100

91 66.7 55.8 83.6

206 23.9 18.5 27.7



#85

Benzo(a)anthracene

Concen: 31.505 ng/ul

RT: 21.380 min Scan# 3093

Delta R.T. -0.006 min

Lab File: BP013503.D

Acq: 17 Jan 2023 20:14

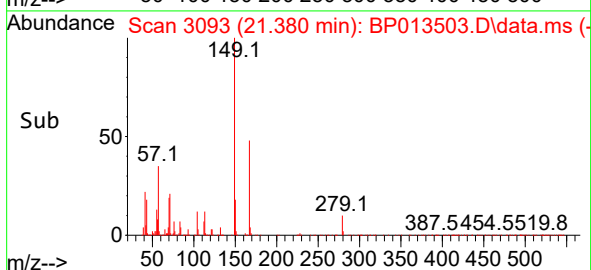
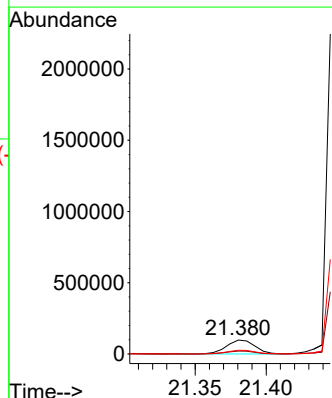
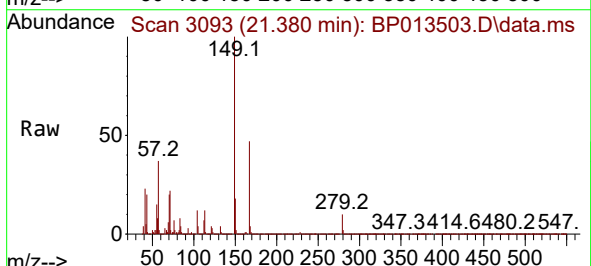
Tgt Ion:228 Resp: 135160

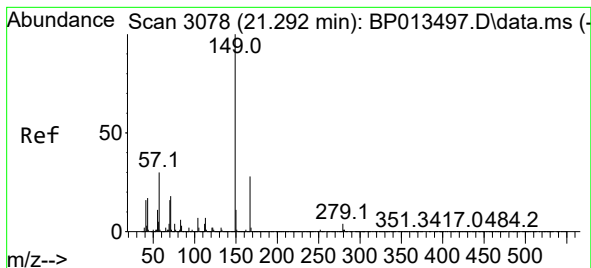
Ion Ratio Lower Upper

228 100

229 20.8 15.9 23.9

226 26.9 21.2 31.8

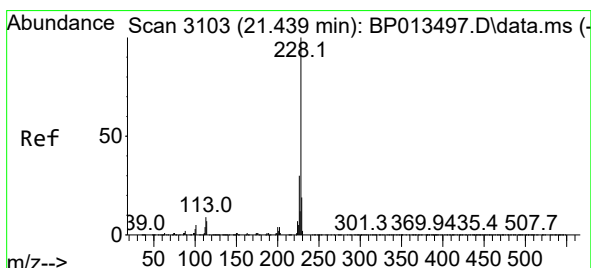
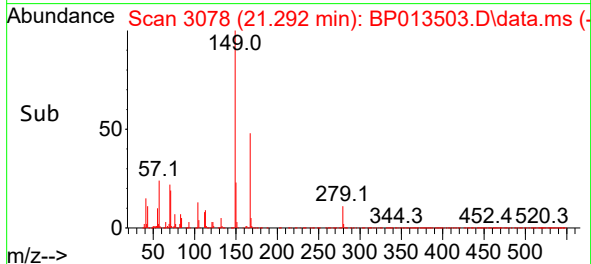
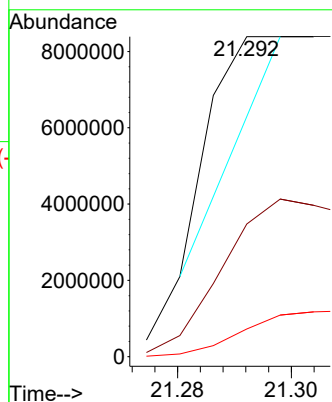
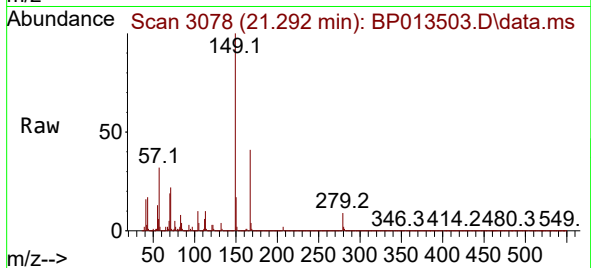




#86
Bis(2-ethylhexyl)phthalate
Concen: 1924.308 ng/ul
RT: 21.292 min Scan# 3078
Delta R.T. 0.000 min
Lab File: BP013503.D
Acq: 17 Jan 2023 20:14

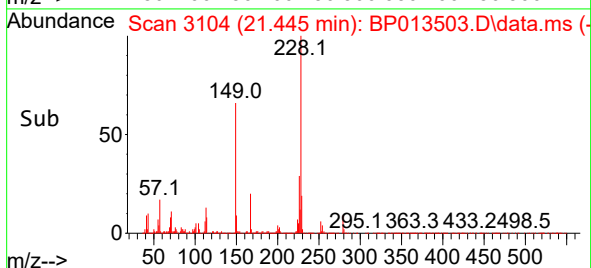
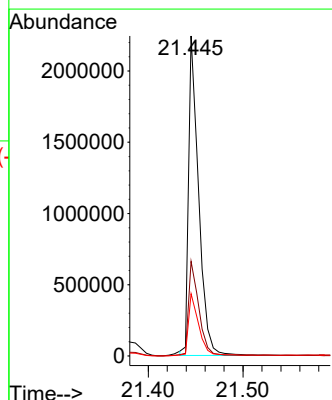
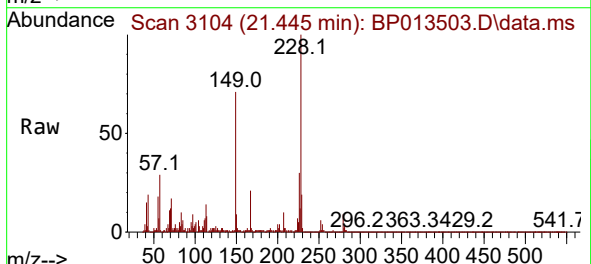
Instrument :
BNA_P
ClientSampleId :

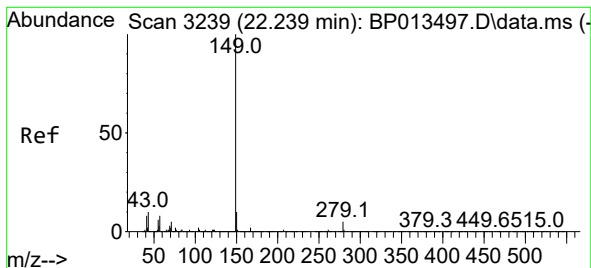
Tgt Ion:149 Resp: 3476673
Ion Ratio Lower Upper
149 100
167 41.4 22.2 33.4#
279 8.6 3.5 5.3#



#87
Chrysene
Concen: 394.987 ng/ul
RT: 21.445 min Scan# 3104
Delta R.T. 0.006 min
Lab File: BP013503.D
Acq: 17 Jan 2023 20:14

Tgt Ion:228 Resp: 1651622
Ion Ratio Lower Upper
228 100
226 29.5 24.2 36.2
229 19.5 15.6 23.4





#89

Di-n-octyl phthalate

Concen: 37.194 ng/ul

RT: 22.245 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP013503.D

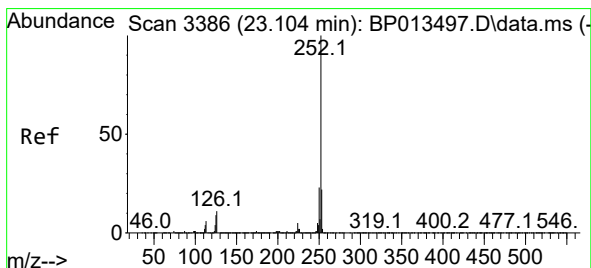
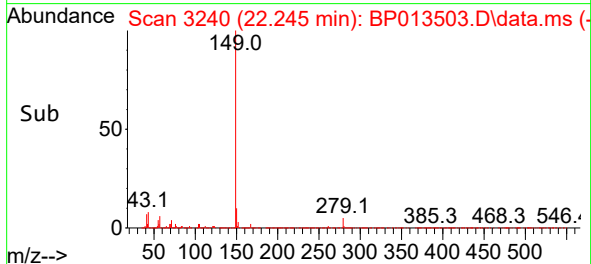
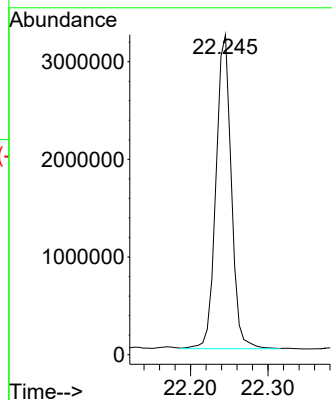
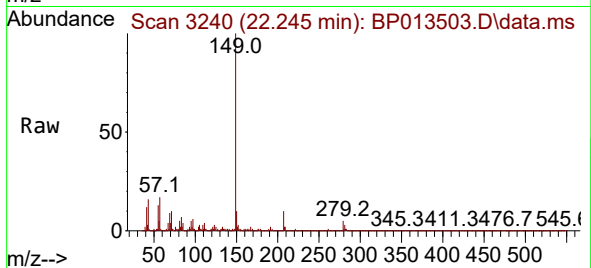
Acq: 17 Jan 2023 20:14

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:149 Resp: 4410912



#90

Benzo(b)fluoranthene

Concen: 23.364 ng/ul

RT: 23.121 min Scan# 3389

Delta R.T. 0.018 min

Lab File: BP013503.D

Acq: 17 Jan 2023 20:14

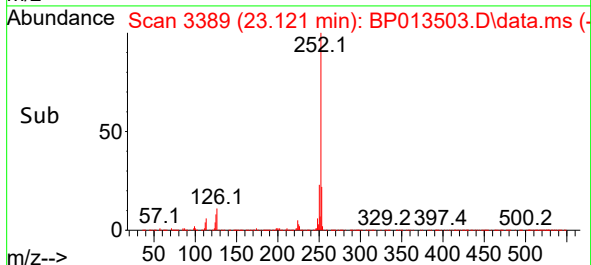
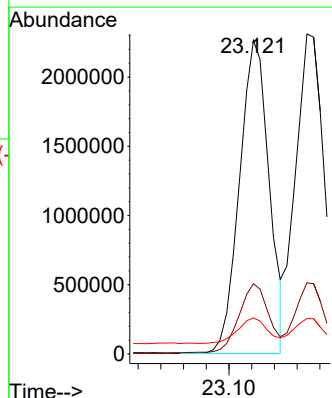
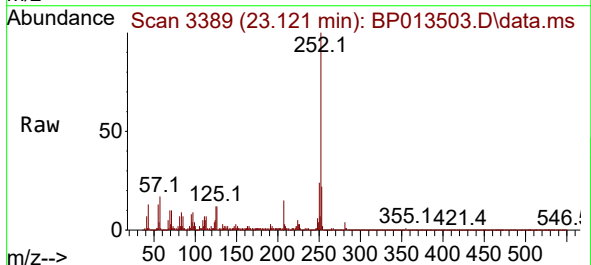
Tgt Ion:252 Resp: 4088360

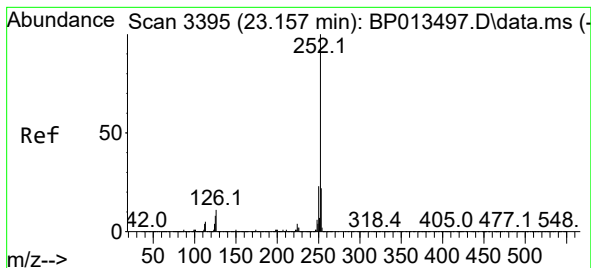
Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

125 11.5 7.1 10.7#





#91

Benzo(k)fluoranthene

Concen: 24.103 ng/ul

RT: 23.169 min Scan# 31

Delta R.T. 0.012 min

Lab File: BP013503.D

Acq: 17 Jan 2023 20:14

Instrument :

BNA_P

ClientSampleId :

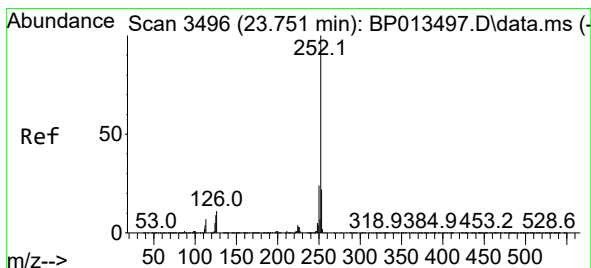
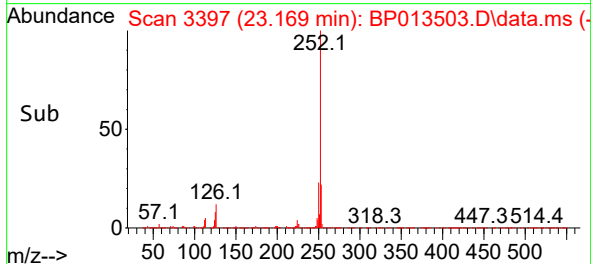
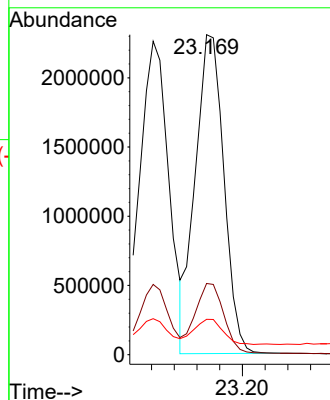
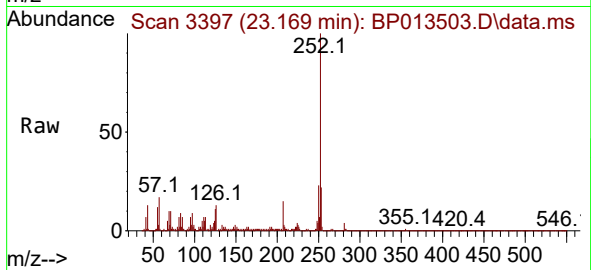
Tgt Ion:252 Resp: 4024422

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 11.1 6.9 10.3#



#93

Benzo(a)pyrene

Concen: 23.788 ng/ul

RT: 23.763 min Scan# 3498

Delta R.T. 0.012 min

Lab File: BP013503.D

Acq: 17 Jan 2023 20:14

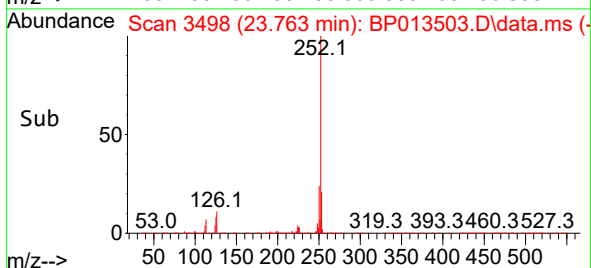
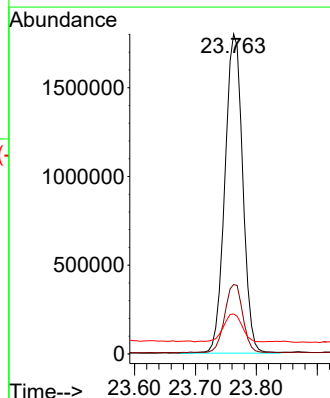
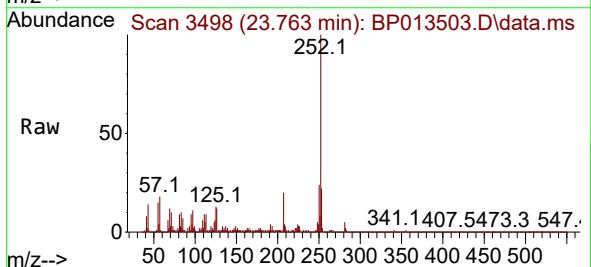
Tgt Ion:252 Resp: 3654740

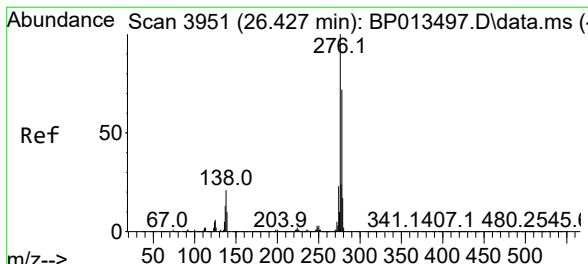
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 12.5 7.6 11.4#



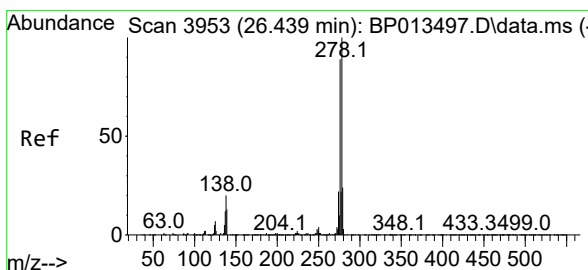
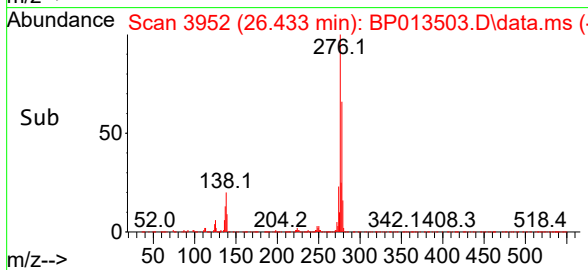
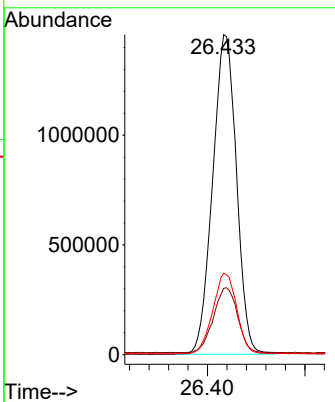
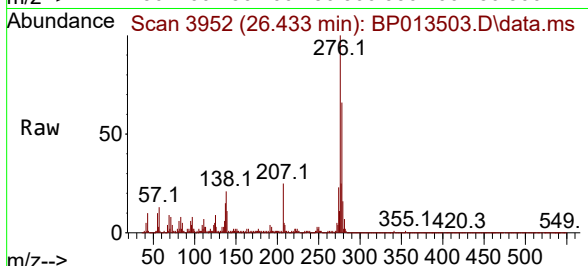


#94
 Indeno(1,2,3-cd)pyrene
 Concen: 23.217 ng/ul
 RT: 26.433 min Scan# 3951
 Delta R.T. 0.006 min
 Lab File: BP013503.D
 Acq: 17 Jan 2023 20:14

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion:276 Resp: 4942406

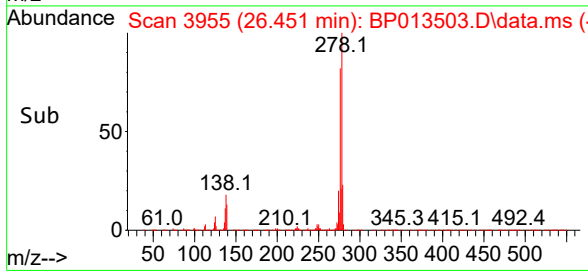
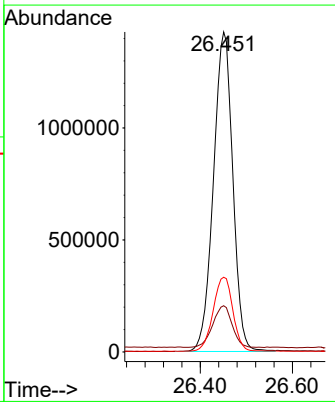
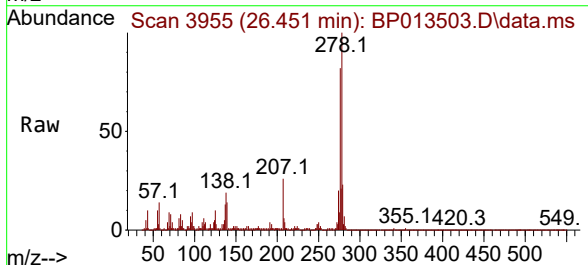
Ion	Ratio	Lower	Upper
276	100		
138	20.8	17.3	25.9
277	25.4	20.1	30.1

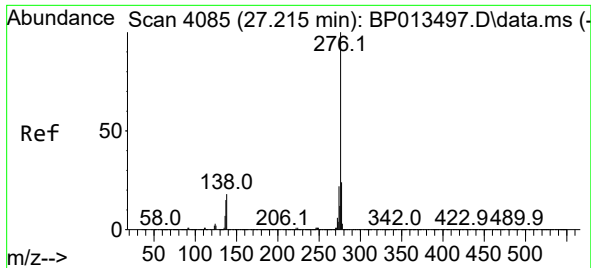


#95
 Dibenzo(a,h)anthracene
 Concen: 23.404 ng/ul
 RT: 26.451 min Scan# 3955
 Delta R.T. 0.012 min
 Lab File: BP013503.D
 Acq: 17 Jan 2023 20:14

Tgt Ion:278 Resp: 4156166

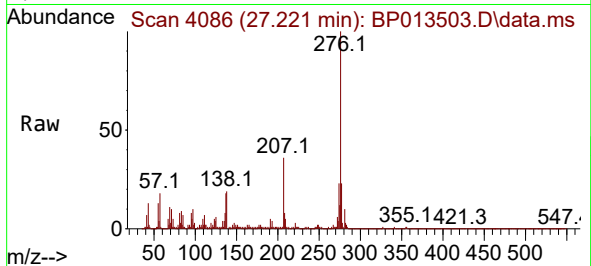
Ion	Ratio	Lower	Upper
278	100		
139	14.5	11.3	16.9
279	23.3	19.2	28.8





#96
 Benzo(g,h,i)perylene
 Concen: 19.821 ng/ul
 RT: 27.221 min Scan# 4086
 Delta R.T. 0.006 min
 Lab File: BP013503.D
 Acq: 17 Jan 2023 20:14

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion:276 Resp: 3470470
 Ion Ratio Lower Upper
 276 100
 138 18.6 14.5 21.7
 277 23.5 18.8 28.2

