

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072624\
 Data File : BP021199.D
 Acq On : 27 Jul 2024 13:00
 Operator : MA/JU
 Sample : P3280-09MS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jul 29 00:42:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 25 00:15:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	255648	20.000	ng/u1	0.00
20) Naphthalene-d8	10.404	136	1042011	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.281	164	674420	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.104	188	1434490	20.000	ng/u1	0.00
79) Chrysene-d12	21.545	240	1403373	20.000	ng/u1	-0.01
88) Perylene-d12	24.851	264	1635177	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	12471	2.220	ng/uL	0.00
4) Pyridine-d5	3.599	84	141984	8.730	ng/u1	0.00
7) Phenol-d5	6.863	99	164303	7.883	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.987	67	350425	27.743	ng/u1	0.00
11) 2-Chlorophenol-d4	7.193	132	429975	25.039	ng/u1	-0.01
15) 4-Methylphenol-d8	8.369	113	295965	17.097	ng/u1	-0.01
21) Nitrobenzene-d5	8.793	128	239212	29.556	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.510	143	274469	29.629	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.057	165	487120	29.081	ng/u1	-0.02
31) 4-Chloroaniline-d4	10.563	131	489386	22.054	ng/u1	0.00
46) Dimethylphthalate-d6	13.698	166	1618084	33.004	ng/u1	0.00
49) Acenaphthylene-d8	13.975	160	1747192	31.738	ng/u1	0.00
54) 4-Nitrophenol-d4	14.610	143	134310	19.255	ng/u1	0.01
60) Fluorene-d10	15.298	176	1338932	33.289	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	312672	36.025	ng/u1	0.00
73) Anthracene-d10	17.204	188	2155035	33.824	ng/u1	0.00
81) Pyrene-d10	19.586	212	2656826	30.622	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.633	264	2894609	35.892	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.217	88	30007	4.857	ng/uL	97
5) Pyridine	3.622	79	161008	9.598	ng/u1	97
6) Benzaldehyde	6.816	77	318374	30.299	ng/u1	99
8) Phenol	6.887	94	178323	8.455	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.081	93	466501	26.776	ng/u1	98
12) 2-Chlorophenol	7.228	128	427181	24.820	ng/u1	99
13) 2-Methylphenol	8.099	108	326823	20.037	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.146	45	660424	26.238	ng/u1	97
16) Acetophenone	8.463	105	738835	27.654	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.440	70	371967	26.571	ng/u1	99
18) 4-Methylphenol	8.434	108	316972	18.140	ng/u1	98
19) Hexachloroethane	8.693	117	185213	23.947	ng/u1	98
22) Nitrobenzene	8.834	77	552945	28.520	ng/u1	100
23) Isophorone	9.363	82	1084015	28.125	ng/u1	99
25) 2-Nitrophenol	9.540	139	284718	29.470	ng/u1	97
26) 2,4-Dimethylphenol	9.610	107	441918	23.196	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.828	93	635041	27.106	ng/u1	99
29) 2,4-Dichlorophenol	10.087	162	473765	28.699	ng/u1	99
30) Naphthalene	10.457	128	1513551	27.614	ng/u1	99
32) 4-Chloroaniline	10.587	127	418309	19.741	ng/u1	99
33) Hexachlorobutadiene	10.710	225	321649	25.986	ng/u1	99
34) Caprolactam	11.422	113	30714	6.040	ng/u1	96
35) 4-Chloro-3-methylphenol	11.734	107	539905	30.088	ng/u1	98
36) 2-Methylnaphthalene	12.069	142	1054306	28.022	ng/u1	98

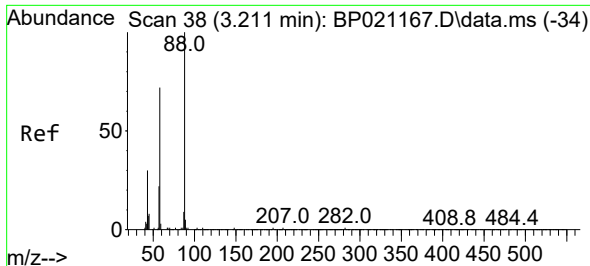
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 25 00:15:24 2024
 Response via : Initial Calibration

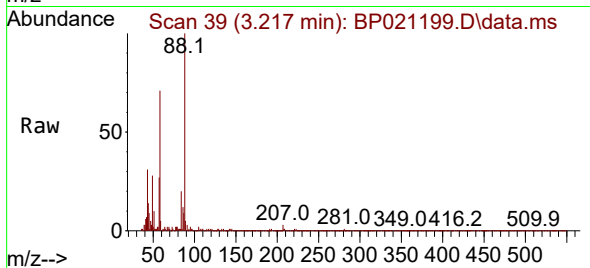
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.298	142	1091619	28.210	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.440	216	641911	29.308	ng/ul	97
40) Hexachlorocyclopentadiene	12.404	237	149889	13.082	ng/ul	99
41) 2,4,6-Trichlorophenol	12.716	196	426320	30.804	ng/ul	99
42) 2,4,5-Trichlorophenol	12.792	196	474741	32.421	ng/ul	98
43) 1,1'-Biphenyl	13.098	154	1452781	29.476	ng/ul	99
44) 2-Chloronaphthalene	13.140	162	1150500	29.240	ng/ul	99
45) 2-Nitroaniline	13.387	65	393491	36.163	ng/ul	98
47) Dimethylphthalate	13.745	163	1592715	32.017	ng/ul	100
48) 2,6-Dinitrotoluene	13.875	165	344034	34.592	ng/ul	100
50) Acenaphthylene	14.010	152	1858869	29.823	ng/ul	99
51) 3-Nitroaniline	14.222	138	331424	38.294	ng/ul	96
52) Acenaphthene	14.351	153	1244377	30.080	ng/ul	98
53) 2,4-Dinitrophenol	14.457	184	198264	37.960	ng/ul	100
55) 4-Nitrophenol	14.604	109	77490	13.657	ng/ul#	63
56) Dibenzofuran	14.698	168	1801609	31.802	ng/ul	98
57) 2,4-Dinitrotoluene	14.698	165	496099	36.337	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	14.939	232	398574	31.787	ng/ul	96
59) Diethylphthalate	15.134	149	1630678	32.800	ng/ul	99
61) Fluorene	15.357	166	1491596	32.265	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.351	204	770514	30.716	ng/ul	97
63) 4-Nitroaniline	15.416	138	337793	47.131	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.481	198	331096	35.972	ng/ul	98
67) N-Nitrosodiphenylamine	15.581	169	1299334	31.105	ng/ul	99
68) 4-Bromophenyl-phenylether	16.269	248	531430	31.607	ng/ul	97
69) Hexachlorobenzene	16.386	284	618582	32.086	ng/ul	97
70) Atrazine	16.563	200	340588	22.372	ng/ul	99
71) Pentachlorophenol	16.757	266	299880	28.640	ng/ul	97
72) Phenanthrene	17.145	178	2454182	32.979	ng/ul	99
74) Anthracene	17.239	178	2431535	32.051	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.063	216	632410	27.544	ng/uL	98
76) Pentachlorobenzene	14.610	250	685833	30.061	ng/uL	99
77) Carbazole	17.545	167	2256415	36.384	ng/ul	100
78) Di-n-butylphthalate	18.098	149	2903426	33.934	ng/ul	100
80) Fluoranthene	19.233	202	3030126	28.919	ng/ul	99
82) Pyrene	19.616	202	3185588	29.877	ng/ul	98
83) Butylbenzylphthalate	20.563	149	1351188	30.416	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.457	252	864737	26.966	ng/ul	99
85) Benzo(a)anthracene	21.533	228	3208791	32.641	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.439	149	1898920	29.703	ng/ul	99
87) Chrysene	21.598	228	2983869	32.665	ng/ul	99
89) Di-n-octyl phthalate	22.692	149	3378025	31.272	ng/ul	100
90) Benzo(b)fluoranthene	23.810	252	3345592	33.715	ng/ul	99
91) Benzo(k)fluoranthene	23.880	252	3256241	32.882	ng/ul	99
93) Benzo(a)pyrene	24.709	252	2783974	29.689	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.633	276	1935730	16.020	ng/ul	98
95) Dibenzo(a,h)anthracene	28.698	278	3314471	33.125	ng/ul	99
96) Benzo(g,h,i)perylene	29.797	276	1557054	15.822	ng/ul	98

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

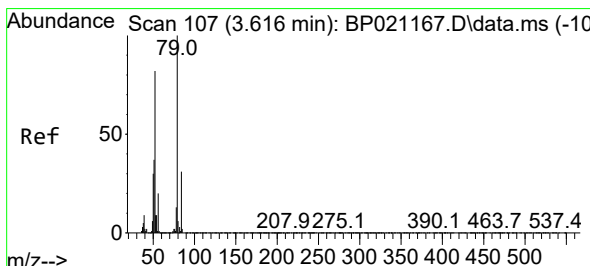
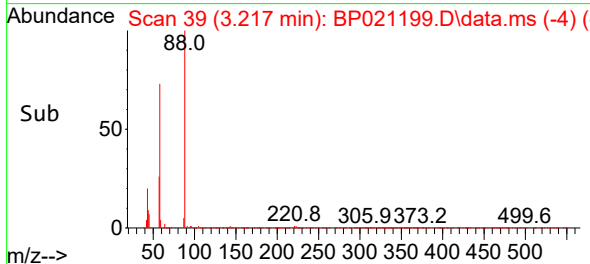
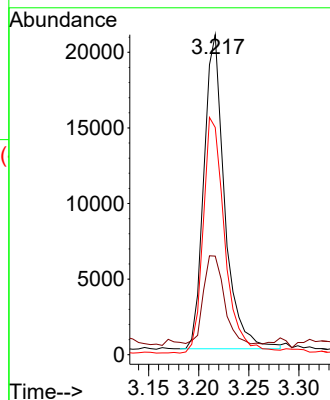


#2
1,4-Dioxane
Concen: 4.857 ng/uL
RT: 3.217 min Scan# 39
Delta R.T. 0.006 min
Lab File: BP021199.D
Acq: 27 Jul 2024 13:00

Instrument :
BNA_P
ClientSampleId :

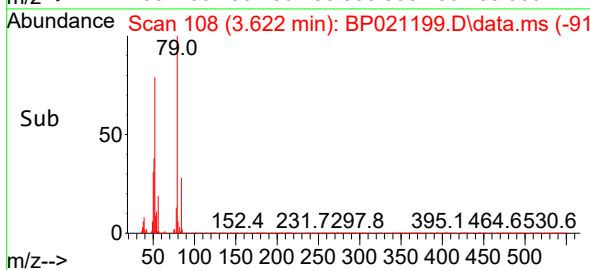
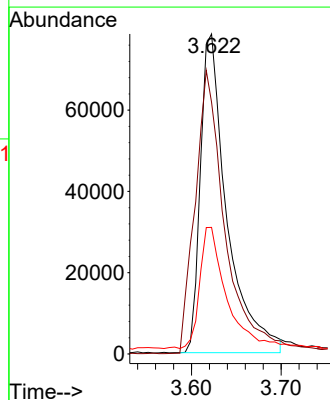
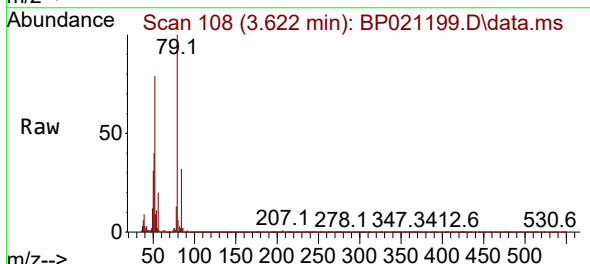


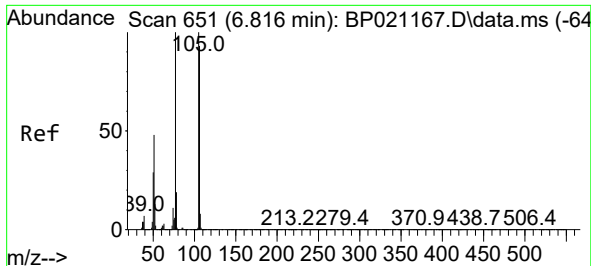
Tgt Ion: 88 Resp: 30007
Ion Ratio Lower Upper
88 100
43 30.8 25.4 38.0
58 71.0 59.2 88.8



#5
Pyridine
Concen: 9.598 ng/uL
RT: 3.622 min Scan# 108
Delta R.T. -0.000 min
Lab File: BP021199.D
Acq: 27 Jul 2024 13:00

Tgt Ion: 79 Resp: 161008
Ion Ratio Lower Upper
79 100
52 78.7 64.9 97.3
51 39.6 30.5 45.7

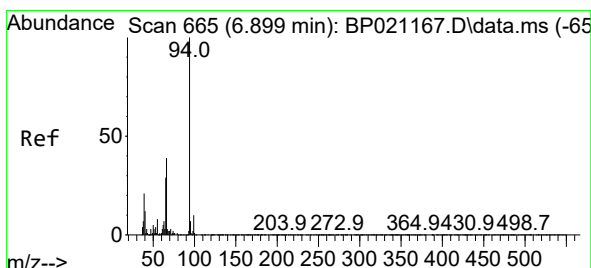
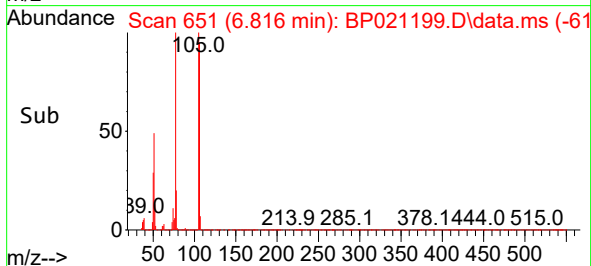
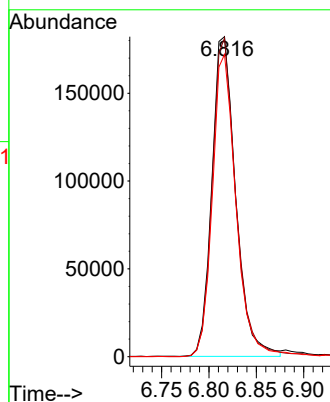
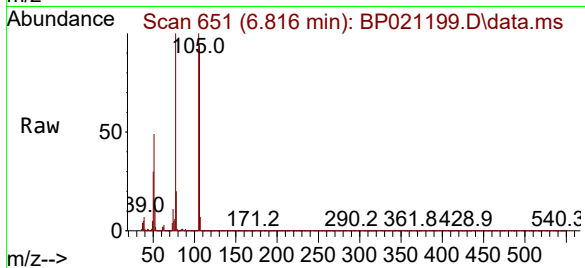




#6
Benzaldehyde
Concen: 30.299 ng/ul
RT: 6.816 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP021199.D
Acq: 27 Jul 2024 13:00

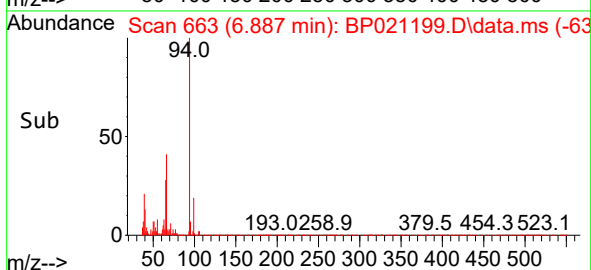
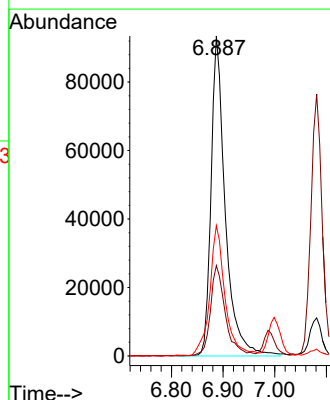
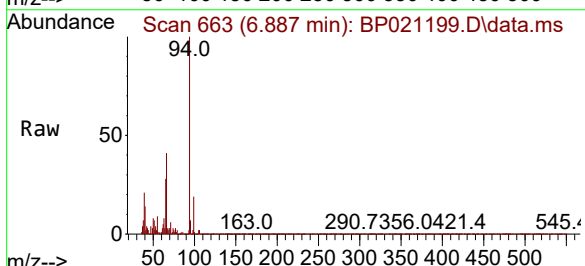
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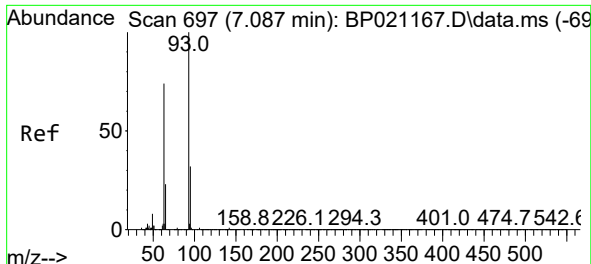
Tgt Ion: 77 Resp: 318374
Ion Ratio Lower Upper
77 100
105 99.6 79.3 118.9
106 94.5 74.6 112.0



#8
Phenol
Concen: 8.455 ng/ul
RT: 6.887 min Scan# 663
Delta R.T. -0.012 min
Lab File: BP021199.D
Acq: 27 Jul 2024 13:00

Tgt Ion: 94 Resp: 178323
Ion Ratio Lower Upper
94 100
65 28.3 23.4 35.0
66 40.8 33.9 50.9

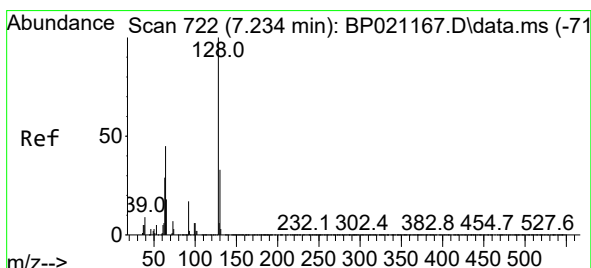
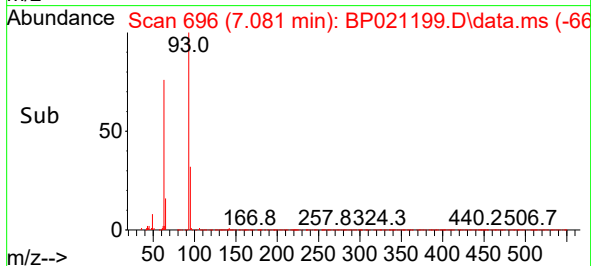
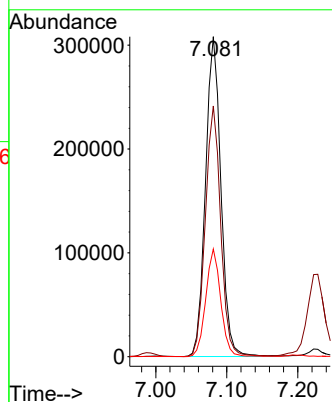
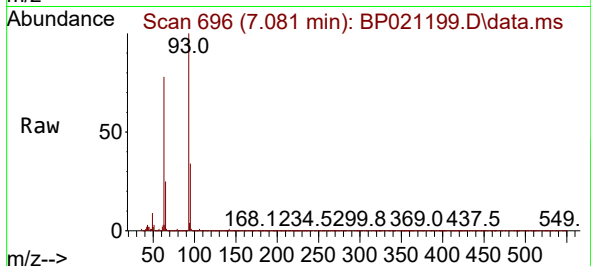




#10
Bis(2-Chloroethyl)ether
Concen: 26.776 ng/ul
RT: 7.081 min Scan# 697
Delta R.T. -0.006 min
Lab File: BP021199.D
Acq: 27 Jul 2024 13:00

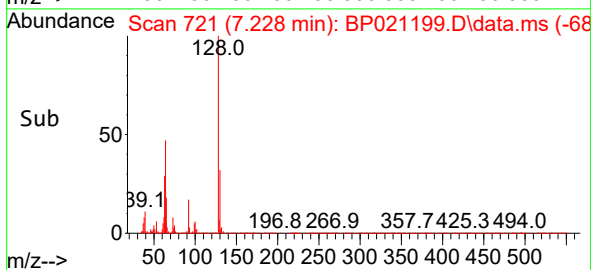
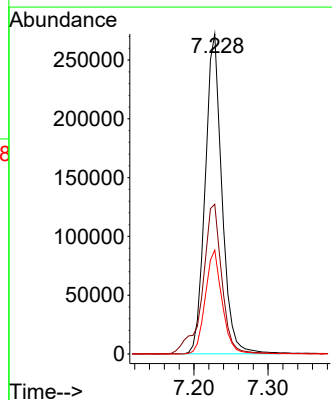
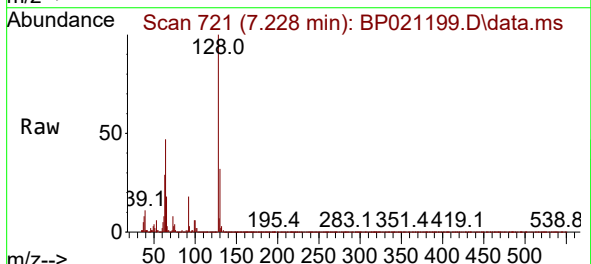
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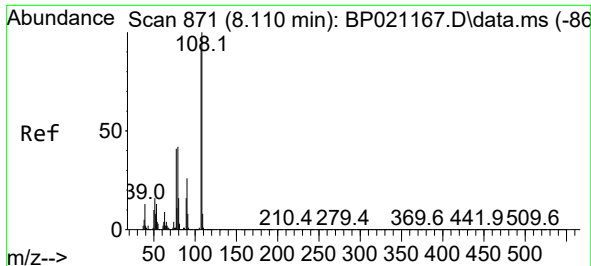
Tgt Ion: 93 Resp: 466501
Ion Ratio Lower Upper
93 100
63 78.4 61.5 92.3
95 33.6 25.1 37.7



#12
2-Chlorophenol
Concen: 24.820 ng/ul
RT: 7.228 min Scan# 721
Delta R.T. -0.006 min
Lab File: BP021199.D
Acq: 27 Jul 2024 13:00

Tgt Ion:128 Resp: 427181
Ion Ratio Lower Upper
128 100
64 46.8 37.9 56.9
130 32.5 25.6 38.4

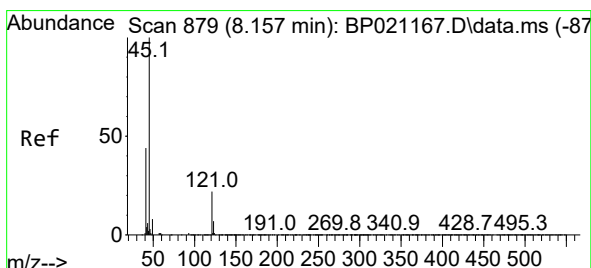
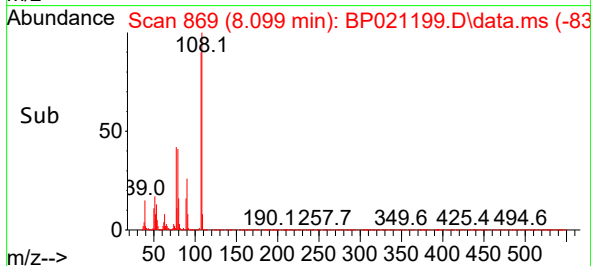
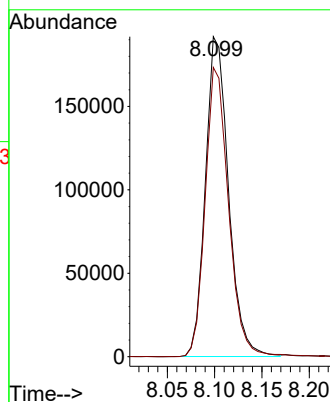
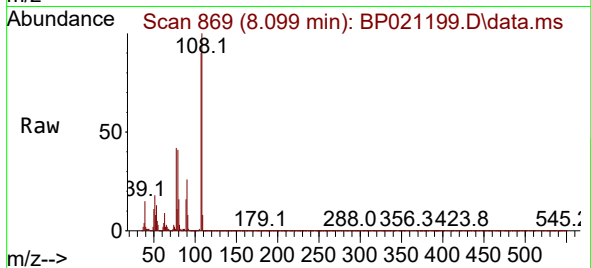




#13
2-Methylphenol
Concen: 20.037 ng/ul
RT: 8.099 min Scan# 80
Delta R.T. -0.018 min
Lab File: BP021199.D
Acq: 27 Jul 2024 13:00

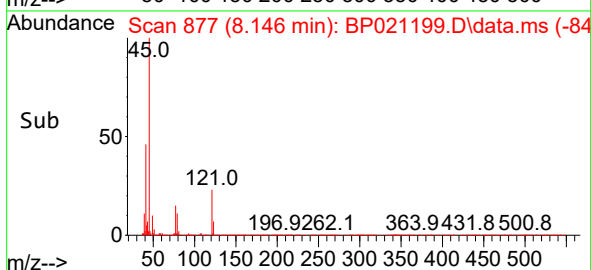
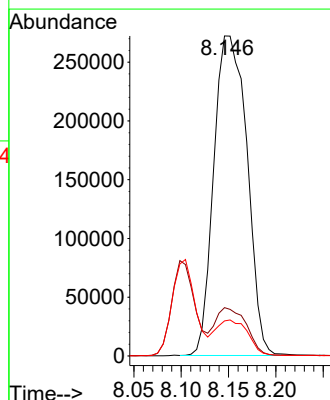
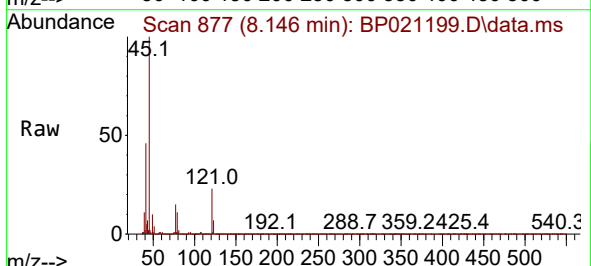
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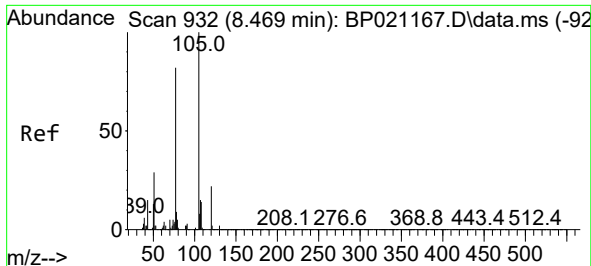
Tgt Ion:108 Resp: 326823
Ion Ratio Lower Upper
108 100
107 90.4 73.8 110.8



#14
2,2'-oxybis(1-Chloropropane)
Concen: 26.238 ng/ul
RT: 8.146 min Scan# 877
Delta R.T. -0.024 min
Lab File: BP021199.D
Acq: 27 Jul 2024 13:00

Tgt Ion: 45 Resp: 660424
Ion Ratio Lower Upper
45 100
77 15.1 10.9 16.3
79 10.9 8.1 12.1

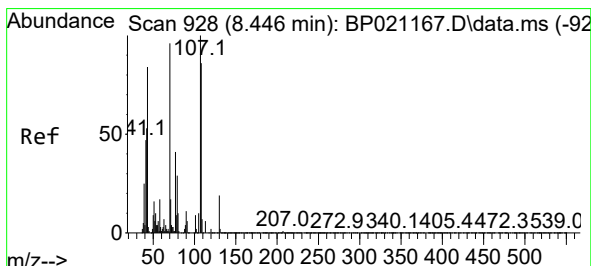
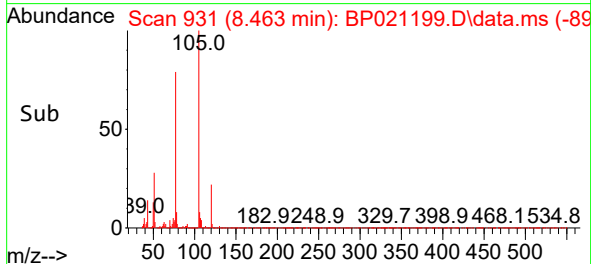
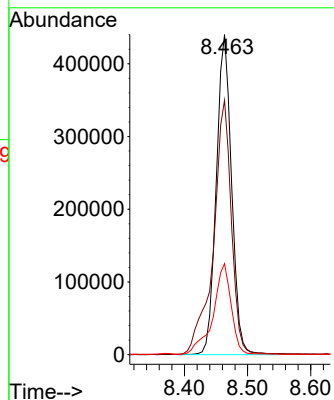
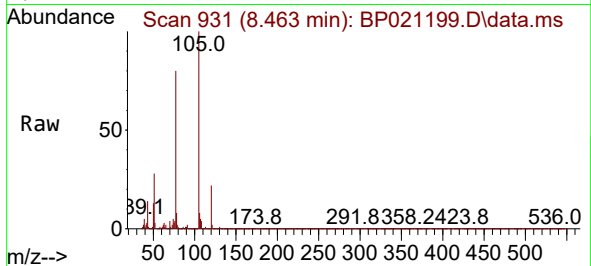




#16
Acetophenone
Concen: 27.654 ng/ul
RT: 8.463 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP021199.D
Acq: 27 Jul 2024 13:00

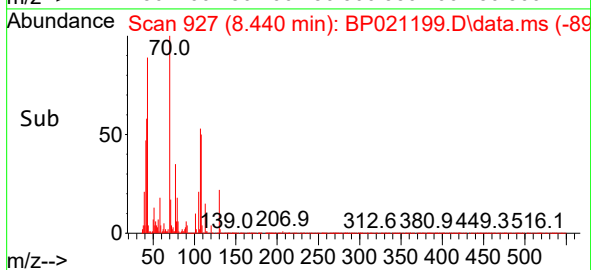
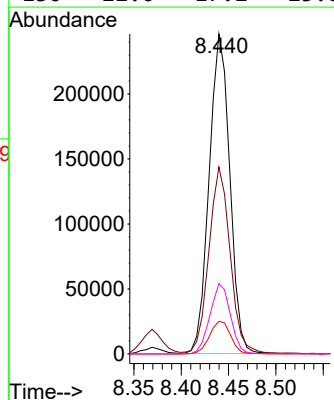
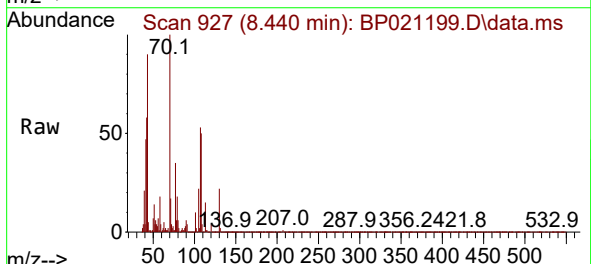
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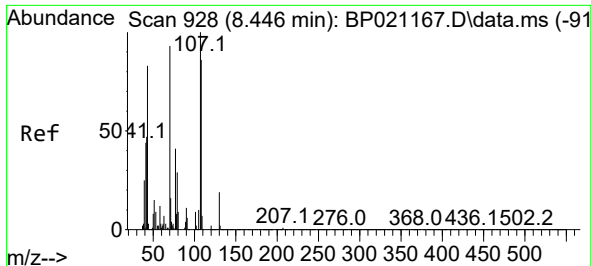
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Ion Ratio Lower Upper
105 100
77 79.5 61.8 92.8
51 28.4 21.5 32.3



#17
N-Nitroso-di-n-propylamine
Concen: 26.571 ng/ul
RT: 8.440 min Scan# 927
Delta R.T. -0.006 min
Lab File: BP021199.D
Acq: 27 Jul 2024 13:00

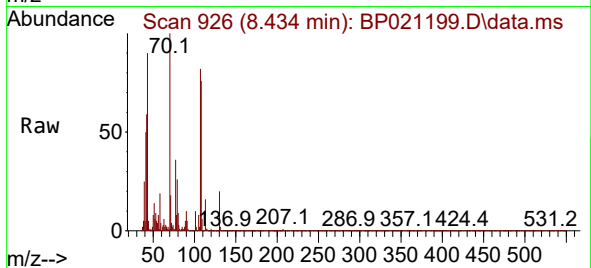
Tgt Ion: 70 Resp: 371967
Ion Ratio Lower Upper
70 100
42 58.4 46.6 69.8
101 10.2 7.4 11.0
130 22.0 17.2 25.8



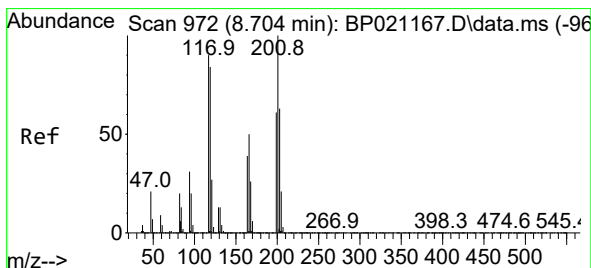
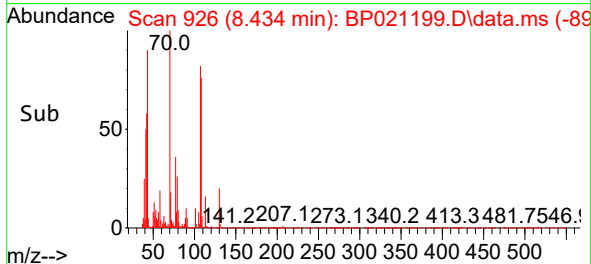
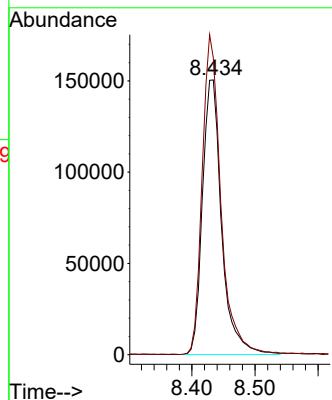


#18
4-Methylphenol
Concen: 18.140 ng/ul
RT: 8.434 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP021199.D
Acq: 27 Jul 2024 13:00

Instrument :
BNA_P
ClientSampleId :

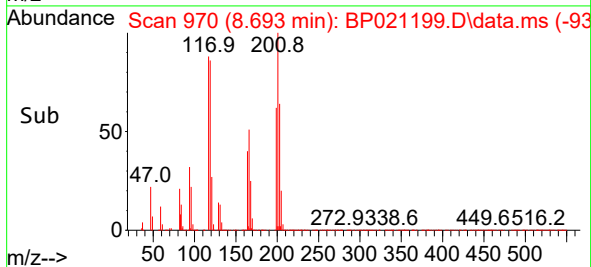
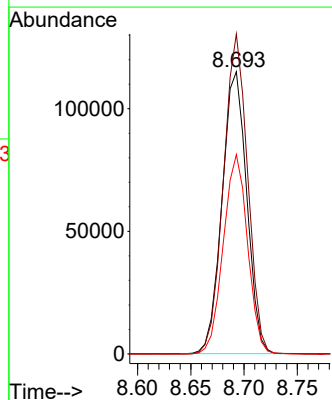
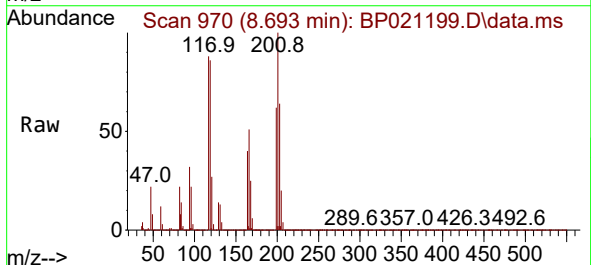


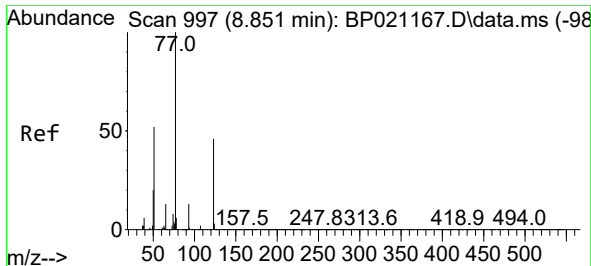
Tgt Ion:108 Resp: 316972
Ion Ratio Lower Upper
108 100
107 108.0 87.8 131.8



#19
Hexachloroethane
Concen: 23.947 ng/ul
RT: 8.693 min Scan# 970
Delta R.T. -0.006 min
Lab File: BP021199.D
Acq: 27 Jul 2024 13:00

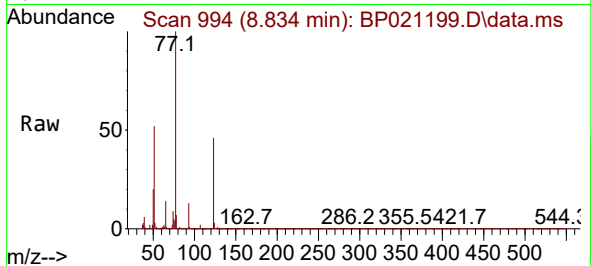
Tgt Ion:117 Resp: 185213
Ion Ratio Lower Upper
117 100
201 113.4 88.2 132.2
199 70.7 55.8 83.6



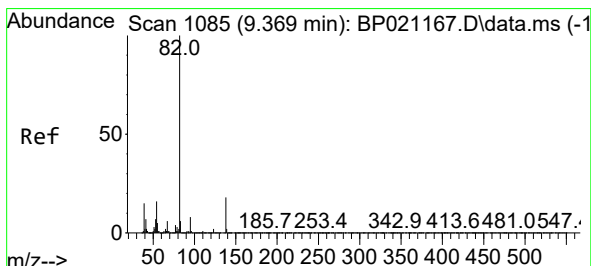
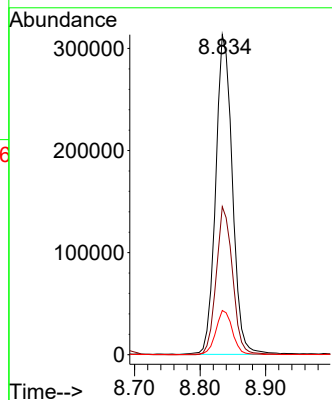
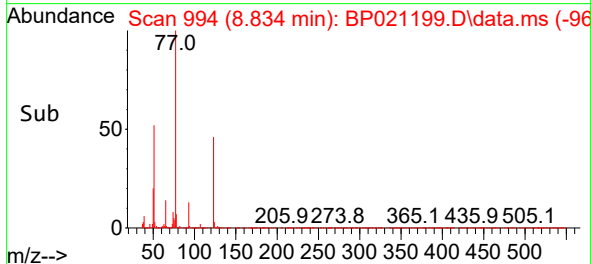


#22
Nitrobenzene
Concen: 28.520 ng/ul
RT: 8.834 min Scan# 997
Delta R.T. -0.018 min
Lab File: BP021199.D
Acq: 27 Jul 2024 13:00

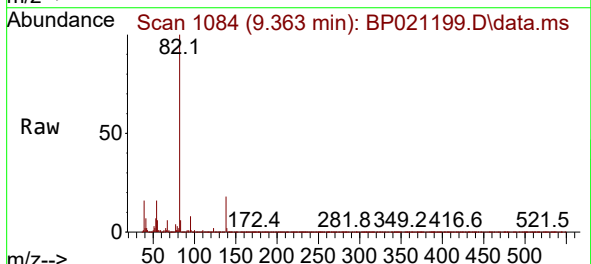
Instrument :
BNA_P
ClientSampleId :



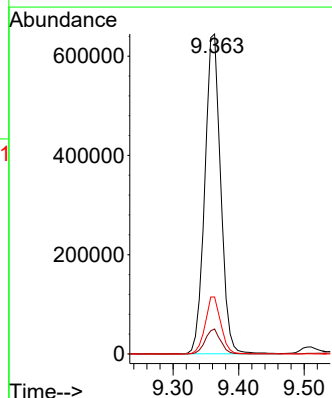
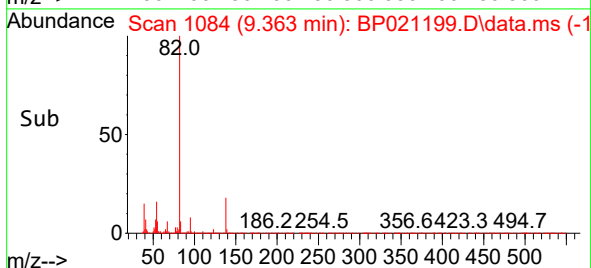
Tgt Ion: 77 Resp: 552945
Ion Ratio Lower Upper
77 100
123 46.3 36.7 55.1
65 13.8 11.1 16.7

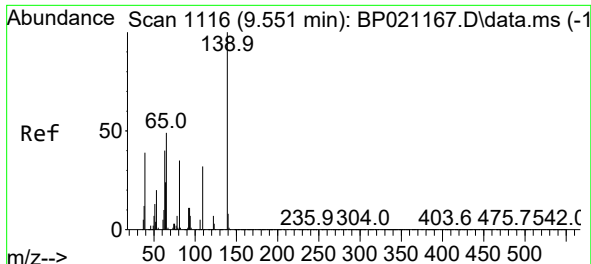


#23
Isophorone
Concen: 28.125 ng/ul
RT: 9.363 min Scan# 1084
Delta R.T. -0.006 min
Lab File: BP021199.D
Acq: 27 Jul 2024 13:00



Tgt Ion: 82 Resp: 1084015
Ion Ratio Lower Upper
82 100
95 7.8 6.1 9.1
138 17.8 14.4 21.6

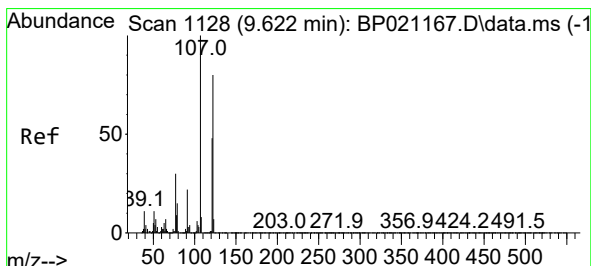
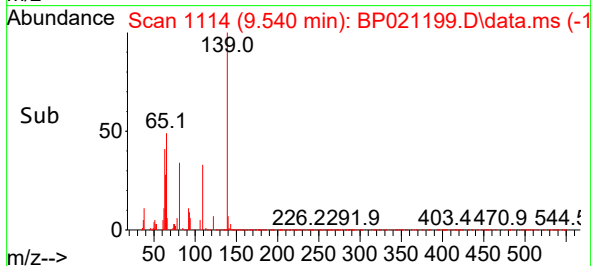
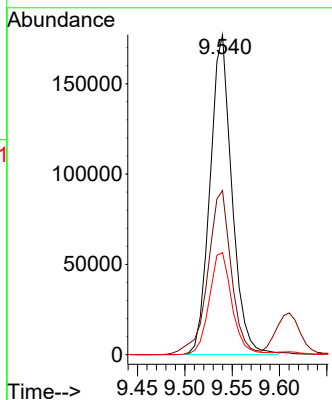
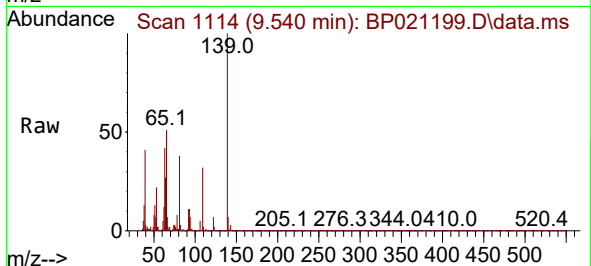




#25
2-Nitrophenol
Concen: 29.470 ng/ul
RT: 9.540 min Scan# 1116
Delta R.T. -0.012 min
Lab File: BP021199.D
Acq: 27 Jul 2024 13:00

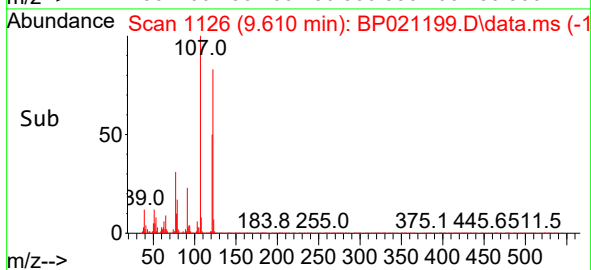
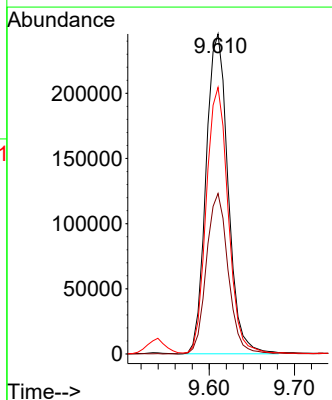
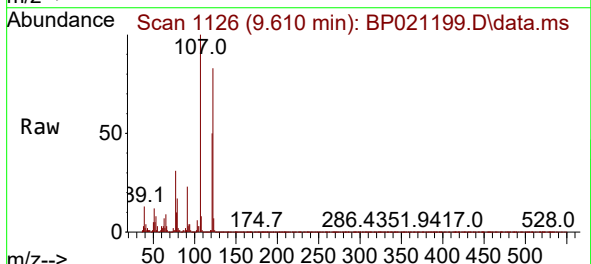
Instrument :
BNA_P
ClientSampleId :

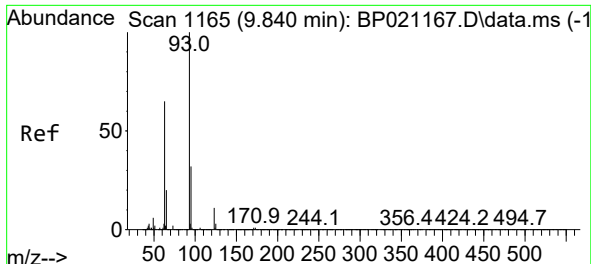
Tgt Ion:139 Resp: 284718
Ion Ratio Lower Upper
139 100
65 51.3 42.9 64.3
109 31.9 26.2 39.4



#26
2,4-Dimethylphenol
Concen: 23.196 ng/ul
RT: 9.610 min Scan# 1126
Delta R.T. -0.012 min
Lab File: BP021199.D
Acq: 27 Jul 2024 13:00

Tgt Ion:107 Resp: 441918
Ion Ratio Lower Upper
107 100
121 50.1 39.6 59.4
122 83.3 66.3 99.5





#27

Bis(2-Chloroethoxy)methane

Concen: 27.106 ng/ul

RT: 9.828 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BP021199.D

Acq: 27 Jul 2024 13:00

Instrument :

BNA_P

ClientSampleId :

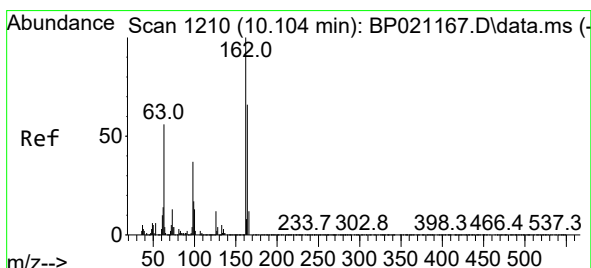
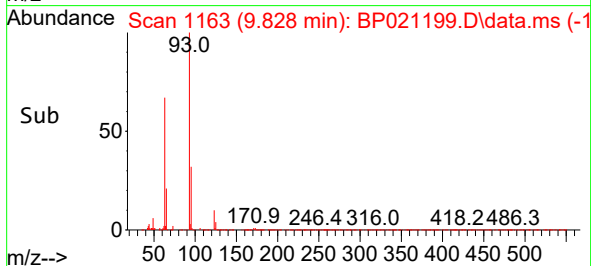
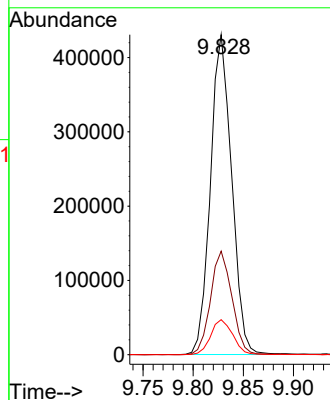
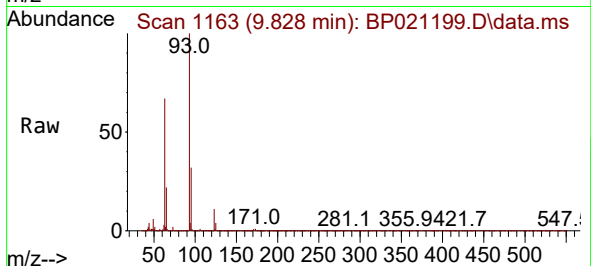
Tgt Ion: 93 Resp: 635041

Ion Ratio Lower Upper

93 100

95 32.3 25.5 38.3

123 10.9 9.0 13.4



#29

2,4-Dichlorophenol

Concen: 28.699 ng/ul

RT: 10.087 min Scan# 1207

Delta R.T. -0.012 min

Lab File: BP021199.D

Acq: 27 Jul 2024 13:00

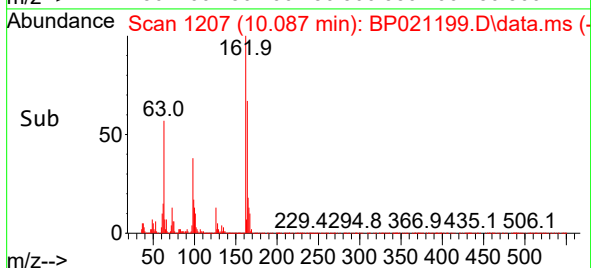
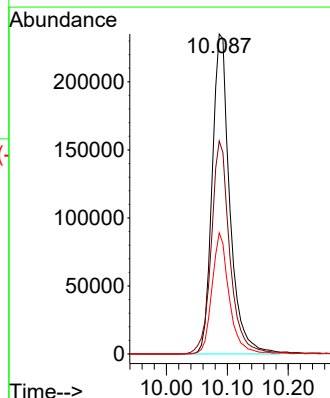
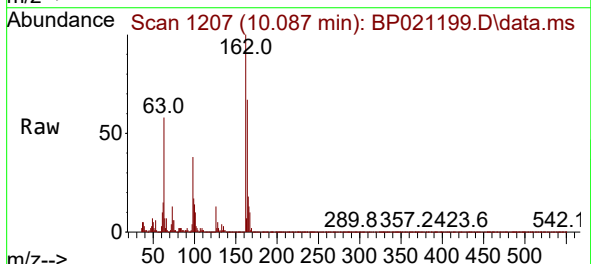
Tgt Ion:162 Resp: 473765

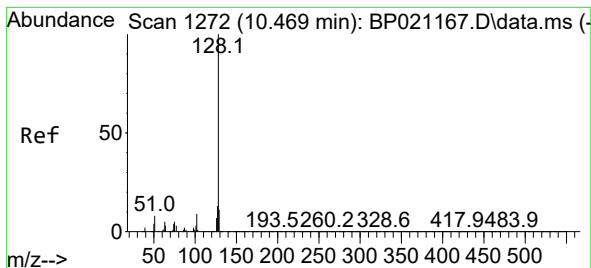
Ion Ratio Lower Upper

162 100

164 66.6 53.3 79.9

98 37.8 28.7 43.1





#30

Naphthalene

Concen: 27.614 ng/ul

RT: 10.457 min Scan# 1270

Delta R.T. -0.018 min

Lab File: BP021199.D

Acq: 27 Jul 2024 13:00

Instrument :

BNA_P

ClientSampleId :

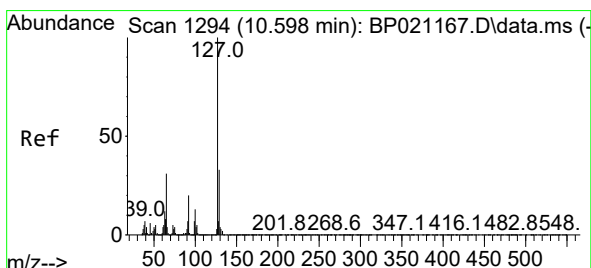
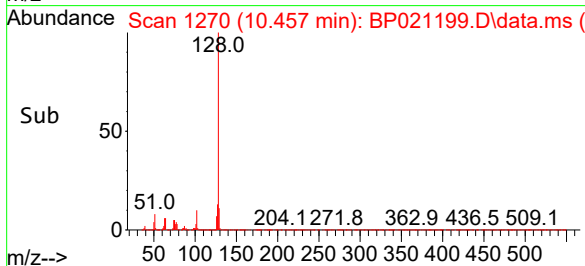
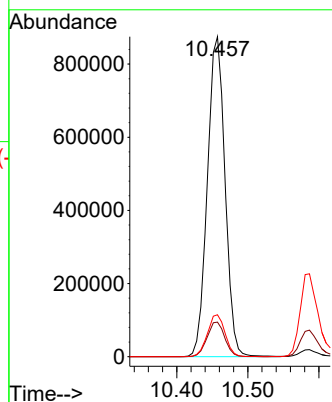
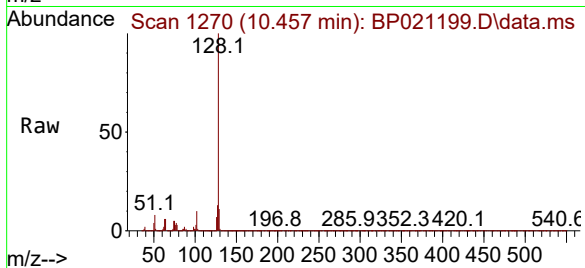
Tgt Ion:128 Resp: 1513551

Ion Ratio Lower Upper

128 100

129 10.8 8.6 13.0

127 13.1 10.8 16.2



#32

4-Chloroaniline

Concen: 19.741 ng/ul

RT: 10.587 min Scan# 1292

Delta R.T. -0.006 min

Lab File: BP021199.D

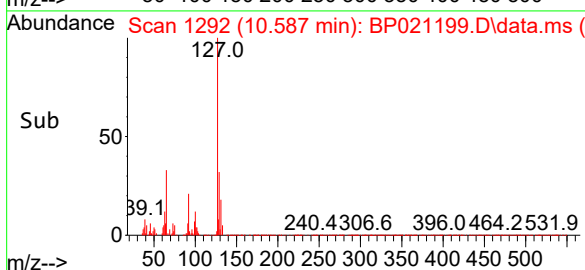
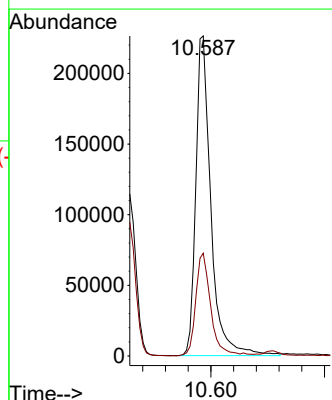
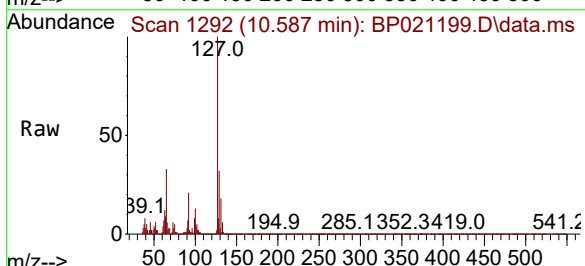
Acq: 27 Jul 2024 13:00

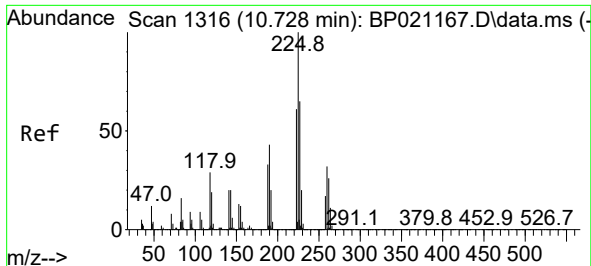
Tgt Ion:127 Resp: 418309

Ion Ratio Lower Upper

127 100

129 32.1 26.1 39.1

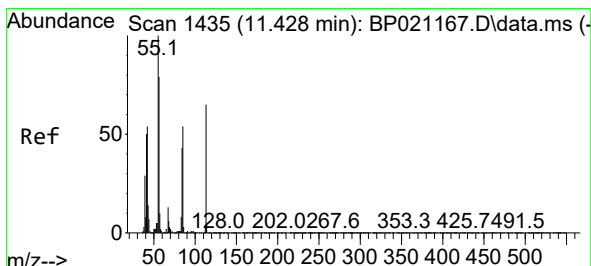
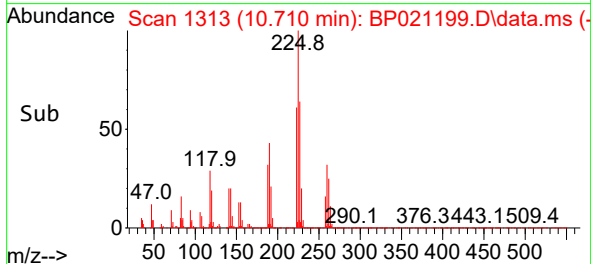
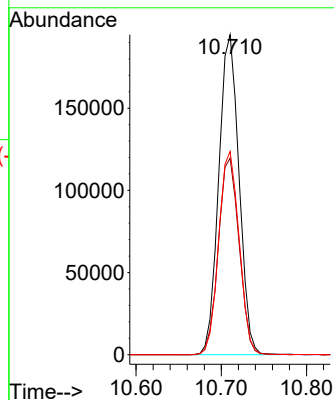
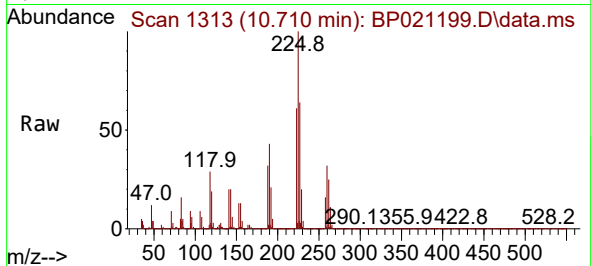




#33
Hexachlorobutadiene
Concen: 25.986 ng/ul
RT: 10.710 min Scan# 11
Delta R.T. -0.030 min
Lab File: BP021199.D
Acq: 27 Jul 2024 13:00

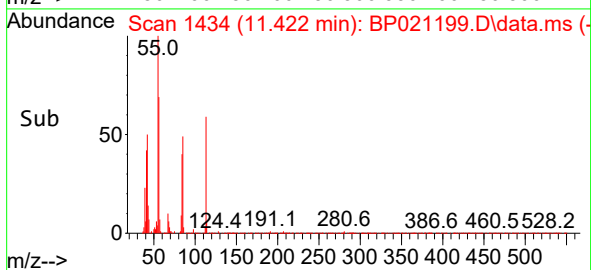
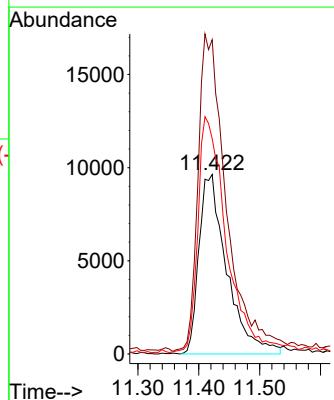
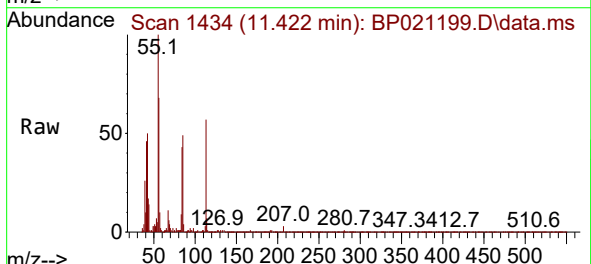
Instrument :
BNA_P
ClientSampleId :

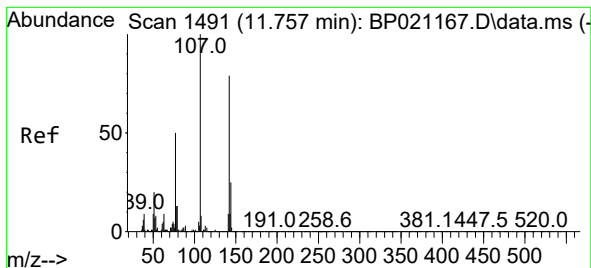
Tgt Ion:225 Resp: 321649
Ion Ratio Lower Upper
225 100
223 61.4 50.2 75.2
227 63.5 50.6 75.8



#34
Caprolactam
Concen: 6.040 ng/ul
RT: 11.422 min Scan# 1434
Delta R.T. -0.024 min
Lab File: BP021199.D
Acq: 27 Jul 2024 13:00

Tgt Ion:113 Resp: 30714
Ion Ratio Lower Upper
113 100
55 175.1 140.2 210.4
56 119.9 105.5 158.3

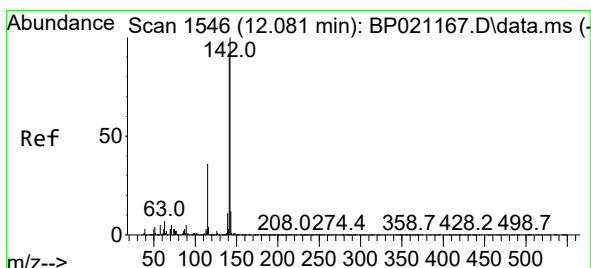
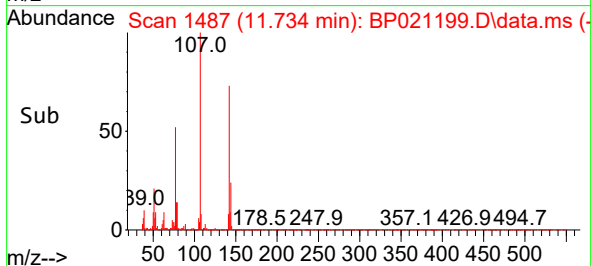
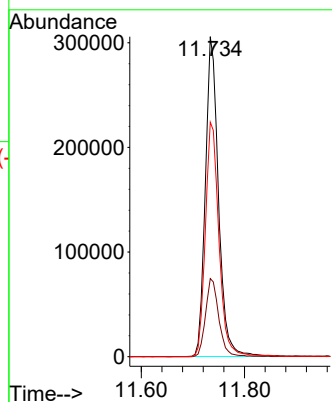
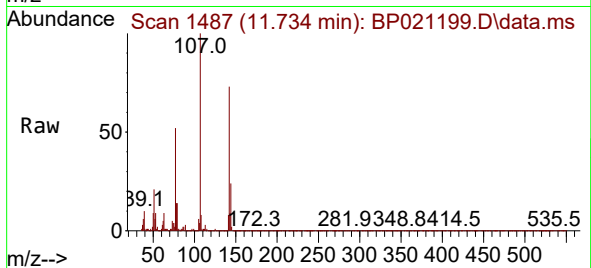




#35
4-Chloro-3-methylphenol
Concen: 30.088 ng/ul
RT: 11.734 min Scan# 1491
Delta R.T. -0.024 min
Lab File: BP021199.D
Acq: 27 Jul 2024 13:00

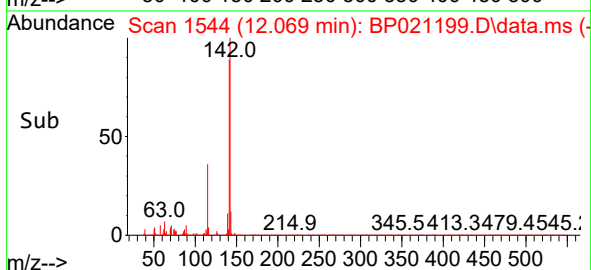
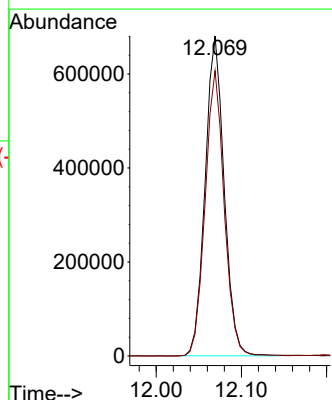
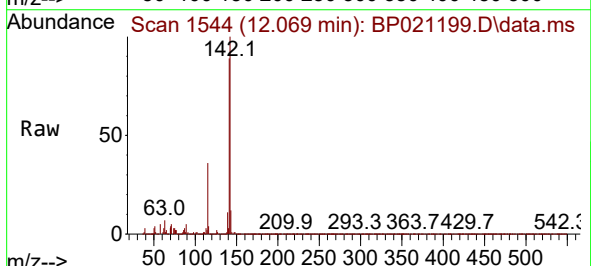
Instrument :
BNA_P
ClientSampleId :

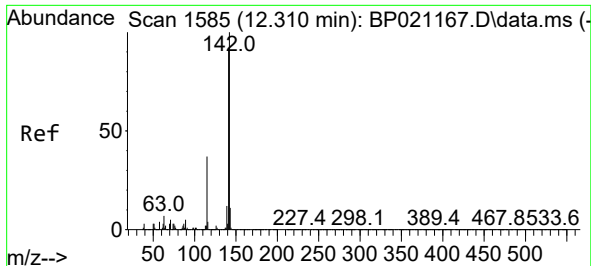
Tgt Ion:107 Resp: 539905
Ion Ratio Lower Upper
107 100
144 24.4 19.3 28.9
142 73.3 60.7 91.1



#36
2-Methylnaphthalene
Concen: 28.022 ng/ul
RT: 12.069 min Scan# 1544
Delta R.T. -0.018 min
Lab File: BP021199.D
Acq: 27 Jul 2024 13:00

Tgt Ion:142 Resp: 1054306
Ion Ratio Lower Upper
142 100
141 89.2 72.6 108.8





#37

1-Methylnaphthalene

Concen: 28.210 ng/ul

RT: 12.298 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP021199.D

Acq: 27 Jul 2024 13:00

Instrument :

BNA_P

ClientSampleId :

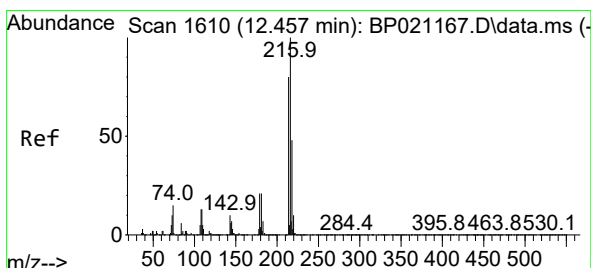
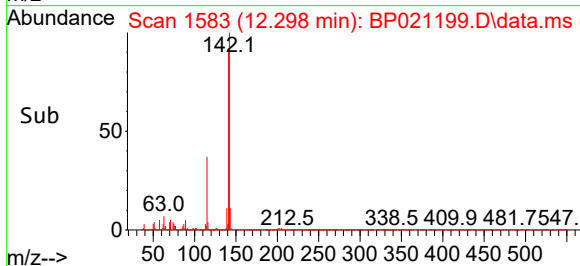
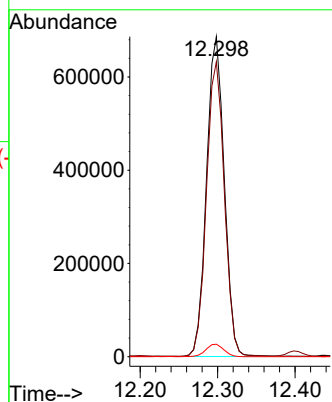
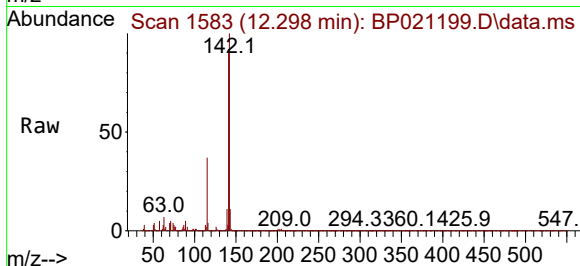
Tgt Ion:142 Resp: 1091619

Ion Ratio Lower Upper

142 100

141 92.2 75.0 112.6

116 3.9 3.2 4.8



#39

1,2,4,5-Tetrachlorobenzene

Concen: 29.308 ng/ul

RT: 12.440 min Scan# 1607

Delta R.T. -0.018 min

Lab File: BP021199.D

Acq: 27 Jul 2024 13:00

Tgt Ion:216 Resp: 641911

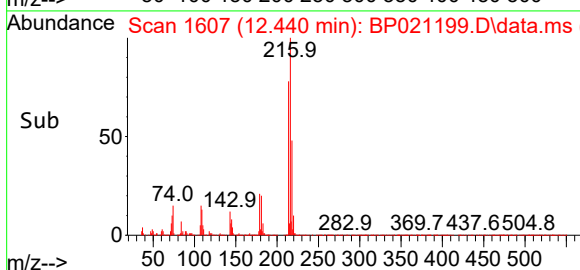
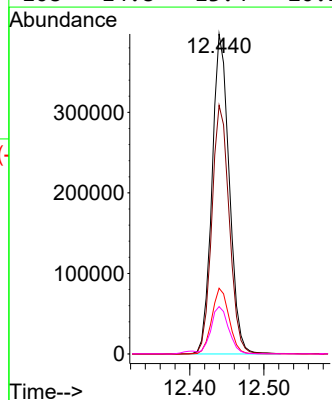
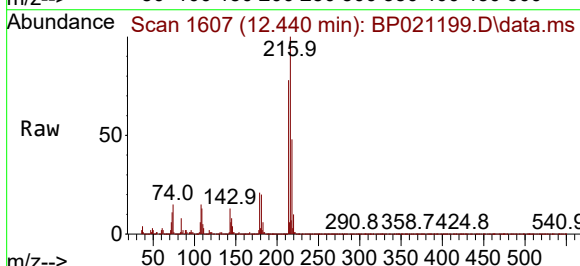
Ion Ratio Lower Upper

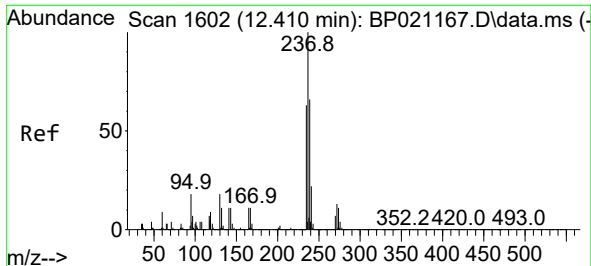
216 100

214 77.7 64.2 96.4

179 20.5 16.6 24.8

108 14.8 13.4 20.2

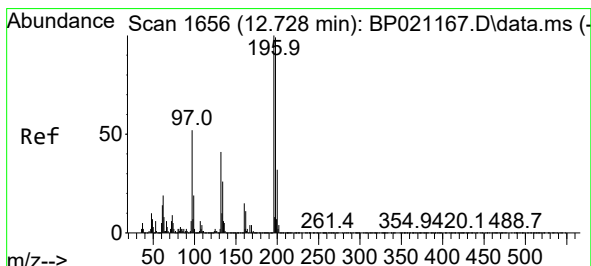
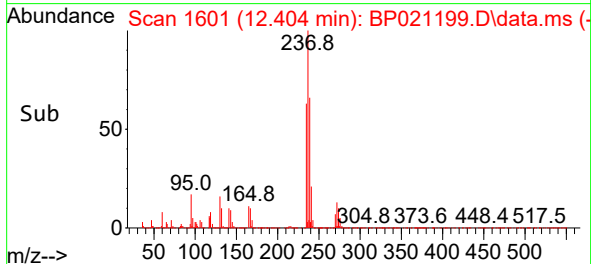
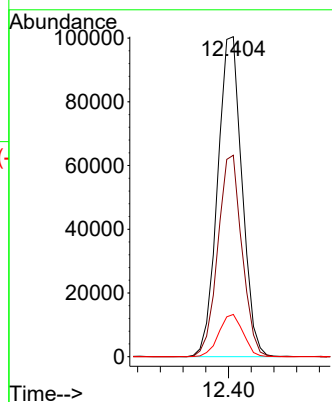
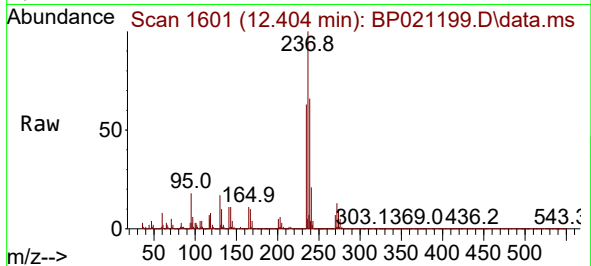




#40
Hexachlorocyclopentadiene
Concen: 13.082 ng/ul
RT: 12.404 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP021199.D
Acq: 27 Jul 2024 13:00

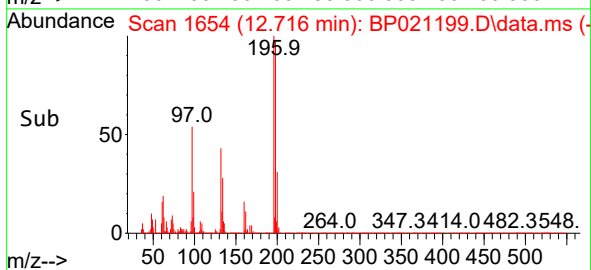
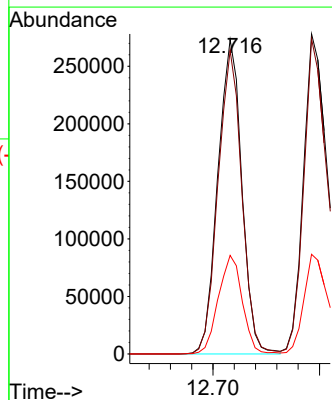
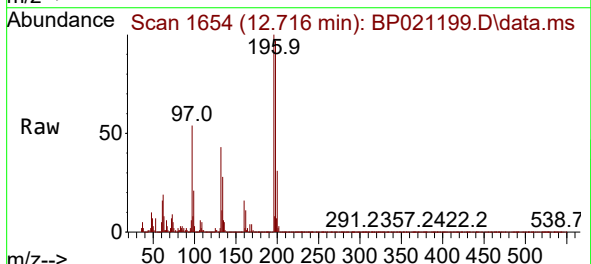
Instrument :
BNA_P
ClientSampleId :

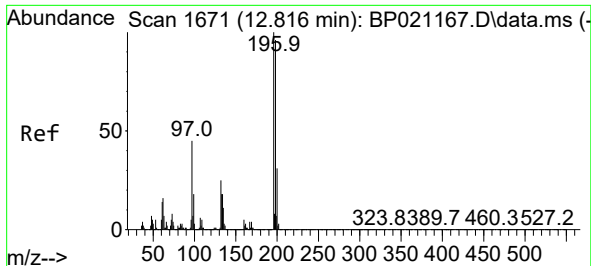
Tgt Ion:237 Resp: 149889
Ion Ratio Lower Upper
237 100
235 62.9 49.7 74.5
272 13.2 10.2 15.2



#41
2,4,6-Trichlorophenol
Concen: 30.804 ng/ul
RT: 12.716 min Scan# 1654
Delta R.T. -0.000 min
Lab File: BP021199.D
Acq: 27 Jul 2024 13:00

Tgt Ion:196 Resp: 426320
Ion Ratio Lower Upper
196 100
198 96.5 76.6 115.0
200 31.4 26.0 39.0

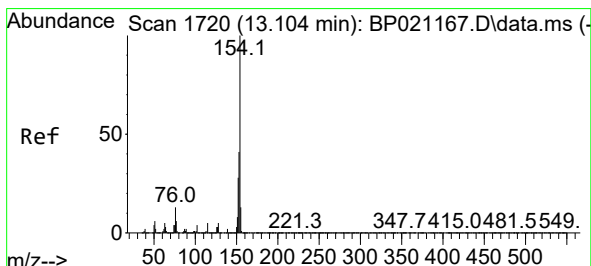
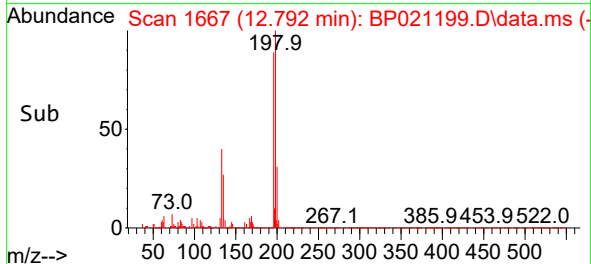
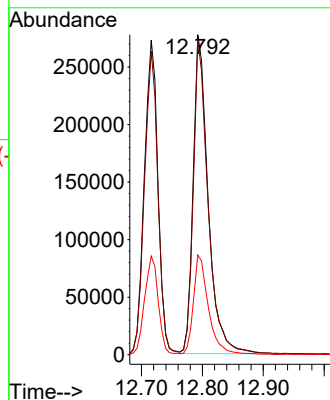
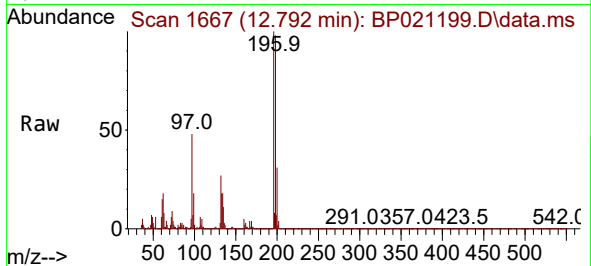




#42
2,4,5-Trichlorophenol
Concen: 32.421 ng/ul
RT: 12.792 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP021199.D
Acq: 27 Jul 2024 13:00

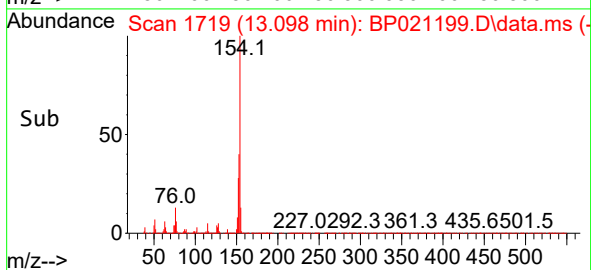
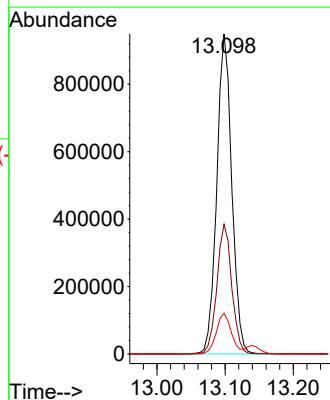
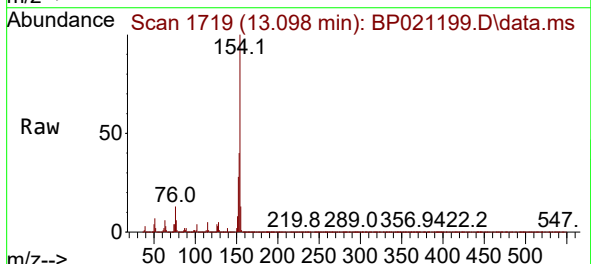
Instrument :
BNA_P
ClientSampleId :

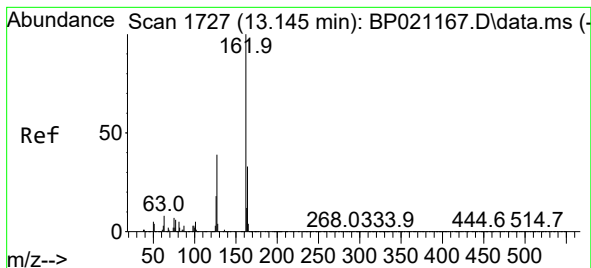
Tgt Ion:196 Resp: 474741
Ion Ratio Lower Upper
196 100
198 98.5 77.1 115.7
200 31.1 25.3 37.9



#43
1,1'-Biphenyl
Concen: 29.476 ng/ul
RT: 13.098 min Scan# 1719
Delta R.T. -0.006 min
Lab File: BP021199.D
Acq: 27 Jul 2024 13:00

Tgt Ion:154 Resp: 1452781
Ion Ratio Lower Upper
154 100
153 40.5 32.7 49.1
76 12.7 9.4 14.2





#44

2-Chloronaphthalene

Concen: 29.240 ng/ul

RT: 13.140 min Scan# 1727

Delta R.T. -0.012 min

Lab File: BP021199.D

Acq: 27 Jul 2024 13:00

Instrument :

BNA_P

ClientSampleId :

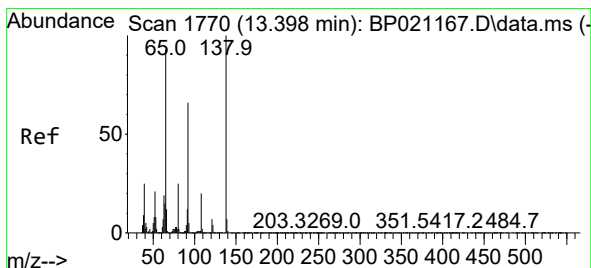
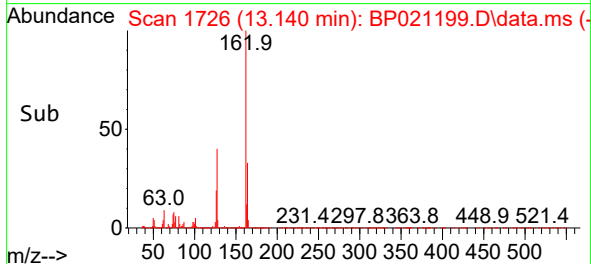
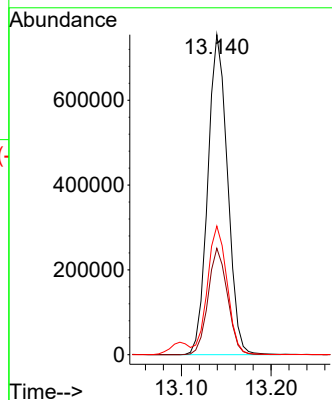
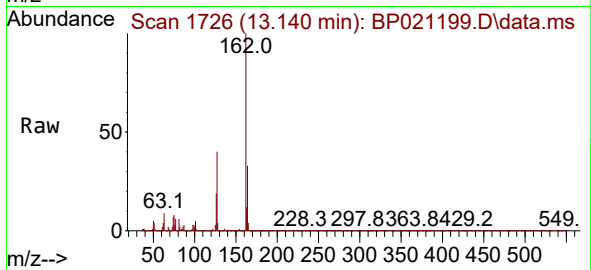
Tgt Ion:162 Resp: 1150500

Ion Ratio Lower Upper

162 100

164 33.3 26.3 39.5

127 40.2 31.8 47.8



#45

2-Nitroaniline

Concen: 36.163 ng/ul

RT: 13.387 min Scan# 1768

Delta R.T. -0.006 min

Lab File: BP021199.D

Acq: 27 Jul 2024 13:00

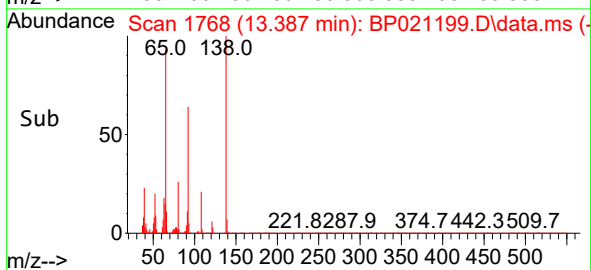
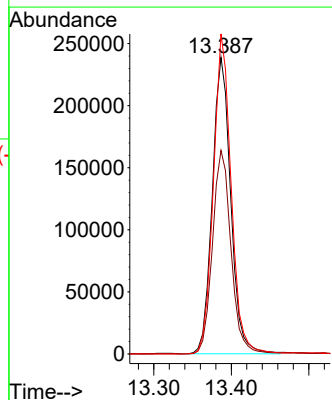
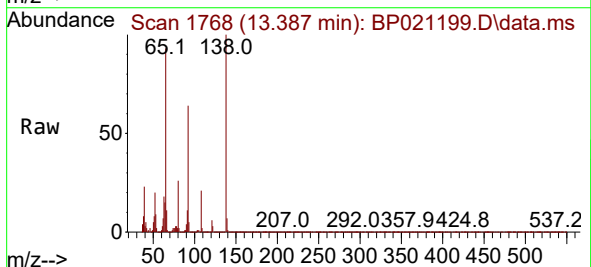
Tgt Ion: 65 Resp: 393491

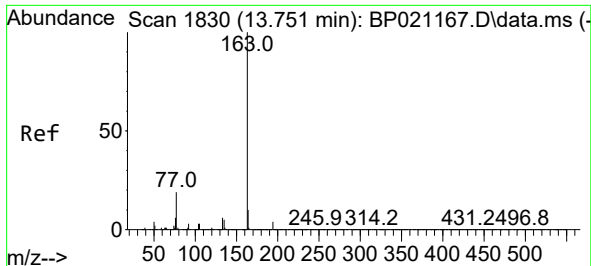
Ion Ratio Lower Upper

65 100

92 68.6 56.7 85.1

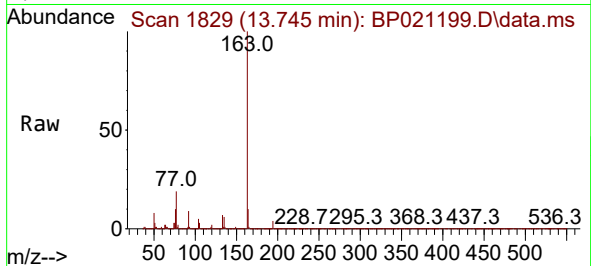
138 107.9 85.6 128.4



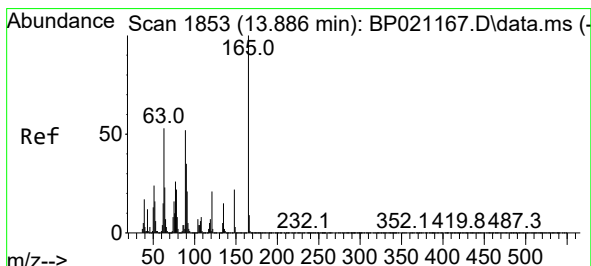
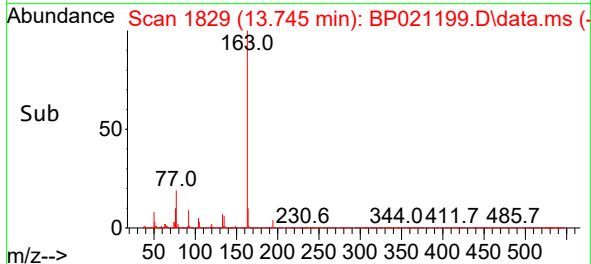
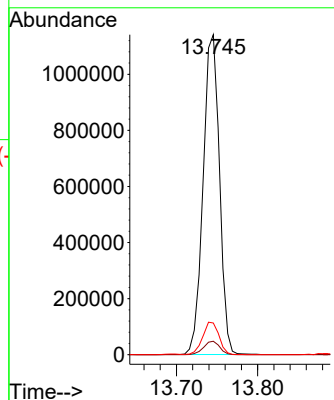


#47
Dimethylphthalate
Concen: 32.017 ng/ul
RT: 13.745 min Scan# 1829
Delta R.T. -0.000 min
Lab File: BP021199.D
Acq: 27 Jul 2024 13:00

Instrument :
BNA_P
ClientSampleId :

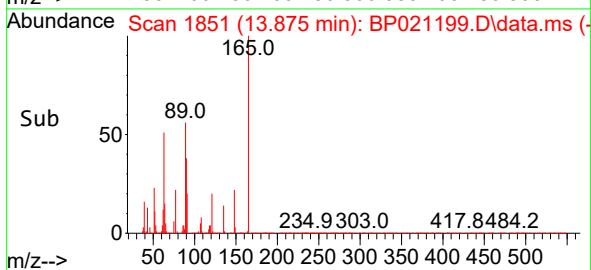
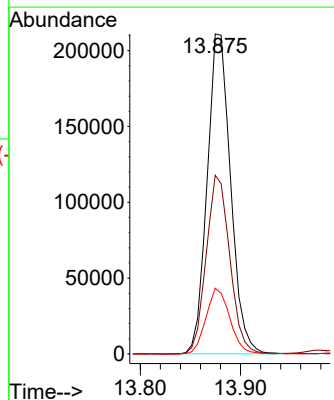
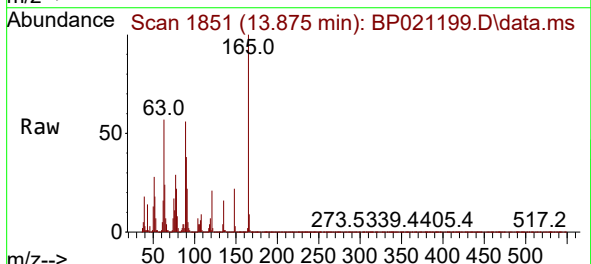


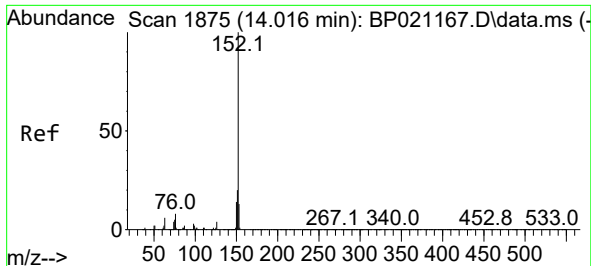
Tgt Ion:163 Resp: 1592715
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 9.9 8.1 12.1



#48
2,6-Dinitrotoluene
Concen: 34.592 ng/ul
RT: 13.875 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BP021199.D
Acq: 27 Jul 2024 13:00

Tgt Ion:165 Resp: 344034
Ion Ratio Lower Upper
165 100
89 55.9 44.7 67.1
121 20.6 16.5 24.7

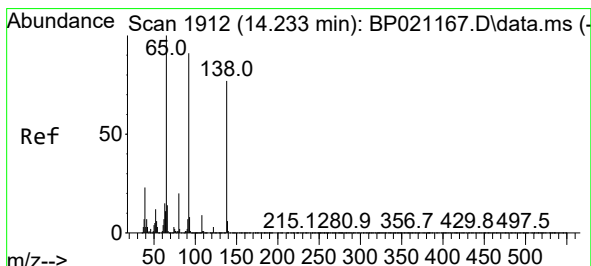
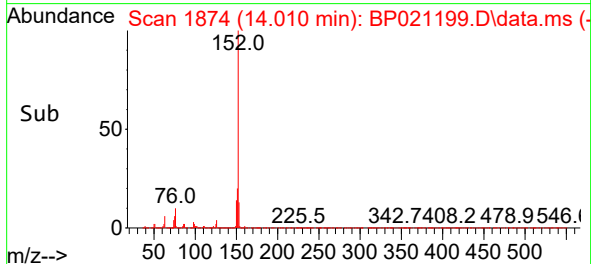
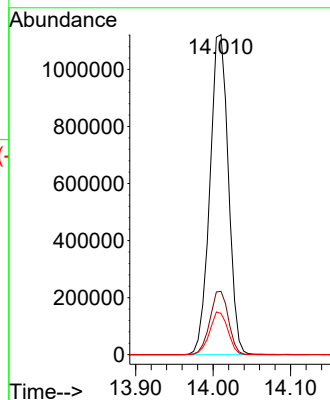
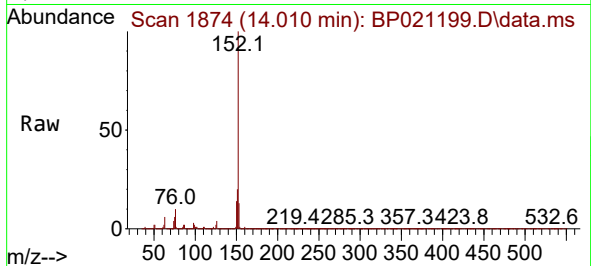




#50
Acenaphthylene
Concen: 29.823 ng/ul
RT: 14.010 min Scan# 1875
Delta R.T. -0.006 min
Lab File: BP021199.D
Acq: 27 Jul 2024 13:00

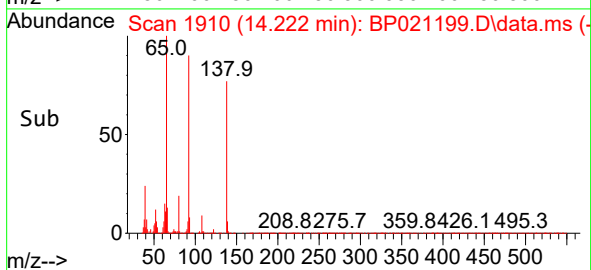
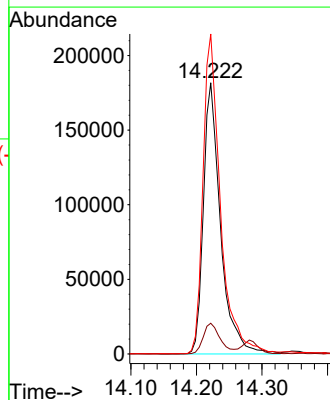
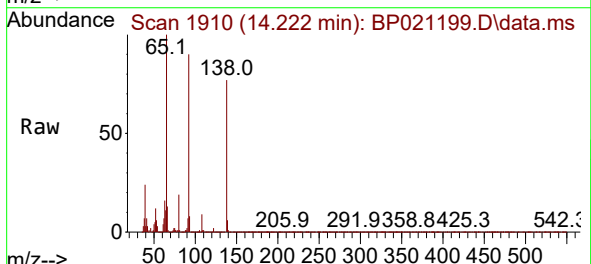
Instrument :
BNA_P
ClientSampleId :

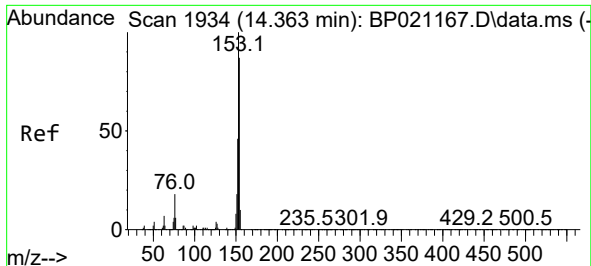
Tgt Ion:152 Resp: 1858869
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.2
153 12.9 10.3 15.5



#51
3-Nitroaniline
Concen: 38.294 ng/ul
RT: 14.222 min Scan# 1910
Delta R.T. -0.018 min
Lab File: BP021199.D
Acq: 27 Jul 2024 13:00

Tgt Ion:138 Resp: 331424
Ion Ratio Lower Upper
138 100
108 11.3 9.8 14.8
92 118.0 98.0 147.0

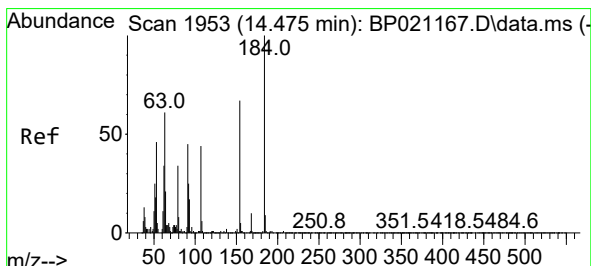
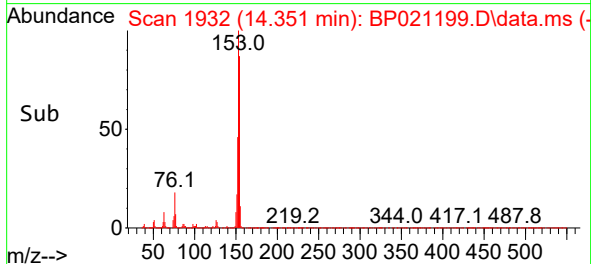
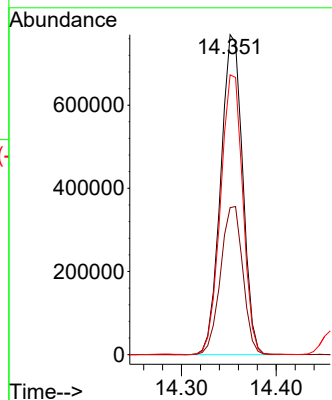
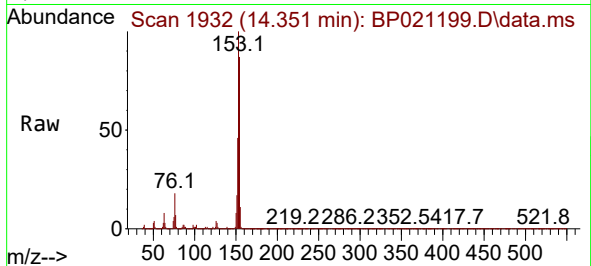




#52
Acenaphthene
Concen: 30.080 ng/ul
RT: 14.351 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BP021199.D
Acq: 27 Jul 2024 13:00

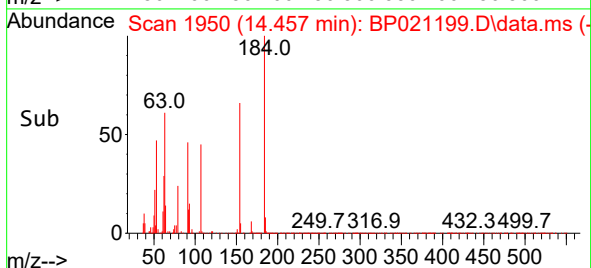
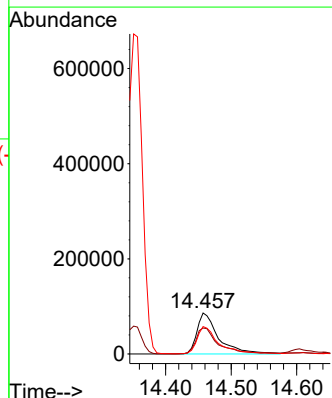
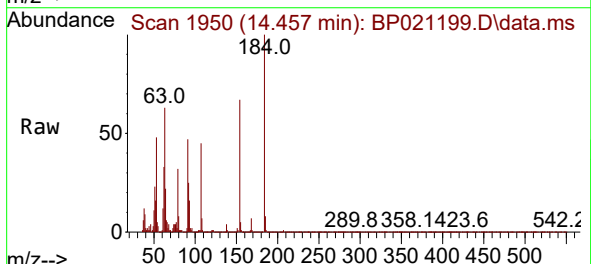
Instrument :
BNA_P
ClientSampleId :

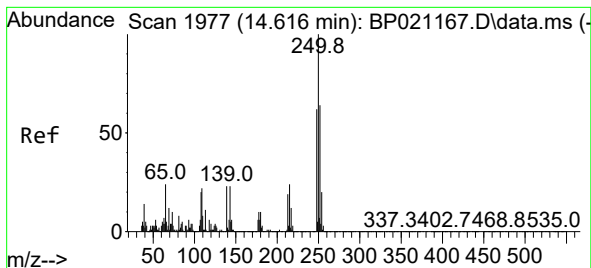
Tgt Ion:153 Resp: 1244377
Ion Ratio Lower Upper
153 100
152 45.9 37.8 56.6
154 87.4 71.8 107.6



#53
2,4-Dinitrophenol
Concen: 37.960 ng/ul
RT: 14.457 min Scan# 1950
Delta R.T. -0.012 min
Lab File: BP021199.D
Acq: 27 Jul 2024 13:00

Tgt Ion:184 Resp: 198264
Ion Ratio Lower Upper
184 100
63 63.2 50.3 75.5
154 66.7 53.0 79.6

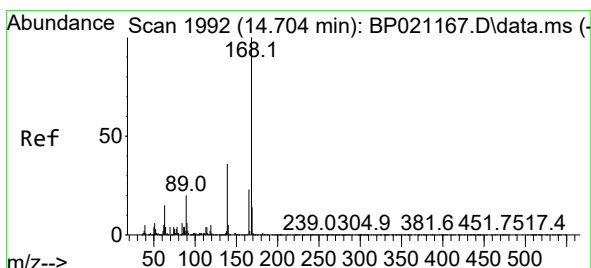
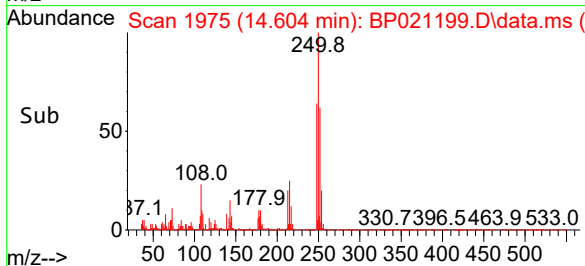
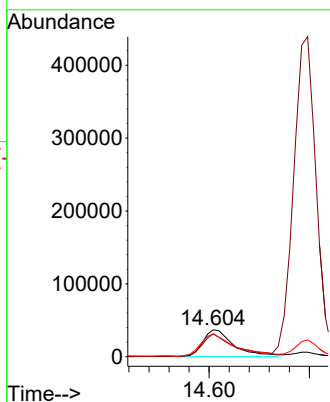
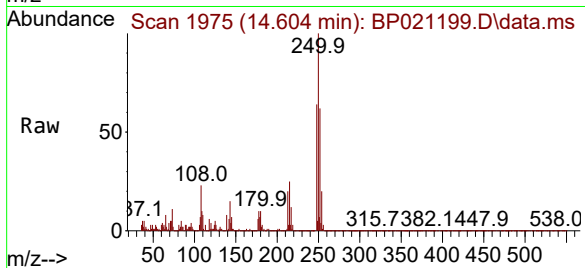




#55
4-Nitrophenol
Concen: 13.657 ng/ul
RT: 14.604 min Scan# 1977
Delta R.T. -0.006 min
Lab File: BP021199.D
Acq: 27 Jul 2024 13:00

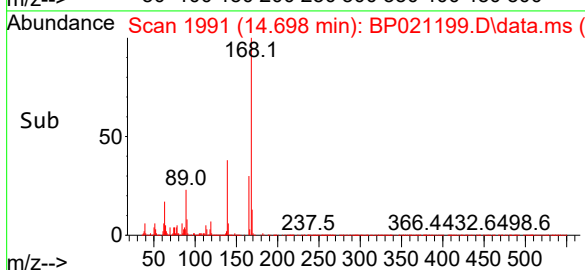
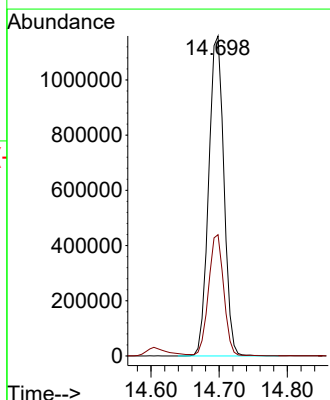
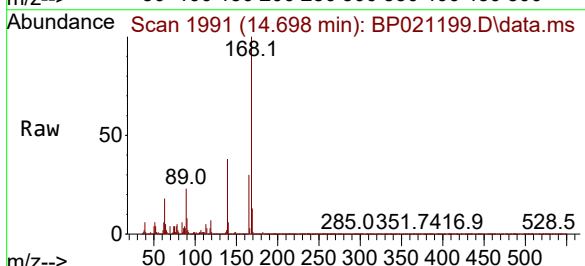
Instrument :
BNA_P
ClientSampleId :

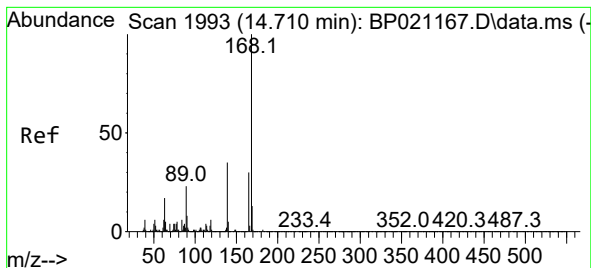
Tgt Ion:109 Resp: 77490
Ion Ratio Lower Upper
109 100
139 85.3 98.0 147.0#
65 84.5 106.0 159.0#



#56
Dibenzofuran
Concen: 31.802 ng/ul
RT: 14.698 min Scan# 1991
Delta R.T. -0.000 min
Lab File: BP021199.D
Acq: 27 Jul 2024 13:00

Tgt Ion:168 Resp: 1801609
Ion Ratio Lower Upper
168 100
139 37.9 31.1 46.7





#57

2,4-Dinitrotoluene

Concen: 36.337 ng/ul

RT: 14.698 min Scan# 1991

Delta R.T. 0.006 min

Lab File: BP021199.D

Acq: 27 Jul 2024 13:00

Instrument :

BNA_P

ClientSampleId :

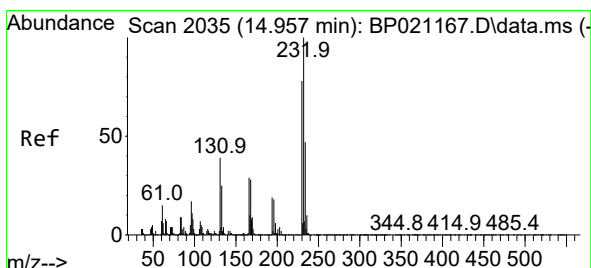
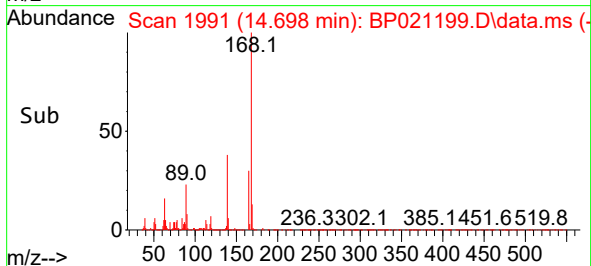
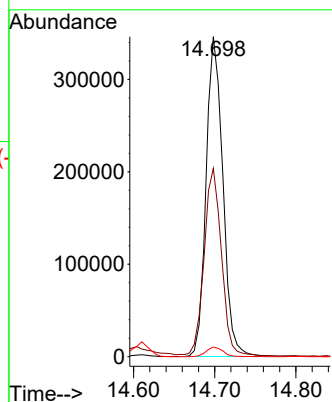
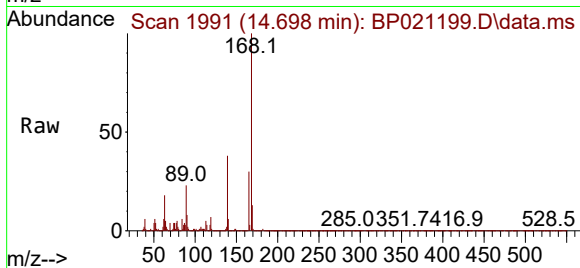
Tgt Ion:165 Resp: 496099

Ion Ratio Lower Upper

165 100

63 58.9 41.0 61.4

182 3.0 2.2 3.4



#58

2,3,4,6-Tetrachlorophenol

Concen: 31.787 ng/ul

RT: 14.939 min Scan# 2032

Delta R.T. -0.018 min

Lab File: BP021199.D

Acq: 27 Jul 2024 13:00

Tgt Ion:232 Resp: 398574

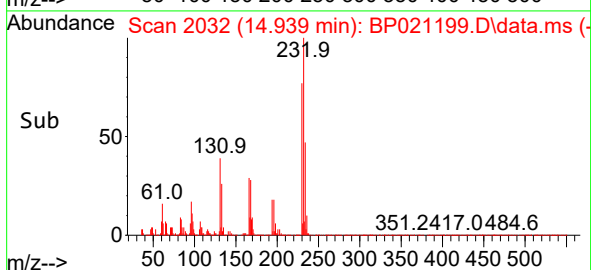
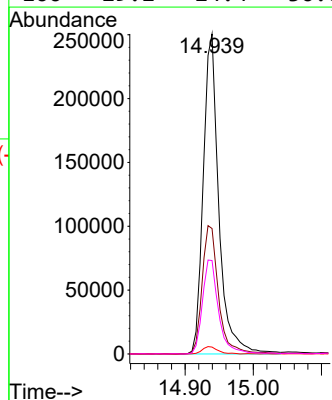
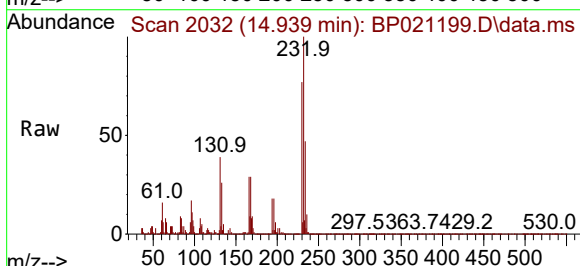
Ion Ratio Lower Upper

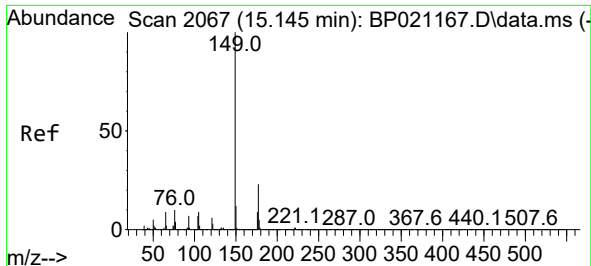
232 100

131 39.2 34.4 51.6

130 2.1 2.0 3.0

166 29.2 24.4 36.6

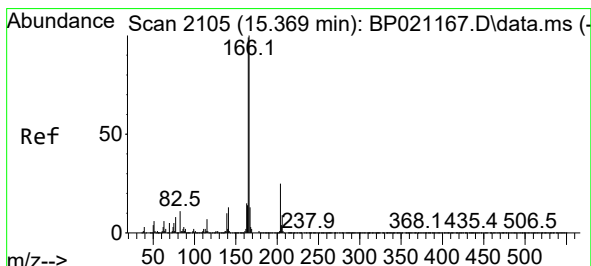
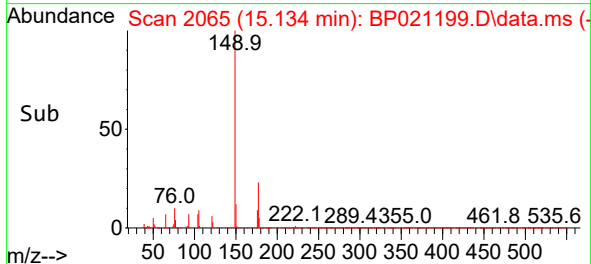
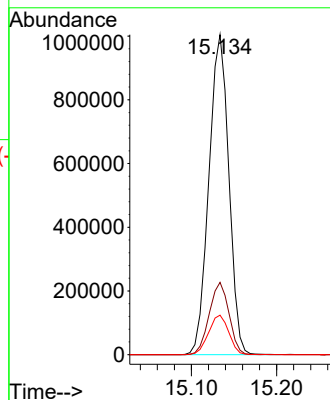
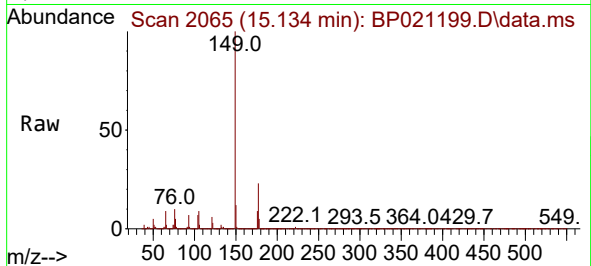




#59
Diethylphthalate
Concen: 32.800 ng/ul
RT: 15.134 min Scan# 2065
Delta R.T. -0.000 min
Lab File: BP021199.D
Acq: 27 Jul 2024 13:00

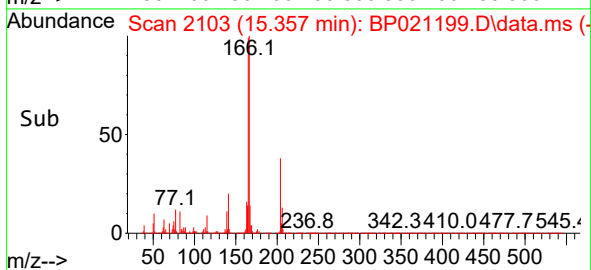
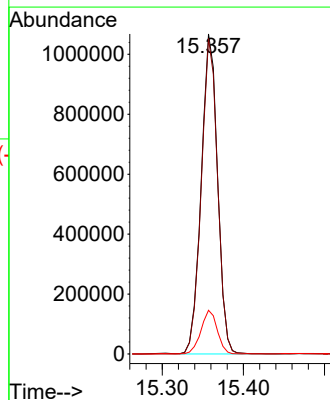
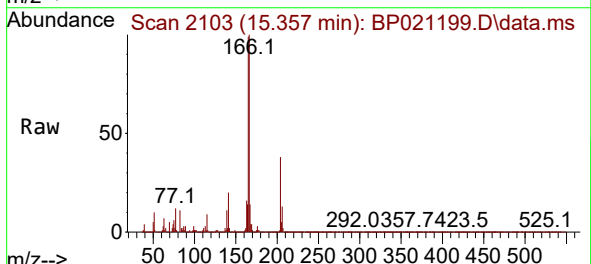
Instrument :
BNA_P
ClientSampleId :

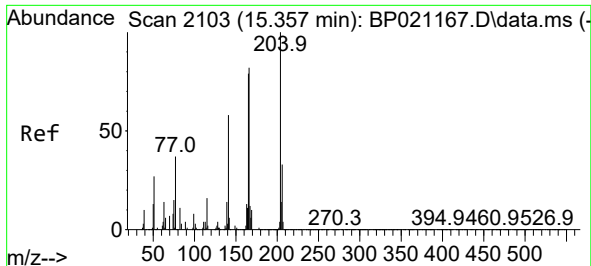
Tgt Ion:149 Resp: 1630678
Ion Ratio Lower Upper
149 100
177 22.6 17.7 26.5
150 12.4 10.2 15.2



#61
Fluorene
Concen: 32.265 ng/ul
RT: 15.357 min Scan# 2103
Delta R.T. -0.000 min
Lab File: BP021199.D
Acq: 27 Jul 2024 13:00

Tgt Ion:166 Resp: 1491596
Ion Ratio Lower Upper
166 100
165 98.6 78.1 117.1
167 13.7 10.9 16.3

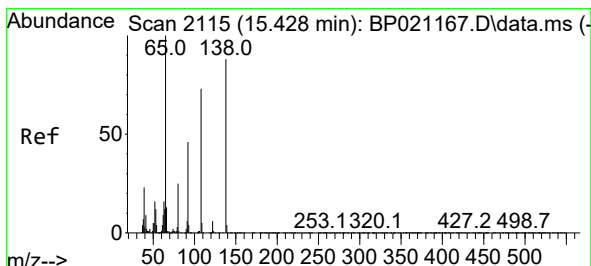
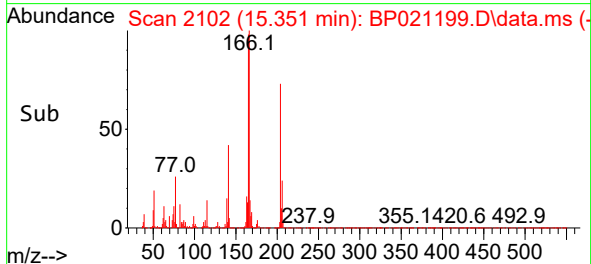
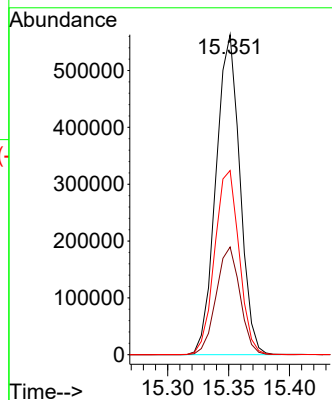
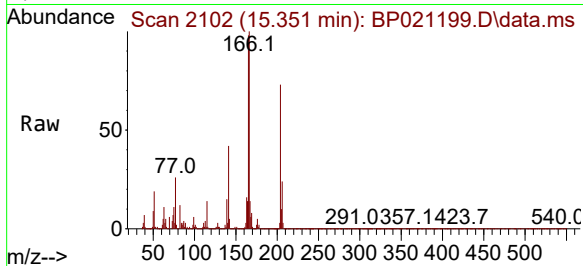




#62
4-Chlorophenyl-phenylether
Concen: 30.716 ng/ul
RT: 15.351 min Scan# 2103
Delta R.T. -0.006 min
Lab File: BP021199.D
Acq: 27 Jul 2024 13:00

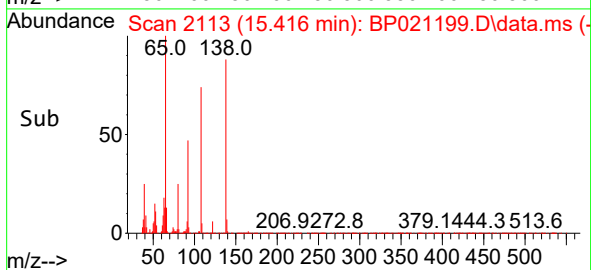
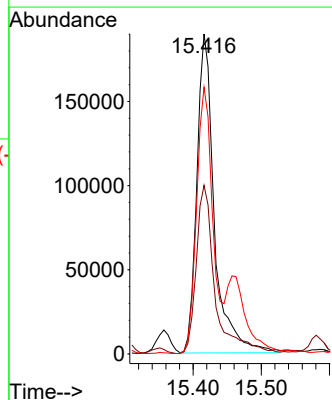
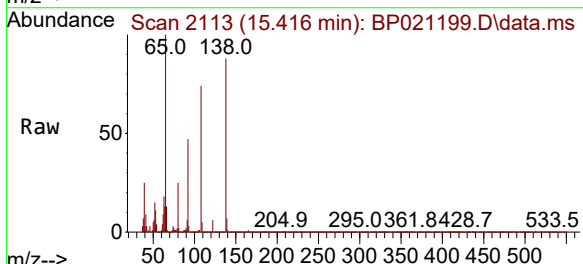
Instrument :
BNA_P
ClientSampleId :

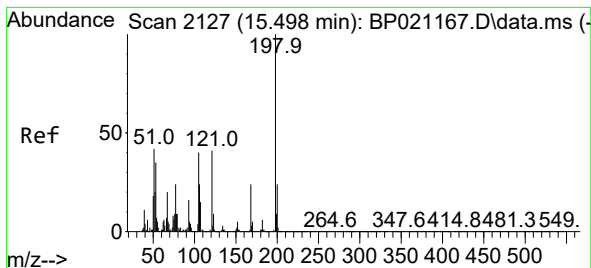
Tgt Ion:204 Resp: 770514
Ion Ratio Lower Upper
204 100
206 33.7 26.4 39.6
141 57.5 48.5 72.7



#63
4-Nitroaniline
Concen: 47.131 ng/ul
RT: 15.416 min Scan# 2113
Delta R.T. -0.012 min
Lab File: BP021199.D
Acq: 27 Jul 2024 13:00

Tgt Ion:138 Resp: 337793
Ion Ratio Lower Upper
138 100
92 52.7 40.9 61.3
108 83.4 64.7 97.1

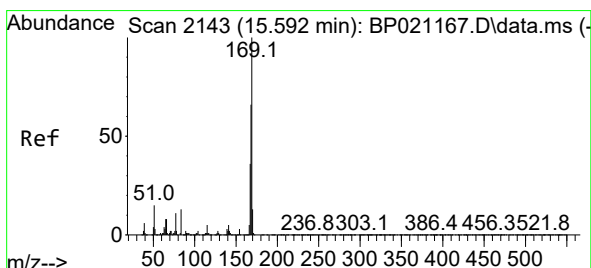
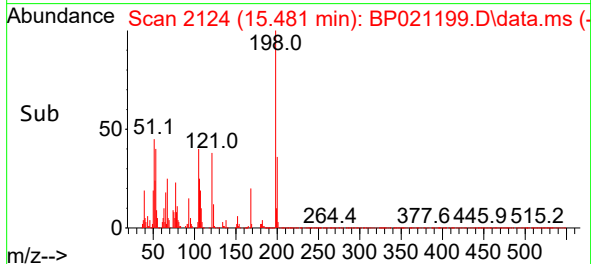
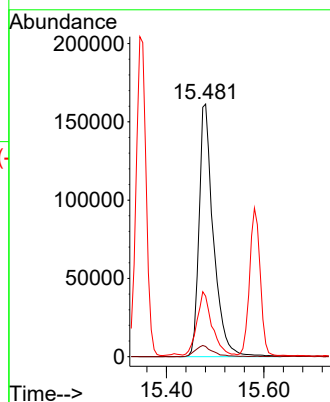
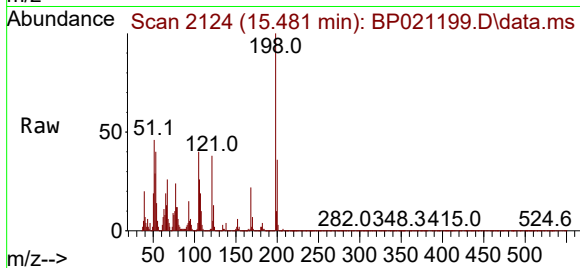




#66
4,6-Dinitro-2-methylphenol
Concen: 35.972 ng/ul
RT: 15.481 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BP021199.D
Acq: 27 Jul 2024 13:00

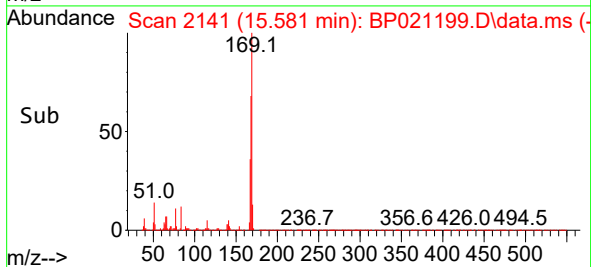
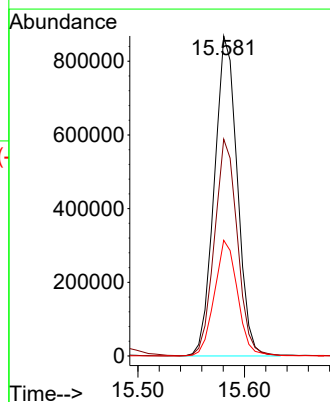
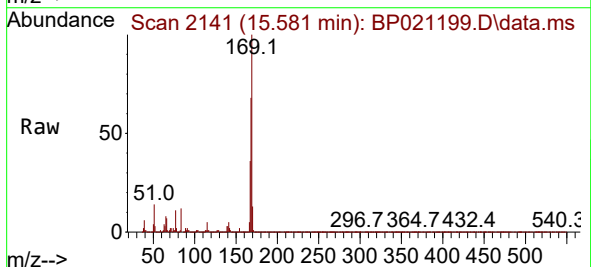
Instrument :
BNA_P
ClientSampleId :

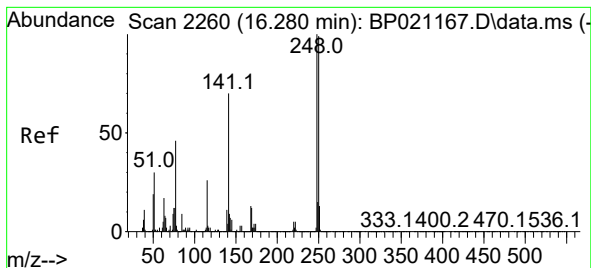
Tgt Ion:198 Resp: 331096
Ion Ratio Lower Upper
198 100
182 4.0 3.8 5.6
77 24.0 20.0 30.0



#67
N-Nitrosodiphenylamine
Concen: 31.105 ng/ul
RT: 15.581 min Scan# 2141
Delta R.T. -0.006 min
Lab File: BP021199.D
Acq: 27 Jul 2024 13:00

Tgt Ion:169 Resp: 1299334
Ion Ratio Lower Upper
169 100
168 67.8 53.4 80.2
167 36.1 28.4 42.6

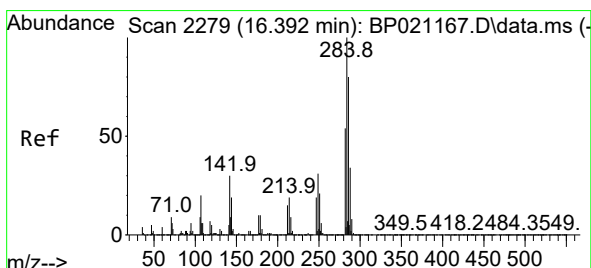
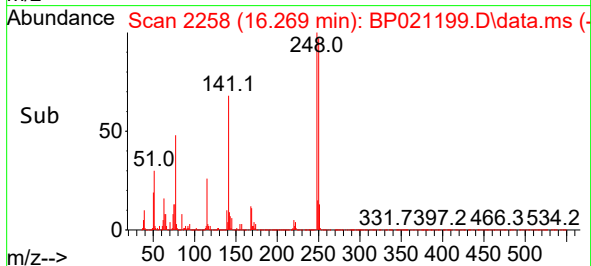
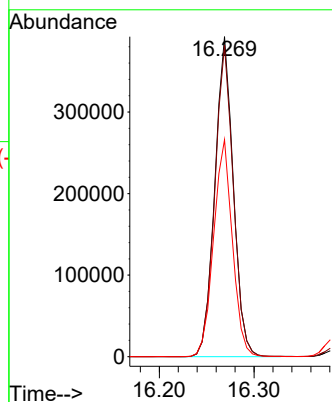
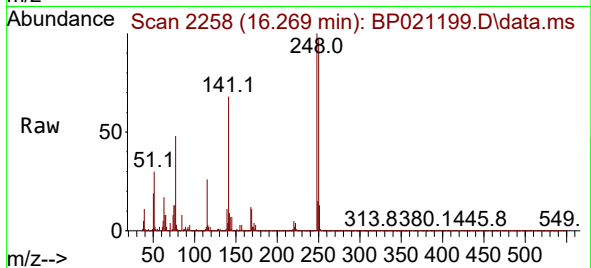




#68
4-Bromophenyl-phenylether
Concen: 31.607 ng/ul
RT: 16.269 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP021199.D
Acq: 27 Jul 2024 13:00

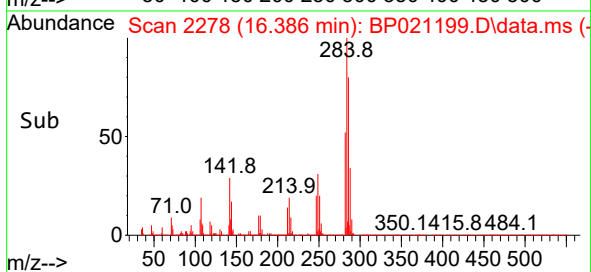
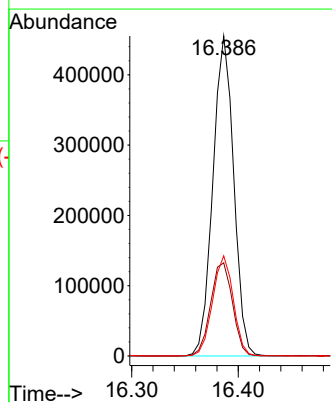
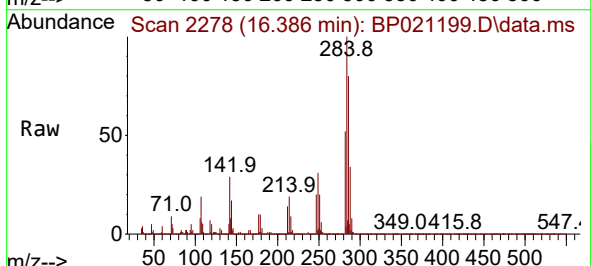
Instrument :
BNA_P
ClientSampleId :

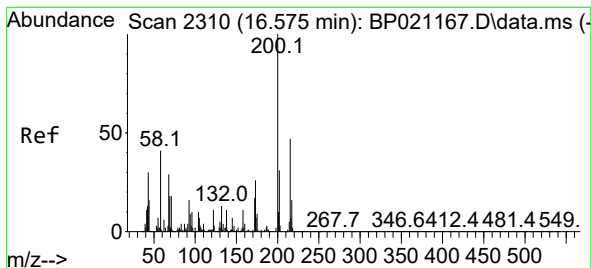
Tgt Ion:248 Resp: 531430
Ion Ratio Lower Upper
248 100
250 97.2 79.3 118.9
141 67.8 57.4 86.0



#69
Hexachlorobenzene
Concen: 32.086 ng/ul
RT: 16.386 min Scan# 2278
Delta R.T. -0.006 min
Lab File: BP021199.D
Acq: 27 Jul 2024 13:00

Tgt Ion:284 Resp: 618582
Ion Ratio Lower Upper
284 100
142 29.1 25.8 38.8
249 31.3 25.1 37.7





#70

Atrazine

Concen: 22.372 ng/ul

RT: 16.563 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP021199.D

Acq: 27 Jul 2024 13:00

Instrument :

BNA_P

ClientSampleId :

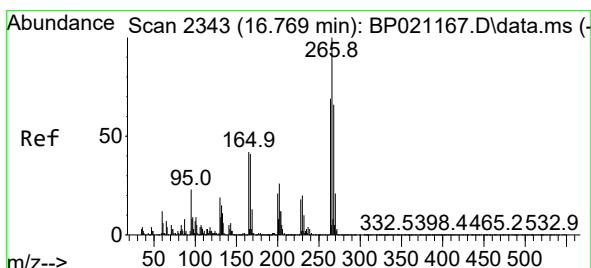
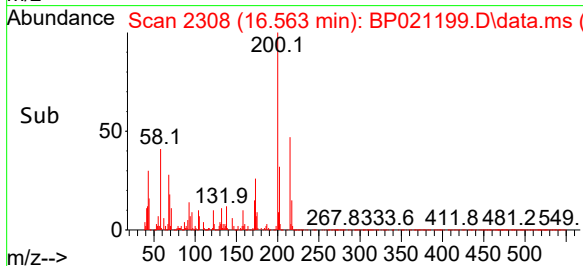
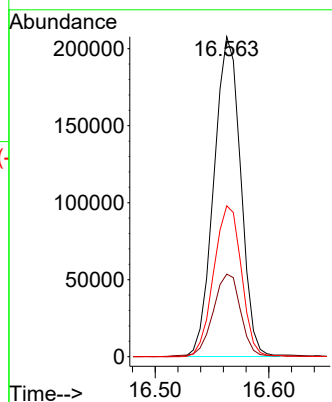
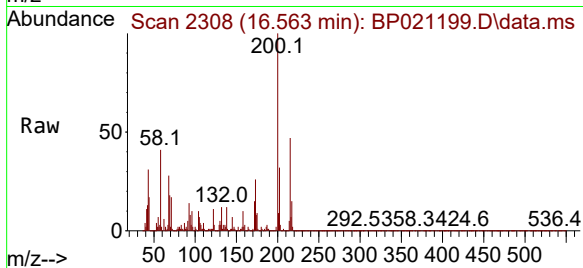
Tgt Ion:200 Resp: 340588

Ion Ratio Lower Upper

200 100

173 25.8 20.8 31.2

215 47.2 38.7 58.1



#71

Pentachlorophenol

Concen: 28.640 ng/ul

RT: 16.757 min Scan# 2341

Delta R.T. -0.006 min

Lab File: BP021199.D

Acq: 27 Jul 2024 13:00

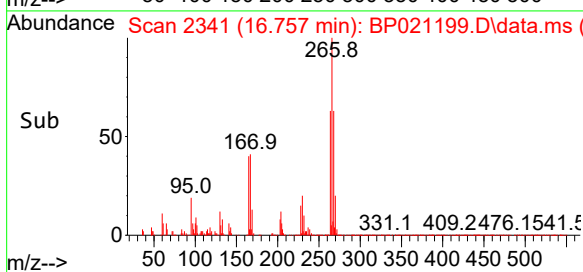
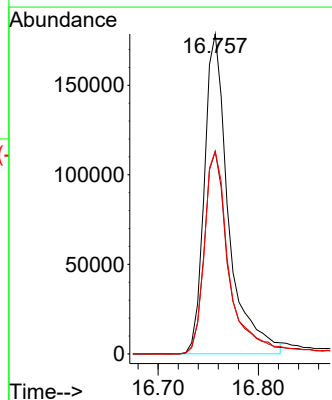
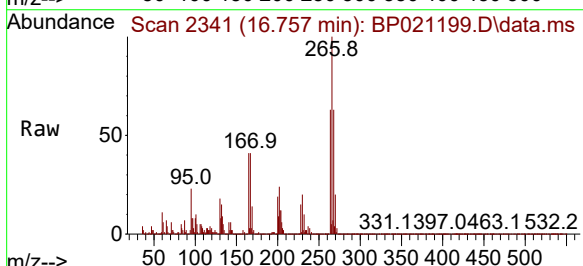
Tgt Ion:266 Resp: 299880

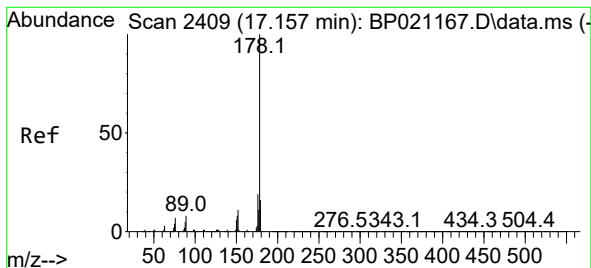
Ion Ratio Lower Upper

266 100

264 63.2 52.3 78.5

268 63.4 52.3 78.5





#72

Phenanthrene

Concen: 32.979 ng/ul

RT: 17.145 min Scan# 2409

Delta R.T. -0.000 min

Lab File: BP021199.D

Acq: 27 Jul 2024 13:00

Instrument :

BNA_P

ClientSampleId :

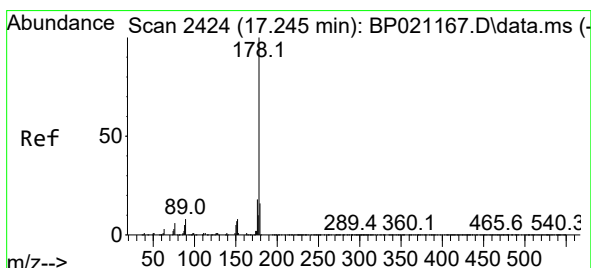
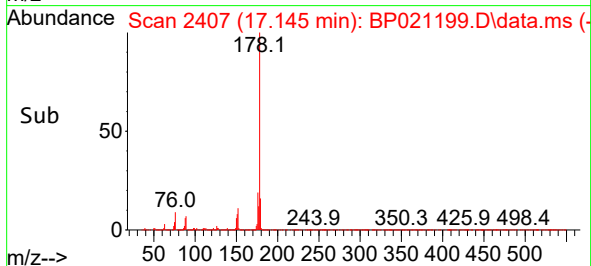
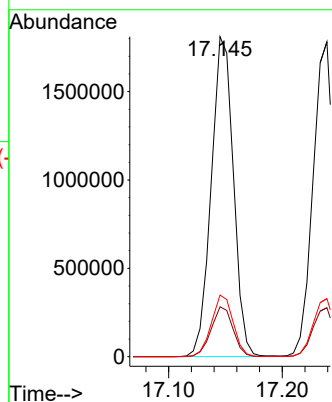
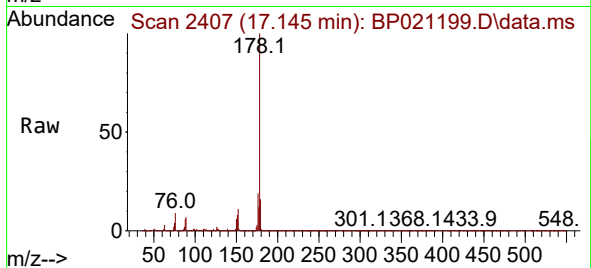
Tgt Ion:178 Resp: 2454182

Ion Ratio Lower Upper

178 100

179 15.6 12.2 18.4

176 19.3 15.0 22.4



#74

Anthracene

Concen: 32.051 ng/ul

RT: 17.239 min Scan# 2423

Delta R.T. -0.000 min

Lab File: BP021199.D

Acq: 27 Jul 2024 13:00

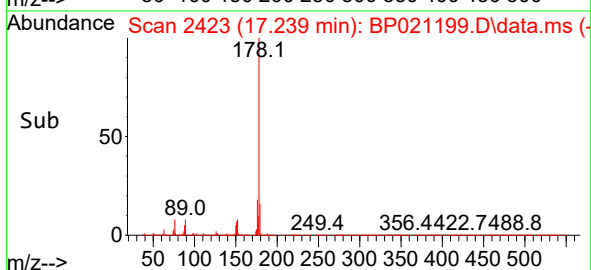
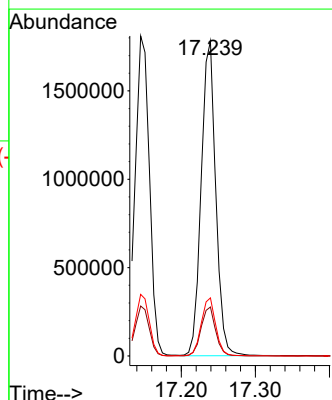
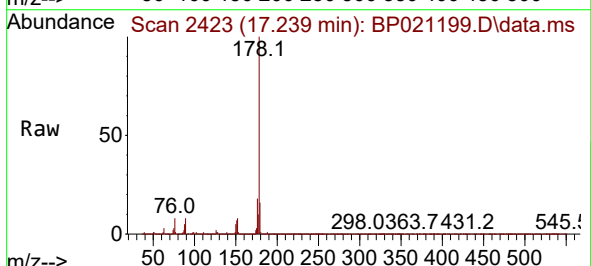
Tgt Ion:178 Resp: 2431535

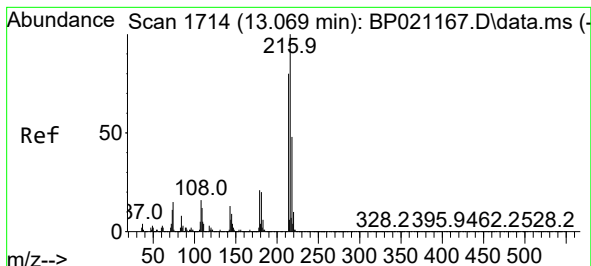
Ion Ratio Lower Upper

178 100

179 15.5 12.5 18.7

176 18.5 14.8 22.2

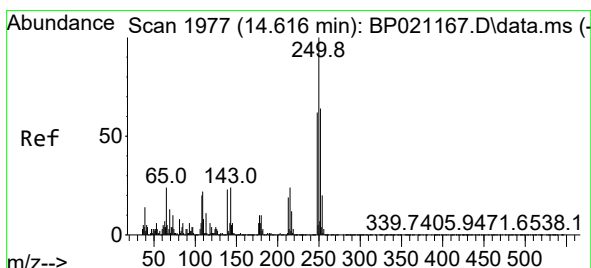
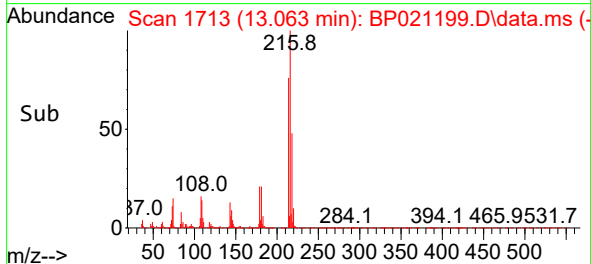
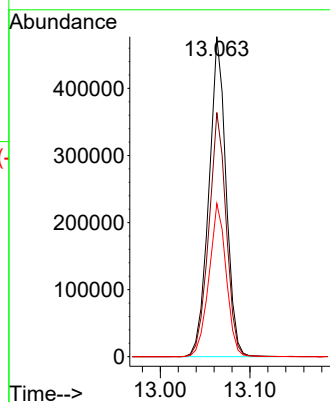
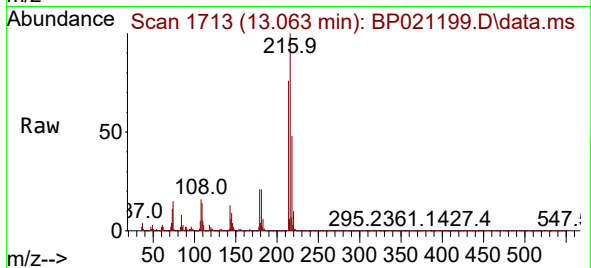




#75
1,2,3,4-Tetrachlorobenzene
Concen: 27.544 ng/uL
RT: 13.063 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP021199.D
Acq: 27 Jul 2024 13:00

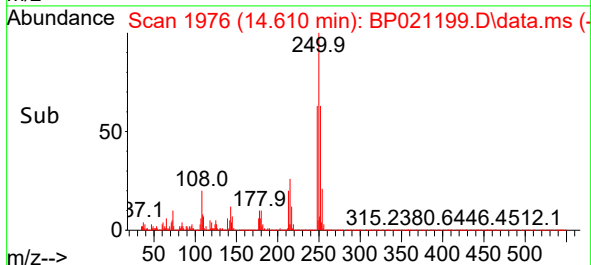
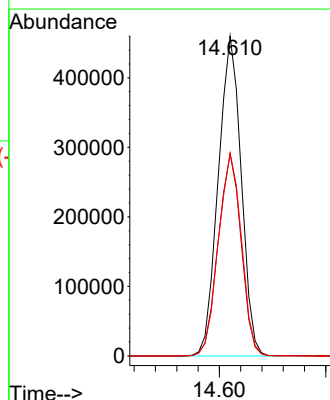
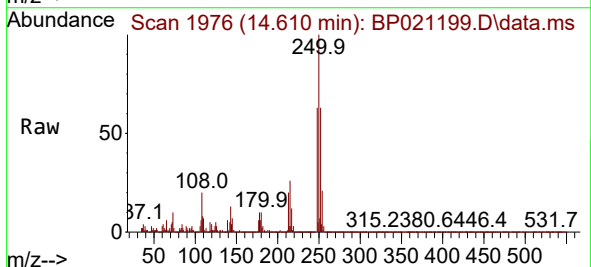
Instrument :
BNA_P
ClientSampleId :

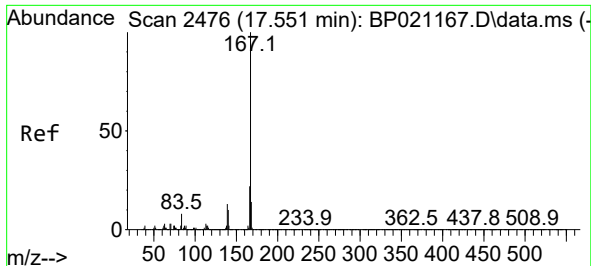
Tgt Ion:216 Resp: 632410
Ion Ratio Lower Upper
216 100
214 76.3 63.2 94.8
218 47.8 38.2 57.4



#76
Pentachlorobenzene
Concen: 30.061 ng/uL
RT: 14.610 min Scan# 1976
Delta R.T. -0.006 min
Lab File: BP021199.D
Acq: 27 Jul 2024 13:00

Tgt Ion:250 Resp: 685833
Ion Ratio Lower Upper
250 100
248 63.1 50.8 76.2
252 63.4 51.6 77.4

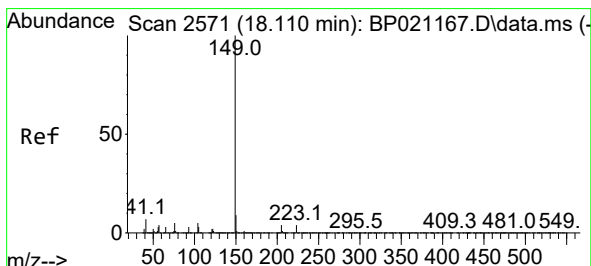
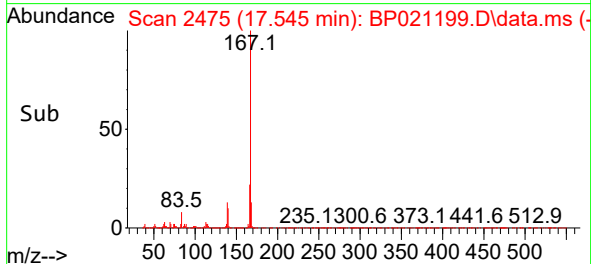
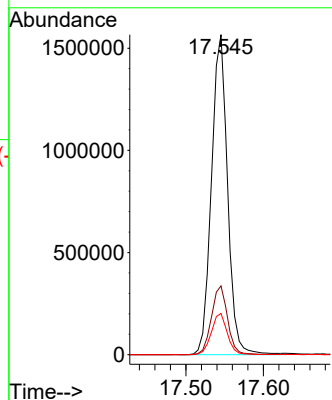
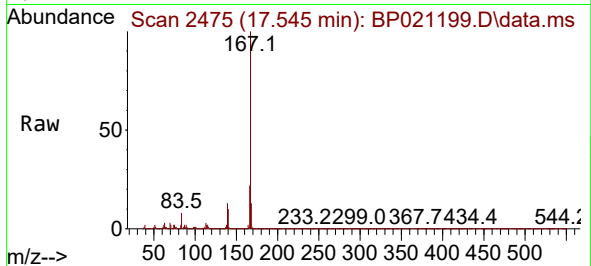




#77
Carbazole
Concen: 36.384 ng/ul
RT: 17.545 min Scan# 2476
Delta R.T. 0.006 min
Lab File: BP021199.D
Acq: 27 Jul 2024 13:00

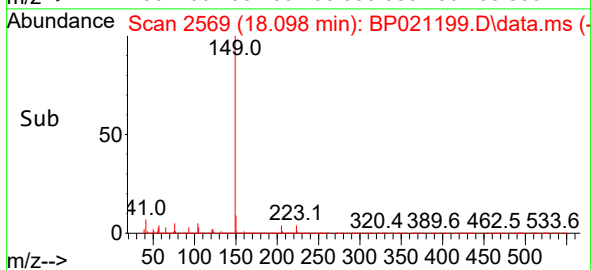
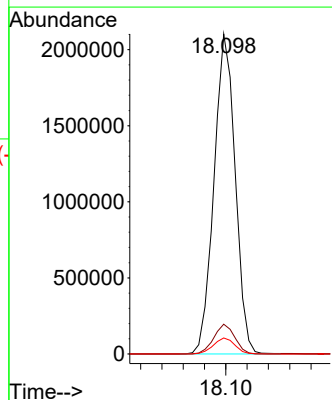
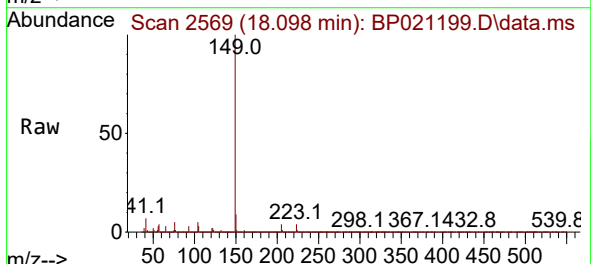
Instrument :
BNA_P
ClientSampleId :

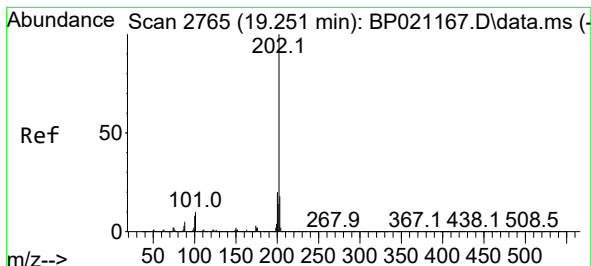
Tgt Ion:167 Resp: 2256415
Ion Ratio Lower Upper
167 100
166 21.5 17.3 25.9
139 12.9 10.2 15.2



#78
Di-n-butylphthalate
Concen: 33.934 ng/ul
RT: 18.098 min Scan# 2569
Delta R.T. -0.006 min
Lab File: BP021199.D
Acq: 27 Jul 2024 13:00

Tgt Ion:149 Resp: 2903426
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.0
104 5.0 3.9 5.9





#80

Fluoranthene

Concen: 28.919 ng/ul

RT: 19.233 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP021199.D

Acq: 27 Jul 2024 13:00

Instrument :

BNA_P

ClientSampleId :

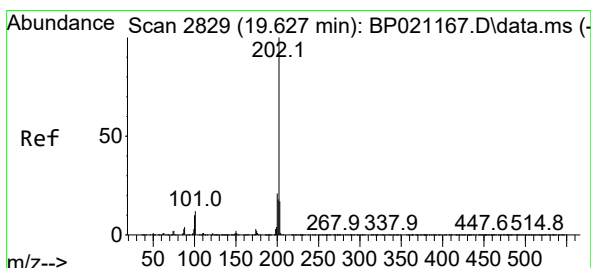
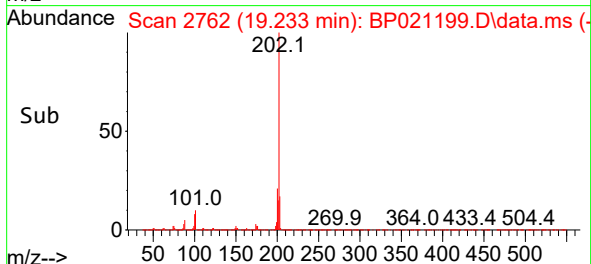
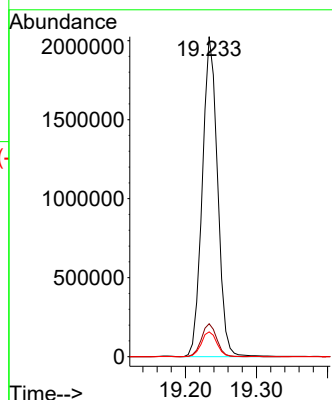
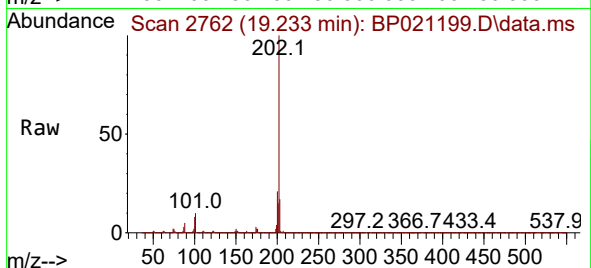
Tgt Ion:202 Resp: 3030126

Ion Ratio Lower Upper

202 100

101 10.3 8.0 12.0

100 7.7 6.1 9.1



#82

Pyrene

Concen: 29.877 ng/ul

RT: 19.616 min Scan# 2827

Delta R.T. -0.000 min

Lab File: BP021199.D

Acq: 27 Jul 2024 13:00

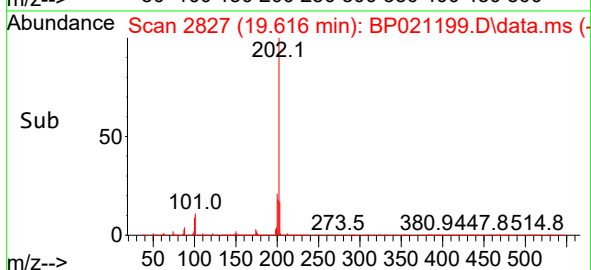
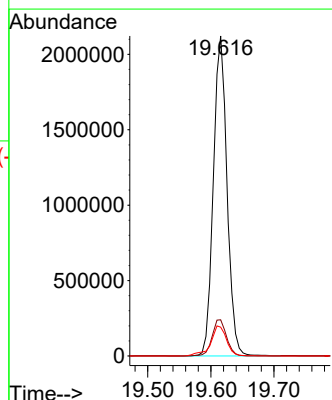
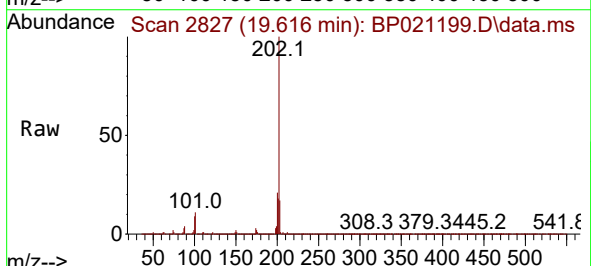
Tgt Ion:202 Resp: 3185588

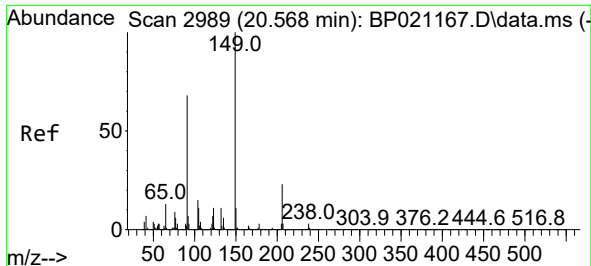
Ion Ratio Lower Upper

202 100

101 11.3 9.4 14.2

100 9.0 7.8 11.6

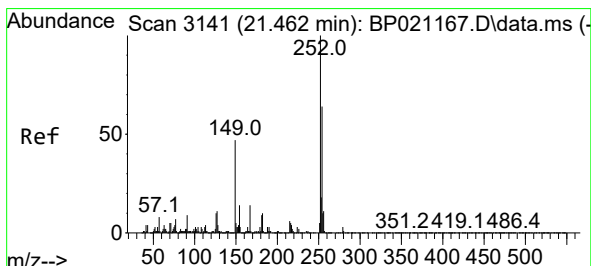
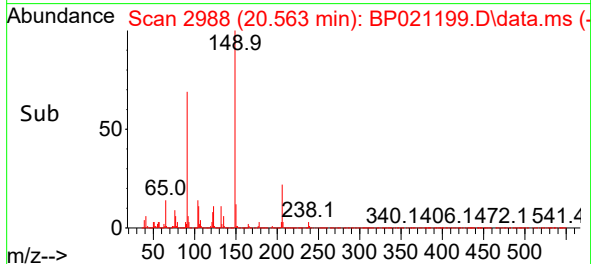
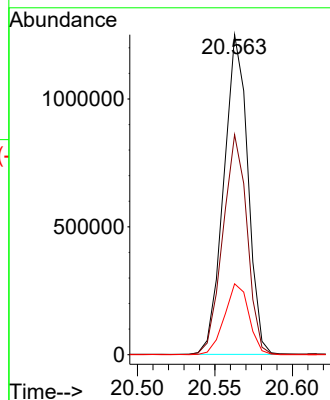
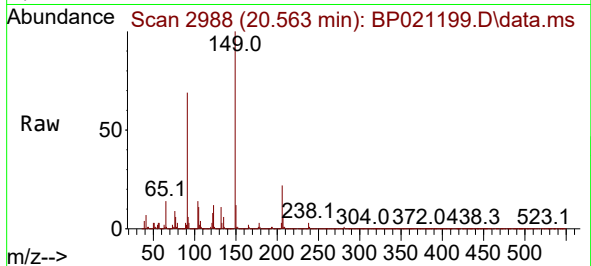




#83
Butylbenzylphthalate
Concen: 30.416 ng/ul
RT: 20.563 min Scan# 2989
Delta R.T. -0.000 min
Lab File: BP021199.D
Acq: 27 Jul 2024 13:00

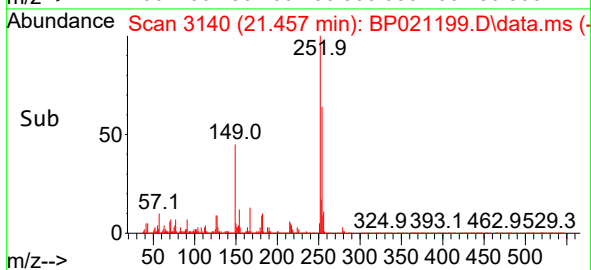
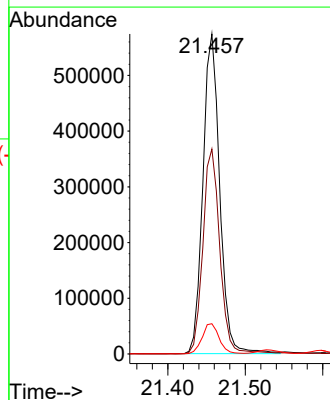
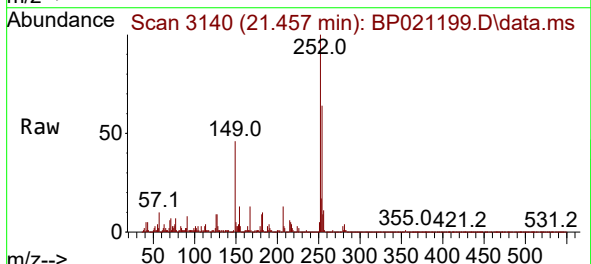
Instrument :
BNA_P
ClientSampleId :

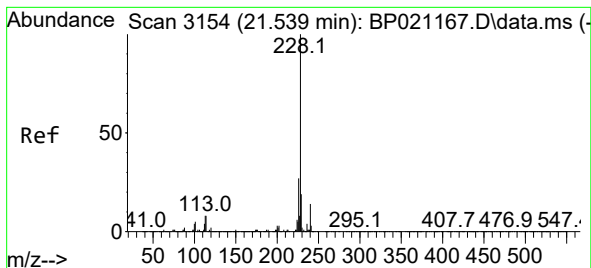
Tgt Ion:149 Resp: 1351188
Ion Ratio Lower Upper
149 100
91 68.8 54.1 81.1
206 22.2 17.0 25.6



#84
3,3'-Dichlorobenzidine
Concen: 26.966 ng/ul
RT: 21.457 min Scan# 3140
Delta R.T. -0.006 min
Lab File: BP021199.D
Acq: 27 Jul 2024 13:00

Tgt Ion:252 Resp: 864737
Ion Ratio Lower Upper
252 100
254 64.0 51.5 77.3
126 9.4 8.0 12.0





#85

Benzo(a)anthracene

Concen: 32.641 ng/ul

RT: 21.533 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP021199.D

Acq: 27 Jul 2024 13:00

Instrument :

BNA_P

ClientSampleId :

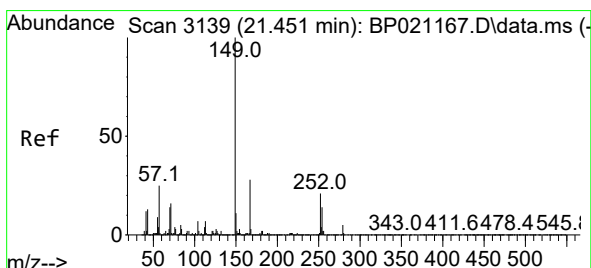
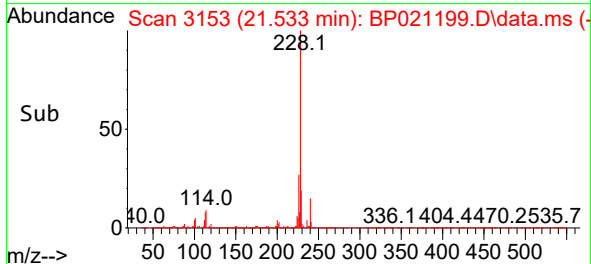
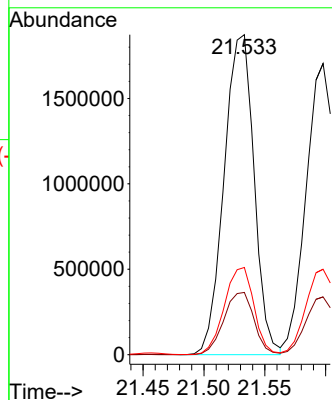
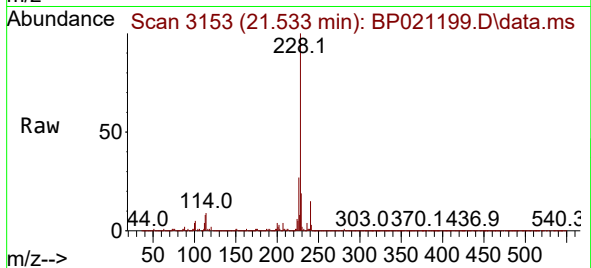
Tgt Ion:228 Resp: 3208791

Ion Ratio Lower Upper

228 100

229 19.5 15.5 23.3

226 27.3 21.4 32.2



#86

Bis(2-ethylhexyl)phthalate

Concen: 29.703 ng/ul

RT: 21.439 min Scan# 3137

Delta R.T. -0.012 min

Lab File: BP021199.D

Acq: 27 Jul 2024 13:00

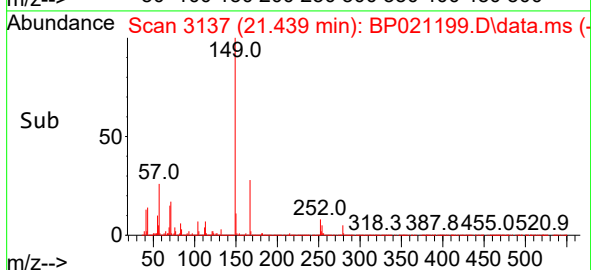
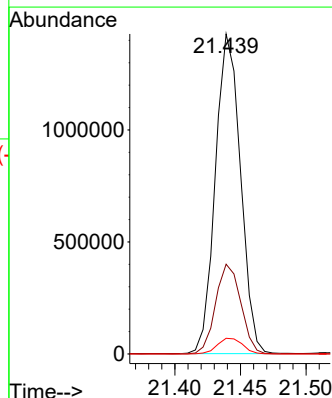
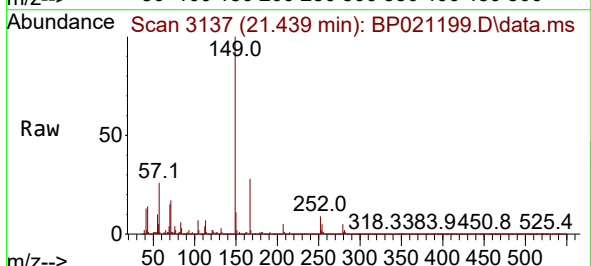
Tgt Ion:149 Resp: 1898920

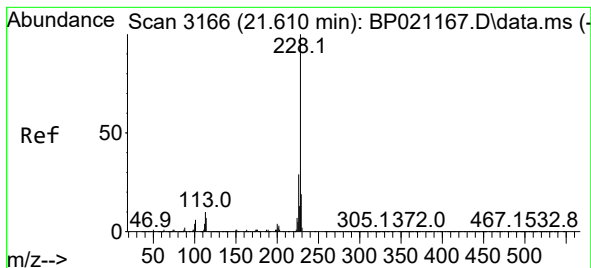
Ion Ratio Lower Upper

149 100

167 28.1 22.1 33.1

279 4.9 3.7 5.5





#87

Chrysene

Concen: 32.665 ng/ul

RT: 21.598 min Scan# 3164

Delta R.T. -0.006 min

Lab File: BP021199.D

Acq: 27 Jul 2024 13:00

Instrument :

BNA_P

ClientSampleId :

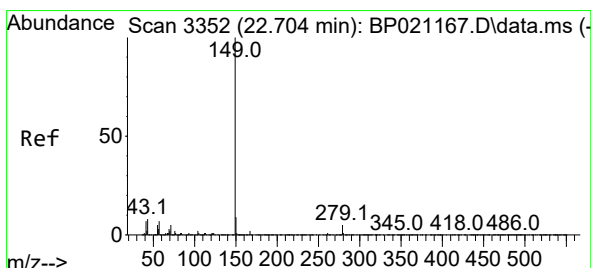
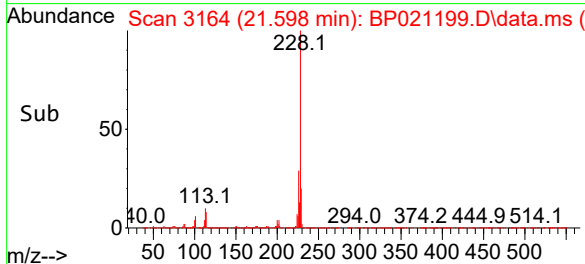
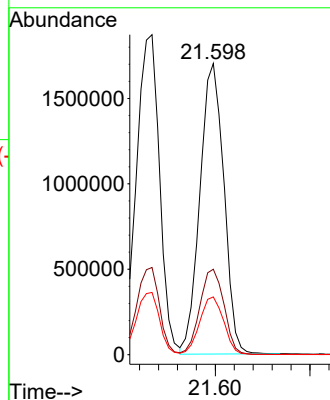
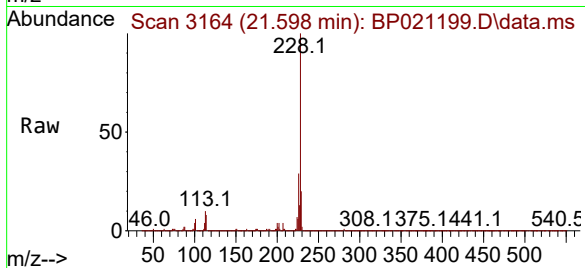
Tgt Ion:228 Resp: 2983869

Ion Ratio Lower Upper

228 100

226 29.3 23.6 35.4

229 19.9 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 31.272 ng/ul

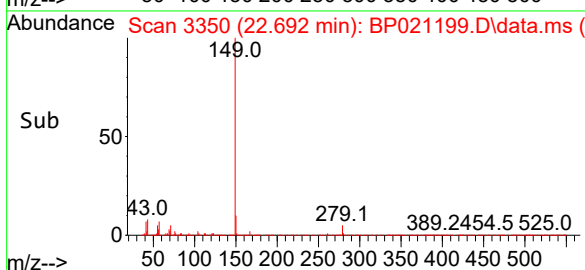
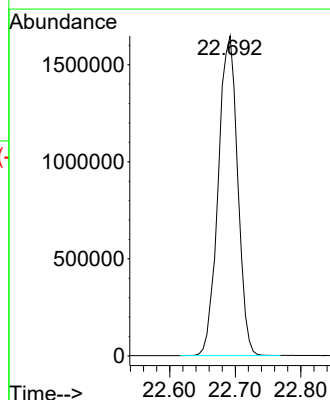
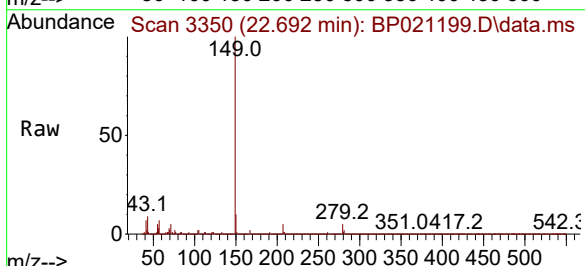
RT: 22.692 min Scan# 3350

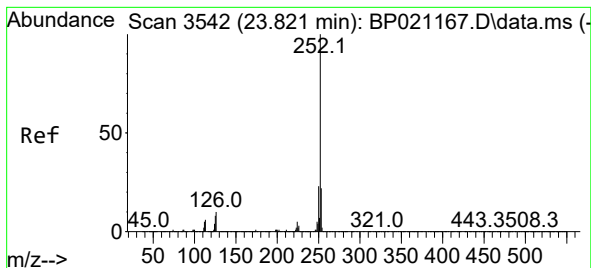
Delta R.T. -0.000 min

Lab File: BP021199.D

Acq: 27 Jul 2024 13:00

Tgt Ion:149 Resp: 3378025





#90

Benzo(b)fluoranthene

Concen: 33.715 ng/ul

RT: 23.810 min Scan# 3

Delta R.T. -0.012 min

Lab File: BP021199.D

Acq: 27 Jul 2024 13:00

Instrument :

BNA_P

ClientSampleId :

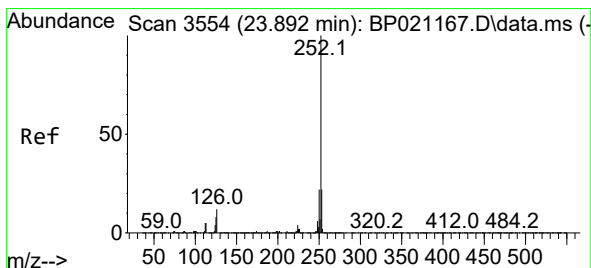
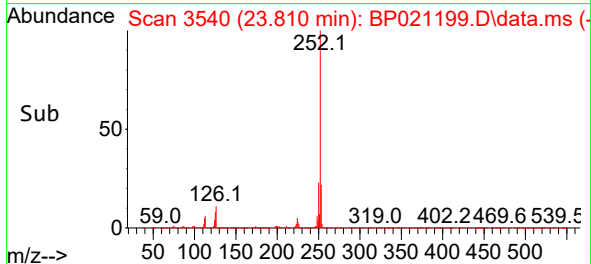
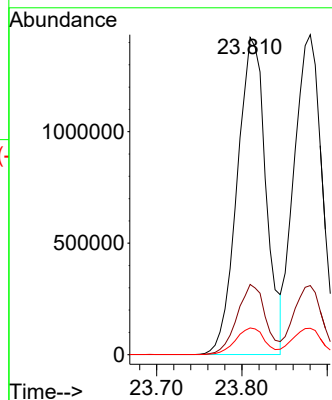
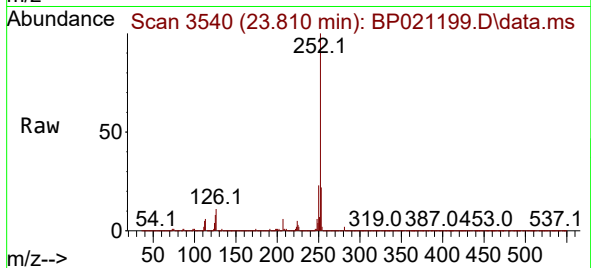
Tgt Ion:252 Resp: 3345592

Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

125 8.5 7.0 10.4



#91

Benzo(k)fluoranthene

Concen: 32.882 ng/ul

RT: 23.880 min Scan# 3552

Delta R.T. -0.006 min

Lab File: BP021199.D

Acq: 27 Jul 2024 13:00

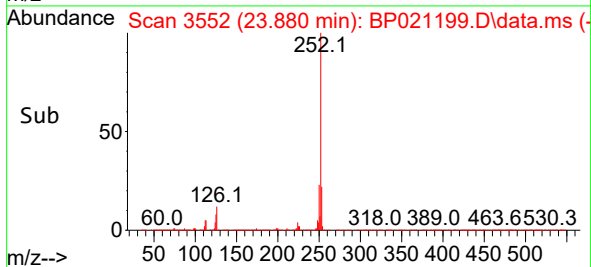
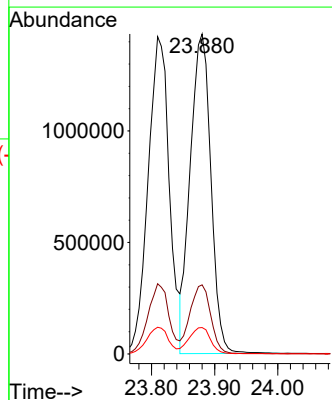
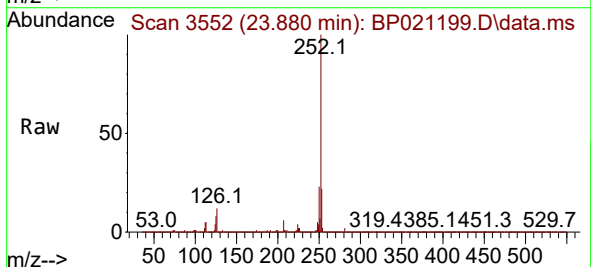
Tgt Ion:252 Resp: 3256241

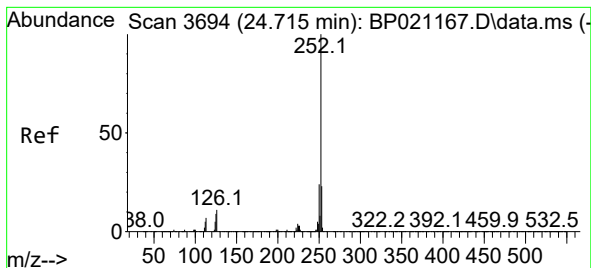
Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.2

125 8.2 7.4 11.0





#93

Benzo(a)pyrene

Concen: 29.689 ng/ul

RT: 24.709 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP021199.D

Acq: 27 Jul 2024 13:00

Instrument :

BNA_P

ClientSampleId :

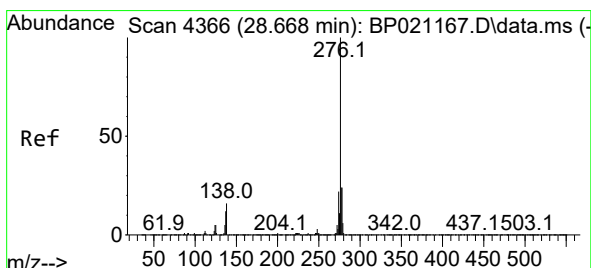
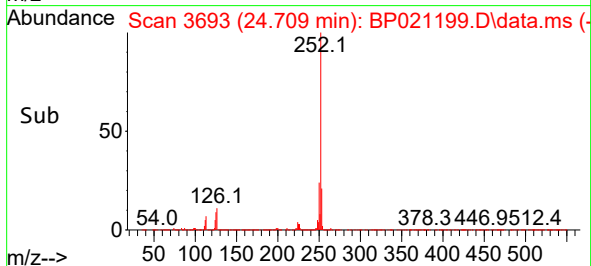
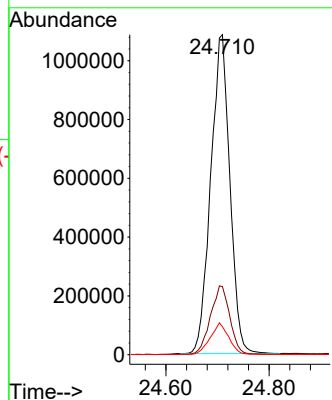
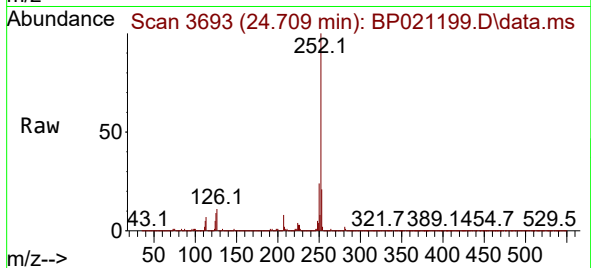
Tgt Ion:252 Resp: 2783974

Ion Ratio Lower Upper

252 100

253 21.3 17.4 26.0

125 8.7 7.7 11.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 16.020 ng/ul

RT: 28.633 min Scan# 4360

Delta R.T. -0.006 min

Lab File: BP021199.D

Acq: 27 Jul 2024 13:00

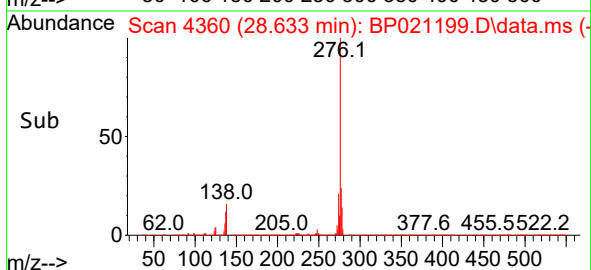
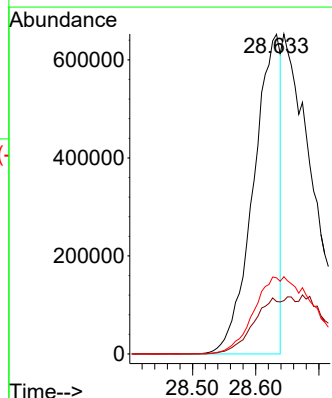
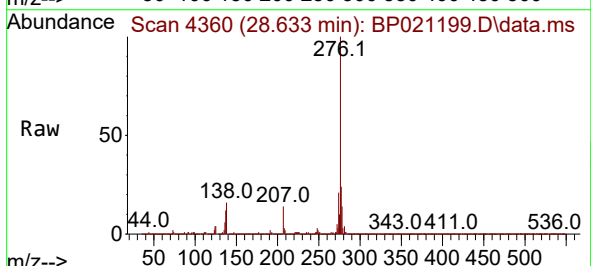
Tgt Ion:276 Resp: 1935730

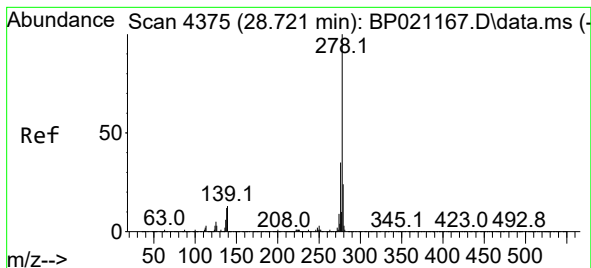
Ion Ratio Lower Upper

276 100

138 16.4 14.3 21.5

277 23.8 19.2 28.8





#95

Dibenzo(a,h)anthracene

Concen: 33.125 ng/ul

RT: 28.698 min Scan# 41

Delta R.T. 0.006 min

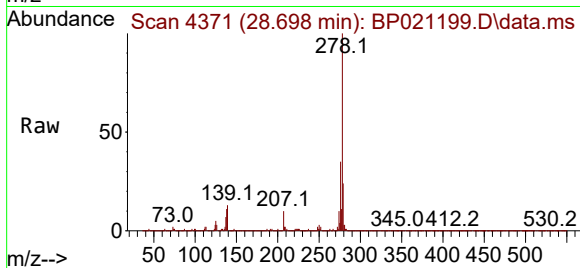
Lab File: BP021199.D

Acq: 27 Jul 2024 13:00

Instrument :

BNA_P

ClientSampleId :



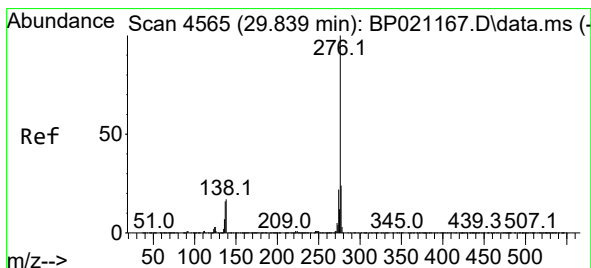
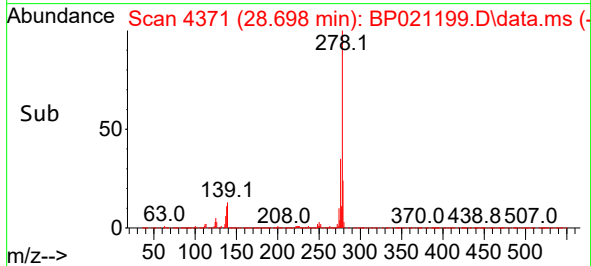
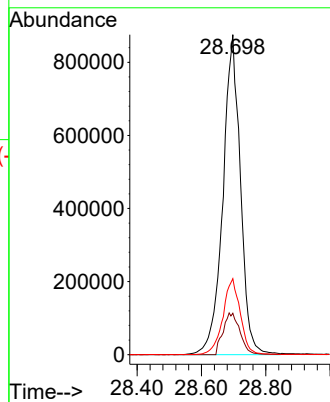
Tgt Ion:278 Resp: 3314471

Ion Ratio Lower Upper

278 100

139 13.0 10.9 16.3

279 23.7 19.4 29.0



#96

Benzo(g,h,i)perylene

Concen: 15.822 ng/ul

RT: 29.797 min Scan# 4558

Delta R.T. -0.012 min

Lab File: BP021199.D

Acq: 27 Jul 2024 13:00

Tgt Ion:276 Resp: 1557054

Ion Ratio Lower Upper

276 100

138 18.5 15.3 22.9

277 24.0 18.2 27.2

