

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072624\
 Data File : BP021200.D
 Acq On : 27 Jul 2024 13:44
 Operator : MA/JU
 Sample : P3280-10MSD
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jul 29 00:43:24 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	7.634	152	256293	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.416	136	996415	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.280	164	636635	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.104	188	1353247	20.000	ng/ul	0.00
79) Chrysene-d12	21.551	240	1338616	20.000	ng/ul	0.00
88) Perylene-d12	24.862	264	1568729	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	12511	2.221	ng/uL	0.00
4) Pyridine-d5	3.599	84	132355	8.117	ng/ul	0.00
7) Phenol-d5	6.863	99	145083	6.943	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.987	67	305978	24.164	ng/ul	0.00
11) 2-Chlorophenol-d4	7.192	132	380922	22.127	ng/ul	-0.01
15) 4-Methylphenol-d8	8.369	113	251459	14.490	ng/ul	-0.01
21) Nitrobenzene-d5	8.798	128	204335	26.402	ng/ul	0.00
24) 2-Nitrophenol-d4	9.510	143	235141	26.545	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.063	165	423881	26.464	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.563	131	430452	20.286	ng/ul	0.00
46) Dimethylphthalate-d6	13.686	166	1395830	30.161	ng/ul	-0.01
49) Acenaphthylene-d8	13.974	160	1491345	28.698	ng/ul	0.00
54) 4-Nitrophenol-d4	14.604	143	109895	16.690	ng/ul	0.00
60) Fluorene-d10	15.298	176	1138852	29.995	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.468	200	265606	32.439	ng/ul	0.00
73) Anthracene-d10	17.204	188	1828482	30.422	ng/ul	0.00
81) Pyrene-d10	19.592	212	2268880	27.416	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.633	264	2501856	32.336	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.210	88	28251	4.561	ng/uL	96
5) Pyridine	3.616	79	147507	8.771	ng/ul	95
6) Benzaldehyde	6.816	77	275964	26.197	ng/ul	99
8) Phenol	6.887	94	155207	7.341	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.081	93	408128	23.366	ng/ul	99
12) 2-Chlorophenol	7.222	128	381229	22.095	ng/ul	98
13) 2-Methylphenol	8.104	108	285630	17.468	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.157	45	578282	22.916	ng/ul	97
16) Acetophenone	8.463	105	632730	23.623	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.439	70	320653	22.848	ng/ul	98
18) 4-Methylphenol	8.434	108	271705	15.510	ng/ul	95
19) Hexachloroethane	8.686	117	169313	21.836	ng/ul	100
22) Nitrobenzene	8.839	77	475922	25.671	ng/ul	99
23) Isophorone	9.357	82	920136	24.965	ng/ul	99
25) 2-Nitrophenol	9.539	139	247808	26.824	ng/ul	99
26) 2,4-Dimethylphenol	9.616	107	380641	20.894	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.822	93	548458	24.481	ng/ul	99
29) 2,4-Dichlorophenol	10.086	162	407145	25.792	ng/ul	98
30) Naphthalene	10.463	128	1296091	24.729	ng/ul	100
32) 4-Chloroaniline	10.586	127	354972	17.519	ng/ul	99
33) Hexachlorobutadiene	10.722	225	286175	24.178	ng/ul	98
34) Caprolactam	11.422	113	23924	4.920	ng/ul	85
35) 4-Chloro-3-methylphenol	11.733	107	449788	26.213	ng/ul	99
36) 2-Methylnaphthalene	12.069	142	919180	25.549	ng/ul	98

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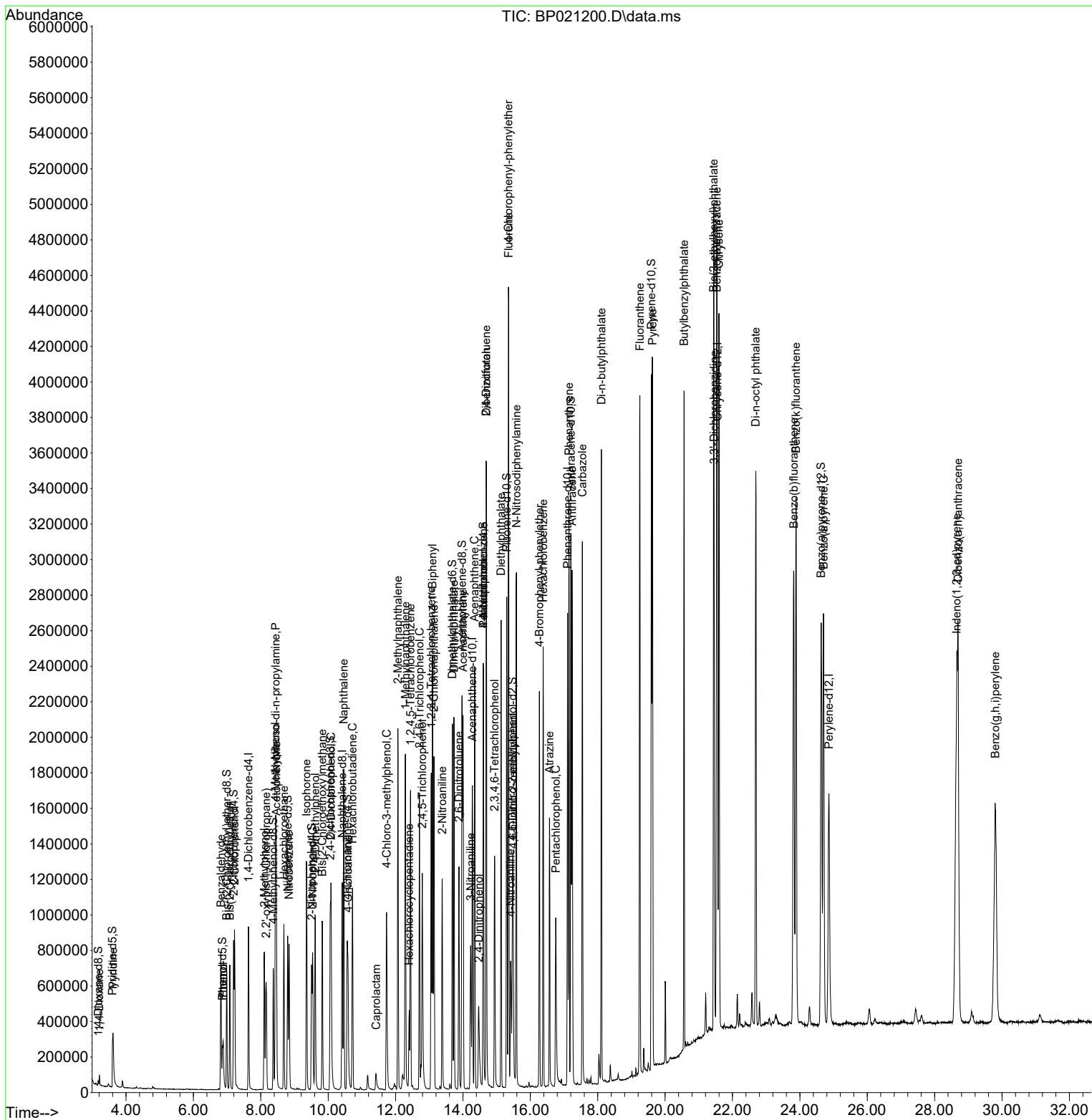
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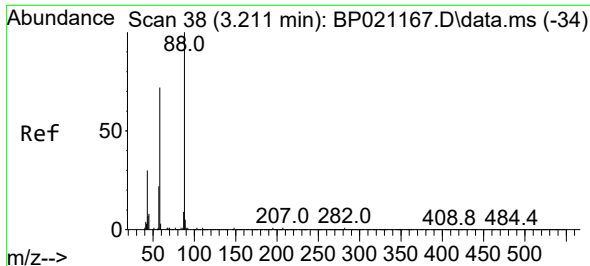
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 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 25 00:15:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.292	142	937895	25.347	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.445	216	550897	26.645	ng/ul	97
40) Hexachlorocyclopentadiene	12.404	237	127140	11.755	ng/ul	99
41) 2,4,6-Trichlorophenol	12.710	196	365780	27.998	ng/ul	99
42) 2,4,5-Trichlorophenol	12.792	196	403005	29.156	ng/ul	98
43) 1,1'-Biphenyl	13.098	154	1241804	26.690	ng/ul	99
44) 2-Chloronaphthalene	13.139	162	986010	26.546	ng/ul	98
45) 2-Nitroaniline	13.386	65	332322	32.354	ng/ul	99
47) Dimethylphthalate	13.733	163	1376751	29.318	ng/ul	100
48) 2,6-Dinitrotoluene	13.880	165	288988	30.781	ng/ul	98
50) Acenaphthylene	14.004	152	1589285	27.012	ng/ul	99
51) 3-Nitroaniline	14.227	138	271974	33.290	ng/ul	95
52) Acenaphthene	14.345	153	1064672	27.263	ng/ul	98
53) 2,4-Dinitrophenol	14.469	184	165358	33.539	ng/ul	98
55) 4-Nitrophenol	14.610	109	64771	12.093	ng/ul#	54
56) Dibenzofuran	14.692	168	1531259	28.634	ng/ul	97
57) 2,4-Dinitrotoluene	14.692	165	422078	32.750	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	14.939	232	339892	28.716	ng/ul	97
59) Diethylphthalate	15.133	149	1395132	29.728	ng/ul	100
61) Fluorene	15.357	166	1270070	29.104	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.351	204	674025	28.464	ng/ul	96
63) 4-Nitroaniline	15.416	138	282839	41.805	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.492	198	274836	31.652	ng/ul#	94
67) N-Nitrosodiphenylamine	15.586	169	1121165	28.451	ng/ul	100
68) 4-Bromophenyl-phenylether	16.268	248	449256	28.323	ng/ul	98
69) Hexachlorobenzene	16.380	284	534931	29.413	ng/ul	98
70) Atrazine	16.568	200	288716	20.103	ng/ul	98
71) Pentachlorophenol	16.757	266	261245	26.448	ng/ul	96
72) Phenanthrene	17.145	178	2072710	29.525	ng/ul	99
74) Anthracene	17.239	178	2071149	28.940	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.057	216	552168	25.493	ng/uL	99
76) Pentachlorobenzene	14.610	250	591927	27.503	ng/uL	98
77) Carbazole	17.545	167	1955452	33.424	ng/ul	100
78) Di-n-butylphthalate	18.110	149	2460004	30.477	ng/ul	100
80) Fluoranthene	19.251	202	2583381	25.848	ng/ul	99
82) Pyrene	19.627	202	2685574	26.406	ng/ul	99
83) Butylbenzylphthalate	20.562	149	1151927	27.185	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.456	252	756442	24.730	ng/ul	99
85) Benzo(a)anthracene	21.533	228	2749000	29.316	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.445	149	1675768	27.481	ng/ul	99
87) Chrysene	21.598	228	2633806	30.227	ng/ul	99
89) Di-n-octyl phthalate	22.692	149	2956618	28.530	ng/ul	100
90) Benzo(b)fluoranthene	23.821	252	2857076	30.012	ng/ul	99
91) Benzo(k)fluoranthene	23.886	252	2817201	29.653	ng/ul	99
93) Benzo(a)pyrene	24.703	252	2417975	26.878	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.656	276	3486394	30.075	ng/ul	99
95) Dibenzo(a,h)anthracene	28.697	278	2828132	29.462	ng/ul	100
96) Benzo(g,h,i)perylene	29.797	276	1451702	15.377	ng/ul	98

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

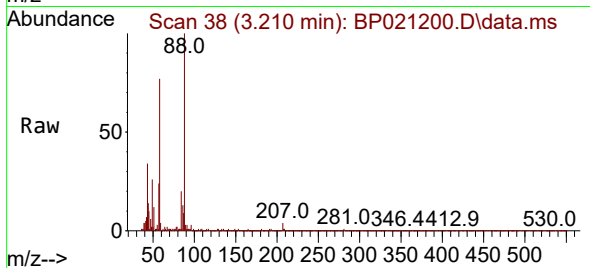
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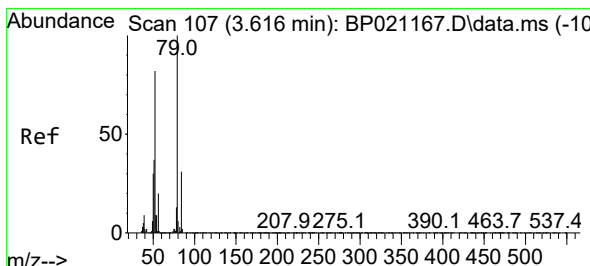
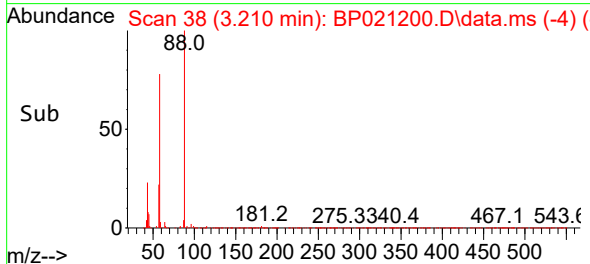
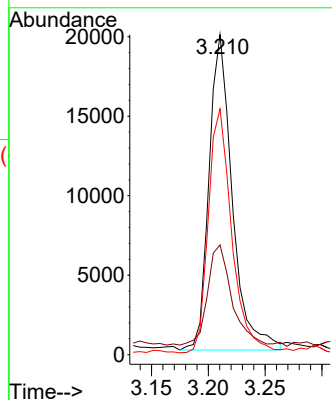


#2
1,4-Dioxane
Concen: 4.561 ng/uL
RT: 3.210 min Scan# 38
Delta R.T. -0.001 min
Lab File: BP021200.D
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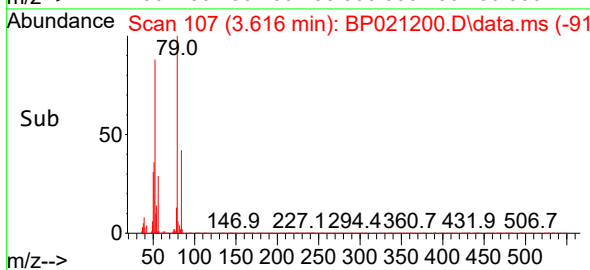
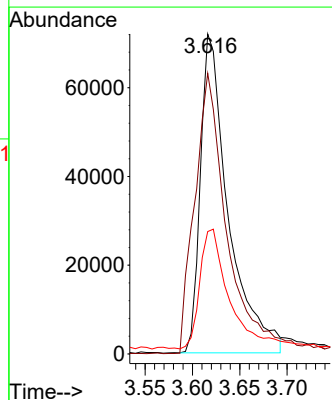
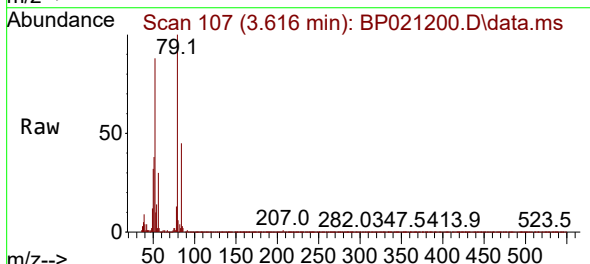


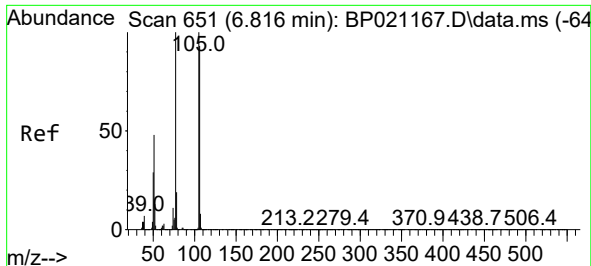
Tgt Ion: 88 Resp: 28251
Ion Ratio Lower Upper
88 100
43 34.3 25.4 38.0
58 76.8 59.2 88.8



#5
Pyridine
Concen: 8.771 ng/uL
RT: 3.616 min Scan# 107
Delta R.T. -0.006 min
Lab File: BP021200.D
Acq: 27 Jul 2024 13:44

Tgt Ion: 79 Resp: 147507
Ion Ratio Lower Upper
79 100
52 87.7 64.9 97.3
51 38.3 30.5 45.7

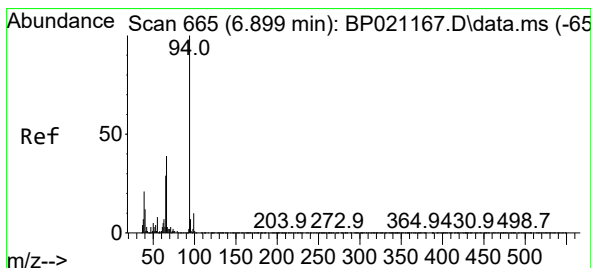
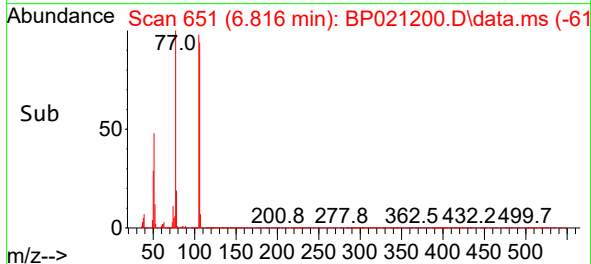
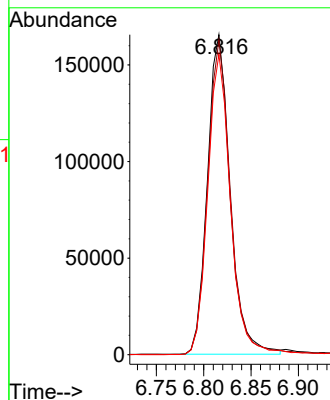
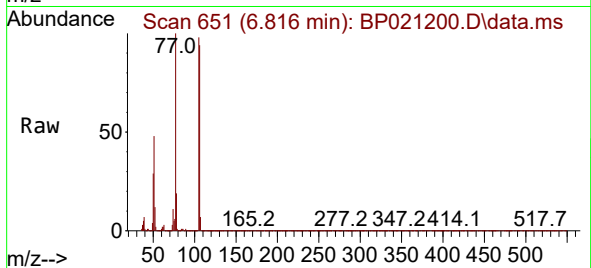




#6
Benzaldehyde
Concen: 26.197 ng/ul
RT: 6.816 min Scan# 61
Delta R.T. -0.001 min
Lab File: BP021200.D
Acq: 27 Jul 2024 13:44

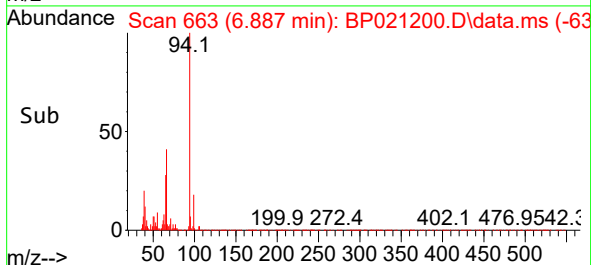
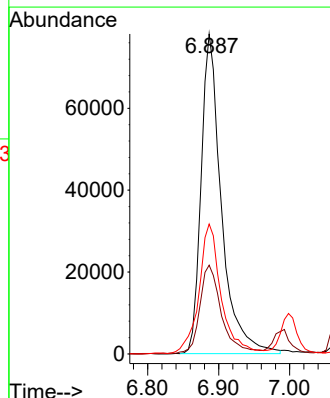
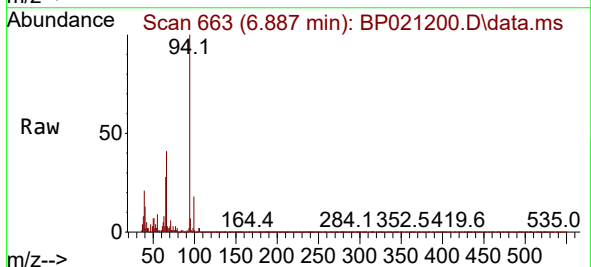
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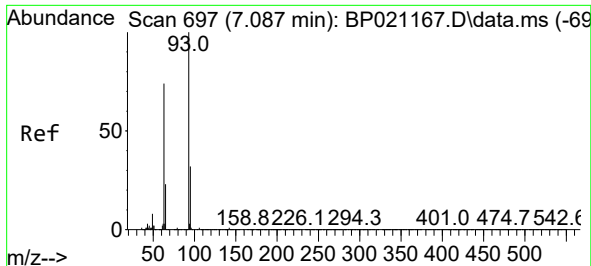
Tgt Ion: 77 Resp: 275964
Ion Ratio Lower Upper
77 100
105 98.3 79.3 118.9
106 93.9 74.6 112.0



#8
Phenol
Concen: 7.341 ng/ul
RT: 6.887 min Scan# 663
Delta R.T. -0.012 min
Lab File: BP021200.D
Acq: 27 Jul 2024 13:44

Tgt Ion: 94 Resp: 155207
Ion Ratio Lower Upper
94 100
65 27.7 23.4 35.0
66 40.6 33.9 50.9

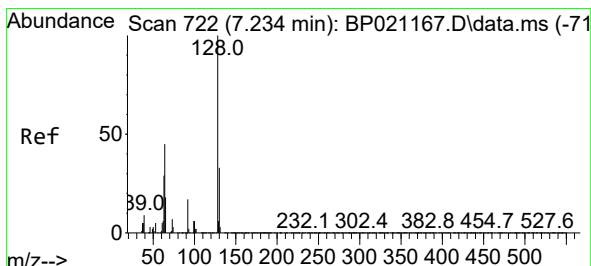
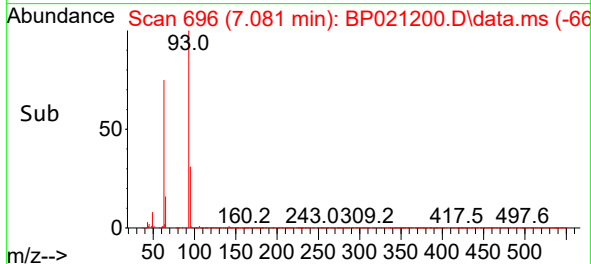
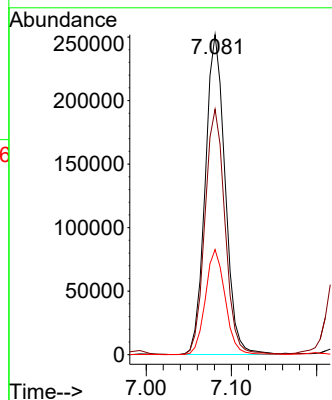
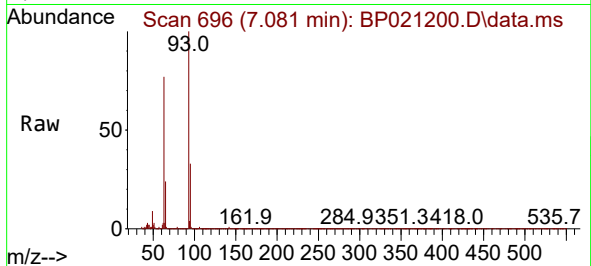




#10
Bis(2-Chloroethyl)ether
Concen: 23.366 ng/ul
RT: 7.081 min Scan# 697
Delta R.T. -0.006 min
Lab File: BP021200.D
Acq: 27 Jul 2024 13:44

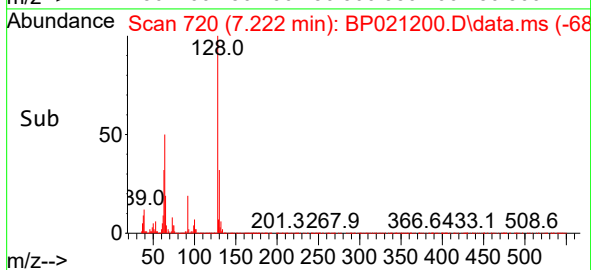
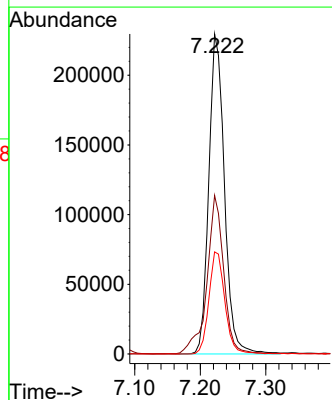
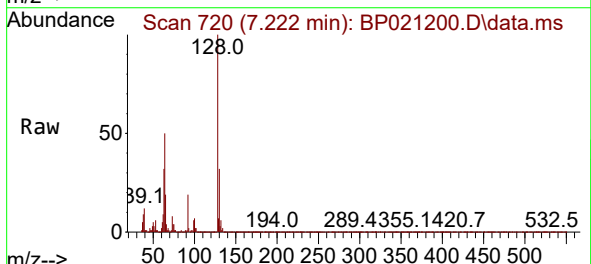
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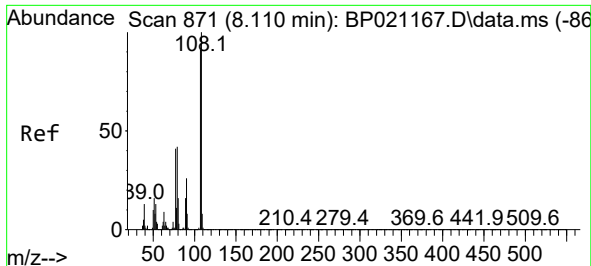
Tgt Ion: 93 Resp: 408128
Ion Ratio Lower Upper
93 100
63 76.7 61.5 92.3
95 32.8 25.1 37.7



#12
2-Chlorophenol
Concen: 22.095 ng/ul
RT: 7.222 min Scan# 720
Delta R.T. -0.012 min
Lab File: BP021200.D
Acq: 27 Jul 2024 13:44

Tgt Ion:128 Resp: 381229
Ion Ratio Lower Upper
128 100
64 49.5 37.9 56.9
130 31.9 25.6 38.4

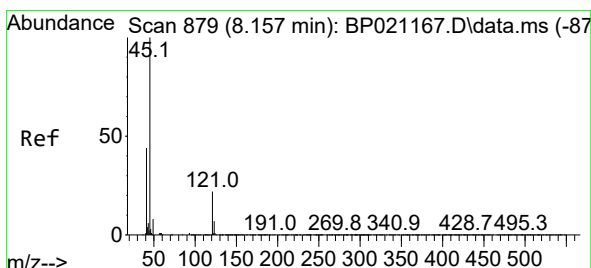
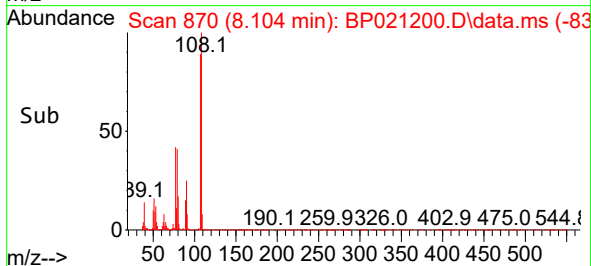
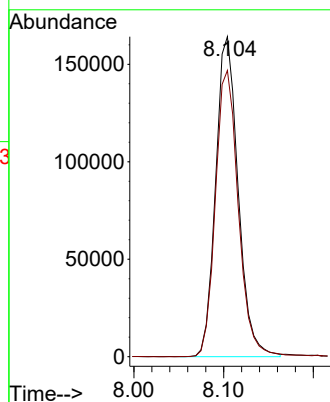
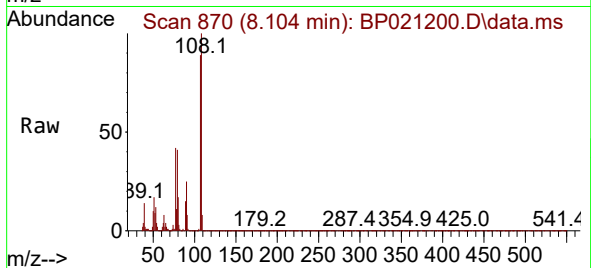




#13
2-Methylphenol
Concen: 17.468 ng/ul
RT: 8.104 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP021200.D
Acq: 27 Jul 2024 13:44

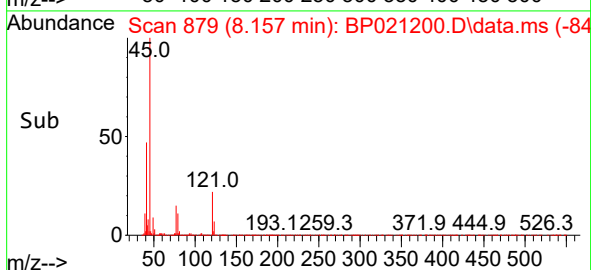
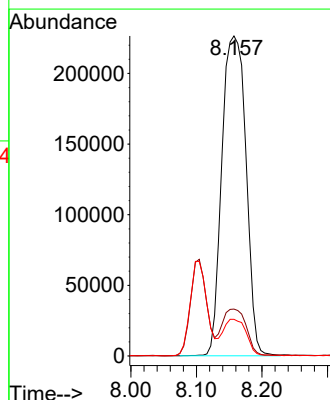
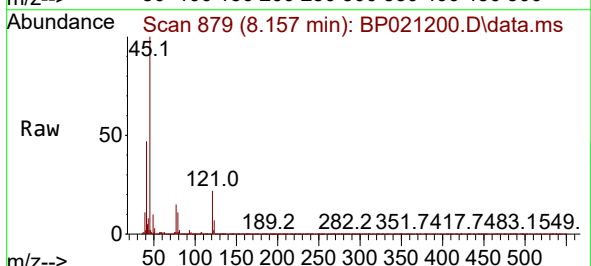
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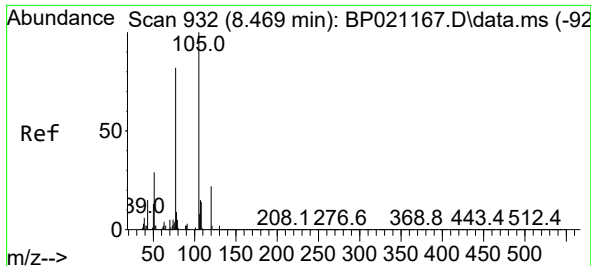
Tgt Ion:108 Resp: 285630
Ion Ratio Lower Upper
108 100
107 89.4 73.8 110.8



#14
2,2'-oxybis(1-Chloropropane)
Concen: 22.916 ng/ul
RT: 8.157 min Scan# 879
Delta R.T. -0.012 min
Lab File: BP021200.D
Acq: 27 Jul 2024 13:44

Tgt Ion: 45 Resp: 578282
Ion Ratio Lower Upper
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77 14.6 10.9 16.3
79 11.5 8.1 12.1

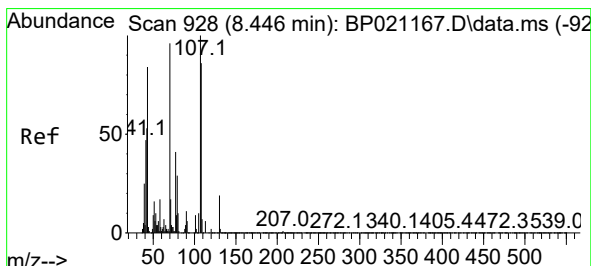
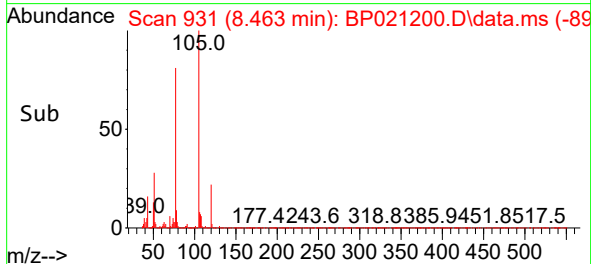
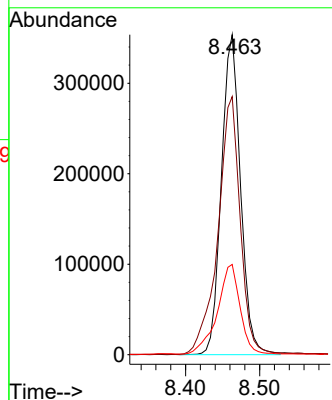
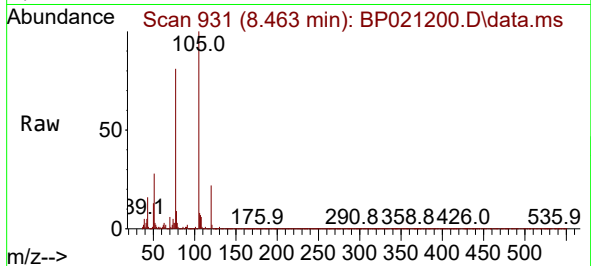




#16
Acetophenone
Concen: 23.623 ng/ul
RT: 8.463 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP021200.D
Acq: 27 Jul 2024 13:44

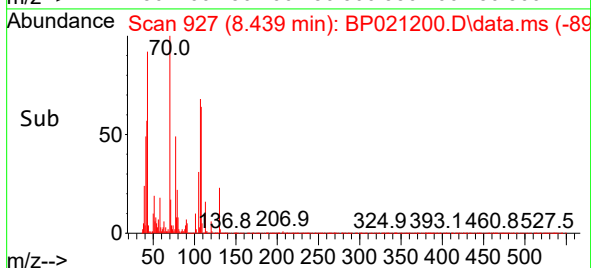
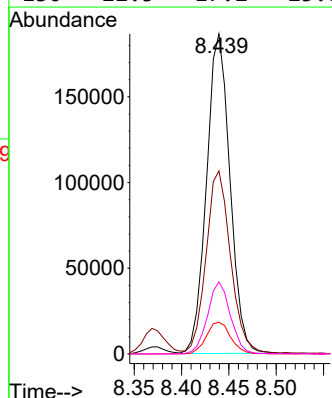
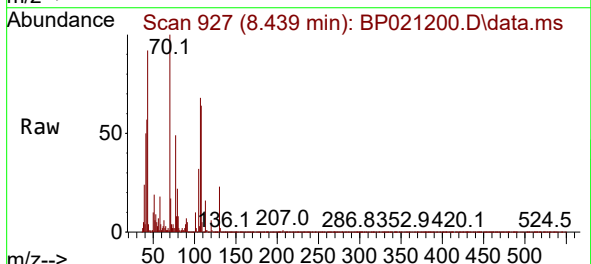
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BNA_P
ClientSampleId :

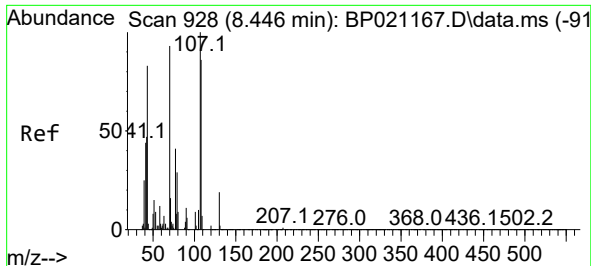
Tgt Ion:105 Resp: 632730
Ion Ratio Lower Upper
105 100
77 80.6 61.8 92.8
51 28.2 21.5 32.3



#17
N-Nitroso-di-n-propylamine
Concen: 22.848 ng/ul
RT: 8.439 min Scan# 927
Delta R.T. -0.006 min
Lab File: BP021200.D
Acq: 27 Jul 2024 13:44

Tgt Ion: 70 Resp: 320653
Ion Ratio Lower Upper
70 100
42 57.2 46.6 69.8
101 9.9 7.4 11.0
130 22.5 17.2 25.8

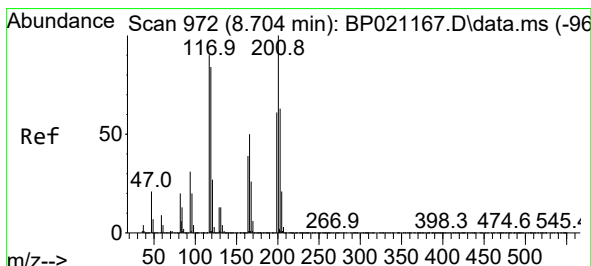
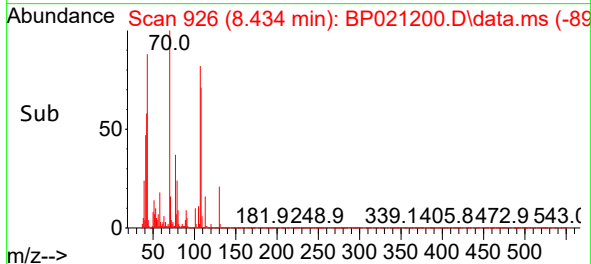
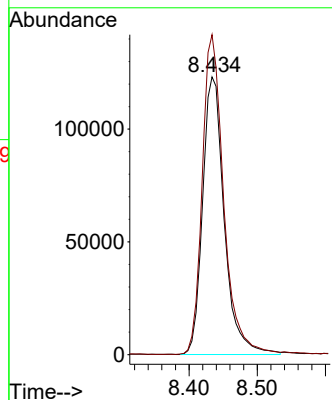
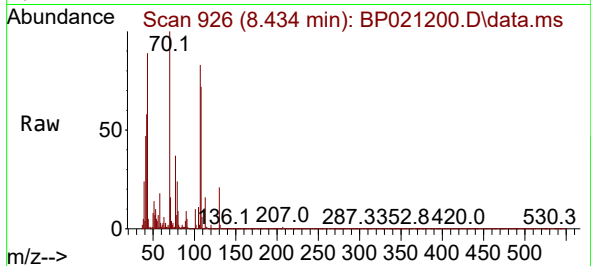




#18
4-Methylphenol
Concen: 15.510 ng/ul
RT: 8.434 min Scan# 911
Delta R.T. -0.012 min
Lab File: BP021200.D
Acq: 27 Jul 2024 13:44

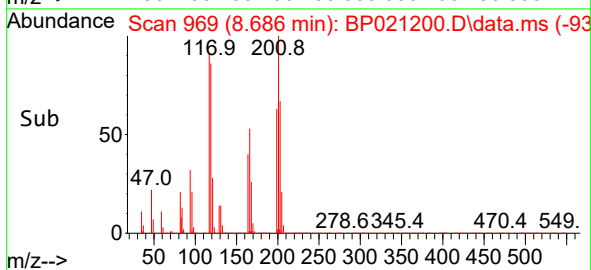
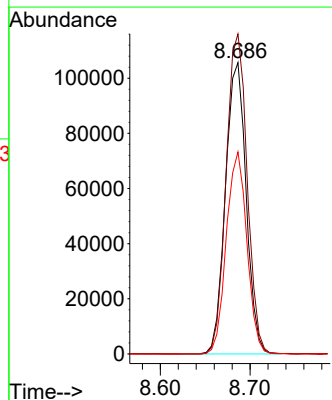
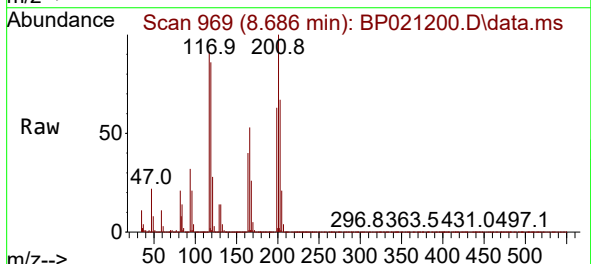
Instrument :
BNA_P
ClientSampleId :

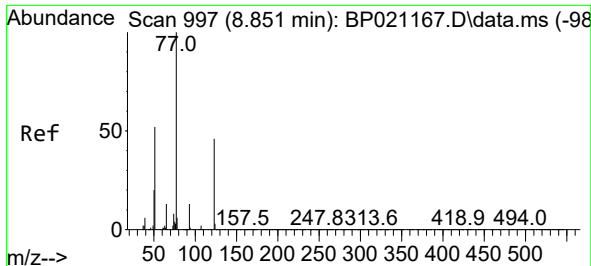
Tgt Ion:108 Resp: 271705
Ion Ratio Lower Upper
108 100
107 115.2 87.8 131.8



#19
Hexachloroethane
Concen: 21.836 ng/ul
RT: 8.686 min Scan# 969
Delta R.T. -0.012 min
Lab File: BP021200.D
Acq: 27 Jul 2024 13:44

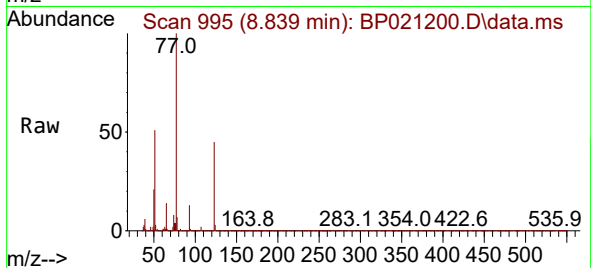
Tgt Ion:117 Resp: 169313
Ion Ratio Lower Upper
117 100
201 109.8 88.2 132.2
199 69.3 55.8 83.6



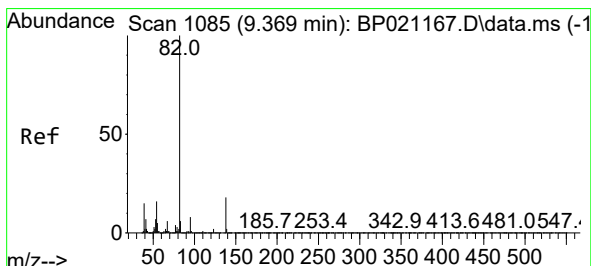
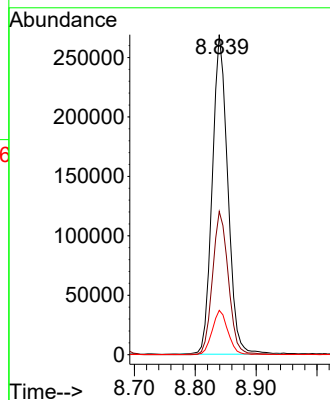
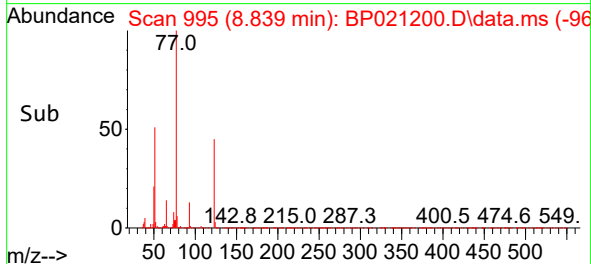


#22
Nitrobenzene
Concen: 25.671 ng/ul
RT: 8.839 min Scan# 995
Delta R.T. -0.012 min
Lab File: BP021200.D
Acq: 27 Jul 2024 13:44

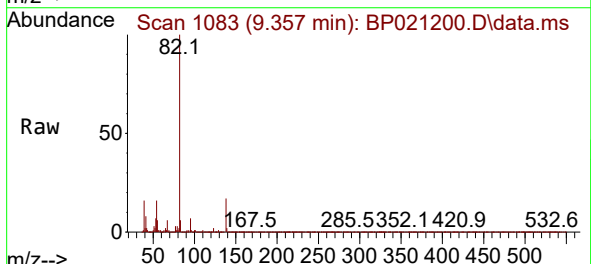
Instrument :
BNA_P
ClientSampleId :



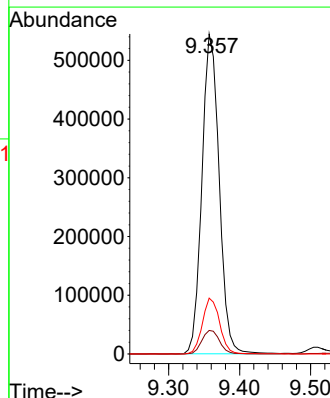
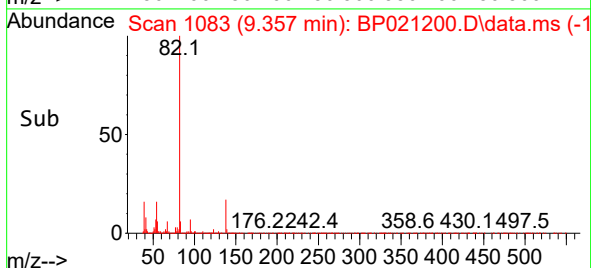
Tgt Ion: 77 Resp: 475922
Ion Ratio Lower Upper
77 100
123 44.7 36.7 55.1
65 13.8 11.1 16.7

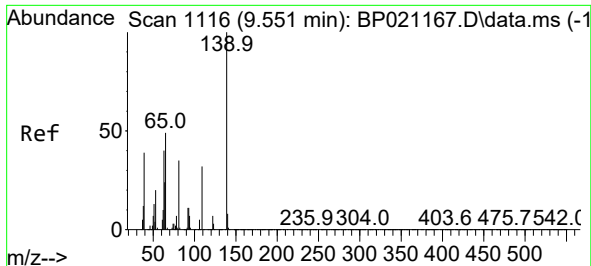


#23
Isophorone
Concen: 24.965 ng/ul
RT: 9.357 min Scan# 1083
Delta R.T. -0.012 min
Lab File: BP021200.D
Acq: 27 Jul 2024 13:44



Tgt Ion: 82 Resp: 920136
Ion Ratio Lower Upper
82 100
95 7.4 6.1 9.1
138 17.4 14.4 21.6

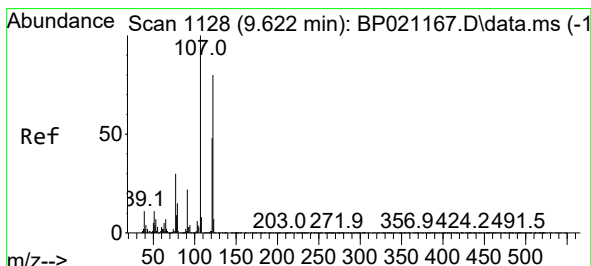
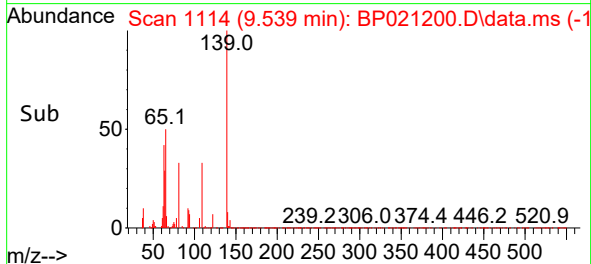
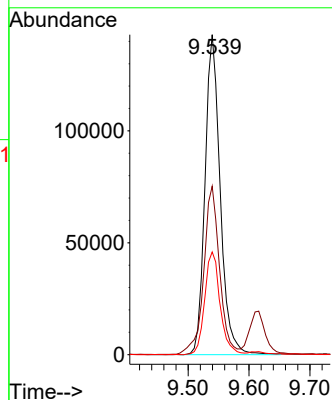
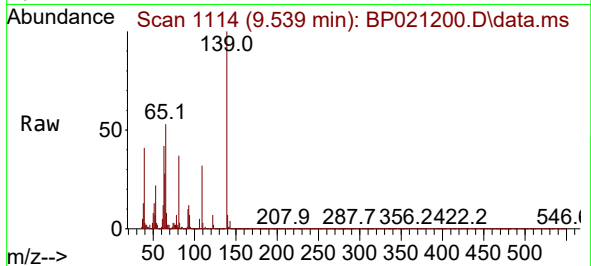




#25
2-Nitrophenol
Concen: 26.824 ng/ul
RT: 9.539 min Scan# 1114
Delta R.T. -0.012 min
Lab File: BP021200.D
Acq: 27 Jul 2024 13:44

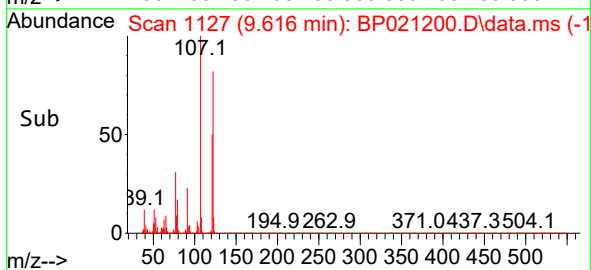
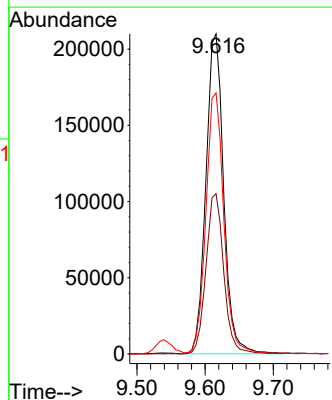
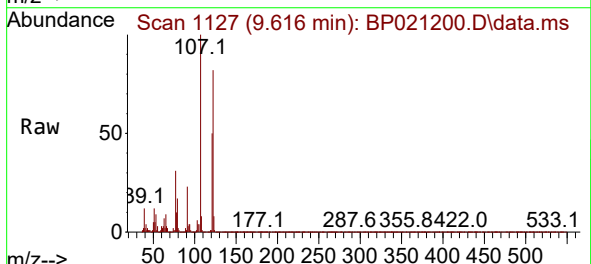
Instrument :
BNA_P
ClientSampleId :

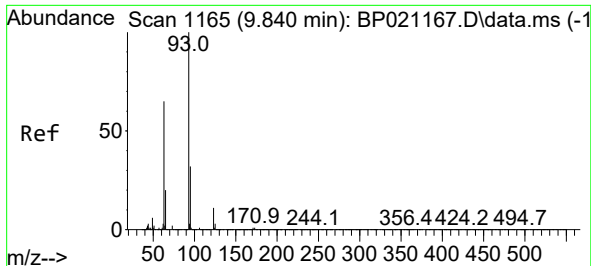
Tgt Ion:139 Resp: 247808
Ion Ratio Lower Upper
139 100
65 52.6 42.9 64.3
109 32.1 26.2 39.4



#26
2,4-Dimethylphenol
Concen: 20.894 ng/ul
RT: 9.616 min Scan# 1127
Delta R.T. -0.006 min
Lab File: BP021200.D
Acq: 27 Jul 2024 13:44

Tgt Ion:107 Resp: 380641
Ion Ratio Lower Upper
107 100
121 50.1 39.6 59.4
122 81.6 66.3 99.5





#27

Bis(2-Chloroethoxy)methane

Concen: 24.481 ng/ul

RT: 9.822 min Scan# 1162

Delta R.T. -0.012 min

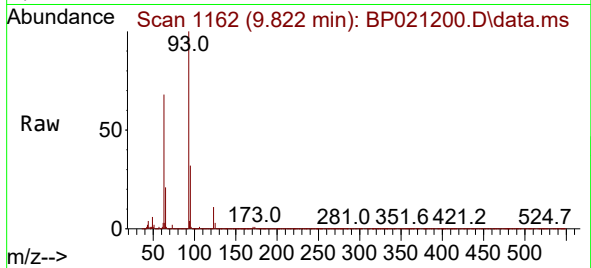
Lab File: BP021200.D

Acq: 27 Jul 2024 13:44

Instrument :

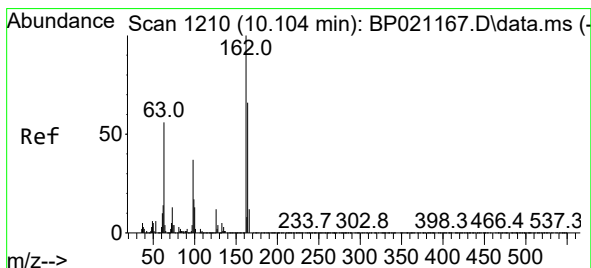
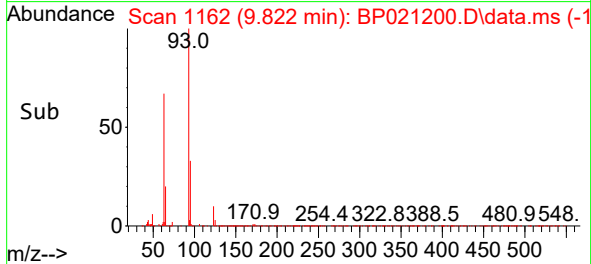
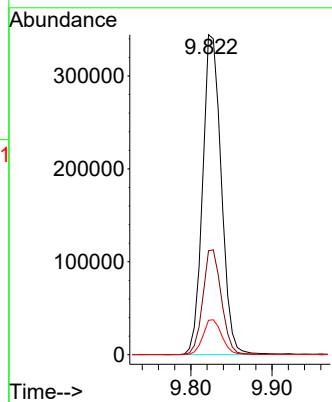
BNA_P

ClientSampleId :



Tgt Ion: 93 Resp: 548458

Ion	Ratio	Lower	Upper
93	100		
95	32.5	25.5	38.3
123	10.7	9.0	13.4



#29

2,4-Dichlorophenol

Concen: 25.792 ng/ul

RT: 10.086 min Scan# 1207

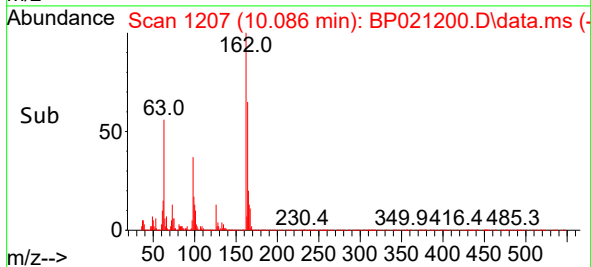
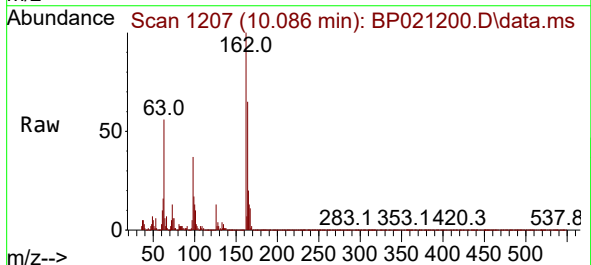
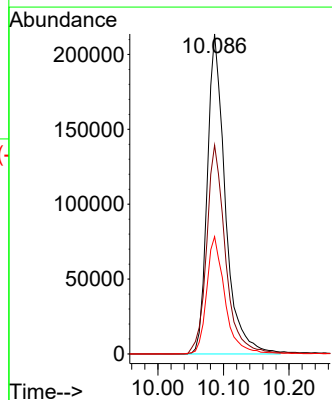
Delta R.T. -0.012 min

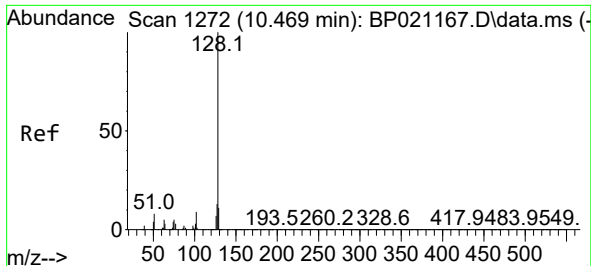
Lab File: BP021200.D

Acq: 27 Jul 2024 13:44

Tgt Ion:162 Resp: 407145

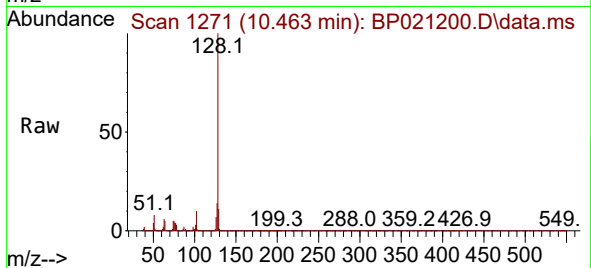
Ion	Ratio	Lower	Upper
162	100		
164	65.2	53.3	79.9
98	36.7	28.7	43.1



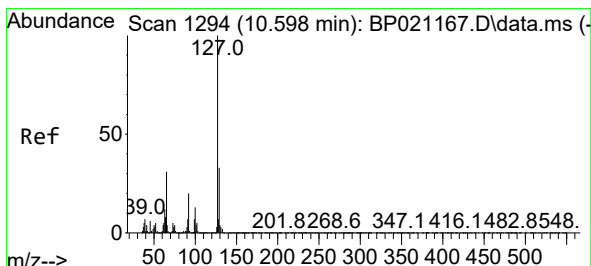
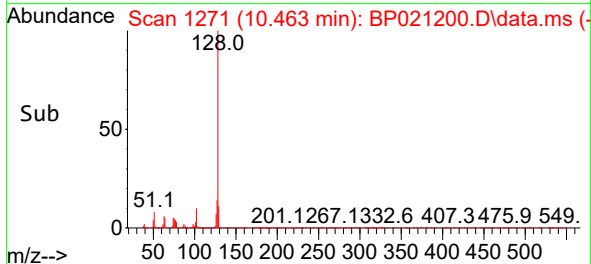
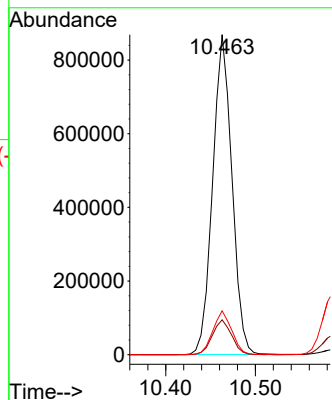


#30
Naphthalene
Concen: 24.729 ng/ul
RT: 10.463 min Scan# 1271
Delta R.T. -0.012 min
Lab File: BP021200.D
Acq: 27 Jul 2024 13:44

Instrument :
BNA_P
ClientSampleId :

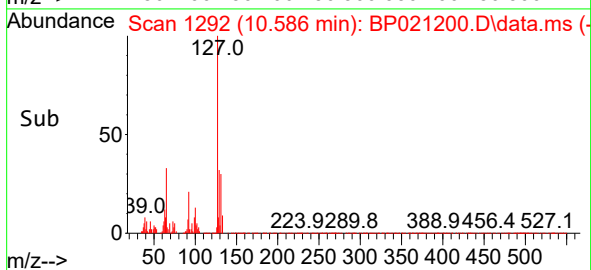
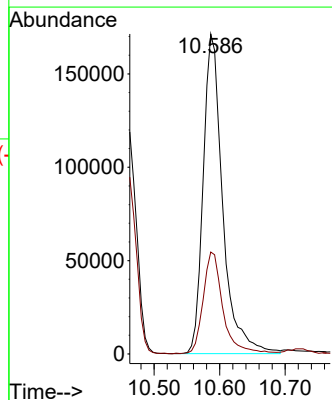
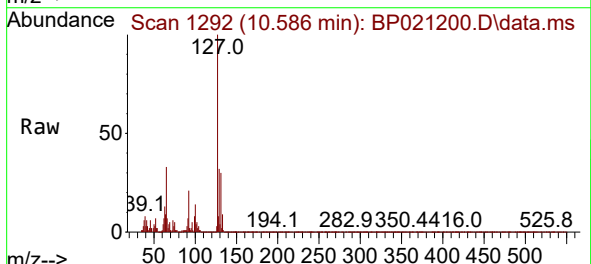


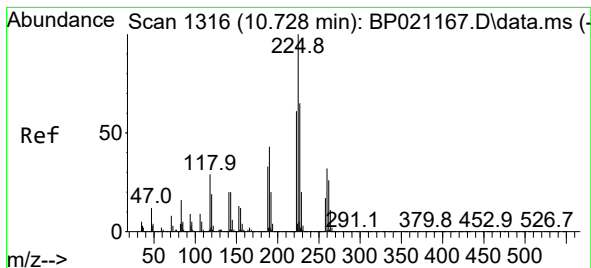
Tgt Ion:128 Resp: 1296091
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.7 10.8 16.2



#32
4-Chloroaniline
Concen: 17.519 ng/ul
RT: 10.586 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BP021200.D
Acq: 27 Jul 2024 13:44

Tgt Ion:127 Resp: 354972
Ion Ratio Lower Upper
127 100
129 31.9 26.1 39.1





#33

Hexachlorobutadiene

Concen: 24.178 ng/ul

RT: 10.722 min Scan# 11

Delta R.T. -0.018 min

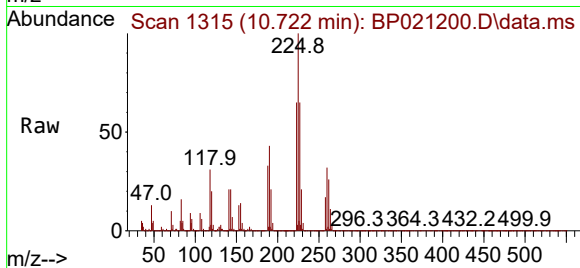
Lab File: BP021200.D

Acq: 27 Jul 2024 13:44

Instrument :

BNA_P

ClientSampleId :



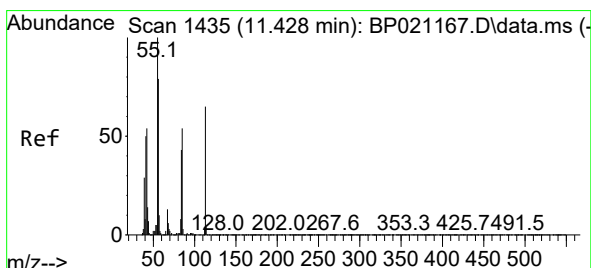
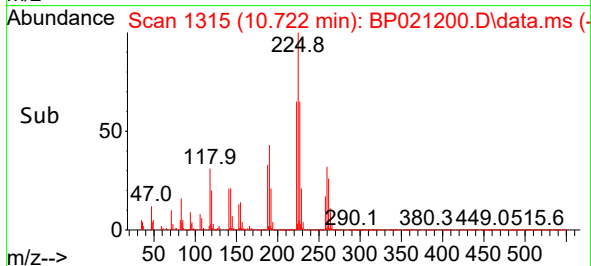
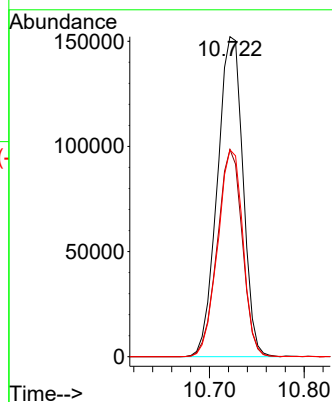
Tgt Ion:225 Resp: 286175

Ion Ratio Lower Upper

225 100

223 64.7 50.2 75.2

227 64.6 50.6 75.8



#34

Caprolactam

Concen: 4.920 ng/ul

RT: 11.422 min Scan# 1434

Delta R.T. -0.024 min

Lab File: BP021200.D

Acq: 27 Jul 2024 13:44

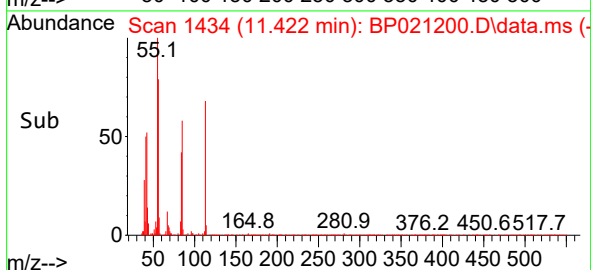
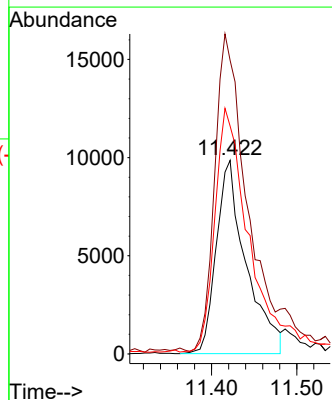
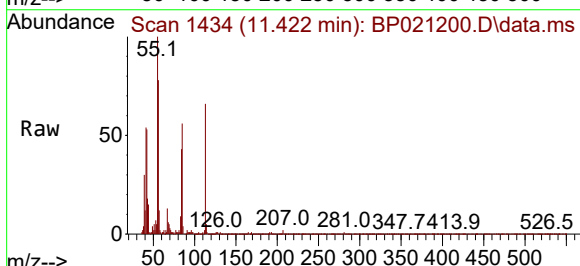
Tgt Ion:113 Resp: 23924

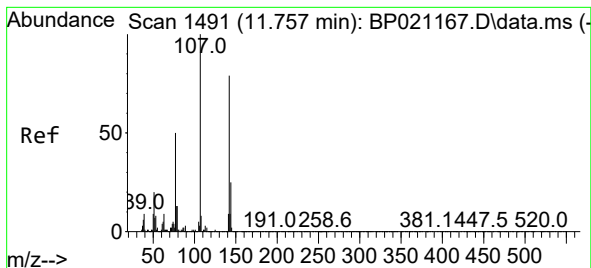
Ion Ratio Lower Upper

113 100

55 151.6 140.2 210.4

56 117.7 105.5 158.3

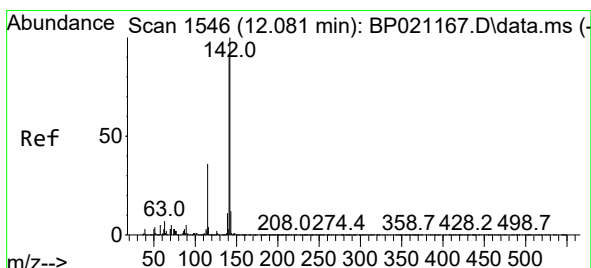
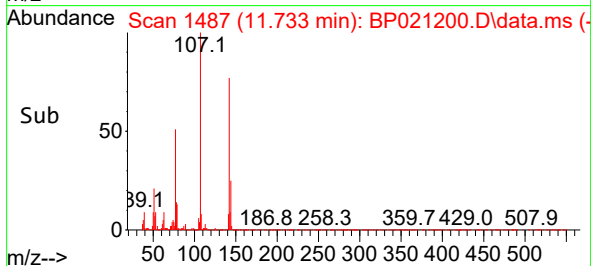
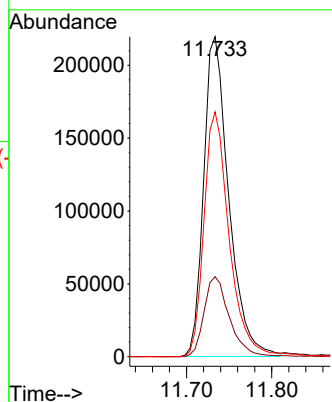
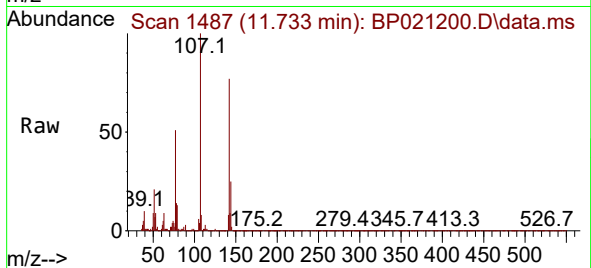




#35
4-Chloro-3-methylphenol
Concen: 26.213 ng/ul
RT: 11.733 min Scan# 1491
Delta R.T. -0.024 min
Lab File: BP021200.D
Acq: 27 Jul 2024 13:44

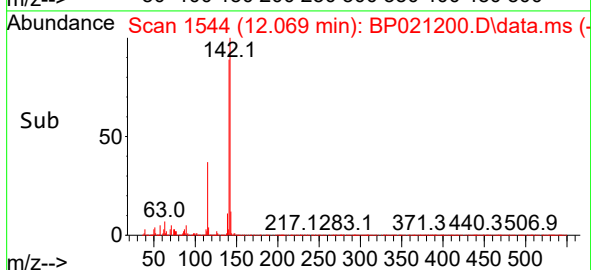
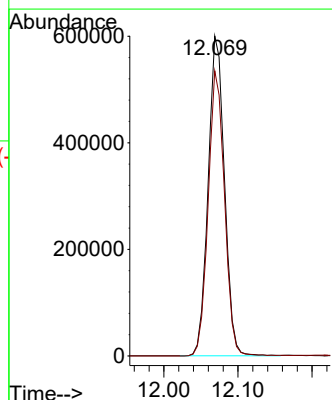
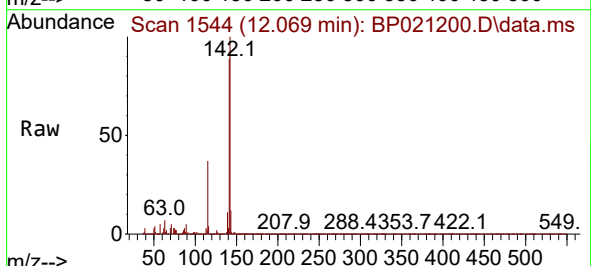
Instrument :
BNA_P
ClientSampleId :

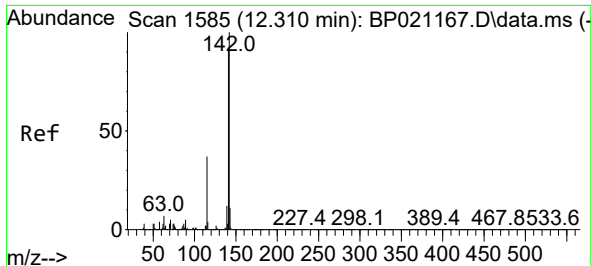
Tgt Ion:107 Resp: 449788
Ion Ratio Lower Upper
107 100
144 25.0 19.3 28.9
142 76.5 60.7 91.1



#36
2-Methylnaphthalene
Concen: 25.549 ng/ul
RT: 12.069 min Scan# 1544
Delta R.T. -0.018 min
Lab File: BP021200.D
Acq: 27 Jul 2024 13:44

Tgt Ion:142 Resp: 919180
Ion Ratio Lower Upper
142 100
141 89.1 72.6 108.8

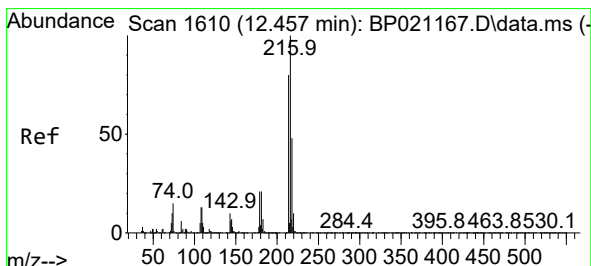
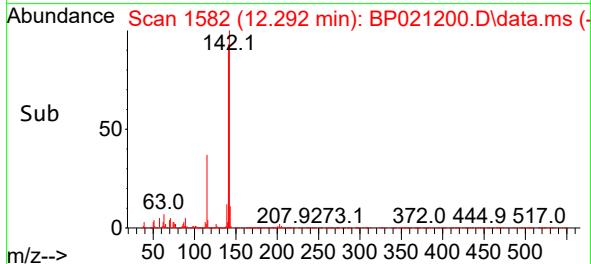
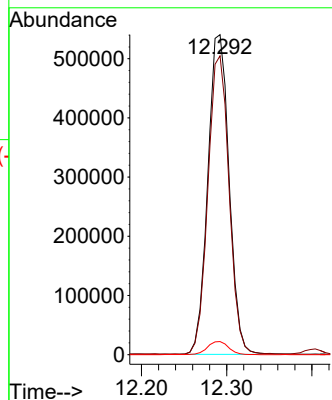
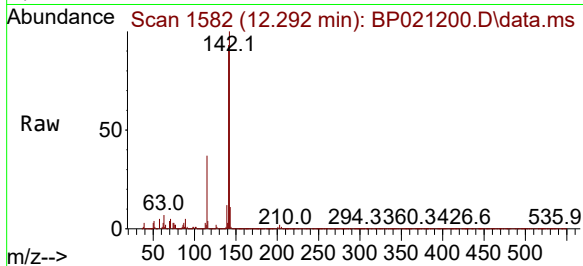




#37
1-Methylnaphthalene
Concen: 25.347 ng/ul
RT: 12.292 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP021200.D
Acq: 27 Jul 2024 13:44

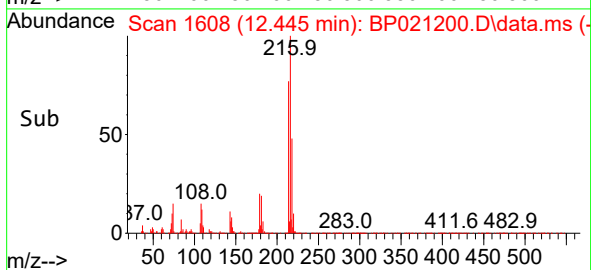
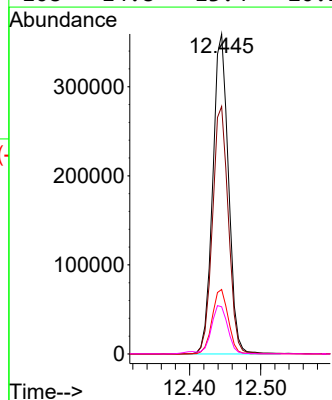
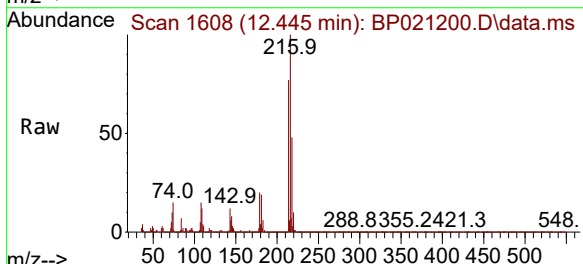
Instrument :
BNA_P
ClientSampleId :

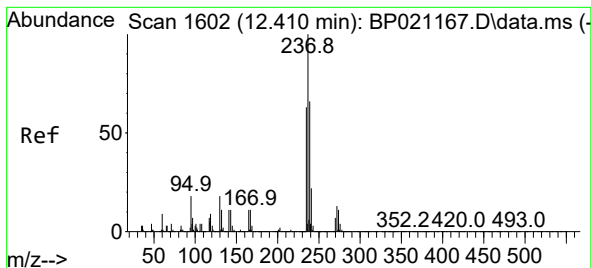
Tgt Ion:142 Resp: 937895
Ion Ratio Lower Upper
142 100
141 93.4 75.0 112.6
116 4.1 3.2 4.8



#39
1,2,4,5-Tetrachlorobenzene
Concen: 26.645 ng/ul
RT: 12.445 min Scan# 1608
Delta R.T. -0.012 min
Lab File: BP021200.D
Acq: 27 Jul 2024 13:44

Tgt Ion:216 Resp: 550897
Ion Ratio Lower Upper
216 100
214 77.4 64.2 96.4
179 20.2 16.6 24.8
108 14.8 13.4 20.2





#40

Hexachlorocyclopentadiene

Concen: 11.755 ng/ul

RT: 12.404 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP021200.D

Acq: 27 Jul 2024 13:44

Instrument :

BNA_P

ClientSampleId :

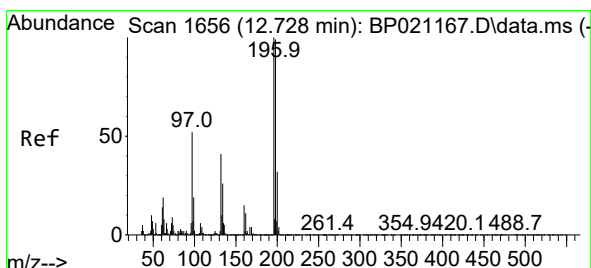
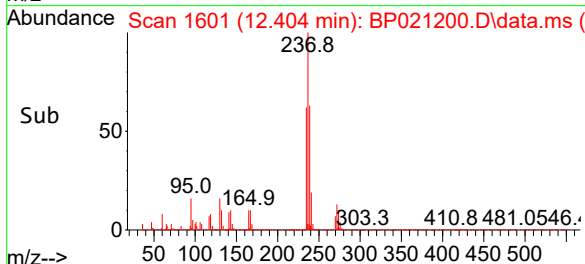
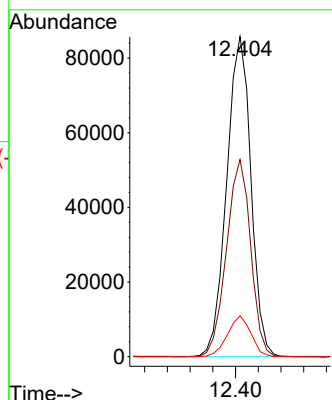
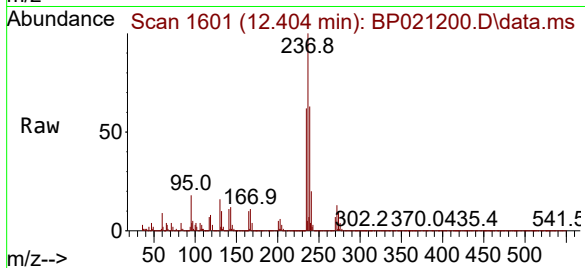
Tgt Ion:237 Resp: 127140

Ion Ratio Lower Upper

237 100

235 61.6 49.7 74.5

272 12.8 10.2 15.2



#41

2,4,6-Trichlorophenol

Concen: 27.998 ng/ul

RT: 12.710 min Scan# 1653

Delta R.T. -0.006 min

Lab File: BP021200.D

Acq: 27 Jul 2024 13:44

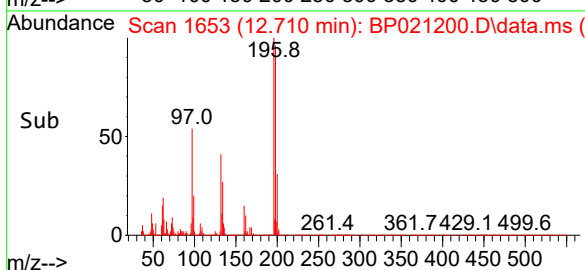
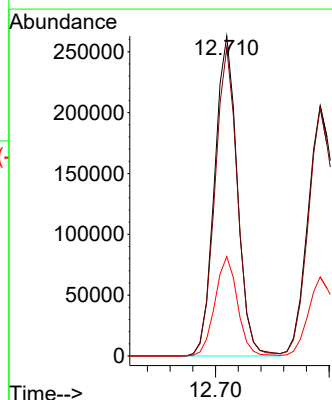
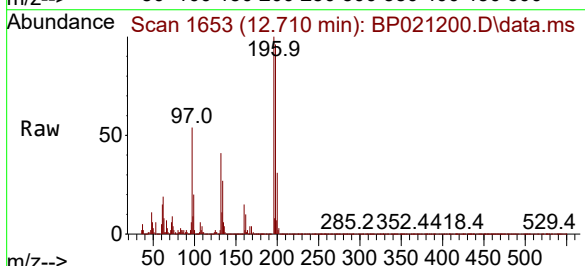
Tgt Ion:196 Resp: 365780

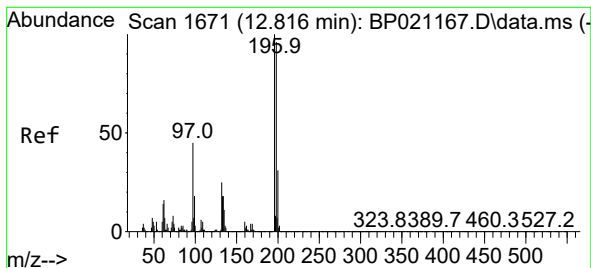
Ion Ratio Lower Upper

196 100

198 96.4 76.6 115.0

200 31.1 26.0 39.0





#42

2,4,5-Trichlorophenol

Concen: 29.156 ng/ul

RT: 12.792 min Scan# 1

Delta R.T. -0.018 min

Lab File: BP021200.D

Acq: 27 Jul 2024 13:44

Instrument :

BNA_P

ClientSampleId :

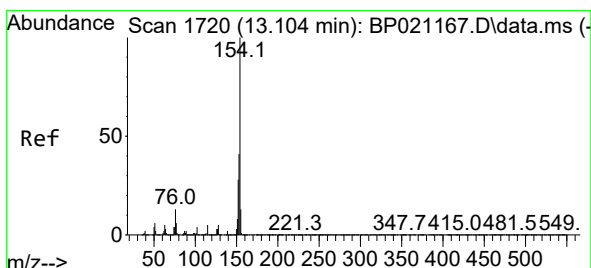
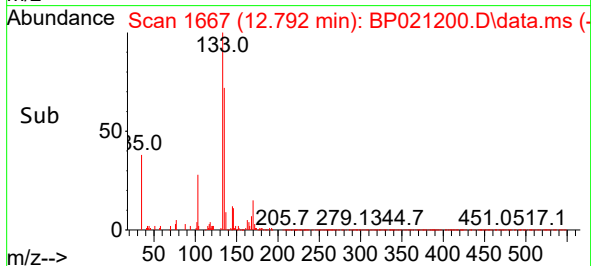
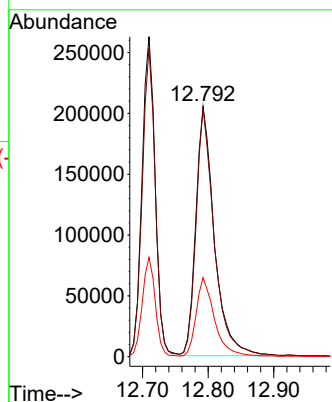
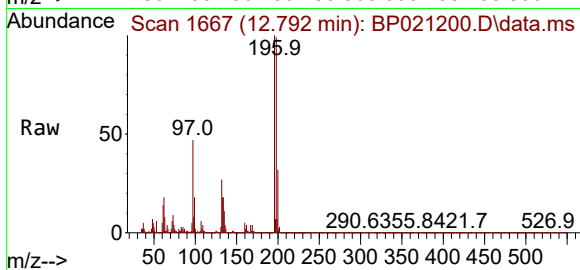
Tgt Ion:196 Resp: 403005

Ion Ratio Lower Upper

196 100

198 99.2 77.1 115.7

200 31.5 25.3 37.9



#43

1,1'-Biphenyl

Concen: 26.690 ng/ul

RT: 13.098 min Scan# 1719

Delta R.T. -0.006 min

Lab File: BP021200.D

Acq: 27 Jul 2024 13:44

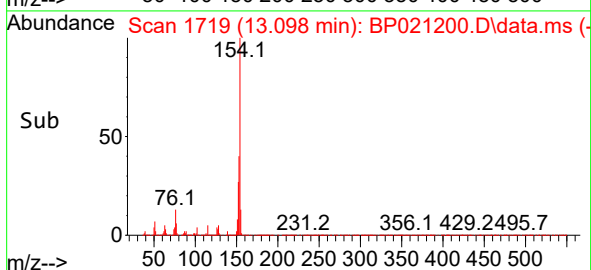
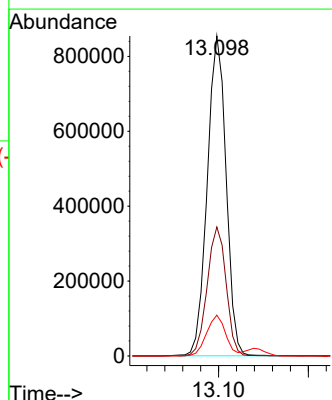
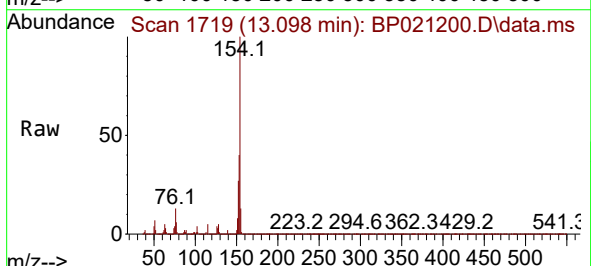
Tgt Ion:154 Resp: 1241804

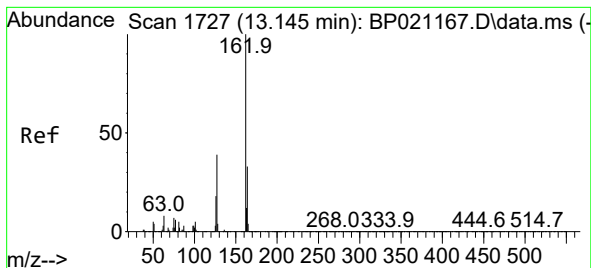
Ion Ratio Lower Upper

154 100

153 40.3 32.7 49.1

76 12.7 9.4 14.2





#44

2-Chloronaphthalene

Concen: 26.546 ng/ul

RT: 13.139 min Scan# 1726

Delta R.T. -0.012 min

Lab File: BP021200.D

Acq: 27 Jul 2024 13:44

Instrument :

BNA_P

ClientSampleId :

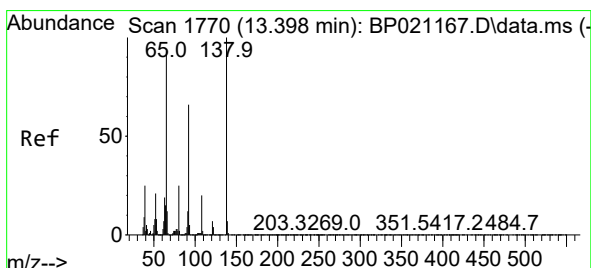
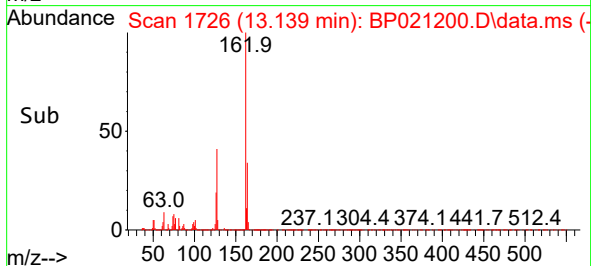
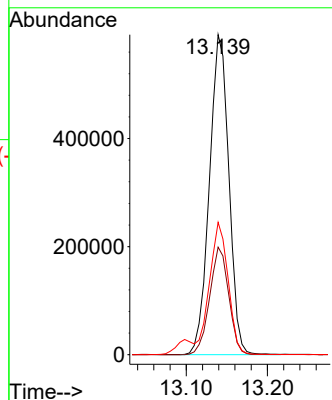
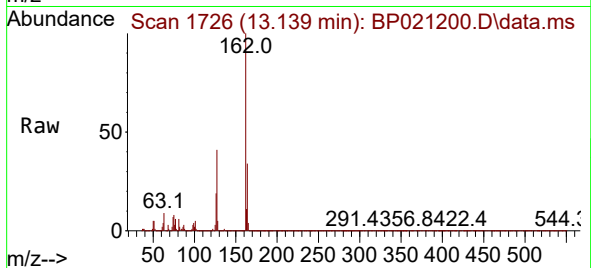
Tgt Ion:162 Resp: 986010

Ion Ratio Lower Upper

162 100

164 33.6 26.3 39.5

127 41.3 31.8 47.8



#45

2-Nitroaniline

Concen: 32.354 ng/ul

RT: 13.386 min Scan# 1768

Delta R.T. -0.006 min

Lab File: BP021200.D

Acq: 27 Jul 2024 13:44

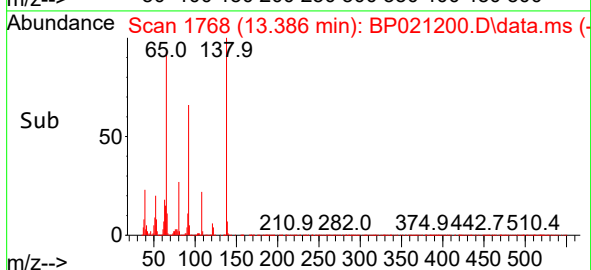
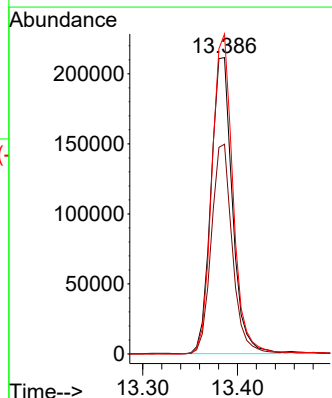
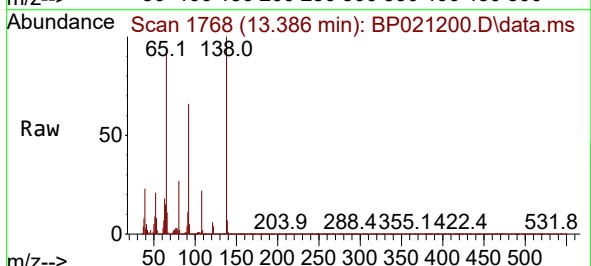
Tgt Ion: 65 Resp: 332322

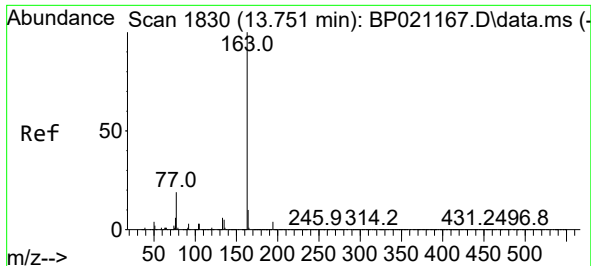
Ion Ratio Lower Upper

65 100

92 70.8 56.7 85.1

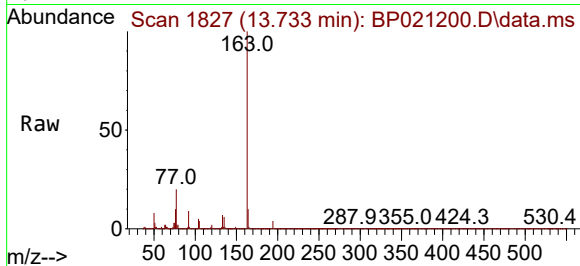
138 108.0 85.6 128.4



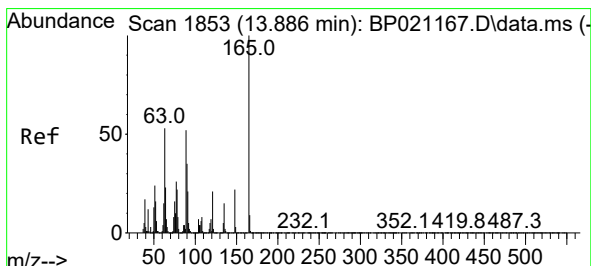
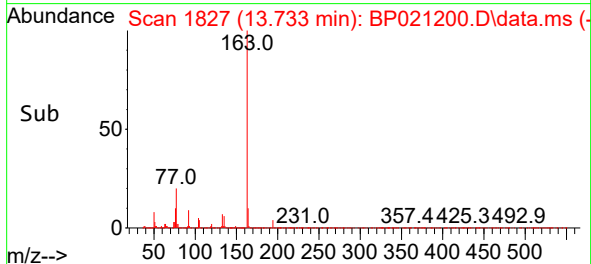
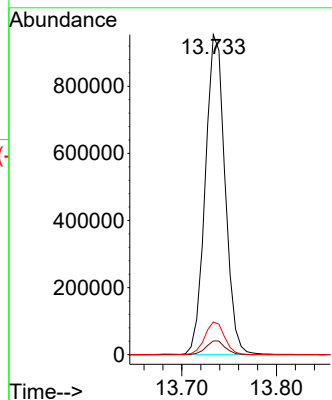


#47
Dimethylphthalate
Concen: 29.318 ng/ul
RT: 13.733 min Scan# 1827
Delta R.T. -0.012 min
Lab File: BP021200.D
Acq: 27 Jul 2024 13:44

Instrument :
BNA_P
ClientSampleId :

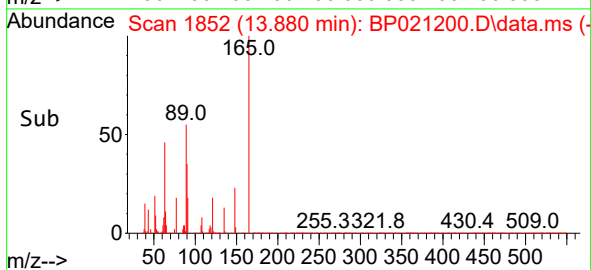
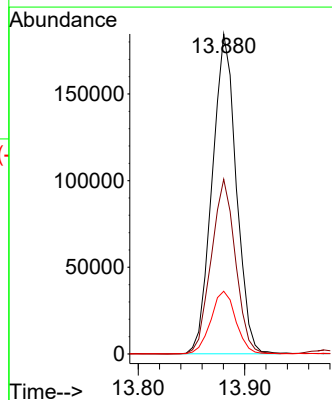
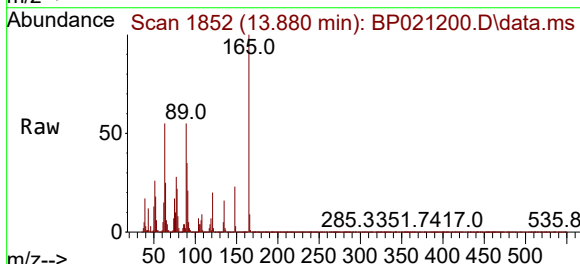


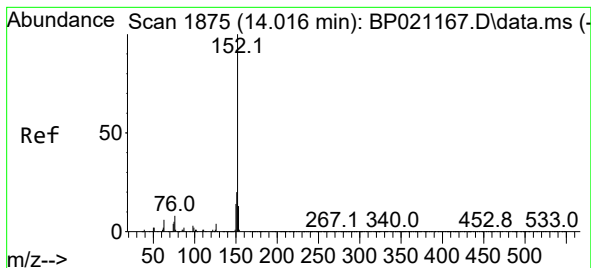
Tgt Ion:163 Resp: 1376751
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.2 8.1 12.1



#48
2,6-Dinitrotoluene
Concen: 30.781 ng/ul
RT: 13.880 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BP021200.D
Acq: 27 Jul 2024 13:44

Tgt Ion:165 Resp: 288988
Ion Ratio Lower Upper
165 100
89 54.6 44.7 67.1
121 19.6 16.5 24.7





#50

Acenaphthylene

Concen: 27.012 ng/ul

RT: 14.004 min Scan# 11

Delta R.T. -0.012 min

Lab File: BP021200.D

Acq: 27 Jul 2024 13:44

Instrument :

BNA_P

ClientSampleId :

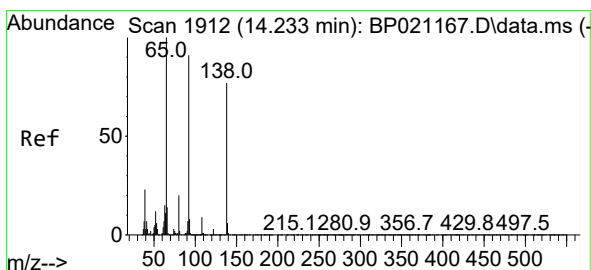
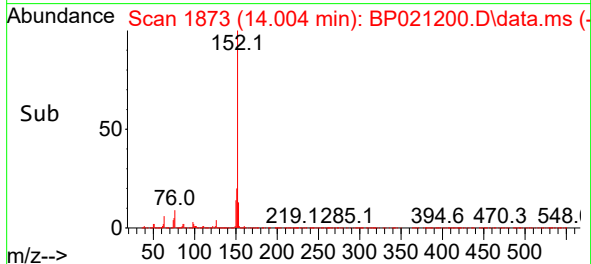
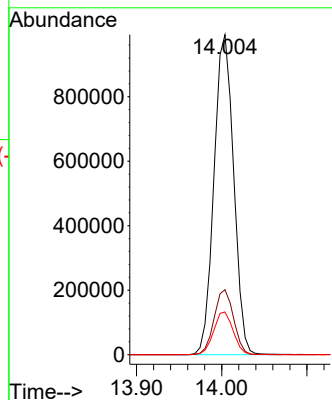
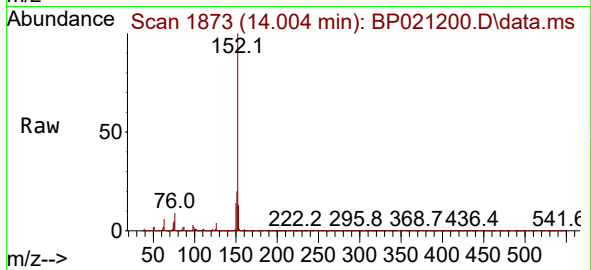
Tgt Ion:152 Resp: 1589285

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.2

153 13.4 10.3 15.5



#51

3-Nitroaniline

Concen: 33.290 ng/ul

RT: 14.227 min Scan# 1911

Delta R.T. -0.012 min

Lab File: BP021200.D

Acq: 27 Jul 2024 13:44

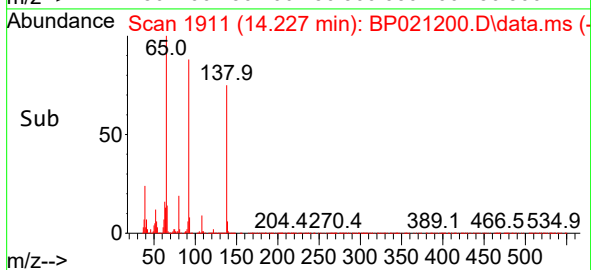
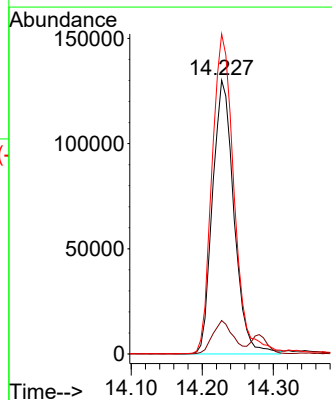
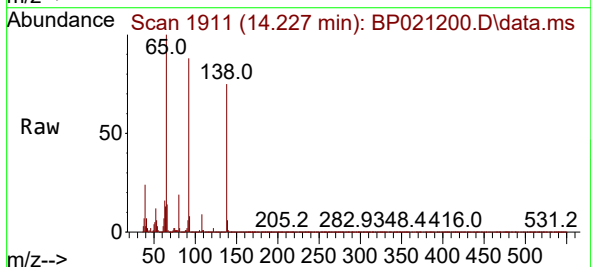
Tgt Ion:138 Resp: 271974

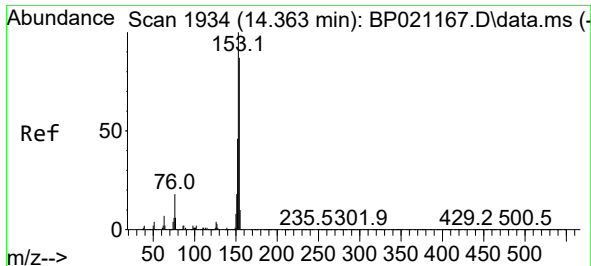
Ion Ratio Lower Upper

138 100

108 12.2 9.8 14.8

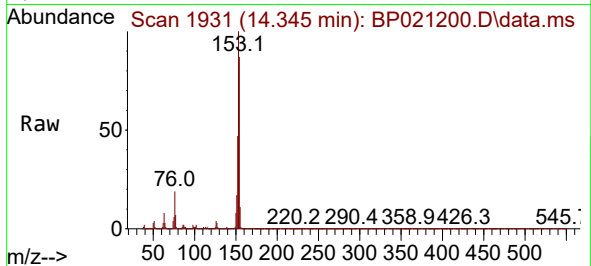
92 116.9 98.0 147.0



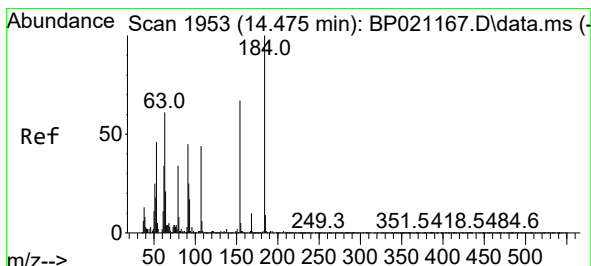
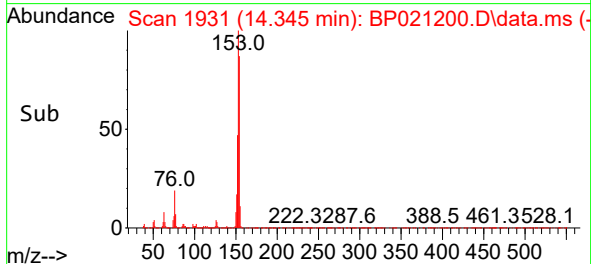
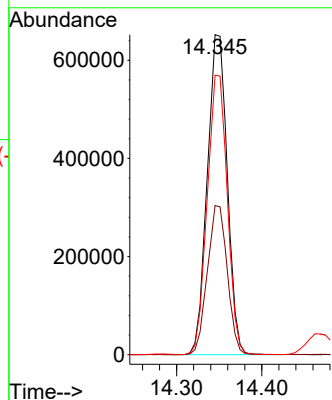


#52
Acenaphthene
Concen: 27.263 ng/ul
RT: 14.345 min Scan# 1931
Delta R.T. -0.012 min
Lab File: BP021200.D
Acq: 27 Jul 2024 13:44

Instrument :
BNA_P
ClientSampleId :

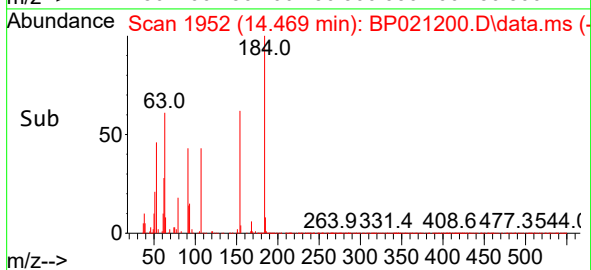
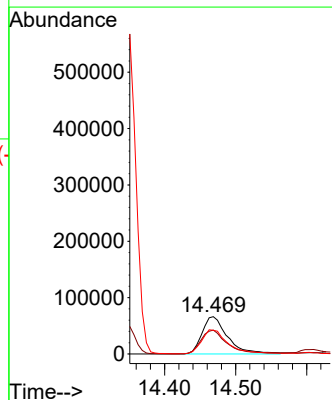
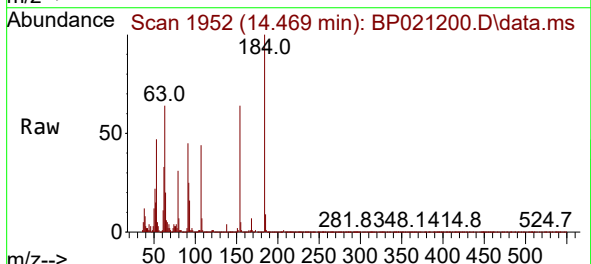


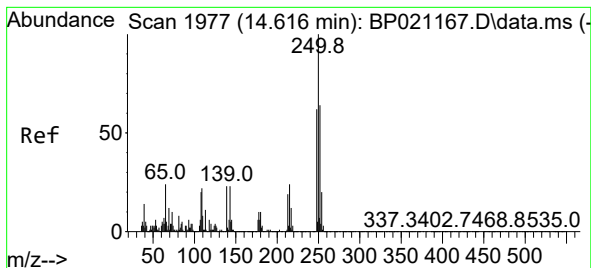
Tgt Ion:153 Resp: 1064672
Ion Ratio Lower Upper
153 100
152 46.6 37.8 56.6
154 87.4 71.8 107.6



#53
2,4-Dinitrophenol
Concen: 33.539 ng/ul
RT: 14.469 min Scan# 1952
Delta R.T. -0.001 min
Lab File: BP021200.D
Acq: 27 Jul 2024 13:44

Tgt Ion:184 Resp: 165358
Ion Ratio Lower Upper
184 100
63 63.8 50.3 75.5
154 63.7 53.0 79.6

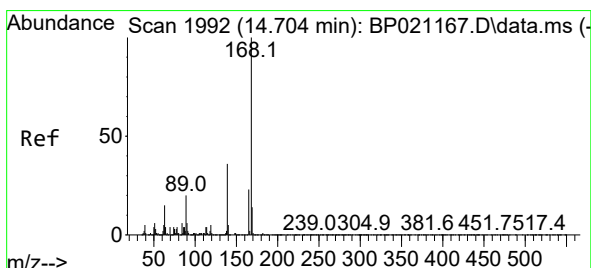
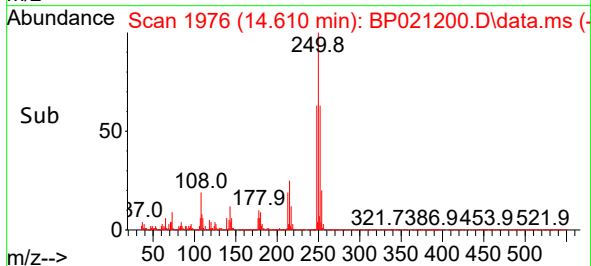
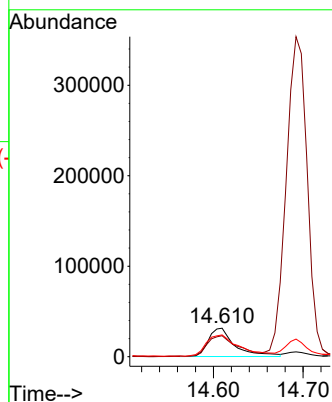
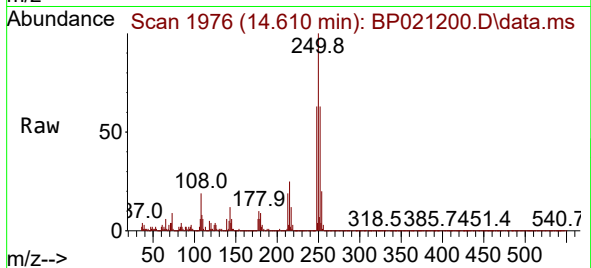




#55
4-Nitrophenol
Concen: 12.093 ng/ul
RT: 14.610 min Scan# 1977
Delta R.T. -0.001 min
Lab File: BP021200.D
Acq: 27 Jul 2024 13:44

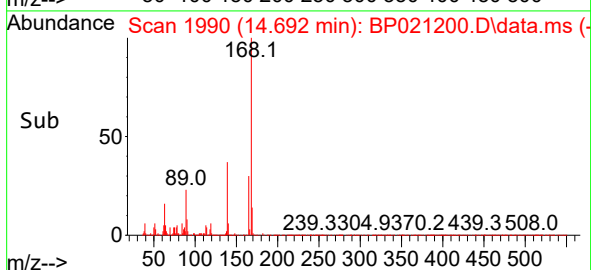
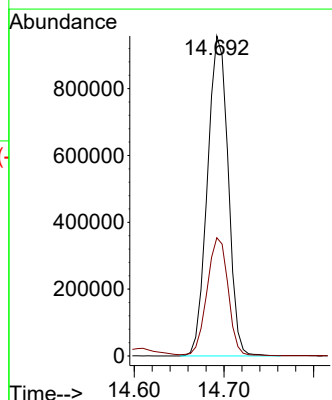
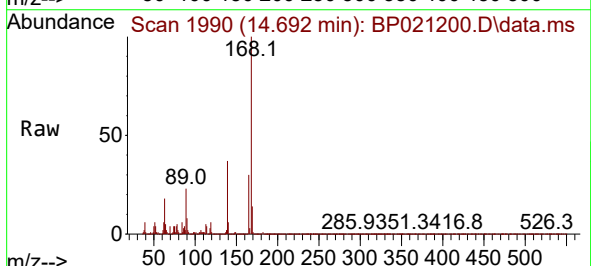
Instrument :
BNA_P
ClientSampleId :

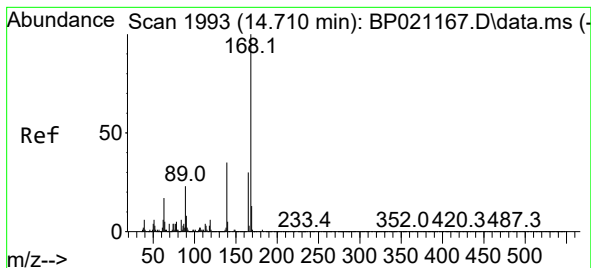
Tgt Ion:109 Resp: 64771
Ion Ratio Lower Upper
109 100
139 73.8 98.0 147.0#
65 76.3 106.0 159.0#



#56
Dibenzofuran
Concen: 28.634 ng/ul
RT: 14.692 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BP021200.D
Acq: 27 Jul 2024 13:44

Tgt Ion:168 Resp: 1531259
Ion Ratio Lower Upper
168 100
139 36.9 31.1 46.7





#57

2,4-Dinitrotoluene

Concen: 32.750 ng/ul

RT: 14.692 min Scan# 1990

Delta R.T. -0.001 min

Lab File: BP021200.D

Acq: 27 Jul 2024 13:44

Instrument :

BNA_P

ClientSampleId :

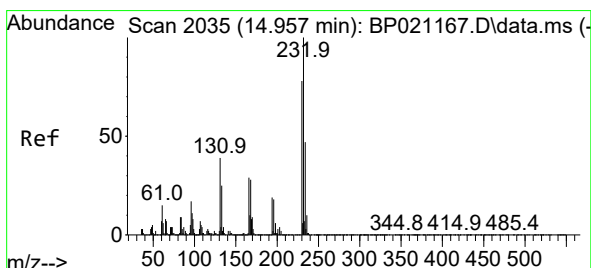
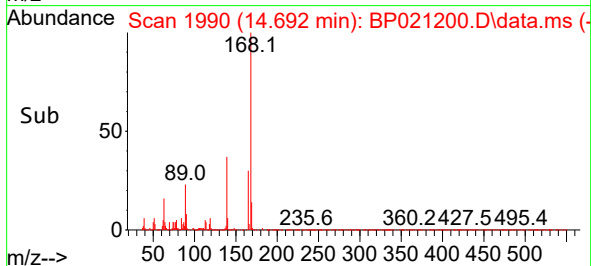
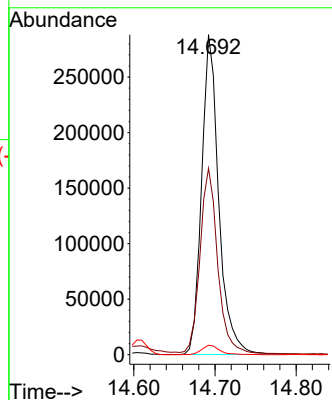
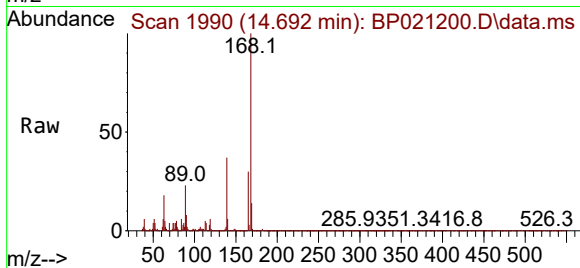
Tgt Ion:165 Resp: 422078

Ion Ratio Lower Upper

165 100

63 58.2 41.0 61.4

182 3.0 2.2 3.4



#58

2,3,4,6-Tetrachlorophenol

Concen: 28.716 ng/ul

RT: 14.939 min Scan# 2032

Delta R.T. -0.018 min

Lab File: BP021200.D

Acq: 27 Jul 2024 13:44

Tgt Ion:232 Resp: 339892

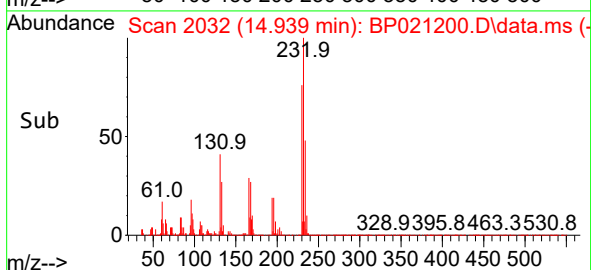
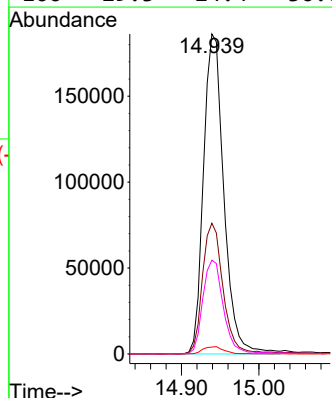
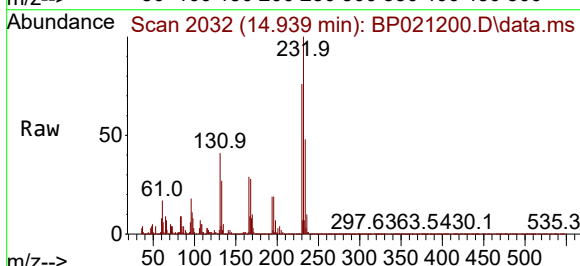
Ion Ratio Lower Upper

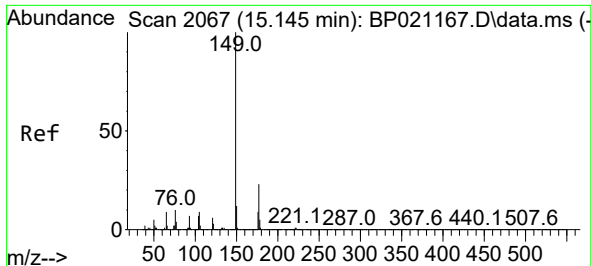
232 100

131 40.9 34.4 51.6

130 2.1 2.0 3.0

166 29.3 24.4 36.6

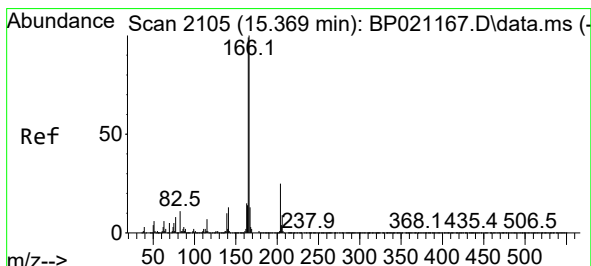
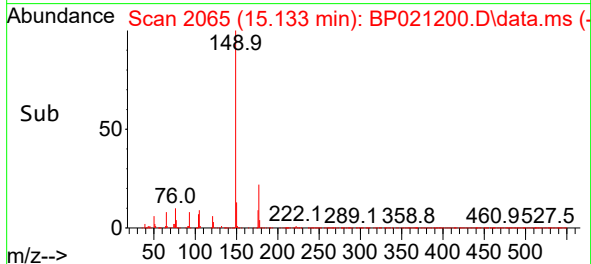
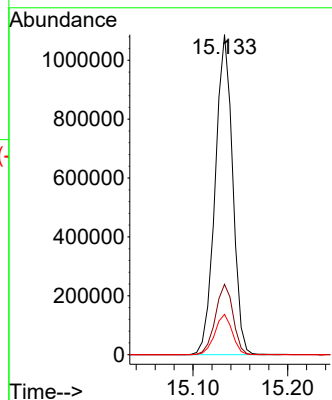
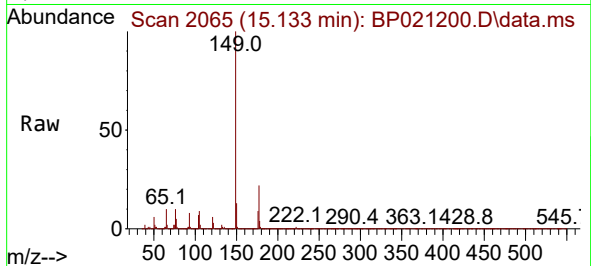




#59
Diethylphthalate
Concen: 29.728 ng/ul
RT: 15.133 min Scan# 2065
Delta R.T. -0.001 min
Lab File: BP021200.D
Acq: 27 Jul 2024 13:44

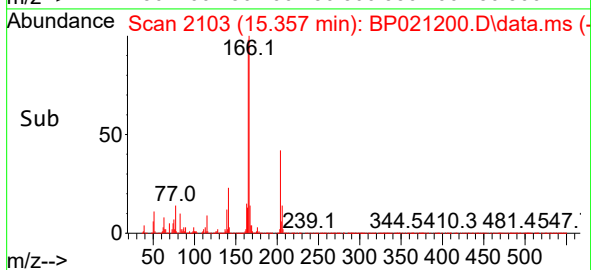
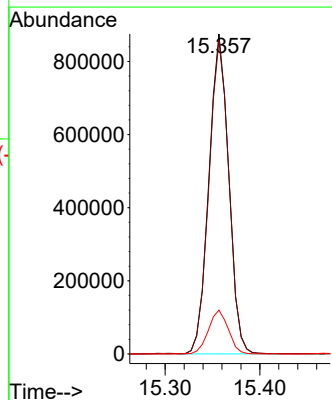
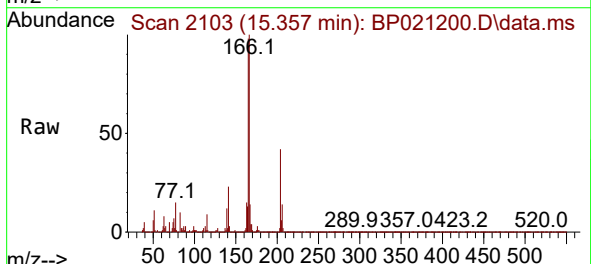
Instrument :
BNA_P
ClientSampleId :

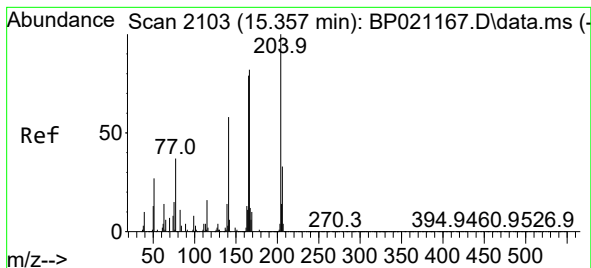
Tgt Ion:149 Resp: 1395132
Ion Ratio Lower Upper
149 100
177 22.0 17.7 26.5
150 12.6 10.2 15.2



#61
Fluorene
Concen: 29.104 ng/ul
RT: 15.357 min Scan# 2103
Delta R.T. -0.001 min
Lab File: BP021200.D
Acq: 27 Jul 2024 13:44

Tgt Ion:166 Resp: 1270070
Ion Ratio Lower Upper
166 100
165 98.0 78.1 117.1
167 13.7 10.9 16.3

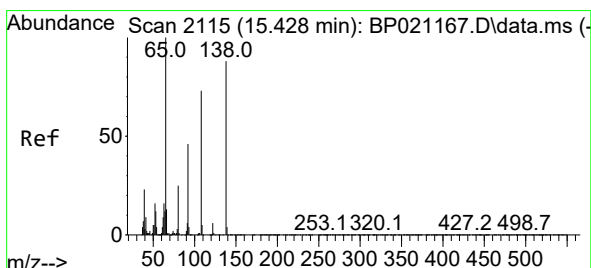
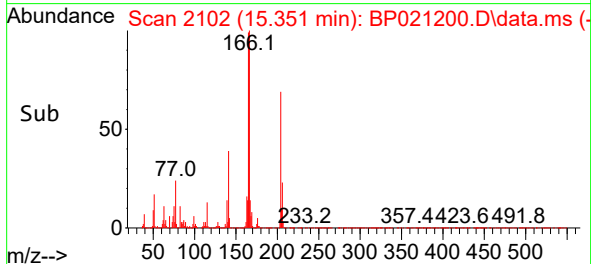
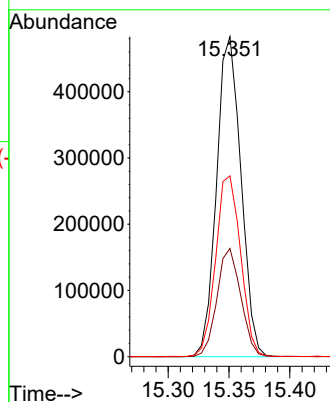
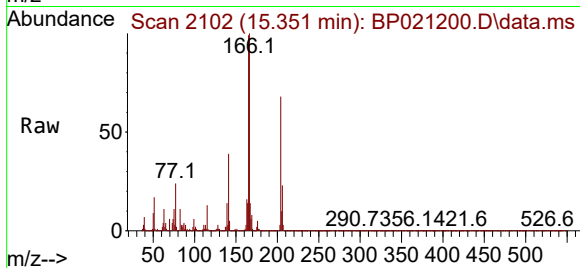




#62
4-Chlorophenyl-phenylether
Concen: 28.464 ng/ul
RT: 15.351 min Scan# 2103
Delta R.T. -0.006 min
Lab File: BP021200.D
Acq: 27 Jul 2024 13:44

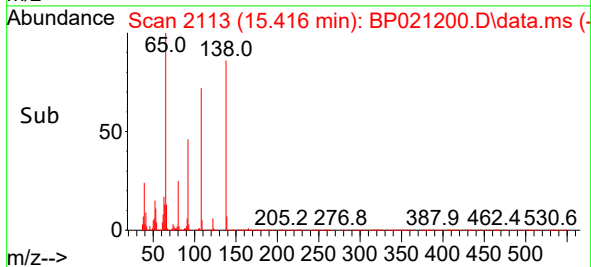
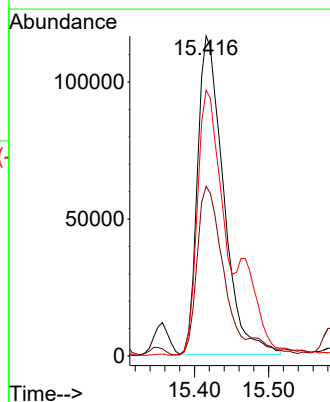
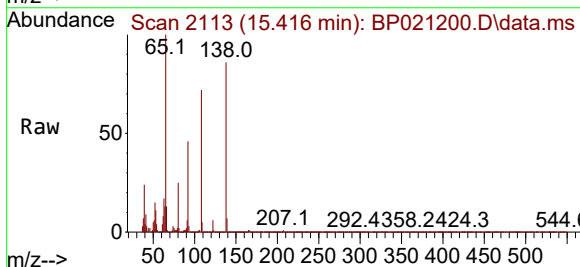
Instrument :
BNA_P
ClientSampleId :

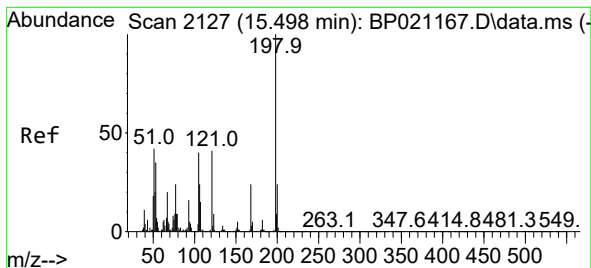
Tgt Ion:204 Resp: 674025
Ion Ratio Lower Upper
204 100
206 33.8 26.4 39.6
141 56.5 48.5 72.7



#63
4-Nitroaniline
Concen: 41.805 ng/ul
RT: 15.416 min Scan# 2113
Delta R.T. -0.012 min
Lab File: BP021200.D
Acq: 27 Jul 2024 13:44

Tgt Ion:138 Resp: 282839
Ion Ratio Lower Upper
138 100
92 53.0 40.9 61.3
108 83.1 64.7 97.1

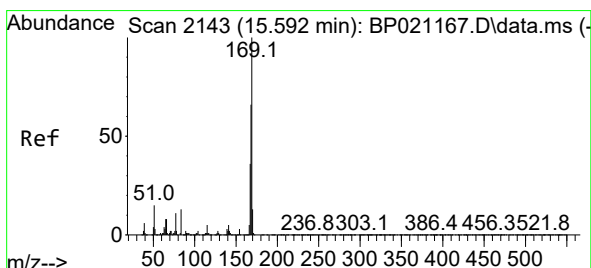
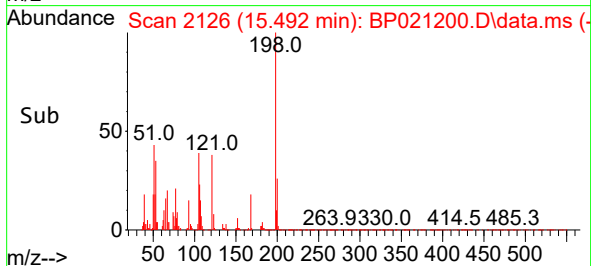
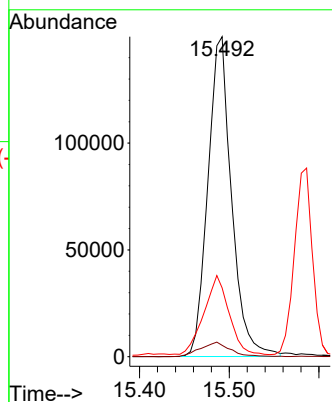
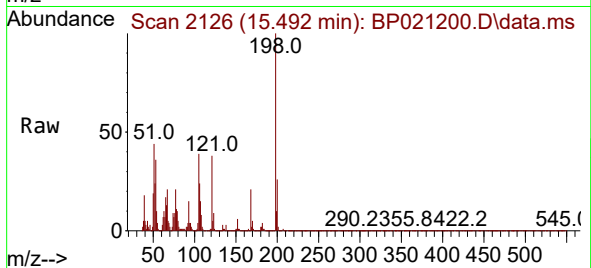




#66
4,6-Dinitro-2-methylphenol
Concen: 31.652 ng/ul
RT: 15.492 min Scan# 2126
Delta R.T. 0.005 min
Lab File: BP021200.D
Acq: 27 Jul 2024 13:44

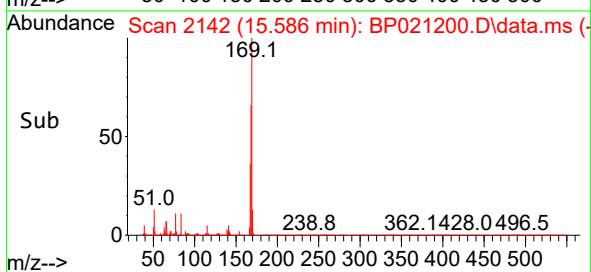
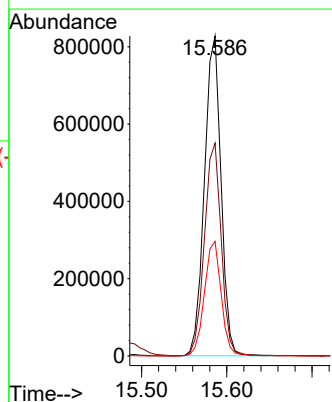
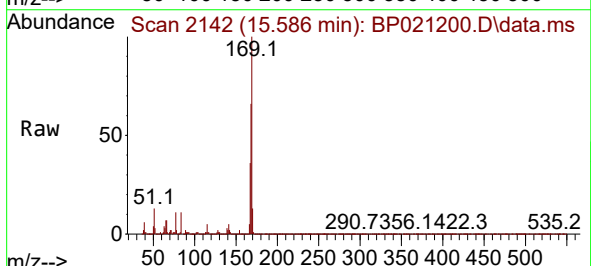
Instrument :
BNA_P
ClientSampleId :

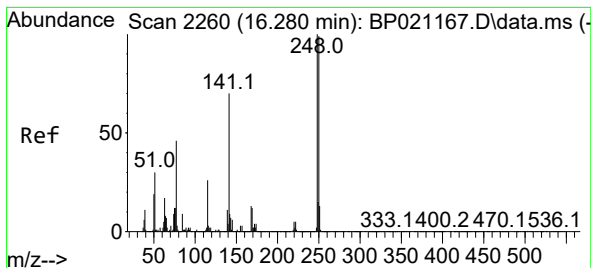
Tgt Ion:198 Resp: 274836
Ion Ratio Lower Upper
198 100
182 3.6 3.8 5.6#
77 21.5 20.0 30.0



#67
N-Nitrosodiphenylamine
Concen: 28.451 ng/ul
RT: 15.586 min Scan# 2142
Delta R.T. -0.001 min
Lab File: BP021200.D
Acq: 27 Jul 2024 13:44

Tgt Ion:169 Resp: 1121165
Ion Ratio Lower Upper
169 100
168 66.5 53.4 80.2
167 35.8 28.4 42.6

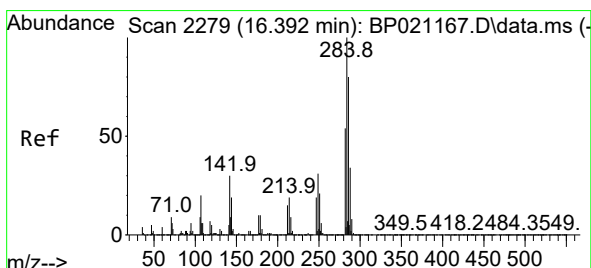
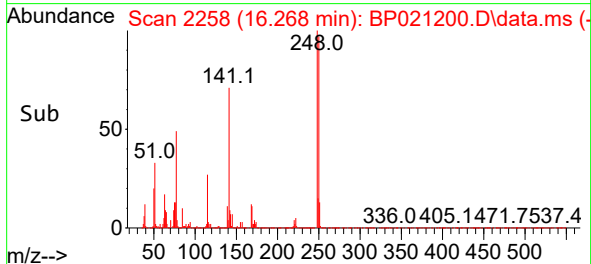
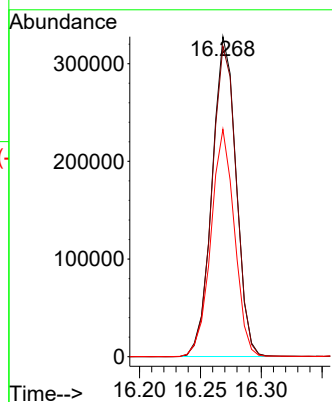
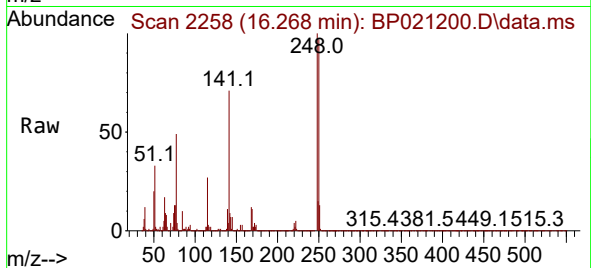




#68
4-Bromophenyl-phenylether
Concen: 28.323 ng/ul
RT: 16.268 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP021200.D
Acq: 27 Jul 2024 13:44

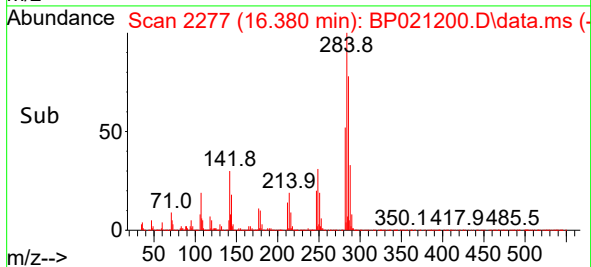
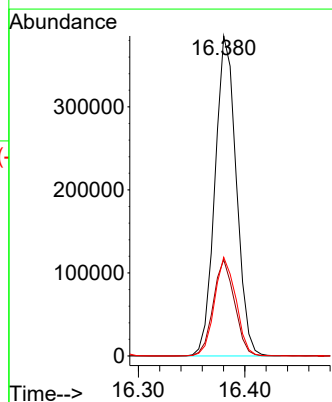
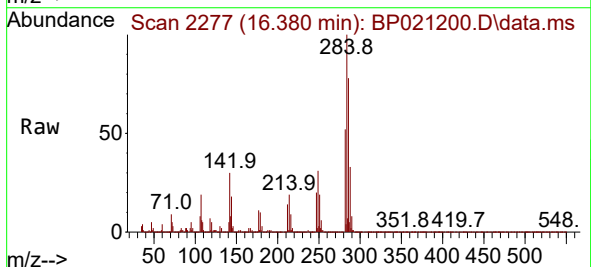
Instrument :
BNA_P
ClientSampleId :

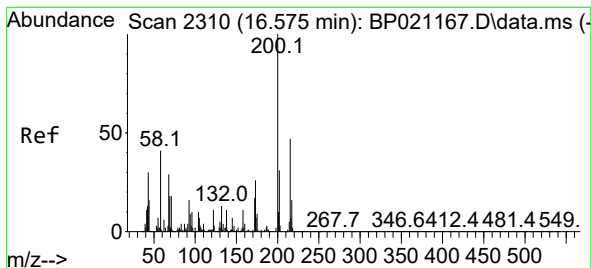
Tgt Ion:248 Resp: 449256
Ion Ratio Lower Upper
248 100
250 97.0 79.3 118.9
141 71.0 57.4 86.0



#69
Hexachlorobenzene
Concen: 29.413 ng/ul
RT: 16.380 min Scan# 2277
Delta R.T. -0.012 min
Lab File: BP021200.D
Acq: 27 Jul 2024 13:44

Tgt Ion:284 Resp: 534931
Ion Ratio Lower Upper
284 100
142 30.1 25.8 38.8
249 30.9 25.1 37.7





#70

Atrazine

Concen: 20.103 ng/ul

RT: 16.568 min Scan# 21

Delta R.T. -0.001 min

Lab File: BP021200.D

Acq: 27 Jul 2024 13:44

Instrument :

BNA_P

ClientSampleId :

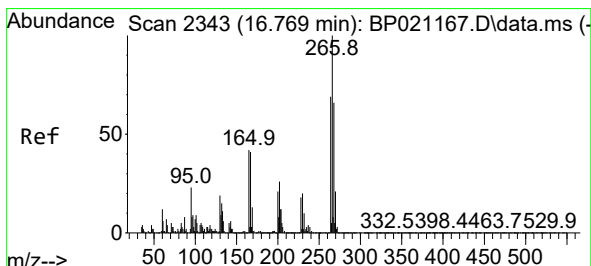
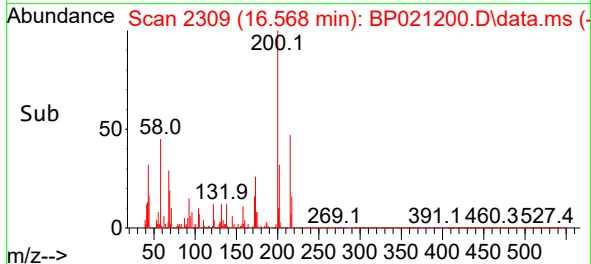
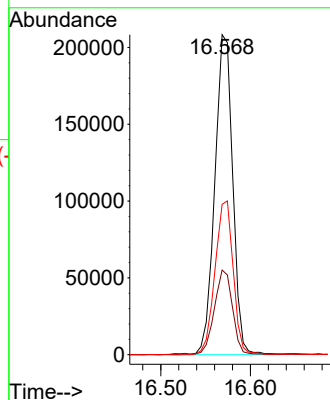
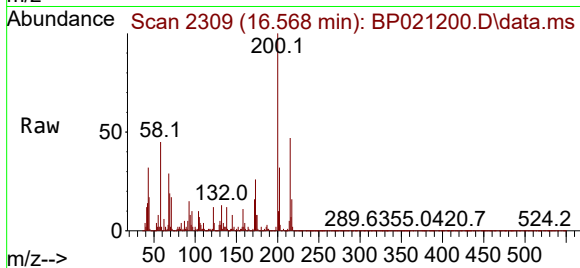
Tgt Ion:200 Resp: 288716

Ion Ratio Lower Upper

200 100

173 26.5 20.8 31.2

215 47.0 38.7 58.1



#71

Pentachlorophenol

Concen: 26.448 ng/ul

RT: 16.757 min Scan# 2341

Delta R.T. -0.006 min

Lab File: BP021200.D

Acq: 27 Jul 2024 13:44

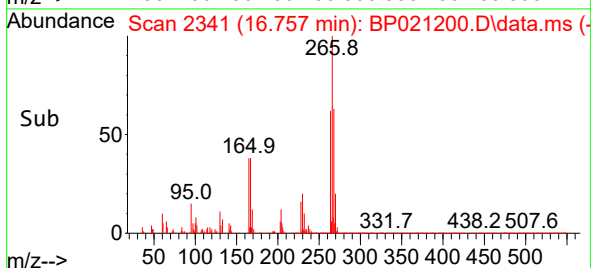
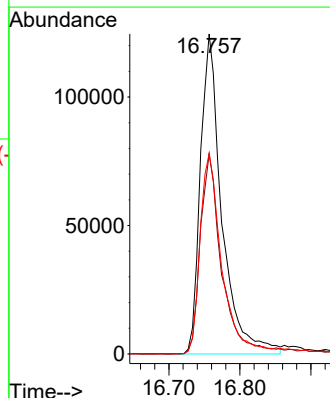
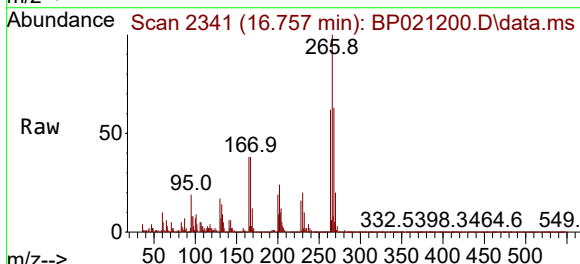
Tgt Ion:266 Resp: 261245

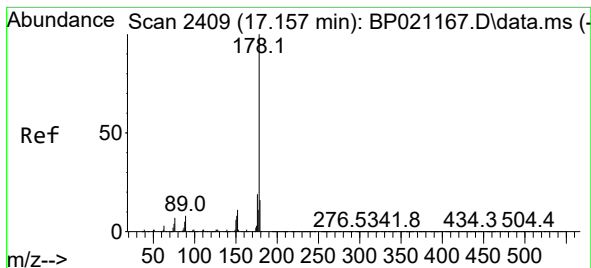
Ion Ratio Lower Upper

266 100

264 62.5 52.3 78.5

268 62.6 52.3 78.5





#72

Phenanthrene

Concen: 29.525 ng/ul

RT: 17.145 min Scan# 2407

Delta R.T. -0.001 min

Lab File: BP021200.D

Acq: 27 Jul 2024 13:44

Instrument :

BNA_P

ClientSampleId :

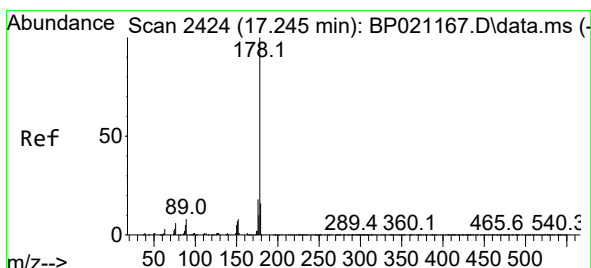
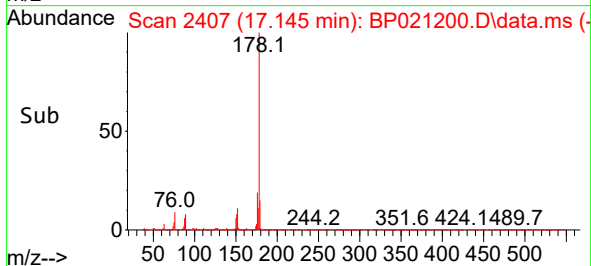
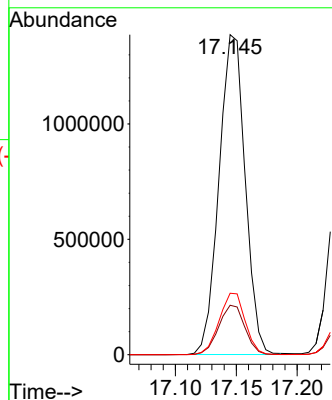
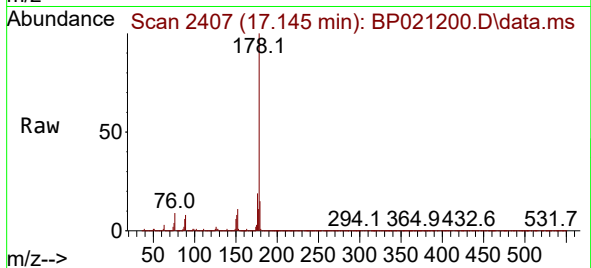
Tgt Ion:178 Resp: 2072710

Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.4

176 19.2 15.0 22.4



#74

Anthracene

Concen: 28.940 ng/ul

RT: 17.239 min Scan# 2423

Delta R.T. -0.001 min

Lab File: BP021200.D

Acq: 27 Jul 2024 13:44

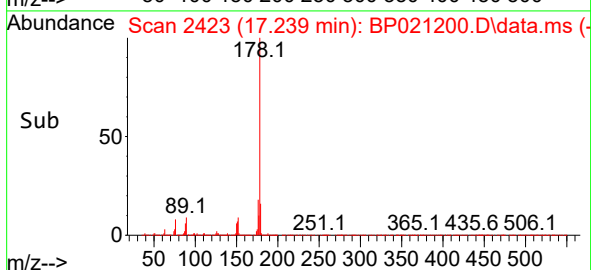
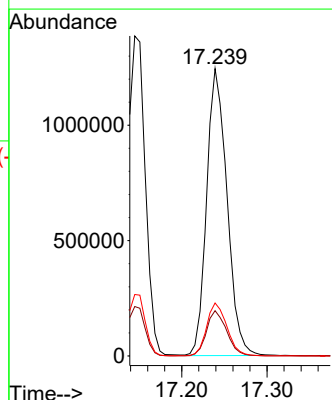
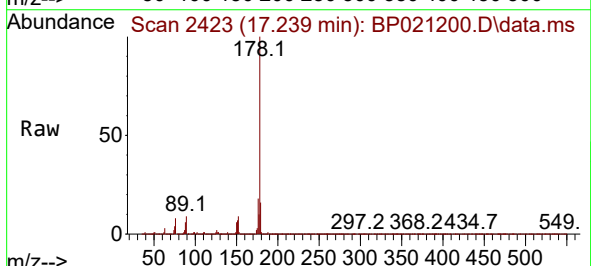
Tgt Ion:178 Resp: 2071149

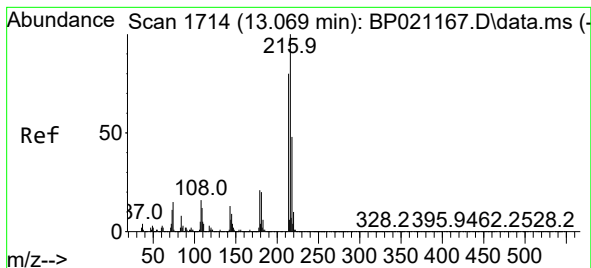
Ion Ratio Lower Upper

178 100

179 15.7 12.5 18.7

176 18.4 14.8 22.2

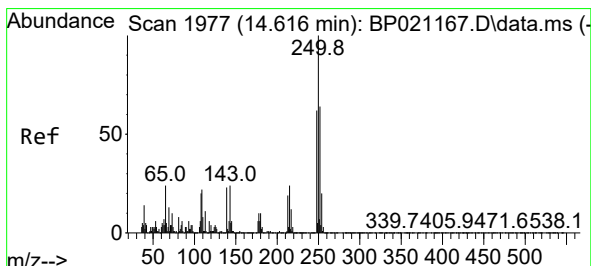
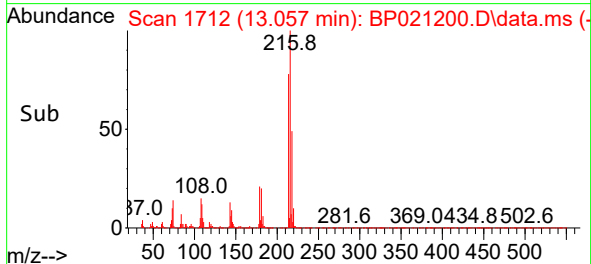
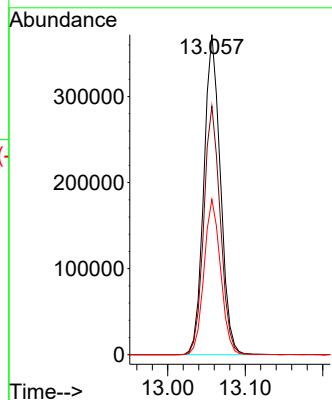
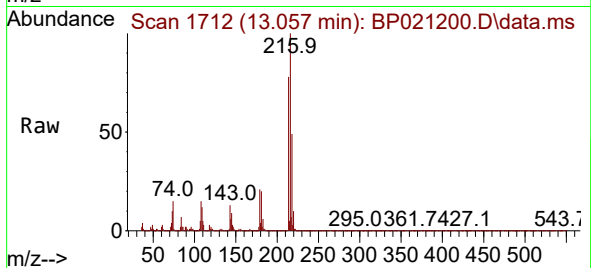




#75
1,2,3,4-Tetrachlorobenzene
Concen: 25.493 ng/uL
RT: 13.057 min Scan# 1714
Delta R.T. -0.018 min
Lab File: BP021200.D
Acq: 27 Jul 2024 13:44

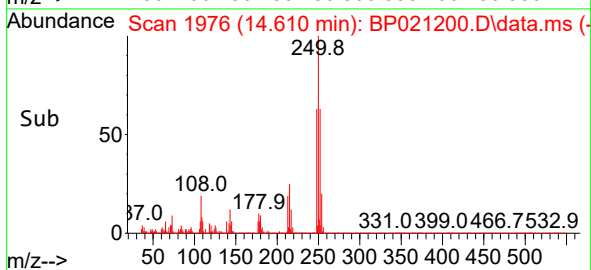
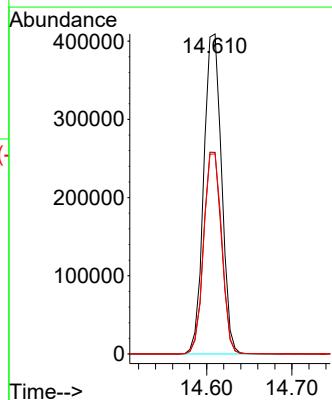
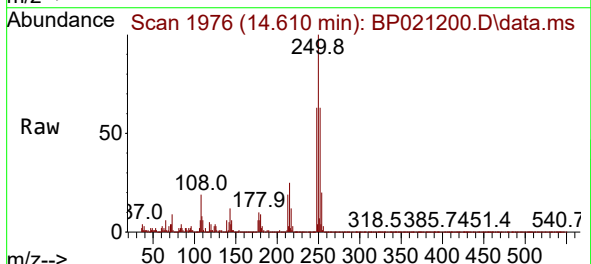
Instrument :
BNA_P
ClientSampleId :

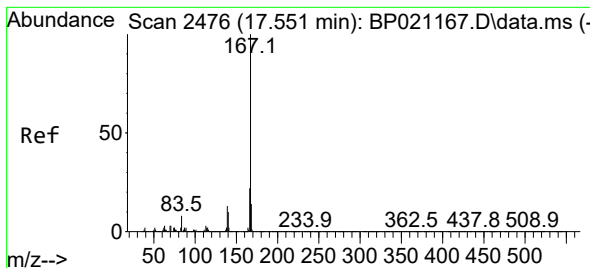
Tgt Ion:216 Resp: 552168
Ion Ratio Lower Upper
216 100
214 77.7 63.2 94.8
218 48.5 38.2 57.4



#76
Pentachlorobenzene
Concen: 27.503 ng/uL
RT: 14.610 min Scan# 1976
Delta R.T. -0.006 min
Lab File: BP021200.D
Acq: 27 Jul 2024 13:44

Tgt Ion:250 Resp: 591927
Ion Ratio Lower Upper
250 100
248 63.0 50.8 76.2
252 62.6 51.6 77.4





#77

Carbazole

Concen: 33.424 ng/ul

RT: 17.545 min Scan# 2476

Delta R.T. 0.005 min

Lab File: BP021200.D

Acq: 27 Jul 2024 13:44

Instrument :

BNA_P

ClientSampleId :

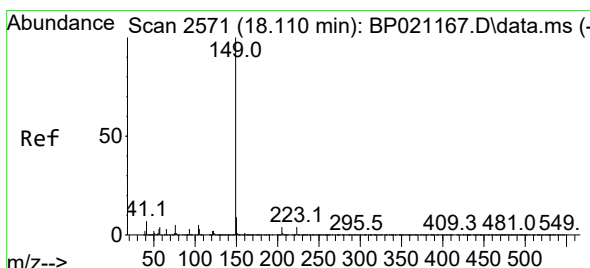
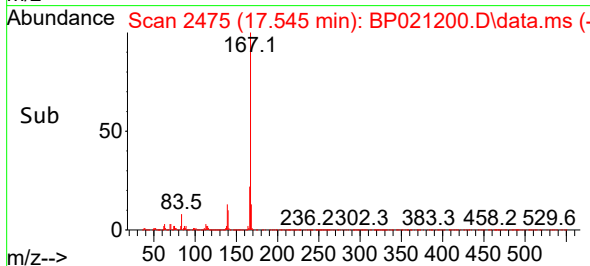
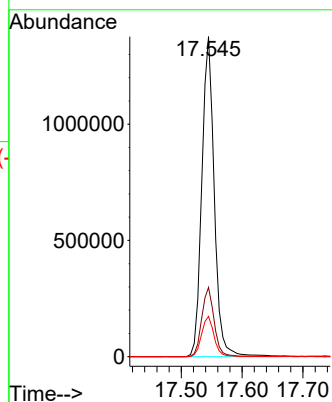
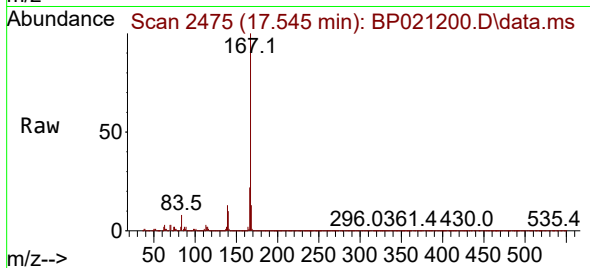
Tgt Ion:167 Resp: 1955452

Ion Ratio Lower Upper

167 100

166 21.6 17.3 25.9

139 12.6 10.2 15.2



#78

Di-n-butylphthalate

Concen: 30.477 ng/ul

RT: 18.110 min Scan# 2571

Delta R.T. 0.005 min

Lab File: BP021200.D

Acq: 27 Jul 2024 13:44

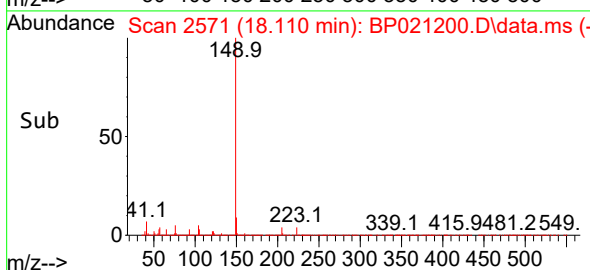
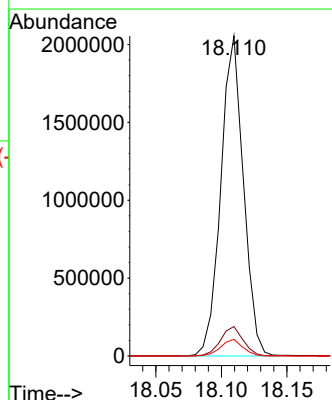
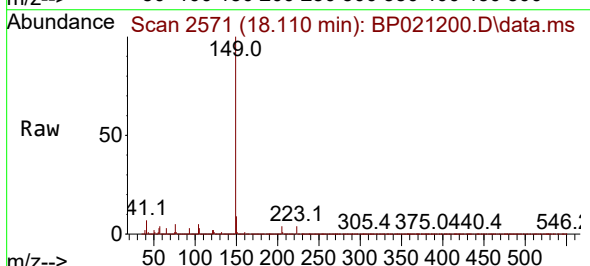
Tgt Ion:149 Resp: 2460004

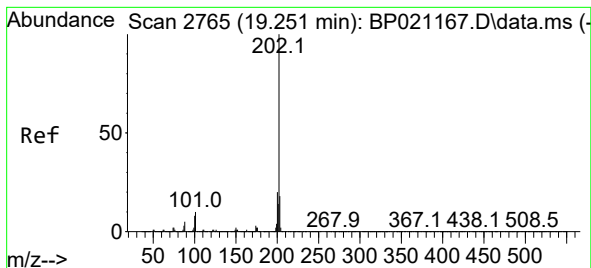
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 5.2 3.9 5.9





#80

Fluoranthene

Concen: 25.848 ng/ul

RT: 19.251 min Scan# 21

Delta R.T. 0.005 min

Lab File: BP021200.D

Acq: 27 Jul 2024 13:44

Instrument :

BNA_P

ClientSampleId :

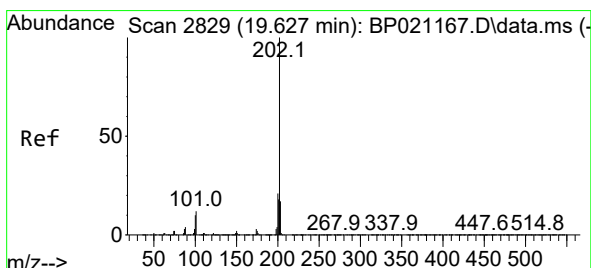
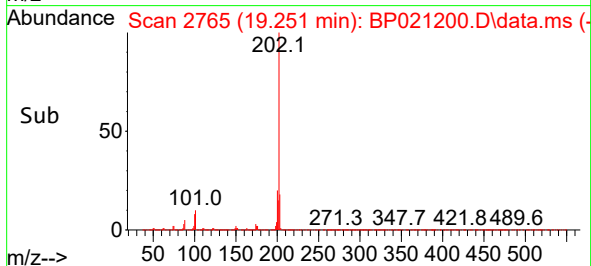
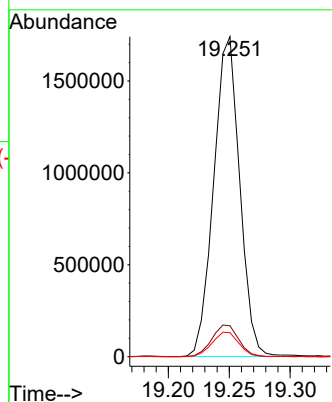
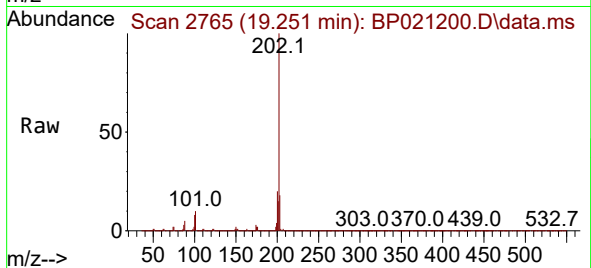
Tgt Ion:202 Resp: 2583381

Ion Ratio Lower Upper

202 100

101 9.6 8.0 12.0

100 7.5 6.1 9.1



#82

Pyrene

Concen: 26.406 ng/ul

RT: 19.627 min Scan# 2829

Delta R.T. 0.011 min

Lab File: BP021200.D

Acq: 27 Jul 2024 13:44

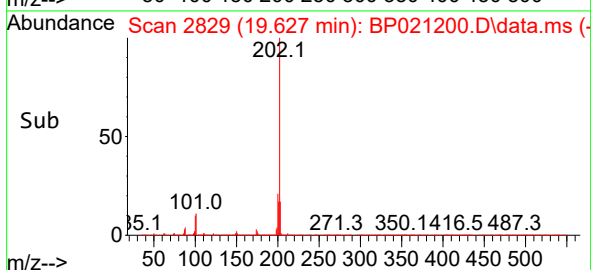
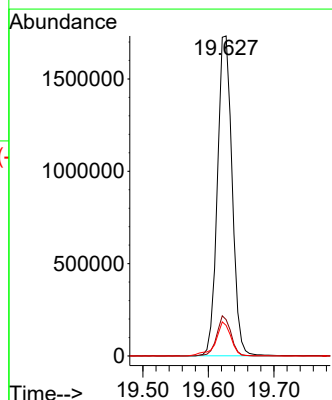
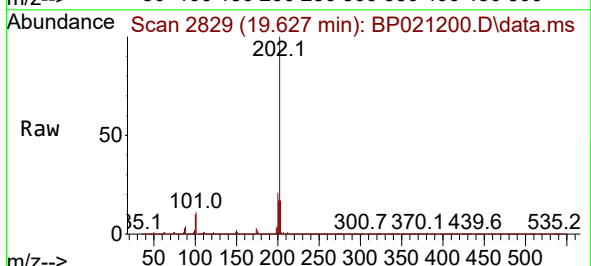
Tgt Ion:202 Resp: 2685574

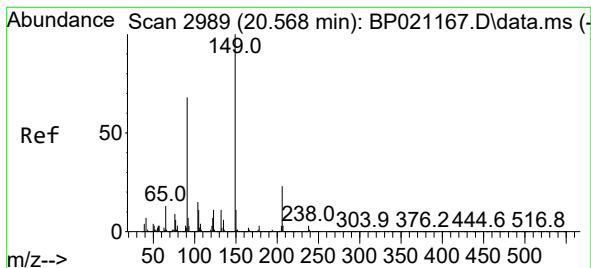
Ion Ratio Lower Upper

202 100

101 11.4 9.4 14.2

100 9.5 7.8 11.6





#83

Butylbenzylphthalate

Concen: 27.185 ng/ul

RT: 20.562 min Scan# 2989

Delta R.T. -0.001 min

Lab File: BP021200.D

Acq: 27 Jul 2024 13:44

Instrument :

BNA_P

ClientSampleId :

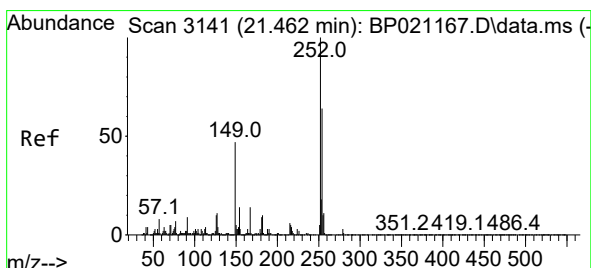
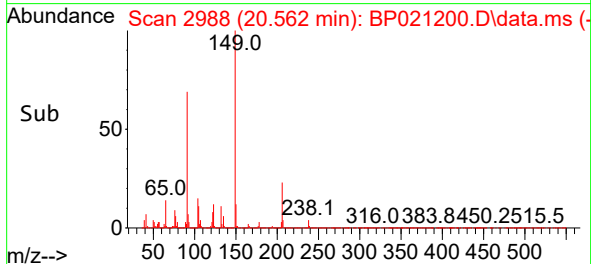
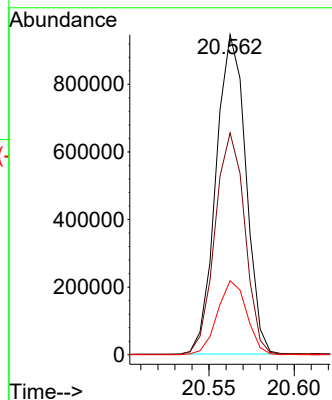
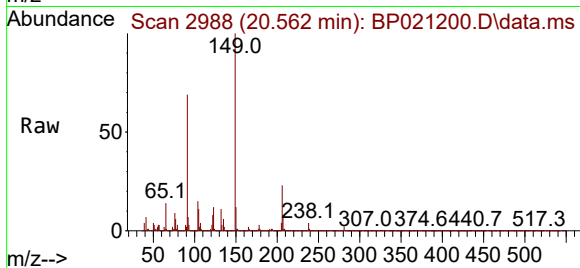
Tgt Ion:149 Resp: 1151927

Ion Ratio Lower Upper

149 100

91 69.3 54.1 81.1

206 23.1 17.0 25.6



#84

3,3'-Dichlorobenzidine

Concen: 24.730 ng/ul

RT: 21.456 min Scan# 3140

Delta R.T. -0.006 min

Lab File: BP021200.D

Acq: 27 Jul 2024 13:44

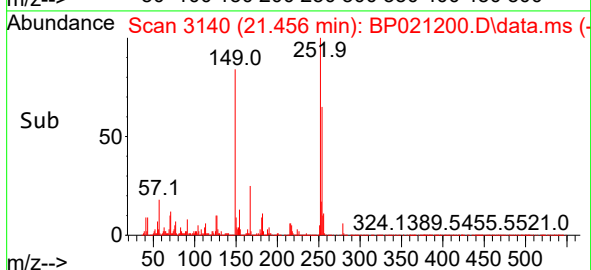
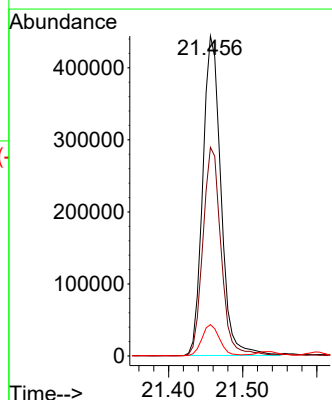
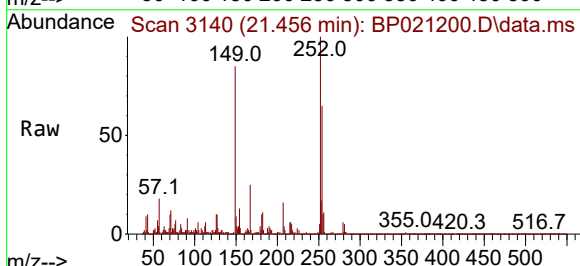
Tgt Ion:252 Resp: 756442

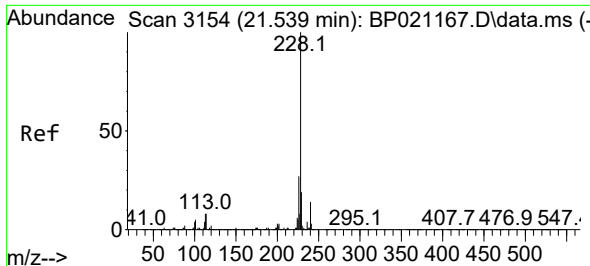
Ion Ratio Lower Upper

252 100

254 65.2 51.5 77.3

126 9.8 8.0 12.0

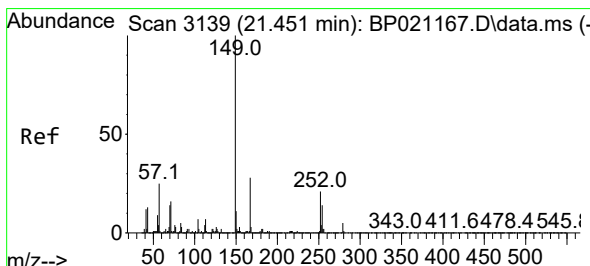
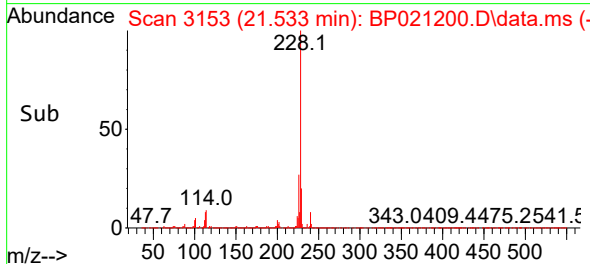
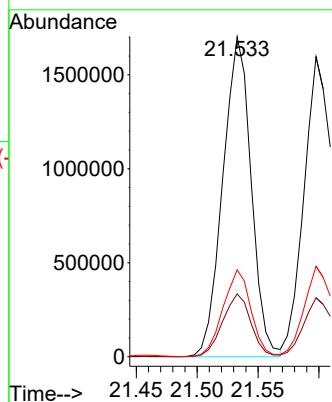
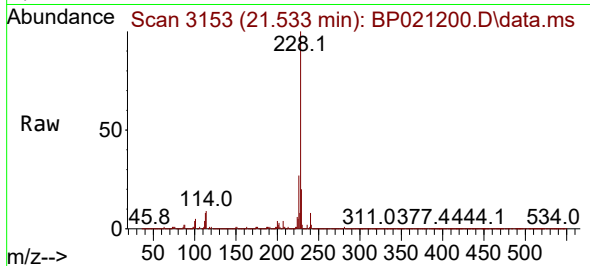




#85
Benzo(a)anthracene
Concen: 29.316 ng/ul
RT: 21.533 min Scan# 3154
Delta R.T. -0.001 min
Lab File: BP021200.D
Acq: 27 Jul 2024 13:44

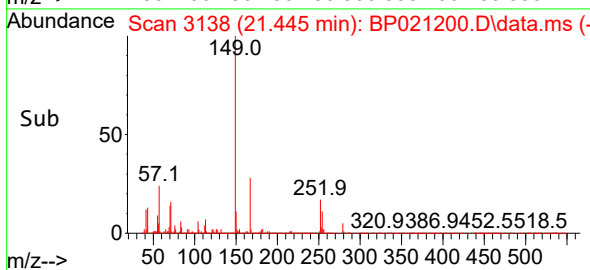
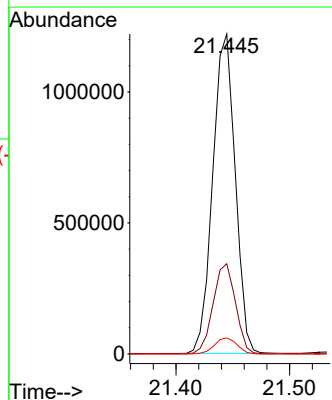
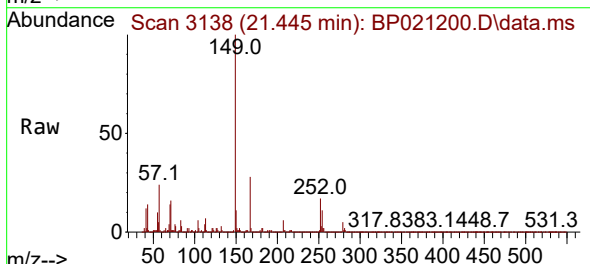
Instrument :
BNA_P
ClientSampleId :

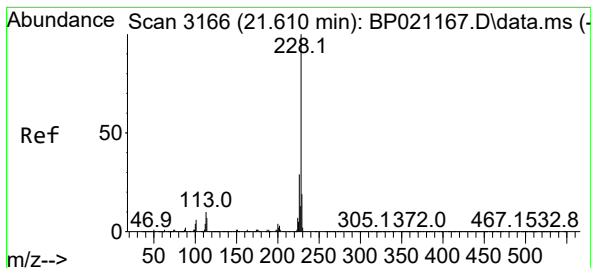
Tgt Ion:228 Resp: 2749000
Ion Ratio Lower Upper
228 100
229 19.6 15.5 23.3
226 27.1 21.4 32.2



#86
Bis(2-ethylhexyl)phthalate
Concen: 27.481 ng/ul
RT: 21.445 min Scan# 3138
Delta R.T. -0.006 min
Lab File: BP021200.D
Acq: 27 Jul 2024 13:44

Tgt Ion:149 Resp: 1675768
Ion Ratio Lower Upper
149 100
167 28.2 22.1 33.1
279 5.0 3.7 5.5





#87

Chrysene

Concen: 30.227 ng/ul

RT: 21.598 min Scan# 3164

Delta R.T. -0.006 min

Lab File: BP021200.D

Acq: 27 Jul 2024 13:44

Instrument :

BNA_P

ClientSampleId :

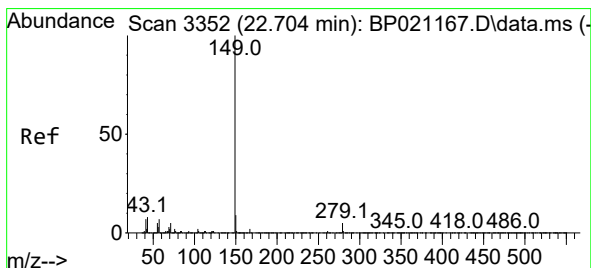
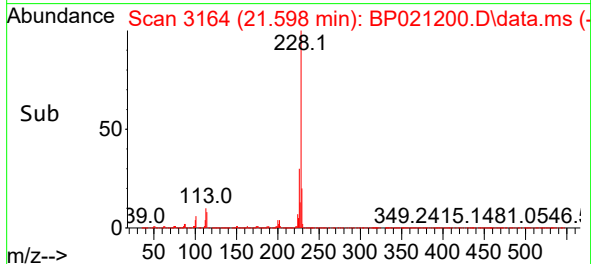
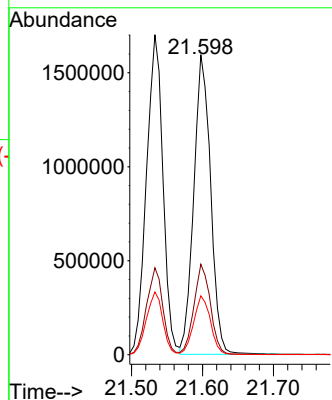
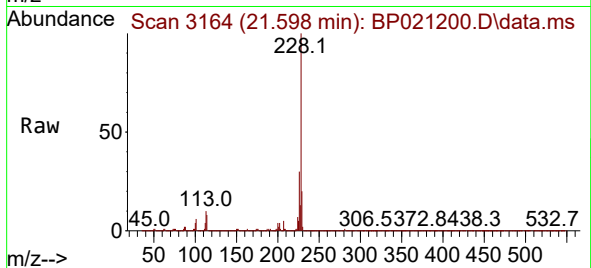
Tgt Ion:228 Resp: 2633806

Ion Ratio Lower Upper

228 100

226 30.1 23.6 35.4

229 19.6 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 28.530 ng/ul

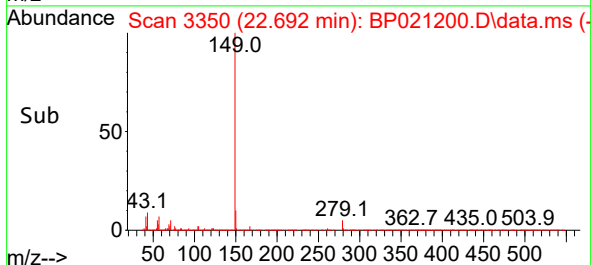
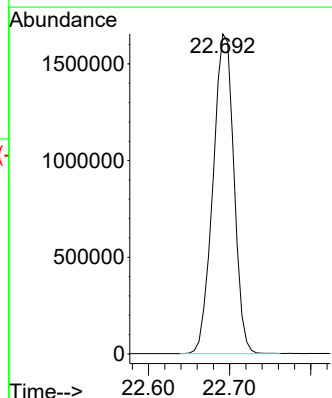
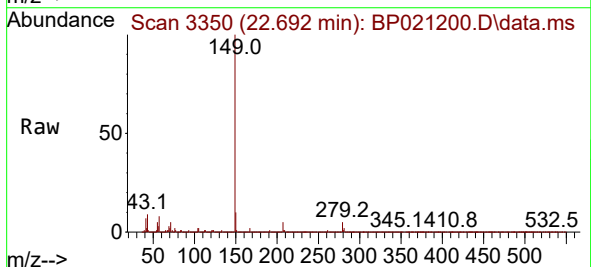
RT: 22.692 min Scan# 3350

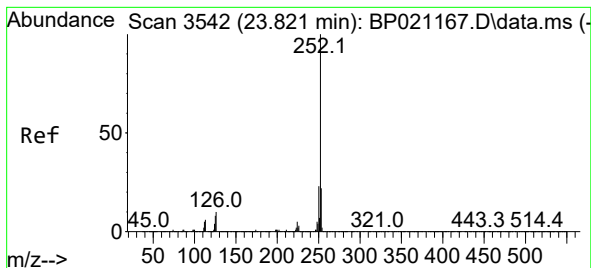
Delta R.T. -0.001 min

Lab File: BP021200.D

Acq: 27 Jul 2024 13:44

Tgt Ion:149 Resp: 2956618





#90

Benzo(b)fluoranthene

Concen: 30.012 ng/ul

RT: 23.821 min Scan# 3553

Delta R.T. -0.001 min

Lab File: BP021200.D

Acq: 27 Jul 2024 13:44

Instrument :

BNA_P

ClientSampleId :

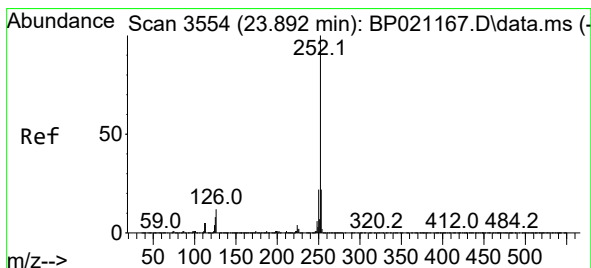
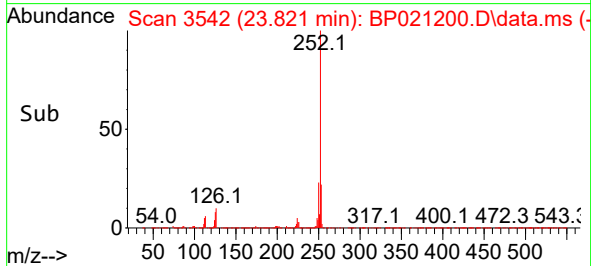
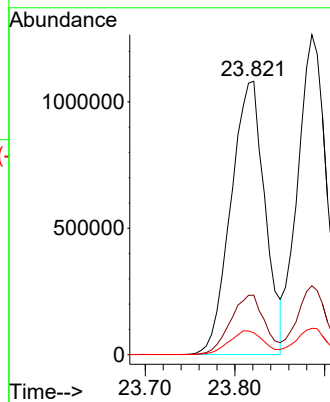
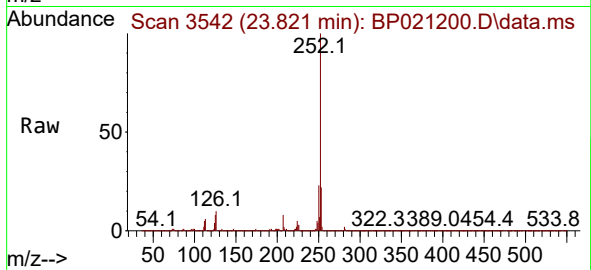
Tgt Ion:252 Resp: 2857076

Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

125 8.0 7.0 10.4



#91

Benzo(k)fluoranthene

Concen: 29.653 ng/ul

RT: 23.886 min Scan# 3553

Delta R.T. -0.001 min

Lab File: BP021200.D

Acq: 27 Jul 2024 13:44

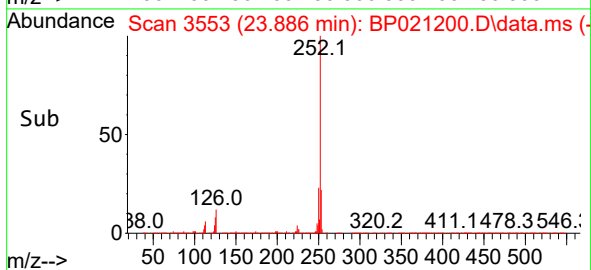
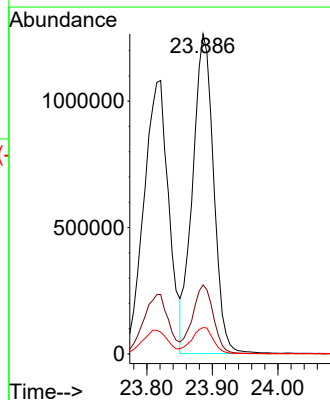
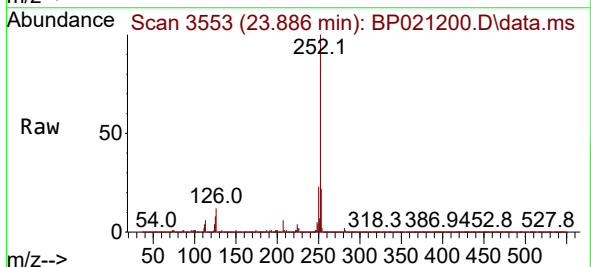
Tgt Ion:252 Resp: 2817201

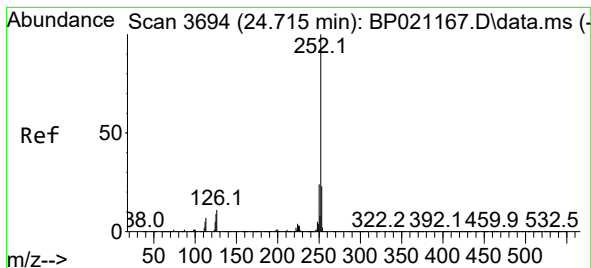
Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.2

125 8.3 7.4 11.0





#93

Benzo(a)pyrene

Concen: 26.878 ng/ul

RT: 24.703 min Scan# 3

Delta R.T. -0.012 min

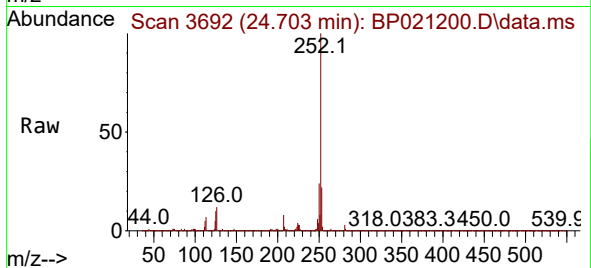
Lab File: BP021200.D

Acq: 27 Jul 2024 13:44

Instrument :

BNA_P

ClientSampleId :



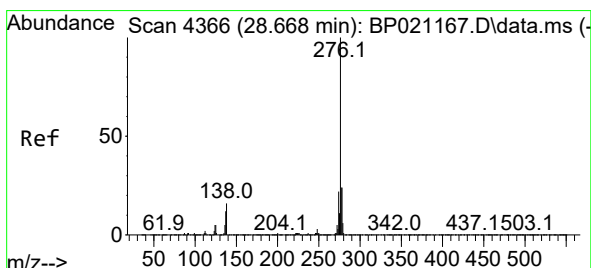
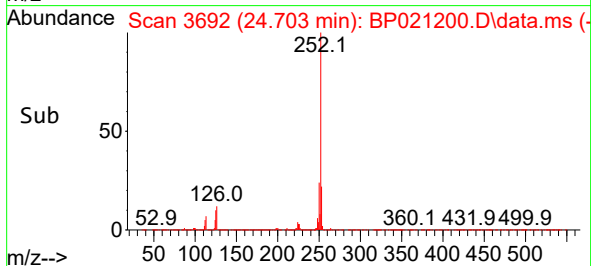
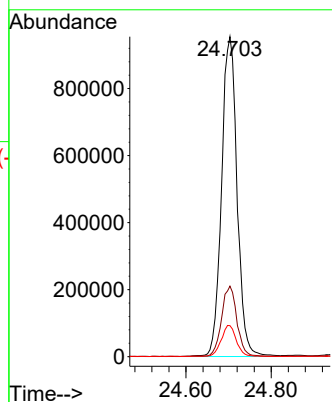
Tgt Ion:252 Resp: 2417975

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 9.7 7.7 11.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 30.075 ng/ul

RT: 28.656 min Scan# 4364

Delta R.T. 0.017 min

Lab File: BP021200.D

Acq: 27 Jul 2024 13:44

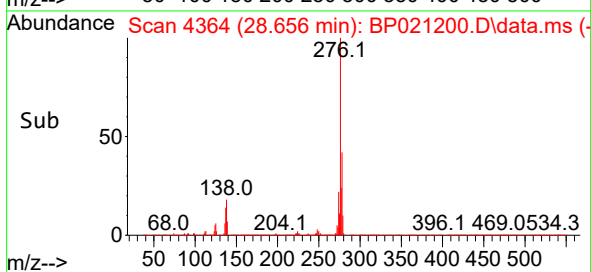
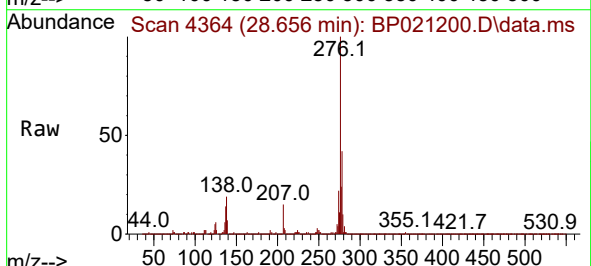
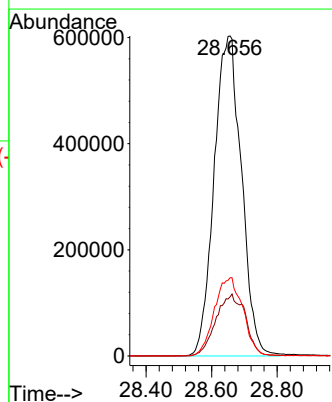
Tgt Ion:276 Resp: 3486394

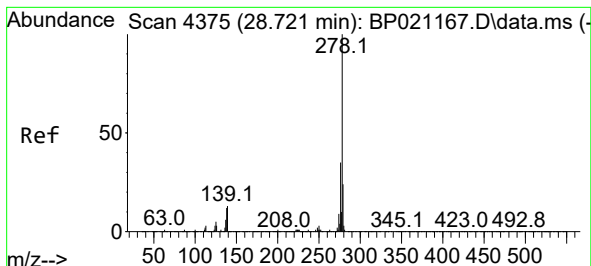
Ion Ratio Lower Upper

276 100

138 18.5 14.3 21.5

277 24.4 19.2 28.8





#95

Dibenzo(a,h)anthracene

Concen: 29.462 ng/ul

RT: 28.697 min Scan# 41

Delta R.T. 0.005 min

Lab File: BP021200.D

Acq: 27 Jul 2024 13:44

Instrument :

BNA_P

ClientSampleId :

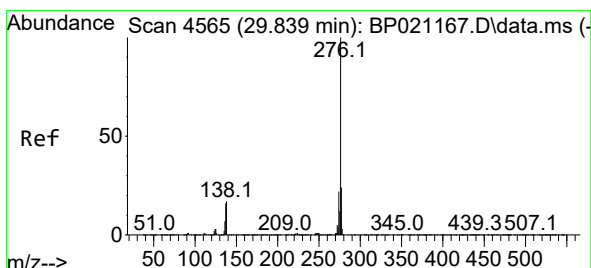
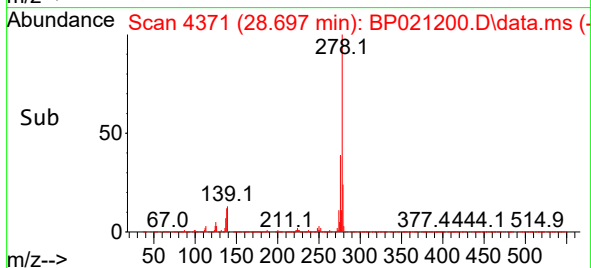
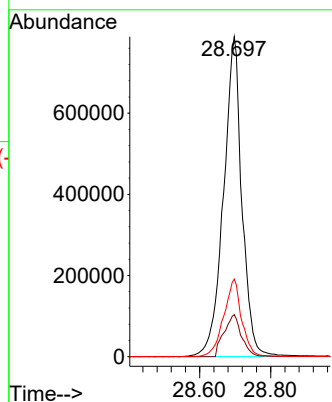
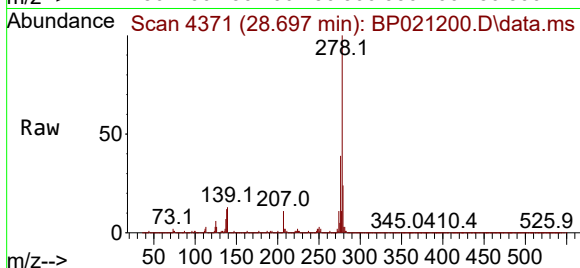
Tgt Ion:278 Resp: 2828132

Ion Ratio Lower Upper

278 100

139 13.1 10.9 16.3

279 24.2 19.4 29.0



#96

Benzo(g,h,i)perylene

Concen: 15.377 ng/ul

RT: 29.797 min Scan# 4558

Delta R.T. -0.012 min

Lab File: BP021200.D

Acq: 27 Jul 2024 13:44

Tgt Ion:276 Resp: 1451702

Ion Ratio Lower Upper

276 100

138 18.5 15.3 22.9

277 23.5 18.2 27.2

