

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072624\
 Data File : BP021204.D
 Acq On : 27 Jul 2024 16:39
 Operator : MA/JU
 Sample : PB162215BS
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jul 29 00:44:48 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	203425	20.000	ng/u1	0.00
20) Naphthalene-d8	10.398	136	767805	20.000	ng/u1	-0.03
38) Acenaphthene-d10	14.269	164	479712	20.000	ng/u1	-0.02
64) Phenanthrene-d10	17.092	188	1018465	20.000	ng/u1	-0.01
79) Chrysene-d12	21.545	240	1076193	20.000	ng/u1	-0.01
88) Perylene-d12	24.845	264	1304766	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	28852	6.454	ng/uL	0.00
4) Pyridine-d5	3.593	84	329935	25.494	ng/u1	0.00
7) Phenol-d5	6.852	99	434135	26.177	ng/u1	-0.02
9) Bis-(2-Chloroethyl)eth...	6.993	67	260416	25.910	ng/u1	0.00
11) 2-Chlorophenol-d4	7.187	132	357157	26.138	ng/u1	-0.02
15) 4-Methylphenol-d8	8.369	113	333764	24.231	ng/u1	-0.01
21) Nitrobenzene-d5	8.804	128	168988	28.336	ng/u1	0.00
24) 2-Nitrophenol-d4	9.510	143	196331	28.763	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.051	165	346391	28.065	ng/u1	-0.02
31) 4-Chloroaniline-d4	10.563	131	411134	25.144	ng/u1	0.00
46) Dimethylphthalate-d6	13.687	166	990874	28.414	ng/u1	-0.01
49) Acenaphthylene-d8	13.957	160	1116068	28.502	ng/u1	-0.02
54) 4-Nitrophenol-d4	14.563	143	202153	40.743	ng/u1	-0.04
60) Fluorene-d10	15.286	176	830332	29.023	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.457	200	186674	30.293	ng/u1	-0.01
73) Anthracene-d10	17.192	188	1319314	29.166	ng/u1	-0.01
81) Pyrene-d10	19.580	212	1658821	24.932	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.627	264	1917876	29.803	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.211	88	49884	10.146	ng/uL	96
5) Pyridine	3.611	79	342516	25.659	ng/u1	98
6) Benzaldehyde	6.810	77	217911	26.062	ng/u1	99
8) Phenol	6.881	94	448039	26.698	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.081	93	355742	25.660	ng/u1	98
12) 2-Chlorophenol	7.222	128	372428	27.194	ng/u1	99
13) 2-Methylphenol	8.104	108	334890	25.803	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.157	45	507816	25.354	ng/u1	96
16) Acetophenone	8.469	105	542408	25.514	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.446	70	267748	24.037	ng/u1	98
18) 4-Methylphenol	8.434	108	356974	25.673	ng/u1	96
19) Hexachloroethane	8.687	117	164351	26.705	ng/u1	97
22) Nitrobenzene	8.846	77	411613	28.813	ng/u1	99
23) Isophorone	9.351	82	744471	26.213	ng/u1	99
25) 2-Nitrophenol	9.546	139	209667	29.452	ng/u1	99
26) 2,4-Dimethylphenol	9.610	107	323606	23.052	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.828	93	460617	26.682	ng/u1	98
29) 2,4-Dichlorophenol	10.075	162	343615	28.249	ng/u1	99
30) Naphthalene	10.451	128	1131902	28.026	ng/u1	99
32) 4-Chloroaniline	10.593	127	380848	24.392	ng/u1	99
33) Hexachlorobutadiene	10.716	225	257822	28.268	ng/u1	98
34) Caprolactam	11.398	113	108508	28.958	ng/u1	97
35) 4-Chloro-3-methylphenol	11.740	107	375715	28.416	ng/u1	100
36) 2-Methylnaphthalene	12.069	142	760891	27.446	ng/u1	98

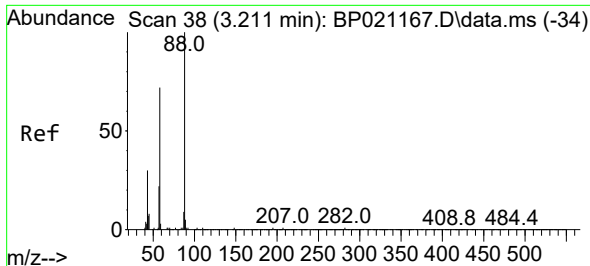
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072624\
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 25 00:15:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.287	142	764756	26.822	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.440	216	455139	29.215	ng/ul	98
40) Hexachlorocyclopentadiene	12.392	237	111035	13.624	ng/ul	100
41) 2,4,6-Trichlorophenol	12.698	196	249723	25.368	ng/ul	98
42) 2,4,5-Trichlorophenol	12.804	196	278197	26.710	ng/ul	99
43) 1,1'-Biphenyl	13.081	154	1006648	28.714	ng/ul	99
44) 2-Chloronaphthalene	13.134	162	794475	28.387	ng/ul	99
45) 2-Nitroaniline	13.369	65	238417	30.804	ng/ul	99
47) Dimethylphthalate	13.739	163	1005442	28.415	ng/ul	100
48) 2,6-Dinitrotoluene	13.869	165	210381	29.739	ng/ul	99
50) Acenaphthylene	13.992	152	1263028	28.489	ng/ul	100
51) 3-Nitroaniline	14.216	138	207171	33.654	ng/ul	97
52) Acenaphthene	14.339	153	834420	28.357	ng/ul	98
53) 2,4-Dinitrophenol	14.457	184	118401	31.870	ng/ul	96
55) 4-Nitrophenol	14.575	109	139670	34.606	ng/ul	96
56) Dibenzofuran	14.681	168	1175791	29.179	ng/ul	99
57) 2,4-Dinitrotoluene	14.686	165	309714	31.893	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	14.934	232	208763	23.407	ng/ul#	94
59) Diethylphthalate	15.110	149	1009360	28.543	ng/ul	99
61) Fluorene	15.345	166	963019	29.287	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.333	204	510723	28.623	ng/ul	99
63) 4-Nitroaniline	15.416	138	217455	42.655	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.469	198	196599	30.085	ng/ul	99
67) N-Nitrosodiphenylamine	15.563	169	825633	27.839	ng/ul	99
68) 4-Bromophenyl-phenylether	16.251	248	333131	27.906	ng/ul	99
69) Hexachlorobenzene	16.369	284	379566	27.731	ng/ul	97
70) Atrazine	16.551	200	41263	3.818	ng/ul	98
71) Pentachlorophenol	16.757	266	145420	19.561	ng/ul	98
72) Phenanthrene	17.133	178	1556786	29.466	ng/ul	99
74) Anthracene	17.227	178	1569829	29.145	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.051	216	446615	27.398	ng/ul	98
76) Pentachlorobenzene	14.592	250	436877	26.971	ng/ul	99
77) Carbazole	17.527	167	1458217	33.118	ng/ul	99
78) Di-n-butylphthalate	18.080	149	1830015	30.125	ng/ul	99
80) Fluoranthene	19.233	202	1946262	24.222	ng/ul	99
82) Pyrene	19.610	202	2069470	25.310	ng/ul	99
83) Butylbenzylphthalate	20.557	149	882165	25.895	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.451	252	786419	31.979	ng/ul	99
85) Benzo(a)anthracene	21.521	228	2170410	28.790	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.433	149	1317766	26.879	ng/ul	99
87) Chrysene	21.586	228	2039537	29.115	ng/ul	99
89) Di-n-octyl phthalate	22.674	149	2348031	27.241	ng/ul	100
90) Benzo(b)fluoranthene	23.804	252	2284700	28.855	ng/ul	99
91) Benzo(k)fluoranthene	23.868	252	2290898	28.992	ng/ul	99
93) Benzo(a)pyrene	24.692	252	2090457	27.939	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.609	276	2843301	29.490	ng/ul	98
95) Dibenzo(a,h)anthracene	28.668	278	2340379	29.313	ng/ul	100
96) Benzo(g,h,i)perylene	29.797	276	2267548	28.878	ng/ul	98

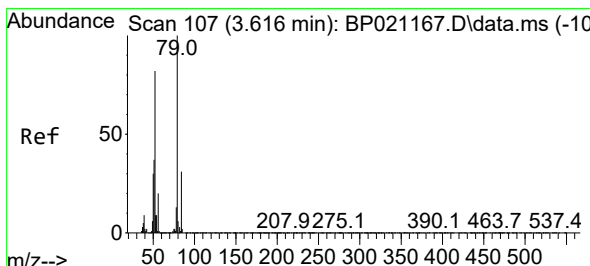
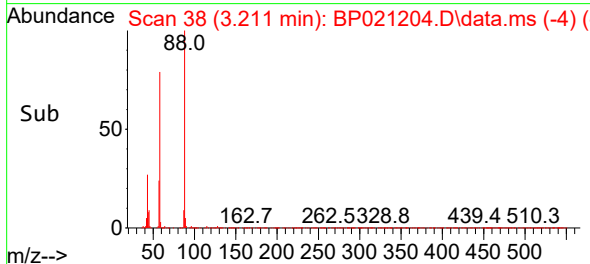
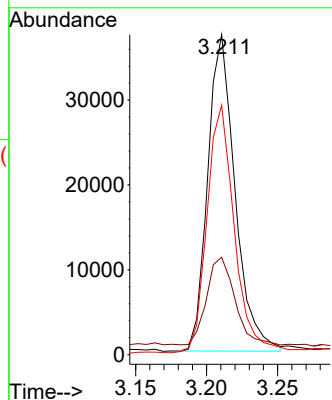
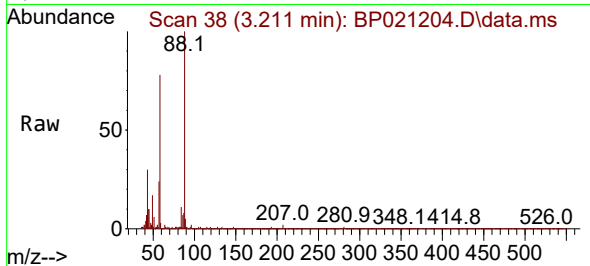
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
1,4-Dioxane
Concen: 10.146 ng/uL
RT: 3.211 min Scan# 38
Delta R.T. -0.000 min
Lab File: BP021204.D
Acq: 27 Jul 2024 16:39

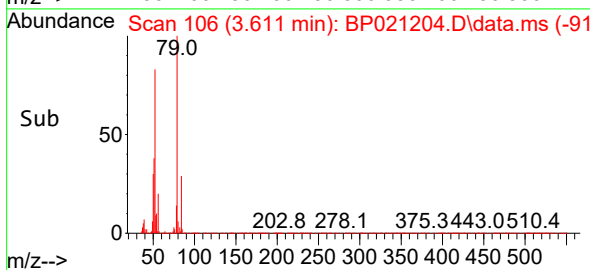
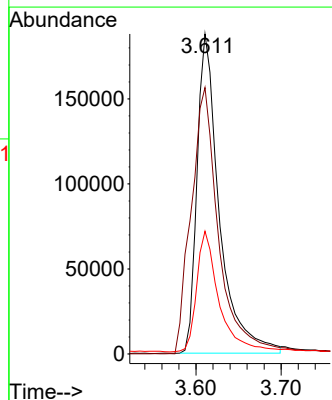
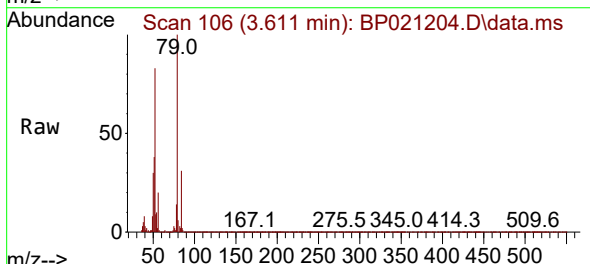
Instrument :
BNA_P
ClientSampleId :

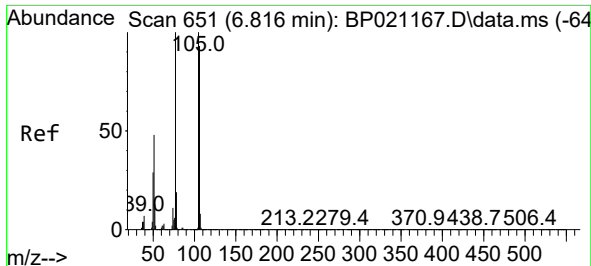
Tgt Ion	88	Resp	49884
Ion Ratio	100		
Lower	25.4		
Upper	38.0		



#5
Pyridine
Concen: 25.659 ng/uL
RT: 3.611 min Scan# 106
Delta R.T. -0.012 min
Lab File: BP021204.D
Acq: 27 Jul 2024 16:39

Tgt Ion	79	Resp	342516
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower	64.9		
Upper	97.3		

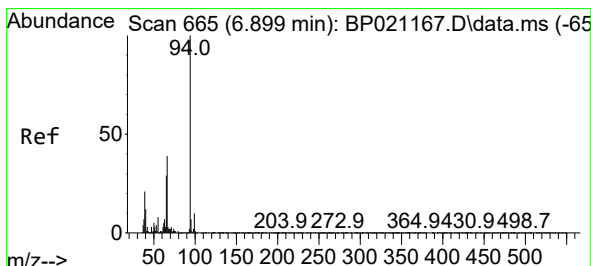
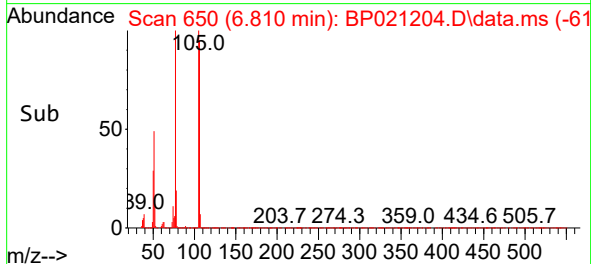
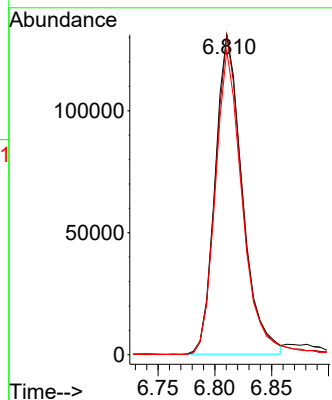
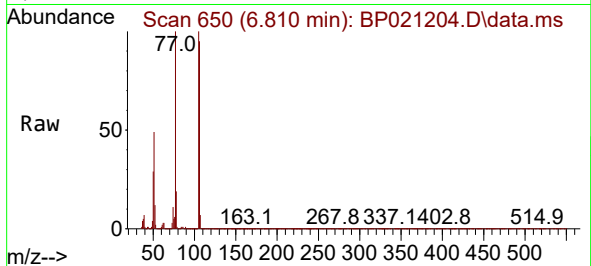




#6
Benzaldehyde
Concen: 26.062 ng/ul
RT: 6.810 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP021204.D
Acq: 27 Jul 2024 16:39

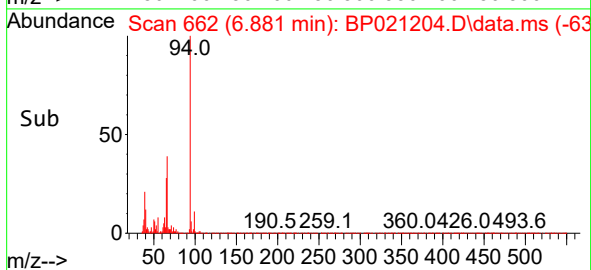
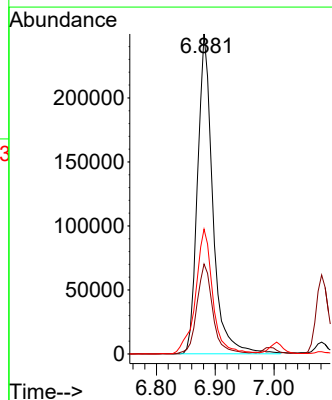
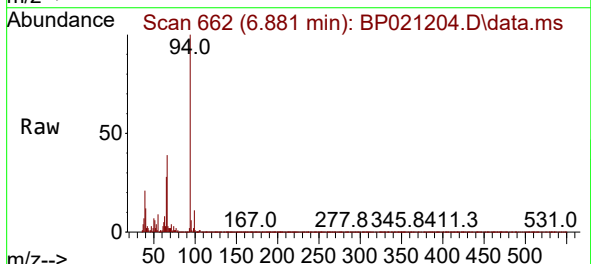
Instrument :
BNA_P
ClientSampleId :

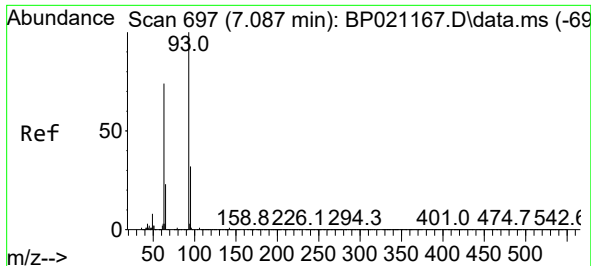
Tgt Ion: 77 Resp: 217911
Ion Ratio Lower Upper
77 100
105 99.8 79.3 118.9
106 95.0 74.6 112.0



#8
Phenol
Concen: 26.698 ng/ul
RT: 6.881 min Scan# 662
Delta R.T. -0.018 min
Lab File: BP021204.D
Acq: 27 Jul 2024 16:39

Tgt Ion: 94 Resp: 448039
Ion Ratio Lower Upper
94 100
65 28.1 23.4 35.0
66 39.0 33.9 50.9

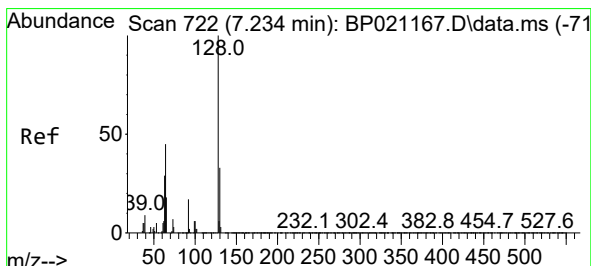
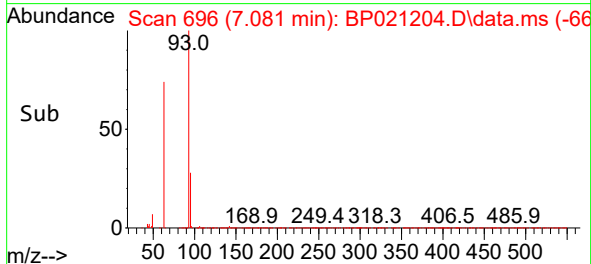
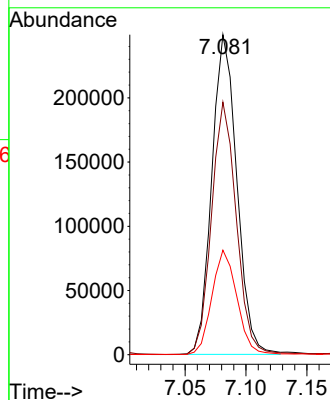
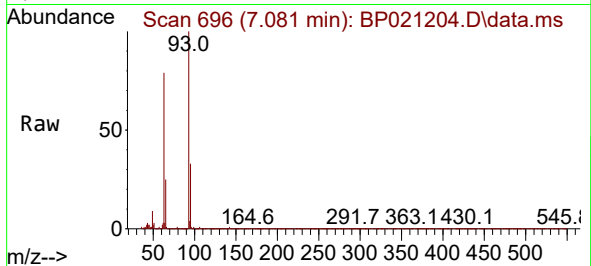




#10
Bis(2-Chloroethyl)ether
Concen: 25.660 ng/ul
RT: 7.081 min Scan# 69
Delta R.T. -0.006 min
Lab File: BP021204.D
Acq: 27 Jul 2024 16:39

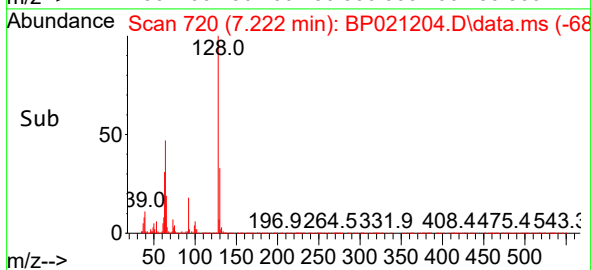
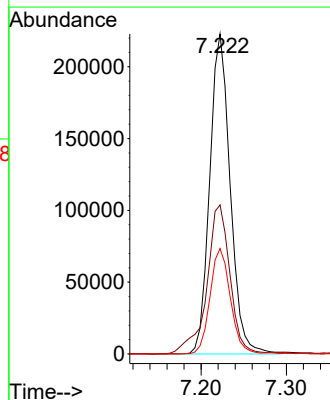
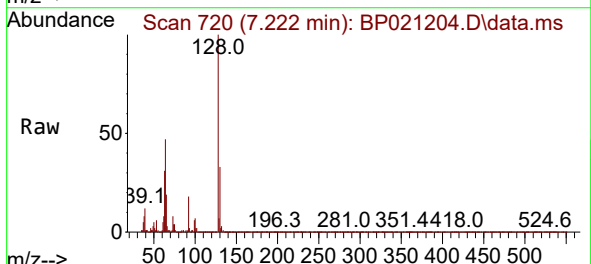
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BNA_P
ClientSampleId :

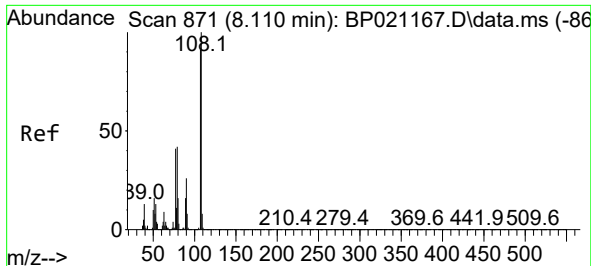
Tgt Ion: 93 Resp: 355742
Ion Ratio Lower Upper
93 100
63 78.9 61.5 92.3
95 32.7 25.1 37.7



#12
2-Chlorophenol
Concen: 27.194 ng/ul
RT: 7.222 min Scan# 720
Delta R.T. -0.012 min
Lab File: BP021204.D
Acq: 27 Jul 2024 16:39

Tgt Ion:128 Resp: 372428
Ion Ratio Lower Upper
128 100
64 46.6 37.9 56.9
130 32.9 25.6 38.4





#13

2-Methylphenol

Concen: 25.803 ng/ul

RT: 8.104 min Scan# 81

Delta R.T. -0.012 min

Lab File: BP021204.D

Acq: 27 Jul 2024 16:39

Instrument :

BNA_P

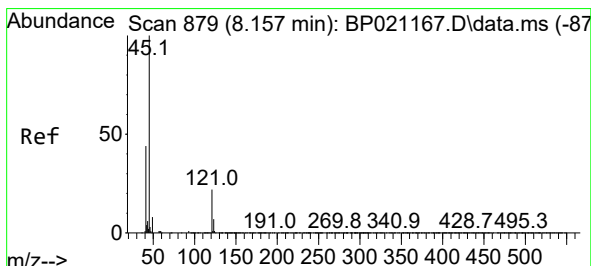
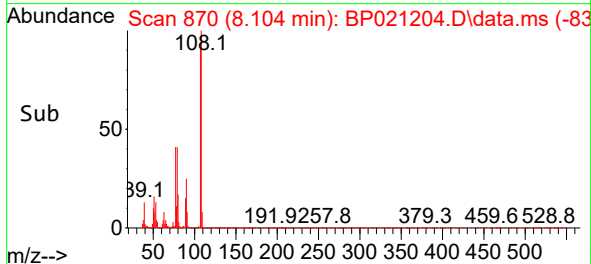
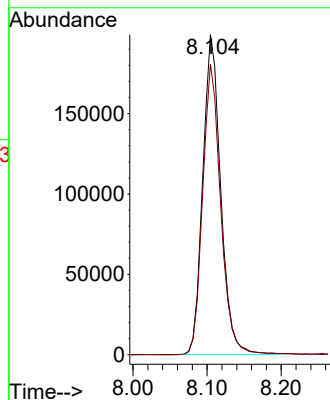
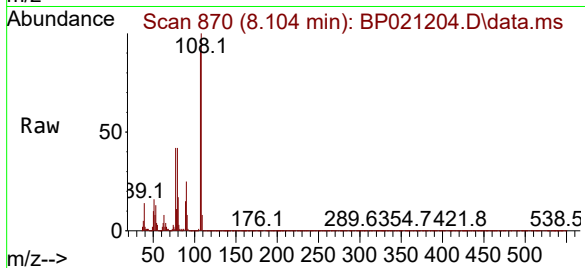
ClientSampleId :

Tgt Ion:108 Resp: 334890

Ion Ratio Lower Upper

108 100

107 90.9 73.8 110.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 25.354 ng/ul

RT: 8.157 min Scan# 879

Delta R.T. -0.012 min

Lab File: BP021204.D

Acq: 27 Jul 2024 16:39

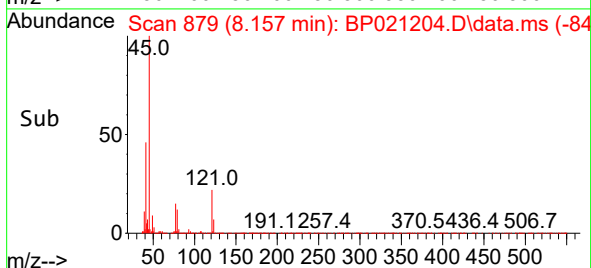
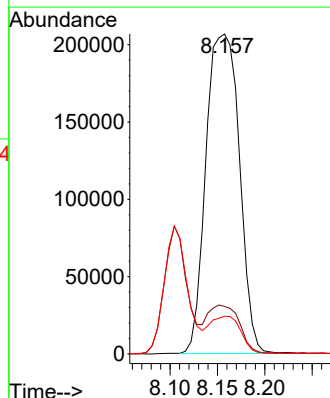
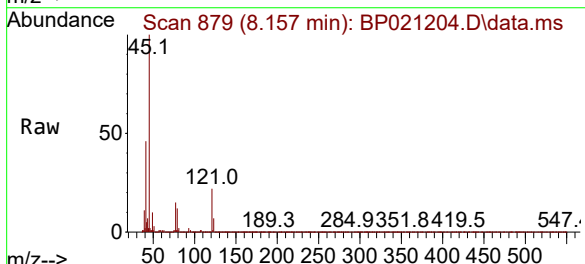
Tgt Ion: 45 Resp: 507816

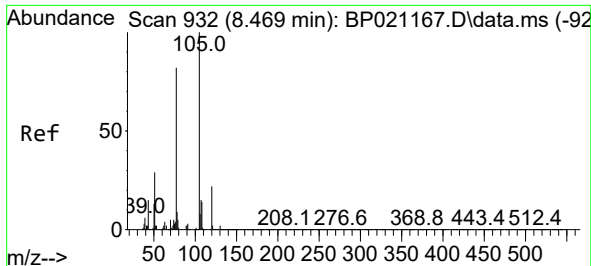
Ion Ratio Lower Upper

45 100

77 14.8 10.9 16.3

79 11.8 8.1 12.1

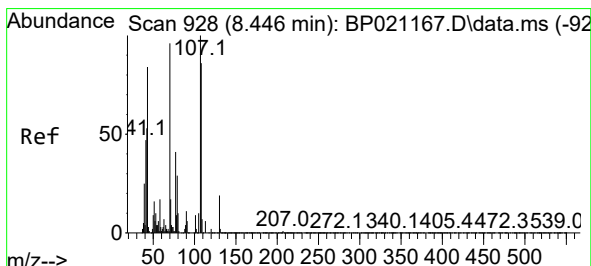
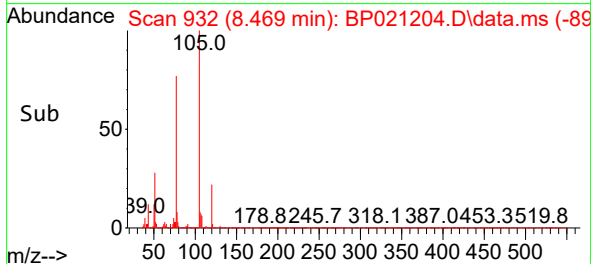
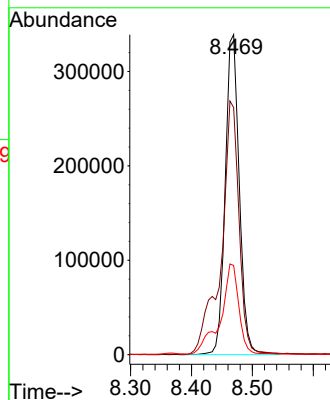
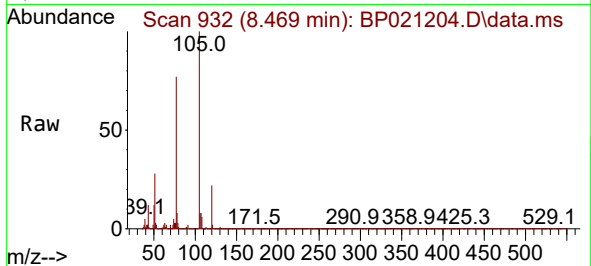




#16
Acetophenone
Concen: 25.514 ng/ul
RT: 8.469 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP021204.D
Acq: 27 Jul 2024 16:39

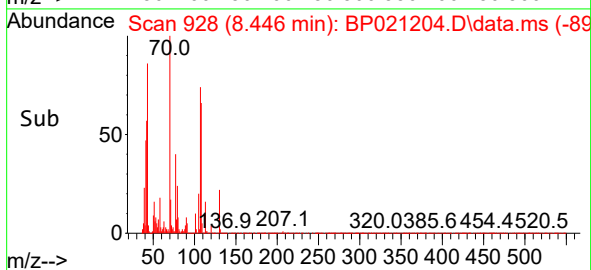
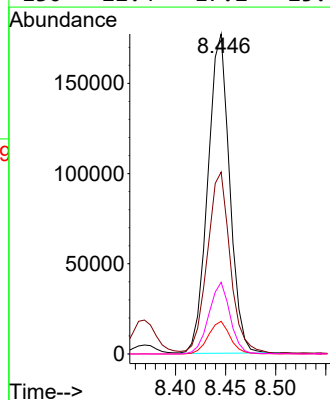
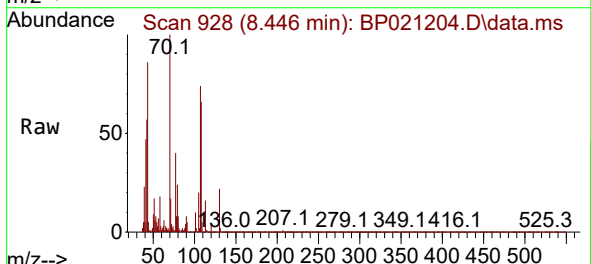
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BNA_P
ClientSampleId :

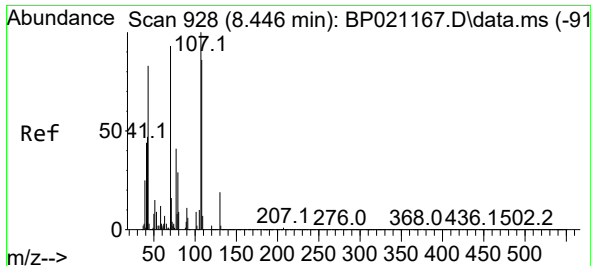
Tgt Ion:105 Resp: 542408
Ion Ratio Lower Upper
105 100
77 77.3 61.8 92.8
51 27.9 21.5 32.3



#17
N-Nitroso-di-n-propylamine
Concen: 24.037 ng/ul
RT: 8.446 min Scan# 928
Delta R.T. -0.000 min
Lab File: BP021204.D
Acq: 27 Jul 2024 16:39

Tgt Ion: 70 Resp: 267748
Ion Ratio Lower Upper
70 100
42 56.9 46.6 69.8
101 10.2 7.4 11.0
130 22.4 17.2 25.8

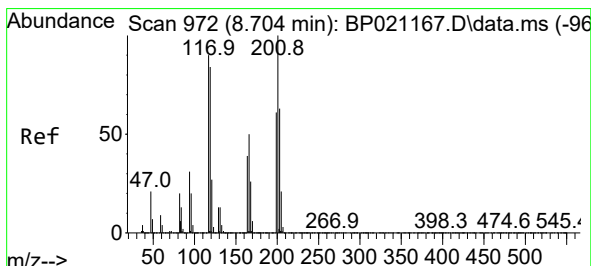
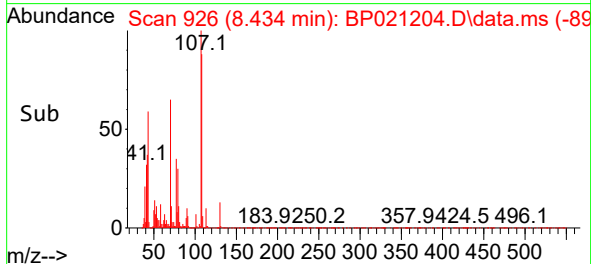
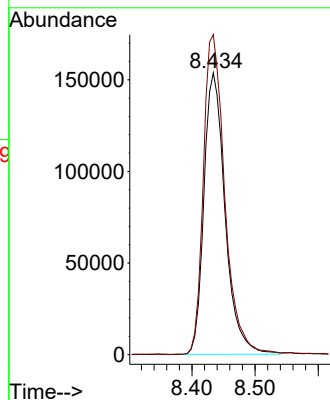
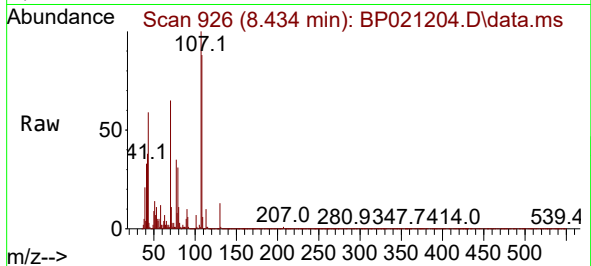




#18
4-Methylphenol
Concen: 25.673 ng/ul
RT: 8.434 min Scan# 911
Delta R.T. -0.012 min
Lab File: BP021204.D
Acq: 27 Jul 2024 16:39

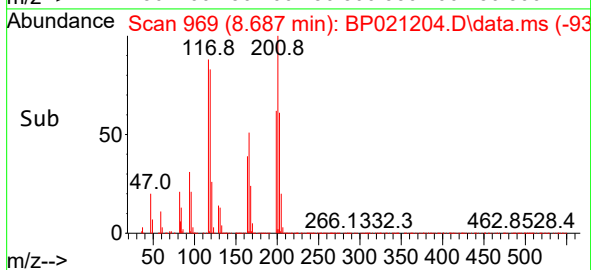
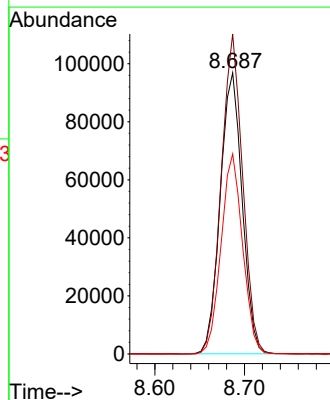
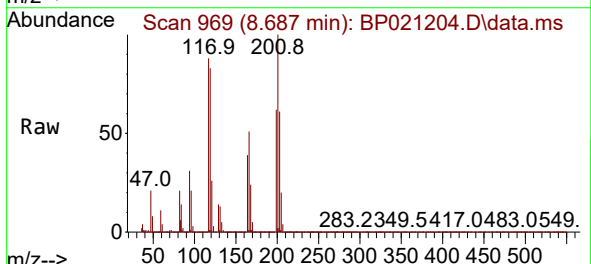
Instrument :
BNA_P
ClientSampleId :

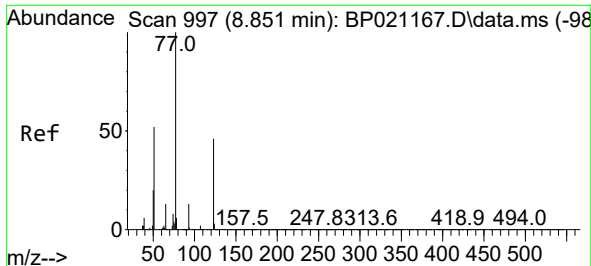
Tgt Ion:108 Resp: 356974
Ion Ratio Lower Upper
108 100
107 113.5 87.8 131.8



#19
Hexachloroethane
Concen: 26.705 ng/ul
RT: 8.687 min Scan# 969
Delta R.T. -0.012 min
Lab File: BP021204.D
Acq: 27 Jul 2024 16:39

Tgt Ion:117 Resp: 164351
Ion Ratio Lower Upper
117 100
201 113.9 88.2 132.2
199 71.1 55.8 83.6

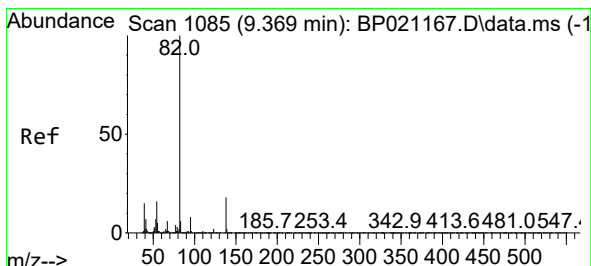
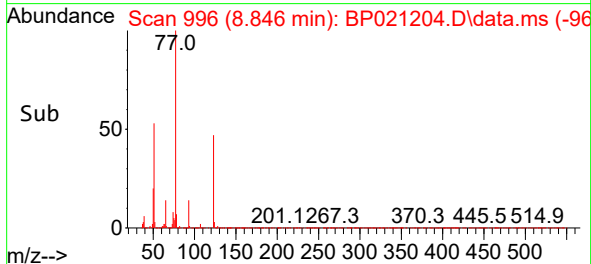
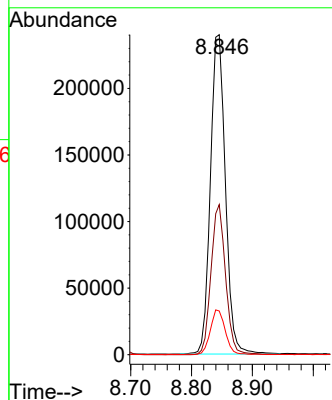
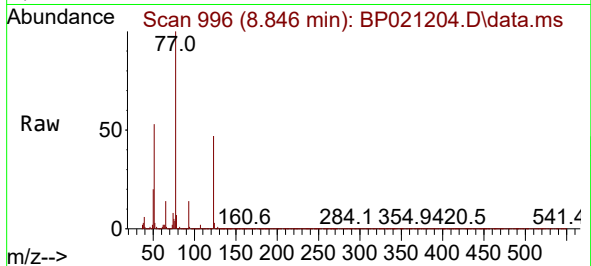




#22
Nitrobenzene
Concen: 28.813 ng/ul
RT: 8.846 min Scan# 997
Delta R.T. -0.006 min
Lab File: BP021204.D
Acq: 27 Jul 2024 16:39

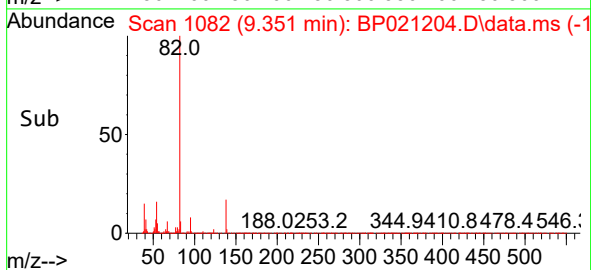
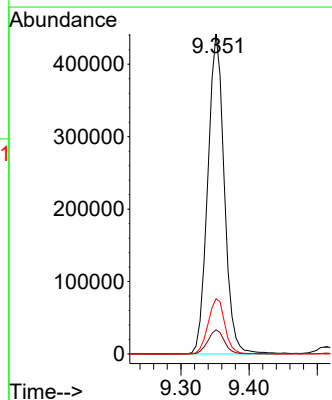
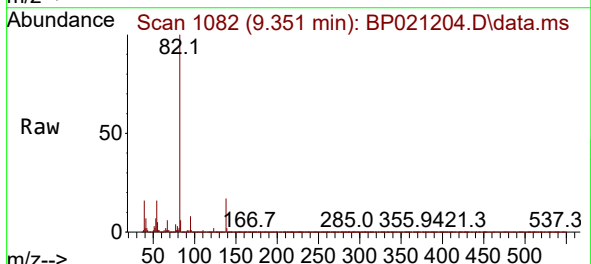
Instrument :
BNA_P
ClientSampleId :

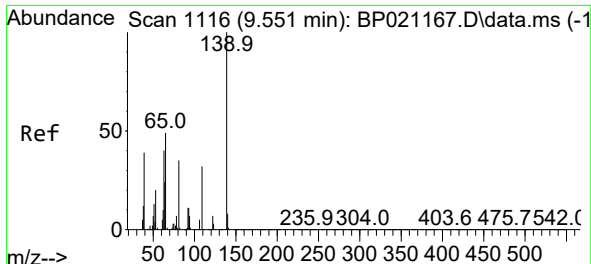
Tgt Ion: 77 Resp: 411613
Ion Ratio Lower Upper
77 100
123 46.9 36.7 55.1
65 13.7 11.1 16.7



#23
Isophorone
Concen: 26.213 ng/ul
RT: 9.351 min Scan# 1082
Delta R.T. -0.018 min
Lab File: BP021204.D
Acq: 27 Jul 2024 16:39

Tgt Ion: 82 Resp: 744471
Ion Ratio Lower Upper
82 100
95 7.6 6.1 9.1
138 17.2 14.4 21.6

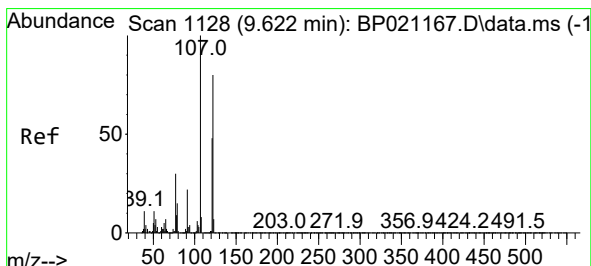
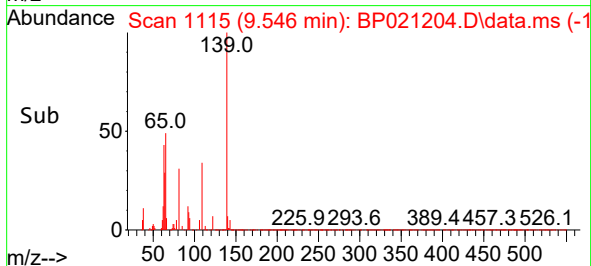
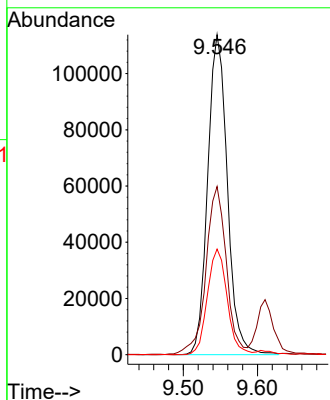
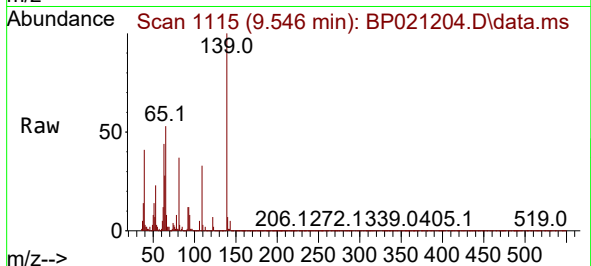




#25
2-Nitrophenol
Concen: 29.452 ng/ul
RT: 9.546 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BP021204.D
Acq: 27 Jul 2024 16:39

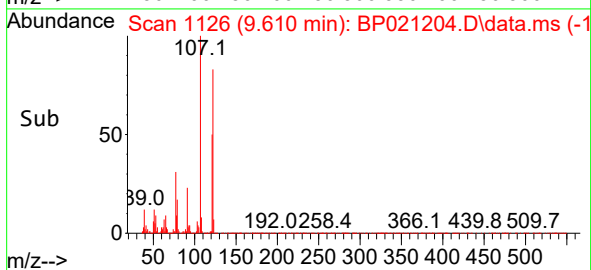
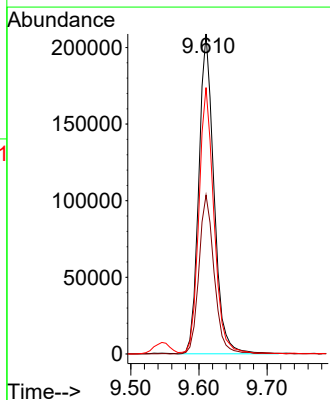
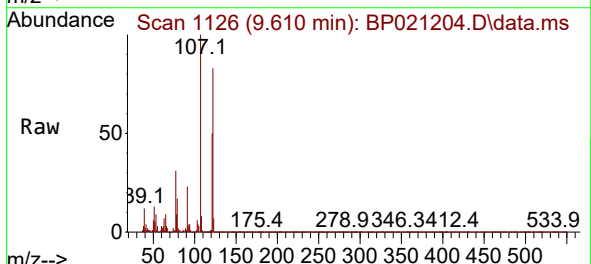
Instrument :
BNA_P
ClientSampleId :

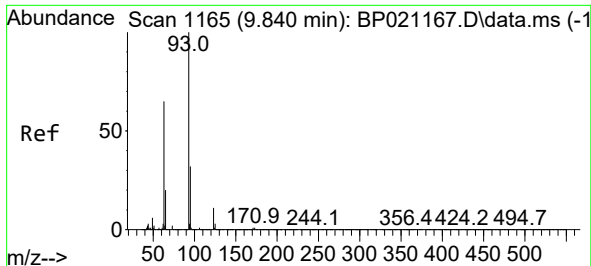
Tgt Ion:139 Resp: 209667
Ion Ratio Lower Upper
139 100
65 52.5 42.9 64.3
109 33.0 26.2 39.4



#26
2,4-Dimethylphenol
Concen: 23.052 ng/ul
RT: 9.610 min Scan# 1126
Delta R.T. -0.012 min
Lab File: BP021204.D
Acq: 27 Jul 2024 16:39

Tgt Ion:107 Resp: 323606
Ion Ratio Lower Upper
107 100
121 49.7 39.6 59.4
122 83.2 66.3 99.5

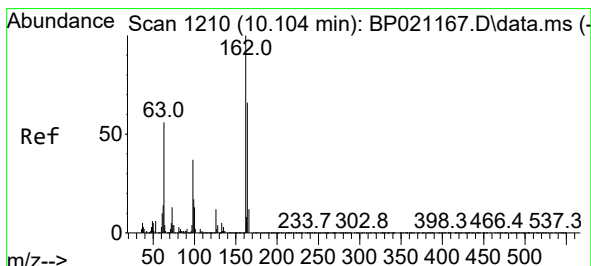
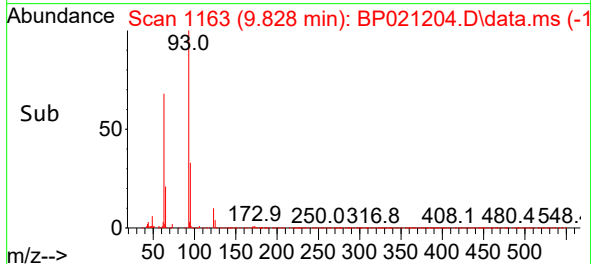
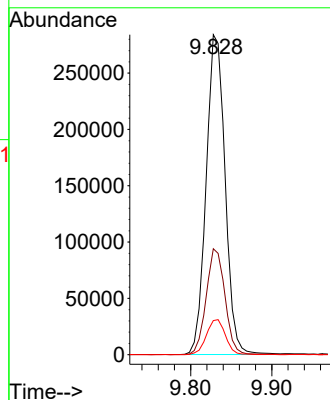
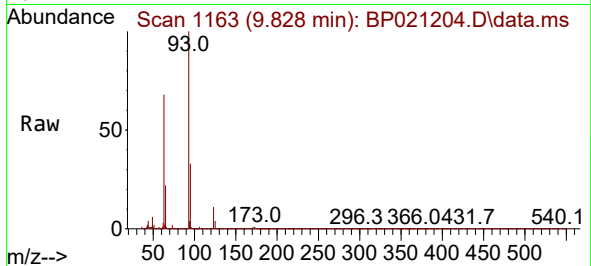




#27
 Bis(2-Chloroethoxy)methane
 Concen: 26.682 ng/ul
 RT: 9.828 min Scan# 1163
 Delta R.T. -0.006 min
 Lab File: BP021204.D
 Acq: 27 Jul 2024 16:39

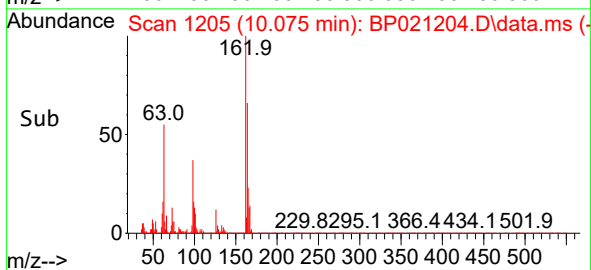
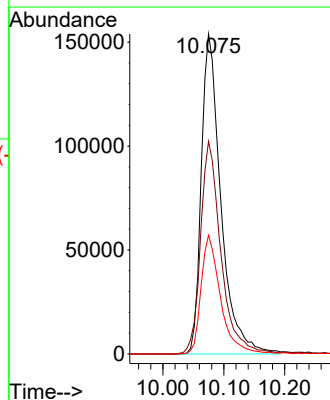
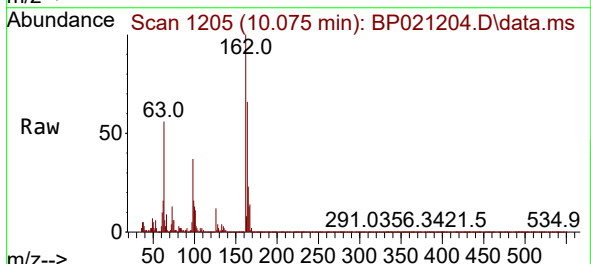
Instrument :
 BNA_P
 ClientSampleId :

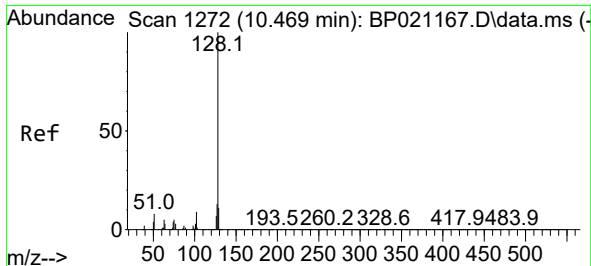
Tgt Ion: 93 Resp: 460617
 Ion Ratio Lower Upper
 93 100
 95 33.1 25.5 38.3
 123 10.7 9.0 13.4



#29
 2,4-Dichlorophenol
 Concen: 28.249 ng/ul
 RT: 10.075 min Scan# 1205
 Delta R.T. -0.024 min
 Lab File: BP021204.D
 Acq: 27 Jul 2024 16:39

Tgt Ion:162 Resp: 343615
 Ion Ratio Lower Upper
 162 100
 164 66.4 53.3 79.9
 98 37.1 28.7 43.1

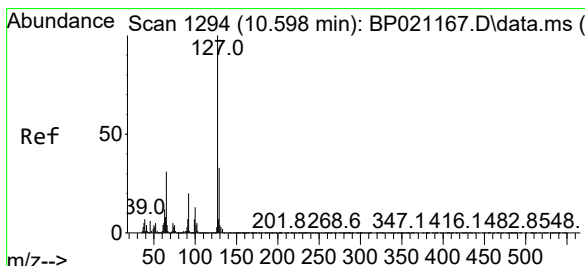
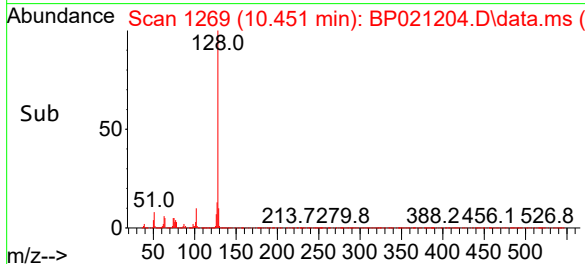
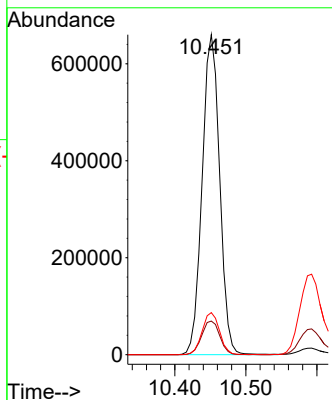
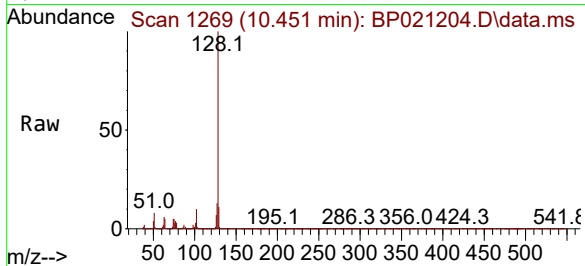




#30
Naphthalene
Concen: 28.026 ng/ul
RT: 10.451 min Scan# 11
Delta R.T. -0.024 min
Lab File: BP021204.D
Acq: 27 Jul 2024 16:39

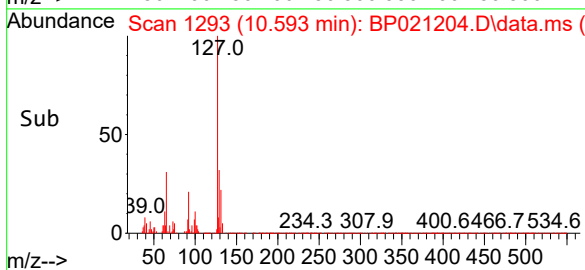
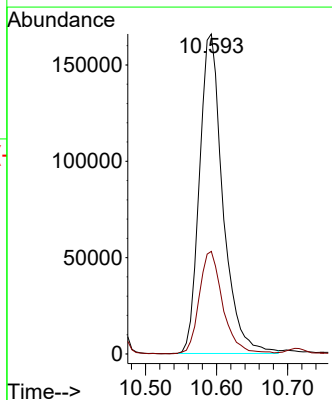
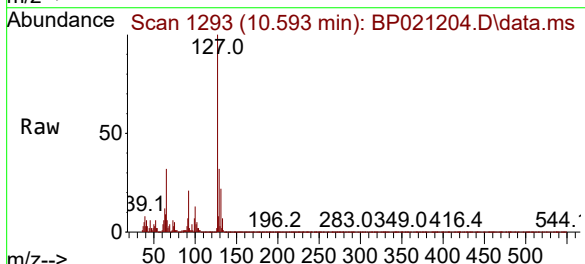
Instrument :
BNA_P
ClientSampleId :

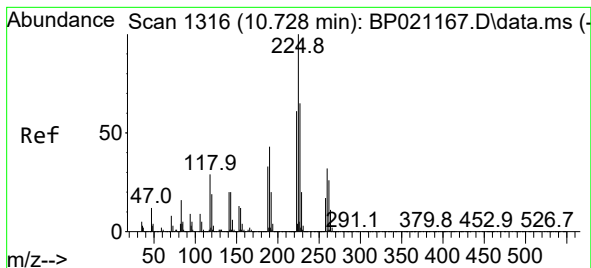
Tgt Ion:128 Resp: 1131902
Ion Ratio Lower Upper
128 100
129 10.5 8.6 13.0
127 13.2 10.8 16.2



#32
4-Chloroaniline
Concen: 24.392 ng/ul
RT: 10.593 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BP021204.D
Acq: 27 Jul 2024 16:39

Tgt Ion:127 Resp: 380848
Ion Ratio Lower Upper
127 100
129 32.1 26.1 39.1





#33

Hexachlorobutadiene

Concen: 28.268 ng/ul

RT: 10.716 min Scan# 11

Delta R.T. -0.024 min

Lab File: BP021204.D

Acq: 27 Jul 2024 16:39

Instrument :

BNA_P

ClientSampleId :

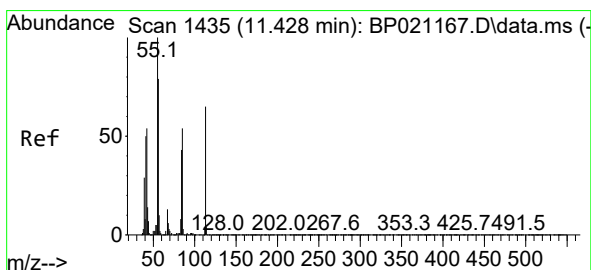
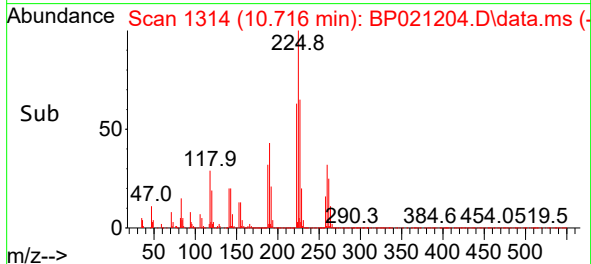
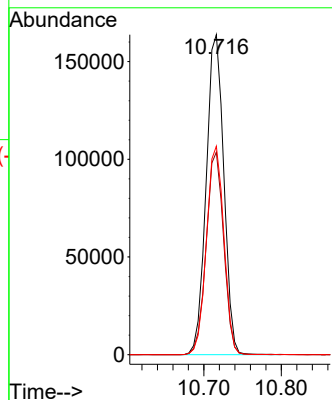
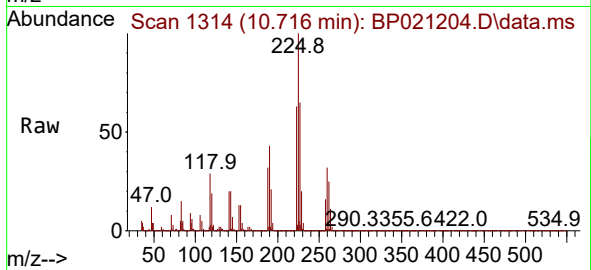
Tgt Ion:225 Resp: 257822

Ion Ratio Lower Upper

225 100

223 63.3 50.2 75.2

227 65.2 50.6 75.8



#34

Caprolactam

Concen: 28.958 ng/ul

RT: 11.398 min Scan# 1430

Delta R.T. -0.047 min

Lab File: BP021204.D

Acq: 27 Jul 2024 16:39

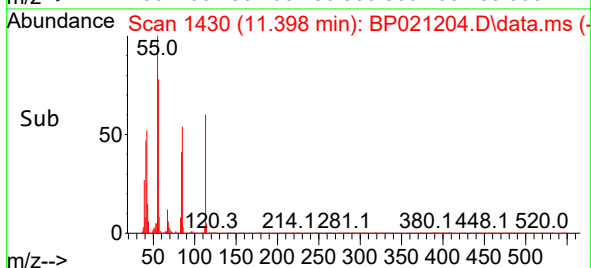
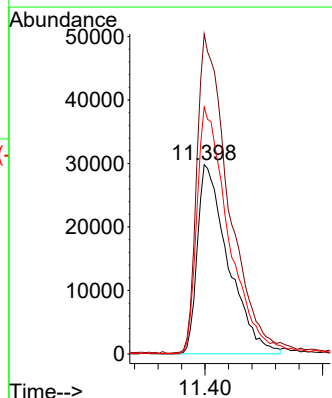
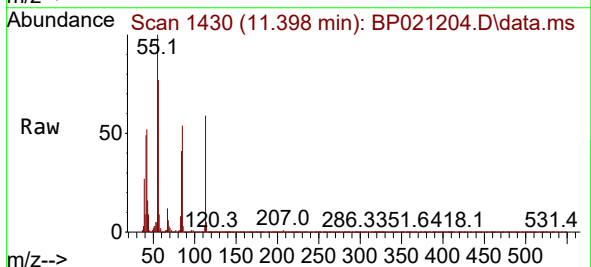
Tgt Ion:113 Resp: 108508

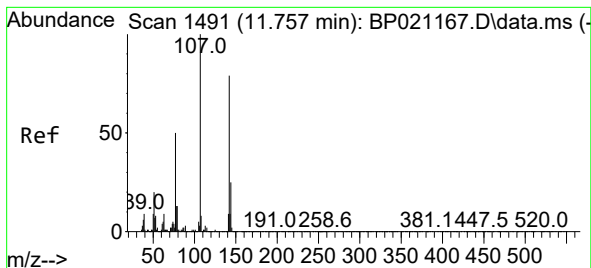
Ion Ratio Lower Upper

113 100

55 169.1 140.2 210.4

56 130.4 105.5 158.3

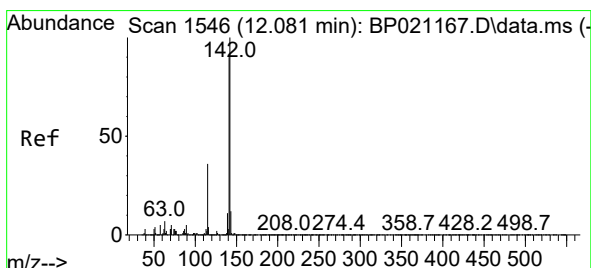
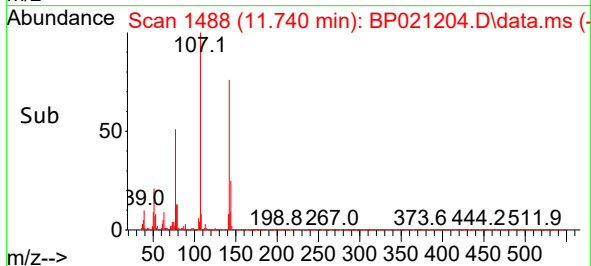
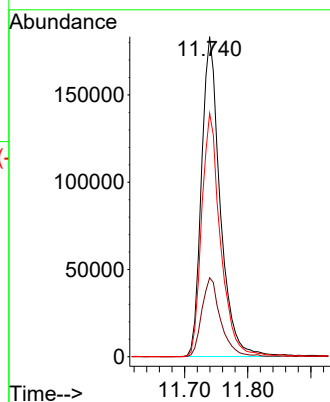
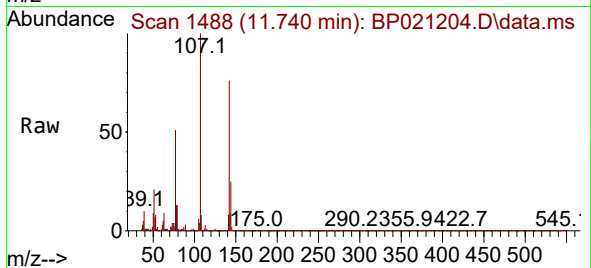




#35
4-Chloro-3-methylphenol
Concen: 28.416 ng/ul
RT: 11.740 min Scan# 1491
Delta R.T. -0.018 min
Lab File: BP021204.D
Acq: 27 Jul 2024 16:39

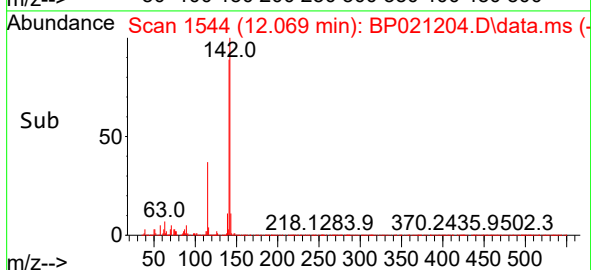
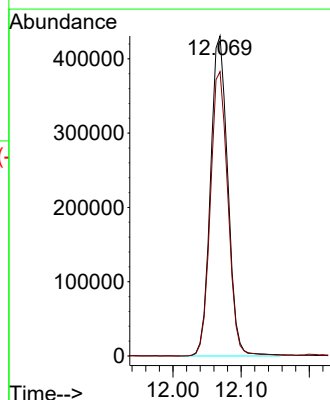
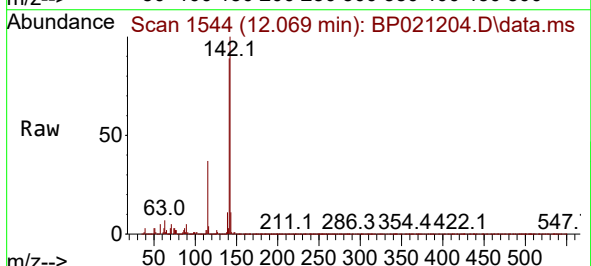
Instrument :
BNA_P
ClientSampleId :

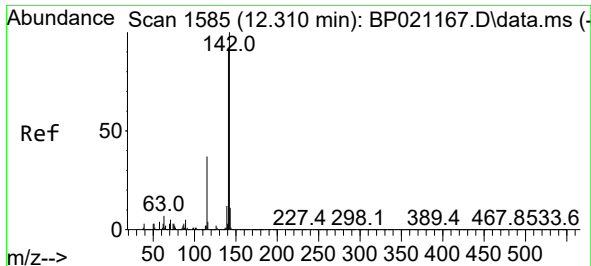
Tgt Ion:107 Resp: 375715
Ion Ratio Lower Upper
107 100
144 24.6 19.3 28.9
142 76.0 60.7 91.1



#36
2-Methylnaphthalene
Concen: 27.446 ng/ul
RT: 12.069 min Scan# 1544
Delta R.T. -0.018 min
Lab File: BP021204.D
Acq: 27 Jul 2024 16:39

Tgt Ion:142 Resp: 760891
Ion Ratio Lower Upper
142 100
141 88.8 72.6 108.8

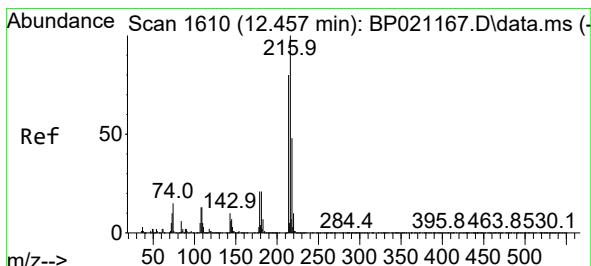
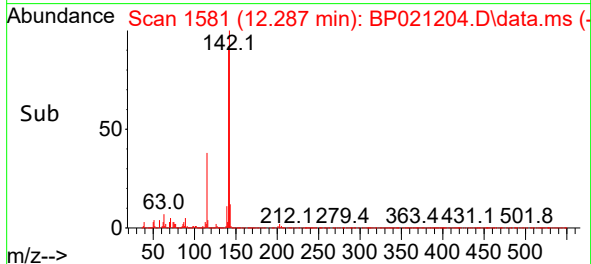
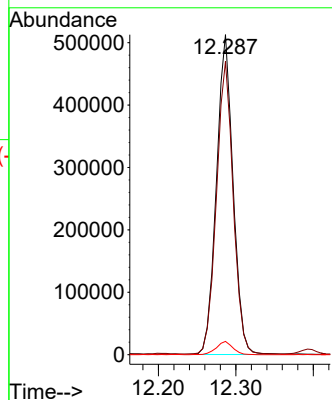
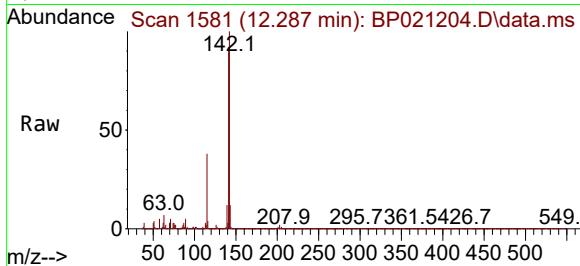




#37
1-Methylnaphthalene
Concen: 26.822 ng/ul
RT: 12.287 min Scan# 1585
Delta R.T. -0.018 min
Lab File: BP021204.D
Acq: 27 Jul 2024 16:39

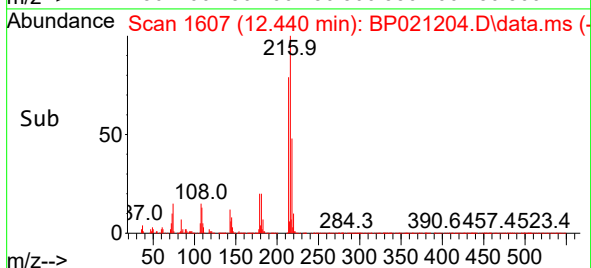
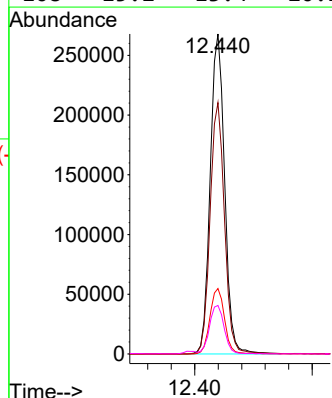
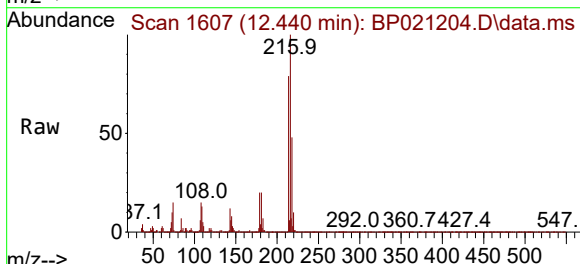
Instrument :
BNA_P
ClientSampleId :

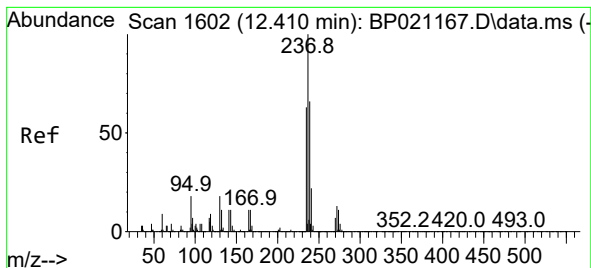
Tgt Ion:142 Resp: 764756
Ion Ratio Lower Upper
142 100
141 91.7 75.0 112.6
116 4.2 3.2 4.8



#39
1,2,4,5-Tetrachlorobenzene
Concen: 29.215 ng/ul
RT: 12.440 min Scan# 1607
Delta R.T. -0.018 min
Lab File: BP021204.D
Acq: 27 Jul 2024 16:39

Tgt Ion:216 Resp: 455139
Ion Ratio Lower Upper
216 100
214 78.6 64.2 96.4
179 20.4 16.6 24.8
108 15.2 13.4 20.2





#40

Hexachlorocyclopentadiene

Concen: 13.624 ng/ul

RT: 12.392 min Scan# 11

Delta R.T. -0.024 min

Lab File: BP021204.D

Acq: 27 Jul 2024 16:39

Instrument :

BNA_P

ClientSampleId :

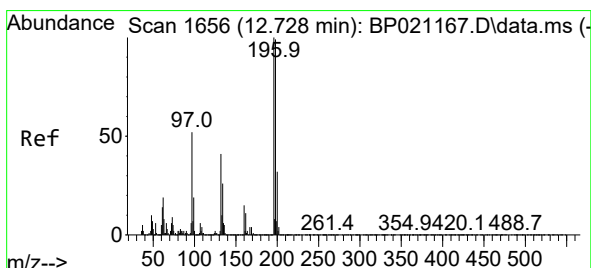
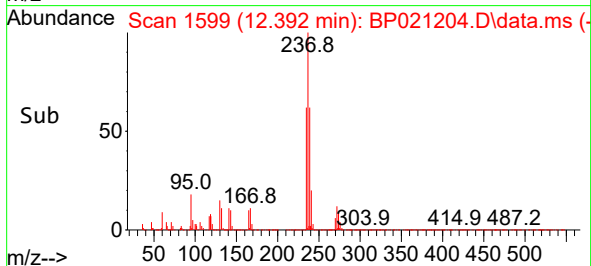
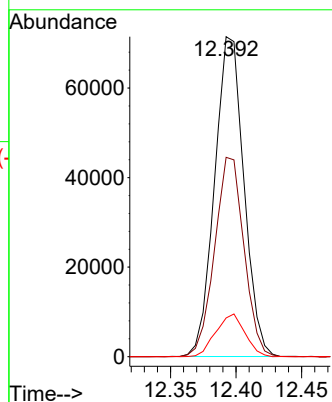
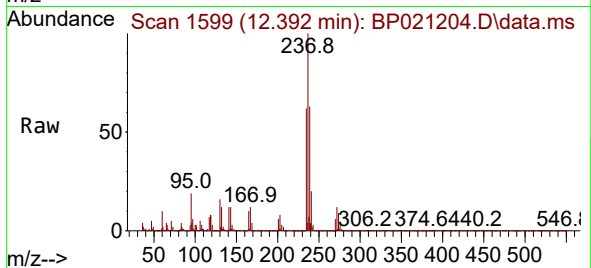
Tgt Ion:237 Resp: 111035

Ion Ratio Lower Upper

237 100

235 62.3 49.7 74.5

272 12.1 10.2 15.2



#41

2,4,6-Trichlorophenol

Concen: 25.368 ng/ul

RT: 12.698 min Scan# 1651

Delta R.T. -0.018 min

Lab File: BP021204.D

Acq: 27 Jul 2024 16:39

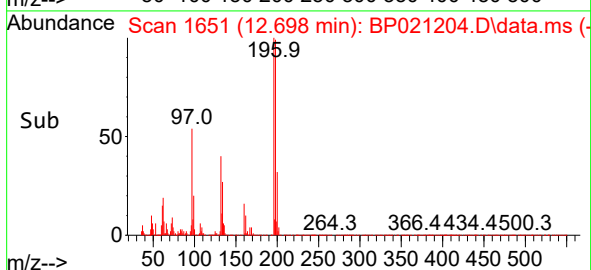
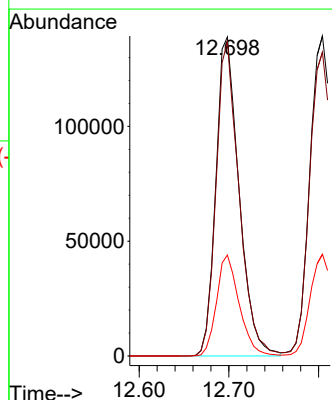
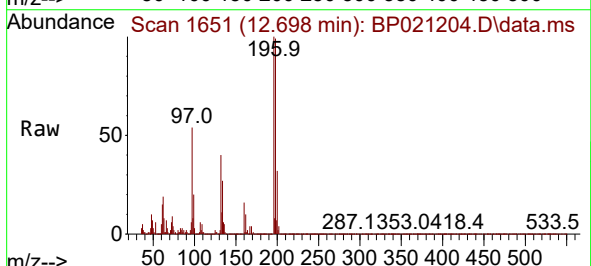
Tgt Ion:196 Resp: 249723

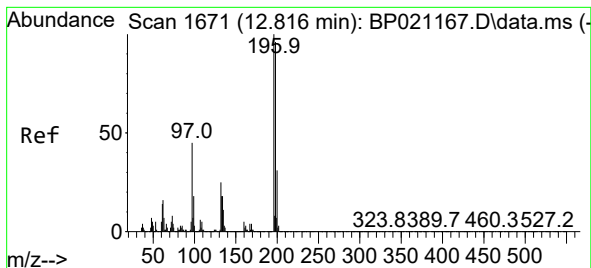
Ion Ratio Lower Upper

196 100

198 98.5 76.6 115.0

200 31.6 26.0 39.0





#42

2,4,5-Trichlorophenol

Concen: 26.710 ng/ul

RT: 12.804 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP021204.D

Acq: 27 Jul 2024 16:39

Instrument :

BNA_P

ClientSampleId :

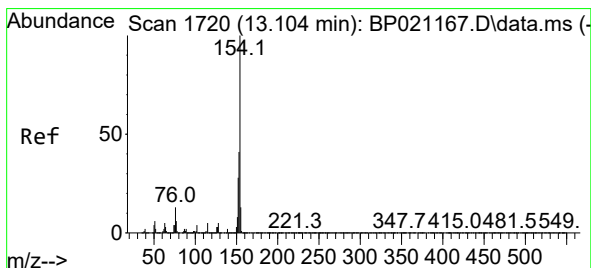
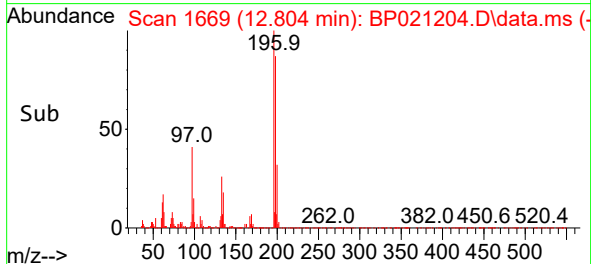
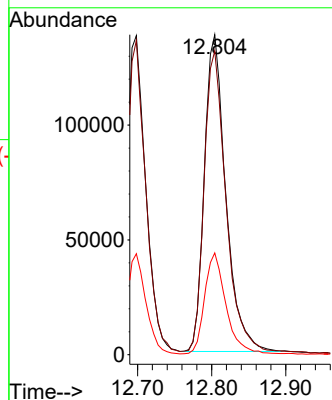
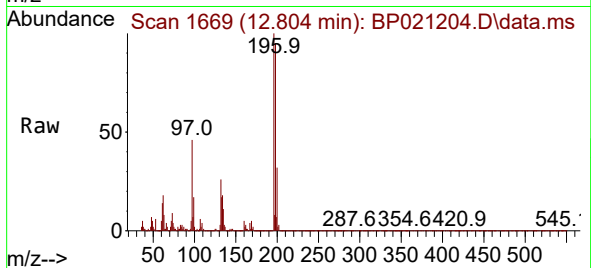
Tgt Ion:196 Resp: 278197

Ion Ratio Lower Upper

196 100

198 94.9 77.1 115.7

200 31.8 25.3 37.9



#43

1,1'-Biphenyl

Concen: 28.714 ng/ul

RT: 13.081 min Scan# 1716

Delta R.T. -0.024 min

Lab File: BP021204.D

Acq: 27 Jul 2024 16:39

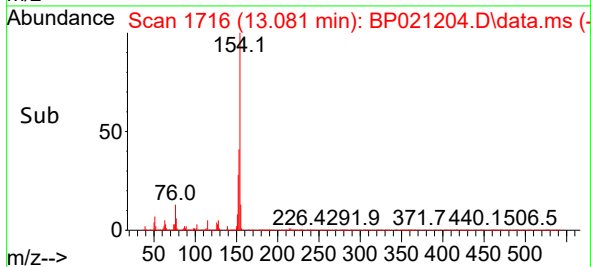
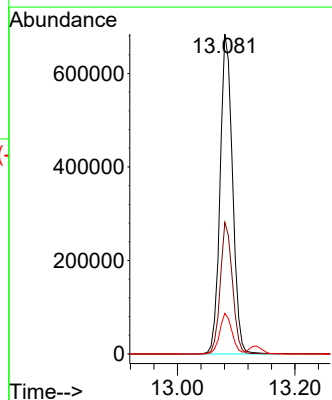
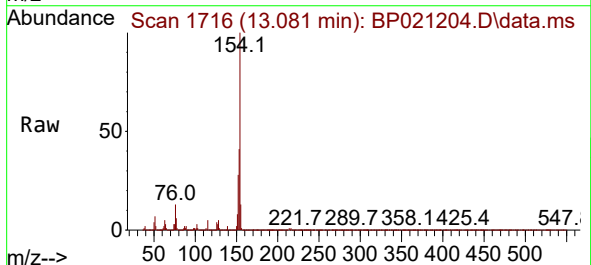
Tgt Ion:154 Resp: 1006648

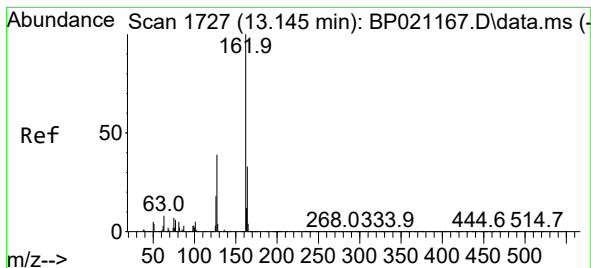
Ion Ratio Lower Upper

154 100

153 41.1 32.7 49.1

76 12.7 9.4 14.2





#44

2-Chloronaphthalene

Concen: 28.387 ng/ul

RT: 13.134 min Scan# 1725

Delta R.T. -0.018 min

Lab File: BP021204.D

Acq: 27 Jul 2024 16:39

Instrument :

BNA_P

ClientSampleId :

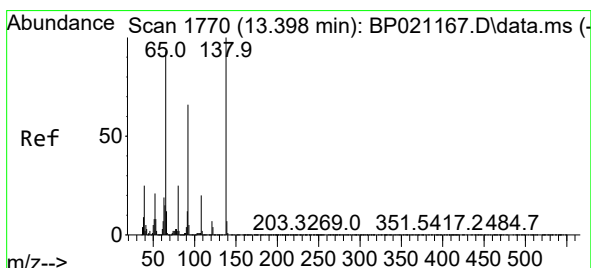
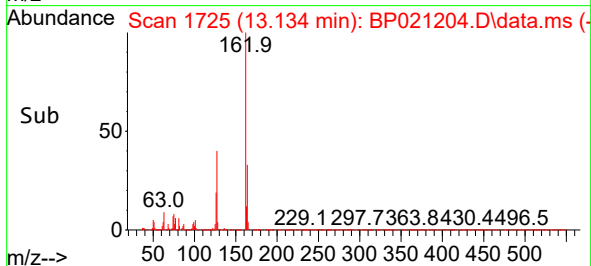
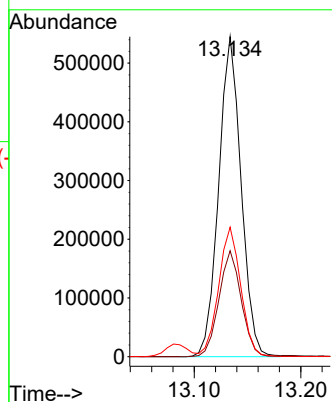
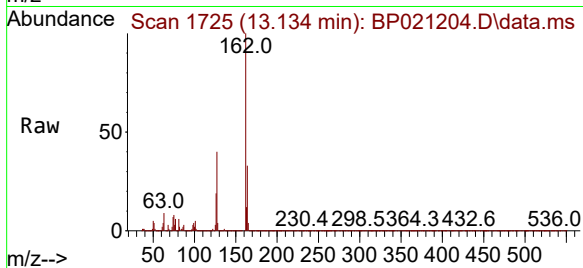
Tgt Ion:162 Resp: 794475

Ion Ratio Lower Upper

162 100

164 33.1 26.3 39.5

127 40.5 31.8 47.8



#45

2-Nitroaniline

Concen: 30.804 ng/ul

RT: 13.369 min Scan# 1765

Delta R.T. -0.024 min

Lab File: BP021204.D

Acq: 27 Jul 2024 16:39

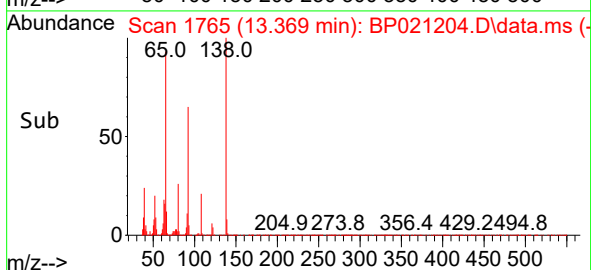
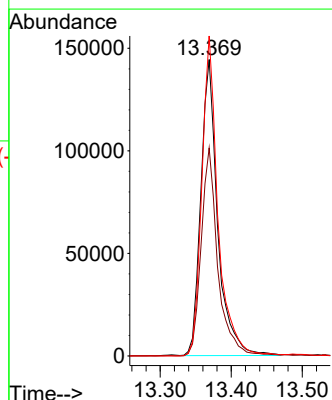
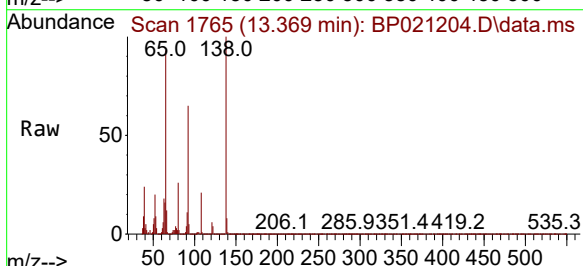
Tgt Ion: 65 Resp: 238417

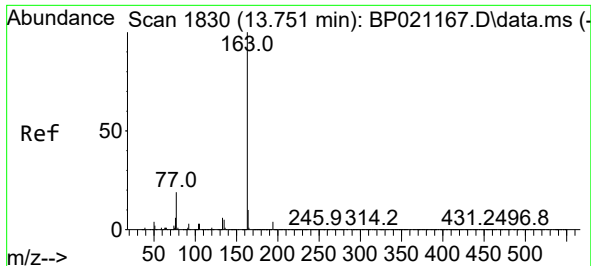
Ion Ratio Lower Upper

65 100

92 70.2 56.7 85.1

138 107.9 85.6 128.4

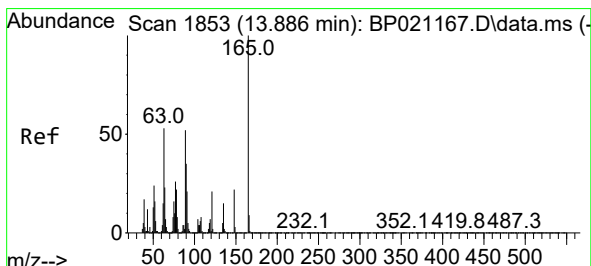
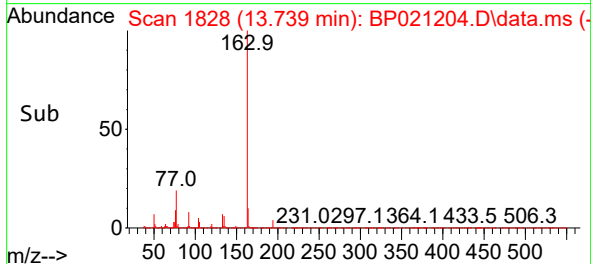
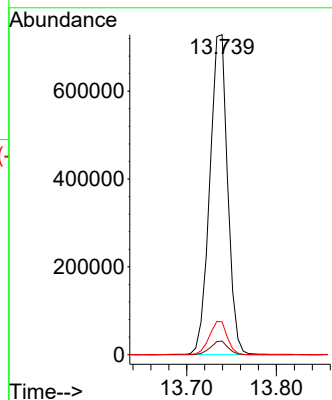
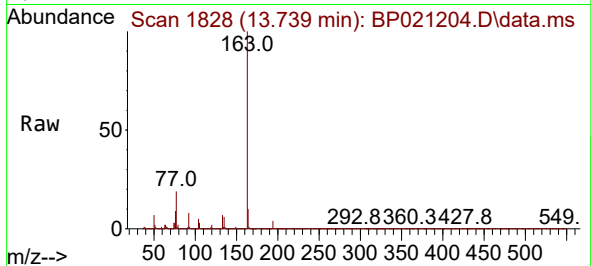




#47
Dimethylphthalate
Concen: 28.415 ng/ul
RT: 13.739 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BP021204.D
Acq: 27 Jul 2024 16:39

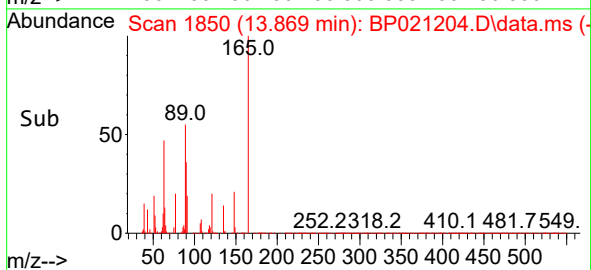
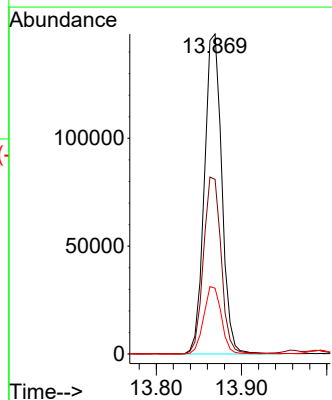
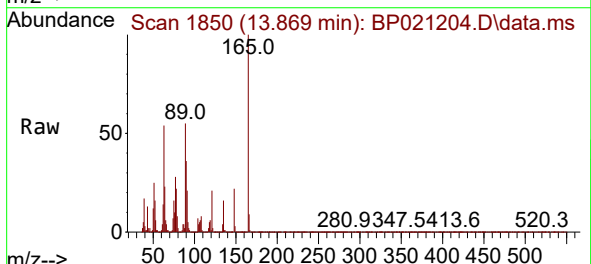
Instrument :
BNA_P
ClientSampleId :

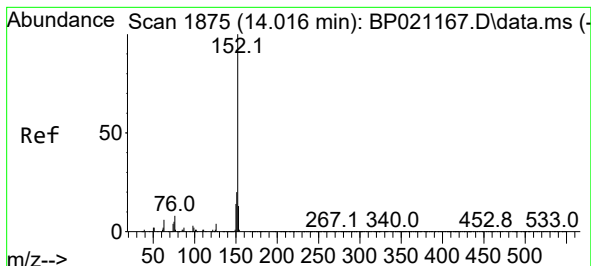
Tgt Ion:163 Resp: 1005442
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.2 8.1 12.1



#48
2,6-Dinitrotoluene
Concen: 29.739 ng/ul
RT: 13.869 min Scan# 1850
Delta R.T. -0.018 min
Lab File: BP021204.D
Acq: 27 Jul 2024 16:39

Tgt Ion:165 Resp: 210381
Ion Ratio Lower Upper
165 100
89 54.5 44.7 67.1
121 20.6 16.5 24.7





#50

Acenaphthylene

Concen: 28.489 ng/ul

RT: 13.992 min Scan# 11

Delta R.T. -0.024 min

Lab File: BP021204.D

Acq: 27 Jul 2024 16:39

Instrument :

BNA_P

ClientSampleId :

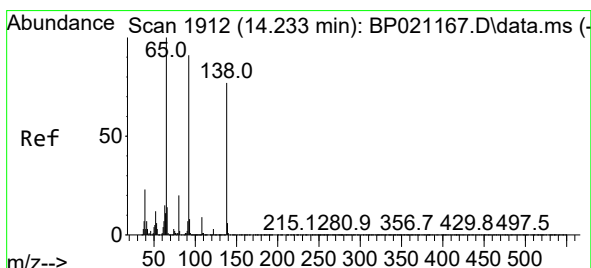
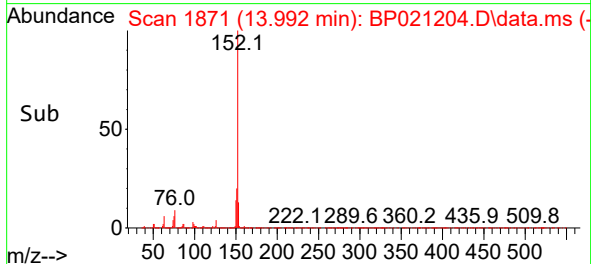
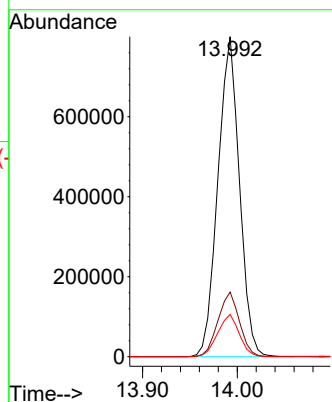
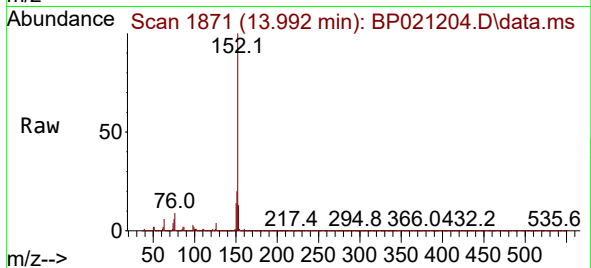
Tgt Ion:152 Resp: 1263028

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.2

153 13.2 10.3 15.5



#51

3-Nitroaniline

Concen: 33.654 ng/ul

RT: 14.216 min Scan# 1909

Delta R.T. -0.024 min

Lab File: BP021204.D

Acq: 27 Jul 2024 16:39

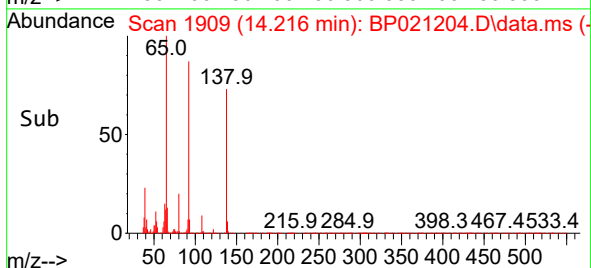
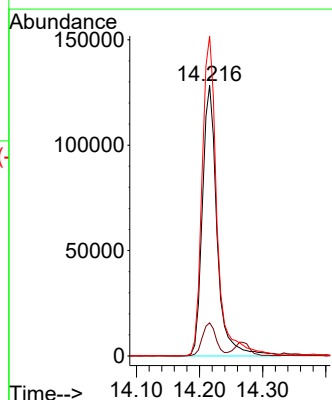
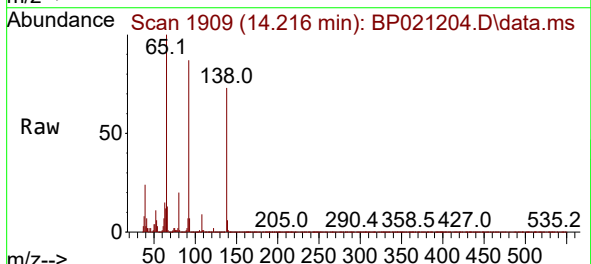
Tgt Ion:138 Resp: 207171

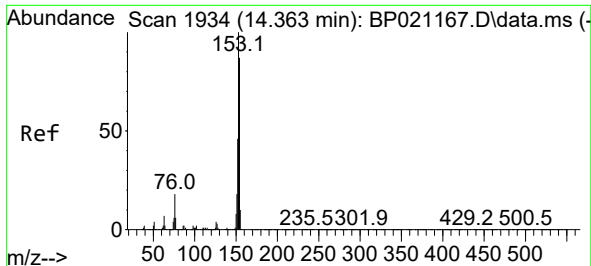
Ion Ratio Lower Upper

138 100

108 12.2 9.8 14.8

92 118.3 98.0 147.0

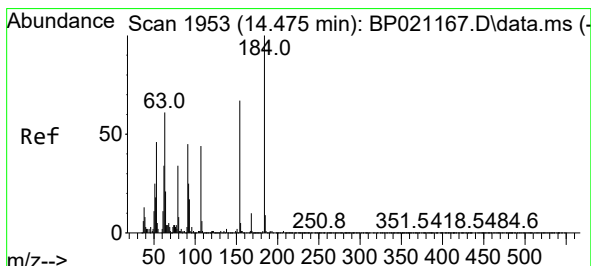
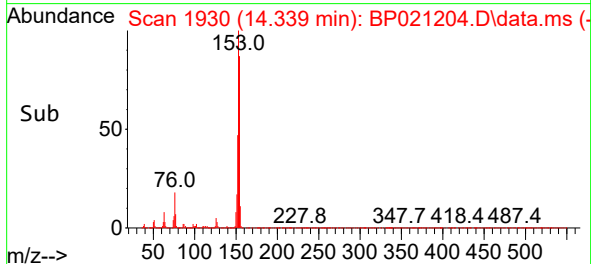
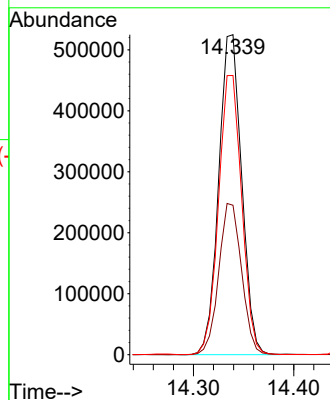
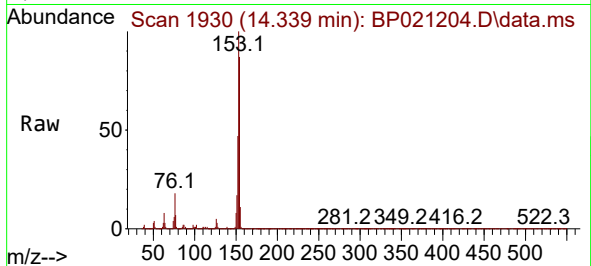




#52
Acenaphthene
Concen: 28.357 ng/ul
RT: 14.339 min Scan# 1930
Delta R.T. -0.018 min
Lab File: BP021204.D
Acq: 27 Jul 2024 16:39

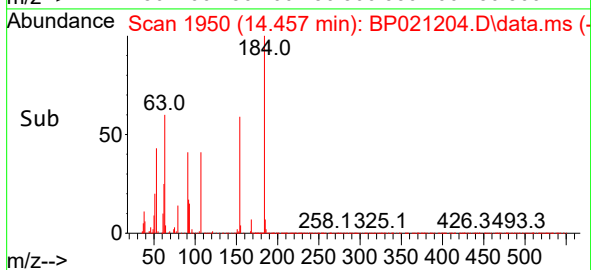
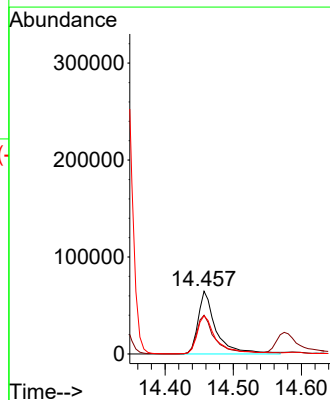
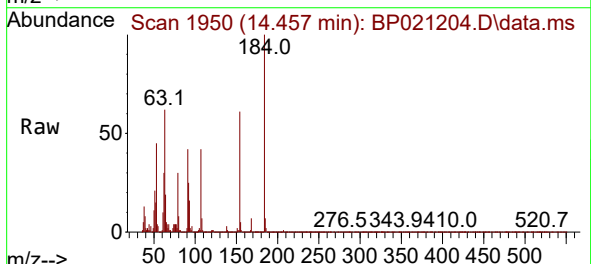
Instrument :
BNA_P
ClientSampleId :

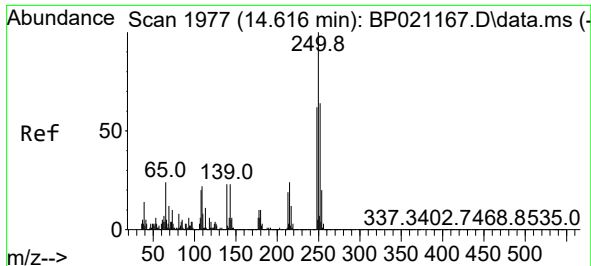
Tgt Ion:153 Resp: 834420
Ion Ratio Lower Upper
153 100
152 46.7 37.8 56.6
154 87.2 71.8 107.6



#53
2,4-Dinitrophenol
Concen: 31.870 ng/ul
RT: 14.457 min Scan# 1950
Delta R.T. -0.012 min
Lab File: BP021204.D
Acq: 27 Jul 2024 16:39

Tgt Ion:184 Resp: 118401
Ion Ratio Lower Upper
184 100
63 61.6 50.3 75.5
154 60.8 53.0 79.6

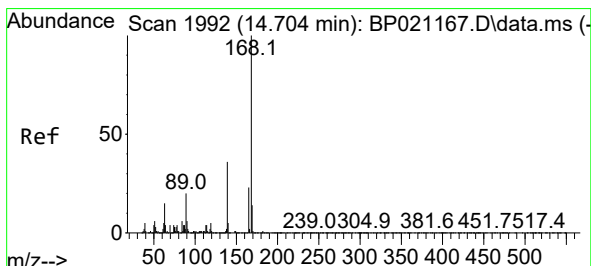
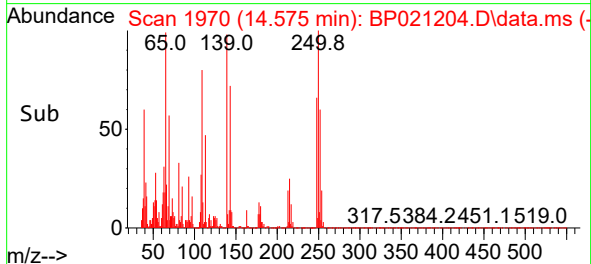
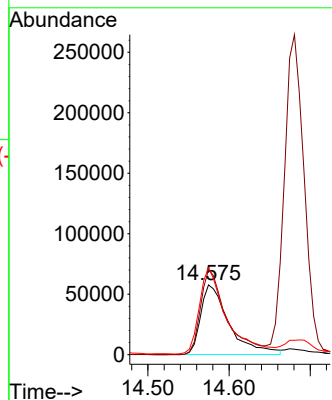
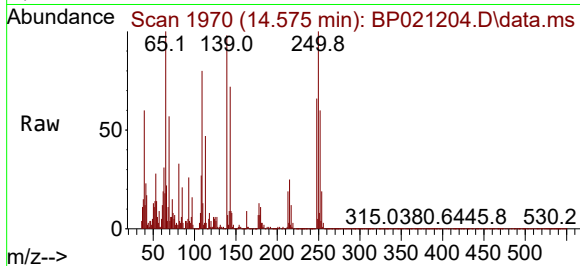




#55
4-Nitrophenol
Concen: 34.606 ng/ul
RT: 14.575 min Scan# 1977
Delta R.T. -0.036 min
Lab File: BP021204.D
Acq: 27 Jul 2024 16:39

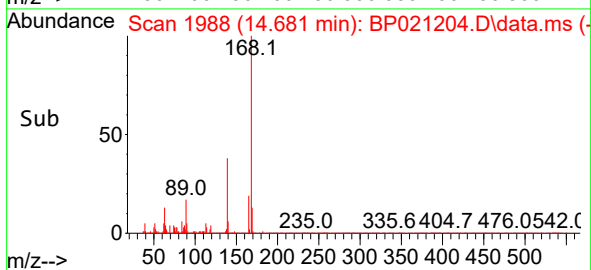
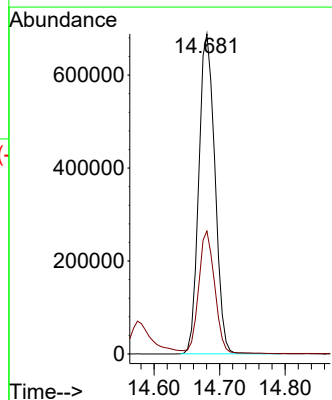
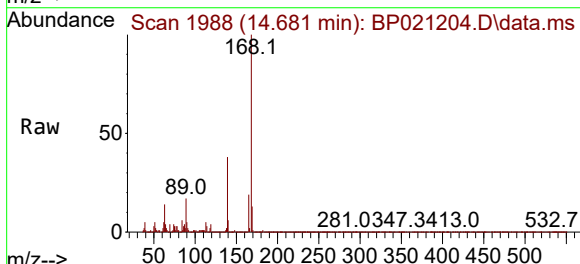
Instrument :
BNA_P
ClientSampleId :

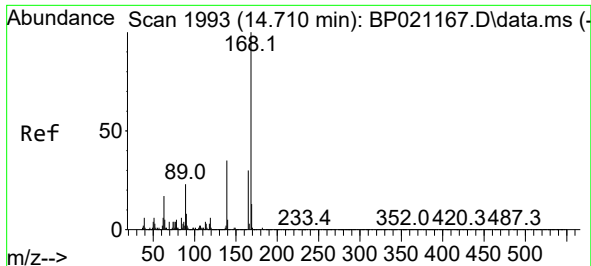
Tgt Ion:109 Resp: 139670
Ion Ratio Lower Upper
109 100
139 122.2 98.0 147.0
65 124.4 106.0 159.0



#56
Dibenzofuran
Concen: 29.179 ng/ul
RT: 14.681 min Scan# 1988
Delta R.T. -0.018 min
Lab File: BP021204.D
Acq: 27 Jul 2024 16:39

Tgt Ion:168 Resp: 1175791
Ion Ratio Lower Upper
168 100
139 38.4 31.1 46.7

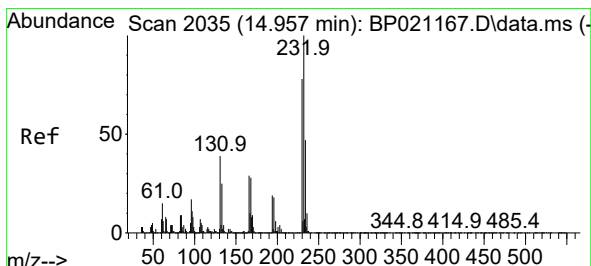
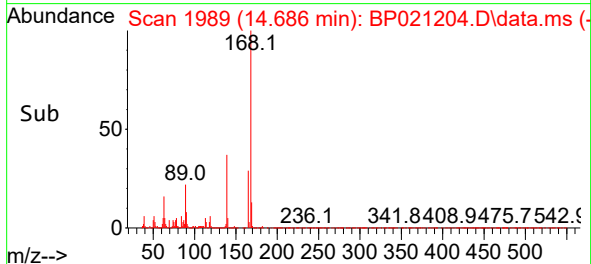
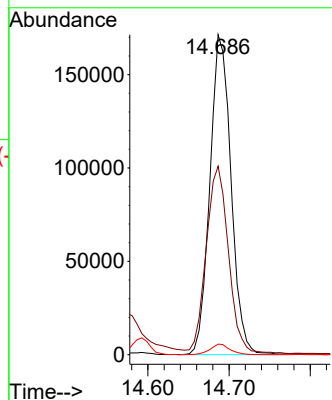
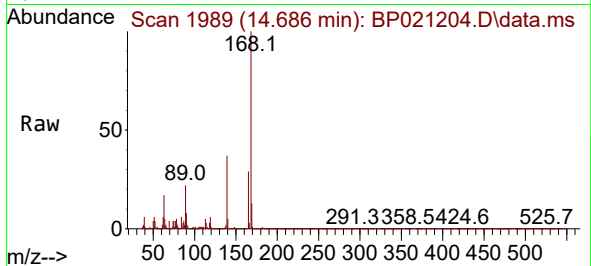




#57
2,4-Dinitrotoluene
Concen: 31.893 ng/ul
RT: 14.686 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BP021204.D
Acq: 27 Jul 2024 16:39

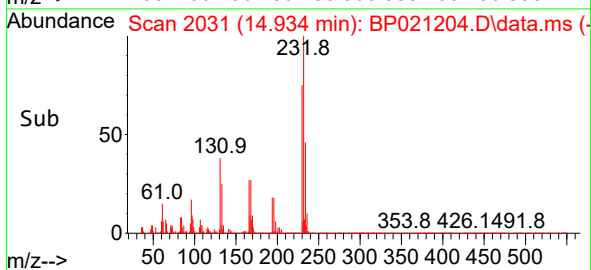
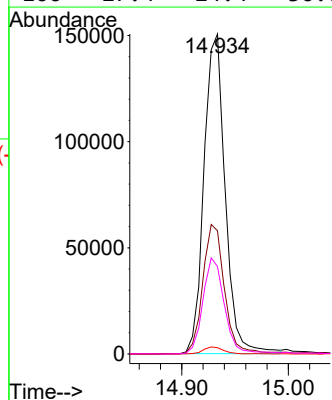
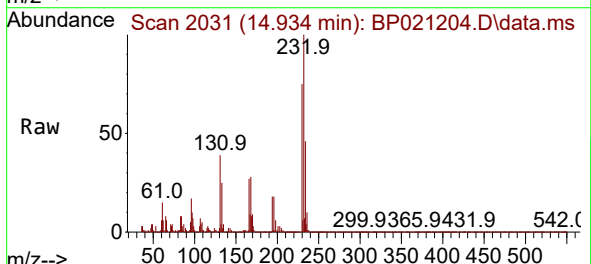
Instrument :
BNA_P
ClientSampleId :

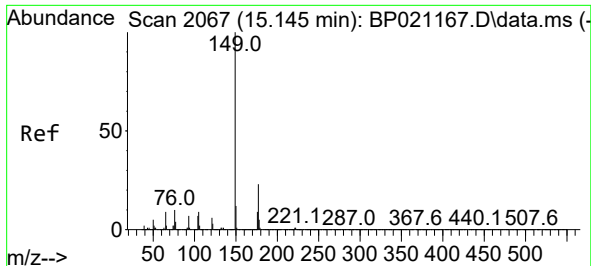
Tgt Ion:165 Resp: 309714
Ion Ratio Lower Upper
165 100
63 58.9 41.0 61.4
182 3.3 2.2 3.4



#58
2,3,4,6-Tetrachlorophenol
Concen: 23.407 ng/ul
RT: 14.934 min Scan# 2031
Delta R.T. -0.024 min
Lab File: BP021204.D
Acq: 27 Jul 2024 16:39

Tgt Ion:232 Resp: 208763
Ion Ratio Lower Upper
232 100
131 38.5 34.4 51.6
130 1.9 2.0 3.0#
166 27.4 24.4 36.6

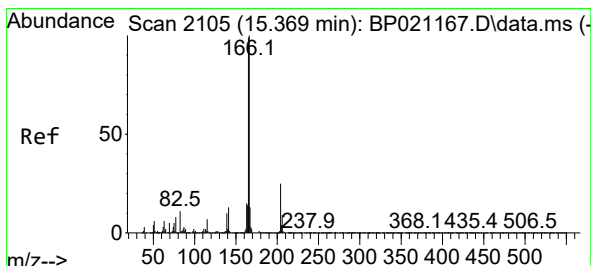
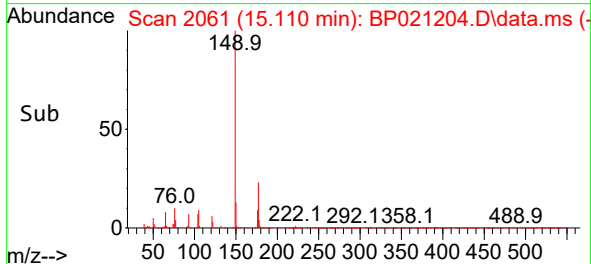
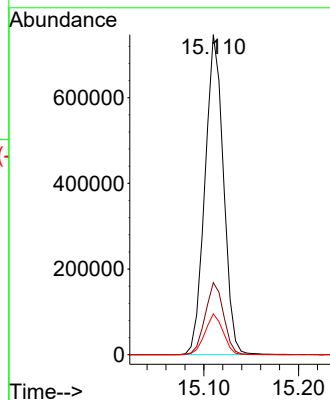
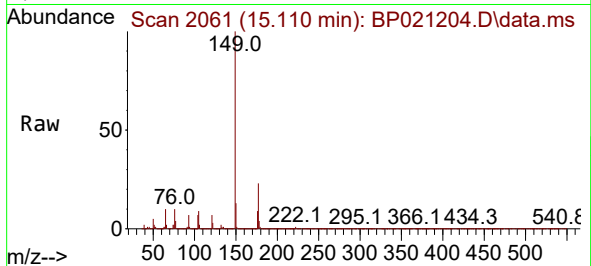




#59
Diethylphthalate
Concen: 28.543 ng/ul
RT: 15.110 min Scan# 2061
Delta R.T. -0.024 min
Lab File: BP021204.D
Acq: 27 Jul 2024 16:39

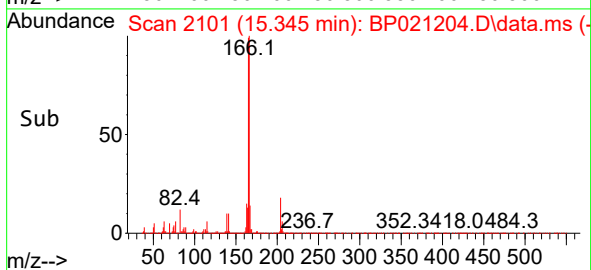
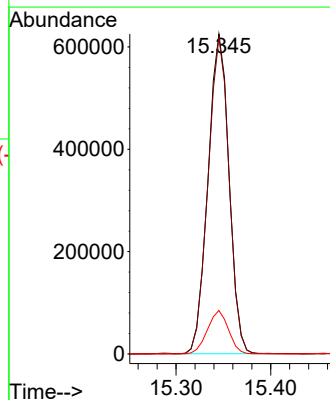
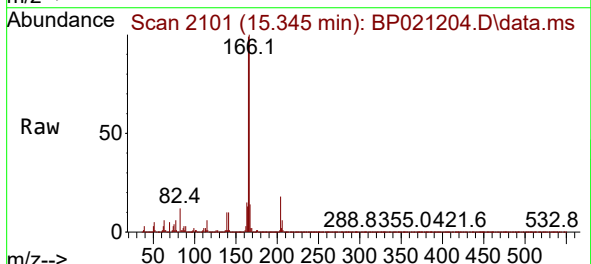
Instrument :
BNA_P
ClientSampleId :

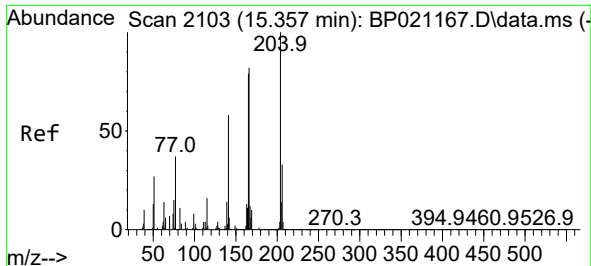
Tgt Ion:149 Resp: 1009360
Ion Ratio Lower Upper
149 100
177 22.5 17.7 26.5
150 12.7 10.2 15.2



#61
Fluorene
Concen: 29.287 ng/ul
RT: 15.345 min Scan# 2101
Delta R.T. -0.012 min
Lab File: BP021204.D
Acq: 27 Jul 2024 16:39

Tgt Ion:166 Resp: 963019
Ion Ratio Lower Upper
166 100
165 98.8 78.1 117.1
167 13.6 10.9 16.3

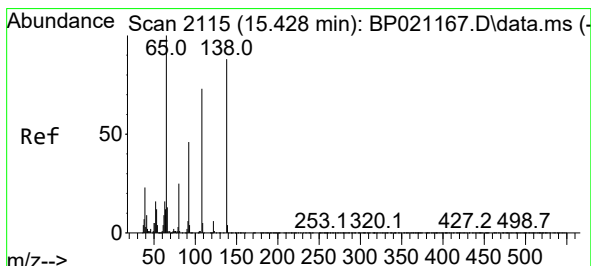
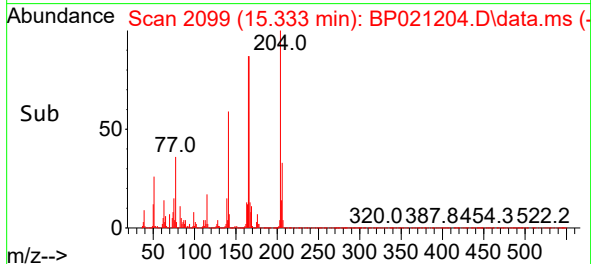
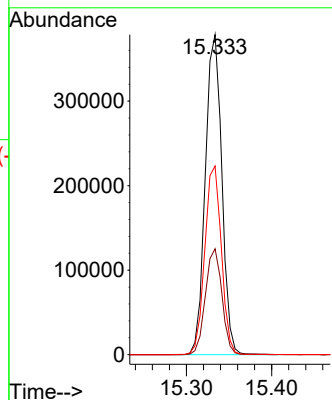
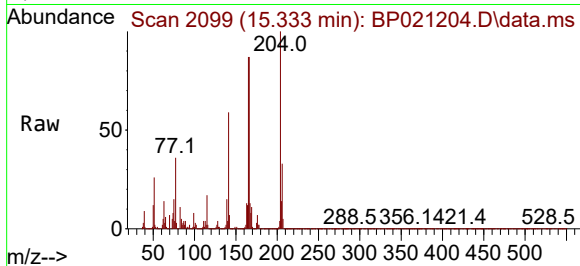




#62
4-Chlorophenyl-phenylether
Concen: 28.623 ng/ul
RT: 15.333 min Scan# 2099
Delta R.T. -0.024 min
Lab File: BP021204.D
Acq: 27 Jul 2024 16:39

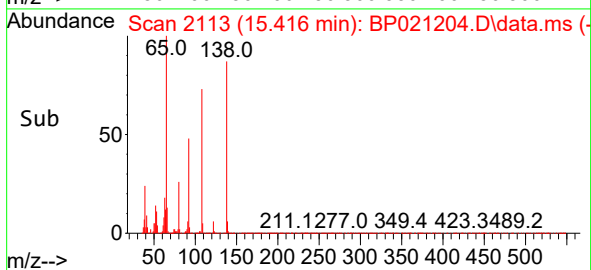
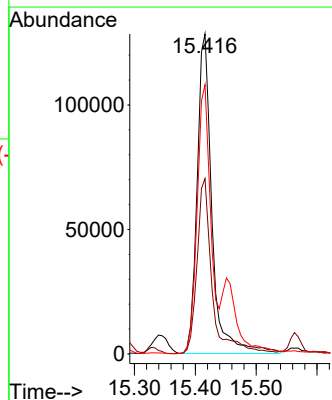
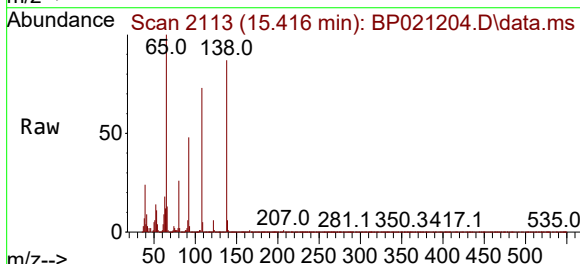
Instrument :
BNA_P
ClientSampleId :

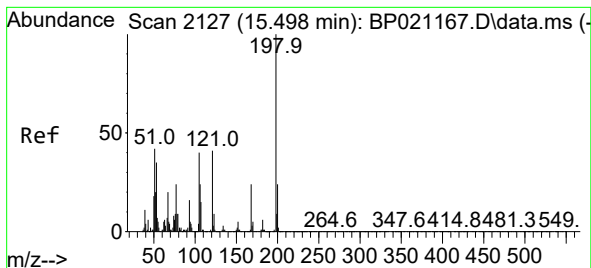
Tgt Ion:204 Resp: 510723
Ion Ratio Lower Upper
204 100
206 33.1 26.4 39.6
141 59.0 48.5 72.7



#63
4-Nitroaniline
Concen: 42.655 ng/ul
RT: 15.416 min Scan# 2113
Delta R.T. -0.012 min
Lab File: BP021204.D
Acq: 27 Jul 2024 16:39

Tgt Ion:138 Resp: 217455
Ion Ratio Lower Upper
138 100
92 54.8 40.9 61.3
108 84.1 64.7 97.1

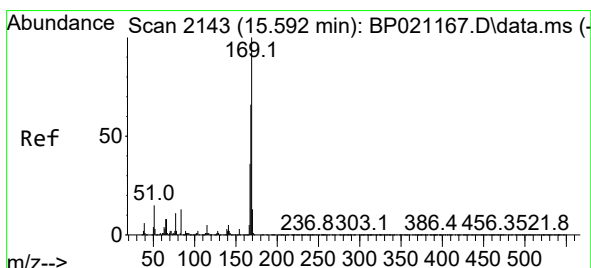
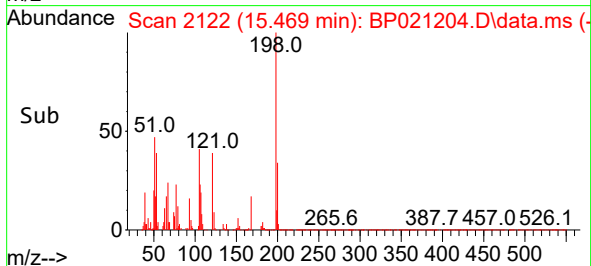
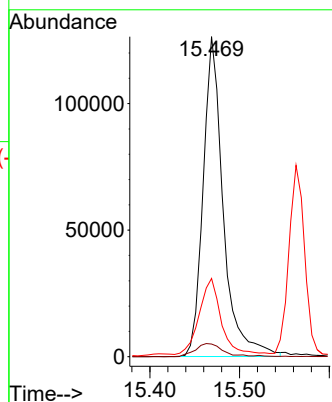
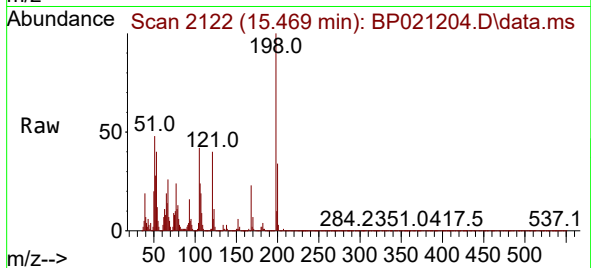




#66
 4,6-Dinitro-2-methylphenol
 Concen: 30.085 ng/ul
 RT: 15.469 min Scan# 2127
 Delta R.T. -0.018 min
 Lab File: BP021204.D
 Acq: 27 Jul 2024 16:39

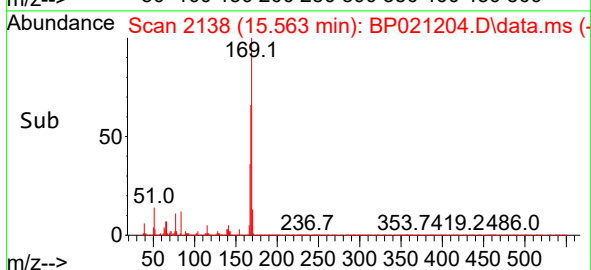
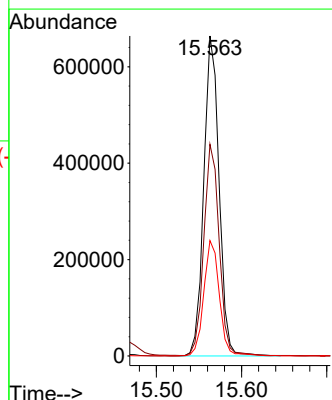
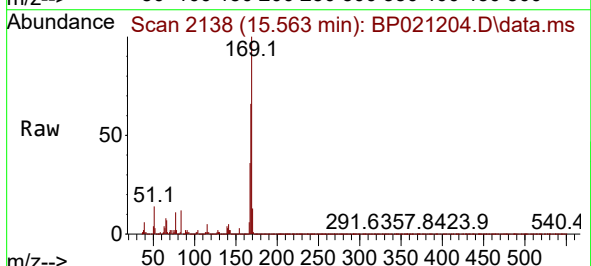
Instrument :
 BNA_P
 ClientSampleId :

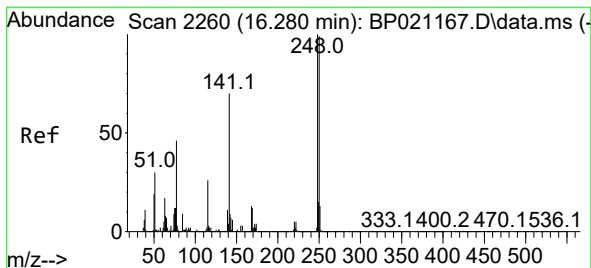
Tgt Ion:198 Resp: 196599
 Ion Ratio Lower Upper
 198 100
 182 4.0 3.8 5.6
 77 24.5 20.0 30.0



#67
 N-Nitrosodiphenylamine
 Concen: 27.839 ng/ul
 RT: 15.563 min Scan# 2138
 Delta R.T. -0.024 min
 Lab File: BP021204.D
 Acq: 27 Jul 2024 16:39

Tgt Ion:169 Resp: 825633
 Ion Ratio Lower Upper
 169 100
 168 66.2 53.4 80.2
 167 36.0 28.4 42.6

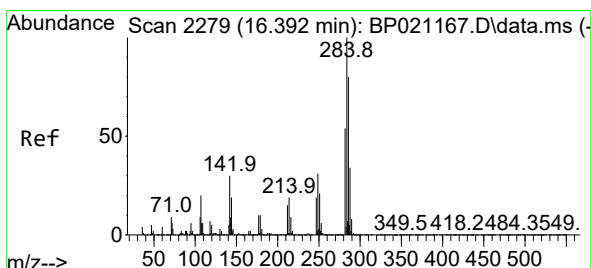
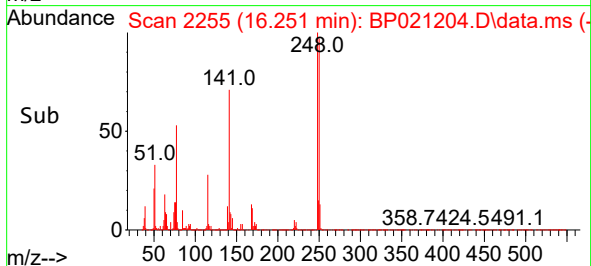
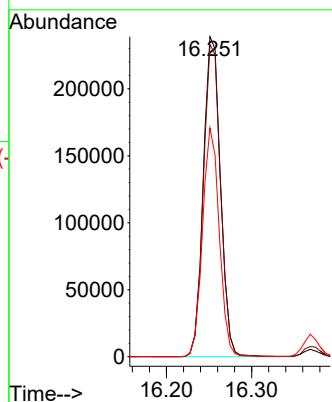
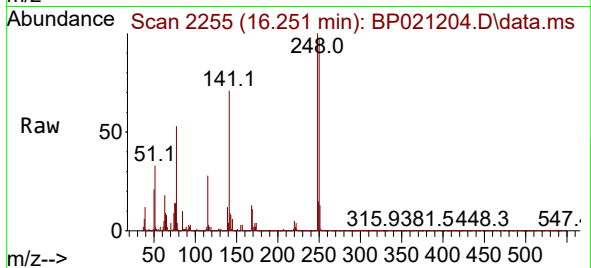




#68
4-Bromophenyl-phenylether
Concen: 27.906 ng/ul
RT: 16.251 min Scan# 21
Delta R.T. -0.024 min
Lab File: BP021204.D
Acq: 27 Jul 2024 16:39

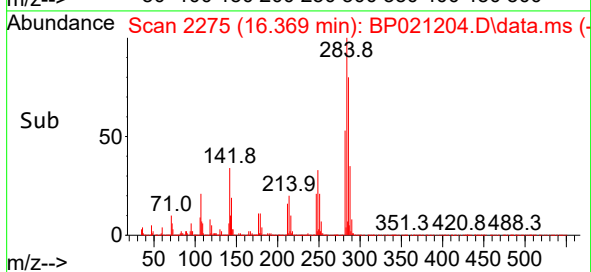
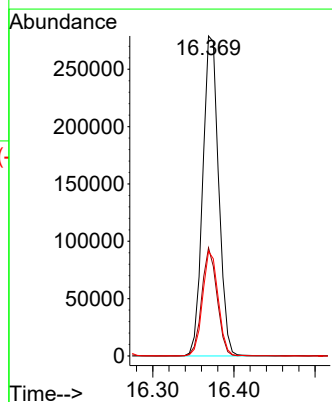
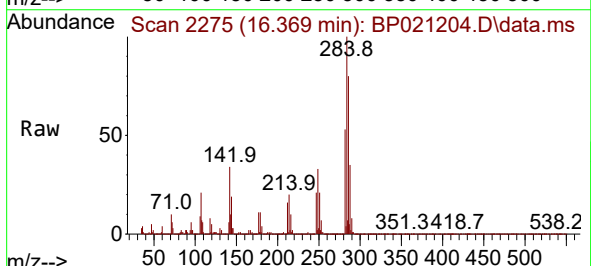
Instrument :
BNA_P
ClientSampleId :

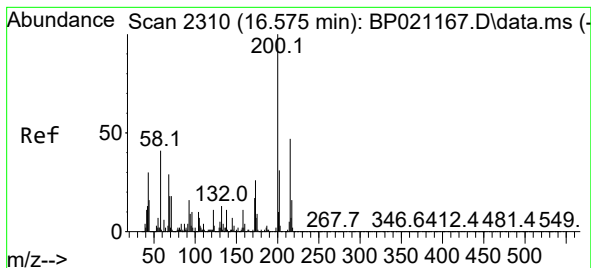
Tgt Ion:248 Resp: 333131
Ion Ratio Lower Upper
248 100
250 97.5 79.3 118.9
141 71.5 57.4 86.0



#69
Hexachlorobenzene
Concen: 27.731 ng/ul
RT: 16.369 min Scan# 2275
Delta R.T. -0.024 min
Lab File: BP021204.D
Acq: 27 Jul 2024 16:39

Tgt Ion:284 Resp: 379566
Ion Ratio Lower Upper
284 100
142 33.8 25.8 38.8
249 32.7 25.1 37.7





#70

Atrazine

Concen: 3.818 ng/ul

RT: 16.551 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP021204.D

Acq: 27 Jul 2024 16:39

Instrument :

BNA_P

ClientSampleId :

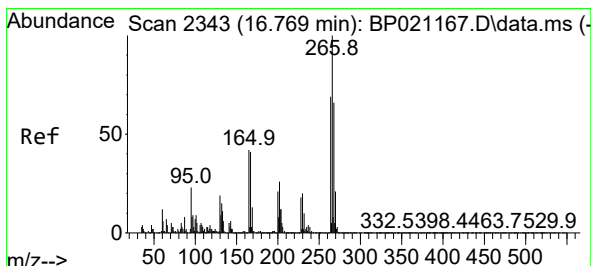
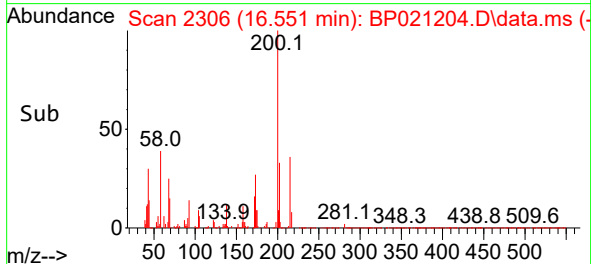
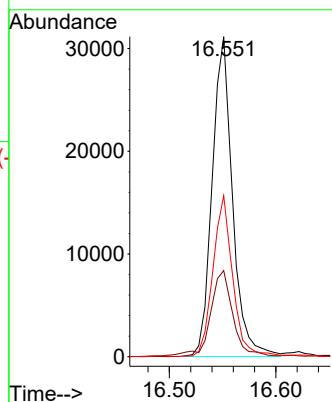
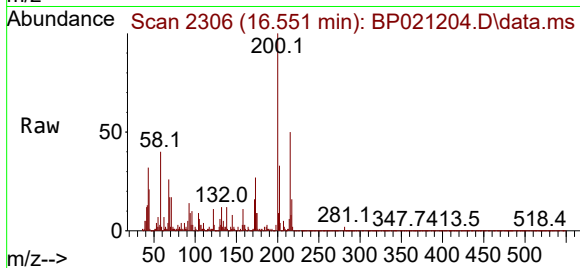
Tgt Ion:200 Resp: 41263

Ion Ratio Lower Upper

200 100

173 26.9 20.8 31.2

215 50.3 38.7 58.1



#71

Pentachlorophenol

Concen: 19.561 ng/ul

RT: 16.757 min Scan# 2341

Delta R.T. -0.006 min

Lab File: BP021204.D

Acq: 27 Jul 2024 16:39

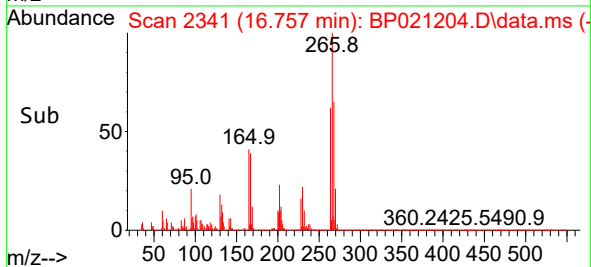
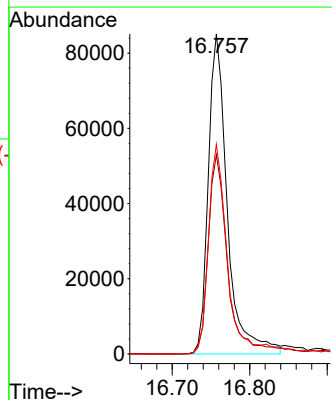
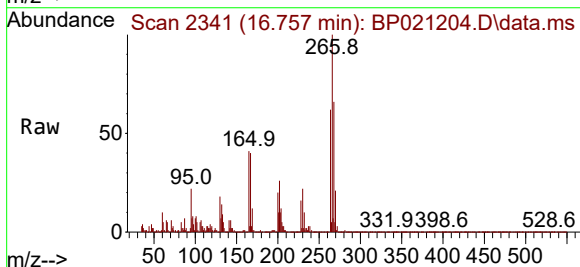
Tgt Ion:266 Resp: 145420

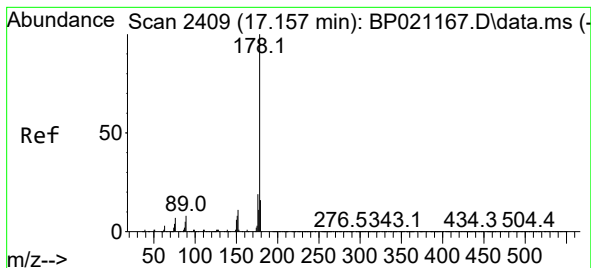
Ion Ratio Lower Upper

266 100

264 62.2 52.3 78.5

268 65.5 52.3 78.5





#72

Phenanthrene

Concen: 29.466 ng/ul

RT: 17.133 min Scan# 2405

Delta R.T. -0.012 min

Lab File: BP021204.D

Acq: 27 Jul 2024 16:39

Instrument :

BNA_P

ClientSampleId :

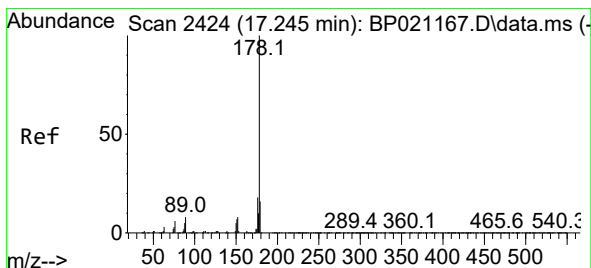
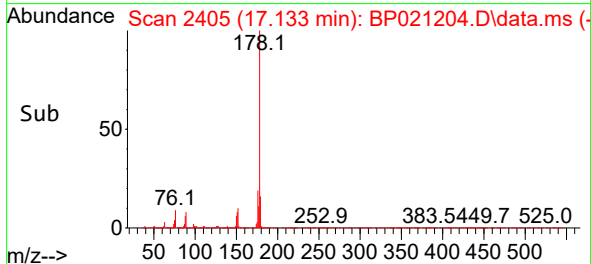
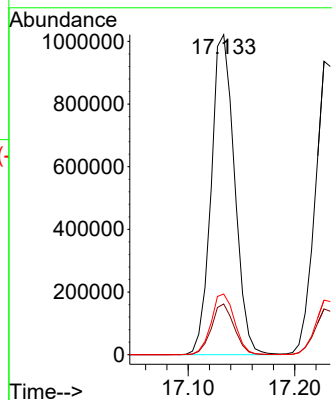
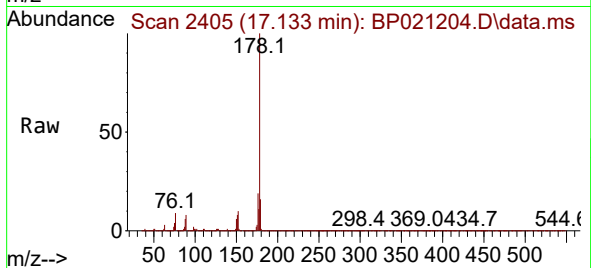
Tgt Ion:178 Resp: 1556786

Ion Ratio Lower Upper

178 100

179 15.8 12.2 18.4

176 19.0 15.0 22.4



#74

Anthracene

Concen: 29.145 ng/ul

RT: 17.227 min Scan# 2421

Delta R.T. -0.012 min

Lab File: BP021204.D

Acq: 27 Jul 2024 16:39

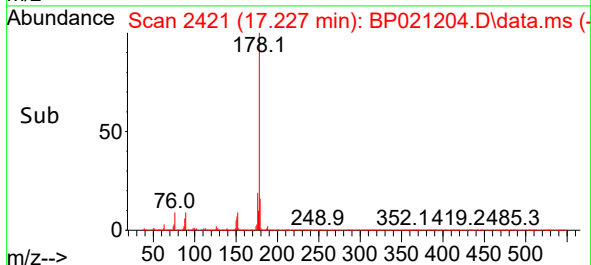
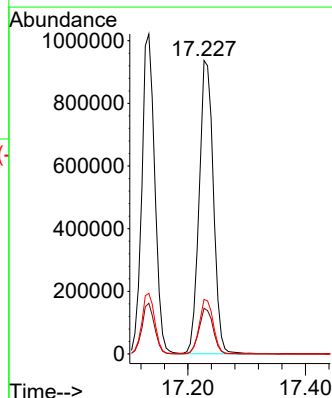
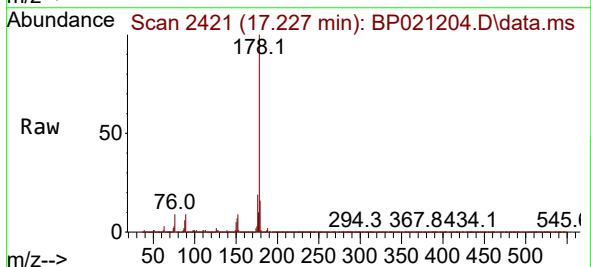
Tgt Ion:178 Resp: 1569829

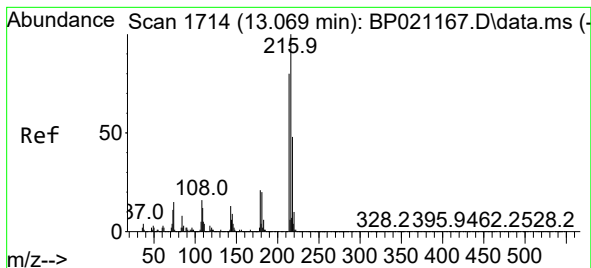
Ion Ratio Lower Upper

178 100

179 15.6 12.5 18.7

176 18.6 14.8 22.2

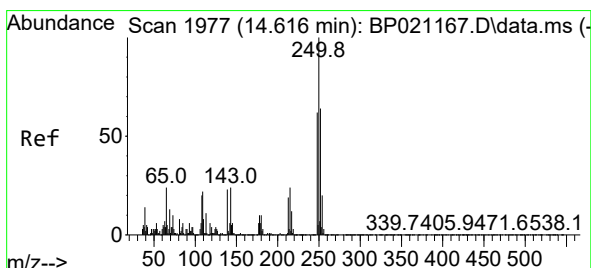
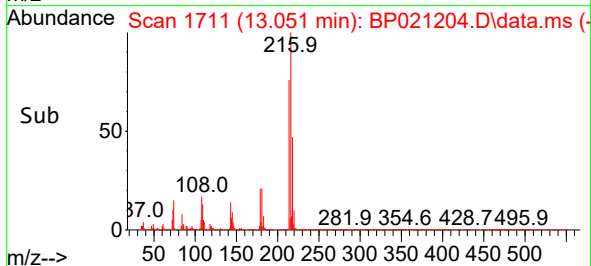
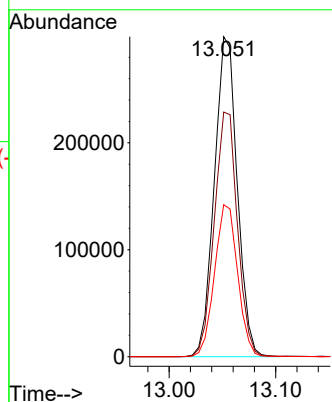
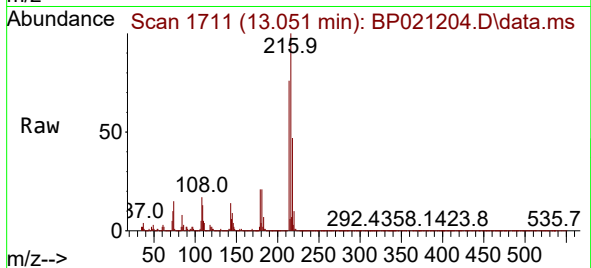




#75
1,2,3,4-Tetrachlorobenzene
Concen: 27.398 ng/uL
RT: 13.051 min Scan# 1711
Delta R.T. -0.024 min
Lab File: BP021204.D
Acq: 27 Jul 2024 16:39

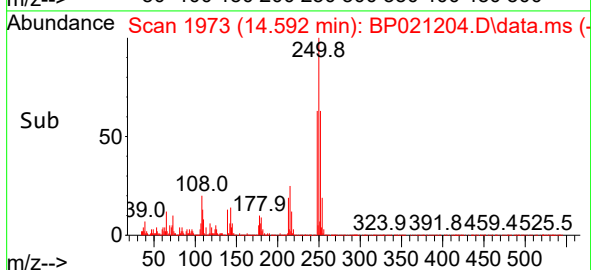
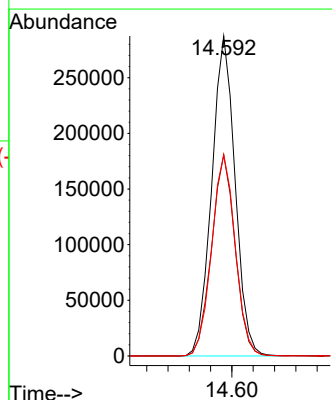
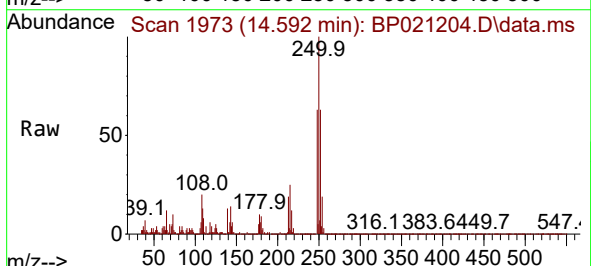
Instrument :
BNA_P
ClientSampleId :

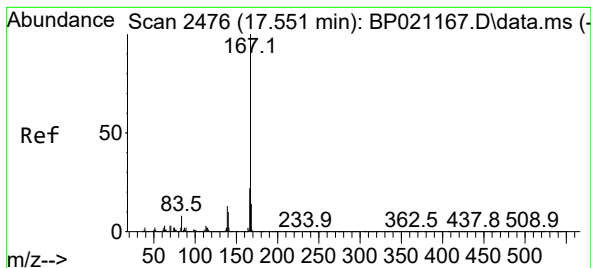
Tgt Ion:216 Resp: 446615
Ion Ratio Lower Upper
216 100
214 76.5 63.2 94.8
218 47.5 38.2 57.4



#76
Pentachlorobenzene
Concen: 26.971 ng/uL
RT: 14.592 min Scan# 1973
Delta R.T. -0.024 min
Lab File: BP021204.D
Acq: 27 Jul 2024 16:39

Tgt Ion:250 Resp: 436877
Ion Ratio Lower Upper
250 100
248 62.8 50.8 76.2
252 63.0 51.6 77.4





#77

Carbazole

Concen: 33.118 ng/ul

RT: 17.527 min Scan# 2476

Delta R.T. -0.012 min

Lab File: BP021204.D

Acq: 27 Jul 2024 16:39

Instrument :

BNA_P

ClientSampleId :

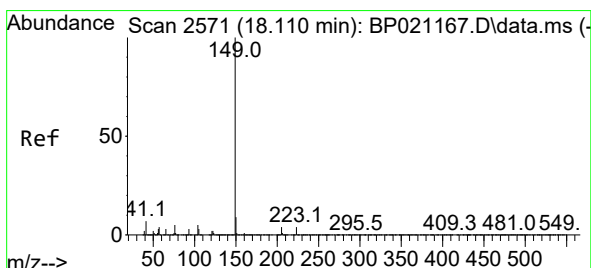
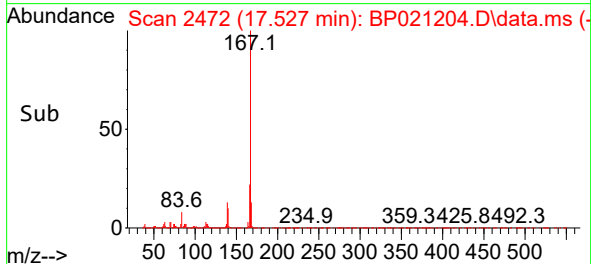
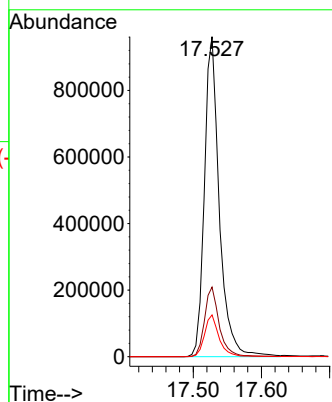
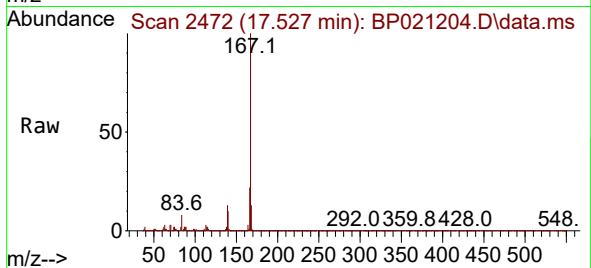
Tgt Ion:167 Resp: 1458217

Ion Ratio Lower Upper

167 100

166 21.8 17.3 25.9

139 13.1 10.2 15.2



#78

Di-n-butylphthalate

Concen: 30.125 ng/ul

RT: 18.080 min Scan# 2566

Delta R.T. -0.024 min

Lab File: BP021204.D

Acq: 27 Jul 2024 16:39

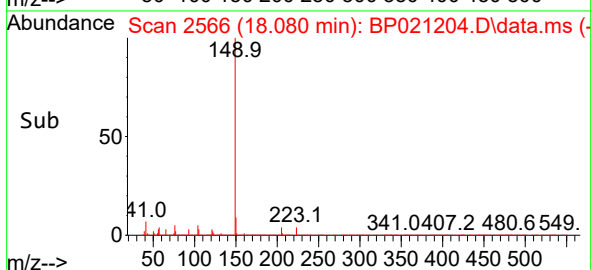
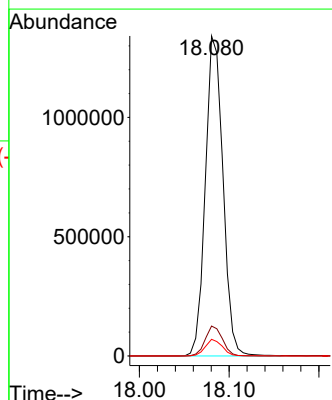
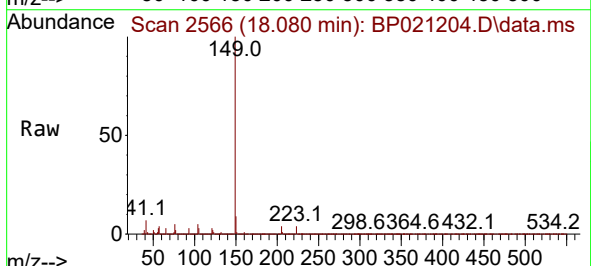
Tgt Ion:149 Resp: 1830015

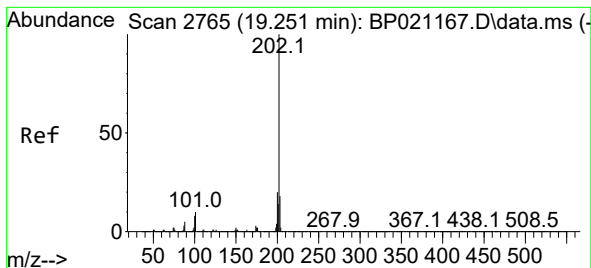
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

104 5.2 3.9 5.9





#80

Fluoranthene

Concen: 24.222 ng/ul

RT: 19.233 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP021204.D

Acq: 27 Jul 2024 16:39

Instrument :

BNA_P

ClientSampleId :

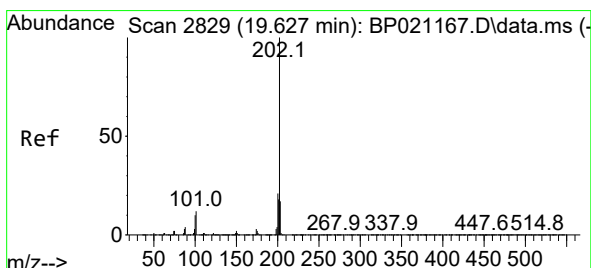
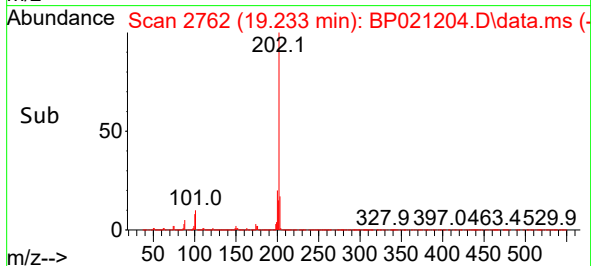
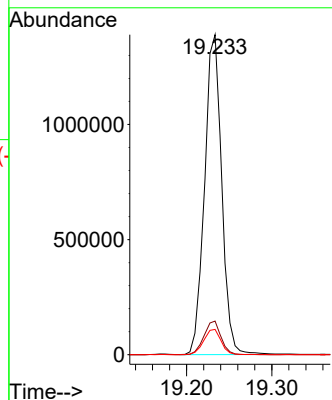
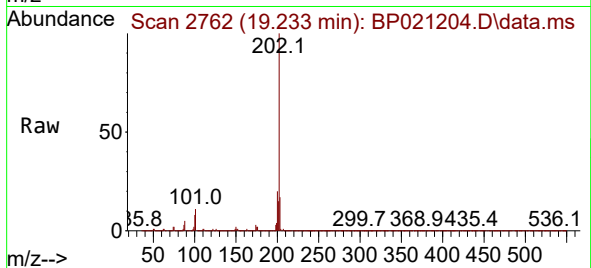
Tgt Ion:202 Resp: 1946262

Ion Ratio Lower Upper

202 100

101 10.5 8.0 12.0

100 7.9 6.1 9.1



#82

Pyrene

Concen: 25.310 ng/ul

RT: 19.610 min Scan# 2826

Delta R.T. -0.006 min

Lab File: BP021204.D

Acq: 27 Jul 2024 16:39

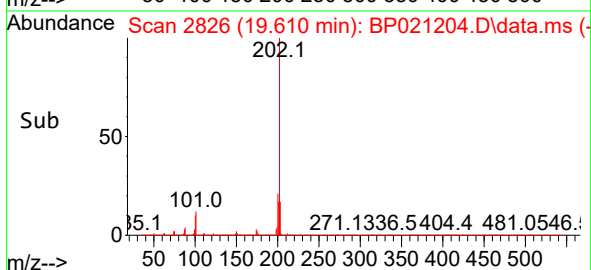
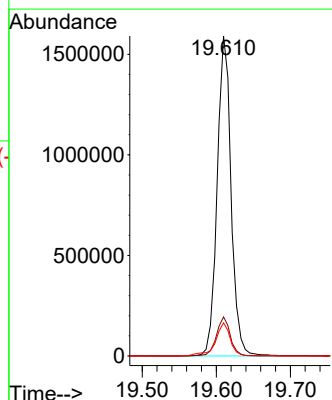
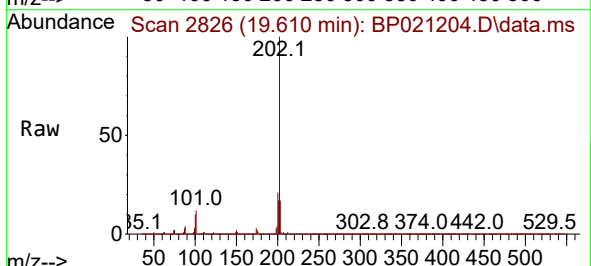
Tgt Ion:202 Resp: 2069470

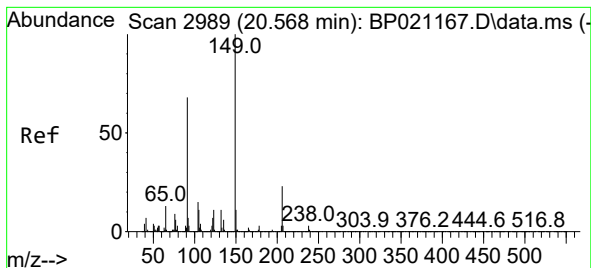
Ion Ratio Lower Upper

202 100

101 12.2 9.4 14.2

100 10.3 7.8 11.6





#83

Butylbenzylphthalate

Concen: 25.895 ng/ul

RT: 20.557 min Scan# 2989

Delta R.T. -0.006 min

Lab File: BP021204.D

Acq: 27 Jul 2024 16:39

Instrument :

BNA_P

ClientSampleId :

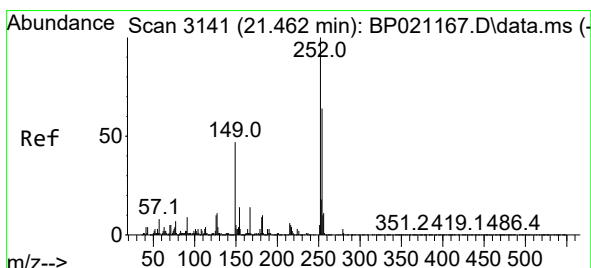
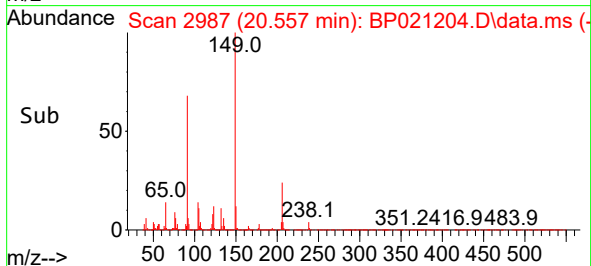
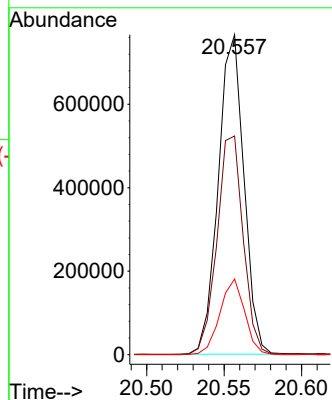
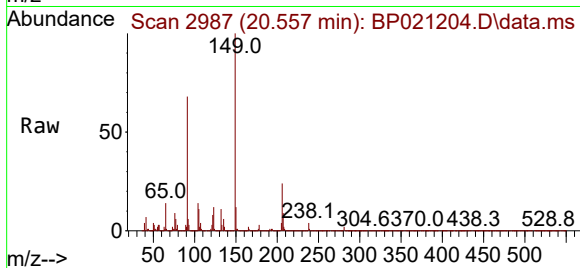
Tgt Ion:149 Resp: 882165

Ion Ratio Lower Upper

149 100

91 68.3 54.1 81.1

206 23.7 17.0 25.6



#84

3,3'-Dichlorobenzidine

Concen: 31.979 ng/ul

RT: 21.451 min Scan# 3139

Delta R.T. -0.012 min

Lab File: BP021204.D

Acq: 27 Jul 2024 16:39

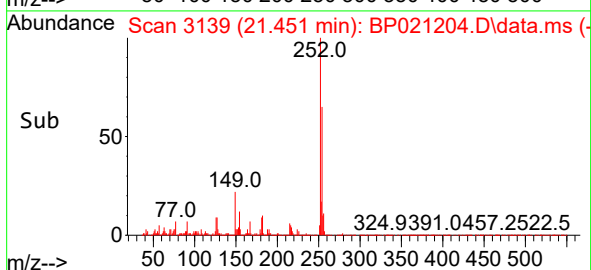
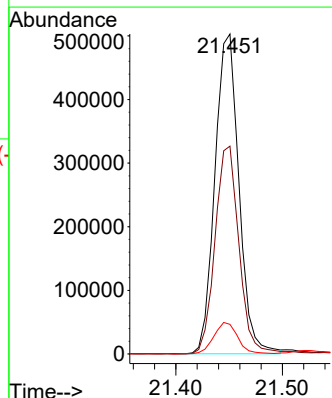
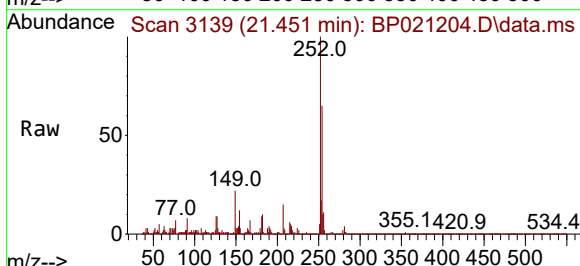
Tgt Ion:252 Resp: 786419

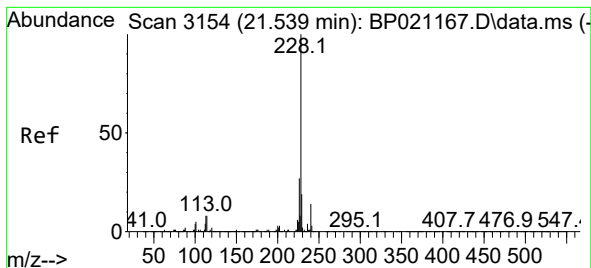
Ion Ratio Lower Upper

252 100

254 65.0 51.5 77.3

126 9.2 8.0 12.0





#85

Benzo(a)anthracene

Concen: 28.790 ng/ul

RT: 21.521 min Scan# 3151

Delta R.T. -0.012 min

Lab File: BP021204.D

Acq: 27 Jul 2024 16:39

Instrument :

BNA_P

ClientSampleId :

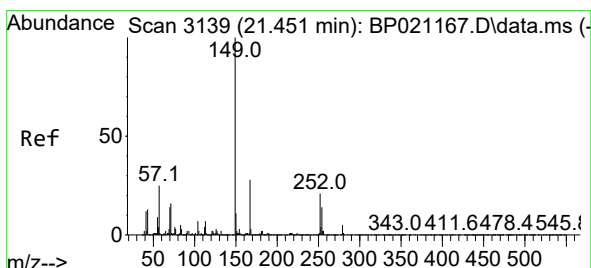
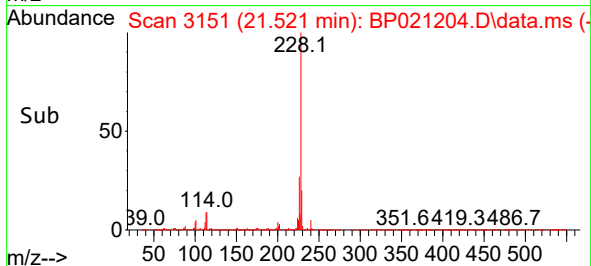
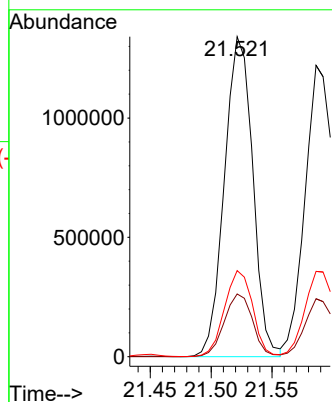
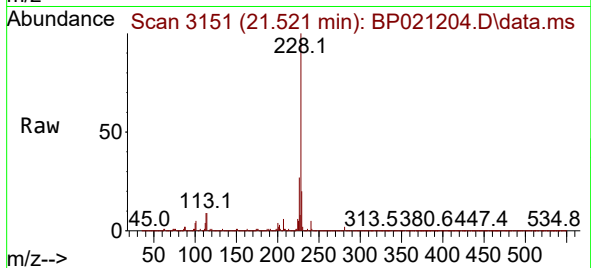
Tgt Ion:228 Resp: 2170410

Ion Ratio Lower Upper

228 100

229 19.6 15.5 23.3

226 26.9 21.4 32.2



#86

Bis(2-ethylhexyl)phthalate

Concen: 26.879 ng/ul

RT: 21.433 min Scan# 3136

Delta R.T. -0.018 min

Lab File: BP021204.D

Acq: 27 Jul 2024 16:39

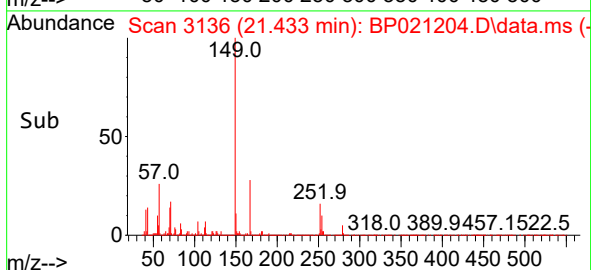
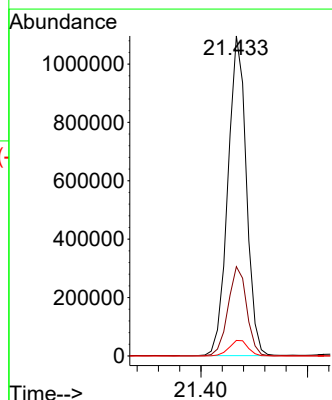
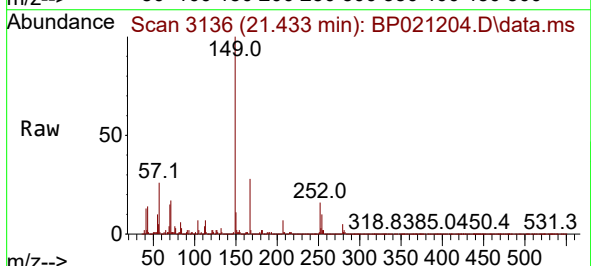
Tgt Ion:149 Resp: 1317766

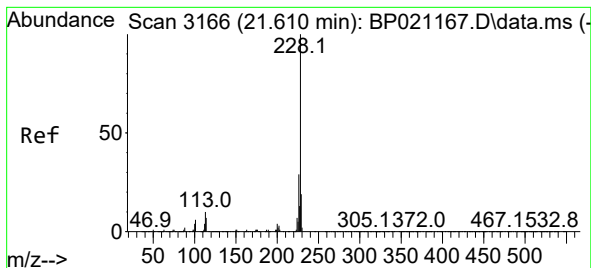
Ion Ratio Lower Upper

149 100

167 27.9 22.1 33.1

279 4.9 3.7 5.5





#87

Chrysene

Concen: 29.115 ng/ul

RT: 21.586 min Scan# 3166

Delta R.T. -0.018 min

Lab File: BP021204.D

Acq: 27 Jul 2024 16:39

Instrument :

BNA_P

ClientSampleId :

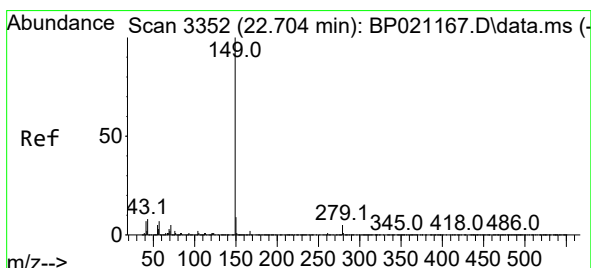
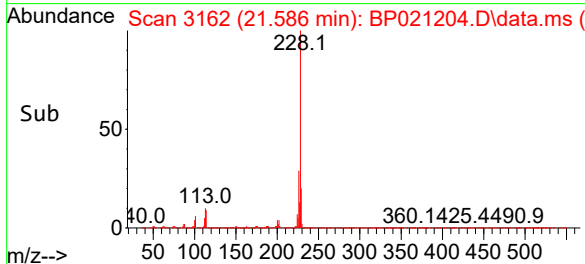
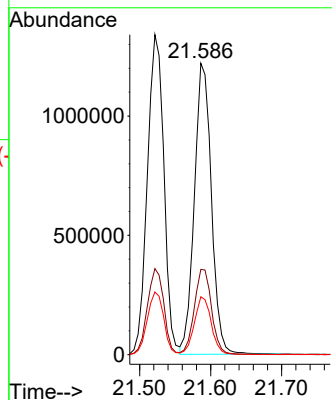
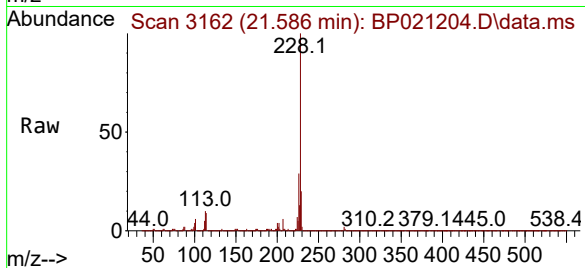
Tgt Ion:228 Resp: 2039537

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: 27.241 ng/ul

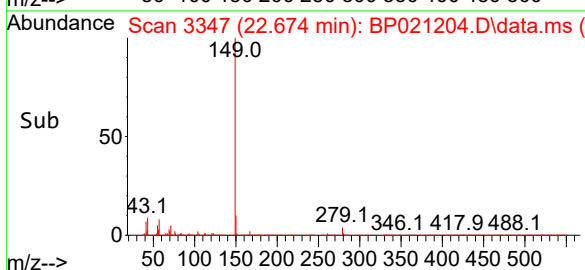
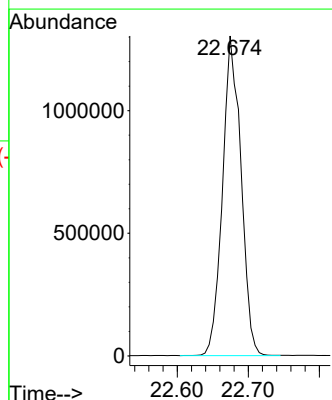
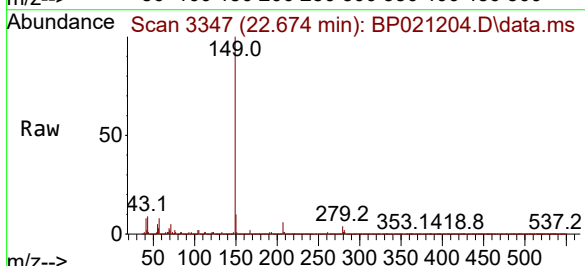
RT: 22.674 min Scan# 3347

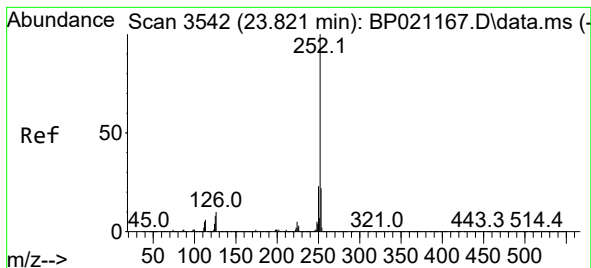
Delta R.T. -0.018 min

Lab File: BP021204.D

Acq: 27 Jul 2024 16:39

Tgt Ion:149 Resp: 2348031





#90

Benzo(b)fluoranthene

Concen: 28.855 ng/ul

RT: 23.804 min Scan# 3539

Delta R.T. -0.018 min

Lab File: BP021204.D

Acq: 27 Jul 2024 16:39

Instrument :

BNA_P

ClientSampleId :

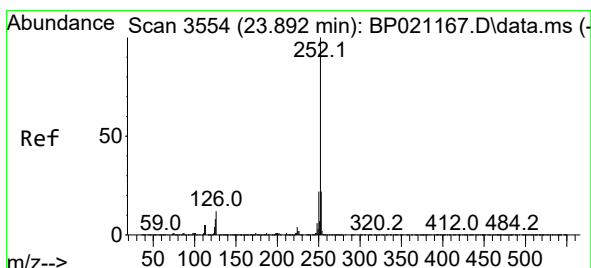
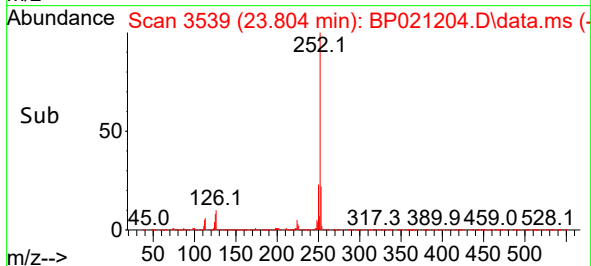
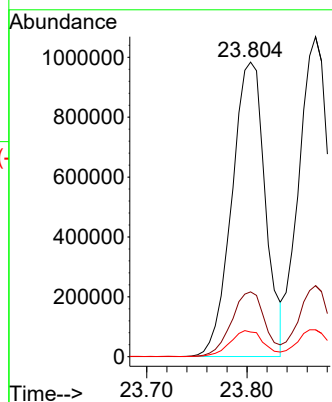
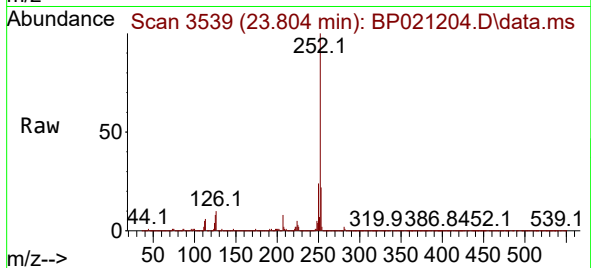
Tgt Ion:252 Resp: 2284700

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

125 8.4 7.0 10.4



#91

Benzo(k)fluoranthene

Concen: 28.992 ng/ul

RT: 23.868 min Scan# 3550

Delta R.T. -0.018 min

Lab File: BP021204.D

Acq: 27 Jul 2024 16:39

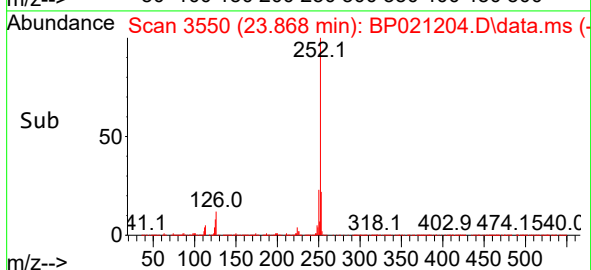
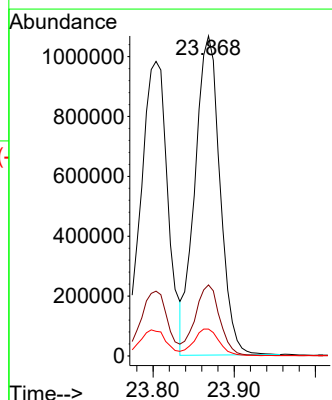
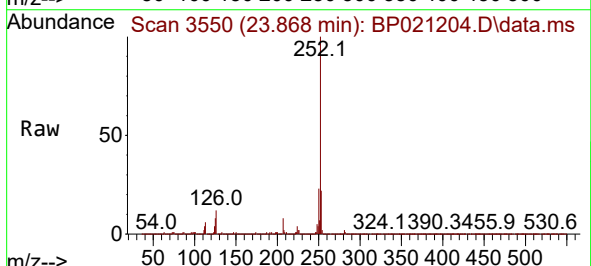
Tgt Ion:252 Resp: 2290898

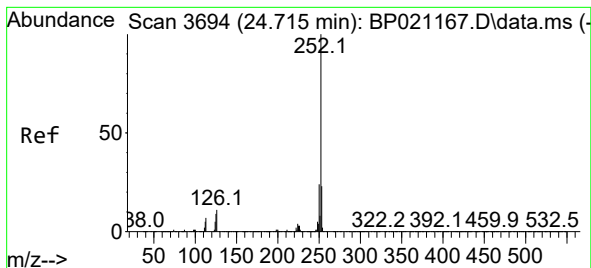
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

125 8.4 7.4 11.0





#93

Benzo(a)pyrene

Concen: 27.939 ng/ul

RT: 24.692 min Scan# 30

Delta R.T. -0.024 min

Lab File: BP021204.D

Acq: 27 Jul 2024 16:39

Instrument :

BNA_P

ClientSampleId :

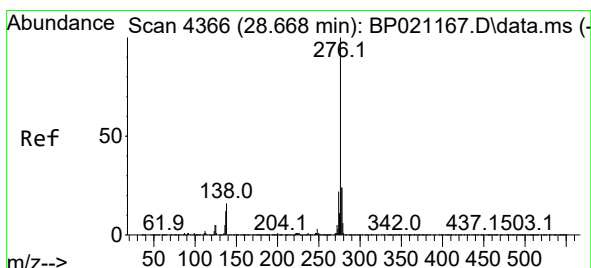
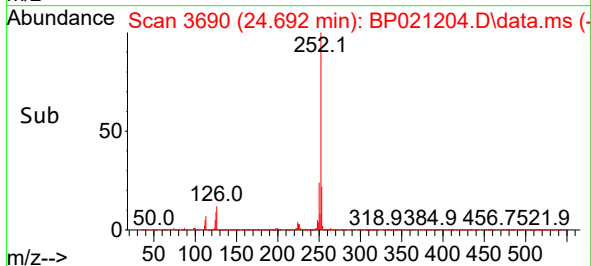
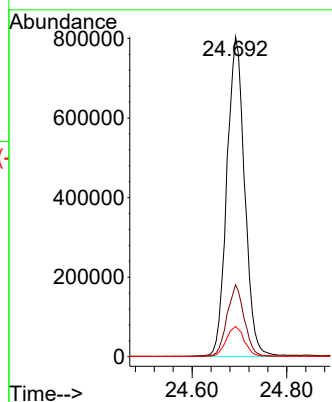
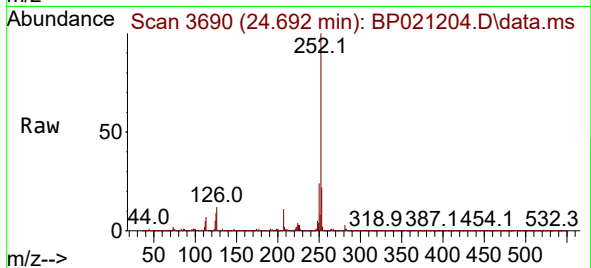
Tgt Ion:252 Resp: 2090457

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.0

125 9.4 7.7 11.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 29.490 ng/ul

RT: 28.609 min Scan# 4356

Delta R.T. -0.030 min

Lab File: BP021204.D

Acq: 27 Jul 2024 16:39

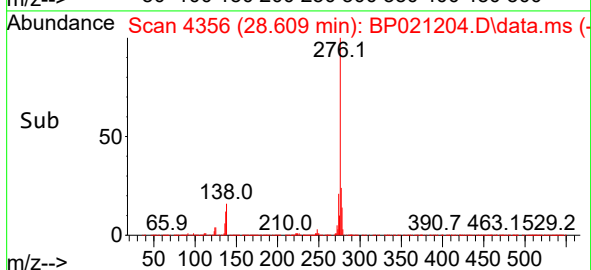
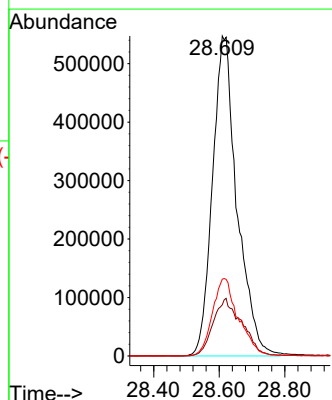
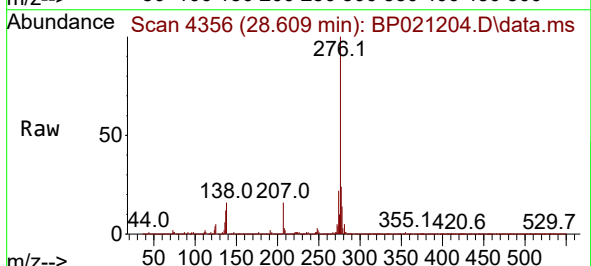
Tgt Ion:276 Resp: 2843301

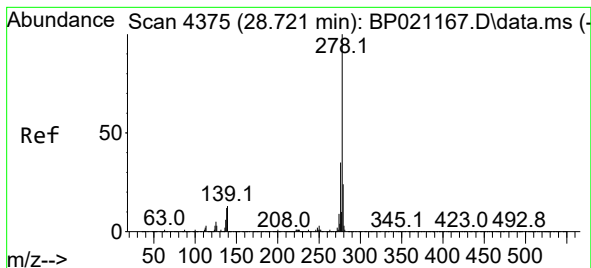
Ion Ratio Lower Upper

276 100

138 16.0 14.3 21.5

277 24.0 19.2 28.8





#95

Dibenzo(a,h)anthracene

Concen: 29.313 ng/ul

RT: 28.668 min Scan# 41

Delta R.T. -0.024 min

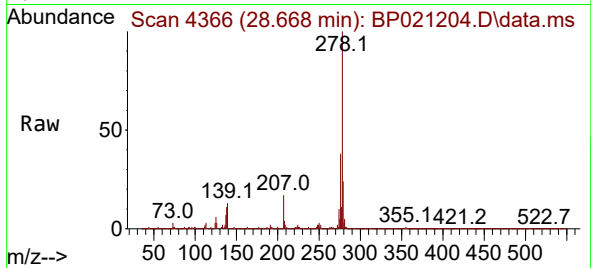
Lab File: BP021204.D

Acq: 27 Jul 2024 16:39

Instrument :

BNA_P

ClientSampleId :



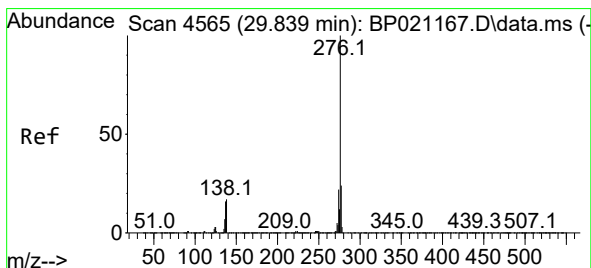
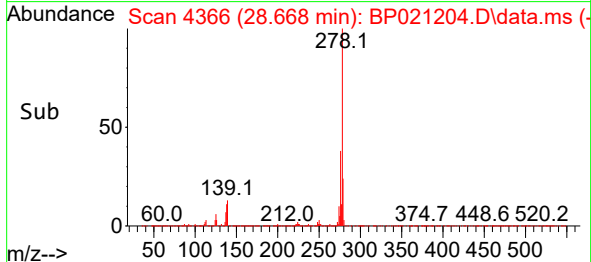
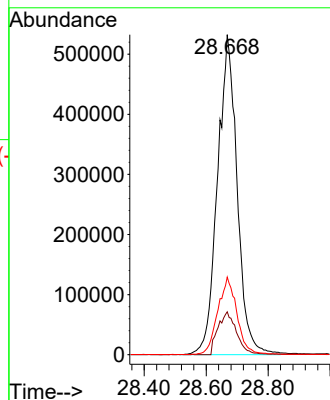
Tgt Ion:278 Resp: 2340379

Ion Ratio Lower Upper

278 100

139 13.4 10.9 16.3

279 24.2 19.4 29.0



#96

Benzo(g,h,i)perylene

Concen: 28.878 ng/ul

RT: 29.797 min Scan# 4558

Delta R.T. -0.012 min

Lab File: BP021204.D

Acq: 27 Jul 2024 16:39

Tgt Ion:276 Resp: 2267548

Ion Ratio Lower Upper

276 100

138 17.8 15.3 22.9

277 23.3 18.2 27.2

