

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071524\
 Data File : BP020990.D
 Acq On : 16 Jul 2024 14:21
 Operator : MA/JU
 Sample : P3177-25MSD
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4BS2MSD

Quant Time: Jul 16 22:56:10 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	7.699	152	208049	20.000	ng/u1	0.01
20) Naphthalene-d8	10.458	136	808324	20.000	ng/u1	0.01
38) Acenaphthene-d10	14.310	164	520808	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.116	188	1150161	20.000	ng/u1	0.00
79) Chrysene-d12	21.563	240	1148744	20.000	ng/u1	0.01
88) Perylene-d12	24.863	264	1356187	20.000	ng/u1	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	17444	3.815	ng/uL	0.00
4) Pyridine-d5	3.658	84	230788	17.436	ng/u1	0.00
7) Phenol-d5	6.905	99	389813	22.982	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.046	67	236288	22.987	ng/u1	0.01
11) 2-Chlorophenol-d4	7.246	132	337634	24.160	ng/u1	0.01
15) 4-Methylphenol-d8	8.411	113	326416	23.171	ng/u1	0.02
21) Nitrobenzene-d5	8.846	128	163992	26.120	ng/u1	0.02
24) 2-Nitrophenol-d4	9.552	143	185050	25.752	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.093	165	348438	26.816	ng/u1	0.00
31) 4-Chloroaniline-d4	10.599	131	421121	24.464	ng/u1	0.01
46) Dimethylphthalate-d6	13.710	166	1025835	27.095	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	1137127	26.749	ng/u1	0.00
54) 4-Nitrophenol-d4	14.563	143	147143	27.316	ng/u1	0.00
60) Fluorene-d10	15.316	176	866529	27.899	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	173012	24.861	ng/u1	0.00
73) Anthracene-d10	17.216	188	1390786	27.225	ng/u1	0.00
81) Pyrene-d10	19.598	212	1712376	24.111	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.627	264	1880295	28.112	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.281	88	62468	12.423	ng/uL	98
5) Pyridine	3.681	79	406074	29.744	ng/u1	97
6) Benzaldehyde	6.869	77	256145	29.954	ng/u1	100
8) Phenol	6.928	94	544282	31.712	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.140	93	423038	29.836	ng/u1	99
12) 2-Chlorophenol	7.275	128	447607	31.957	ng/u1	99
13) 2-Methylphenol	8.146	108	411624	31.010	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.205	45	611147	29.835	ng/u1	98
16) Acetophenone	8.516	105	681416	31.340	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.493	70	340193	29.862	ng/u1	98
18) 4-Methylphenol	8.475	108	449984	31.643	ng/u1	96
19) Hexachloroethane	8.746	117	189821	30.158	ng/u1	99
22) Nitrobenzene	8.887	77	503811	33.499	ng/u1	99
23) Isophorone	9.405	82	947766	31.699	ng/u1	99
25) 2-Nitrophenol	9.587	139	267455	35.687	ng/u1	98
26) 2,4-Dimethylphenol	9.646	107	420603	28.460	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.869	93	586220	32.256	ng/u1	99
29) 2,4-Dichlorophenol	10.122	162	444422	34.705	ng/u1	98
30) Naphthalene	10.505	128	1412060	33.211	ng/u1	100
32) 4-Chloroaniline	10.622	127	460403	28.009	ng/u1	100
33) Hexachlorobutadiene	10.763	225	315841	32.894	ng/u1	99
34) Caprolactam	11.428	113	144904	36.732	ng/u1	96
35) 4-Chloro-3-methylphenol	11.757	107	486248	34.932	ng/u1	99
36) 2-Methylnaphthalene	12.110	142	976216	33.448	ng/u1	98

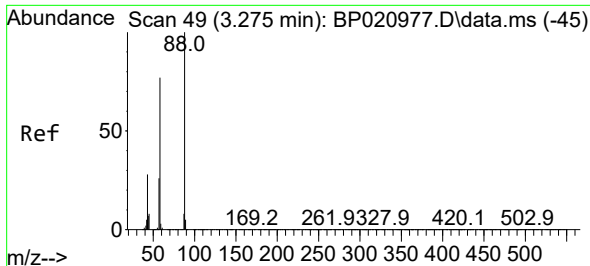
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 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 15 12:22:22 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.328	142	1001993	33.380	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.475	216	589913	34.878	ng/ul	98
40) Hexachlorocyclopentadiene	12.446	237	186649	21.095	ng/ul	99
41) 2,4,6-Trichlorophenol	12.734	196	370575	34.674	ng/ul	98
42) 2,4,5-Trichlorophenol	12.822	196	410678	36.318	ng/ul	99
43) 1,1'-Biphenyl	13.134	154	1298236	34.109	ng/ul	98
44) 2-Chloronaphthalene	13.175	162	1036138	34.100	ng/ul	100
45) 2-Nitroaniline	13.399	65	314006	37.369	ng/ul	99
47) Dimethylphthalate	13.757	163	1326556	34.532	ng/ul	100
48) 2,6-Dinitrotoluene	13.899	165	281737	36.683	ng/ul	97
50) Acenaphthylene	14.028	152	1640397	34.081	ng/ul	99
51) 3-Nitroaniline	14.228	138	277617	41.538	ng/ul	100
52) Acenaphthene	14.375	153	1069797	33.487	ng/ul	98
53) 2,4-Dinitrophenol	14.457	184	146832	36.404	ng/ul	96
55) 4-Nitrophenol	14.581	109	164128	37.457	ng/ul	94
56) Dibenzofuran	14.716	168	1520780	34.763	ng/ul	97
57) 2,4-Dinitrotoluene	14.710	165	403216	38.245	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	14.951	232	342945	35.417	ng/ul	96
59) Diethylphthalate	15.151	149	1329470	34.629	ng/ul	100
61) Fluorene	15.375	166	1255131	35.158	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.375	204	666343	34.398	ng/ul	98
63) 4-Nitroaniline	15.428	138	272571	49.248	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.487	198	248668	33.695	ng/ul	97
67) N-Nitrosodiphenylamine	15.598	169	1095283	32.702	ng/ul	98
68) 4-Bromophenyl-phenylether	16.281	248	438833	32.551	ng/ul	99
69) Hexachlorobenzene	16.387	284	513707	33.233	ng/ul	99
70) Atrazine	16.575	200	332173	27.213	ng/ul	98
71) Pentachlorophenol	16.763	266	270660	32.239	ng/ul	97
72) Phenanthrene	17.163	178	2073260	34.748	ng/ul	100
74) Anthracene	17.251	178	2038633	33.515	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.093	216	578008	31.398	ng/ul	98
76) Pentachlorobenzene	14.634	250	581247	31.775	ng/ul	99
77) Carbazole	17.534	167	1925783	38.729	ng/ul	99
78) Di-n-butylphthalate	18.122	149	2444366	35.631	ng/ul	100
80) Fluoranthene	19.257	202	2589386	30.191	ng/ul	99
82) Pyrene	19.633	202	2714193	31.099	ng/ul	99
83) Butylbenzylphthalate	20.581	149	1145346	31.498	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.463	252	842132	32.082	ng/ul	100
85) Benzo(a)anthracene	21.545	228	2720472	33.807	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.463	149	1621748	30.991	ng/ul	98
87) Chrysene	21.616	228	2578045	34.478	ng/ul	99
89) Di-n-octyl phthalate	22.722	149	2908618	32.466	ng/ul	100
90) Benzo(b)fluoranthene	23.816	252	2821209	34.280	ng/ul	99
91) Benzo(k)fluoranthene	23.880	252	2823961	34.383	ng/ul	99
93) Benzo(a)pyrene	24.698	252	2463276	31.673	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.609	276	3569229	35.615	ng/ul	99
95) Dibenzo(a,h)anthracene	28.680	278	2894859	34.883	ng/ul	99
96) Benzo(g,h,i)perylene	29.768	276	1597754	19.576	ng/ul	97

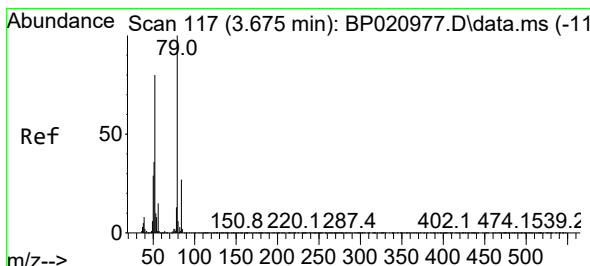
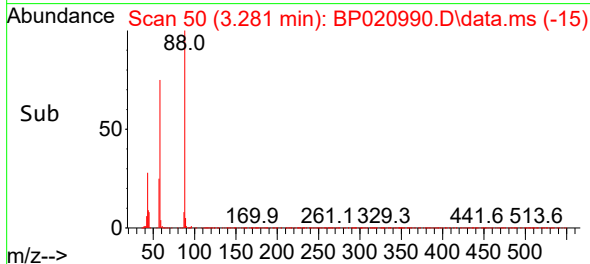
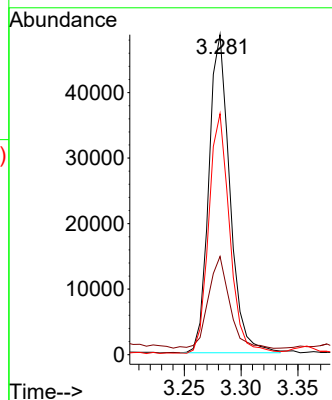
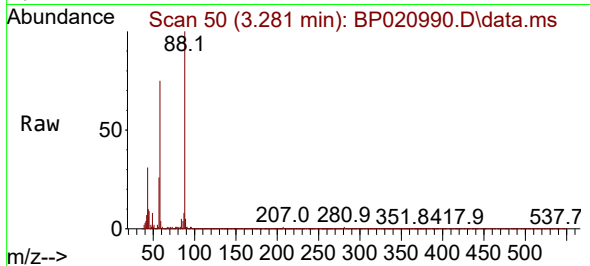
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#2
1,4-Dioxane
Concen: 12.423 ng/uL
RT: 3.281 min Scan# 50
Delta R.T. 0.006 min
Lab File: BP020990.D
Acq: 16 Jul 2024 14:21

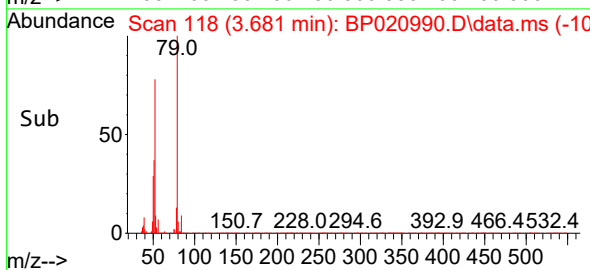
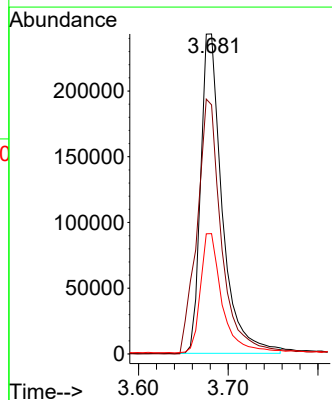
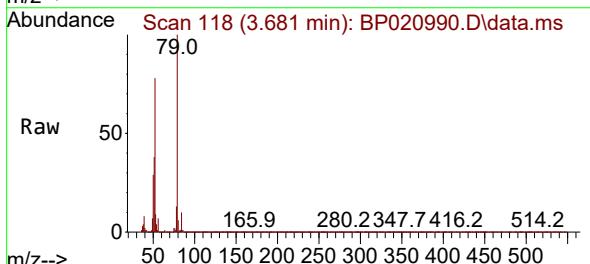
Instrument :
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ClientSampleId :
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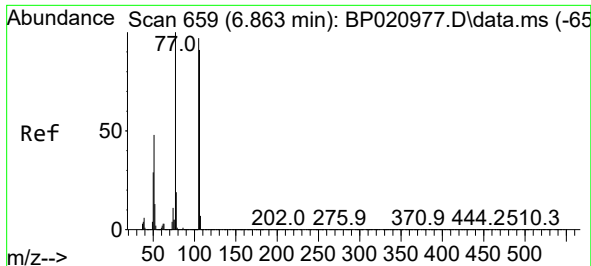
Tgt Ion: 88	Resp: 62468
Ion Ratio	Lower Upper
88 100	
43 30.7	25.4 38.0
58 75.3	59.2 88.8



#5
Pyridine
Concen: 29.744 ng/uL
RT: 3.681 min Scan# 118
Delta R.T. 0.006 min
Lab File: BP020990.D
Acq: 16 Jul 2024 14:21

Tgt Ion: 79	Resp: 406074
Ion Ratio	Lower Upper
79 100	
52 77.9	64.9 97.3
51 37.6	30.5 45.7

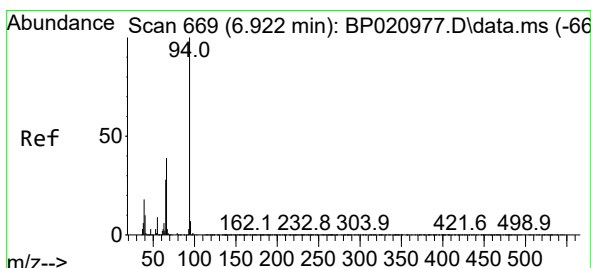
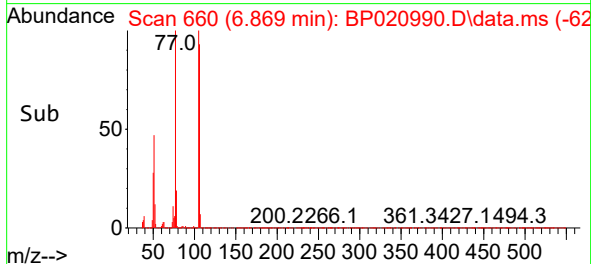
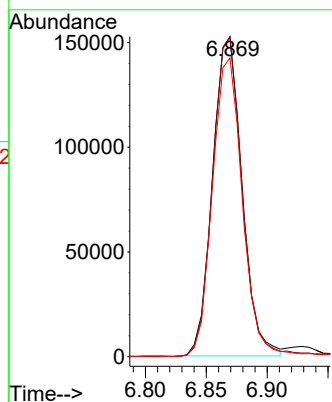
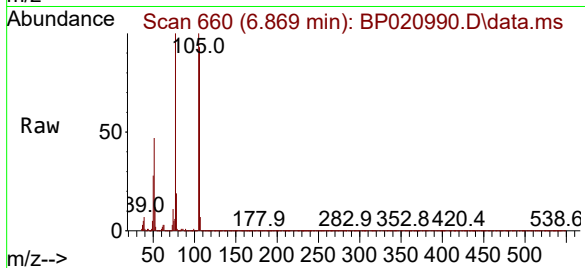




#6
Benzaldehyde
Concen: 29.954 ng/ul
RT: 6.869 min Scan# 60
Delta R.T. 0.012 min
Lab File: BP020990.D
Acq: 16 Jul 2024 14:21

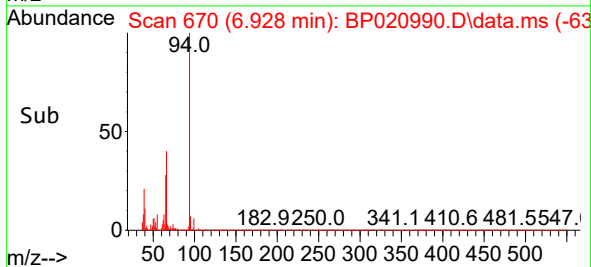
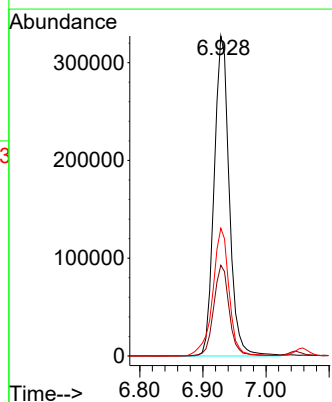
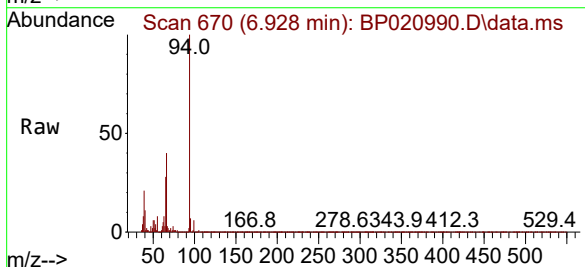
Instrument :
BNA_P
ClientSampleId :
A4BS2MSD

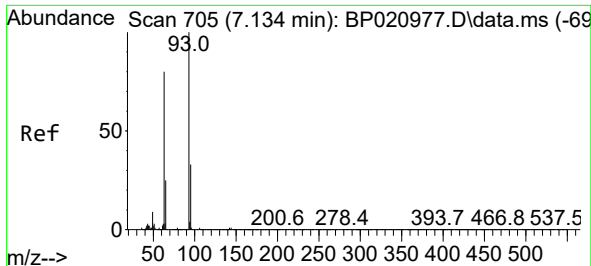
Tgt Ion: 77 Resp: 256145
Ion Ratio Lower Upper
77 100
105 99.9 79.3 118.9
106 93.3 74.6 112.0



#8
Phenol
Concen: 31.712 ng/ul
RT: 6.928 min Scan# 670
Delta R.T. 0.012 min
Lab File: BP020990.D
Acq: 16 Jul 2024 14:21

Tgt Ion: 94 Resp: 544282
Ion Ratio Lower Upper
94 100
65 28.3 23.4 35.0
66 39.9 33.9 50.9

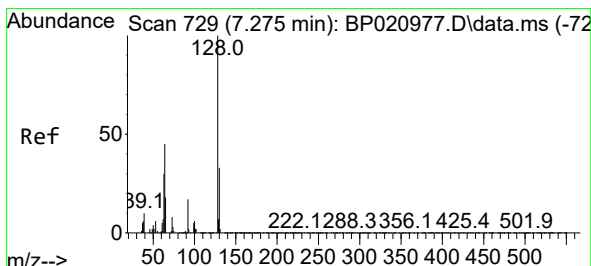
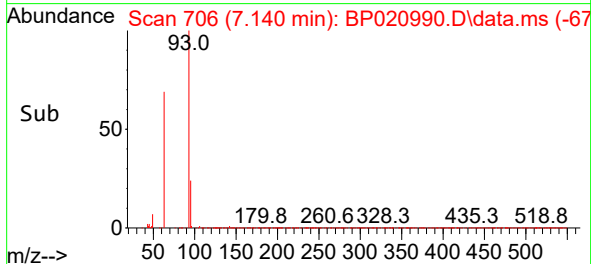
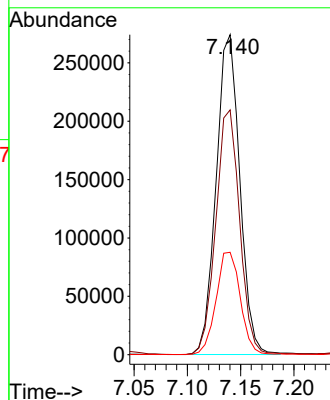
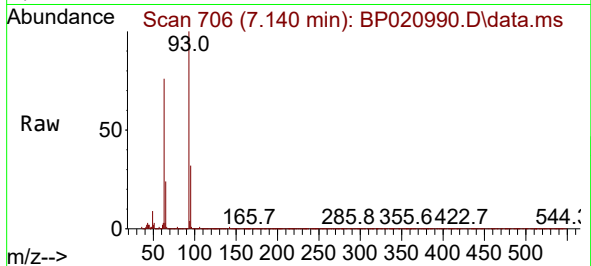




#10
Bis(2-Chloroethyl)ether
Concen: 29.836 ng/ul
RT: 7.140 min Scan# 705
Delta R.T. 0.012 min
Lab File: BP020990.D
Acq: 16 Jul 2024 14:21

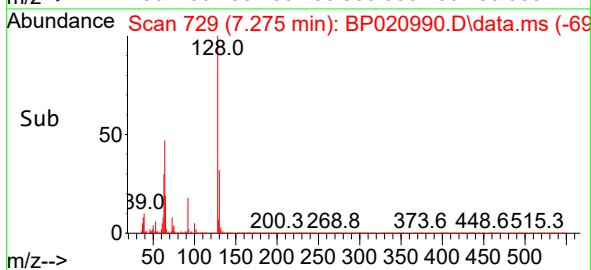
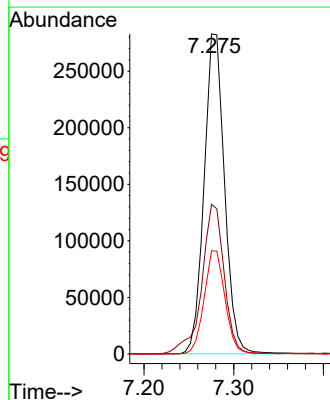
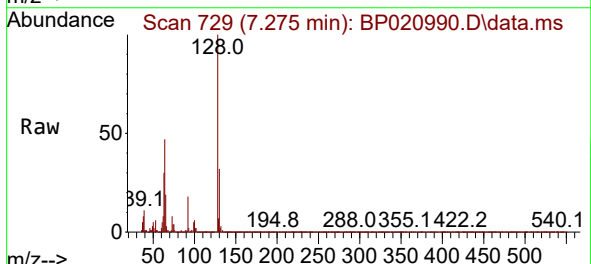
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BNA_P
ClientSampleId :
A4BS2MSD

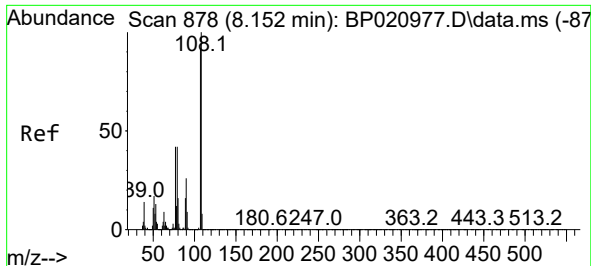
Tgt Ion: 93 Resp: 423038
Ion Ratio Lower Upper
93 100
63 76.5 61.5 92.3
95 32.0 25.1 37.7



#12
2-Chlorophenol
Concen: 31.957 ng/ul
RT: 7.275 min Scan# 729
Delta R.T. 0.006 min
Lab File: BP020990.D
Acq: 16 Jul 2024 14:21

Tgt Ion:128 Resp: 447607
Ion Ratio Lower Upper
128 100
64 46.8 37.9 56.9
130 32.2 25.6 38.4





#13

2-Methylphenol

Concen: 31.010 ng/ul

RT: 8.146 min Scan# 81

Delta R.T. 0.012 min

Lab File: BP020990.D

Acq: 16 Jul 2024 14:21

Instrument :

BNA_P

ClientSampleId :

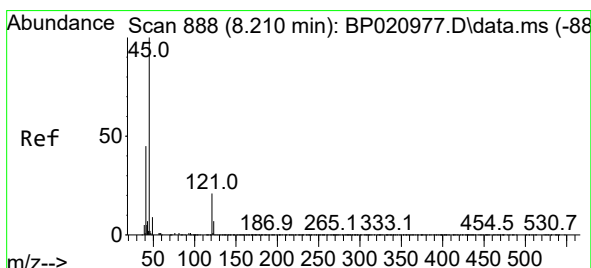
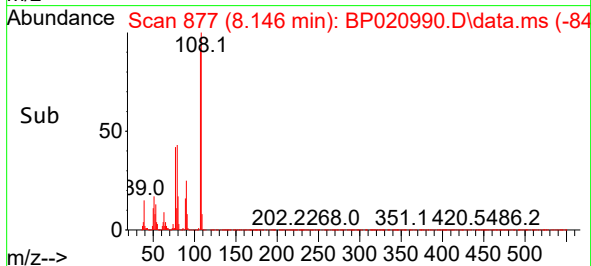
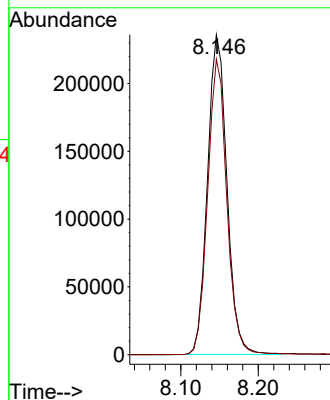
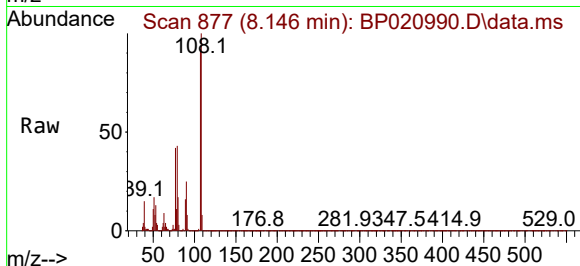
A4BS2MSD

Tgt Ion:108 Resp: 411624

Ion Ratio Lower Upper

108 100

107 92.3 73.8 110.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 29.835 ng/ul

RT: 8.205 min Scan# 887

Delta R.T. 0.000 min

Lab File: BP020990.D

Acq: 16 Jul 2024 14:21

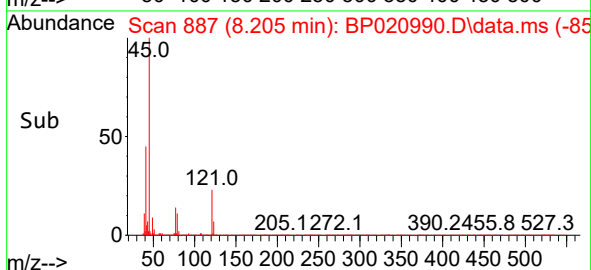
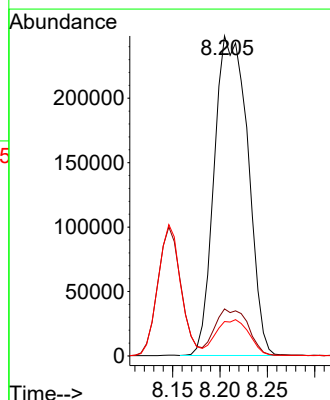
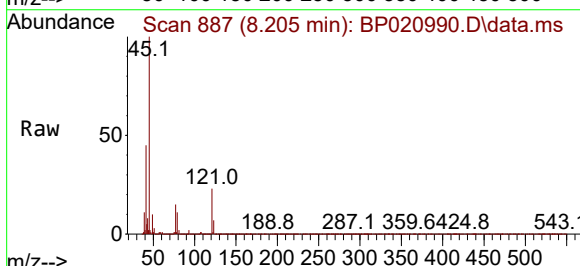
Tgt Ion: 45 Resp: 611147

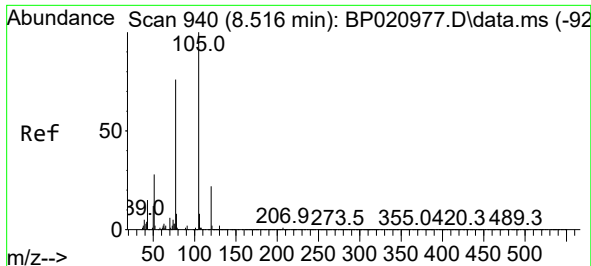
Ion Ratio Lower Upper

45 100

77 14.7 10.9 16.3

79 10.8 8.1 12.1

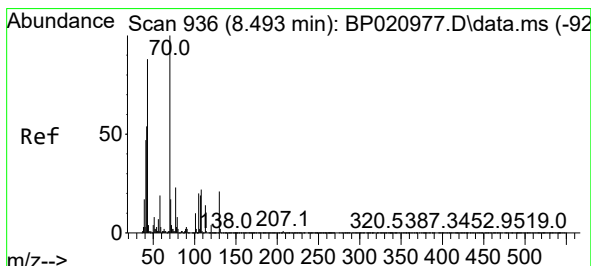
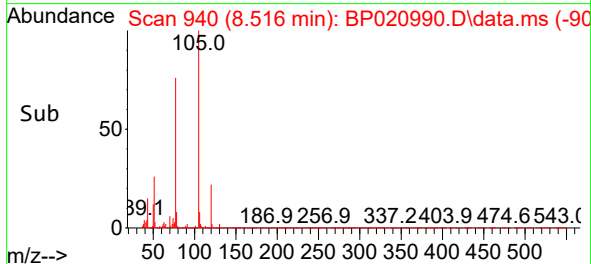
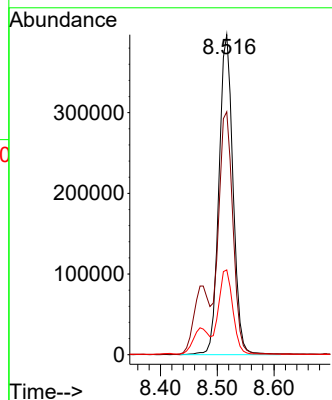
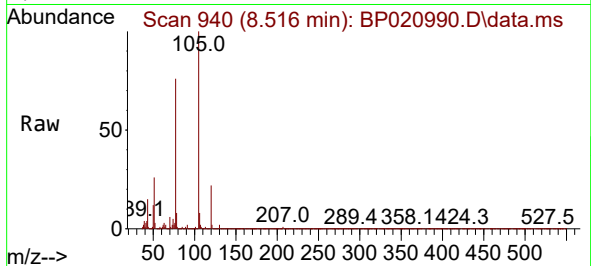




#16
Acetophenone
Concen: 31.340 ng/ul
RT: 8.516 min Scan# 940
Delta R.T. 0.018 min
Lab File: BP020990.D
Acq: 16 Jul 2024 14:21

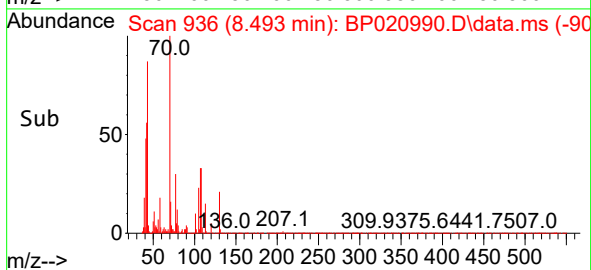
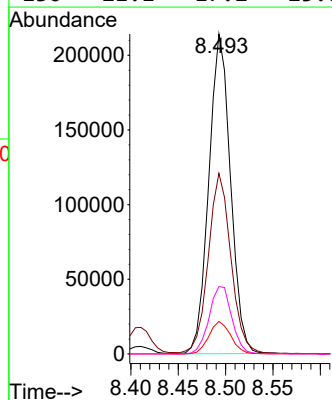
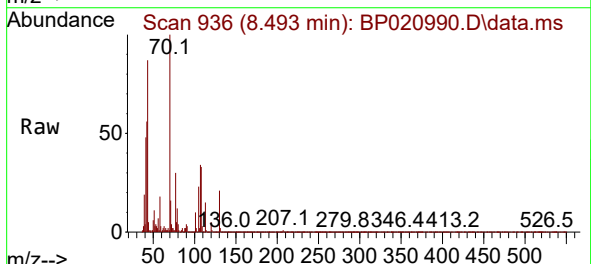
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A4BS2MSD

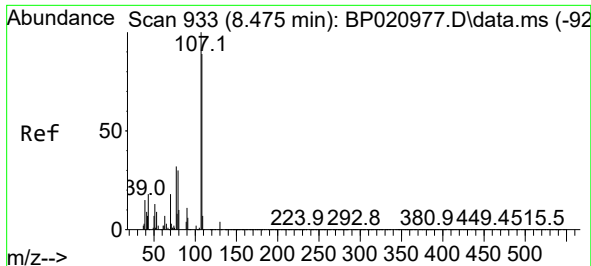
Tgt Ion:105 Resp: 681416
Ion Ratio Lower Upper
105 100
77 75.9 61.8 92.8
51 26.5 21.5 32.3



#17
N-Nitroso-di-n-propylamine
Concen: 29.862 ng/ul
RT: 8.493 min Scan# 936
Delta R.T. 0.012 min
Lab File: BP020990.D
Acq: 16 Jul 2024 14:21

Tgt Ion: 70 Resp: 340193
Ion Ratio Lower Upper
70 100
42 56.5 46.6 69.8
101 10.2 7.4 11.0
130 21.1 17.2 25.8

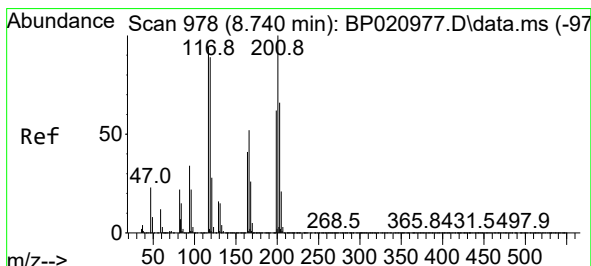
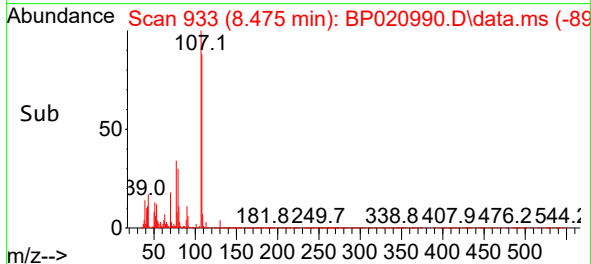
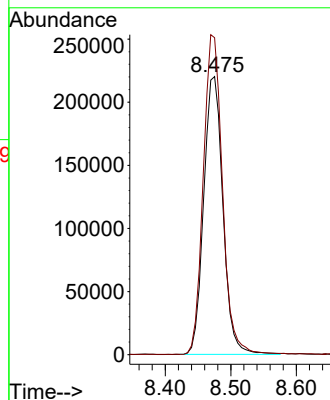
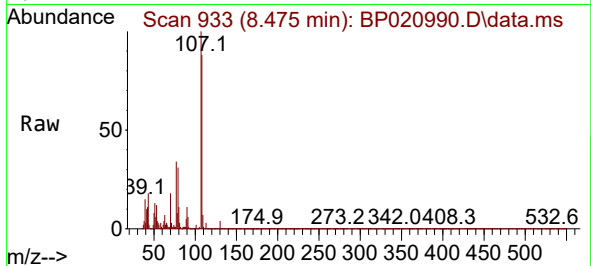




#18
4-Methylphenol
Concen: 31.643 ng/ul
RT: 8.475 min Scan# 911
Delta R.T. 0.018 min
Lab File: BP020990.D
Acq: 16 Jul 2024 14:21

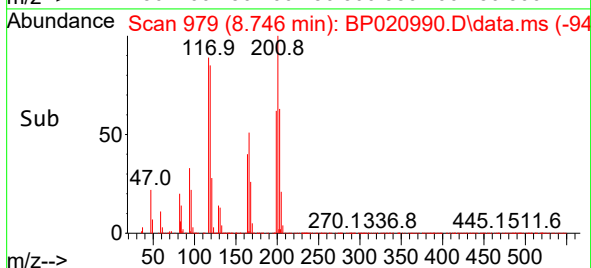
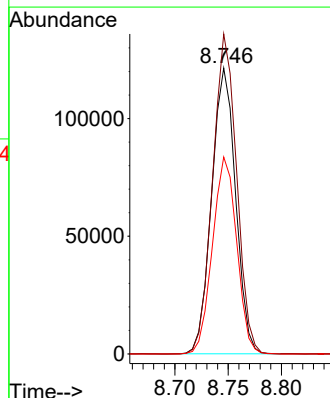
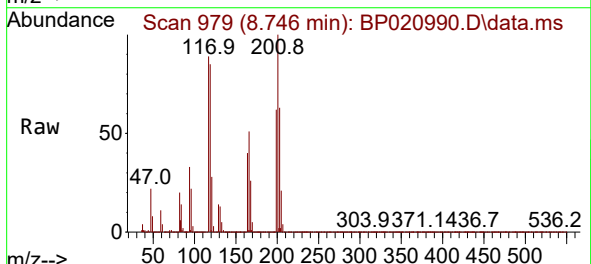
Instrument :
BNA_P
ClientSampleId :
A4BS2MSD

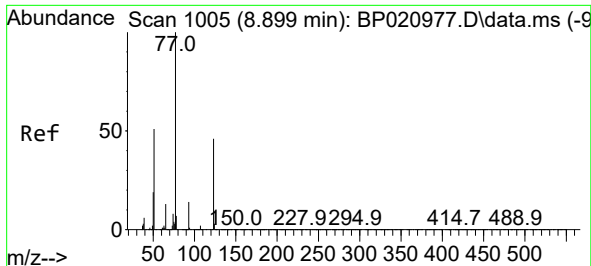
Tgt Ion:108 Resp: 449984
Ion Ratio Lower Upper
108 100
107 113.9 87.8 131.8



#19
Hexachloroethane
Concen: 30.158 ng/ul
RT: 8.746 min Scan# 979
Delta R.T. 0.006 min
Lab File: BP020990.D
Acq: 16 Jul 2024 14:21

Tgt Ion:117 Resp: 189821
Ion Ratio Lower Upper
117 100
201 111.9 88.2 132.2
199 68.9 55.8 83.6

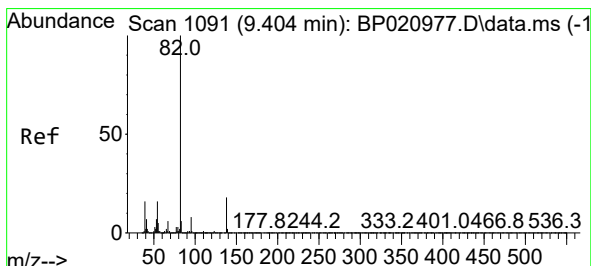
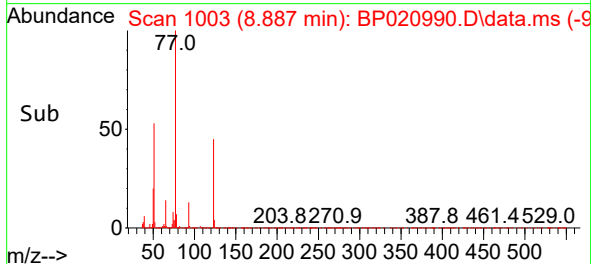
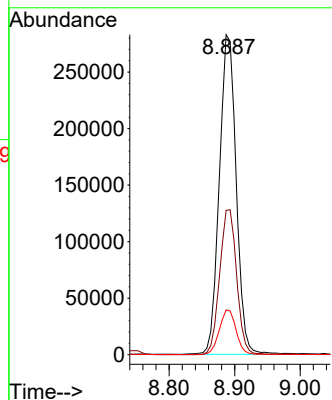
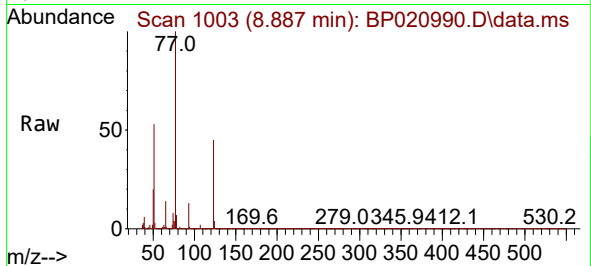




#22
Nitrobenzene
Concen: 33.499 ng/ul
RT: 8.887 min Scan# 1003
Delta R.T. 0.018 min
Lab File: BP020990.D
Acq: 16 Jul 2024 14:21

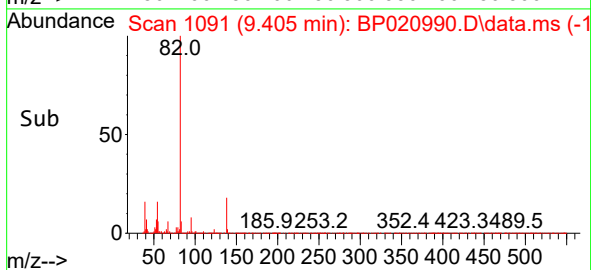
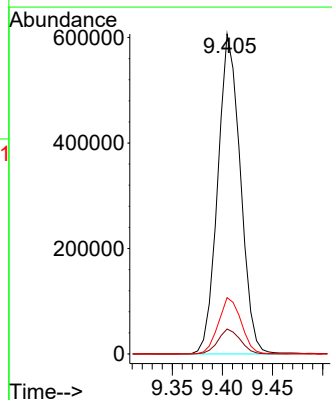
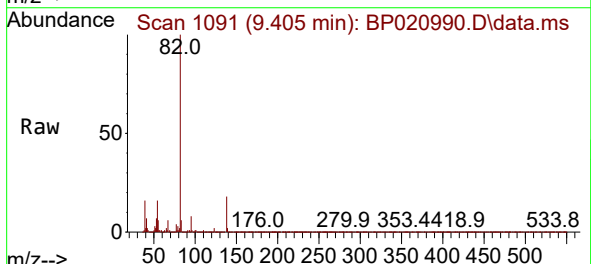
Instrument :
BNA_P
ClientSampleId :
A4BS2MSD

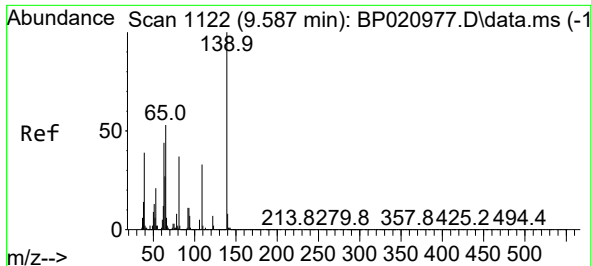
Tgt Ion: 77 Resp: 503811
Ion Ratio Lower Upper
77 100
123 45.1 36.7 55.1
65 14.0 11.1 16.7



#23
Isophorone
Concen: 31.699 ng/ul
RT: 9.405 min Scan# 1091
Delta R.T. 0.012 min
Lab File: BP020990.D
Acq: 16 Jul 2024 14:21

Tgt Ion: 82 Resp: 947766
Ion Ratio Lower Upper
82 100
95 7.8 6.1 9.1
138 17.6 14.4 21.6

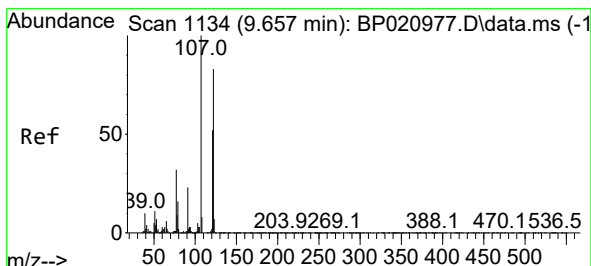
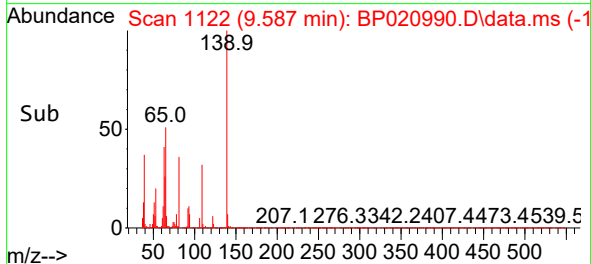
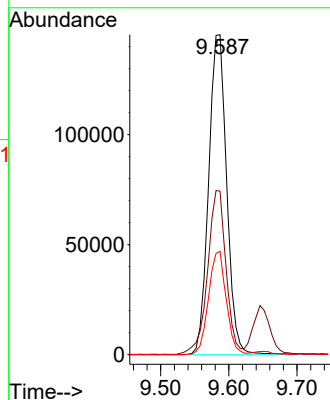
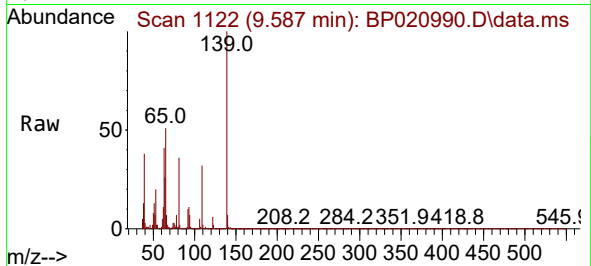




#25
2-Nitrophenol
Concen: 35.687 ng/ul
RT: 9.587 min Scan# 1122
Delta R.T. 0.012 min
Lab File: BP020990.D
Acq: 16 Jul 2024 14:21

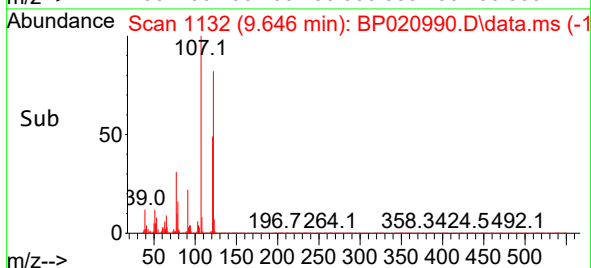
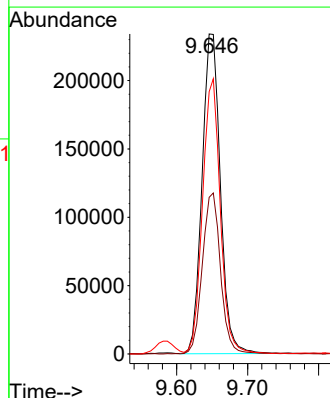
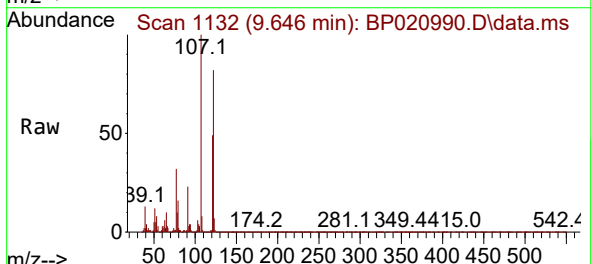
Instrument :
BNA_P
ClientSampleId :
A4BS2MSD

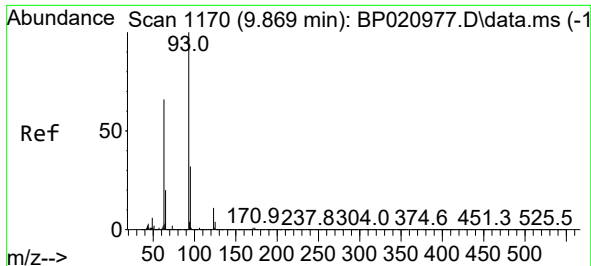
Tgt Ion:139 Resp: 267455
Ion Ratio Lower Upper
139 100
65 51.1 42.9 64.3
109 32.3 26.2 39.4



#26
2,4-Dimethylphenol
Concen: 28.460 ng/ul
RT: 9.646 min Scan# 1132
Delta R.T. 0.006 min
Lab File: BP020990.D
Acq: 16 Jul 2024 14:21

Tgt Ion:107 Resp: 420603
Ion Ratio Lower Upper
107 100
121 49.0 39.6 59.4
122 81.9 66.3 99.5

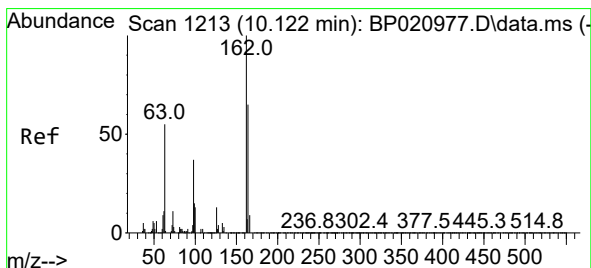
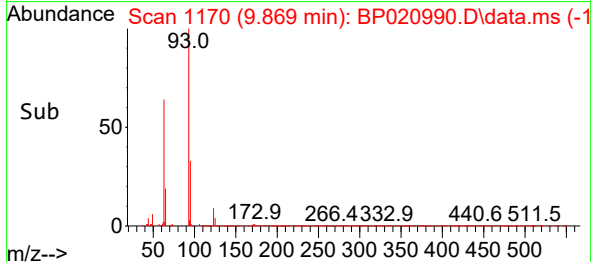
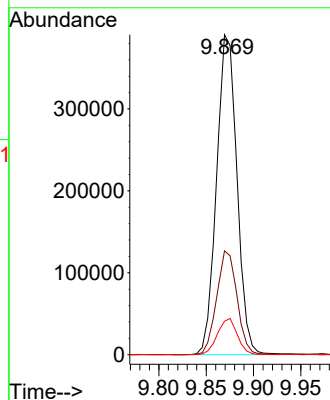
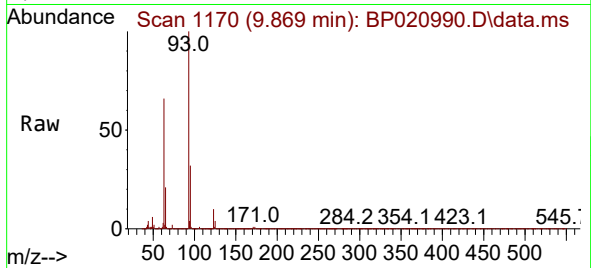




#27
 Bis(2-Chloroethoxy)methane
 Concen: 32.256 ng/ul
 RT: 9.869 min Scan# 1170
 Delta R.T. 0.006 min
 Lab File: BP020990.D
 Acq: 16 Jul 2024 14:21

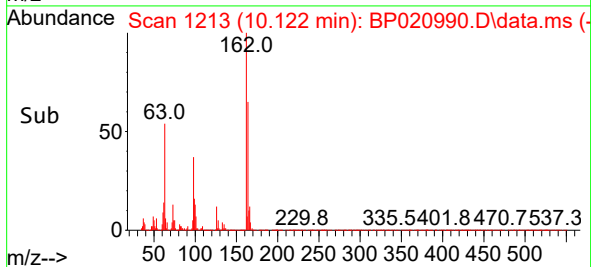
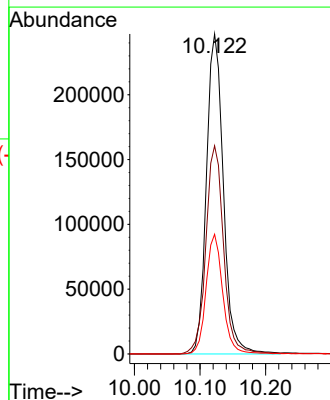
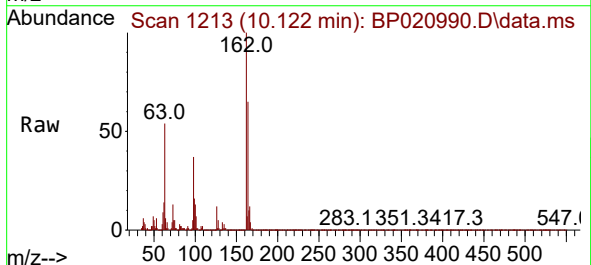
Instrument :
 BNA_P
 ClientSampleId :
 A4BS2MSD

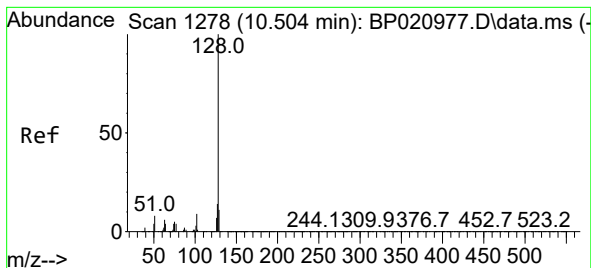
Tgt Ion: 93 Resp: 586220
 Ion Ratio Lower Upper
 93 100
 95 32.5 25.5 38.3
 123 10.4 9.0 13.4



#29
 2,4-Dichlorophenol
 Concen: 34.705 ng/ul
 RT: 10.122 min Scan# 1213
 Delta R.T. 0.012 min
 Lab File: BP020990.D
 Acq: 16 Jul 2024 14:21

Tgt Ion: 162 Resp: 444422
 Ion Ratio Lower Upper
 162 100
 164 65.1 53.3 79.9
 98 37.4 28.7 43.1





#30

Naphthalene

Concen: 33.211 ng/ul

RT: 10.505 min Scan# 1278

Delta R.T. 0.006 min

Lab File: BP020990.D

Acq: 16 Jul 2024 14:21

Instrument :

BNA_P

ClientSampleId :

A4BS2MSD

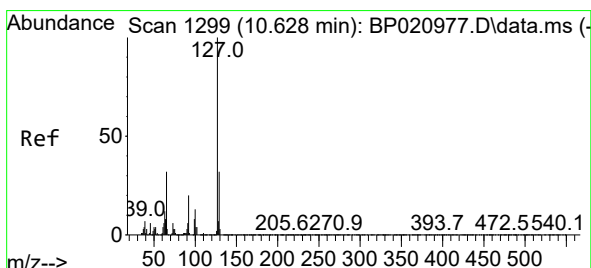
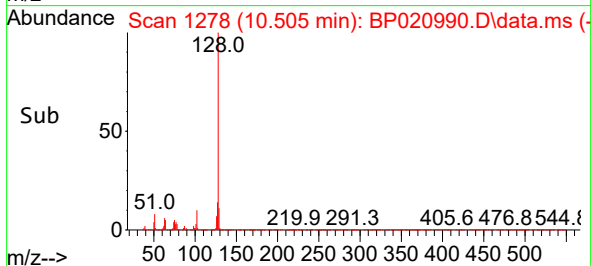
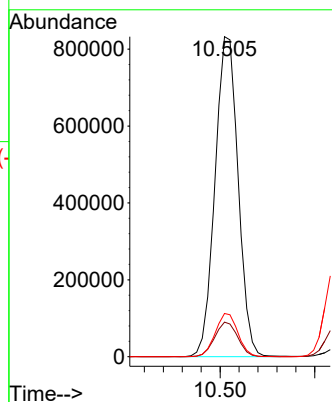
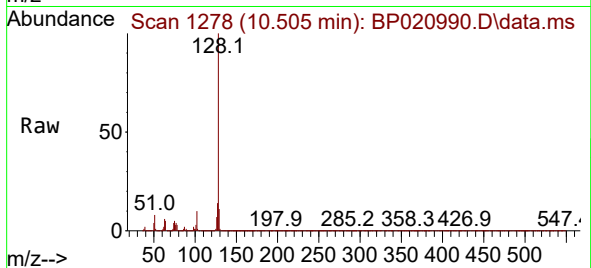
Tgt Ion:128 Resp: 1412060

Ion Ratio Lower Upper

128 100

129 10.8 8.6 13.0

127 13.5 10.8 16.2



#32

4-Chloroaniline

Concen: 28.009 ng/ul

RT: 10.622 min Scan# 1298

Delta R.T. 0.012 min

Lab File: BP020990.D

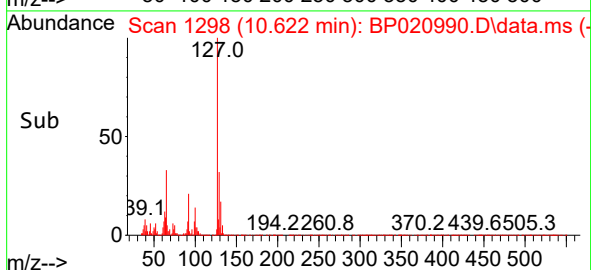
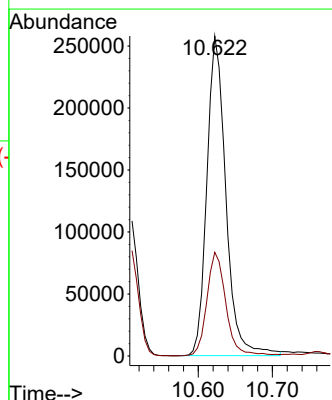
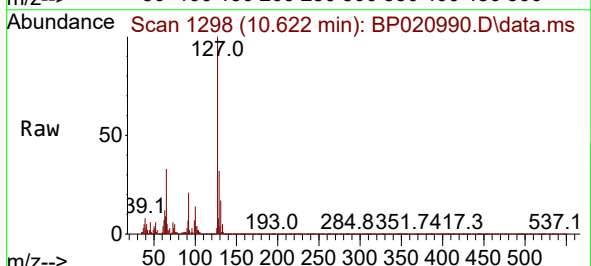
Acq: 16 Jul 2024 14:21

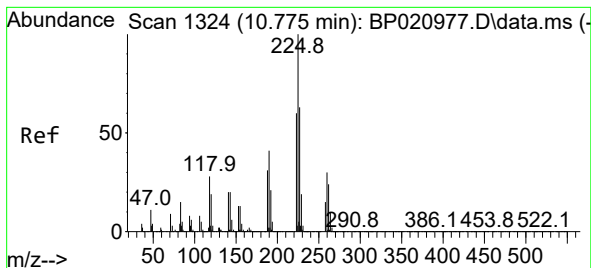
Tgt Ion:127 Resp: 460403

Ion Ratio Lower Upper

127 100

129 32.4 26.1 39.1





#33

Hexachlorobutadiene

Concen: 32.894 ng/ul

RT: 10.763 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP020990.D

Acq: 16 Jul 2024 14:21

Instrument :

BNA_P

ClientSampleId :

A4BS2MSD

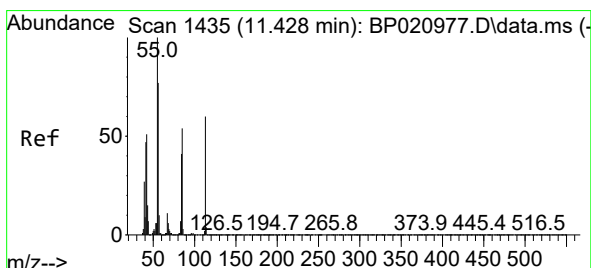
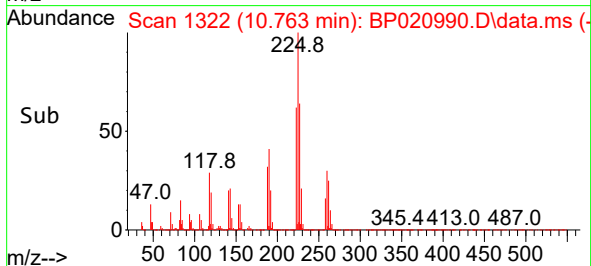
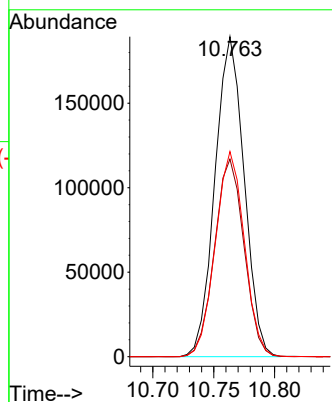
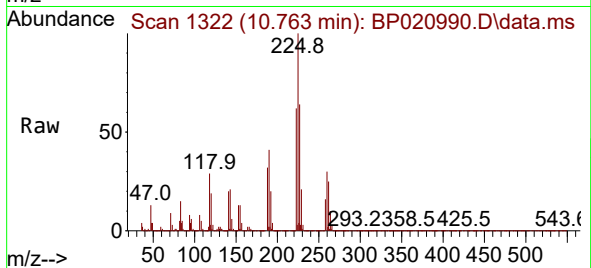
Tgt Ion:225 Resp: 315841

Ion Ratio Lower Upper

225 100

223 61.8 50.2 75.2

227 64.1 50.6 75.8



#34

Caprolactam

Concen: 36.732 ng/ul

RT: 11.428 min Scan# 1435

Delta R.T. 0.006 min

Lab File: BP020990.D

Acq: 16 Jul 2024 14:21

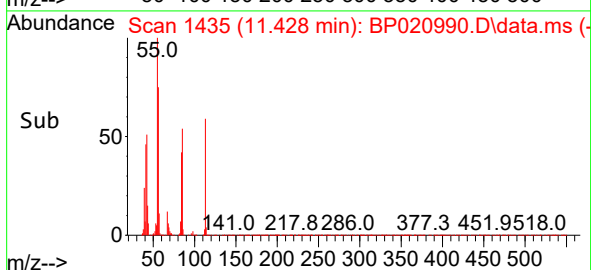
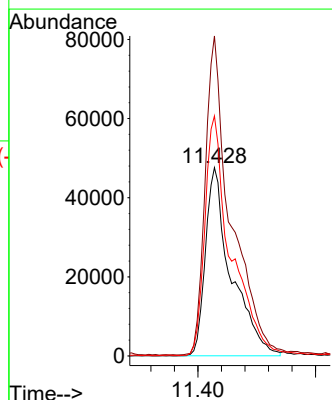
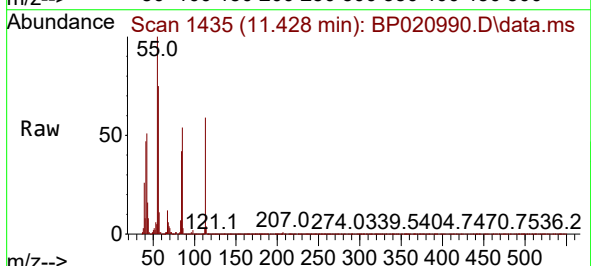
Tgt Ion:113 Resp: 144904

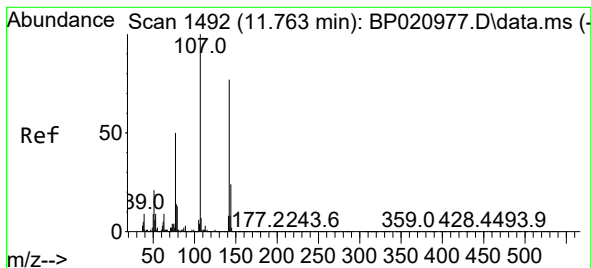
Ion Ratio Lower Upper

113 100

55 169.9 140.2 210.4

56 127.4 105.5 158.3

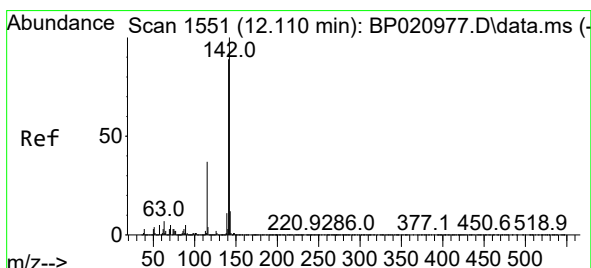
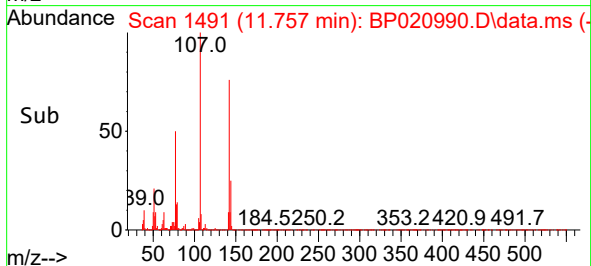
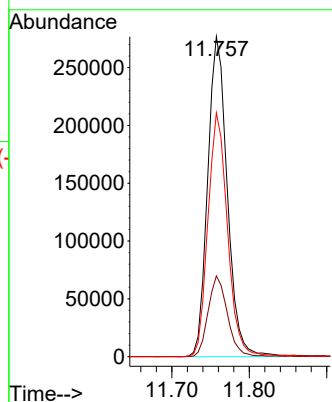
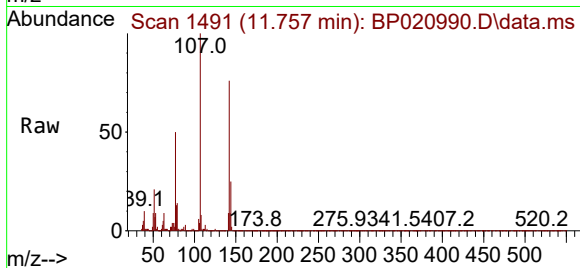




#35
4-Chloro-3-methylphenol
Concen: 34.932 ng/ul
RT: 11.757 min Scan# 1491
Delta R.T. 0.006 min
Lab File: BP020990.D
Acq: 16 Jul 2024 14:21

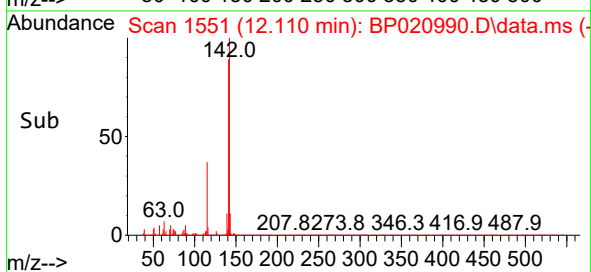
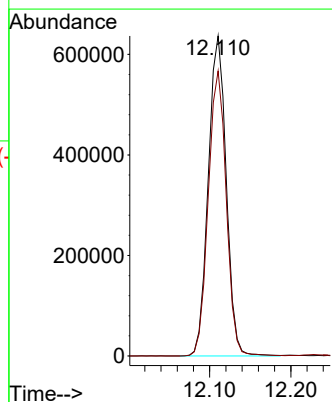
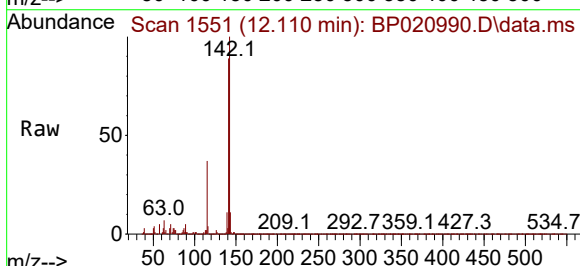
Instrument :
BNA_P
ClientSampleId :
A4BS2MSD

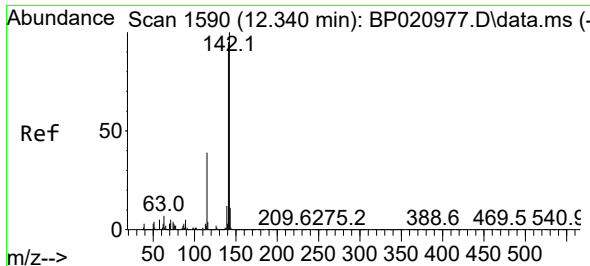
Tgt Ion:107 Resp: 486248
Ion Ratio Lower Upper
107 100
144 25.3 19.3 28.9
142 76.2 60.7 91.1



#36
2-Methylnaphthalene
Concen: 33.448 ng/ul
RT: 12.110 min Scan# 1551
Delta R.T. 0.006 min
Lab File: BP020990.D
Acq: 16 Jul 2024 14:21

Tgt Ion:142 Resp: 976216
Ion Ratio Lower Upper
142 100
141 89.0 72.6 108.8

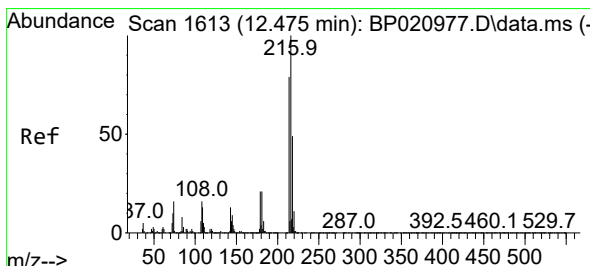
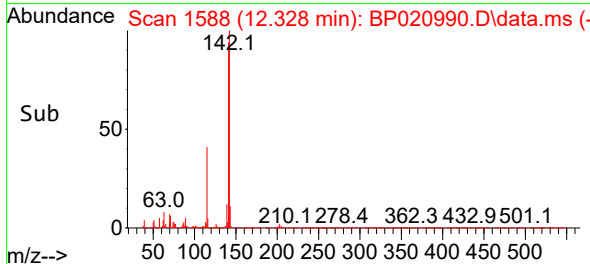
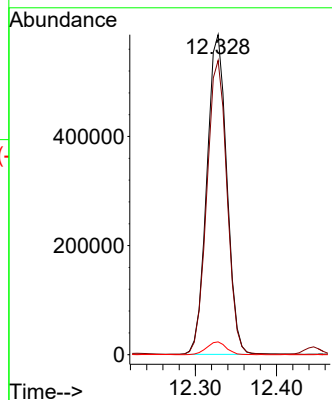
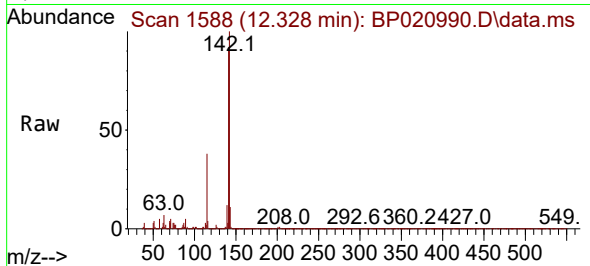




#37
1-Methylnaphthalene
Concen: 33.380 ng/ul
RT: 12.328 min Scan# 1588
Delta R.T. 0.006 min
Lab File: BP020990.D
Acq: 16 Jul 2024 14:21

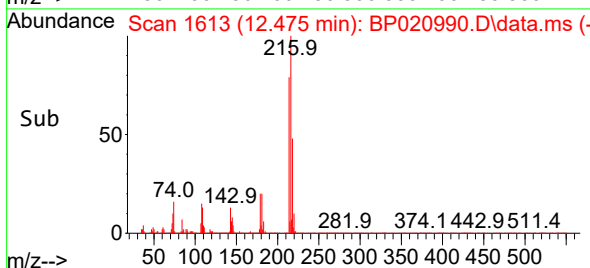
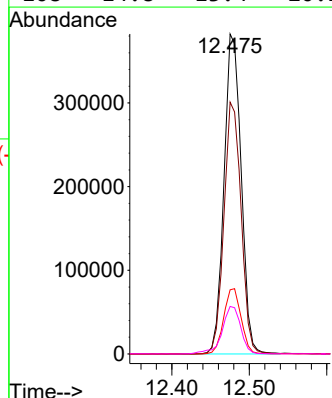
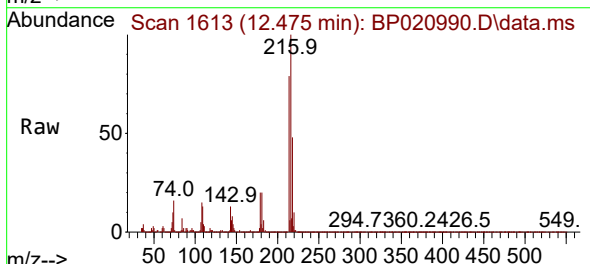
Instrument :
BNA_P
ClientSampleId :
A4BS2MSD

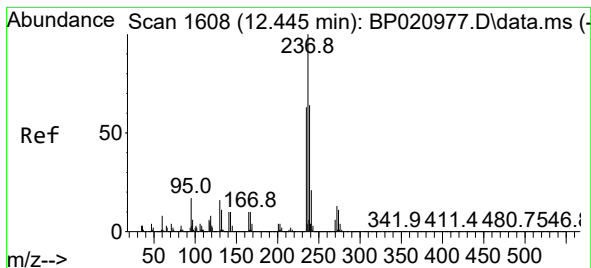
Tgt Ion:142 Resp: 1001993
Ion Ratio Lower Upper
142 100
141 91.9 75.0 112.6
116 4.0 3.2 4.8



#39
1,2,4,5-Tetrachlorobenzene
Concen: 34.878 ng/ul
RT: 12.475 min Scan# 1613
Delta R.T. 0.000 min
Lab File: BP020990.D
Acq: 16 Jul 2024 14:21

Tgt Ion:216 Resp: 589913
Ion Ratio Lower Upper
216 100
214 78.7 64.2 96.4
179 20.1 16.6 24.8
108 14.8 13.4 20.2





#40

Hexachlorocyclopentadiene

Concen: 21.095 ng/ul

RT: 12.446 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP020990.D

Acq: 16 Jul 2024 14:21

Instrument :

BNA_P

ClientSampleId :

A4BS2MSD

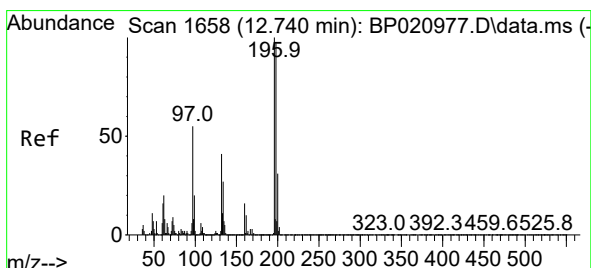
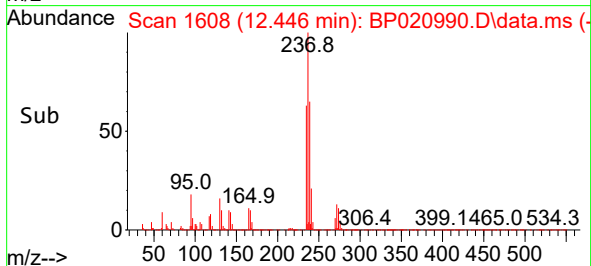
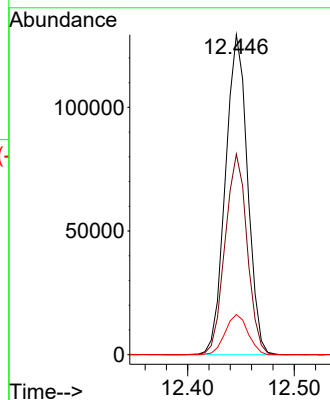
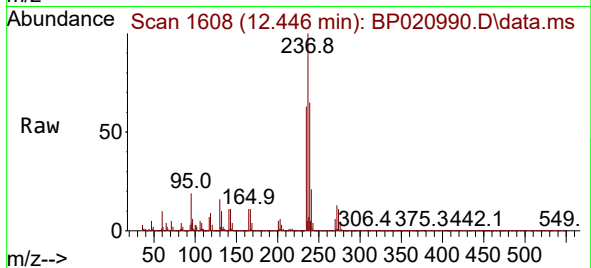
Tgt Ion:237 Resp: 186649

Ion Ratio Lower Upper

237 100

235 62.7 49.7 74.5

272 12.6 10.2 15.2



#41

2,4,6-Trichlorophenol

Concen: 34.674 ng/ul

RT: 12.734 min Scan# 1657

Delta R.T. 0.000 min

Lab File: BP020990.D

Acq: 16 Jul 2024 14:21

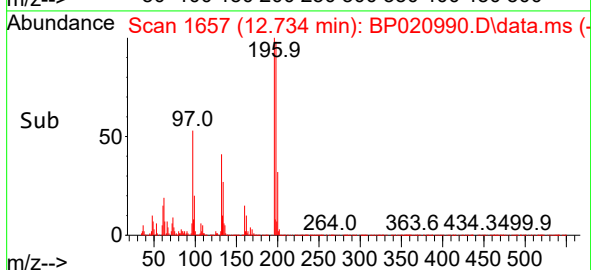
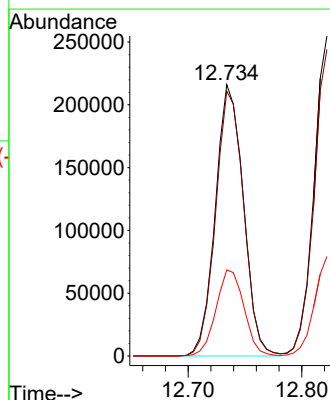
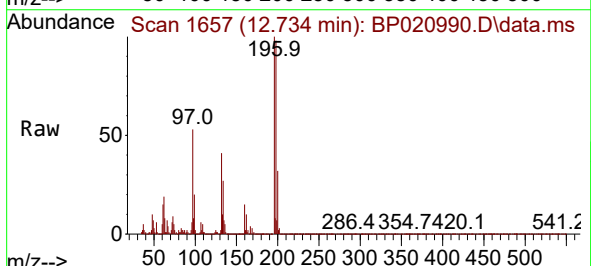
Tgt Ion:196 Resp: 370575

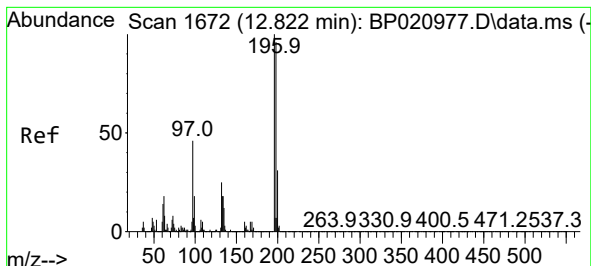
Ion Ratio Lower Upper

196 100

198 97.6 76.6 115.0

200 31.8 26.0 39.0





#42

2,4,5-Trichlorophenol

Concen: 36.318 ng/ul

RT: 12.822 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP020990.D

Acq: 16 Jul 2024 14:21

Instrument :

BNA_P

ClientSampleId :

A4BS2MSD

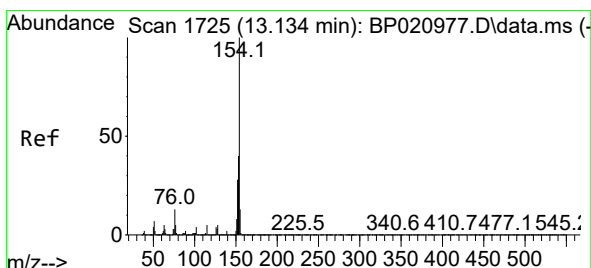
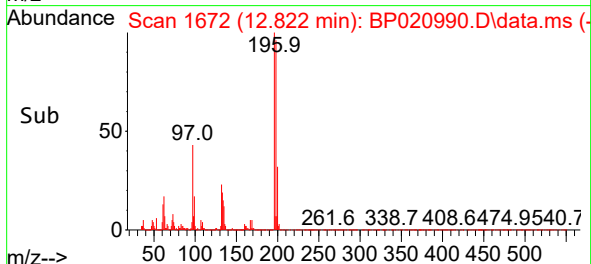
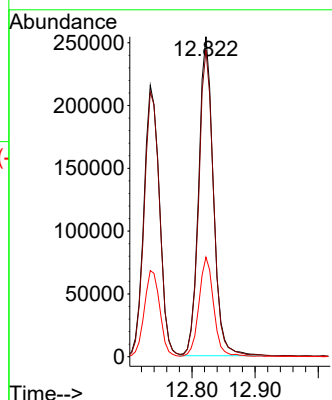
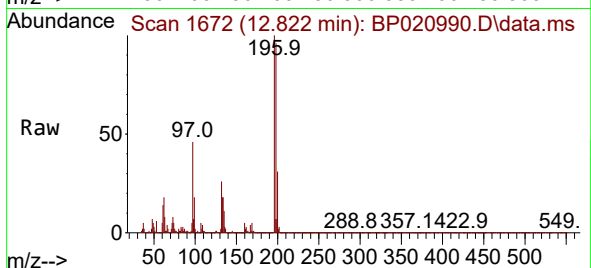
Tgt Ion:196 Resp: 410678

Ion Ratio Lower Upper

196 100

198 95.8 77.1 115.7

200 31.1 25.3 37.9



#43

1,1'-Biphenyl

Concen: 34.109 ng/ul

RT: 13.134 min Scan# 1725

Delta R.T. 0.000 min

Lab File: BP020990.D

Acq: 16 Jul 2024 14:21

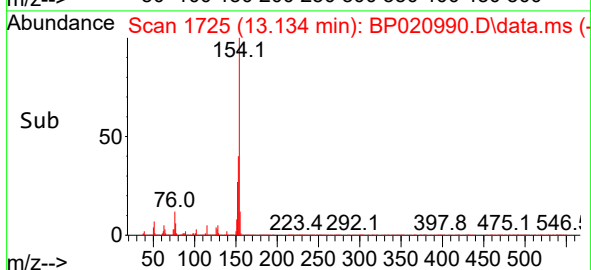
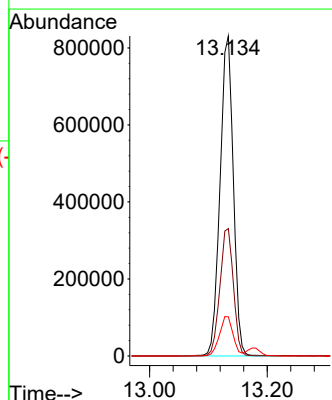
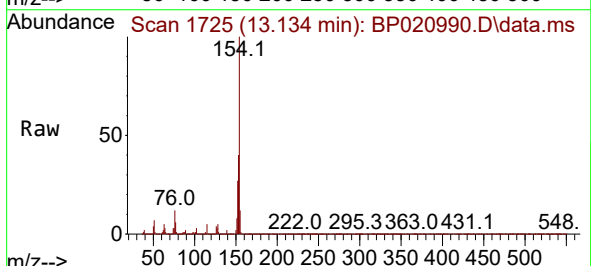
Tgt Ion:154 Resp: 1298236

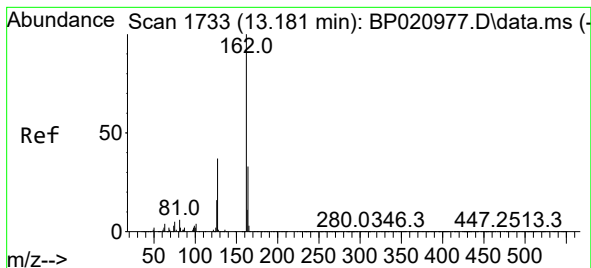
Ion Ratio Lower Upper

154 100

153 39.8 32.7 49.1

76 12.2 9.4 14.2





#44

2-Chloronaphthalene

Concen: 34.100 ng/ul

RT: 13.175 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP020990.D

Acq: 16 Jul 2024 14:21

Instrument :

BNA_P

ClientSampleId :

A4BS2MSD

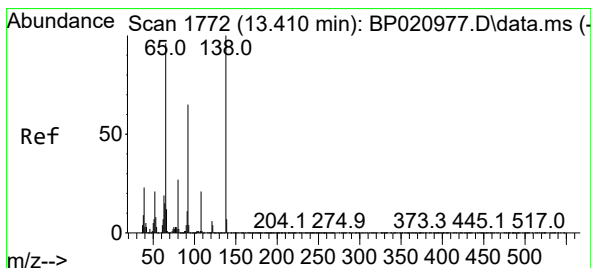
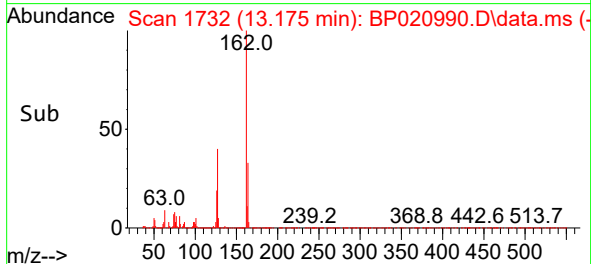
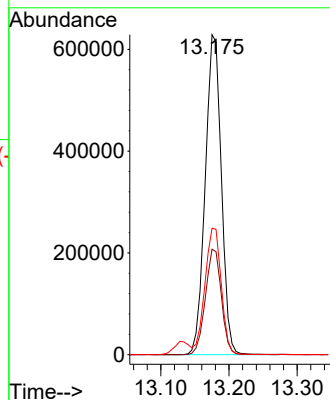
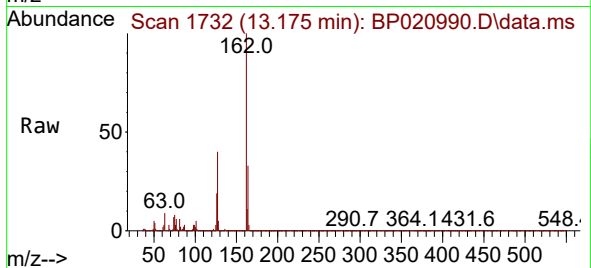
Tgt Ion:162 Resp: 1036138

Ion Ratio Lower Upper

162 100

164 32.9 26.3 39.5

127 39.6 31.8 47.8



#45

2-Nitroaniline

Concen: 37.369 ng/ul

RT: 13.399 min Scan# 1770

Delta R.T. 0.000 min

Lab File: BP020990.D

Acq: 16 Jul 2024 14:21

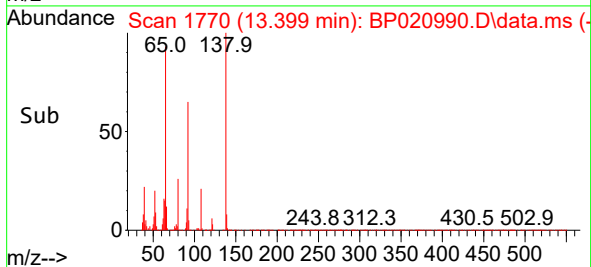
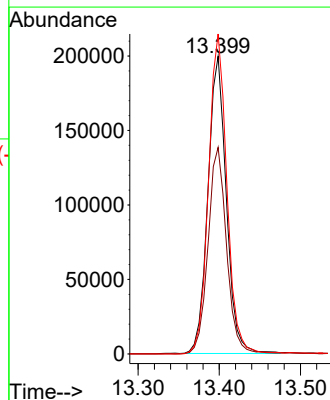
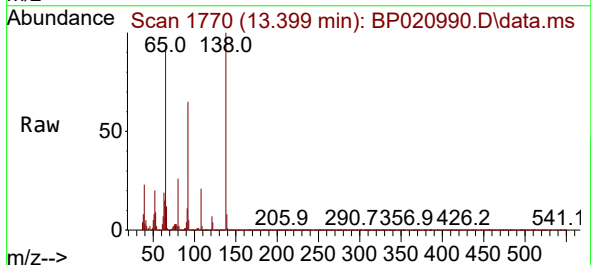
Tgt Ion: 65 Resp: 314006

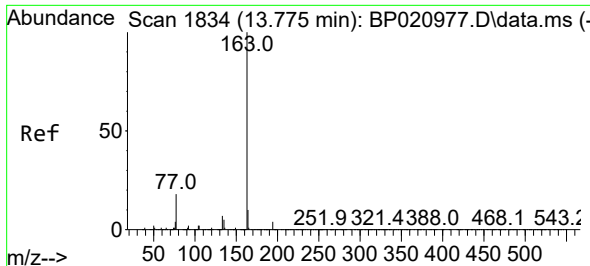
Ion Ratio Lower Upper

65 100

92 69.4 56.7 85.1

138 107.5 85.6 128.4

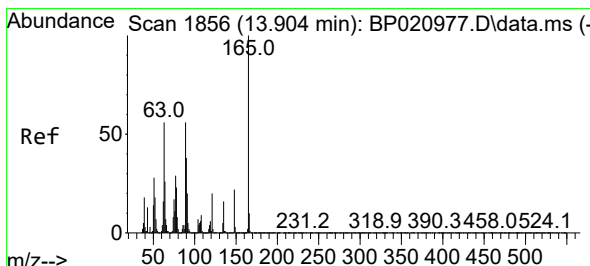
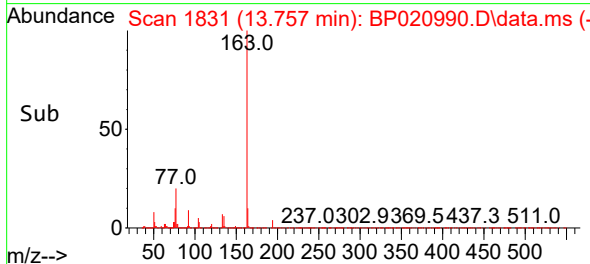
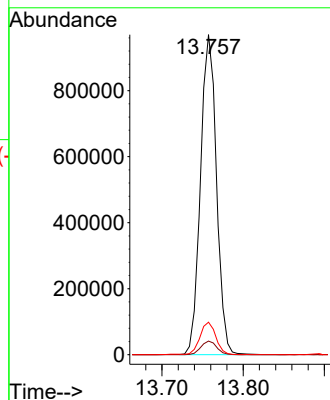
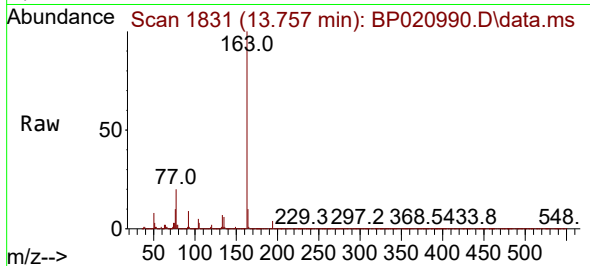




#47
Dimethylphthalate
Concen: 34.532 ng/ul
RT: 13.757 min Scan# 1831
Delta R.T. 0.000 min
Lab File: BP020990.D
Acq: 16 Jul 2024 14:21

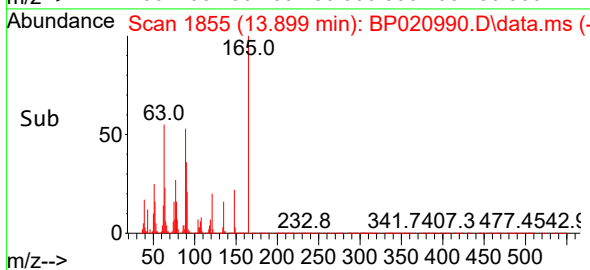
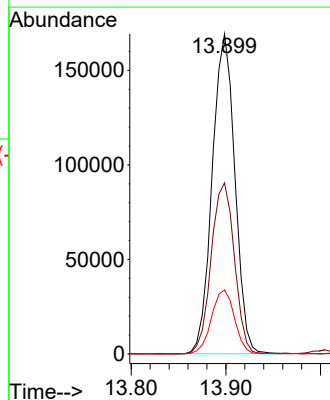
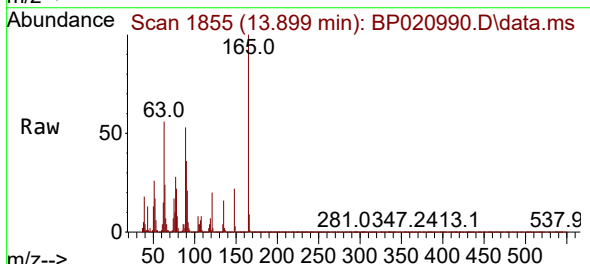
Instrument :
BNA_P
ClientSampleId :
A4BS2MSD

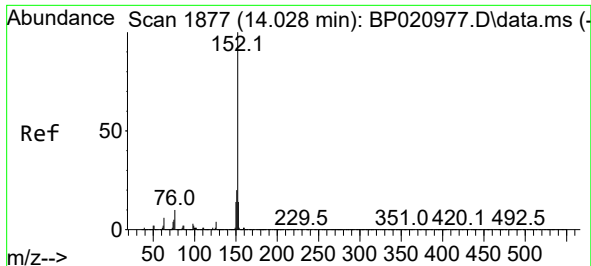
Tgt Ion:163 Resp: 1326556
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.2 8.1 12.1



#48
2,6-Dinitrotoluene
Concen: 36.683 ng/ul
RT: 13.899 min Scan# 1855
Delta R.T. 0.006 min
Lab File: BP020990.D
Acq: 16 Jul 2024 14:21

Tgt Ion:165 Resp: 281737
Ion Ratio Lower Upper
165 100
89 53.5 44.7 67.1
121 20.1 16.5 24.7

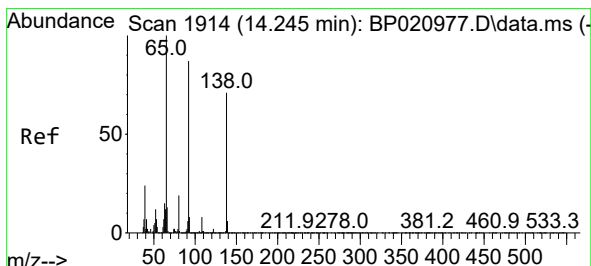
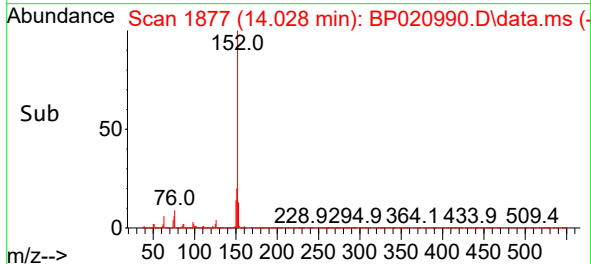
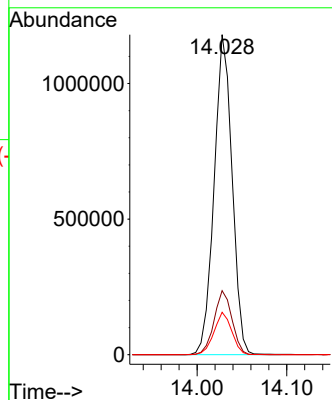
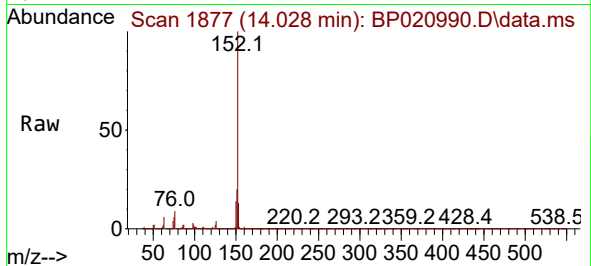




#50
Acenaphthylene
Concen: 34.081 ng/ul
RT: 14.028 min Scan# 1877
Delta R.T. 0.000 min
Lab File: BP020990.D
Acq: 16 Jul 2024 14:21

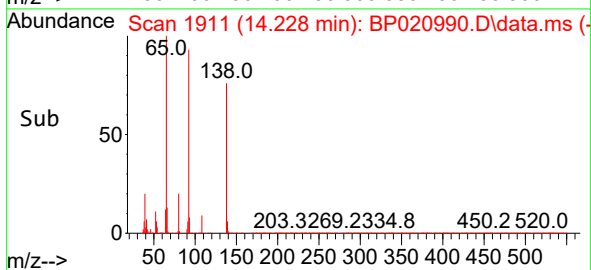
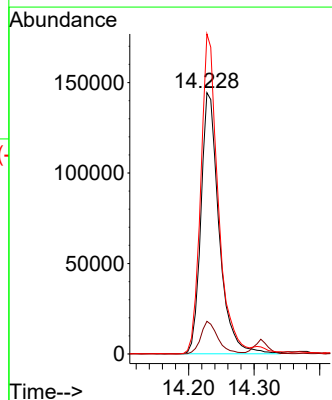
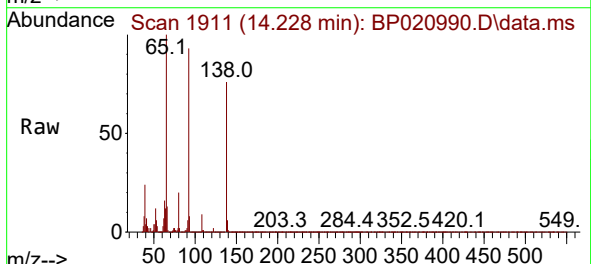
Instrument :
BNA_P
ClientSampleId :
A4BS2MSD

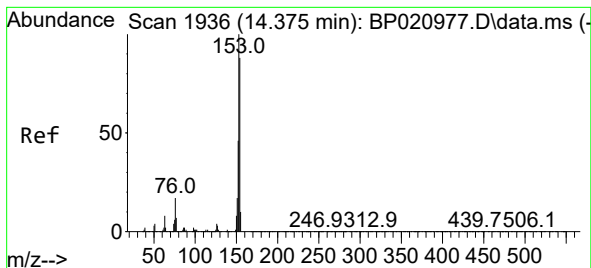
Tgt Ion:152 Resp: 1640397
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2
153 13.3 10.3 15.5



#51
3-Nitroaniline
Concen: 41.538 ng/ul
RT: 14.228 min Scan# 1911
Delta R.T. -0.006 min
Lab File: BP020990.D
Acq: 16 Jul 2024 14:21

Tgt Ion:138 Resp: 277617
Ion Ratio Lower Upper
138 100
108 12.5 9.8 14.8
92 122.5 98.0 147.0





#52

Acenaphthene

Concen: 33.487 ng/ul

RT: 14.375 min Scan# 1936

Delta R.T. 0.006 min

Lab File: BP020990.D

Acq: 16 Jul 2024 14:21

Instrument :

BNA_P

ClientSampleId :

A4BS2MSD

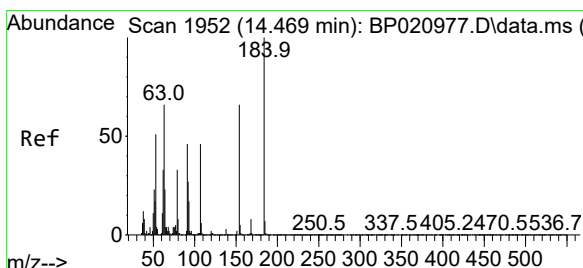
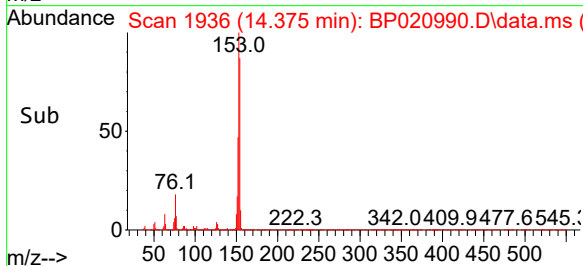
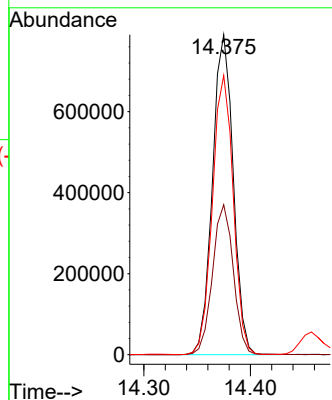
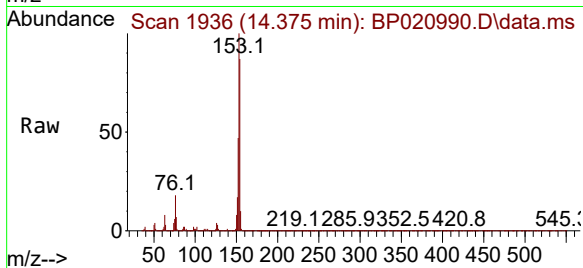
Tgt Ion:153 Resp: 1069797

Ion Ratio Lower Upper

153 100

152 46.8 37.8 56.6

154 87.2 71.8 107.6



#53

2,4-Dinitrophenol

Concen: 36.404 ng/ul

RT: 14.457 min Scan# 1950

Delta R.T. -0.000 min

Lab File: BP020990.D

Acq: 16 Jul 2024 14:21

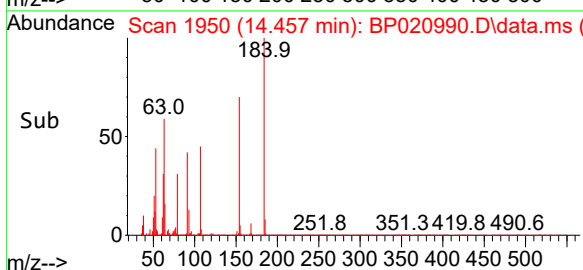
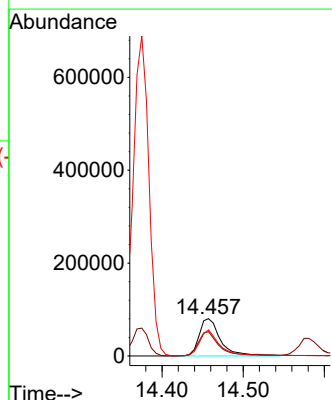
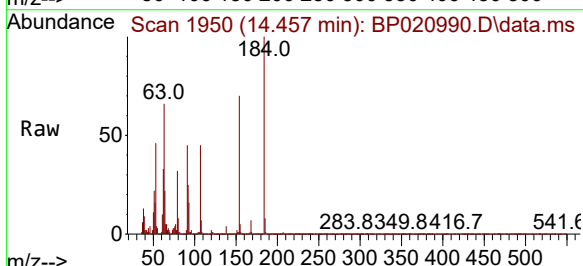
Tgt Ion:184 Resp: 146832

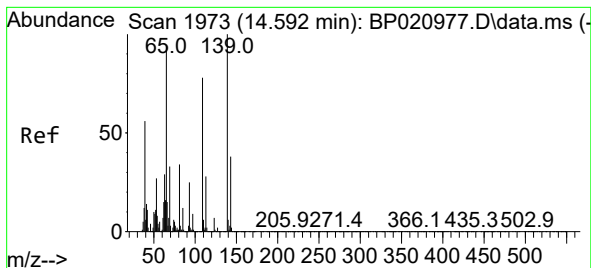
Ion Ratio Lower Upper

184 100

63 65.5 50.3 75.5

154 70.0 53.0 79.6

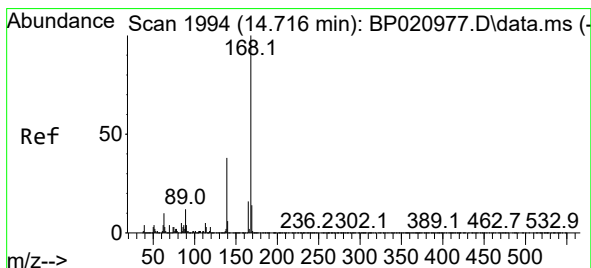
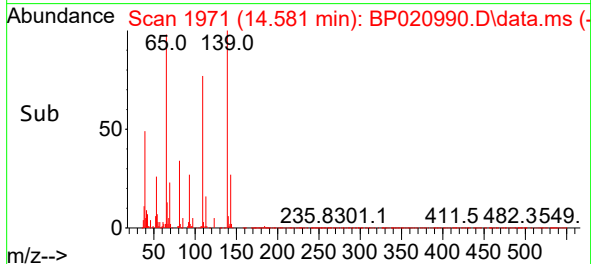
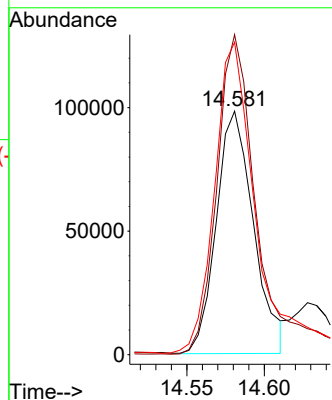
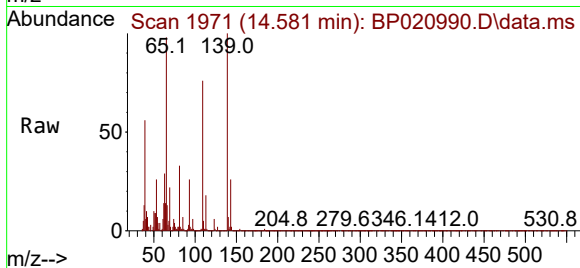




#55
4-Nitrophenol
Concen: 37.457 ng/ul
RT: 14.581 min Scan# 1973
Delta R.T. 0.000 min
Lab File: BP020990.D
Acq: 16 Jul 2024 14:21

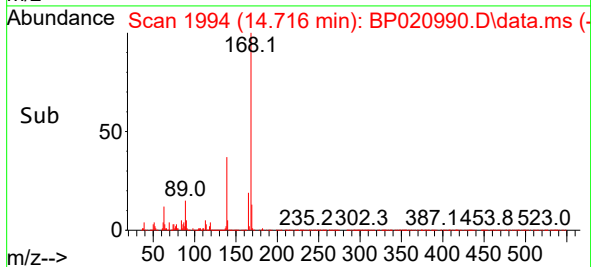
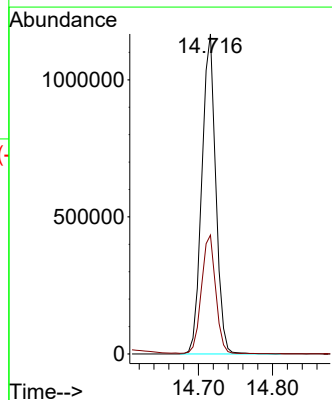
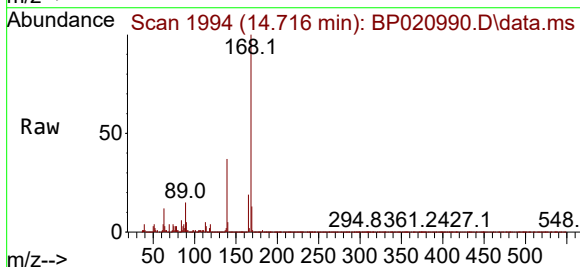
Instrument :
BNA_P
ClientSampleId :
A4BS2MSD

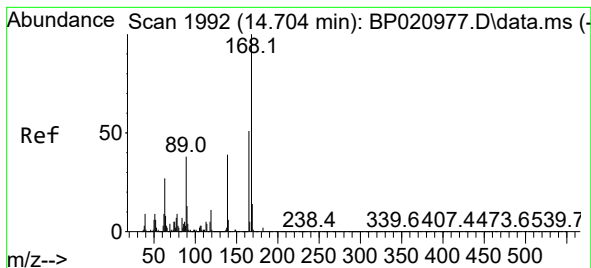
Tgt Ion:	109	Resp:	164128
Ion	Ratio	Lower	Upper
109	100		
139	131.4	98.0	147.0
65	128.4	106.0	159.0



#56
Dibenzofuran
Concen: 34.763 ng/ul
RT: 14.716 min Scan# 1994
Delta R.T. 0.006 min
Lab File: BP020990.D
Acq: 16 Jul 2024 14:21

Tgt Ion:	168	Resp:	1520780
Ion	Ratio	Lower	Upper
168	100		
139	37.2	31.1	46.7

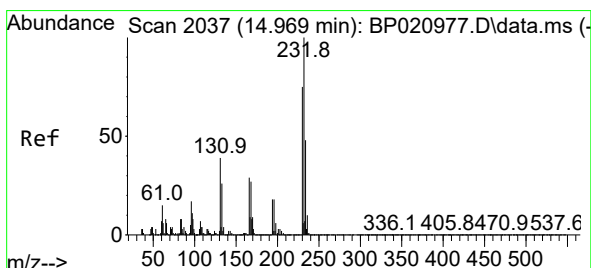
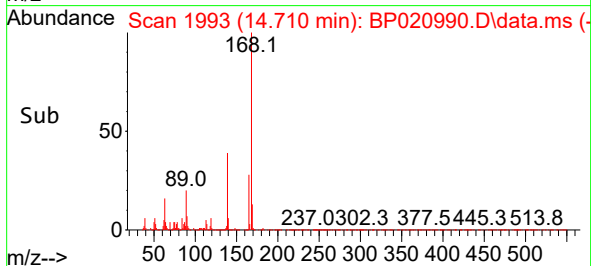
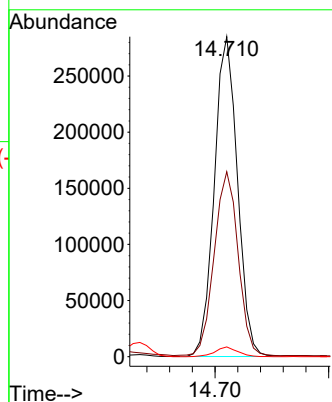
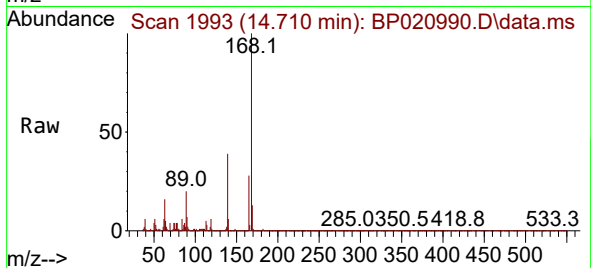




#57
2,4-Dinitrotoluene
Concen: 38.245 ng/ul
RT: 14.710 min Scan# 1993
Delta R.T. 0.000 min
Lab File: BP020990.D
Acq: 16 Jul 2024 14:21

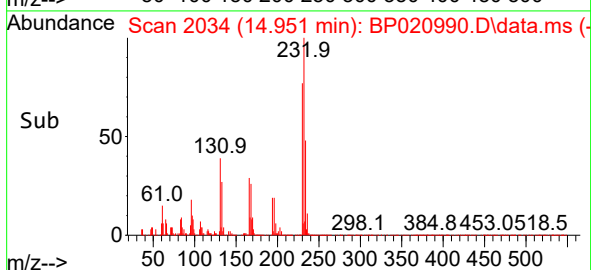
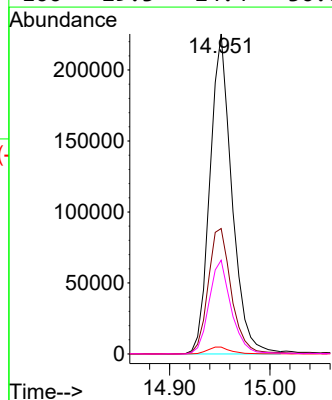
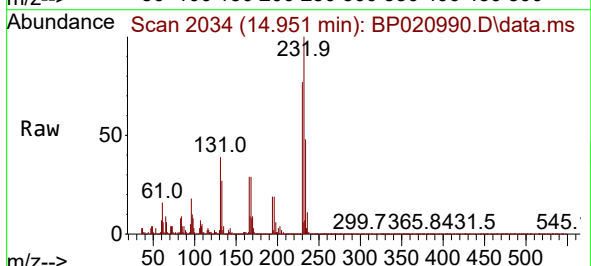
Instrument :
BNA_P
ClientSampleId :
A4BS2MSD

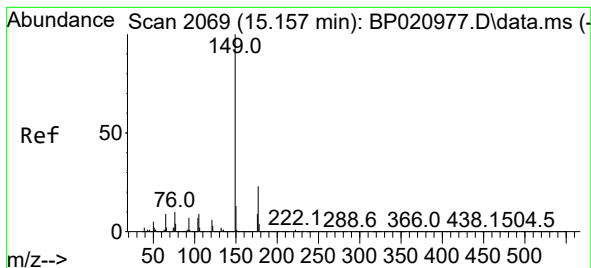
Tgt Ion:165 Resp: 403216
Ion Ratio Lower Upper
165 100
63 57.8 41.0 61.4
182 3.1 2.2 3.4



#58
2,3,4,6-Tetrachlorophenol
Concen: 35.417 ng/ul
RT: 14.951 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BP020990.D
Acq: 16 Jul 2024 14:21

Tgt Ion:232 Resp: 342945
Ion Ratio Lower Upper
232 100
131 39.2 34.4 51.6
130 2.2 2.0 3.0
166 29.3 24.4 36.6





#59

Diethylphthalate

Concen: 34.629 ng/ul

RT: 15.151 min Scan# 2069

Delta R.T. 0.000 min

Lab File: BP020990.D

Acq: 16 Jul 2024 14:21

Instrument :

BNA_P

ClientSampleId :

A4BS2MSD

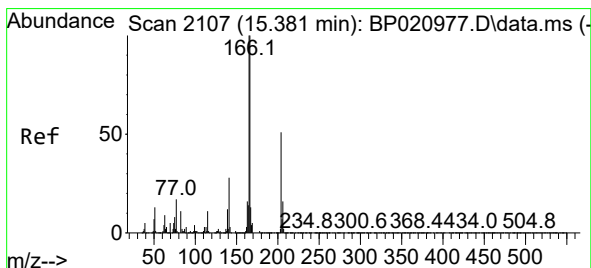
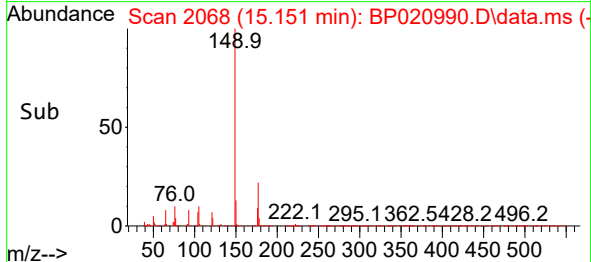
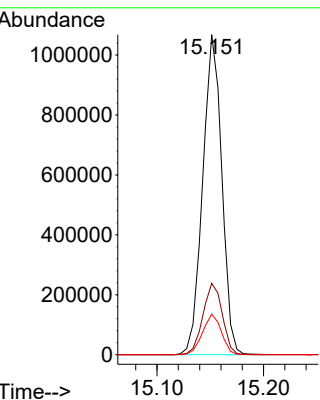
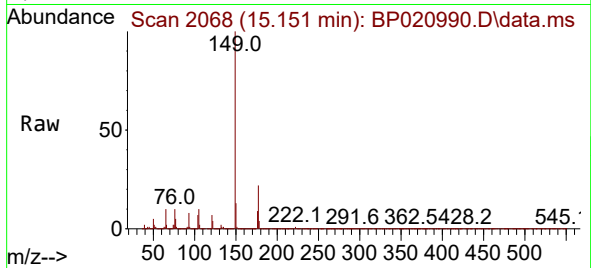
Tgt Ion:149 Resp: 1329470

Ion Ratio Lower Upper

149 100

177 22.3 17.7 26.5

150 12.7 10.2 15.2



#61

Fluorene

Concen: 35.158 ng/ul

RT: 15.375 min Scan# 2106

Delta R.T. 0.000 min

Lab File: BP020990.D

Acq: 16 Jul 2024 14:21

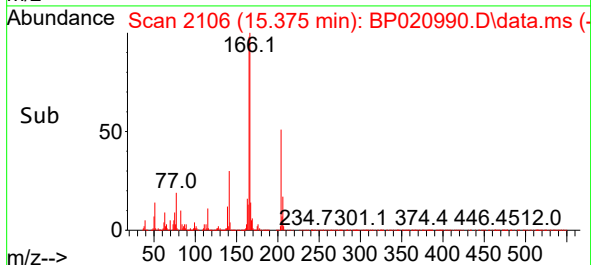
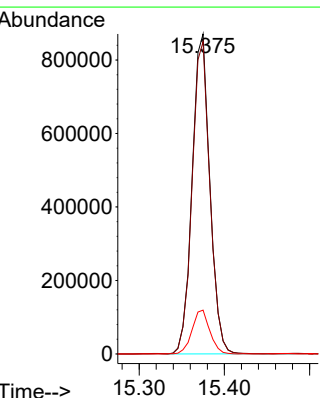
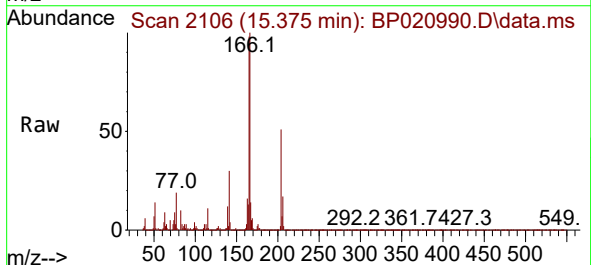
Tgt Ion:166 Resp: 1255131

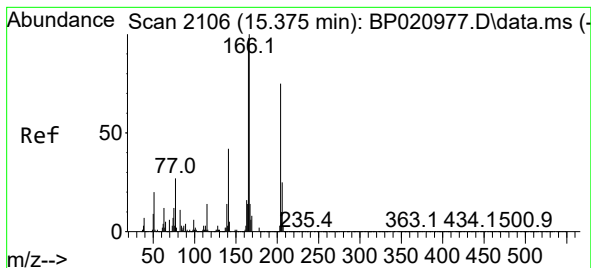
Ion Ratio Lower Upper

166 100

165 97.6 78.1 117.1

167 13.7 10.9 16.3

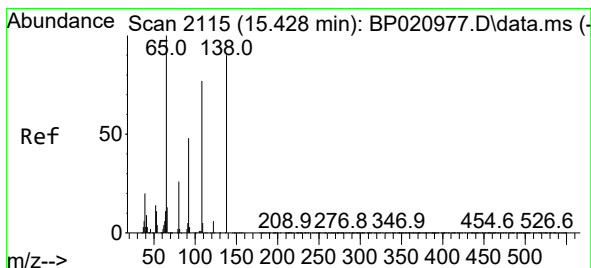
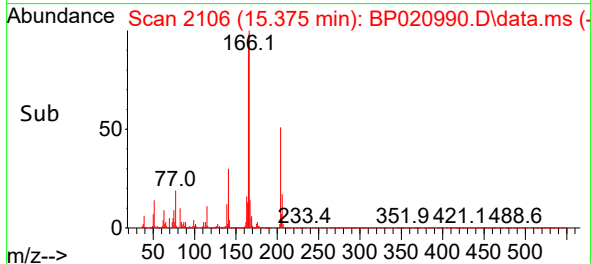
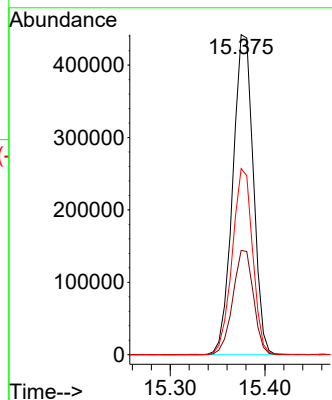
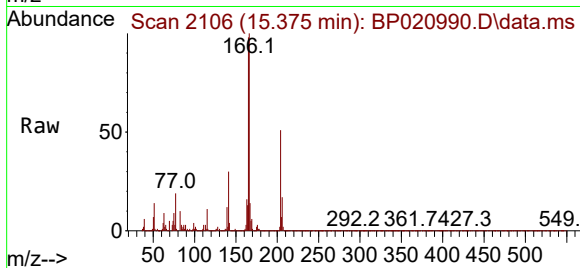




#62
4-Chlorophenyl-phenylether
Concen: 34.398 ng/ul
RT: 15.375 min Scan# 2106
Delta R.T. -0.006 min
Lab File: BP020990.D
Acq: 16 Jul 2024 14:21

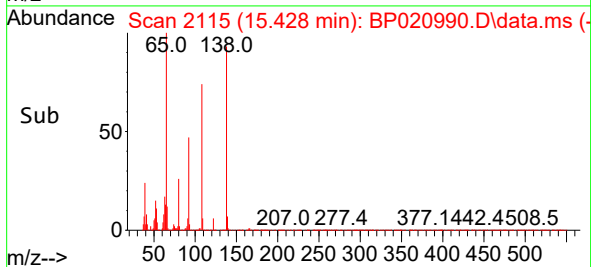
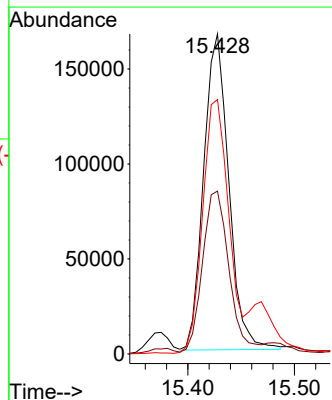
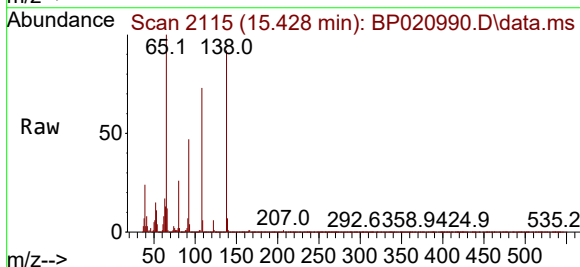
Instrument :
BNA_P
ClientSampleId :
A4BS2MSD

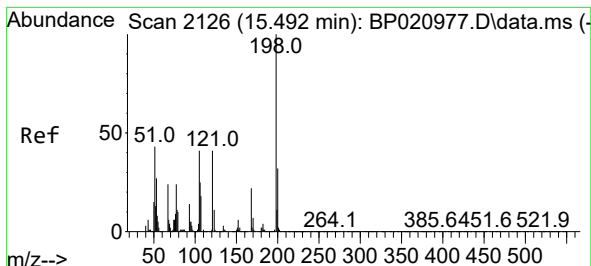
Tgt Ion:204 Resp: 666343
Ion Ratio Lower Upper
204 100
206 32.6 26.4 39.6
141 58.2 48.5 72.7



#63
4-Nitroaniline
Concen: 49.248 ng/ul
RT: 15.428 min Scan# 2115
Delta R.T. 0.006 min
Lab File: BP020990.D
Acq: 16 Jul 2024 14:21

Tgt Ion:138 Resp: 272571
Ion Ratio Lower Upper
138 100
92 50.9 40.9 61.3
108 79.5 64.7 97.1

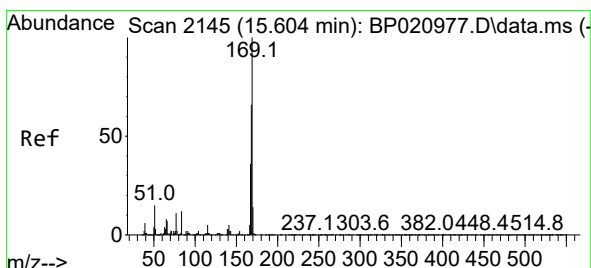
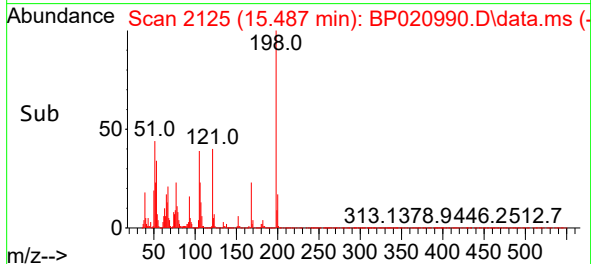
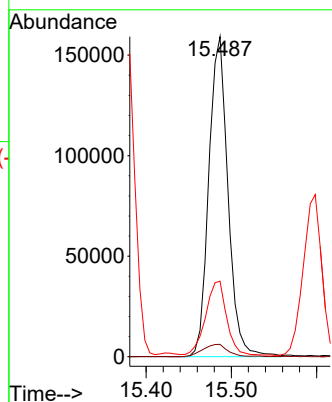
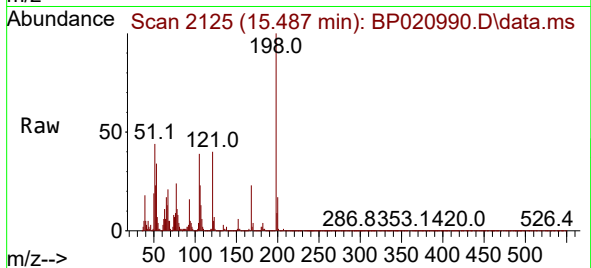




#66
4,6-Dinitro-2-methylphenol
Concen: 33.695 ng/ul
RT: 15.487 min Scan# 2126
Delta R.T. 0.012 min
Lab File: BP020990.D
Acq: 16 Jul 2024 14:21

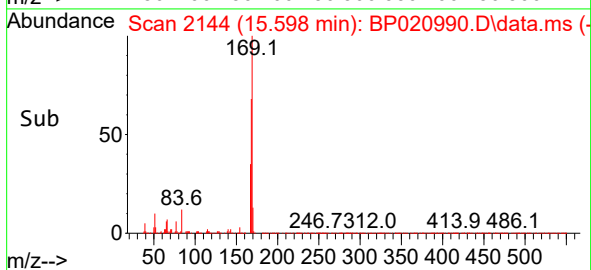
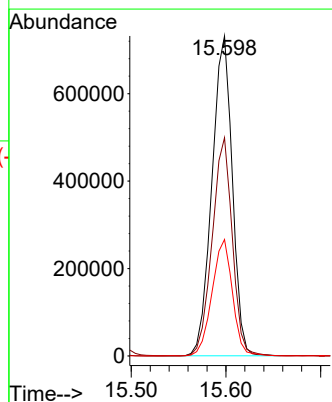
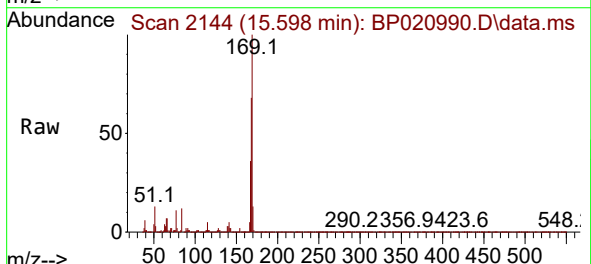
Instrument :
BNA_P
ClientSampleId :
A4BS2MSD

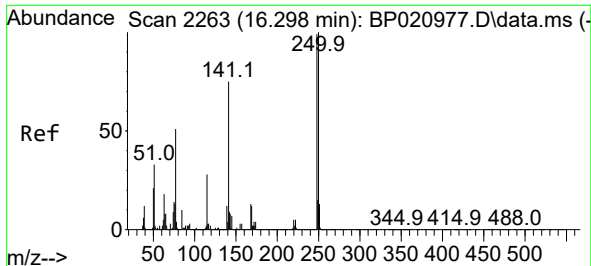
Tgt Ion:198 Resp: 248668
Ion Ratio Lower Upper
198 100
182 3.9 3.8 5.6
77 23.6 20.0 30.0



#67
N-Nitrosodiphenylamine
Concen: 32.702 ng/ul
RT: 15.598 min Scan# 2144
Delta R.T. 0.006 min
Lab File: BP020990.D
Acq: 16 Jul 2024 14:21

Tgt Ion:169 Resp: 1095283
Ion Ratio Lower Upper
169 100
168 68.2 53.4 80.2
167 36.4 28.4 42.6

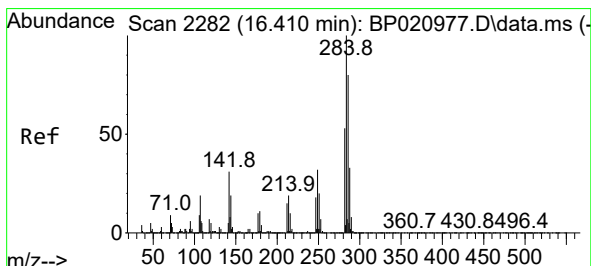
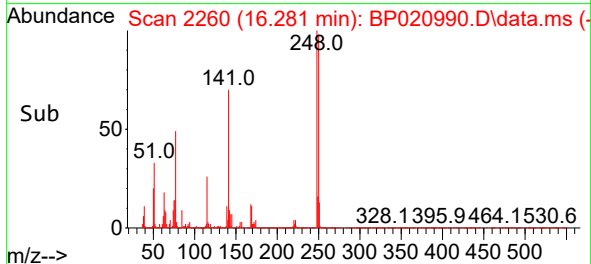
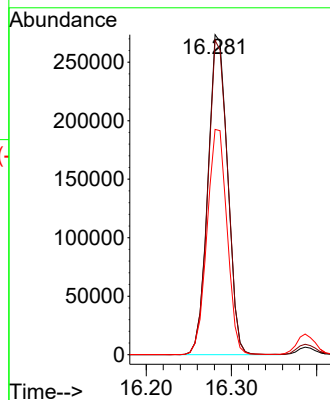
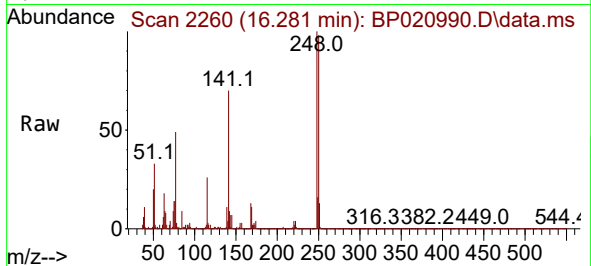




#68
4-Bromophenyl-phenylether
Concen: 32.551 ng/ul
RT: 16.281 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP020990.D
Acq: 16 Jul 2024 14:21

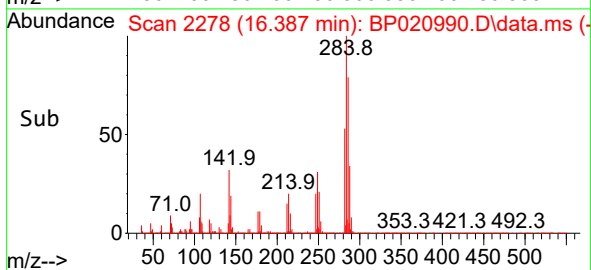
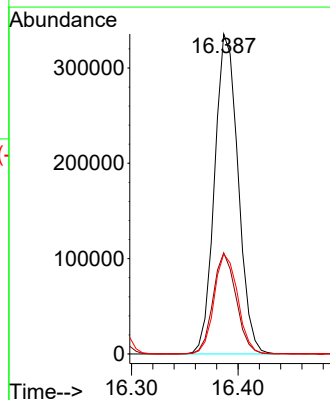
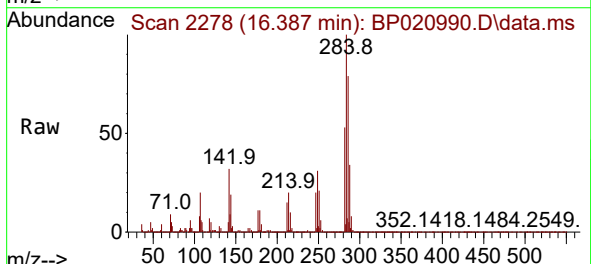
Instrument :
BNA_P
ClientSampleId :
A4BS2MSD

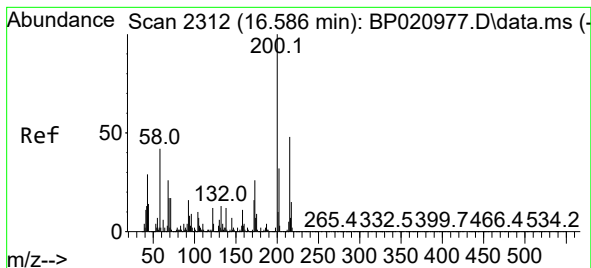
Tgt Ion:248 Resp: 438833
Ion Ratio Lower Upper
248 100
250 98.2 79.3 118.9
141 70.4 57.4 86.0



#69
Hexachlorobenzene
Concen: 33.233 ng/ul
RT: 16.387 min Scan# 2278
Delta R.T. 0.000 min
Lab File: BP020990.D
Acq: 16 Jul 2024 14:21

Tgt Ion:284 Resp: 513707
Ion Ratio Lower Upper
284 100
142 31.6 25.8 38.8
249 31.2 25.1 37.7





#70

Atrazine

Concen: 27.213 ng/ul

RT: 16.575 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP020990.D

Acq: 16 Jul 2024 14:21

Instrument :

BNA_P

ClientSampleId :

A4BS2MSD

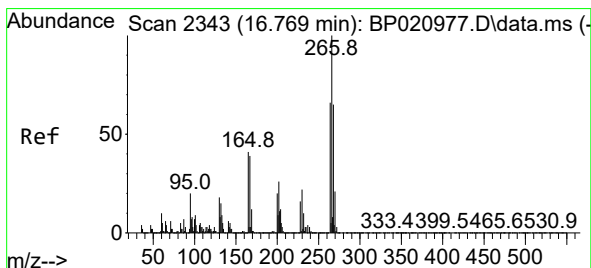
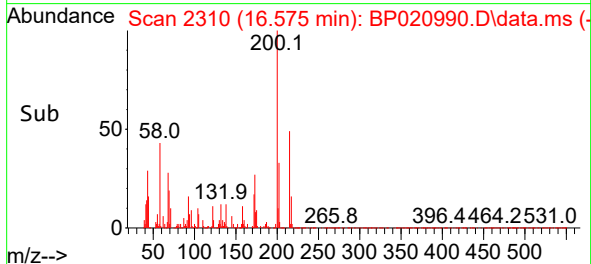
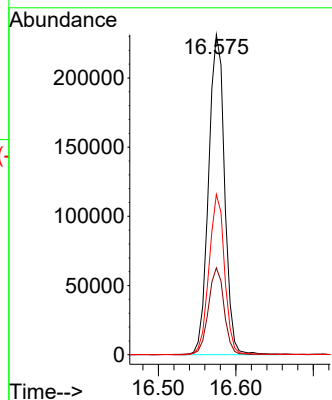
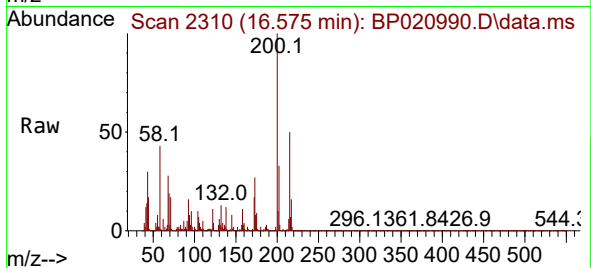
Tgt Ion:200 Resp: 332173

Ion Ratio Lower Upper

200 100

173 27.2 20.8 31.2

215 50.1 38.7 58.1



#71

Pentachlorophenol

Concen: 32.239 ng/ul

RT: 16.763 min Scan# 2342

Delta R.T. 0.000 min

Lab File: BP020990.D

Acq: 16 Jul 2024 14:21

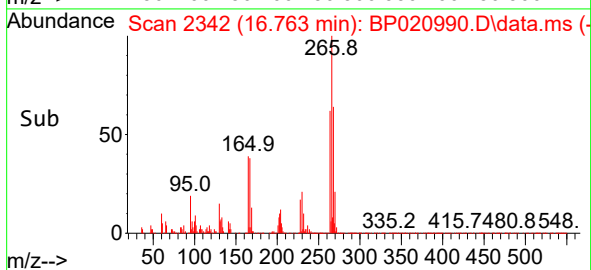
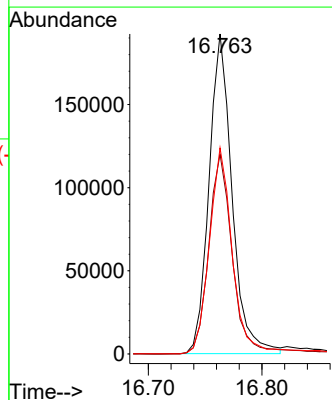
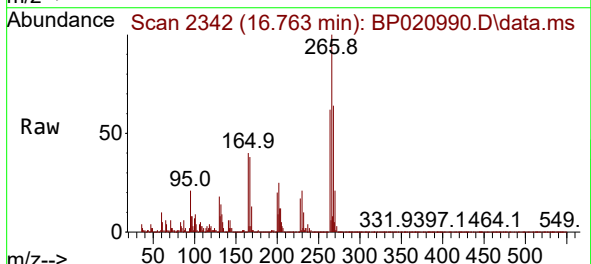
Tgt Ion:266 Resp: 270660

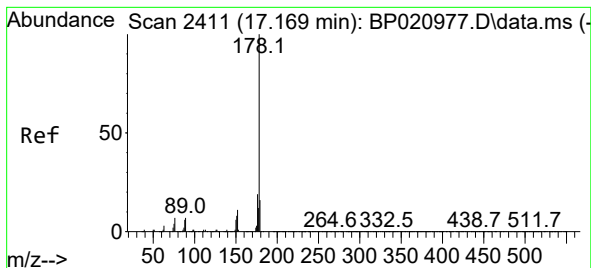
Ion Ratio Lower Upper

266 100

264 62.4 52.3 78.5

268 64.4 52.3 78.5





#72

Phenanthrene

Concen: 34.748 ng/ul

RT: 17.163 min Scan# 2411

Delta R.T. 0.000 min

Lab File: BP020990.D

Acq: 16 Jul 2024 14:21

Instrument :

BNA_P

ClientSampleId :

A4BS2MSD

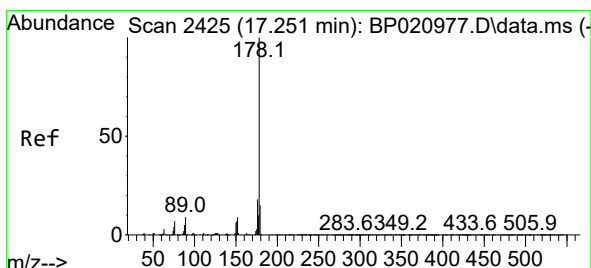
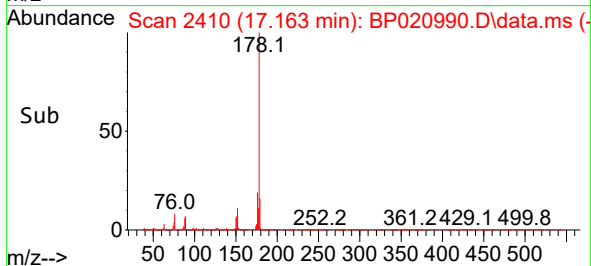
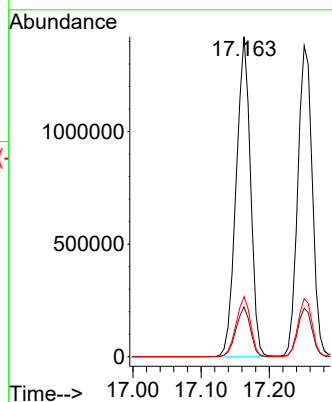
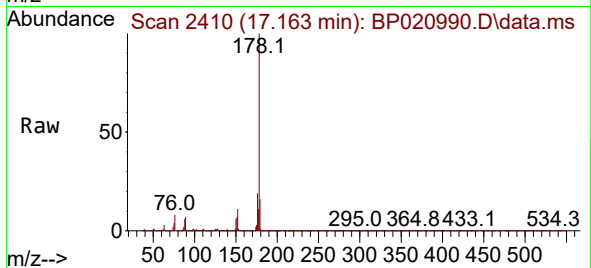
Tgt Ion:178 Resp: 2073260

Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.4

176 18.7 15.0 22.4



#74

Anthracene

Concen: 33.515 ng/ul

RT: 17.251 min Scan# 2425

Delta R.T. -0.006 min

Lab File: BP020990.D

Acq: 16 Jul 2024 14:21

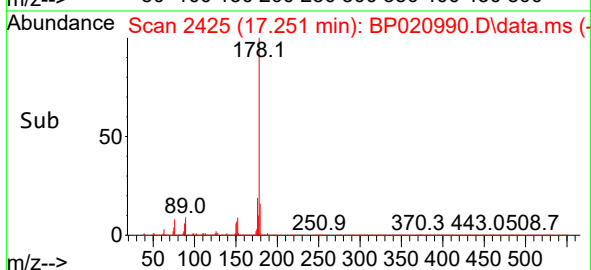
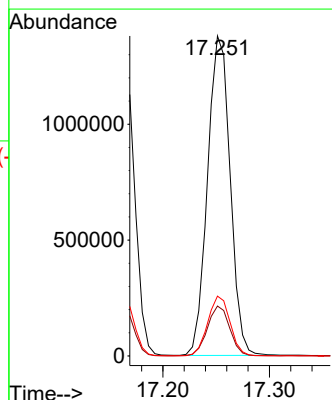
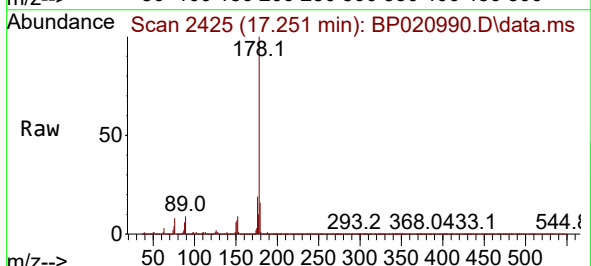
Tgt Ion:178 Resp: 2038633

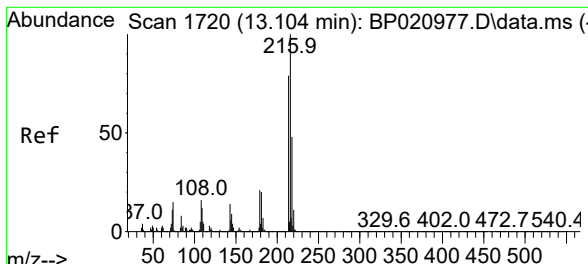
Ion Ratio Lower Upper

178 100

179 15.6 12.5 18.7

176 18.7 14.8 22.2

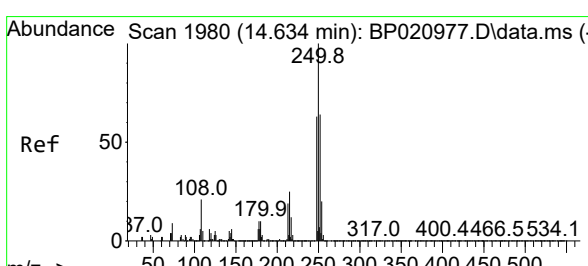
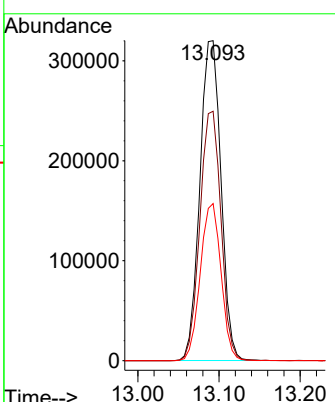
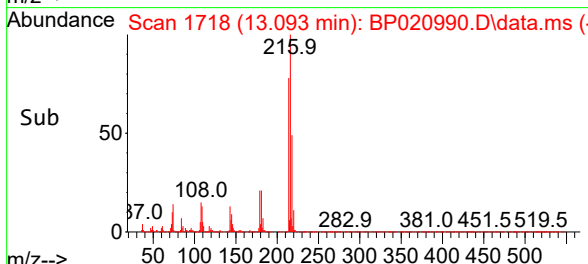
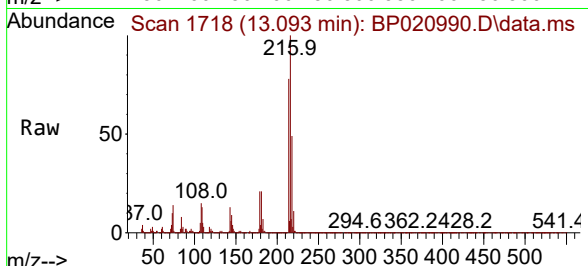




#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 31.398 ng/uL
 RT: 13.093 min Scan# 1718
 Delta R.T. 0.012 min
 Lab File: BP020990.D
 Acq: 16 Jul 2024 14:21

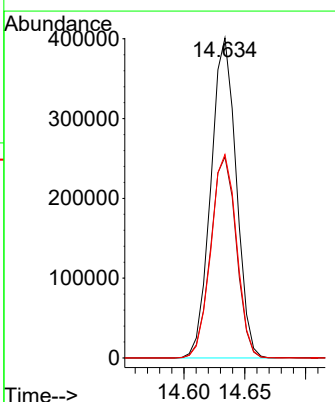
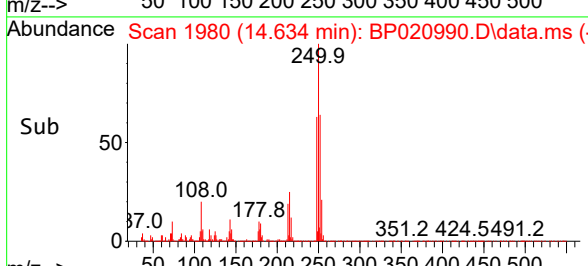
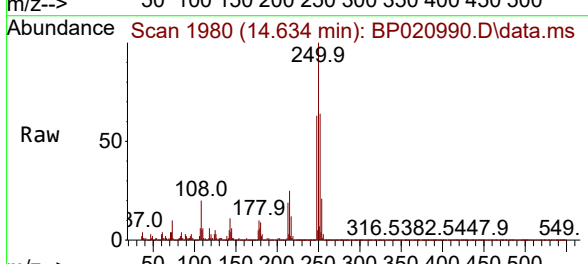
Instrument :
 BNA_P
 ClientSampleId :
 A4BS2MSD

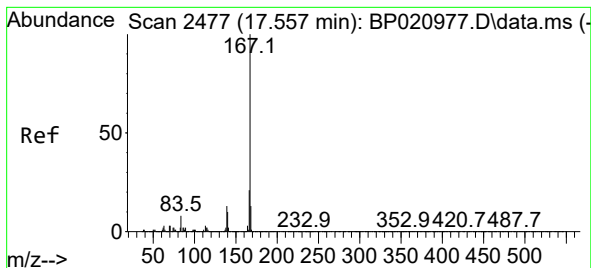
Tgt Ion:	216	Resp:	578008
Ion Ratio	Lower	Upper	
216	100		
214	77.9	63.2	94.8
218	49.1	38.2	57.4



#76
 Pentachlorobenzene
 Concen: 31.775 ng/uL
 RT: 14.634 min Scan# 1980
 Delta R.T. 0.000 min
 Lab File: BP020990.D
 Acq: 16 Jul 2024 14:21

Tgt Ion:	250	Resp:	581247
Ion Ratio	Lower	Upper	
250	100		
248	62.8	50.8	76.2
252	63.6	51.6	77.4





#77

Carbazole

Concen: 38.729 ng/ul

RT: 17.534 min Scan# 2473

Delta R.T. -0.006 min

Lab File: BP020990.D

Acq: 16 Jul 2024 14:21

Instrument :

BNA_P

ClientSampleId :

A4BS2MSD

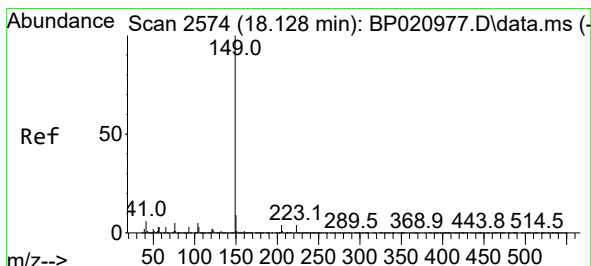
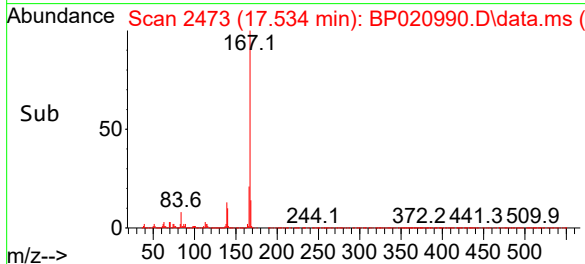
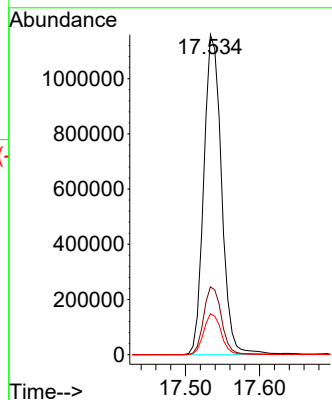
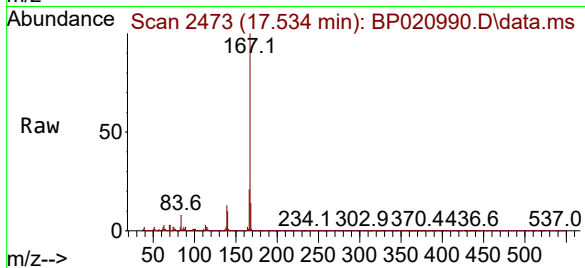
Tgt Ion:167 Resp: 1925783

Ion Ratio Lower Upper

167 100

166 21.2 17.3 25.9

139 12.8 10.2 15.2



#78

Di-n-butylphthalate

Concen: 35.631 ng/ul

RT: 18.122 min Scan# 2573

Delta R.T. 0.006 min

Lab File: BP020990.D

Acq: 16 Jul 2024 14:21

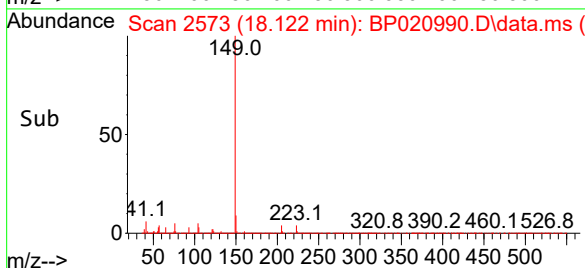
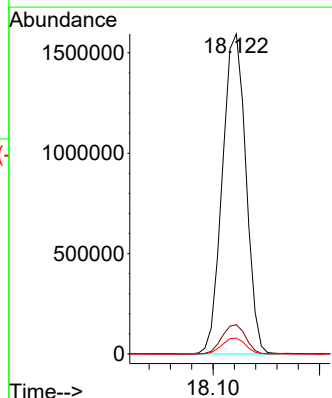
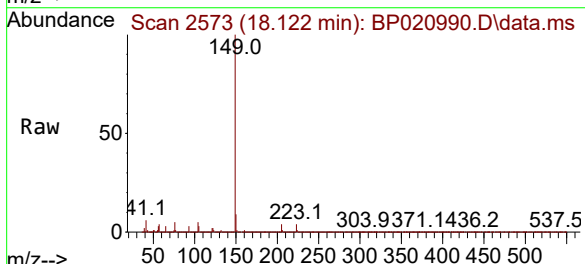
Tgt Ion:149 Resp: 2444366

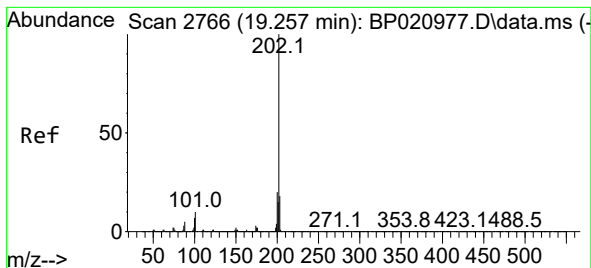
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

104 5.0 3.9 5.9





#80

Fluoranthene

Concen: 30.191 ng/ul

RT: 19.257 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP020990.D

Acq: 16 Jul 2024 14:21

Instrument :

BNA_P

ClientSampleId :

A4BS2MSD

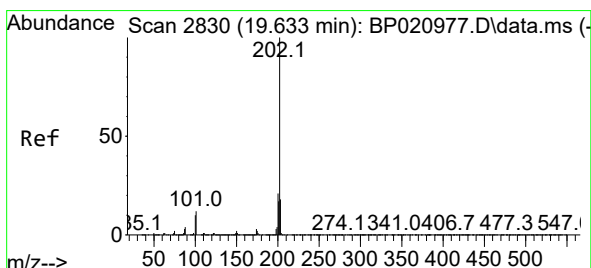
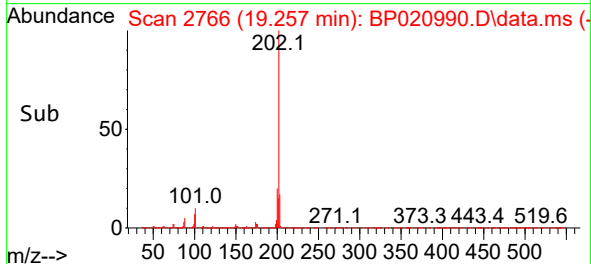
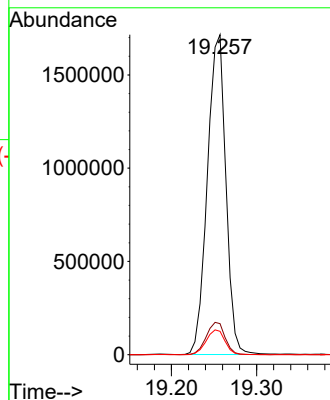
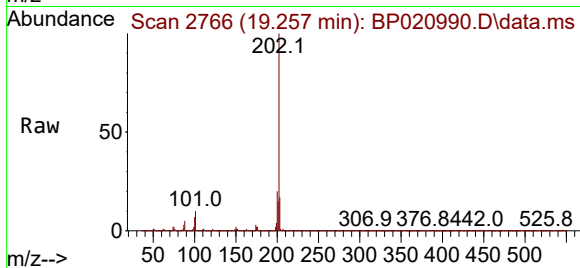
Tgt Ion:202 Resp: 2589386

Ion Ratio Lower Upper

202 100

101 9.7 8.0 12.0

100 7.3 6.1 9.1



#82

Pyrene

Concen: 31.099 ng/ul

RT: 19.633 min Scan# 2830

Delta R.T. 0.006 min

Lab File: BP020990.D

Acq: 16 Jul 2024 14:21

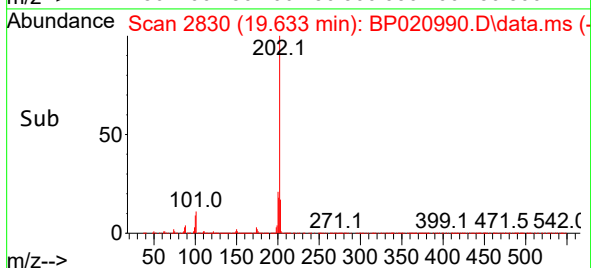
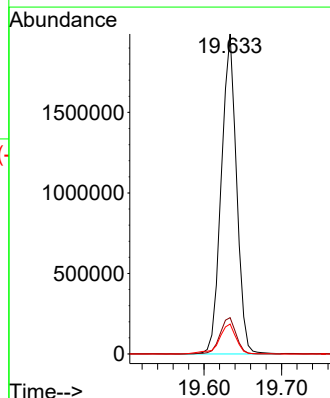
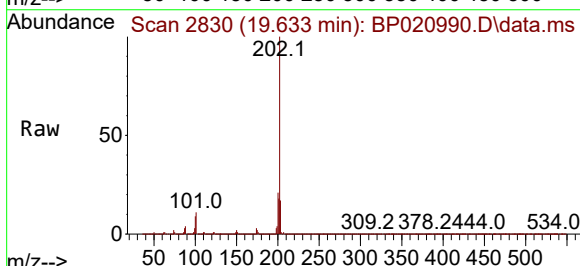
Tgt Ion:202 Resp: 2714193

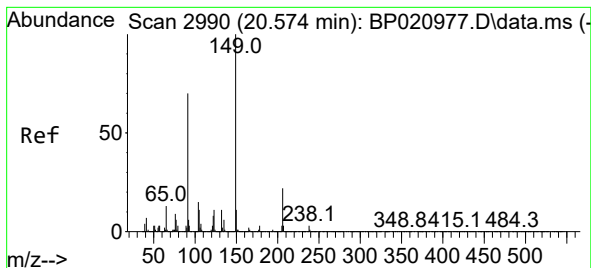
Ion Ratio Lower Upper

202 100

101 11.4 9.4 14.2

100 9.3 7.8 11.6





#83

Butylbenzylphthalate

Concen: 31.498 ng/ul

RT: 20.581 min Scan# 2990

Delta R.T. 0.012 min

Lab File: BP020990.D

Acq: 16 Jul 2024 14:21

Instrument :

BNA_P

ClientSampleId :

A4BS2MSD

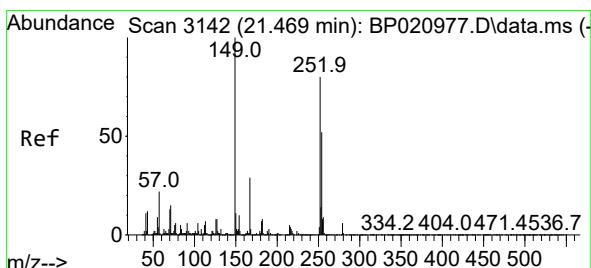
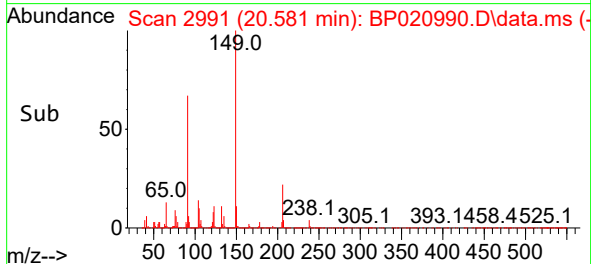
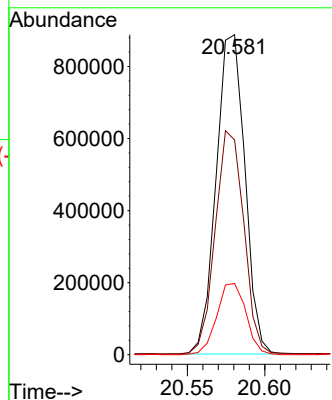
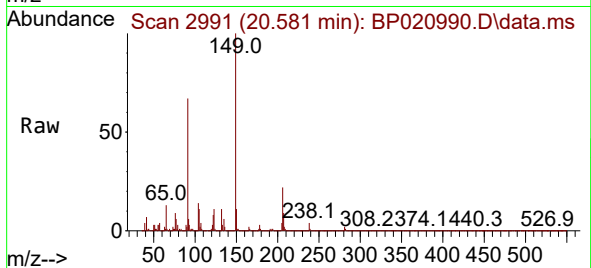
Tgt Ion:149 Resp: 1145346

Ion Ratio Lower Upper

149 100

91 67.1 54.1 81.1

206 22.3 17.0 25.6



#84

3,3'-Dichlorobenzidine

Concen: 32.082 ng/ul

RT: 21.463 min Scan# 3141

Delta R.T. 0.006 min

Lab File: BP020990.D

Acq: 16 Jul 2024 14:21

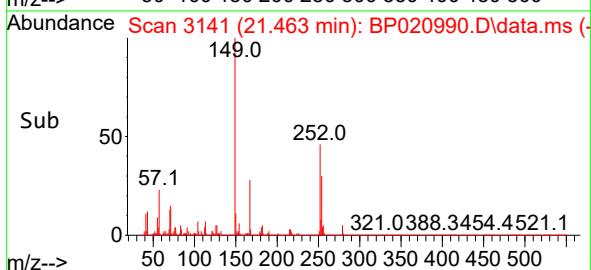
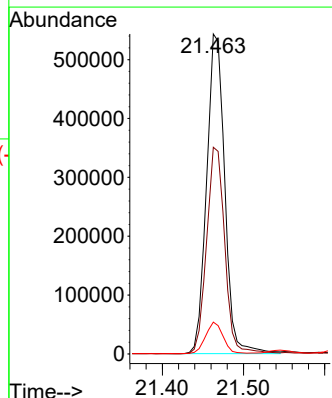
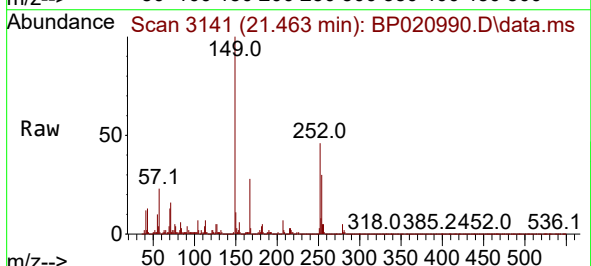
Tgt Ion:252 Resp: 842132

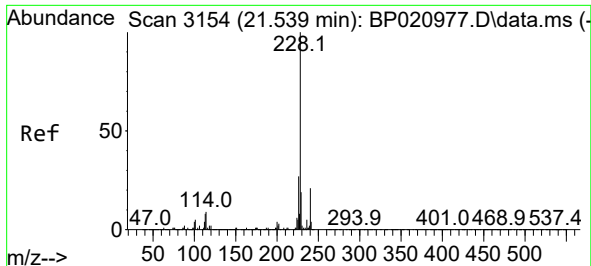
Ion Ratio Lower Upper

252 100

254 64.6 51.5 77.3

126 10.0 8.0 12.0

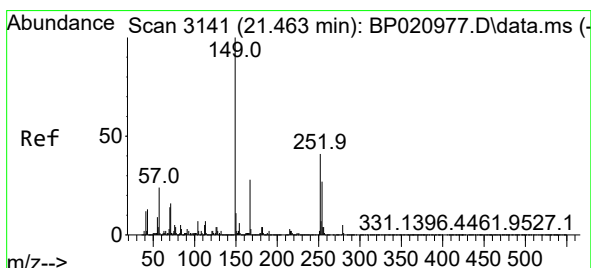
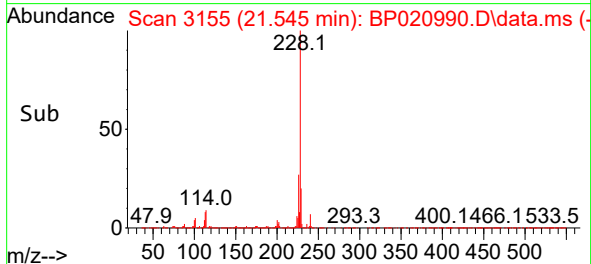
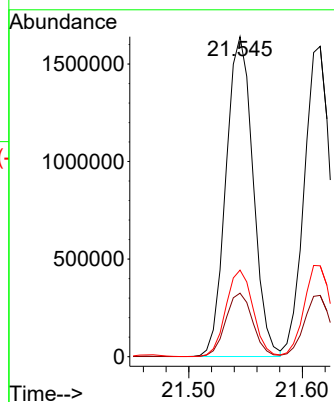
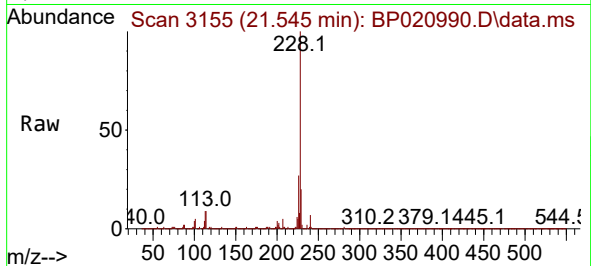




#85
Benzo(a)anthracene
Concen: 33.807 ng/ul
RT: 21.545 min Scan# 3155
Delta R.T. 0.012 min
Lab File: BP020990.D
Acq: 16 Jul 2024 14:21

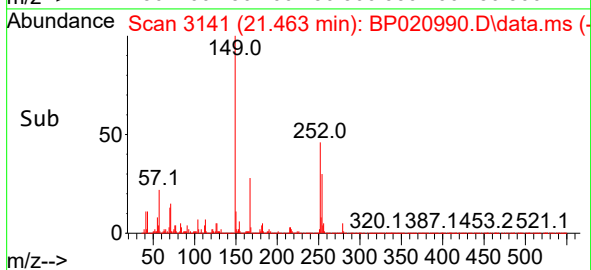
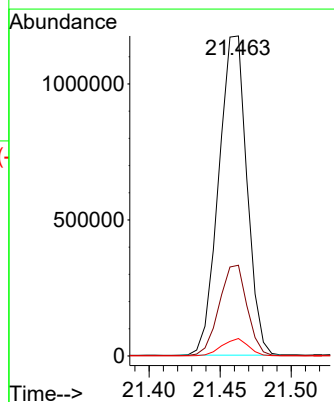
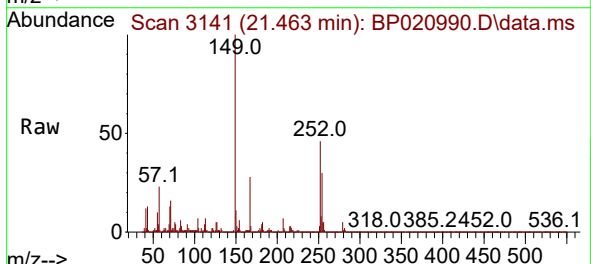
Instrument :
BNA_P
ClientSampleId :
A4BS2MSD

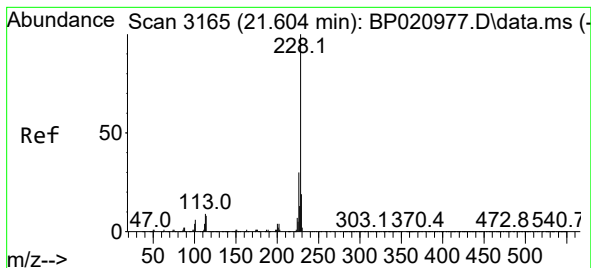
Tgt Ion:228 Resp: 2720472
Ion Ratio Lower Upper
228 100
229 19.8 15.5 23.3
226 27.0 21.4 32.2



#86
Bis(2-ethylhexyl)phthalate
Concen: 30.991 ng/ul
RT: 21.463 min Scan# 3141
Delta R.T. 0.018 min
Lab File: BP020990.D
Acq: 16 Jul 2024 14:21

Tgt Ion:149 Resp: 1621748
Ion Ratio Lower Upper
149 100
167 28.4 22.1 33.1
279 5.4 3.7 5.5





#87

Chrysene

Concen: 34.478 ng/ul

RT: 21.616 min Scan# 3167

Delta R.T. 0.018 min

Lab File: BP020990.D

Acq: 16 Jul 2024 14:21

Instrument :

BNA_P

ClientSampleId :

A4BS2MSD

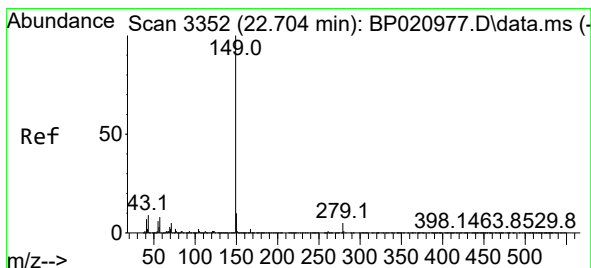
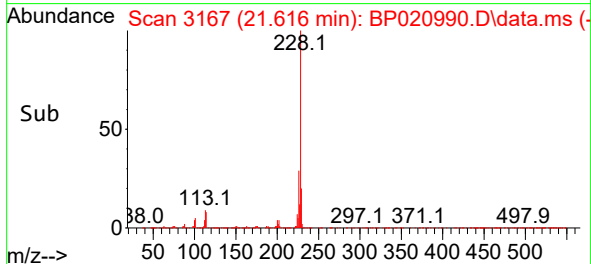
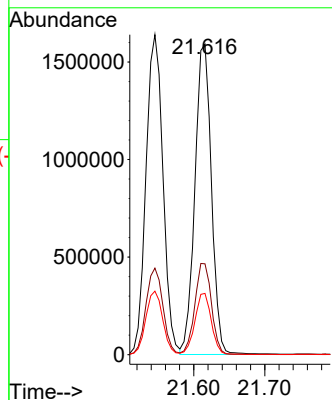
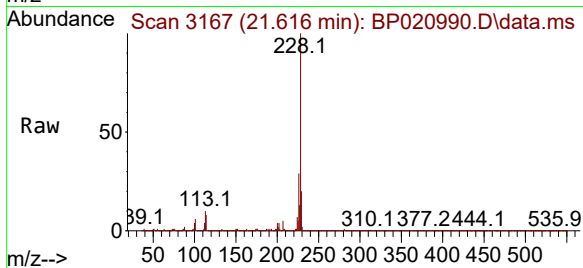
Tgt Ion:228 Resp: 2578045

Ion Ratio Lower Upper

228 100

226 29.3 23.6 35.4

229 19.7 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 32.466 ng/ul

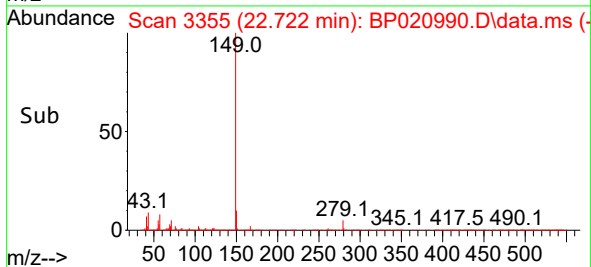
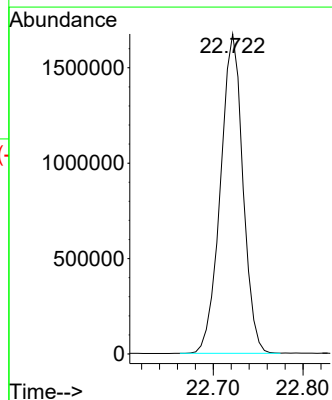
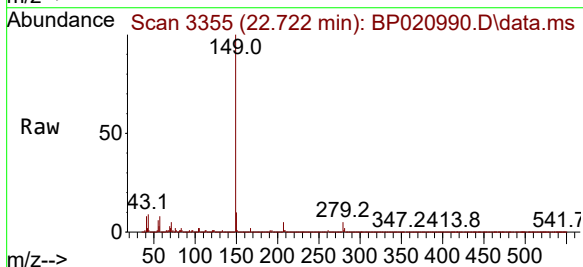
RT: 22.722 min Scan# 3355

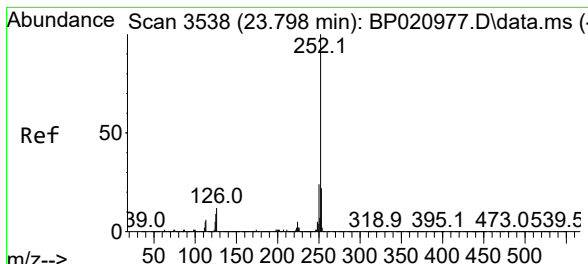
Delta R.T. 0.024 min

Lab File: BP020990.D

Acq: 16 Jul 2024 14:21

Tgt Ion:149 Resp: 2908618



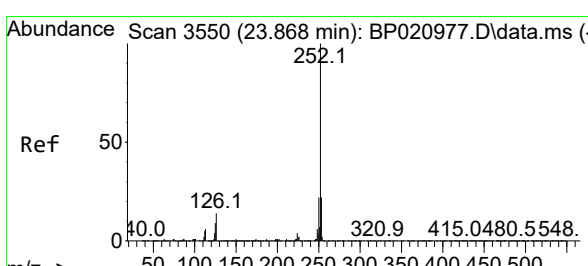
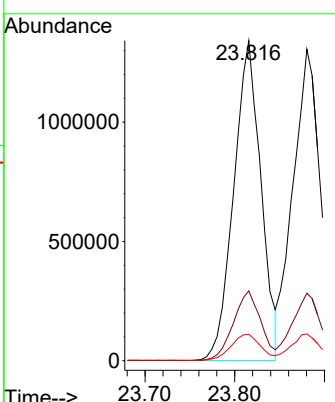
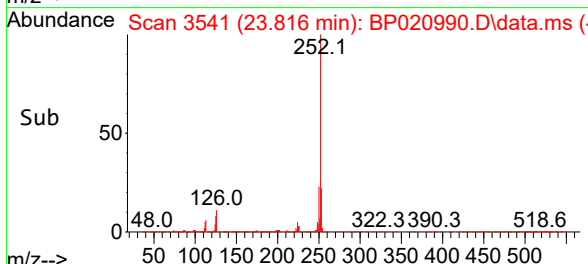
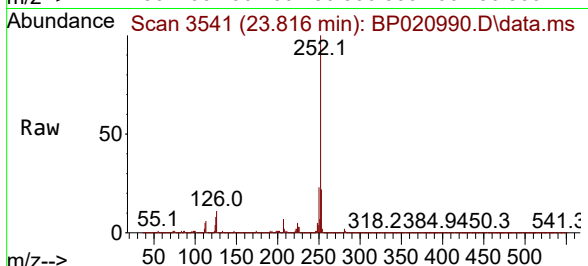


#90
 Benzo(b)fluoranthene
 Concen: 34.280 ng/ul
 RT: 23.816 min Scan# 3541
 Delta R.T. 0.035 min
 Lab File: BP020990.D
 Acq: 16 Jul 2024 14:21

Instrument :
 BNA_P
 ClientSampleId :
 A4BS2MSD

Tgt Ion:252 Resp: 2821209

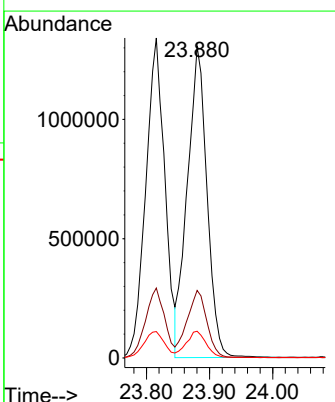
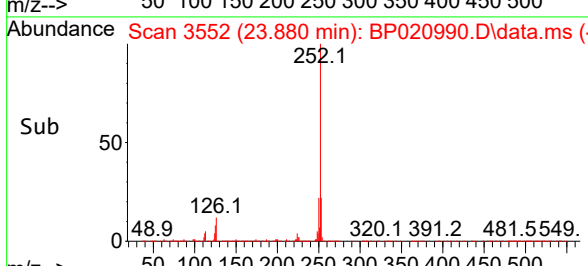
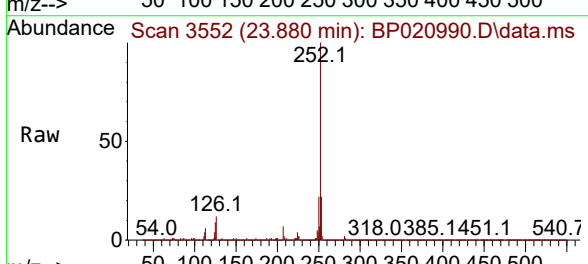
Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	8.3	7.0	10.4

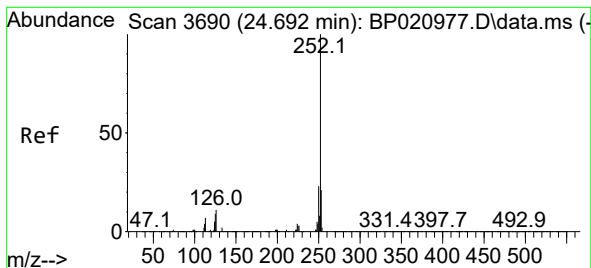


#91
 Benzo(k)fluoranthene
 Concen: 34.383 ng/ul
 RT: 23.880 min Scan# 3552
 Delta R.T. 0.029 min
 Lab File: BP020990.D
 Acq: 16 Jul 2024 14:21

Tgt Ion:252 Resp: 2823961

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.2
125	8.6	7.4	11.0





#93

Benzo(a)pyrene

Concen: 31.673 ng/ul

RT: 24.698 min Scan# 30

Delta R.T. 0.029 min

Lab File: BP020990.D

Acq: 16 Jul 2024 14:21

Instrument :

BNA_P

ClientSampleId :

A4BS2MSD

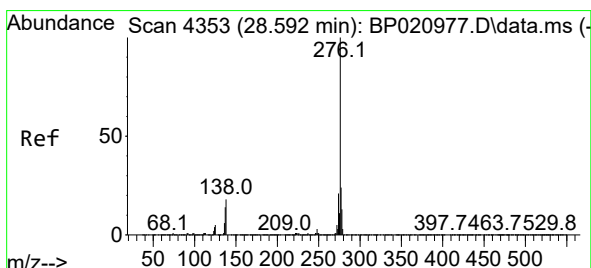
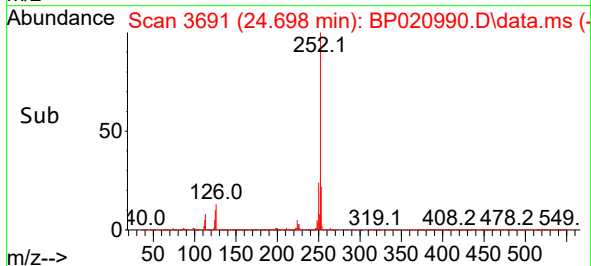
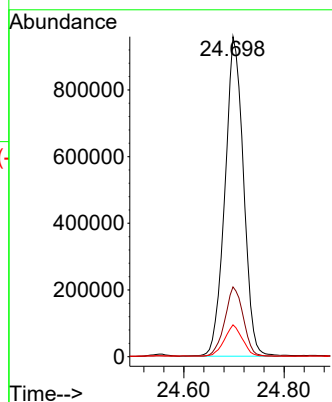
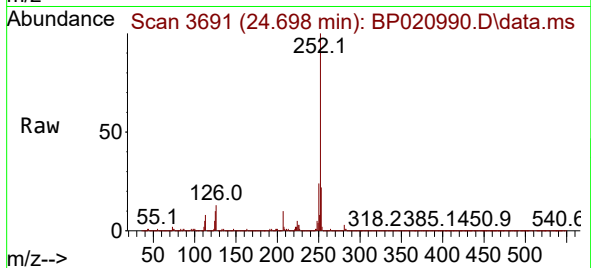
Tgt Ion:252 Resp: 2463276

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 9.9 7.7 11.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 35.615 ng/ul

RT: 28.609 min Scan# 4356

Delta R.T. 0.035 min

Lab File: BP020990.D

Acq: 16 Jul 2024 14:21

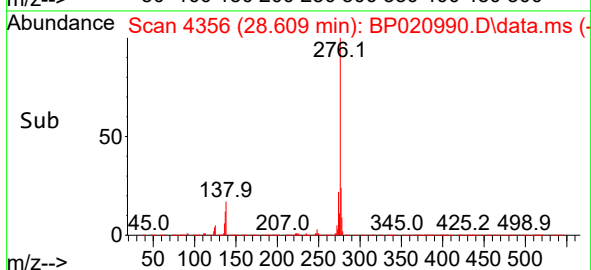
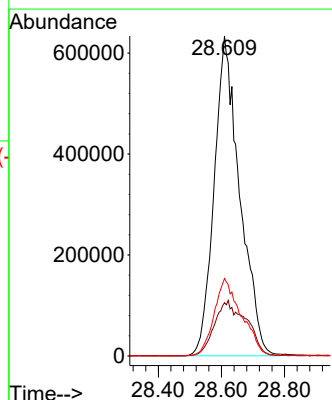
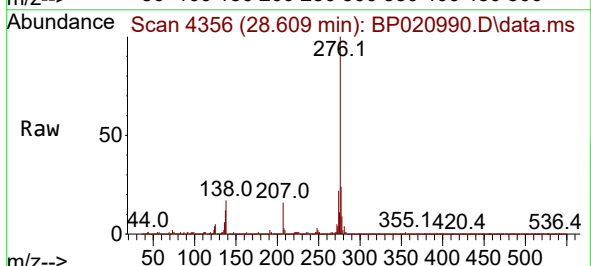
Tgt Ion:276 Resp: 3569229

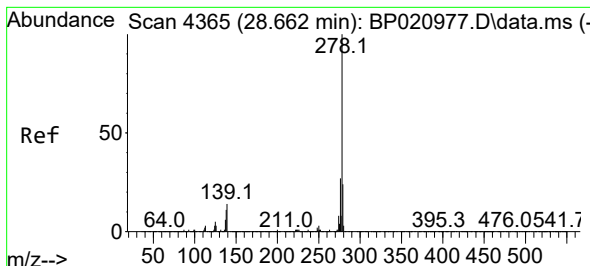
Ion Ratio Lower Upper

276 100

138 16.6 14.3 21.5

277 24.2 19.2 28.8





#95

Dibenzo(a,h)anthracene

Concen: 34.883 ng/ul

RT: 28.680 min Scan# 41

Delta R.T. 0.047 min

Lab File: BP020990.D

Acq: 16 Jul 2024 14:21

Instrument :

BNA_P

ClientSampleId :

A4BS2MSD

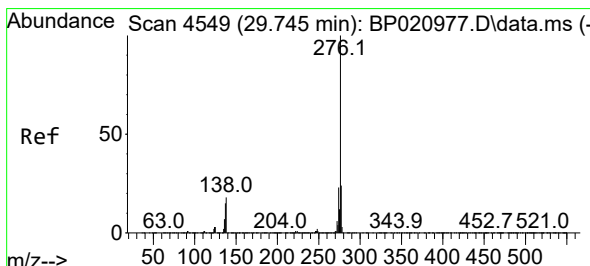
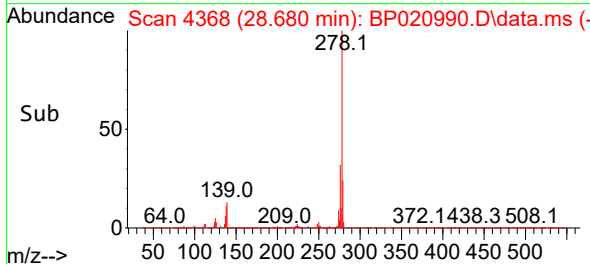
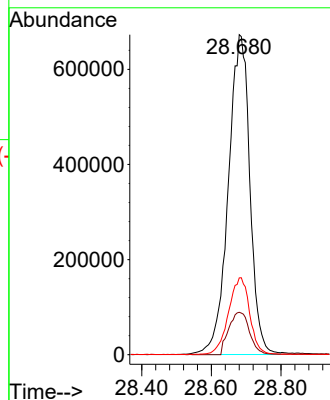
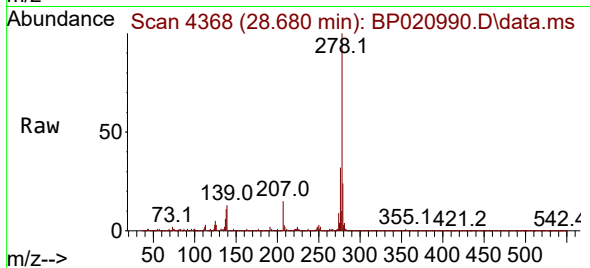
Tgt Ion:278 Resp: 2894859

Ion Ratio Lower Upper

278 100

139 13.2 10.9 16.3

279 24.0 19.4 29.0



#96

Benzo(g,h,i)perylene

Concen: 19.576 ng/ul

RT: 29.768 min Scan# 4553

Delta R.T. 0.041 min

Lab File: BP020990.D

Acq: 16 Jul 2024 14:21

Tgt Ion:276 Resp: 1597754

Ion Ratio Lower Upper

276 100

138 17.7 15.3 22.9

277 23.7 18.2 27.2

