

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071524\
 Data File : BP020991.D
 Acq On : 16 Jul 2024 15:05
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020689

Quant Time: Jul 16 22:56:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 15 12:22:22 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	187487	20.000	ng/u1	0.00
20) Naphthalene-d8	10.452	136	693332	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.316	164	414500	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.122	188	847799	20.000	ng/u1	0.00
79) Chrysene-d12	21.563	240	886762	20.000	ng/u1	0.01
88) Perylene-d12	24.851	264	1086815	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	34790	8.444	ng/uL	0.00
4) Pyridine-d5	3.658	84	245744	20.602	ng/u1	0.00
7) Phenol-d5	6.893	99	293325	19.190	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	180115	19.444	ng/u1	0.00
11) 2-Chlorophenol-d4	7.240	132	255860	20.316	ng/u1	0.00
15) 4-Methylphenol-d8	8.405	113	233215	18.370	ng/u1	0.01
21) Nitrobenzene-d5	8.840	128	117812	21.877	ng/u1	0.01
24) 2-Nitrophenol-d4	9.552	143	128819	20.900	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.093	165	237899	21.345	ng/u1	0.00
31) 4-Chloroaniline-d4	10.599	131	299531	20.287	ng/u1	0.01
46) Dimethylphthalate-d6	13.710	166	618488	20.526	ng/u1	0.00
49) Acenaphthylene-d8	14.004	160	723197	21.375	ng/u1	0.00
54) 4-Nitrophenol-d4	14.569	143	78456	18.300	ng/u1	0.00
60) Fluorene-d10	15.322	176	530281	21.452	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	95628	18.642	ng/u1	0.00
73) Anthracene-d10	17.222	188	815238	21.650	ng/u1	0.00
81) Pyrene-d10	19.604	212	984100	17.950	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.633	264	1144099	21.345	ng/u1	0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.281	88	37981	8.382	ng/uL	97
5) Pyridine	3.681	79	249111	20.248	ng/u1	98
6) Benzaldehyde	6.864	77	179269	23.263	ng/u1	99
8) Phenol	6.922	94	294975	19.071	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.134	93	250384	19.596	ng/u1	98
12) 2-Chlorophenol	7.269	128	253975	20.121	ng/u1	99
13) 2-Methylphenol	8.146	108	226561	18.940	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.205	45	234920	12.726	ng/u1	97
16) Acetophenone	8.511	105	361885	18.469	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.487	70	178720	17.408	ng/u1	97
18) 4-Methylphenol	8.463	108	236898	18.486	ng/u1	92
19) Hexachloroethane	8.746	117	113485	20.008	ng/u1	99
22) Nitrobenzene	8.887	77	275372	21.346	ng/u1	98
23) Isophorone	9.405	82	498790	19.449	ng/u1	98
25) 2-Nitrophenol	9.581	139	138371	21.525	ng/u1	96
26) 2,4-Dimethylphenol	9.646	107	260718	20.567	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.869	93	310865	19.942	ng/u1	98
29) 2,4-Dichlorophenol	10.122	162	230619	20.996	ng/u1	98
30) Naphthalene	10.510	128	773997	21.223	ng/u1	99
32) 4-Chloroaniline	10.622	127	287307	20.378	ng/u1	99
33) Hexachlorobutadiene	10.763	225	178091	21.624	ng/u1	99
34) Caprolactam	11.428	113	63174	18.670	ng/u1	99
35) 4-Chloro-3-methylphenol	11.763	107	232272	19.454	ng/u1	99
36) 2-Methylnaphthalene	12.110	142	497955	19.891	ng/u1	99

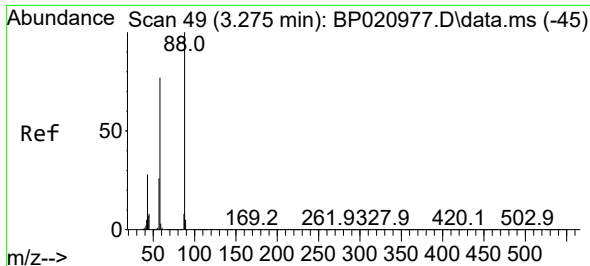
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 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 15 12:22:22 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.328	142	517314	20.092	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.481	216	297556	22.105	ng/ul	98
40) Hexachlorocyclopentadiene	12.446	237	100793	14.313	ng/ul	98
41) 2,4,6-Trichlorophenol	12.740	196	180198	21.185	ng/ul	99
42) 2,4,5-Trichlorophenol	12.822	196	187582	20.843	ng/ul	98
43) 1,1'-Biphenyl	13.134	154	654117	21.593	ng/ul	99
44) 2-Chloronaphthalene	13.181	162	518820	21.454	ng/ul	99
45) 2-Nitroaniline	13.398	65	139024	20.788	ng/ul	98
47) Dimethylphthalate	13.763	163	629033	20.574	ng/ul	99
48) 2,6-Dinitrotoluene	13.904	165	125284	20.496	ng/ul	98
50) Acenaphthylene	14.028	152	809733	21.138	ng/ul	99
51) 3-Nitroaniline	14.240	138	118708	22.317	ng/ul	99
52) Acenaphthene	14.375	153	542283	21.328	ng/ul	98
53) 2,4-Dinitrophenol	14.463	184	51417	16.017	ng/ul	94
55) 4-Nitrophenol	14.587	109	61210	17.552	ng/ul	98
56) Dibenzofuran	14.716	168	729526	20.953	ng/ul	97
57) 2,4-Dinitrotoluene	14.710	165	177942	21.206	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	14.951	232	159765	20.731	ng/ul	98
59) Diethylphthalate	15.151	149	620578	20.310	ng/ul	99
61) Fluorene	15.375	166	601540	21.172	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.381	204	320713	20.802	ng/ul	97
63) 4-Nitroaniline	15.428	138	111632	25.342	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.481	198	105262	19.350	ng/ul	99
67) N-Nitrosodiphenylamine	15.598	169	502670	20.361	ng/ul	99
68) 4-Bromophenyl-phenylether	16.287	248	199455	20.072	ng/ul	97
69) Hexachlorobenzene	16.392	284	234993	20.624	ng/ul	99
70) Atrazine	16.581	200	192843	21.433	ng/ul	99
71) Pentachlorophenol	16.775	266	116536	18.832	ng/ul	98
72) Phenanthrene	17.169	178	946758	21.527	ng/ul	100
74) Anthracene	17.257	178	960439	21.421	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.099	216	286507	21.114	ng/uL	99
76) Pentachlorobenzene	14.634	250	276646	20.517	ng/uL	99
77) Carbazole	17.545	167	864039	23.574	ng/ul	100
78) Di-n-butylphthalate	18.128	149	1050819	20.780	ng/ul	100
80) Fluoranthene	19.263	202	1165577	17.605	ng/ul	100
82) Pyrene	19.633	202	1226901	18.211	ng/ul	99
83) Butylbenzylphthalate	20.580	149	514729	18.337	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.469	252	452031	22.308	ng/ul	99
85) Benzo(a)anthracene	21.545	228	1300389	20.934	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.463	149	736331	18.228	ng/ul	99
87) Chrysene	21.610	228	1215591	21.060	ng/ul	99
89) Di-n-octyl phthalate	22.710	149	1336278	18.612	ng/ul	100
90) Benzo(b)fluoranthene	23.810	252	1376717	20.874	ng/ul	99
91) Benzo(k)fluoranthene	23.874	252	1366926	20.768	ng/ul	99
93) Benzo(a)pyrene	24.698	252	1294709	20.774	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.615	276	1508238	18.780	ng/ul	98
95) Dibenzo(a,h)anthracene	28.668	278	776651	11.678	ng/ul	98
96) Benzo(g,h,i)perylene	29.774	276	1322918	20.226	ng/ul	99

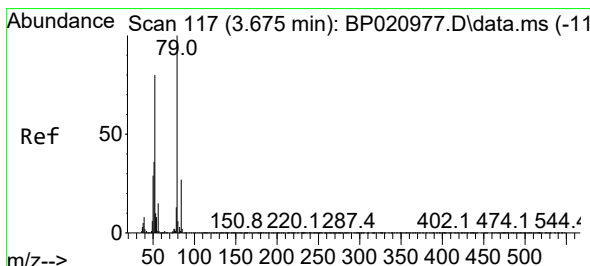
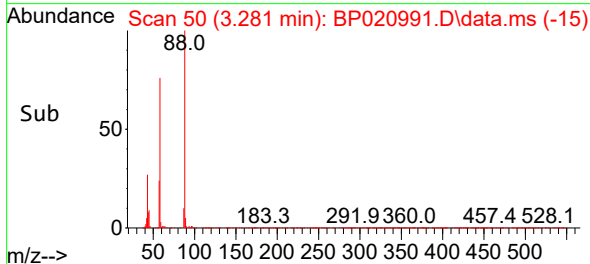
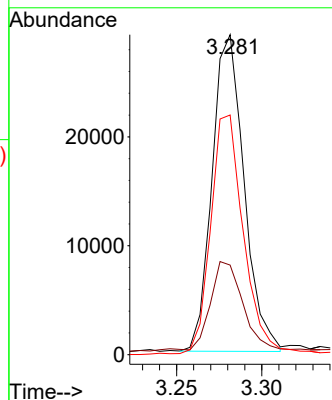
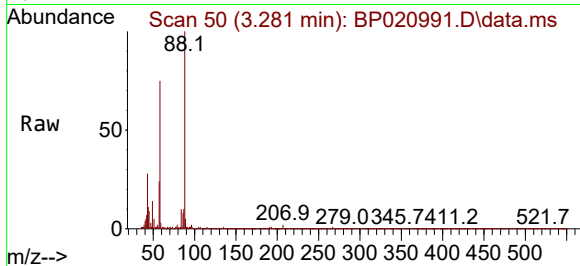
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#2
1,4-Dioxane
Concen: 8.382 ng/uL
RT: 3.281 min Scan# 50
Delta R.T. 0.006 min
Lab File: BP020991.D
Acq: 16 Jul 2024 15:05

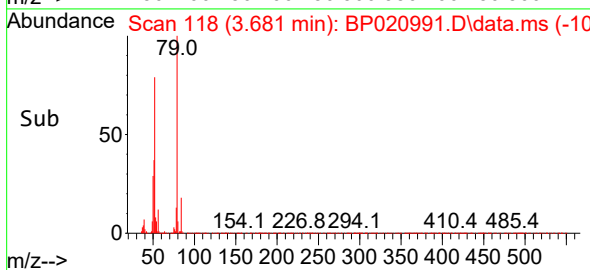
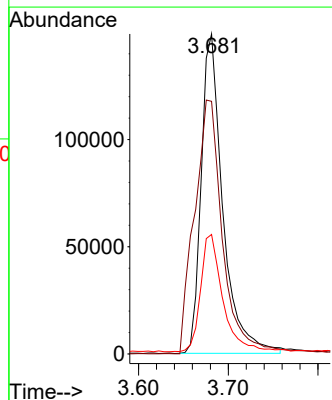
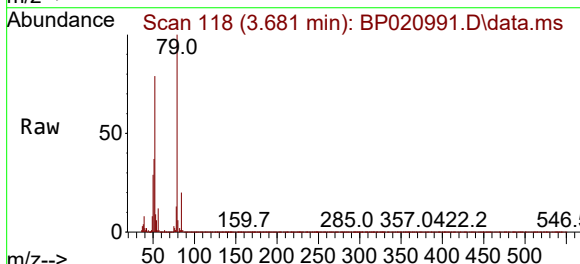
Instrument :
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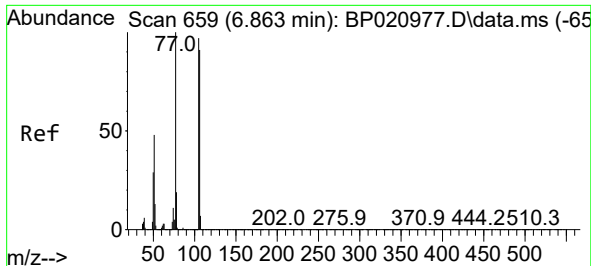
Tgt Ion: 88	Resp: 37981
Ion Ratio	Lower Upper
88	100
43	28.0 25.4 38.0
58	74.9 59.2 88.8



#5
Pyridine
Concen: 20.248 ng/uL
RT: 3.681 min Scan# 118
Delta R.T. 0.006 min
Lab File: BP020991.D
Acq: 16 Jul 2024 15:05

Tgt Ion: 79	Resp: 249111
Ion Ratio	Lower Upper
79	100
52	79.0 64.9 97.3
51	37.4 30.5 45.7

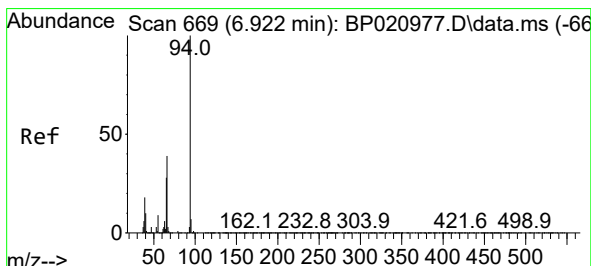
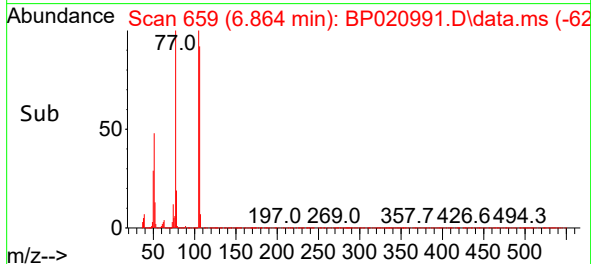
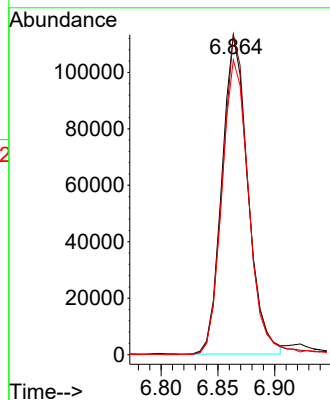
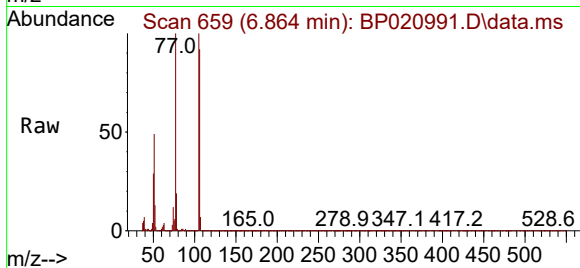




#6
Benzaldehyde
Concen: 23.263 ng/ul
RT: 6.864 min Scan# 659
Delta R.T. 0.006 min
Lab File: BP020991.D
Acq: 16 Jul 2024 15:05

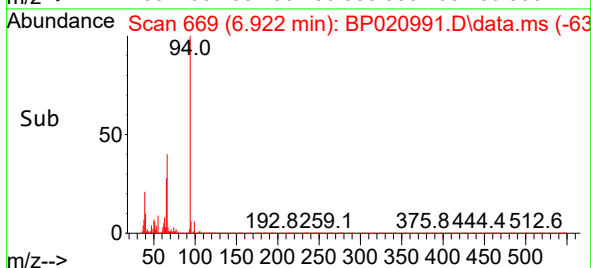
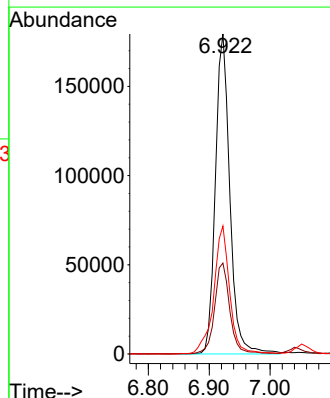
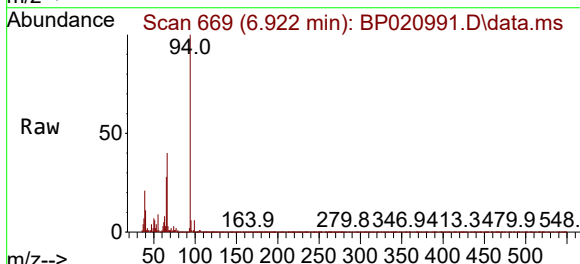
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ClientSampleId :
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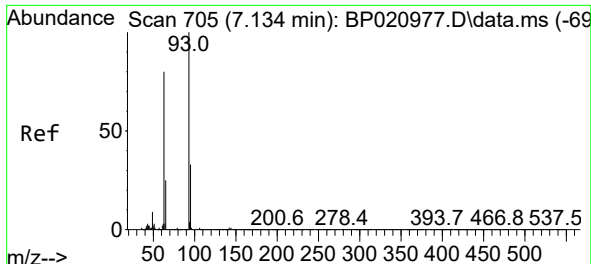
Tgt Ion: 77 Resp: 179269
Ion Ratio Lower Upper
77 100
105 100.2 79.3 118.9
106 92.3 74.6 112.0



#8
Phenol
Concen: 19.071 ng/ul
RT: 6.922 min Scan# 669
Delta R.T. 0.006 min
Lab File: BP020991.D
Acq: 16 Jul 2024 15:05

Tgt Ion: 94 Resp: 294975
Ion Ratio Lower Upper
94 100
65 28.4 23.4 35.0
66 40.0 33.9 50.9

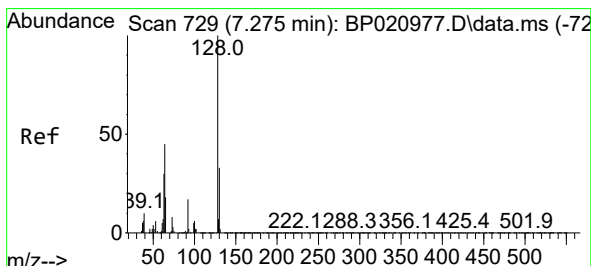
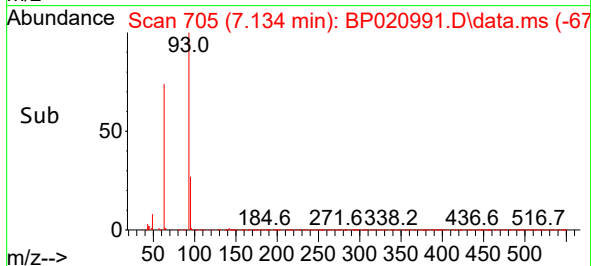
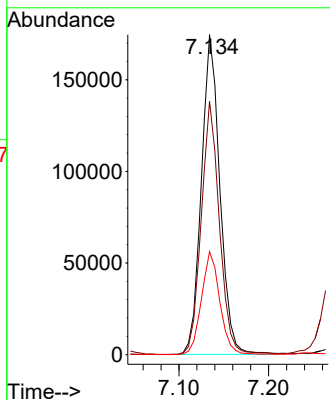
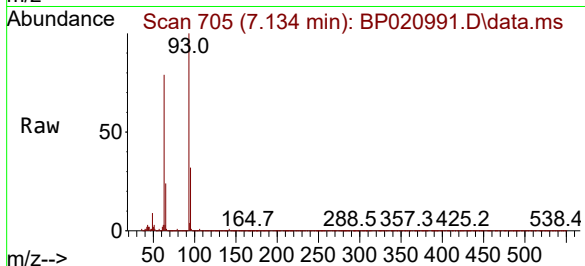




#10
 Bis(2-Chloroethyl)ether
 Concen: 19.596 ng/ul
 RT: 7.134 min Scan# 705
 Delta R.T. 0.006 min
 Lab File: BP020991.D
 Acq: 16 Jul 2024 15:05

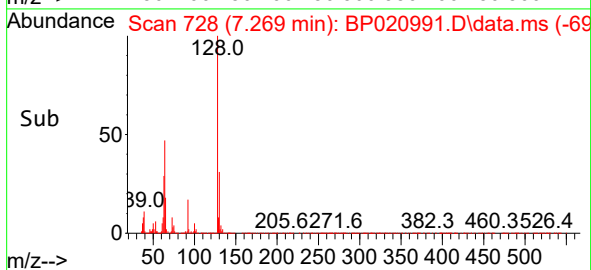
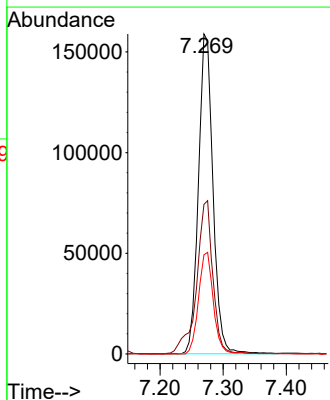
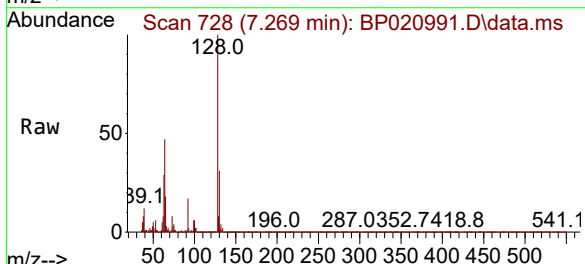
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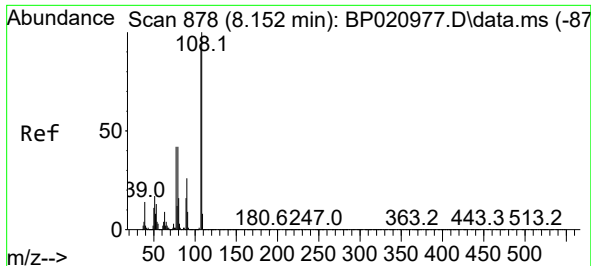
Tgt Ion:	93	Resp:	250384
Ion	Ratio	Lower	Upper
93	100		
63	79.2	61.5	92.3
95	32.2	25.1	37.7



#12
 2-Chlorophenol
 Concen: 20.121 ng/ul
 RT: 7.269 min Scan# 728
 Delta R.T. -0.000 min
 Lab File: BP020991.D
 Acq: 16 Jul 2024 15:05

Tgt Ion:	128	Resp:	253975
Ion	Ratio	Lower	Upper
128	100		
64	46.7	37.9	56.9
130	31.0	25.6	38.4

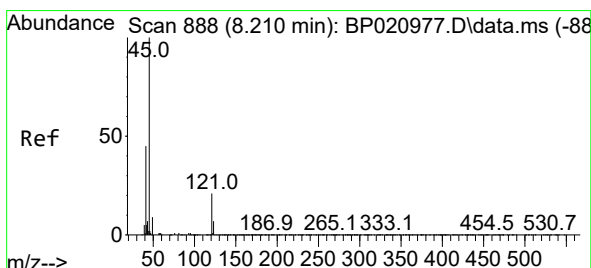
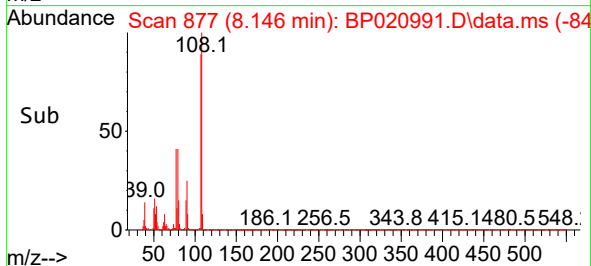
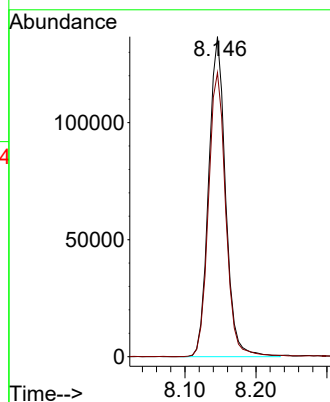
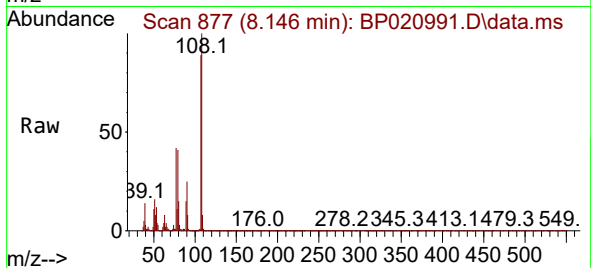




#13
2-Methylphenol
Concen: 18.940 ng/ul
RT: 8.146 min Scan# 81
Delta R.T. 0.012 min
Lab File: BP020991.D
Acq: 16 Jul 2024 15:05

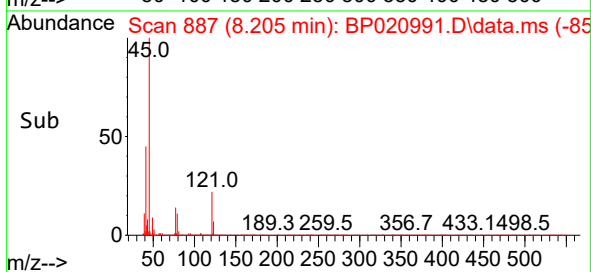
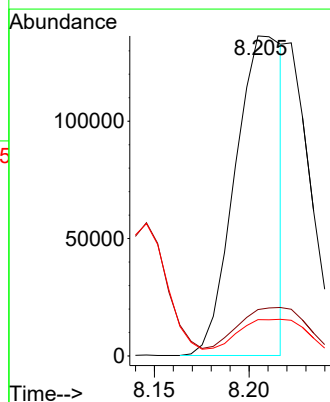
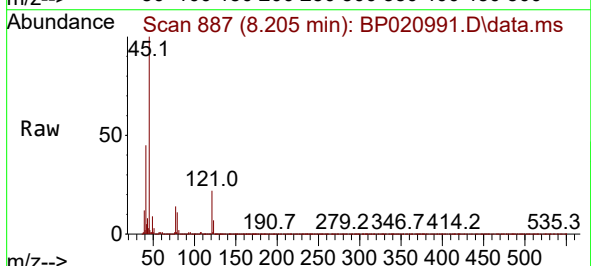
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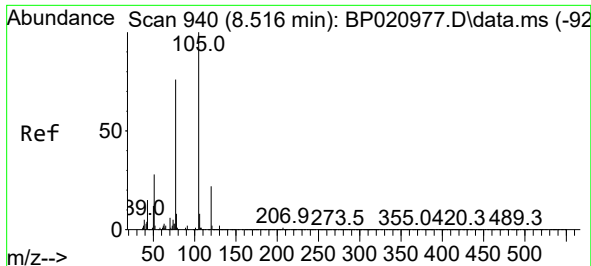
Tgt Ion:108 Resp: 226561
Ion Ratio Lower Upper
108 100
107 88.8 73.8 110.8



#14
2,2'-oxybis(1-Chloropropane)
Concen: 12.726 ng/ul
RT: 8.205 min Scan# 887
Delta R.T. -0.000 min
Lab File: BP020991.D
Acq: 16 Jul 2024 15:05

Tgt Ion: 45 Resp: 234920
Ion Ratio Lower Upper
45 100
77 14.5 10.9 16.3
79 11.4 8.1 12.1

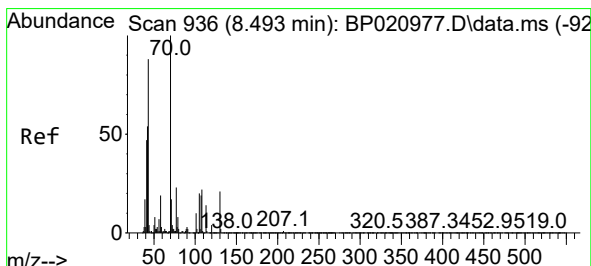
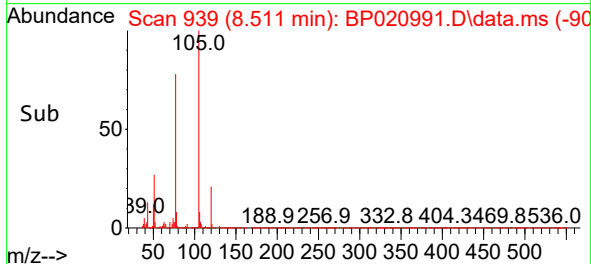
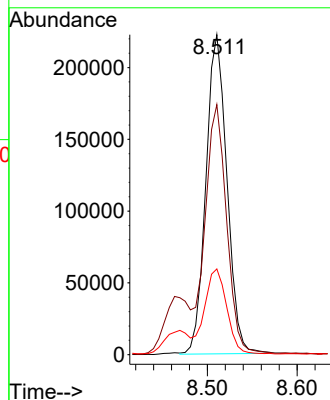
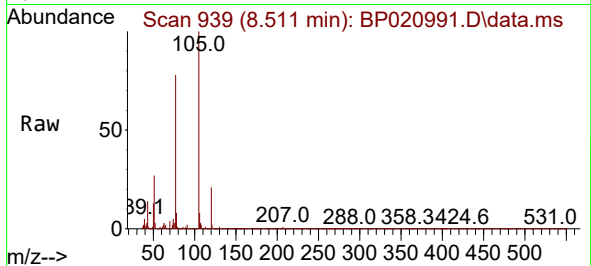




#16
Acetophenone
Concen: 18.469 ng/ul
RT: 8.511 min Scan# 91
Delta R.T. 0.012 min
Lab File: BP020991.D
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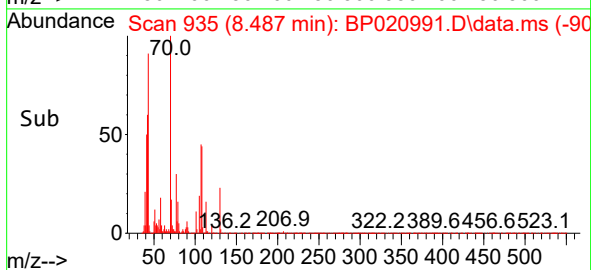
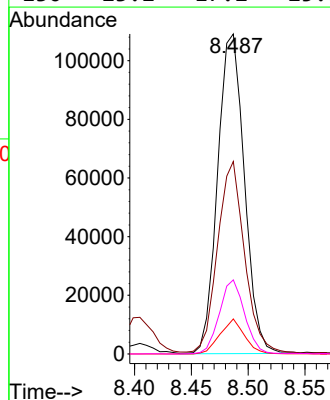
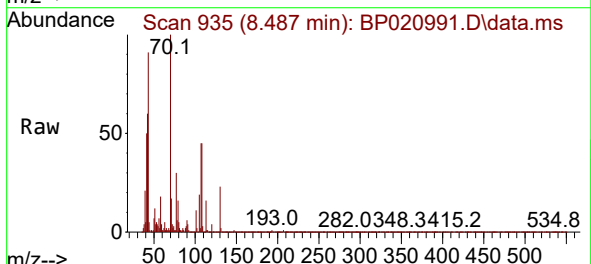
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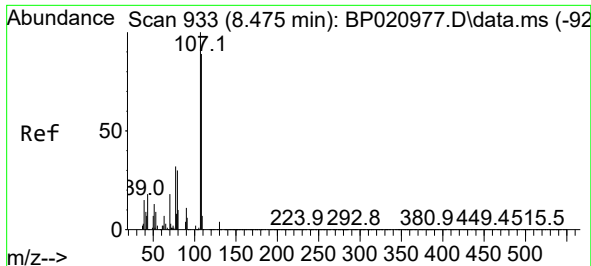
Tgt Ion:105 Resp: 361885
Ion Ratio Lower Upper
105 100
77 78.2 61.8 92.8
51 26.8 21.5 32.3



#17
N-Nitroso-di-n-propylamine
Concen: 17.408 ng/ul
RT: 8.487 min Scan# 935
Delta R.T. 0.006 min
Lab File: BP020991.D
Acq: 16 Jul 2024 15:05

Tgt Ion: 70 Resp: 178720
Ion Ratio Lower Upper
70 100
42 60.2 46.6 69.8
101 10.9 7.4 11.0
130 23.2 17.2 25.8

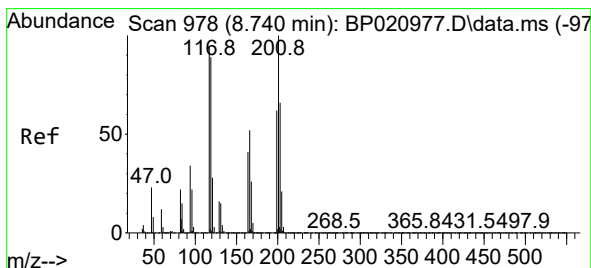
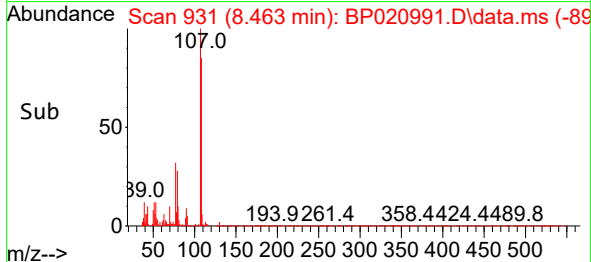
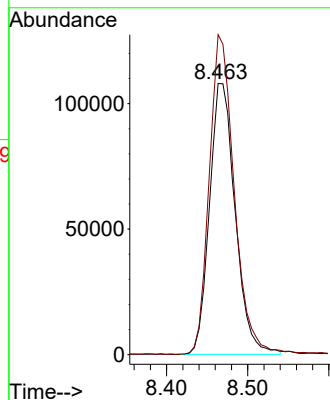
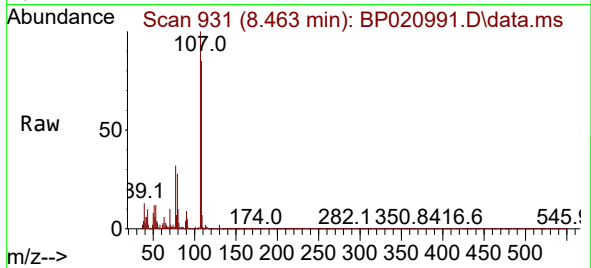




#18
4-Methylphenol
Concen: 18.486 ng/ul
RT: 8.463 min Scan# 911
Delta R.T. 0.006 min
Lab File: BP020991.D
Acq: 16 Jul 2024 15:05

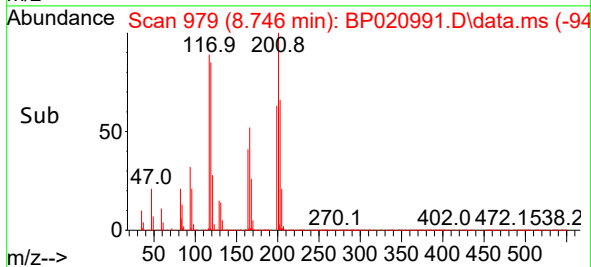
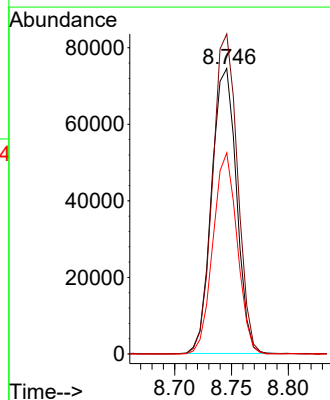
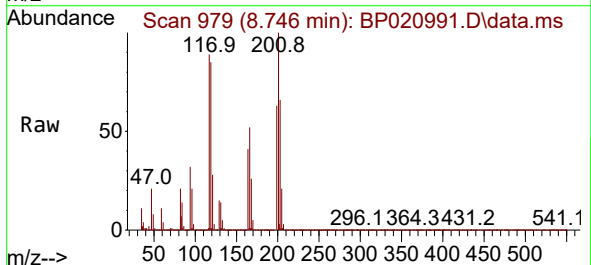
Instrument :
BNA_P
ClientSampleId :
SSTD020689

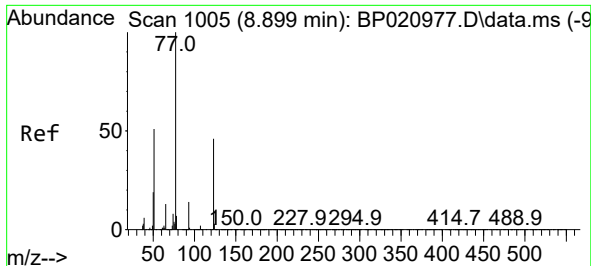
Tgt Ion:108 Resp: 236898
Ion Ratio Lower Upper
108 100
107 118.0 87.8 131.8



#19
Hexachloroethane
Concen: 20.008 ng/ul
RT: 8.746 min Scan# 979
Delta R.T. 0.006 min
Lab File: BP020991.D
Acq: 16 Jul 2024 15:05

Tgt Ion:117 Resp: 113485
Ion Ratio Lower Upper
117 100
201 112.1 88.2 132.2
199 70.5 55.8 83.6

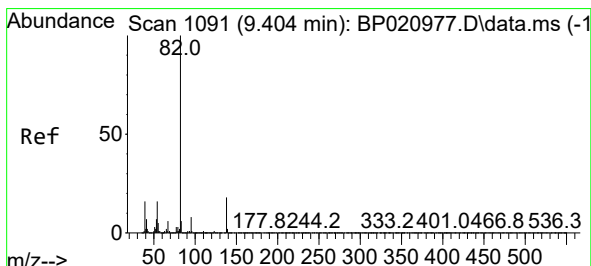
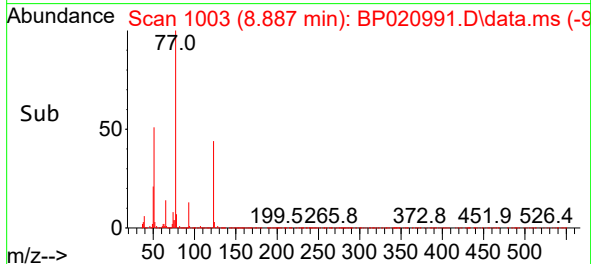
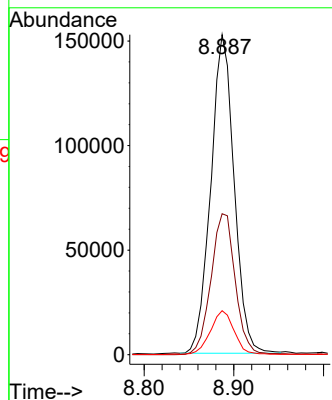
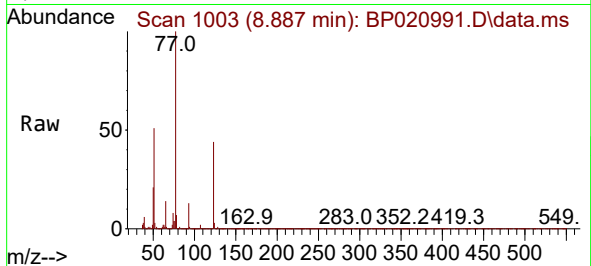




#22
Nitrobenzene
Concen: 21.346 ng/ul
RT: 8.887 min Scan# 1003
Delta R.T. 0.018 min
Lab File: BP020991.D
Acq: 16 Jul 2024 15:05

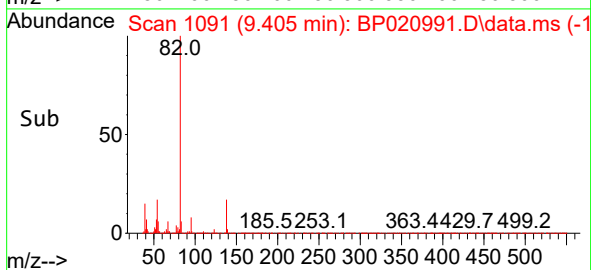
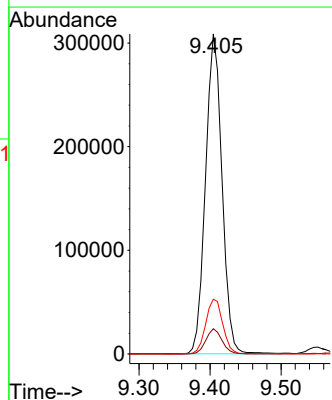
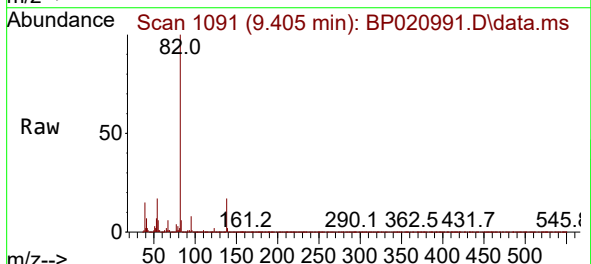
Instrument :
BNA_P
ClientSampleId :
SSTD020689

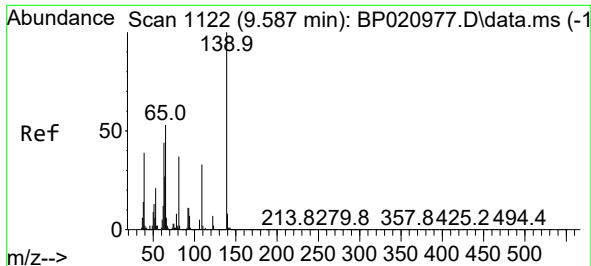
Tgt Ion: 77 Resp: 275372
Ion Ratio Lower Upper
77 100
123 44.0 36.7 55.1
65 13.8 11.1 16.7



#23
Isophorone
Concen: 19.449 ng/ul
RT: 9.405 min Scan# 1091
Delta R.T. 0.012 min
Lab File: BP020991.D
Acq: 16 Jul 2024 15:05

Tgt Ion: 82 Resp: 498790
Ion Ratio Lower Upper
82 100
95 7.9 6.1 9.1
138 17.1 14.4 21.6

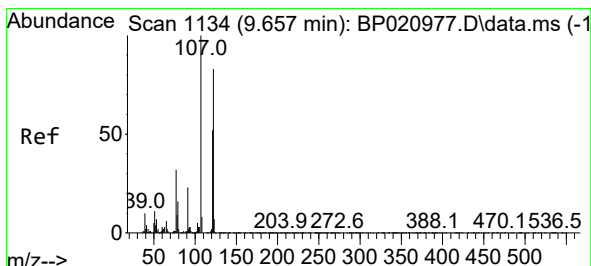
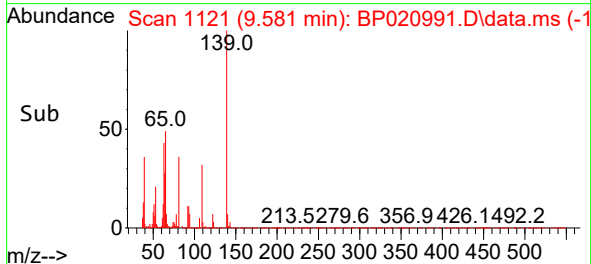
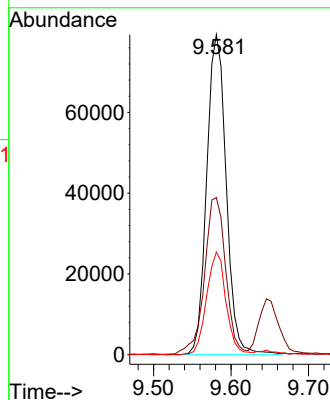
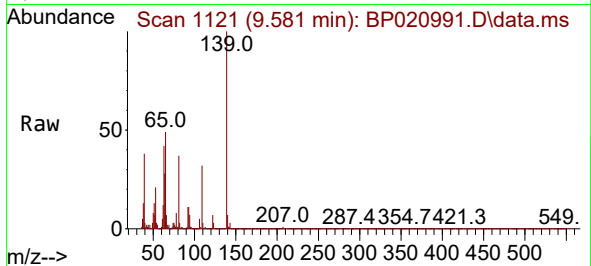




#25
2-Nitrophenol
Concen: 21.525 ng/ul
RT: 9.581 min Scan# 1122
Delta R.T. 0.006 min
Lab File: BP020991.D
Acq: 16 Jul 2024 15:05

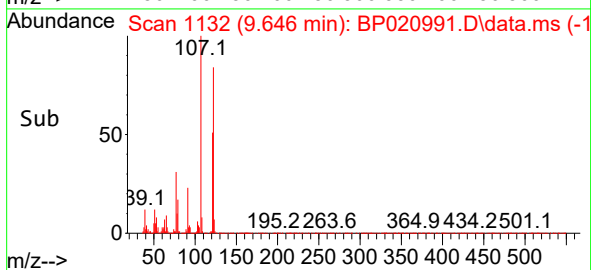
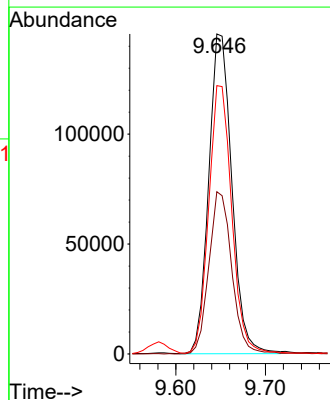
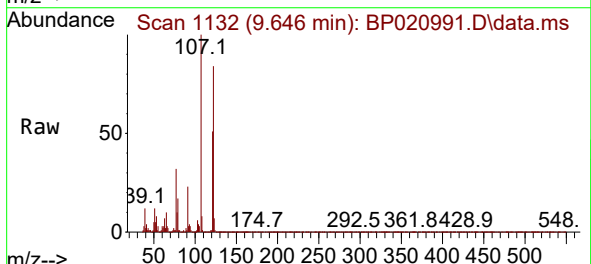
Instrument :
BNA_P
ClientSampleId :
SSTD020689

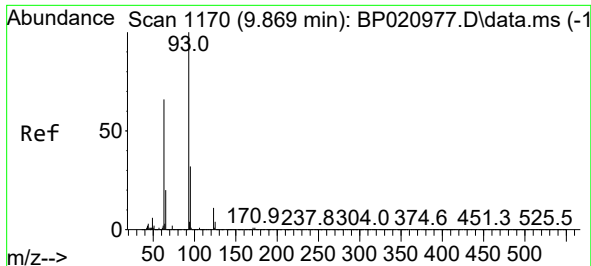
Tgt Ion:139 Resp: 138371
Ion Ratio Lower Upper
139 100
65 49.1 42.9 64.3
109 32.1 26.2 39.4



#26
2,4-Dimethylphenol
Concen: 20.567 ng/ul
RT: 9.646 min Scan# 1132
Delta R.T. 0.006 min
Lab File: BP020991.D
Acq: 16 Jul 2024 15:05

Tgt Ion:107 Resp: 260718
Ion Ratio Lower Upper
107 100
121 50.7 39.6 59.4
122 83.8 66.3 99.5

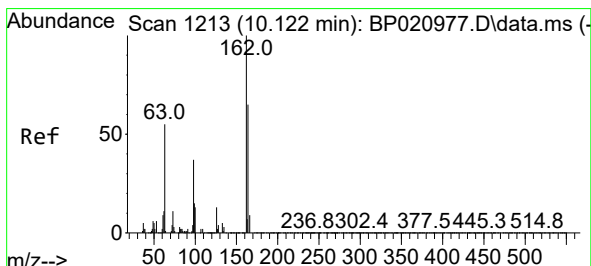
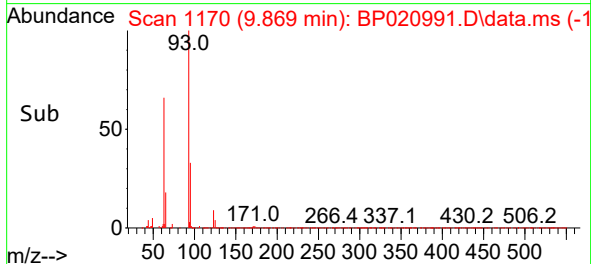
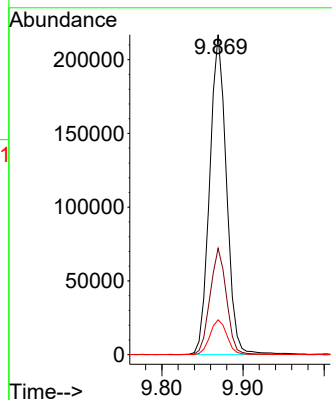
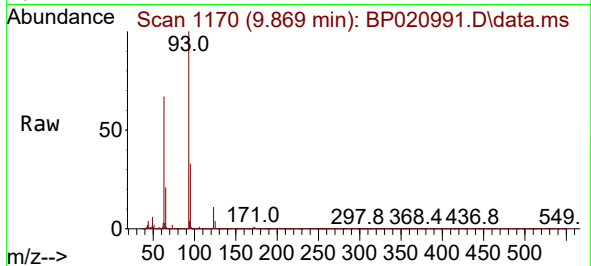




#27
Bis(2-Chloroethoxy)methane
Concen: 19.942 ng/ul
RT: 9.869 min Scan# 1170
Delta R.T. 0.006 min
Lab File: BP020991.D
Acq: 16 Jul 2024 15:05

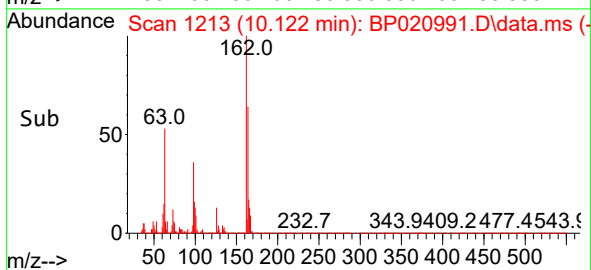
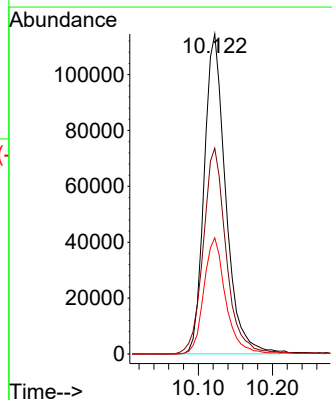
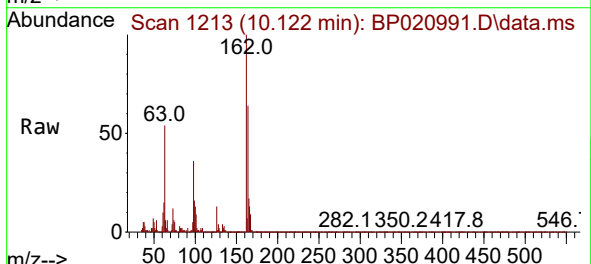
Instrument :
BNA_P
ClientSampleId :
SSTD020689

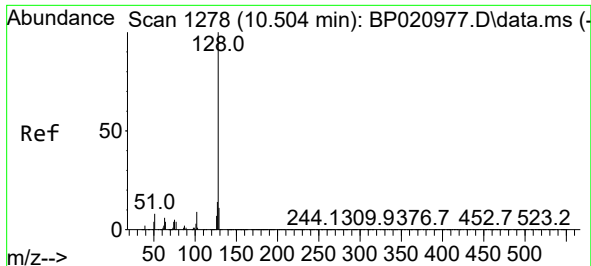
Tgt Ion: 93 Resp: 310865
Ion Ratio Lower Upper
93 100
95 33.2 25.5 38.3
123 10.9 9.0 13.4



#29
2,4-Dichlorophenol
Concen: 20.996 ng/ul
RT: 10.122 min Scan# 1213
Delta R.T. 0.012 min
Lab File: BP020991.D
Acq: 16 Jul 2024 15:05

Tgt Ion:162 Resp: 230619
Ion Ratio Lower Upper
162 100
164 64.3 53.3 79.9
98 36.3 28.7 43.1

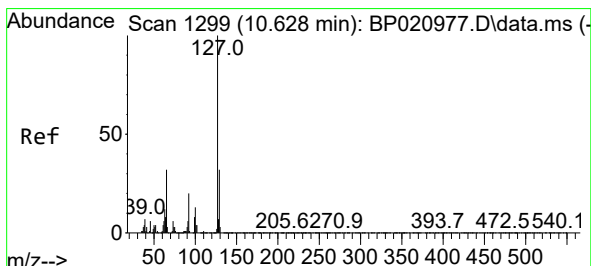
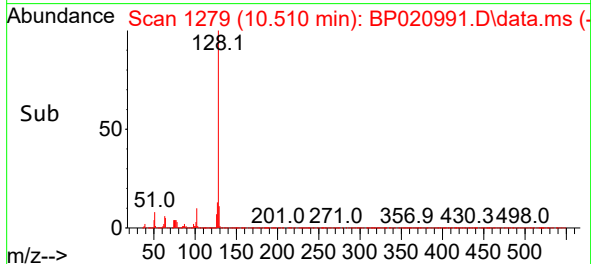
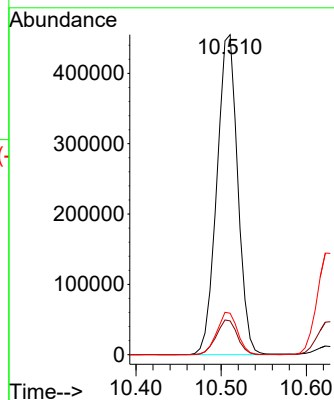
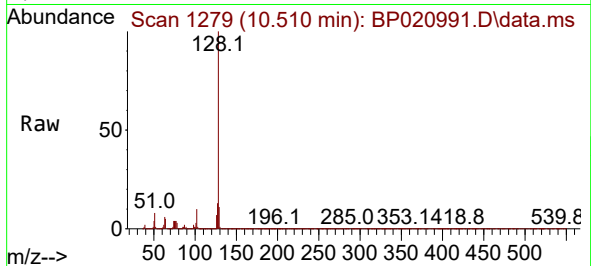




#30
Naphthalene
Concen: 21.223 ng/ul
RT: 10.510 min Scan# 1279
Delta R.T. 0.012 min
Lab File: BP020991.D
Acq: 16 Jul 2024 15:05

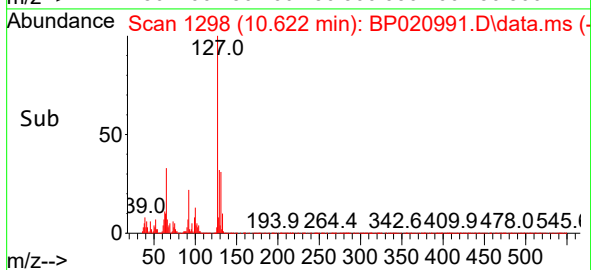
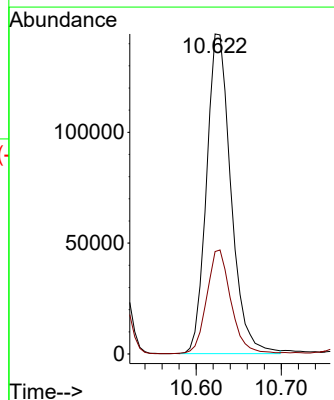
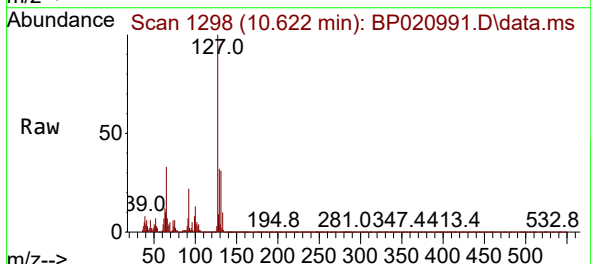
Instrument :
BNA_P
ClientSampleId :
SSTD020689

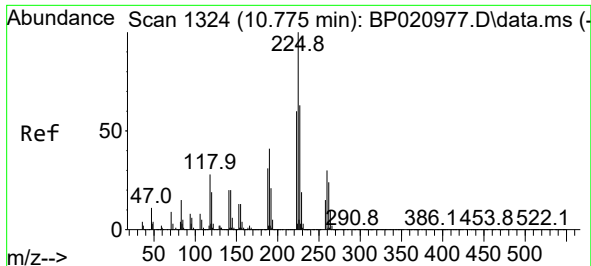
Tgt Ion:128 Resp: 773997
Ion Ratio Lower Upper
128 100
129 10.6 8.6 13.0
127 12.9 10.8 16.2



#32
4-Chloroaniline
Concen: 20.378 ng/ul
RT: 10.622 min Scan# 1298
Delta R.T. 0.012 min
Lab File: BP020991.D
Acq: 16 Jul 2024 15:05

Tgt Ion:127 Resp: 287307
Ion Ratio Lower Upper
127 100
129 32.0 26.1 39.1

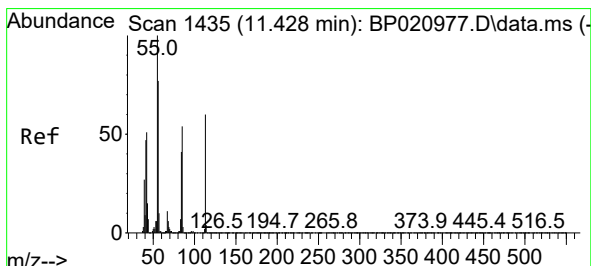
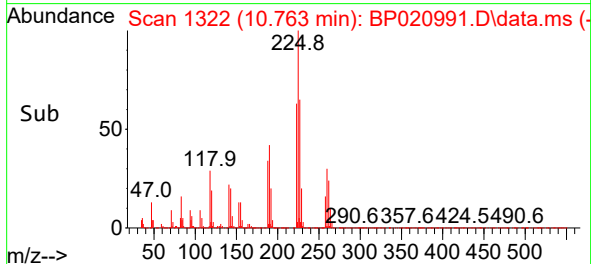
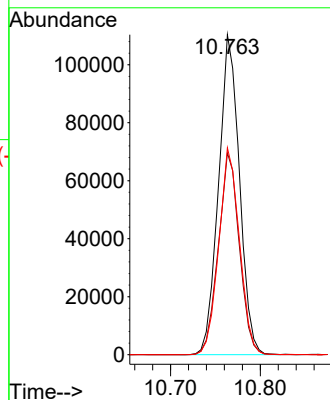
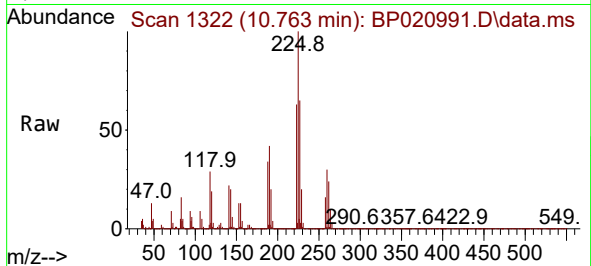




#33
Hexachlorobutadiene
Concen: 21.624 ng/ul
RT: 10.763 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP020991.D
Acq: 16 Jul 2024 15:05

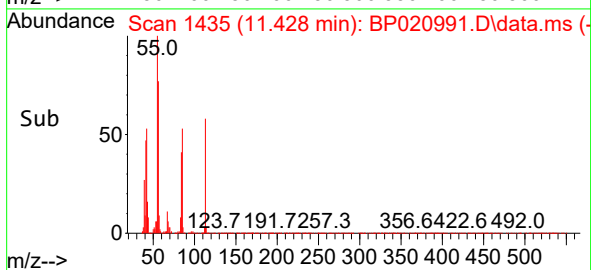
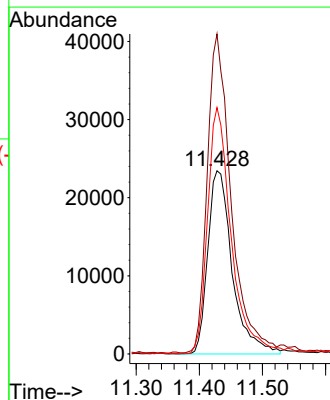
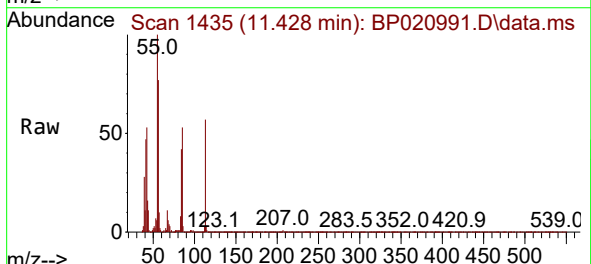
Instrument :
BNA_P
ClientSampleId :
SSTD020689

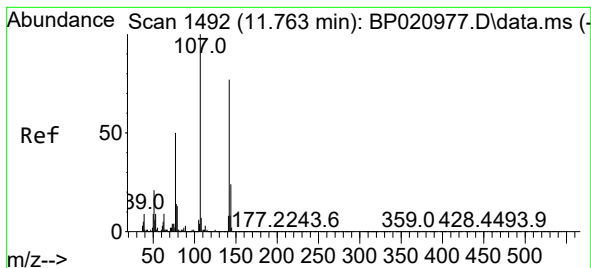
Tgt Ion:225 Resp: 178091
Ion Ratio Lower Upper
225 100
223 63.1 50.2 75.2
227 64.6 50.6 75.8



#34
Caprolactam
Concen: 18.670 ng/ul
RT: 11.428 min Scan# 1435
Delta R.T. 0.006 min
Lab File: BP020991.D
Acq: 16 Jul 2024 15:05

Tgt Ion:113 Resp: 63174
Ion Ratio Lower Upper
113 100
55 174.6 140.2 210.4
56 134.5 105.5 158.3

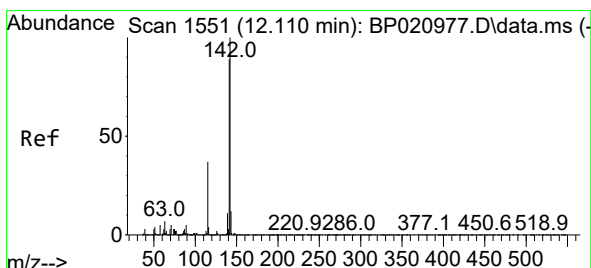
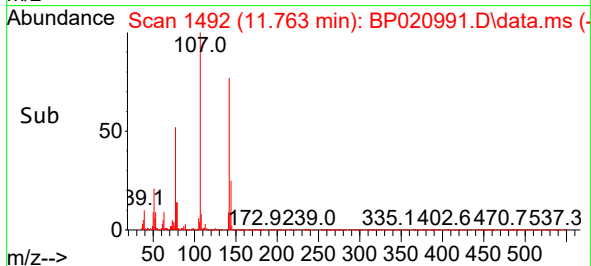
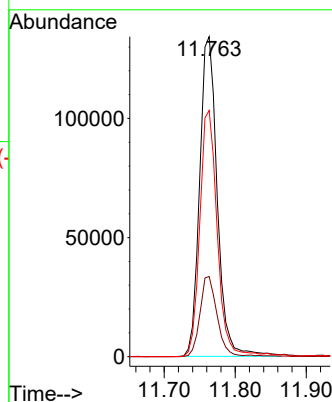
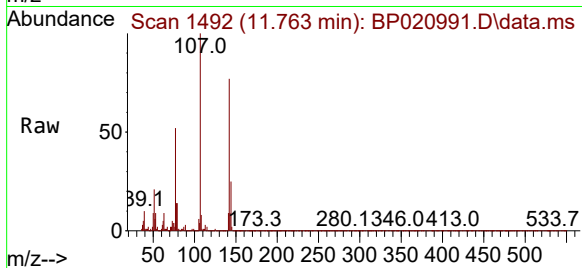




#35
4-Chloro-3-methylphenol
Concen: 19.454 ng/ul
RT: 11.763 min Scan# 1492
Delta R.T. 0.012 min
Lab File: BP020991.D
Acq: 16 Jul 2024 15:05

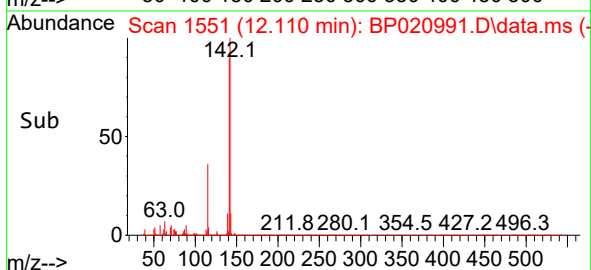
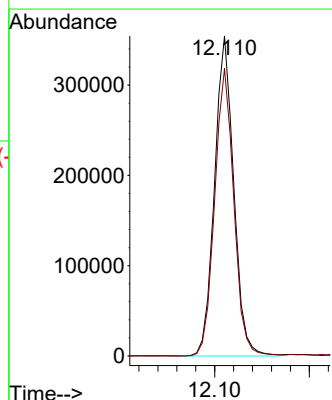
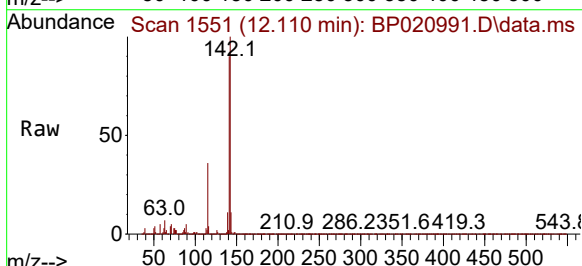
Instrument :
BNA_P
ClientSampleId :
SSTD020689

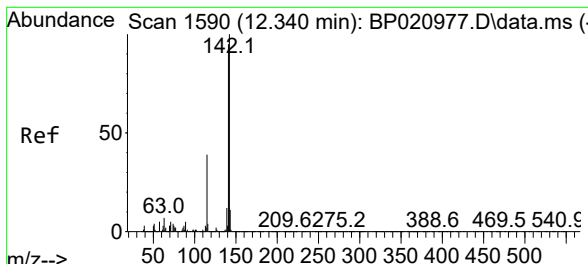
Tgt Ion:107 Resp: 232272
Ion Ratio Lower Upper
107 100
144 25.0 19.3 28.9
142 76.9 60.7 91.1



#36
2-Methylnaphthalene
Concen: 19.891 ng/ul
RT: 12.110 min Scan# 1551
Delta R.T. 0.006 min
Lab File: BP020991.D
Acq: 16 Jul 2024 15:05

Tgt Ion:142 Resp: 497955
Ion Ratio Lower Upper
142 100
141 89.8 72.6 108.8

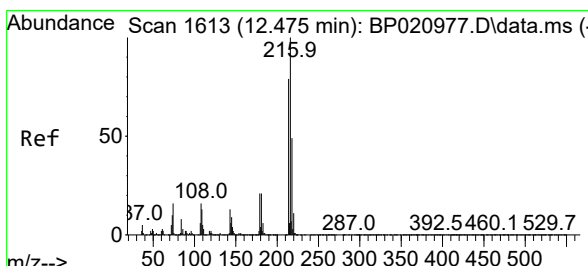
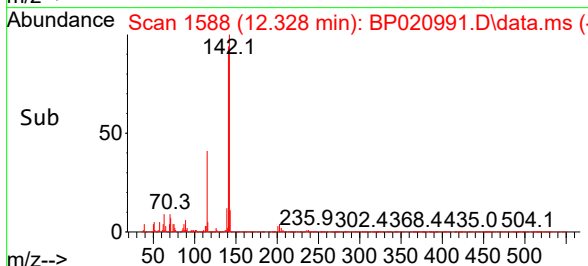
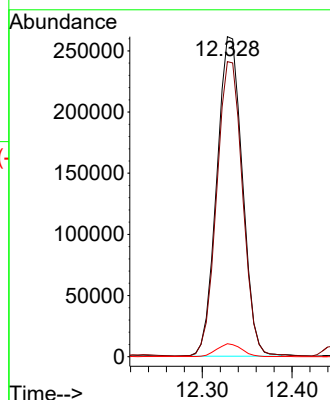
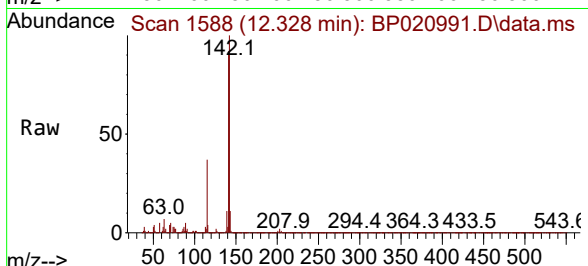




#37
1-Methylnaphthalene
Concen: 20.092 ng/ul
RT: 12.328 min Scan# 1588
Delta R.T. 0.006 min
Lab File: BP020991.D
Acq: 16 Jul 2024 15:05

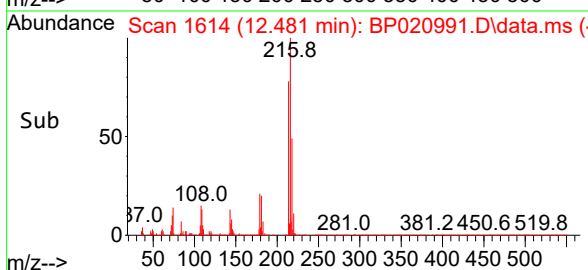
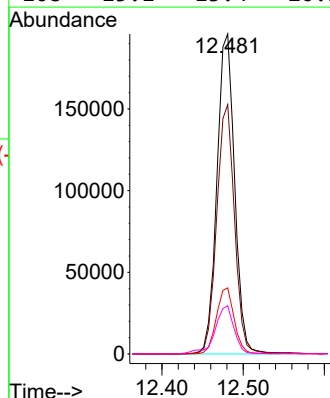
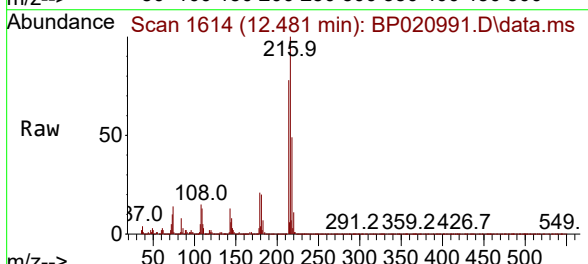
Instrument :
BNA_P
ClientSampleId :
SSTD020689

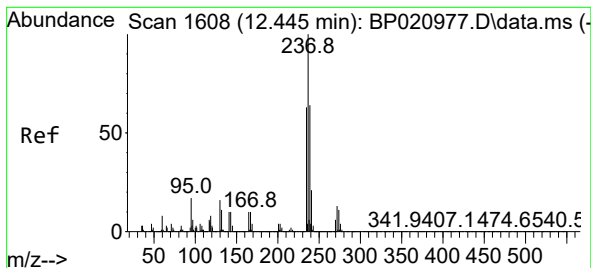
Tgt Ion:142 Resp: 517314
Ion Ratio Lower Upper
142 100
141 92.2 75.0 112.6
116 4.0 3.2 4.8



#39
1,2,4,5-Tetrachlorobenzene
Concen: 22.105 ng/ul
RT: 12.481 min Scan# 1614
Delta R.T. 0.006 min
Lab File: BP020991.D
Acq: 16 Jul 2024 15:05

Tgt Ion:216 Resp: 297556
Ion Ratio Lower Upper
216 100
214 77.9 64.2 96.4
179 20.7 16.6 24.8
108 15.1 13.4 20.2





#40

Hexachlorocyclopentadiene

Concen: 14.313 ng/ul

RT: 12.446 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP020991.D

Acq: 16 Jul 2024 15:05

Instrument :

BNA_P

ClientSampleId :

SSTD020689

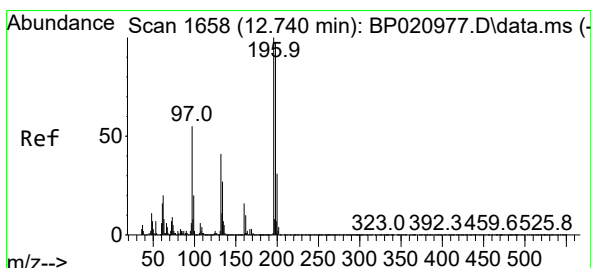
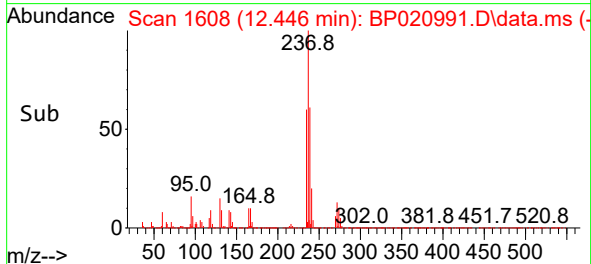
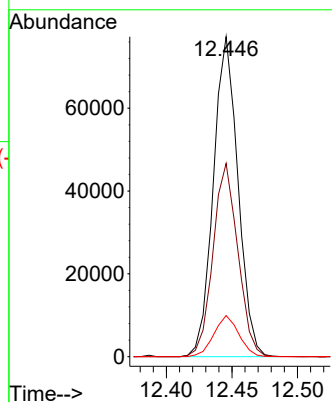
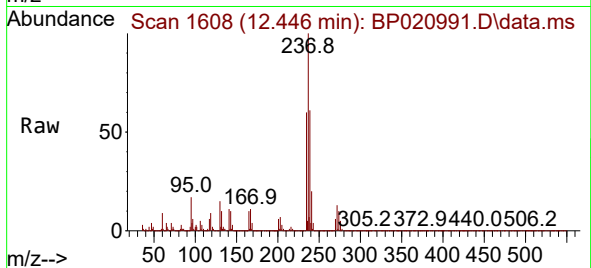
Tgt Ion:237 Resp: 100793

Ion Ratio Lower Upper

237 100

235 60.4 49.7 74.5

272 12.9 10.2 15.2



#41

2,4,6-Trichlorophenol

Concen: 21.185 ng/ul

RT: 12.740 min Scan# 1658

Delta R.T. 0.006 min

Lab File: BP020991.D

Acq: 16 Jul 2024 15:05

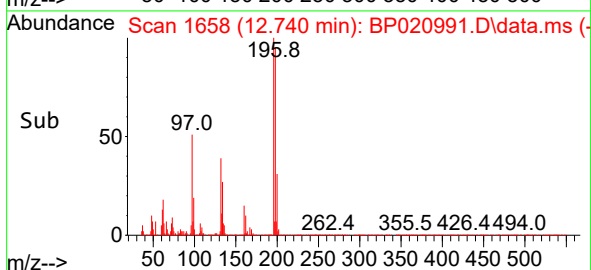
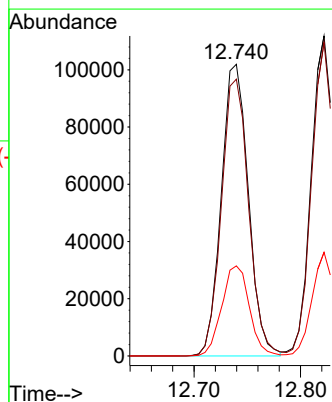
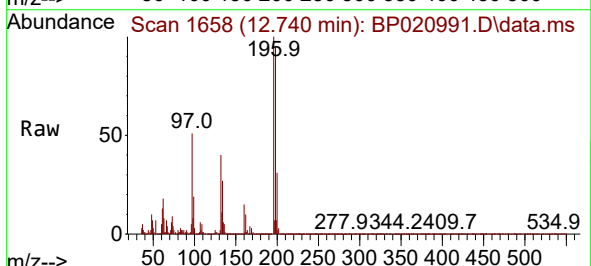
Tgt Ion:196 Resp: 180198

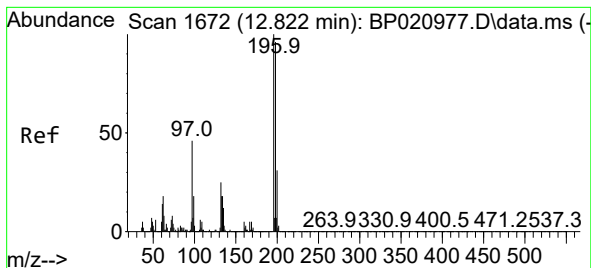
Ion Ratio Lower Upper

196 100

198 94.9 76.6 115.0

200 30.9 26.0 39.0





#42

2,4,5-Trichlorophenol

Concen: 20.843 ng/ul

RT: 12.822 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP020991.D

Acq: 16 Jul 2024 15:05

Instrument :

BNA_P

ClientSampleId :

SSTD020689

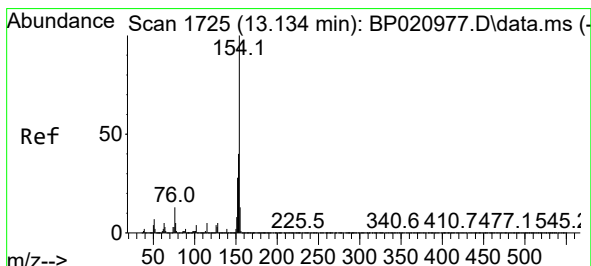
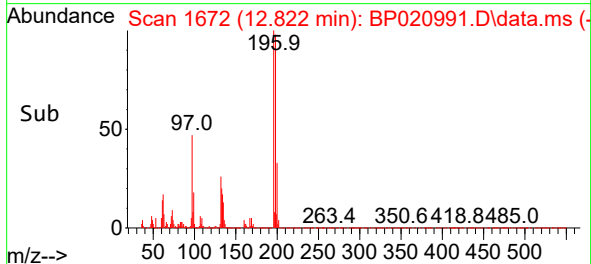
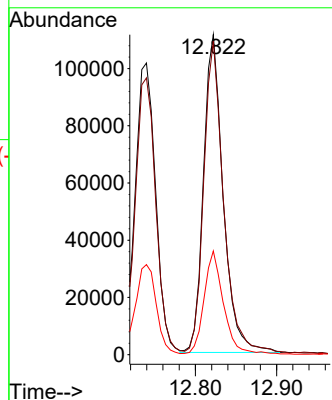
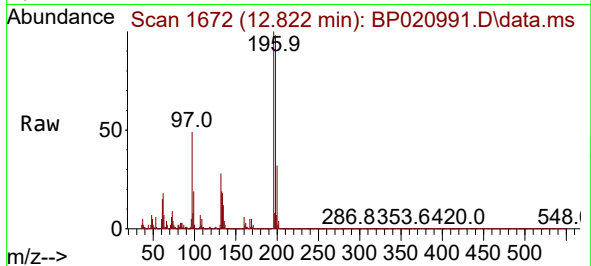
Tgt Ion:196 Resp: 187582

Ion Ratio Lower Upper

196 100

198 98.0 77.1 115.7

200 32.4 25.3 37.9



#43

1,1'-Biphenyl

Concen: 21.593 ng/ul

RT: 13.134 min Scan# 1725

Delta R.T. -0.000 min

Lab File: BP020991.D

Acq: 16 Jul 2024 15:05

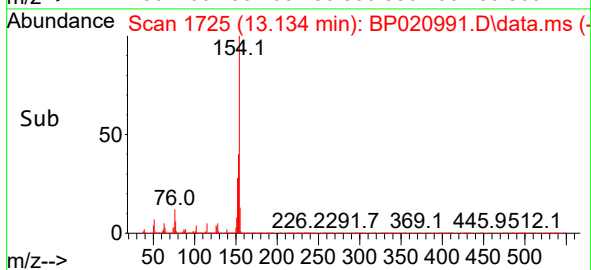
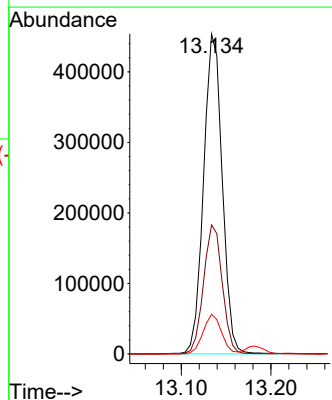
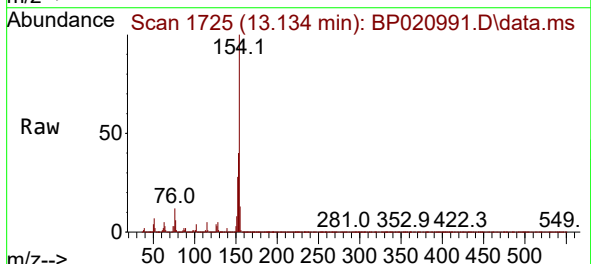
Tgt Ion:154 Resp: 654117

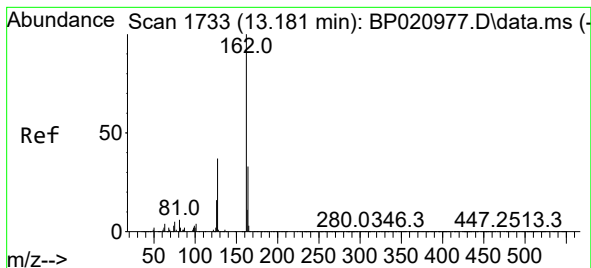
Ion Ratio Lower Upper

154 100

153 40.3 32.7 49.1

76 12.4 9.4 14.2

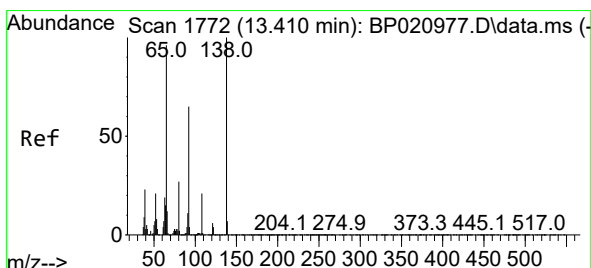
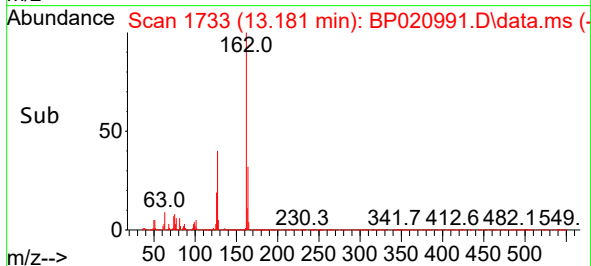
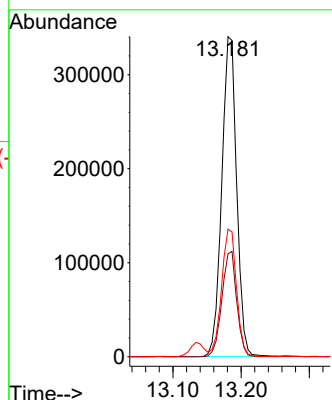
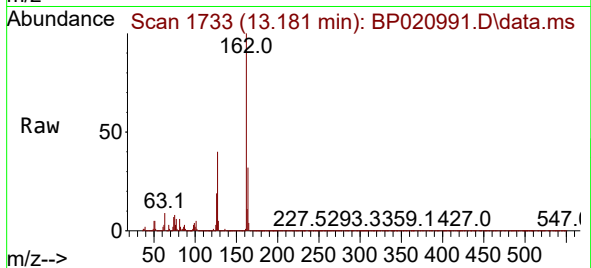




#44
2-Chloronaphthalene
Concen: 21.454 ng/ul
RT: 13.181 min Scan# 1733
Delta R.T. 0.006 min
Lab File: BP020991.D
Acq: 16 Jul 2024 15:05

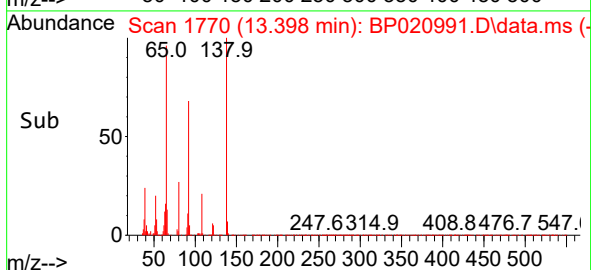
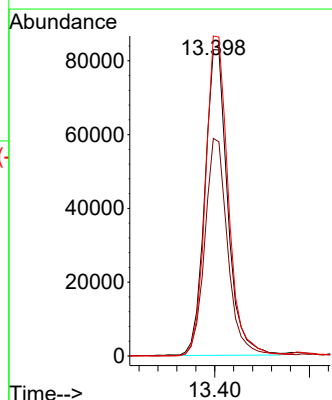
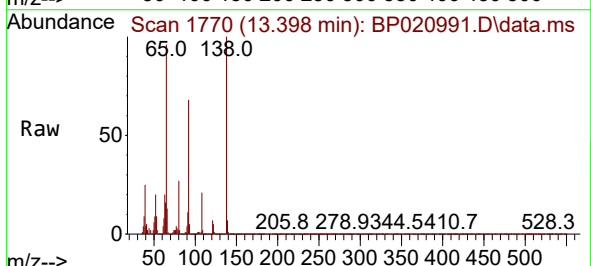
Instrument :
BNA_P
ClientSampleId :
SSTD020689

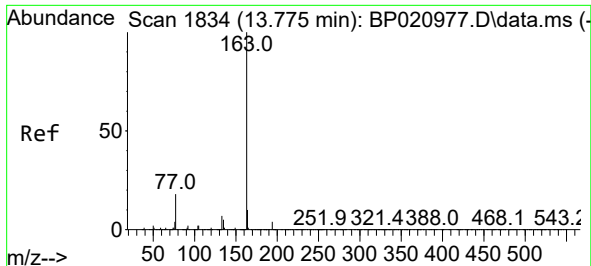
Tgt Ion:162 Resp: 518820
Ion Ratio Lower Upper
162 100
164 32.1 26.3 39.5
127 39.8 31.8 47.8



#45
2-Nitroaniline
Concen: 20.788 ng/ul
RT: 13.398 min Scan# 1770
Delta R.T. -0.000 min
Lab File: BP020991.D
Acq: 16 Jul 2024 15:05

Tgt Ion: 65 Resp: 139024
Ion Ratio Lower Upper
65 100
92 71.1 56.7 85.1
138 104.5 85.6 128.4

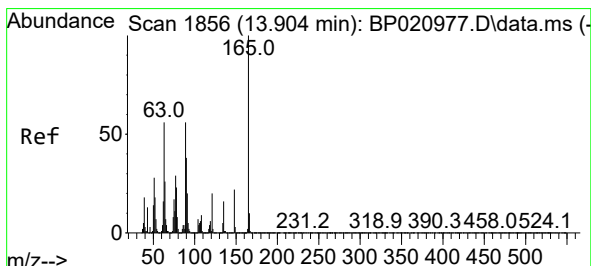
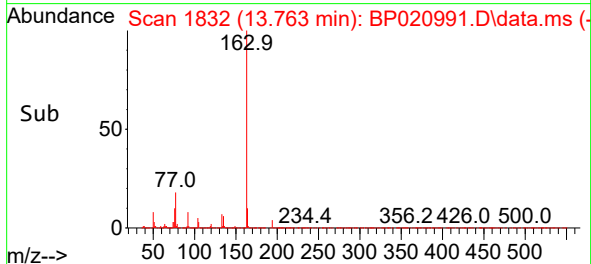
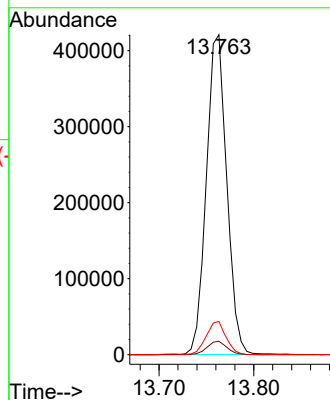
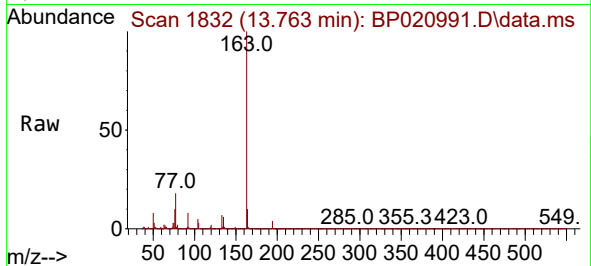




#47
Dimethylphthalate
Concen: 20.574 ng/ul
RT: 13.763 min Scan# 1832
Delta R.T. 0.006 min
Lab File: BP020991.D
Acq: 16 Jul 2024 15:05

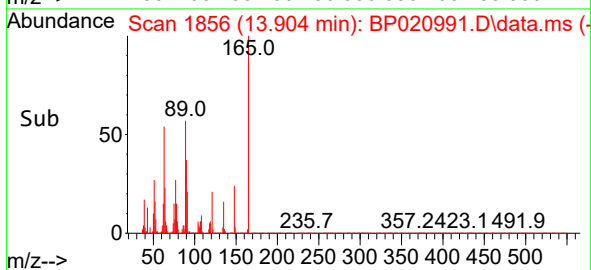
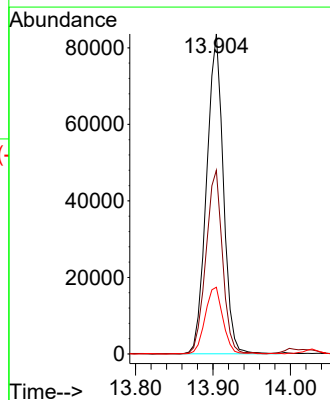
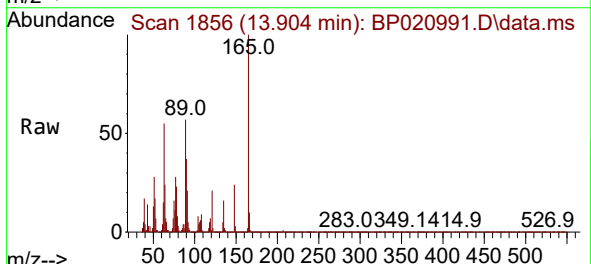
Instrument :
BNA_P
ClientSampleId :
SSTD020689

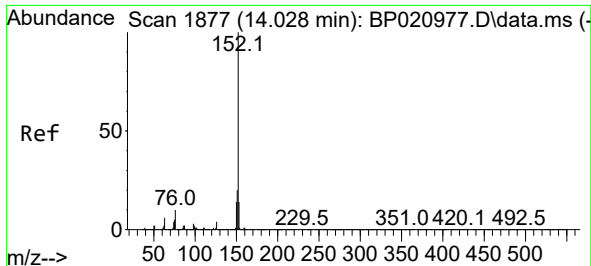
Tgt Ion:163 Resp: 629033
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.4 8.1 12.1



#48
2,6-Dinitrotoluene
Concen: 20.496 ng/ul
RT: 13.904 min Scan# 1856
Delta R.T. 0.012 min
Lab File: BP020991.D
Acq: 16 Jul 2024 15:05

Tgt Ion:165 Resp: 125284
Ion Ratio Lower Upper
165 100
89 57.4 44.7 67.1
121 20.8 16.5 24.7

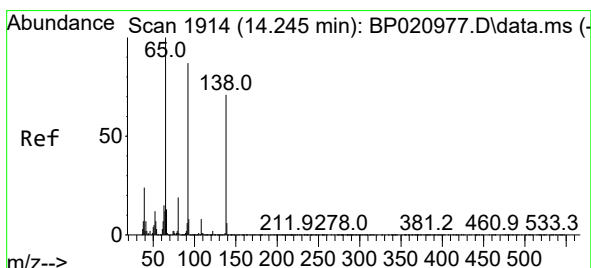
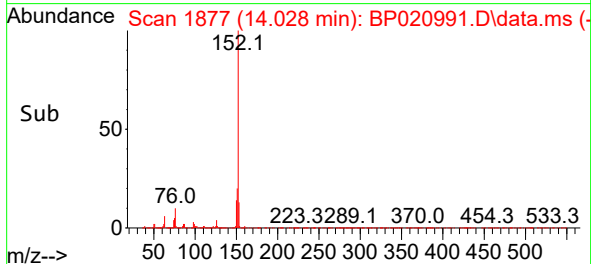
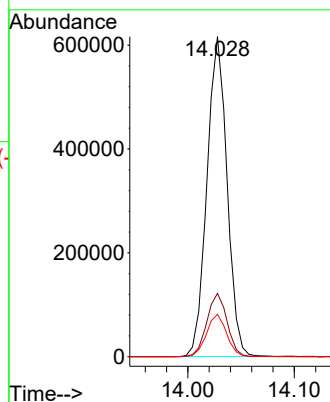
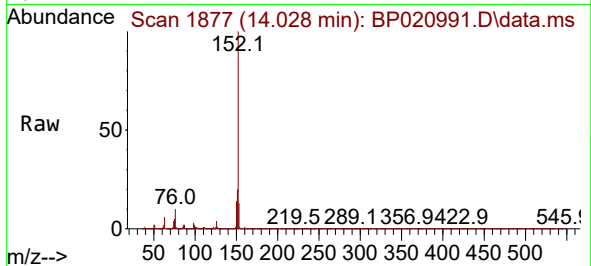




#50
Acenaphthylene
Concen: 21.138 ng/ul
RT: 14.028 min Scan# 1877
Delta R.T. -0.000 min
Lab File: BP020991.D
Acq: 16 Jul 2024 15:05

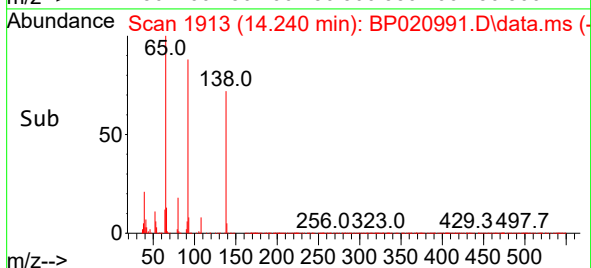
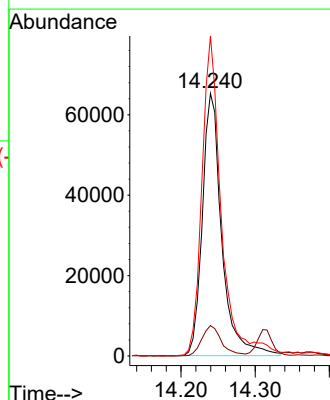
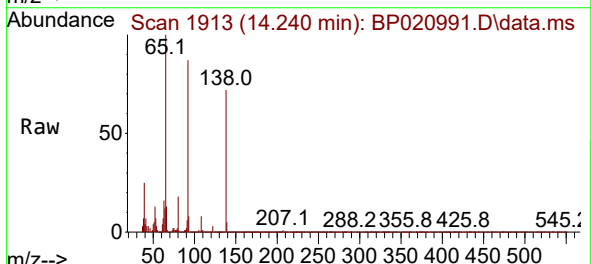
Instrument :
BNA_P
ClientSampleId :
SSTD020689

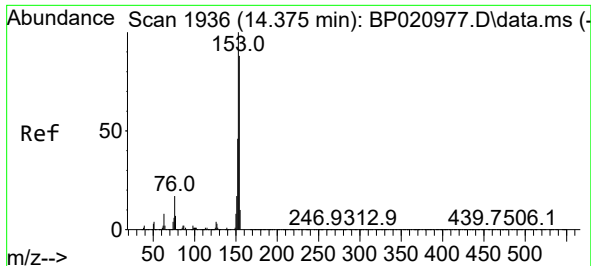
Tgt Ion:152 Resp: 809733
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.2
153 13.2 10.3 15.5



#51
3-Nitroaniline
Concen: 22.317 ng/ul
RT: 14.240 min Scan# 1913
Delta R.T. 0.006 min
Lab File: BP020991.D
Acq: 16 Jul 2024 15:05

Tgt Ion:138 Resp: 118708
Ion Ratio Lower Upper
138 100
108 11.6 9.8 14.8
92 121.9 98.0 147.0

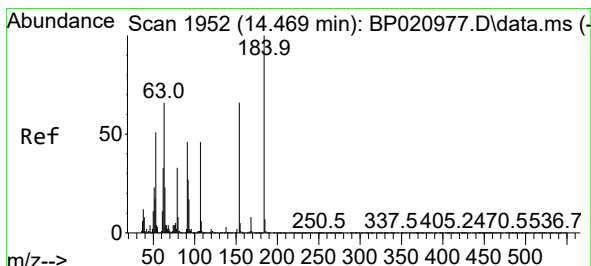
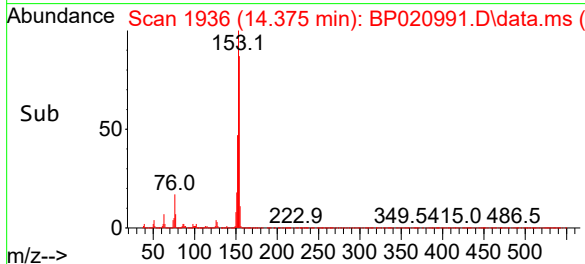
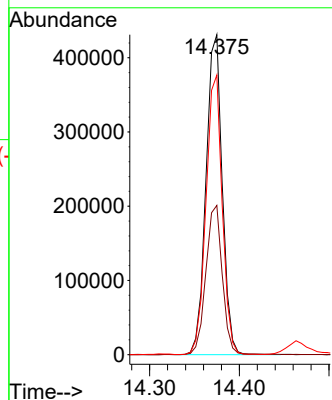
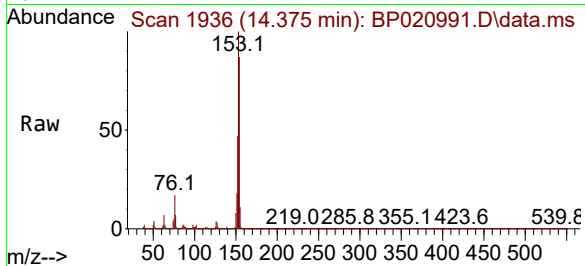




#52
Acenaphthene
Concen: 21.328 ng/ul
RT: 14.375 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BP020991.D
Acq: 16 Jul 2024 15:05

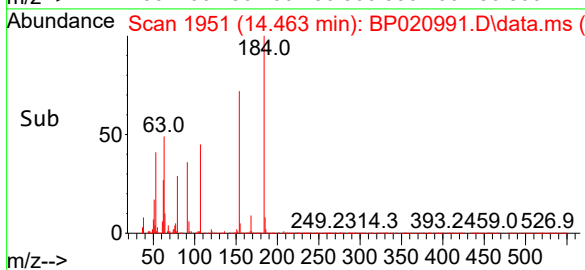
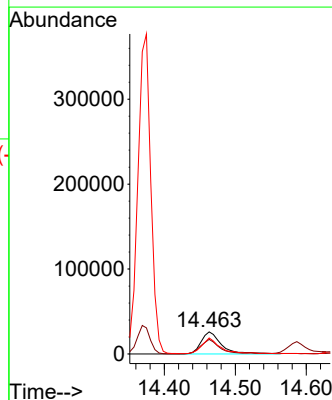
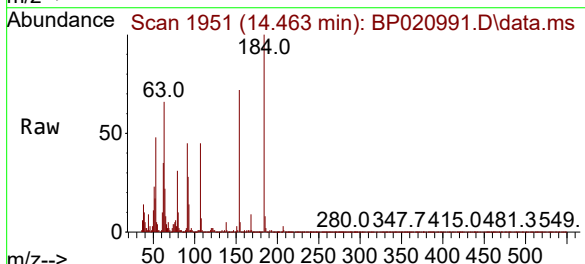
Instrument :
BNA_P
ClientSampleId :
SSTD020689

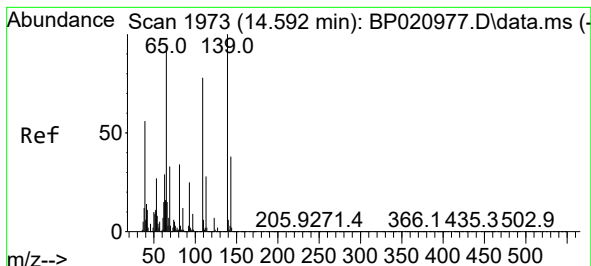
Tgt Ion:153 Resp: 542283
Ion Ratio Lower Upper
153 100
152 46.6 37.8 56.6
154 87.4 71.8 107.6



#53
2,4-Dinitrophenol
Concen: 16.017 ng/ul
RT: 14.463 min Scan# 1951
Delta R.T. 0.006 min
Lab File: BP020991.D
Acq: 16 Jul 2024 15:05

Tgt Ion:184 Resp: 51417
Ion Ratio Lower Upper
184 100
63 65.8 50.3 75.5
154 72.1 53.0 79.6

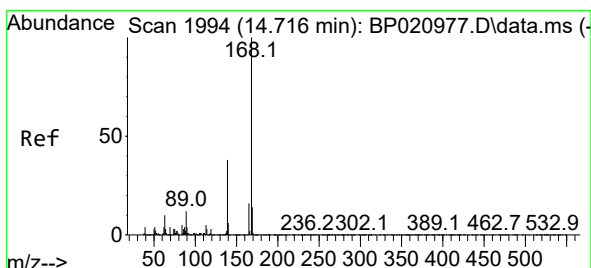
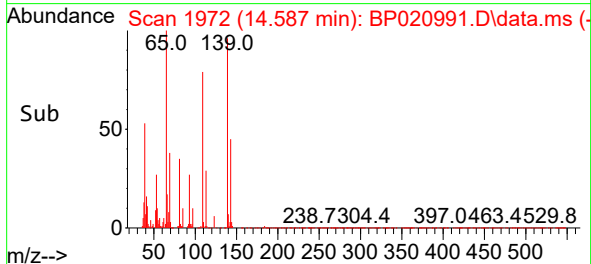
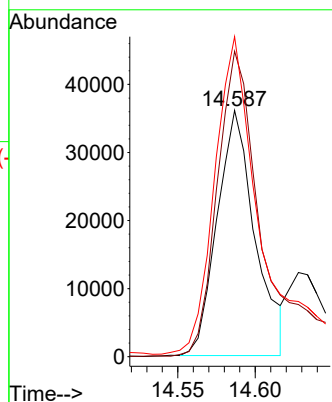
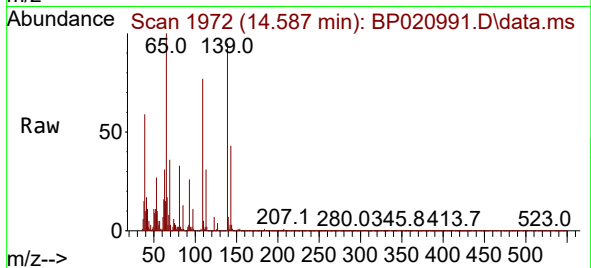




#55
4-Nitrophenol
Concen: 17.552 ng/ul
RT: 14.587 min Scan# 1972
Delta R.T. 0.006 min
Lab File: BP020991.D
Acq: 16 Jul 2024 15:05

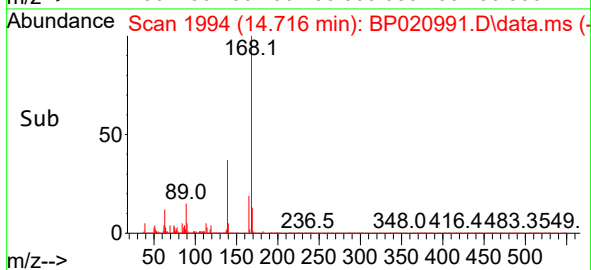
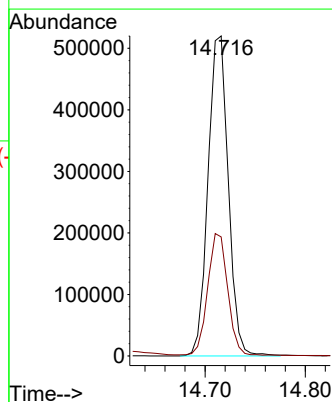
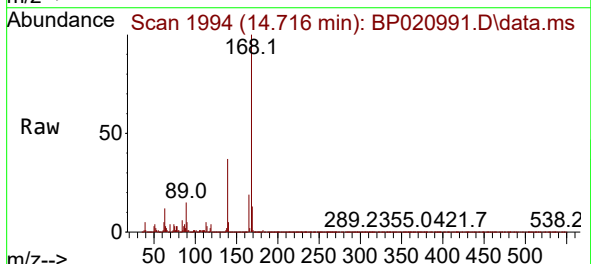
Instrument :
BNA_P
ClientSampleId :
SSTD020689

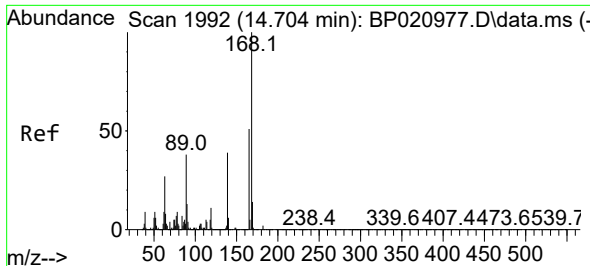
Tgt Ion:109 Resp: 61210
Ion Ratio Lower Upper
109 100
139 124.1 98.0 147.0
65 130.0 106.0 159.0



#56
Dibenzofuran
Concen: 20.953 ng/ul
RT: 14.716 min Scan# 1994
Delta R.T. 0.006 min
Lab File: BP020991.D
Acq: 16 Jul 2024 15:05

Tgt Ion:168 Resp: 729526
Ion Ratio Lower Upper
168 100
139 37.2 31.1 46.7





#57

2,4-Dinitrotoluene

Concen: 21.206 ng/ul

RT: 14.710 min Scan# 1992

Delta R.T. -0.000 min

Lab File: BP020991.D

Acq: 16 Jul 2024 15:05

Instrument :

BNA_P

ClientSampleId :

SSTD020689

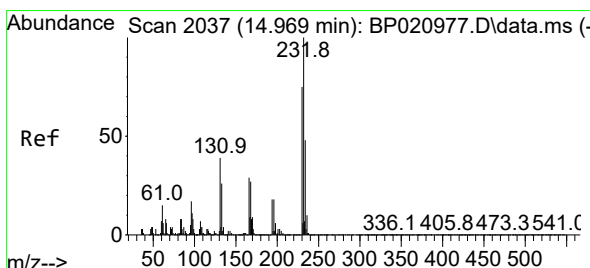
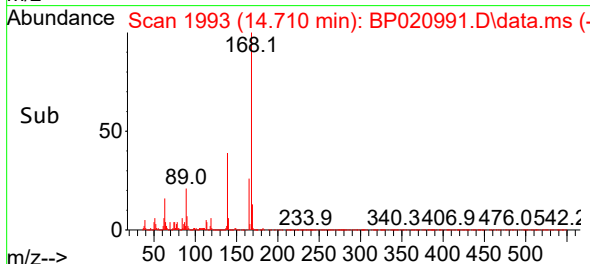
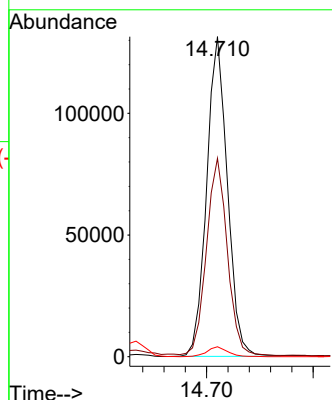
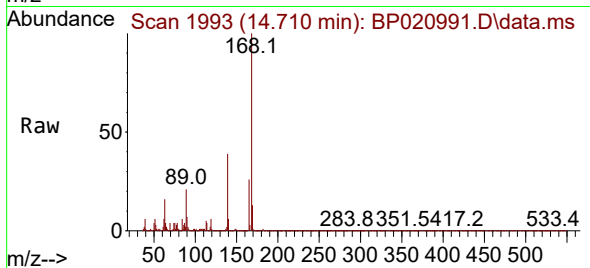
Tgt Ion:165 Resp: 177942

Ion Ratio Lower Upper

165 100

63 62.0 41.0 61.4#

182 3.1 2.2 3.4



#58

2,3,4,6-Tetrachlorophenol

Concen: 20.731 ng/ul

RT: 14.951 min Scan# 2034

Delta R.T. 0.006 min

Lab File: BP020991.D

Acq: 16 Jul 2024 15:05

Tgt Ion:232 Resp: 159765

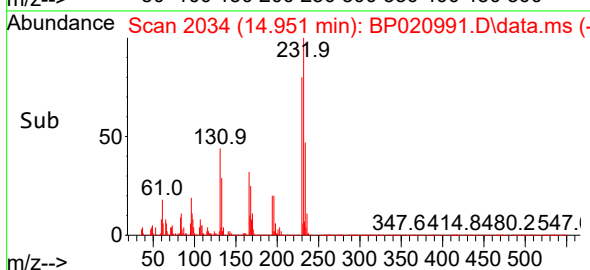
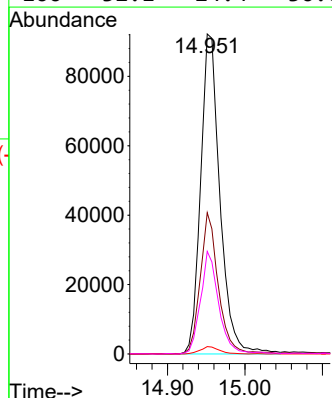
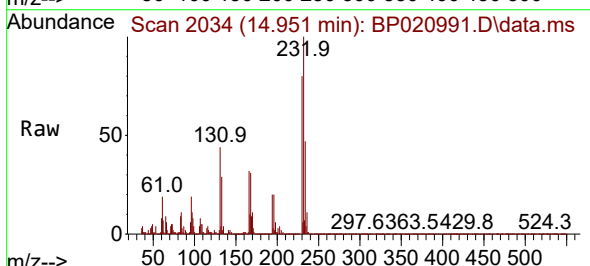
Ion Ratio Lower Upper

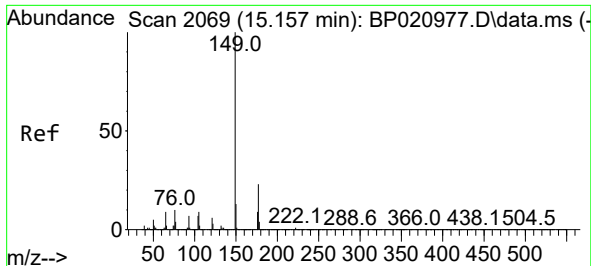
232 100

131 44.1 34.4 51.6

130 2.3 2.0 3.0

166 32.1 24.4 36.6

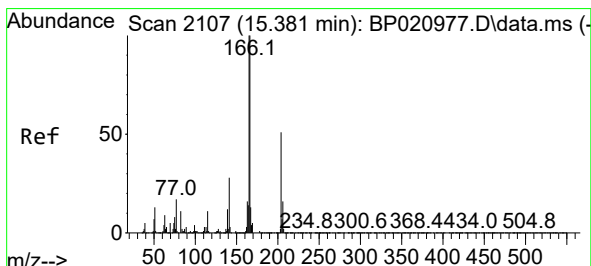
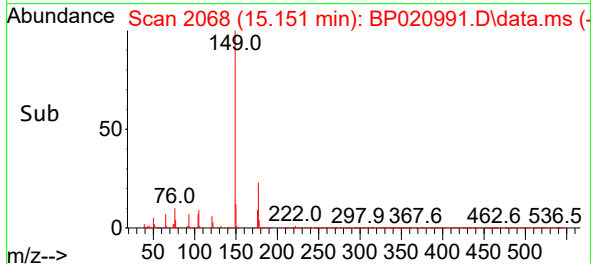
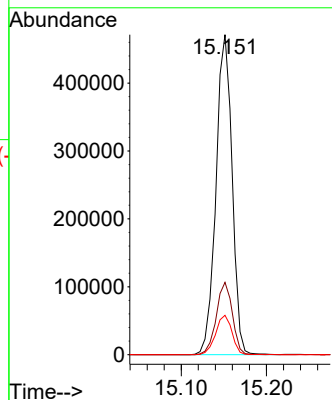
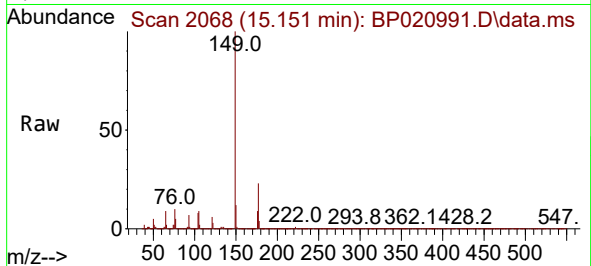




#59
Diethylphthalate
Concen: 20.310 ng/ul
RT: 15.151 min Scan# 2068
Delta R.T. -0.000 min
Lab File: BP020991.D
Acq: 16 Jul 2024 15:05

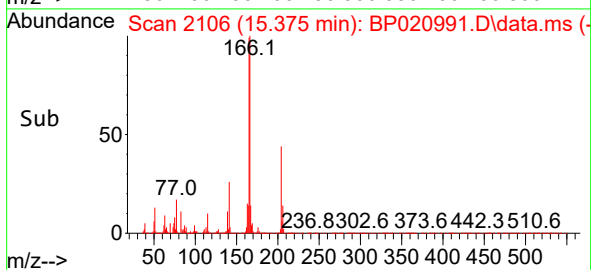
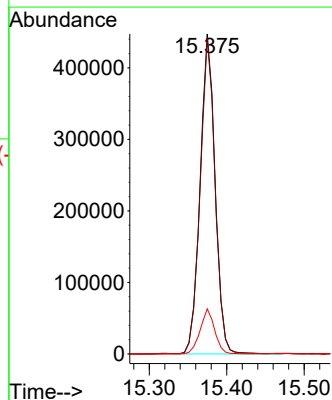
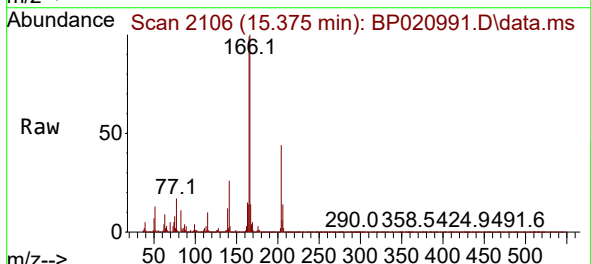
Instrument :
BNA_P
ClientSampleId :
SSTD020689

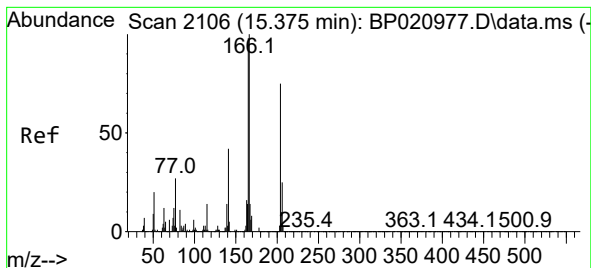
Tgt Ion:149 Resp: 620578
Ion Ratio Lower Upper
149 100
177 22.6 17.7 26.5
150 12.3 10.2 15.2



#61
Fluorene
Concen: 21.172 ng/ul
RT: 15.375 min Scan# 2106
Delta R.T. -0.000 min
Lab File: BP020991.D
Acq: 16 Jul 2024 15:05

Tgt Ion:166 Resp: 601540
Ion Ratio Lower Upper
166 100
165 98.7 78.1 117.1
167 14.1 10.9 16.3

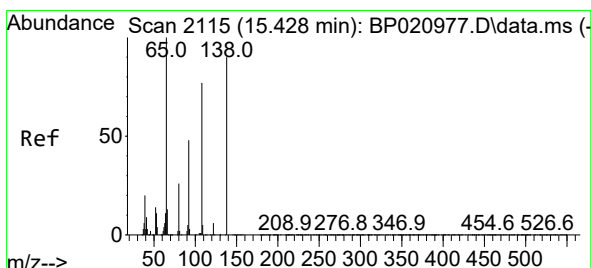
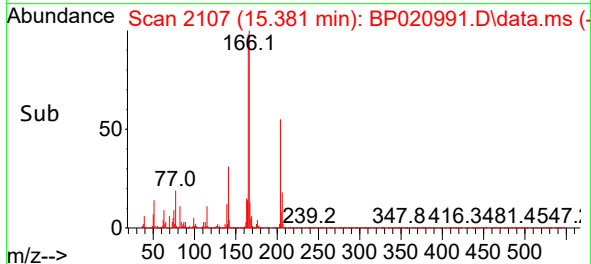
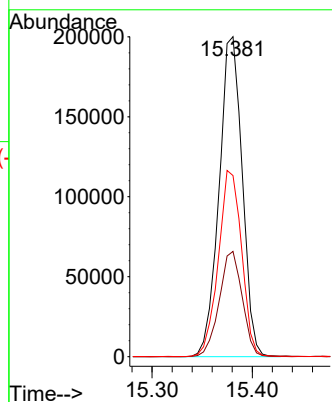
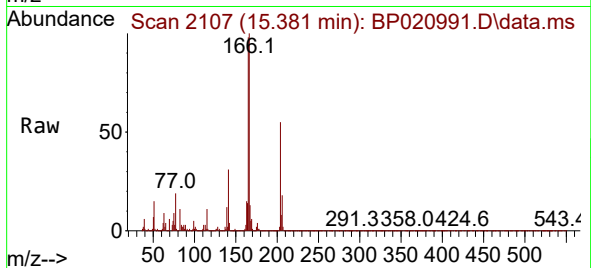




#62
4-Chlorophenyl-phenylether
Concen: 20.802 ng/ul
RT: 15.381 min Scan# 2107
Delta R.T. -0.000 min
Lab File: BP020991.D
Acq: 16 Jul 2024 15:05

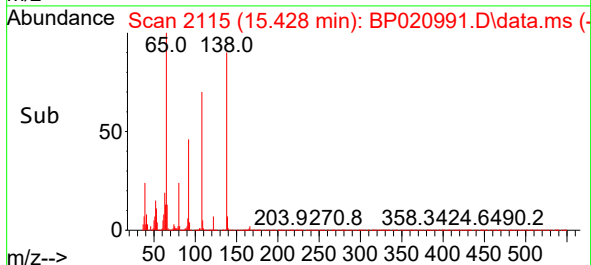
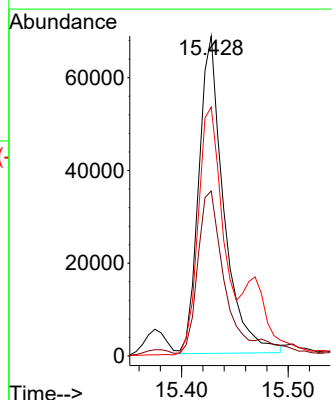
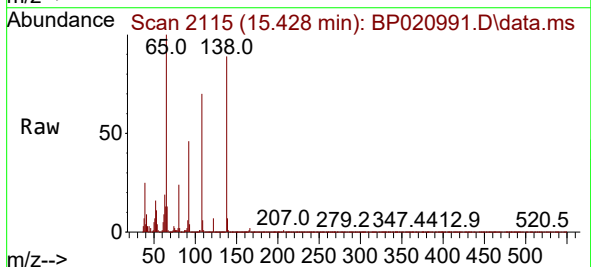
Instrument :
BNA_P
ClientSampleId :
SSTD020689

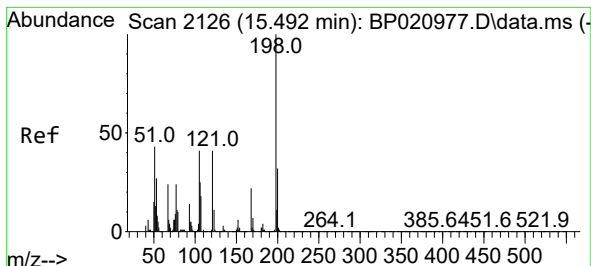
Tgt Ion:204 Resp: 320713
Ion Ratio Lower Upper
204 100
206 32.9 26.4 39.6
141 56.6 48.5 72.7



#63
4-Nitroaniline
Concen: 25.342 ng/ul
RT: 15.428 min Scan# 2115
Delta R.T. 0.006 min
Lab File: BP020991.D
Acq: 16 Jul 2024 15:05

Tgt Ion:138 Resp: 111632
Ion Ratio Lower Upper
138 100
92 51.6 40.9 61.3
108 77.8 64.7 97.1

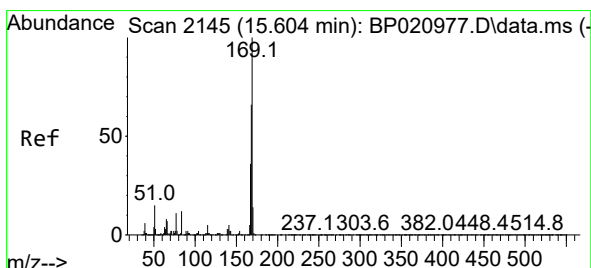
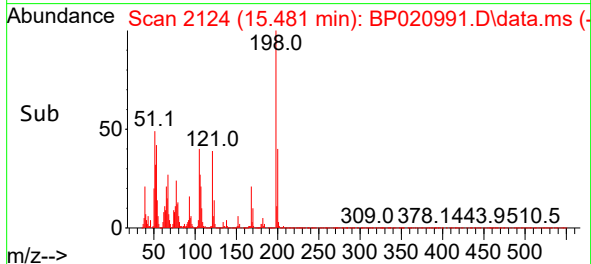
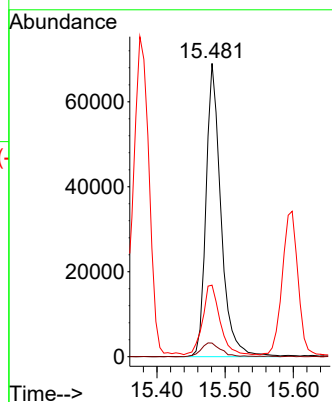
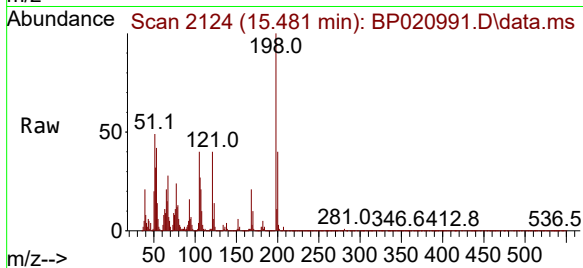




#66
4,6-Dinitro-2-methylphenol
Concen: 19.350 ng/ul
RT: 15.481 min Scan# 2126
Delta R.T. 0.006 min
Lab File: BP020991.D
Acq: 16 Jul 2024 15:05

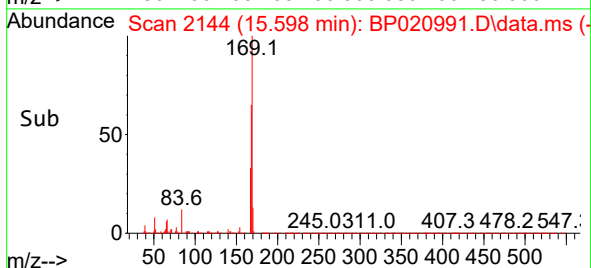
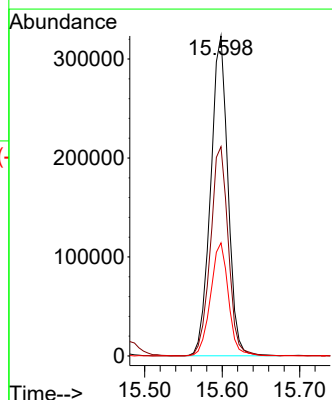
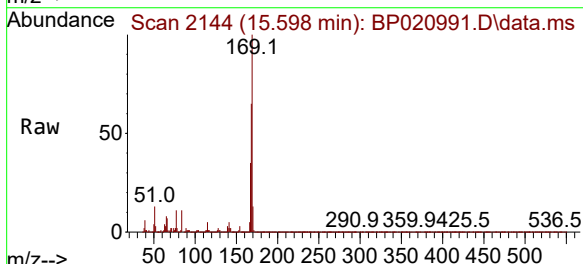
Instrument :
BNA_P
ClientSampleId :
SSTD020689

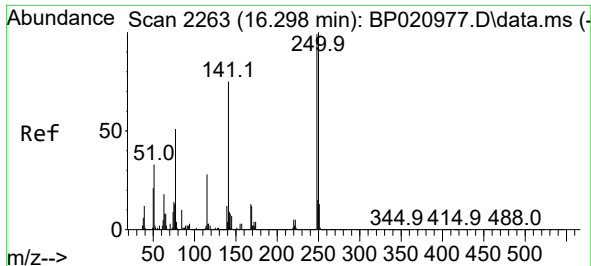
Tgt Ion:198 Resp: 105262
Ion Ratio Lower Upper
198 100
182 4.6 3.8 5.6
77 24.4 20.0 30.0



#67
N-Nitrosodiphenylamine
Concen: 20.361 ng/ul
RT: 15.598 min Scan# 2144
Delta R.T. 0.006 min
Lab File: BP020991.D
Acq: 16 Jul 2024 15:05

Tgt Ion:169 Resp: 502670
Ion Ratio Lower Upper
169 100
168 65.4 53.4 80.2
167 35.4 28.4 42.6

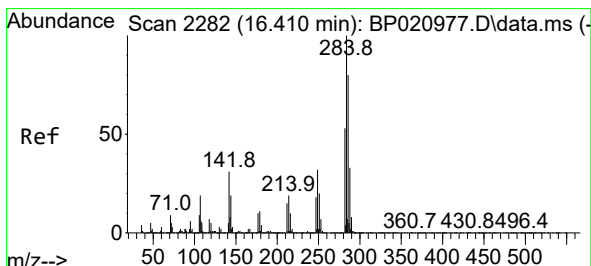
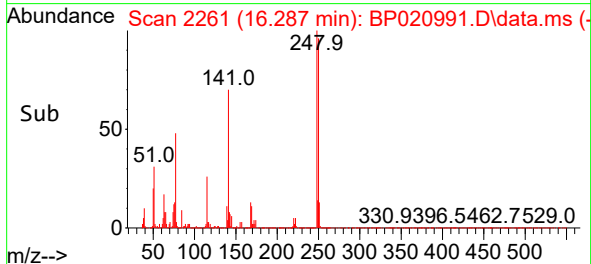
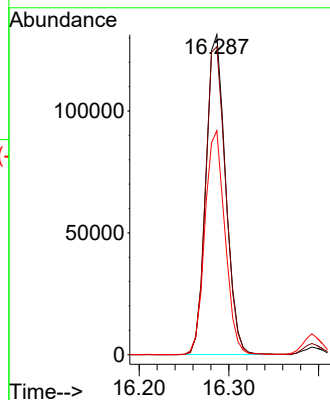
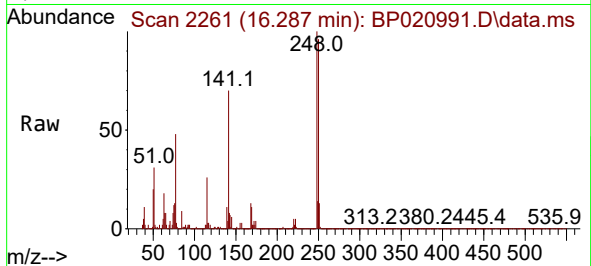




#68
4-Bromophenyl-phenylether
Concen: 20.072 ng/ul
RT: 16.287 min Scan# 2179
Delta R.T. 0.006 min
Lab File: BP020991.D
Acq: 16 Jul 2024 15:05

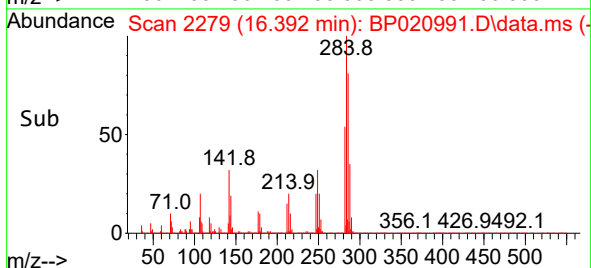
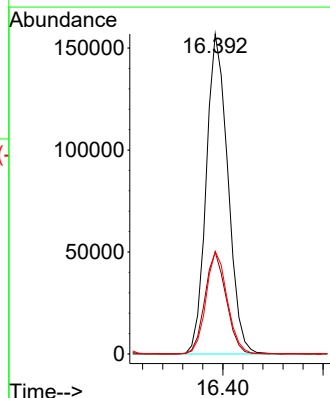
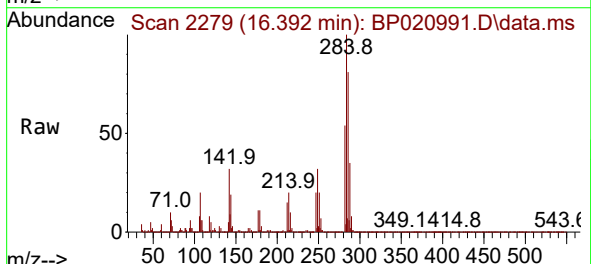
Instrument :
BNA_P
ClientSampleId :
SSTD020689

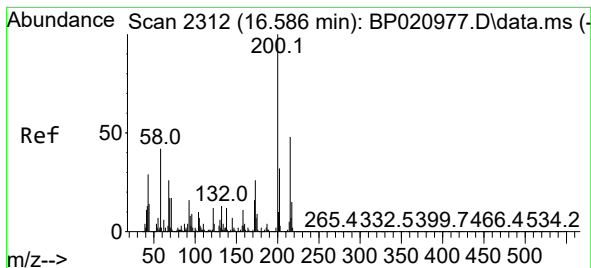
Tgt Ion:248 Resp: 199455
Ion Ratio Lower Upper
248 100
250 96.2 79.3 118.9
141 70.0 57.4 86.0



#69
Hexachlorobenzene
Concen: 20.624 ng/ul
RT: 16.392 min Scan# 2279
Delta R.T. 0.006 min
Lab File: BP020991.D
Acq: 16 Jul 2024 15:05

Tgt Ion:284 Resp: 234993
Ion Ratio Lower Upper
284 100
142 31.9 25.8 38.8
249 32.0 25.1 37.7





#70

Atrazine

Concen: 21.433 ng/ul

RT: 16.581 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP020991.D

Acq: 16 Jul 2024 15:05

Instrument :

BNA_P

ClientSampleId :

SSTD020689

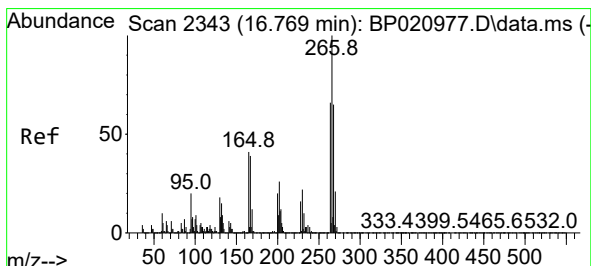
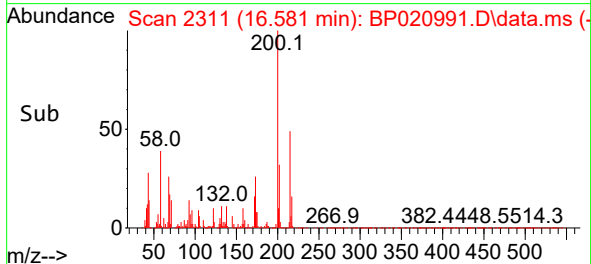
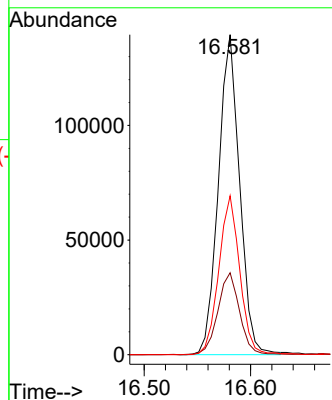
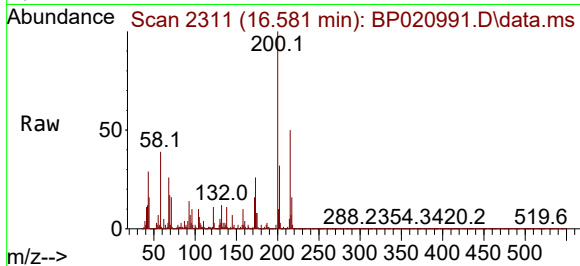
Tgt Ion:200 Resp: 192843

Ion Ratio Lower Upper

200 100

173 25.6 20.8 31.2

215 49.6 38.7 58.1



#71

Pentachlorophenol

Concen: 18.832 ng/ul

RT: 16.775 min Scan# 2344

Delta R.T. 0.012 min

Lab File: BP020991.D

Acq: 16 Jul 2024 15:05

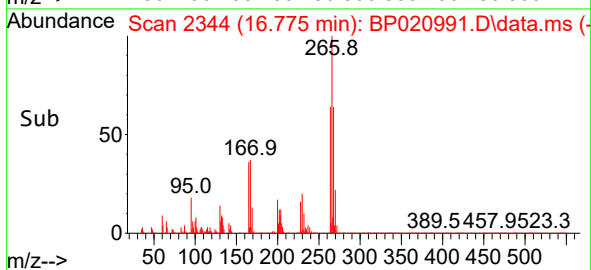
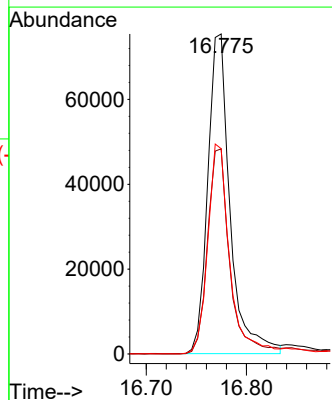
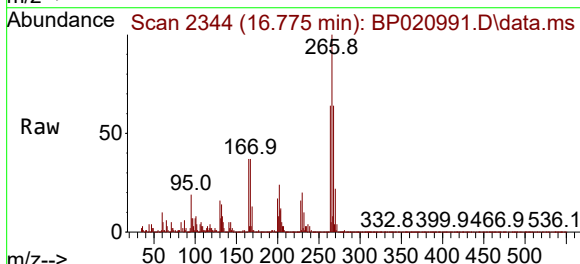
Tgt Ion:266 Resp: 116536

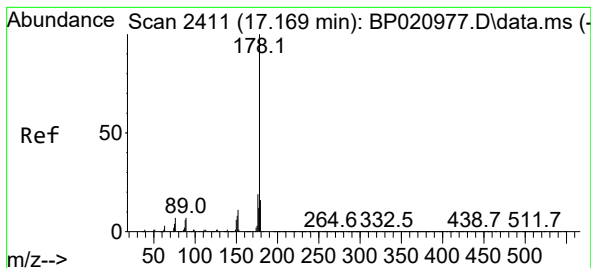
Ion Ratio Lower Upper

266 100

264 64.1 52.3 78.5

268 64.2 52.3 78.5





#72

Phenanthrene

Concen: 21.527 ng/ul

RT: 17.169 min Scan# 2411

Delta R.T. 0.006 min

Lab File: BP020991.D

Acq: 16 Jul 2024 15:05

Instrument :

BNA_P

ClientSampleId :

SSTD020689

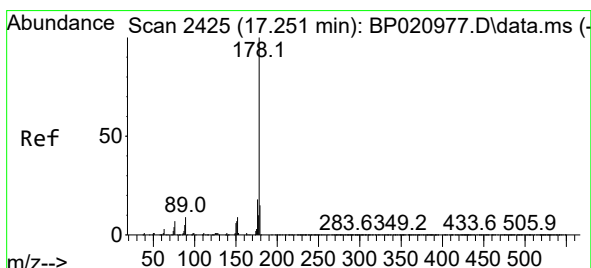
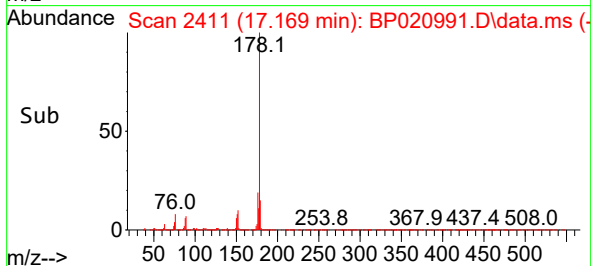
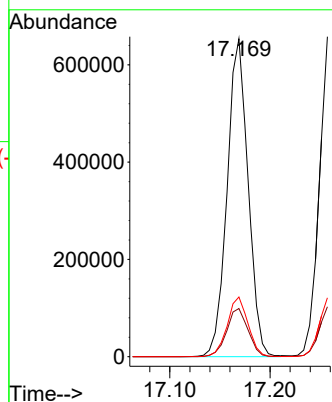
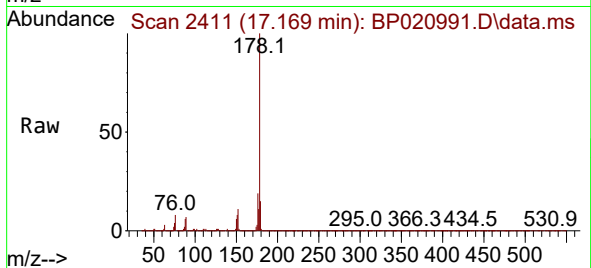
Tgt Ion:178 Resp: 946758

Ion Ratio Lower Upper

178 100

179 15.1 12.2 18.4

176 18.8 15.0 22.4



#74

Anthracene

Concen: 21.421 ng/ul

RT: 17.257 min Scan# 2426

Delta R.T. -0.000 min

Lab File: BP020991.D

Acq: 16 Jul 2024 15:05

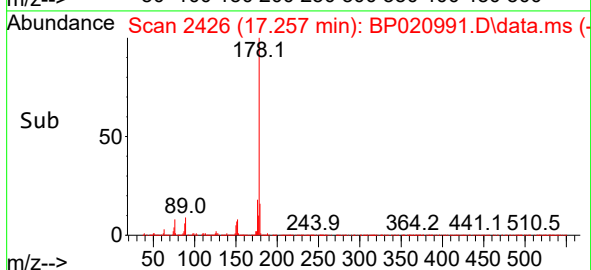
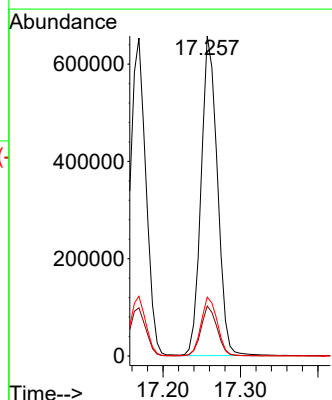
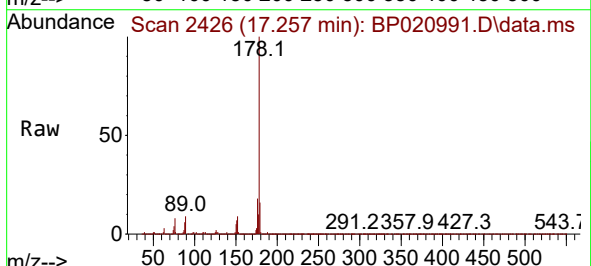
Tgt Ion:178 Resp: 960439

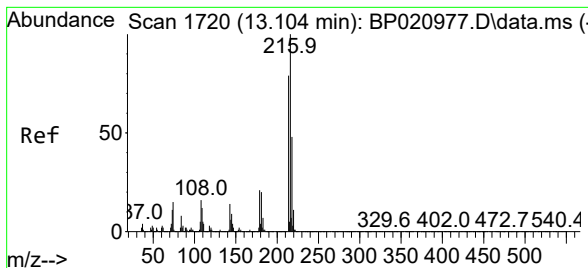
Ion Ratio Lower Upper

178 100

179 15.6 12.5 18.7

176 18.4 14.8 22.2

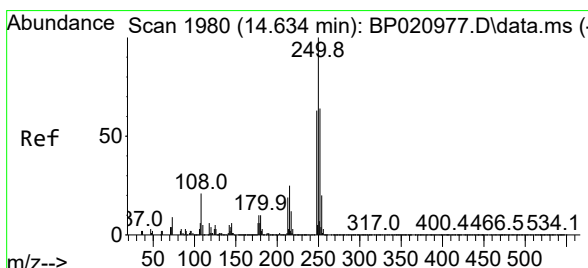
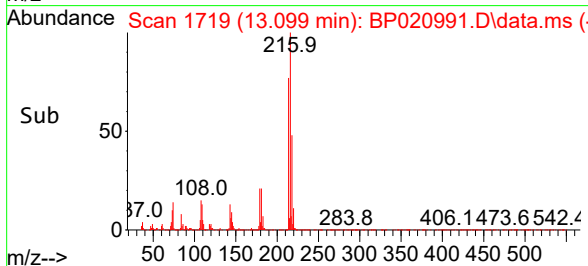
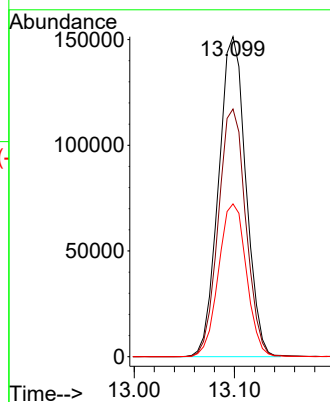
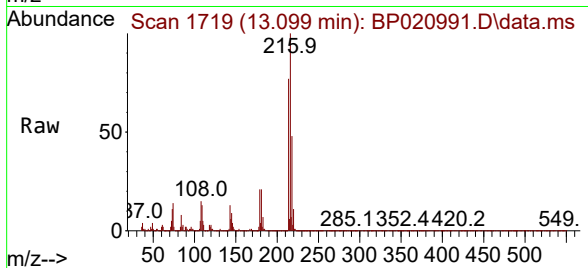




#75
1,2,3,4-Tetrachlorobenzene
Concen: 21.114 ng/uL
RT: 13.099 min Scan# 1719
Delta R.T. 0.018 min
Lab File: BP020991.D
Acq: 16 Jul 2024 15:05

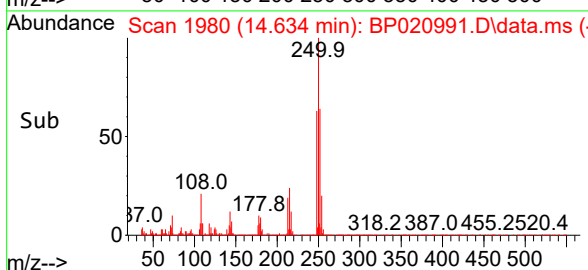
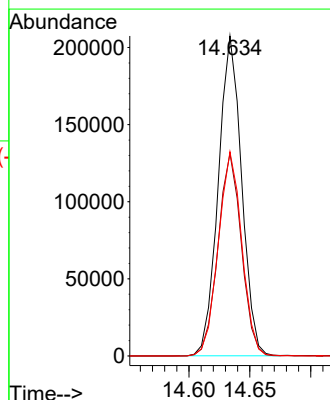
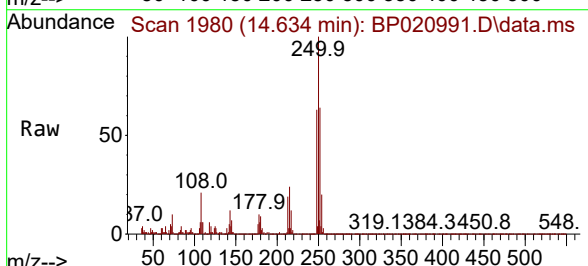
Instrument :
BNA_P
ClientSampleId :
SSTD020689

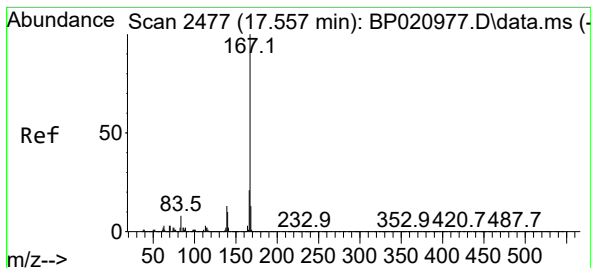
Tgt Ion:216 Resp: 286507
Ion Ratio Lower Upper
216 100
214 77.4 63.2 94.8
218 47.8 38.2 57.4



#76
Pentachlorobenzene
Concen: 20.517 ng/uL
RT: 14.634 min Scan# 1980
Delta R.T. -0.000 min
Lab File: BP020991.D
Acq: 16 Jul 2024 15:05

Tgt Ion:250 Resp: 276646
Ion Ratio Lower Upper
250 100
248 63.2 50.8 76.2
252 63.8 51.6 77.4





#77

Carbazole

Concen: 23.574 ng/ul

RT: 17.545 min Scan# 2477

Delta R.T. 0.006 min

Lab File: BP020991.D

Acq: 16 Jul 2024 15:05

Instrument :

BNA_P

ClientSampleId :

SSTD020689

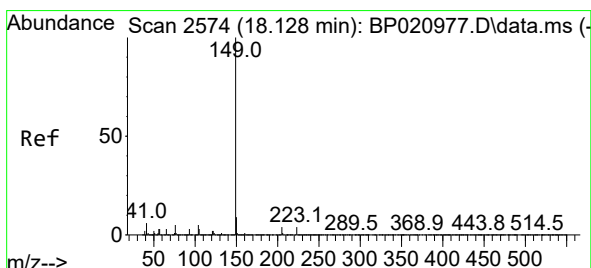
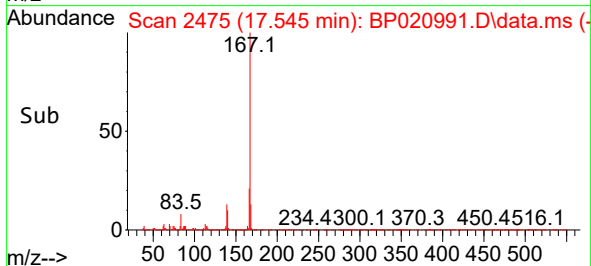
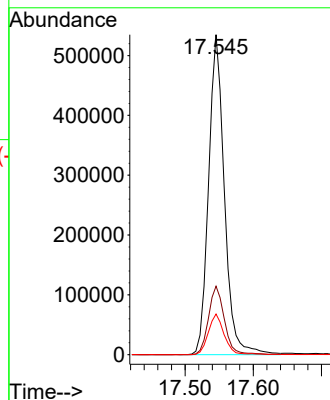
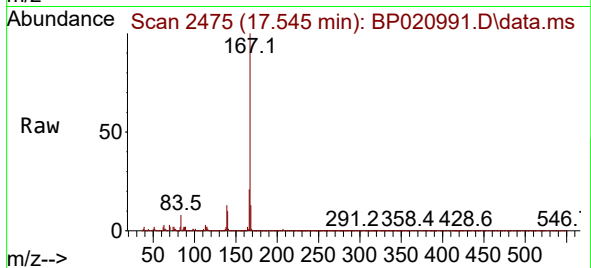
Tgt Ion:167 Resp: 864039

Ion Ratio Lower Upper

167 100

166 21.4 17.3 25.9

139 12.7 10.2 15.2



#78

Di-n-butylphthalate

Concen: 20.780 ng/ul

RT: 18.128 min Scan# 2574

Delta R.T. 0.012 min

Lab File: BP020991.D

Acq: 16 Jul 2024 15:05

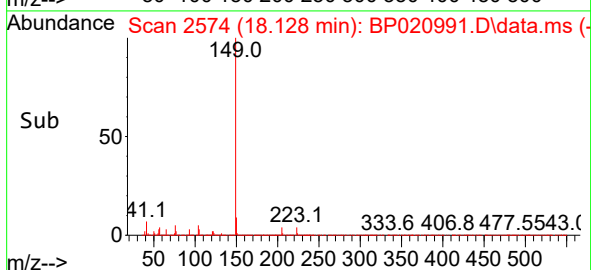
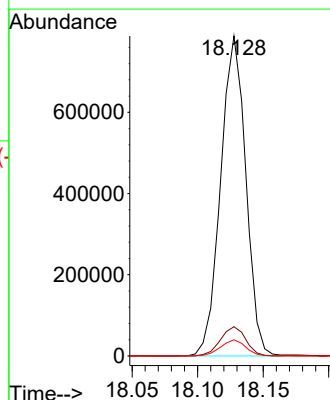
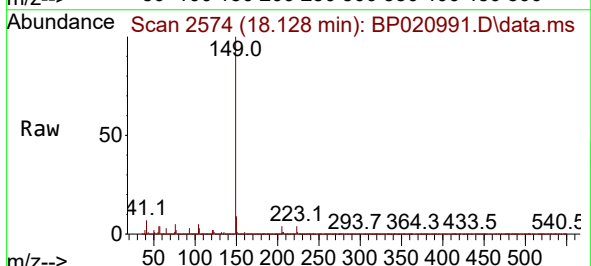
Tgt Ion:149 Resp: 1050819

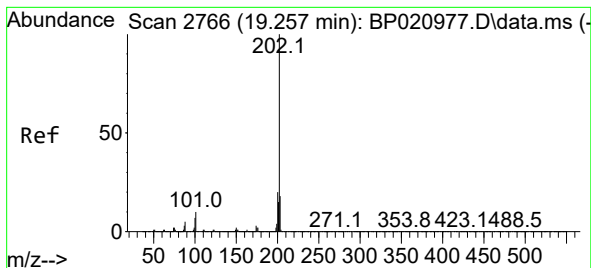
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

104 5.0 3.9 5.9





#80

Fluoranthene

Concen: 17.605 ng/ul

RT: 19.263 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP020991.D

Acq: 16 Jul 2024 15:05

Instrument :

BNA_P

ClientSampleId :

SSTD020689

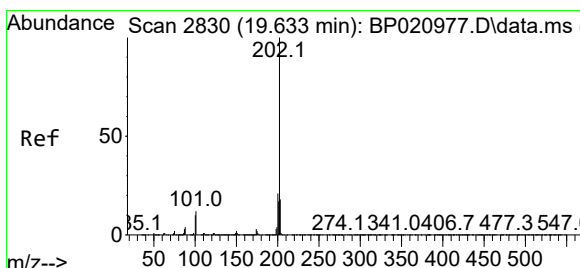
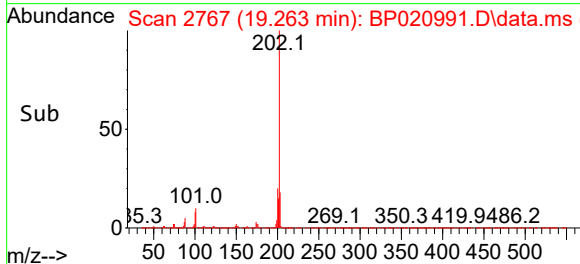
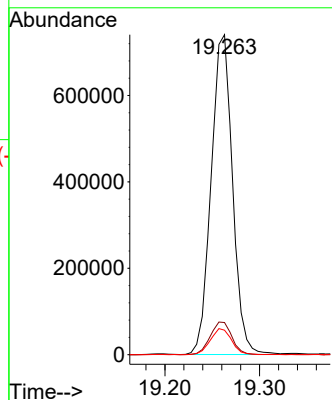
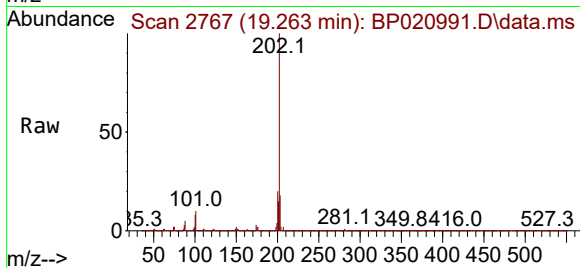
Tgt Ion:202 Resp: 1165577

Ion Ratio Lower Upper

202 100

101 10.0 8.0 12.0

100 7.7 6.1 9.1



#82

Pyrene

Concen: 18.211 ng/ul

RT: 19.633 min Scan# 2830

Delta R.T. 0.006 min

Lab File: BP020991.D

Acq: 16 Jul 2024 15:05

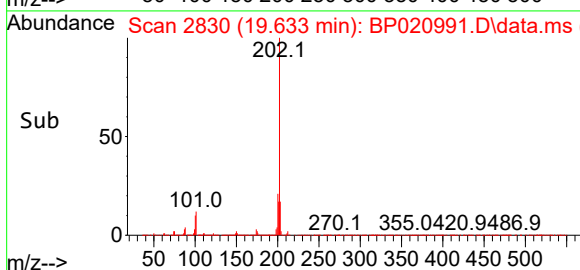
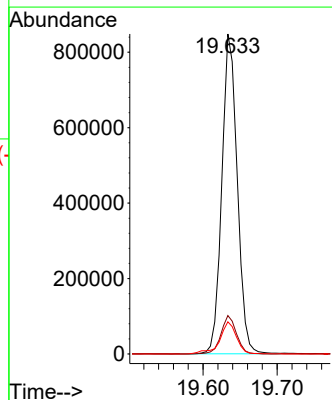
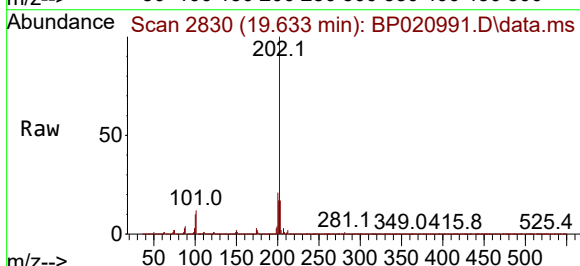
Tgt Ion:202 Resp: 1226901

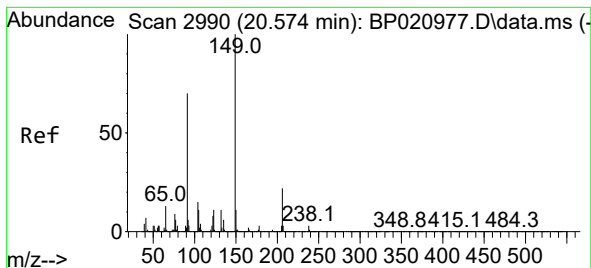
Ion Ratio Lower Upper

202 100

101 12.0 9.4 14.2

100 10.0 7.8 11.6





#83

Butylbenzylphthalate

Concen: 18.337 ng/ul

RT: 20.580 min Scan# 2991

Delta R.T. 0.012 min

Lab File: BP020991.D

Acq: 16 Jul 2024 15:05

Instrument :

BNA_P

ClientSampleId :

SSTD020689

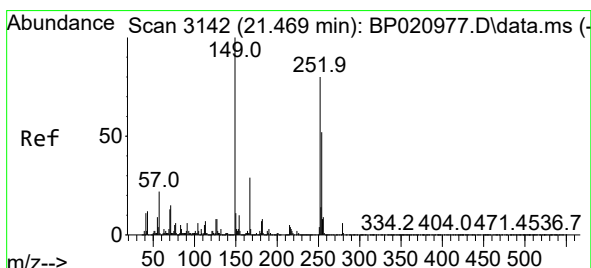
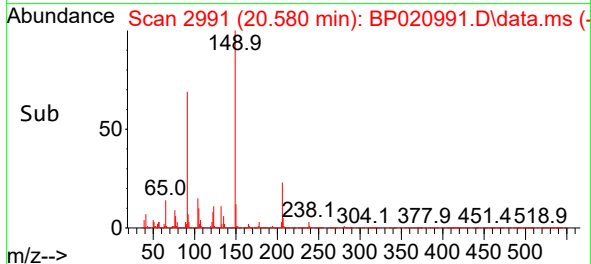
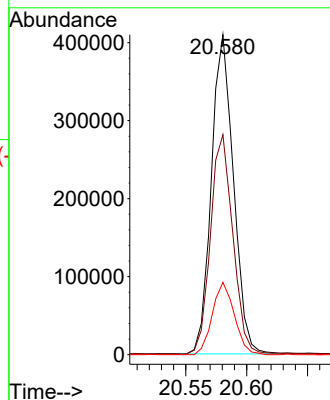
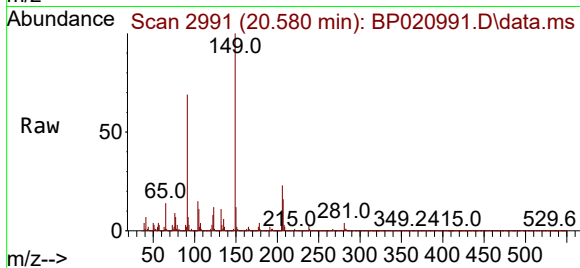
Tgt Ion:149 Resp: 514729

Ion Ratio Lower Upper

149 100

91 68.7 54.1 81.1

206 22.6 17.0 25.6



#84

3,3'-Dichlorobenzidine

Concen: 22.308 ng/ul

RT: 21.469 min Scan# 3142

Delta R.T. 0.012 min

Lab File: BP020991.D

Acq: 16 Jul 2024 15:05

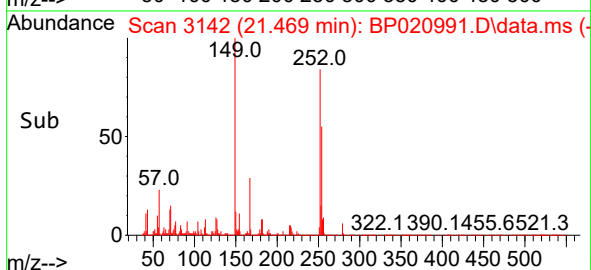
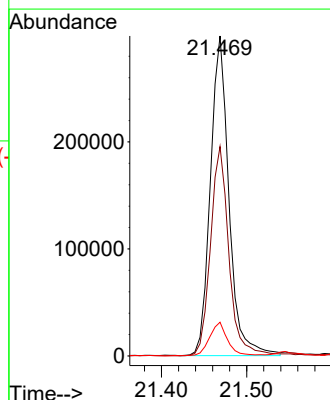
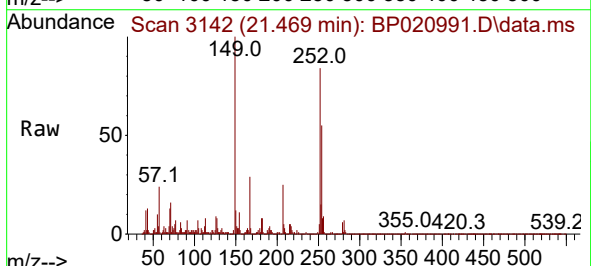
Tgt Ion:252 Resp: 452031

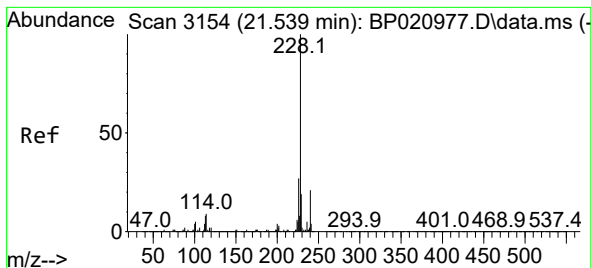
Ion Ratio Lower Upper

252 100

254 65.5 51.5 77.3

126 10.6 8.0 12.0





#85

Benzo(a)anthracene

Concen: 20.934 ng/ul

RT: 21.545 min Scan# 3155

Delta R.T. 0.012 min

Lab File: BP020991.D

Acq: 16 Jul 2024 15:05

Instrument :

BNA_P

ClientSampleId :

SSTD020689

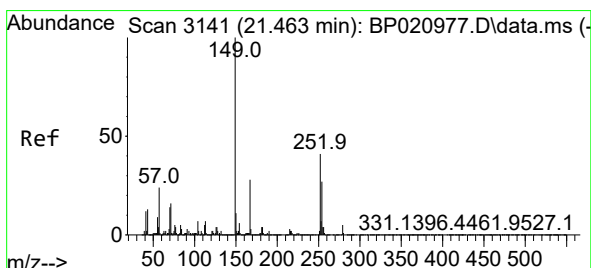
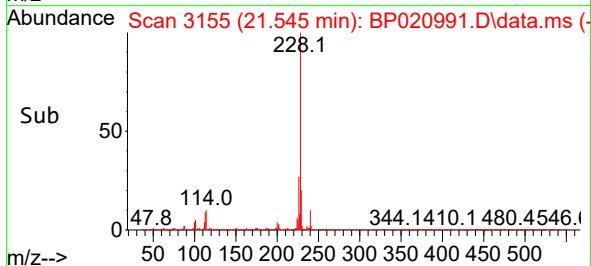
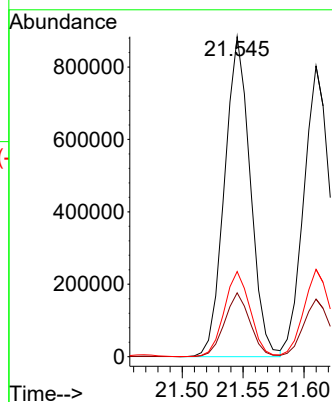
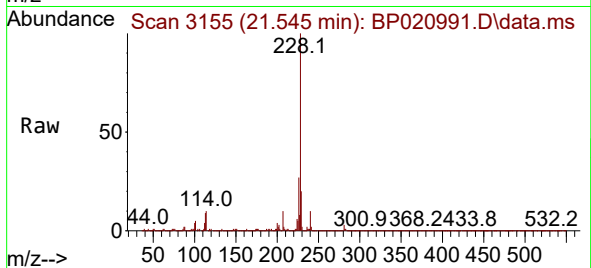
Tgt Ion:228 Resp: 1300389

Ion Ratio Lower Upper

228 100

229 19.9 15.5 23.3

226 26.6 21.4 32.2



#86

Bis(2-ethylhexyl)phthalate

Concen: 18.228 ng/ul

RT: 21.463 min Scan# 3141

Delta R.T. 0.018 min

Lab File: BP020991.D

Acq: 16 Jul 2024 15:05

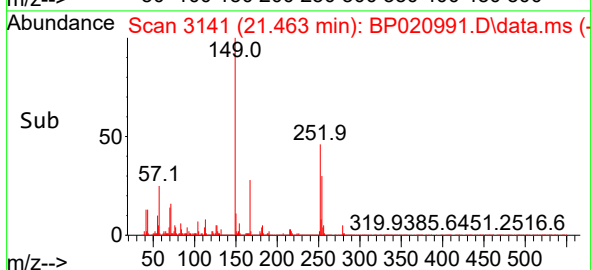
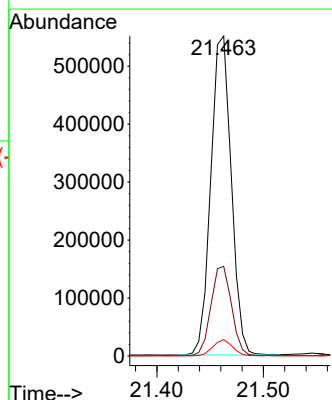
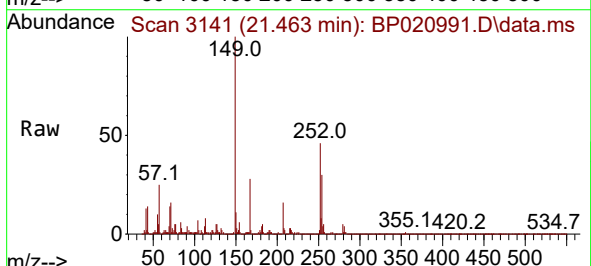
Tgt Ion:149 Resp: 736331

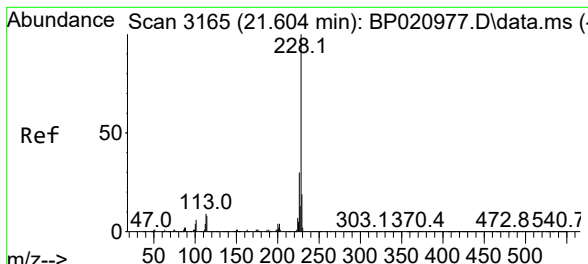
Ion Ratio Lower Upper

149 100

167 28.0 22.1 33.1

279 5.1 3.7 5.5





#87

Chrysene

Concen: 21.060 ng/ul

RT: 21.610 min Scan# 3166

Delta R.T. 0.012 min

Lab File: BP020991.D

Acq: 16 Jul 2024 15:05

Instrument :

BNA_P

ClientSampleId :

SSTD020689

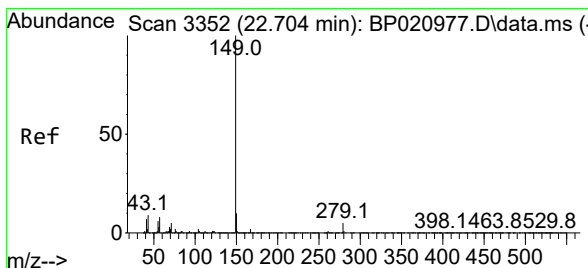
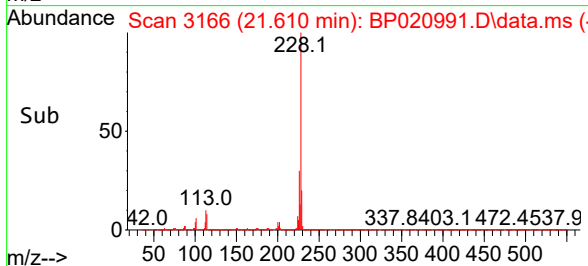
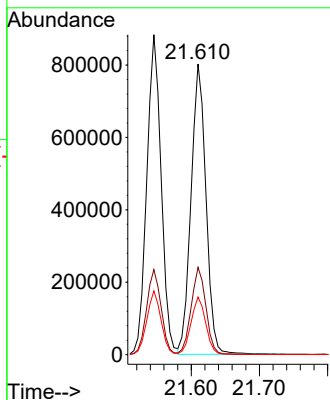
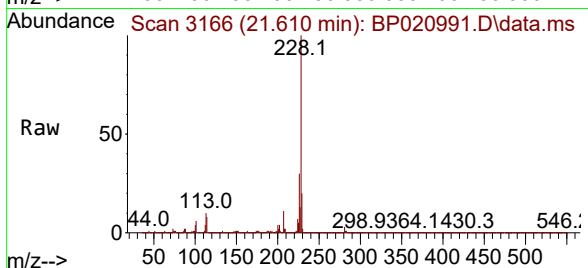
Tgt Ion:228 Resp: 1215591

Ion Ratio Lower Upper

228 100

226 30.0 23.6 35.4

229 19.8 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 18.612 ng/ul

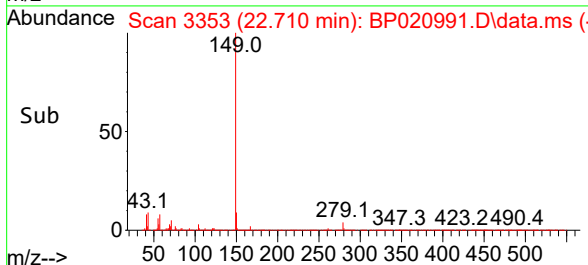
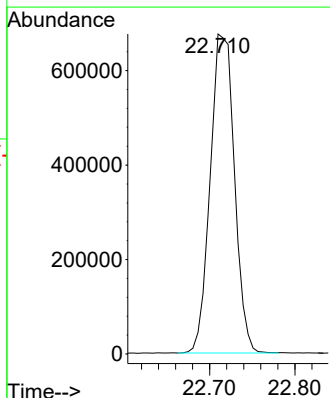
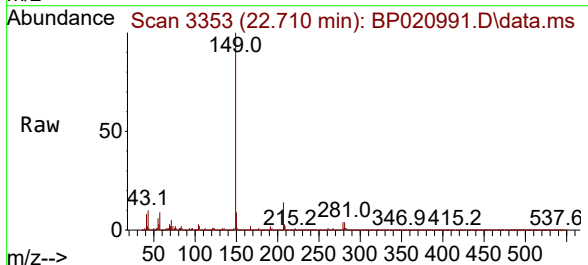
RT: 22.710 min Scan# 3353

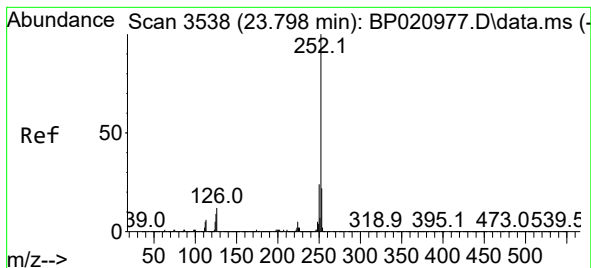
Delta R.T. 0.012 min

Lab File: BP020991.D

Acq: 16 Jul 2024 15:05

Tgt Ion:149 Resp: 1336278





#90

Benzo(b)fluoranthene

Concen: 20.874 ng/ul

RT: 23.810 min Scan# 3540

Delta R.T. 0.029 min

Lab File: BP020991.D

Acq: 16 Jul 2024 15:05

Instrument :

BNA_P

ClientSampleId :

SSTD020689

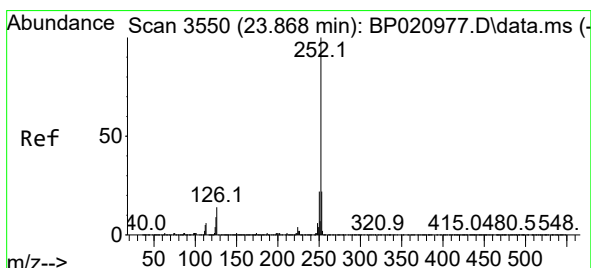
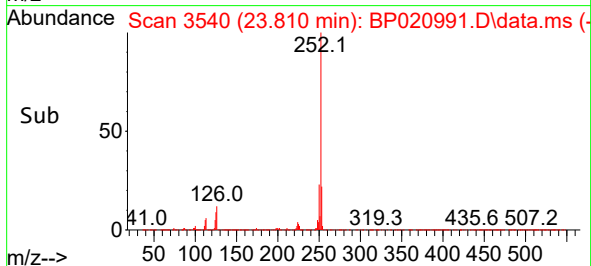
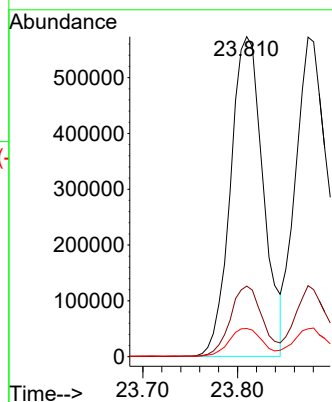
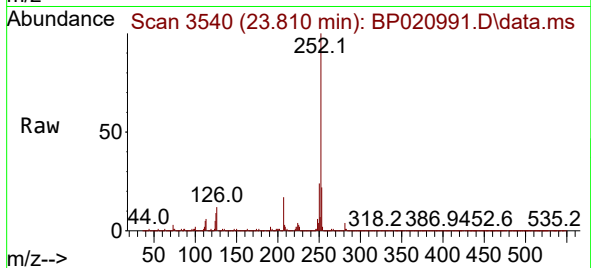
Tgt Ion:252 Resp: 1376717

Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

125 8.8 7.0 10.4



#91

Benzo(k)fluoranthene

Concen: 20.768 ng/ul

RT: 23.874 min Scan# 3551

Delta R.T. 0.023 min

Lab File: BP020991.D

Acq: 16 Jul 2024 15:05

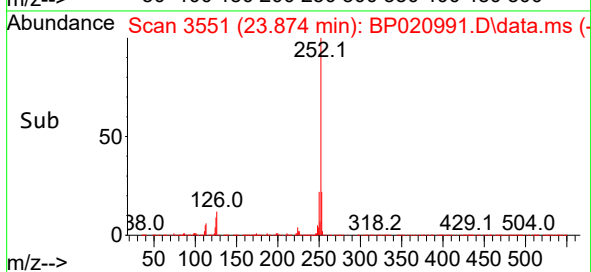
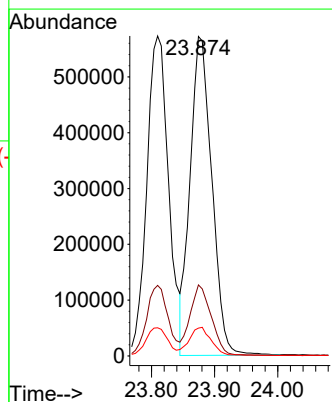
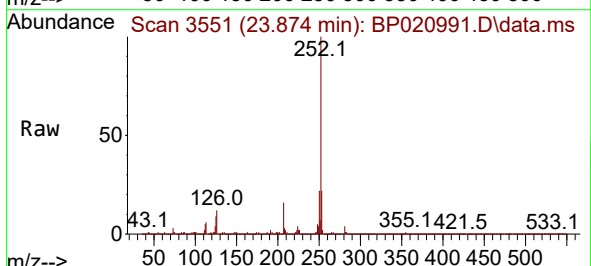
Tgt Ion:252 Resp: 1366926

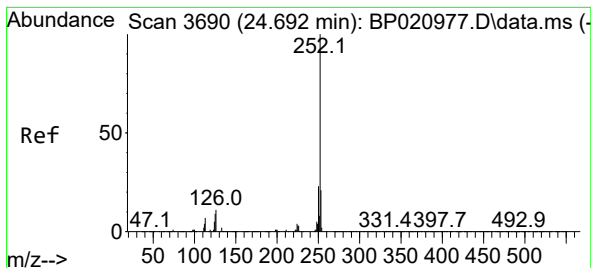
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

125 8.7 7.4 11.0





#93

Benzo(a)pyrene

Concen: 20.774 ng/ul

RT: 24.698 min Scan# 3

Delta R.T. 0.029 min

Lab File: BP020991.D

Acq: 16 Jul 2024 15:05

Instrument :

BNA_P

ClientSampleId :

SSTD020689

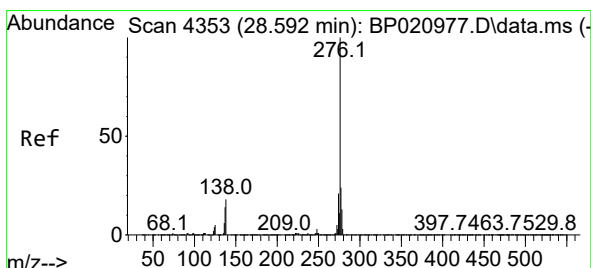
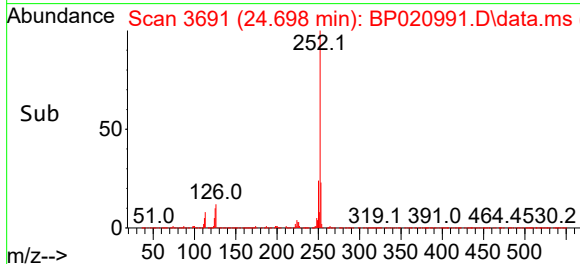
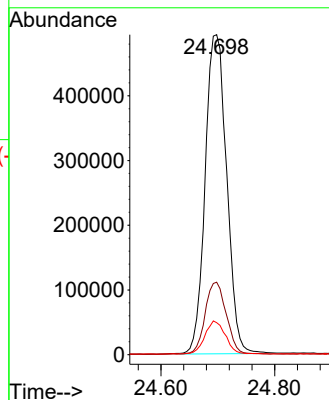
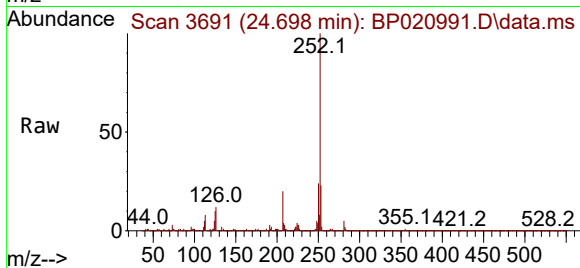
Tgt Ion:252 Resp: 1294709

Ion Ratio Lower Upper

252 100

253 22.7 17.4 26.0

125 10.0 7.7 11.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 18.780 ng/ul

RT: 28.615 min Scan# 4357

Delta R.T. 0.041 min

Lab File: BP020991.D

Acq: 16 Jul 2024 15:05

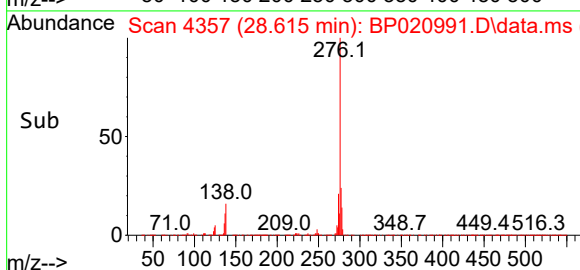
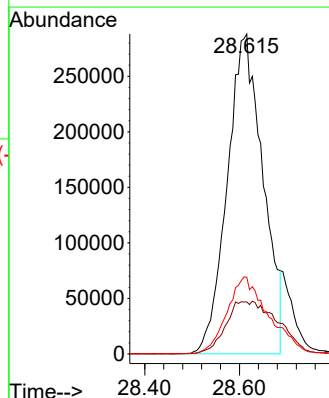
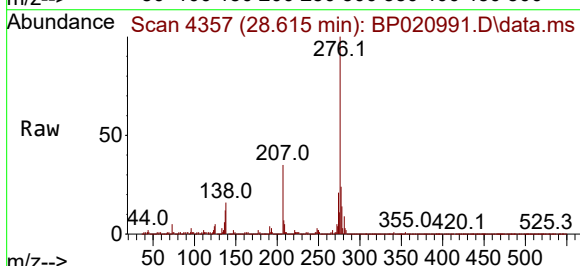
Tgt Ion:276 Resp: 1508238

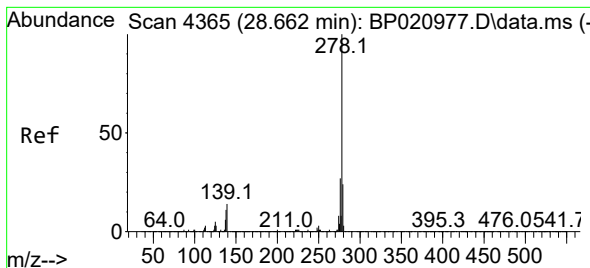
Ion Ratio Lower Upper

276 100

138 16.2 14.3 21.5

277 24.0 19.2 28.8





#95

Dibenzo(a,h)anthracene

Concen: 11.678 ng/ul

RT: 28.668 min Scan# 41

Delta R.T. 0.035 min

Lab File: BP020991.D

Acq: 16 Jul 2024 15:05

Instrument :

BNA_P

ClientSampleId :

SSTD020689

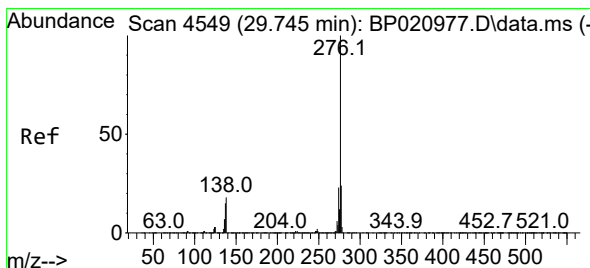
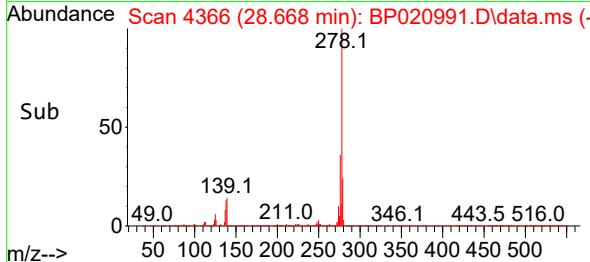
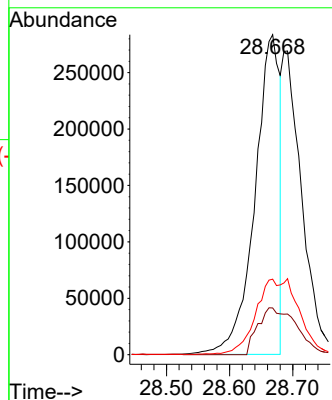
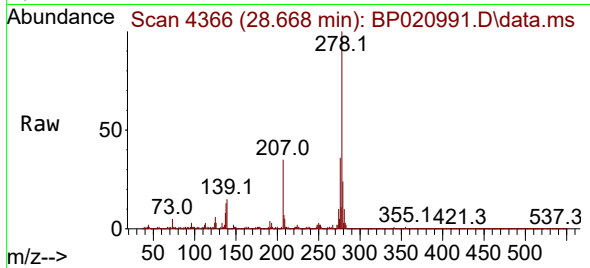
Tgt Ion:278 Resp: 776651

Ion Ratio Lower Upper

278 100

139 14.6 10.9 16.3

279 23.6 19.4 29.0



#96

Benzo(g,h,i)perylene

Concen: 20.226 ng/ul

RT: 29.774 min Scan# 4554

Delta R.T. 0.047 min

Lab File: BP020991.D

Acq: 16 Jul 2024 15:05

Tgt Ion:276 Resp: 1322918

Ion Ratio Lower Upper

276 100

138 18.9 15.3 22.9

277 23.7 18.2 27.2

