

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021224\
 Data File : BP019668.D
 Acq On : 12 Feb 2024 18:10
 Operator : MA/JU
 Sample : P1375-02MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-1MS

Quant Time: Feb 12 22:23:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 00:51:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	88043	20.000	ng	-0.01
21) Naphthalene-d8	10.704	136	302085	20.000	ng	-0.01
39) Acenaphthene-d10	14.540	164	179892	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	410635	20.000	ng	0.00
76) Chrysene-d12	21.392	240	462988	20.000	ng	0.00
86) Perylene-d12	23.810	264	561488	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	687014	125.781	ng	0.00
7) Phenol-d6	7.081	99	814856	110.643	ng	0.00
23) Nitrobenzene-d5	9.081	82	646171	92.688	ng	0.00
42) 2,4,6-Tribromophenol	16.039	330	444441	169.211	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1358159	93.333	ng	-0.01
79) Terphenyl-d14	19.863	244	2510960	89.190	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.399	88	78646	37.372	ng	# 59
3) Pyridine	3.799	79	173160	30.351	ng	99
4) n-Nitrosodimethylamine	3.711	42	106084	42.708	ng	99
6) Aniline	7.240	93	82616	11.545	ng	97
8) 2-Chlorophenol	7.469	128	258446	46.088	ng	96
9) Benzaldehyde	7.058	77	47603	9.219	ng	98
10) Phenol	7.110	94	294902	40.176	ng	99
11) bis(2-Chloroethyl)ether	7.346	93	252827	44.272	ng	97
12) 1,3-Dichlorobenzene	7.793	146	278161	40.538	ng	97
13) 1,4-Dichlorobenzene	7.946	146	284523	40.928	ng	99
14) 1,2-Dichlorobenzene	8.257	146	273556	40.670	ng	98
15) Benzyl Alcohol	8.157	79	270795	46.018	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.434	45	242498	42.464	ng	99
17) 2-Methylphenol	8.357	107	215389	43.585	ng	99
18) Hexachloroethane	8.975	117	103371	38.362	ng	97
19) n-Nitroso-di-n-propyla...	8.728	70	206350	41.020	ng	98
20) 3+4-Methylphenols	8.687	107	287763	42.667	ng	98
22) Acetophenone	8.740	105	414003	48.107	ng	# 98
24) Nitrobenzene	9.122	77	314966	44.872	ng	99
25) Isophorone	9.646	82	561143	46.218	ng	100
26) 2-Nitrophenol	9.822	139	138132	51.611	ng	95
27) 2,4-Dimethylphenol	9.887	122	184431	53.891	ng	99
28) bis(2-Chloroethoxy)met...	10.134	93	321824	46.849	ng	100
29) 2,4-Dichlorophenol	10.357	162	259779	50.215	ng	96
30) 1,2,4-Trichlorobenzene	10.569	180	290071	45.730	ng	98
31) Naphthalene	10.757	128	751680	45.369	ng	100
32) Benzoic acid	10.040	122	164785	49.420	ng	96
33) 4-Chloroaniline	10.881	127	30947	5.051	ng	96
34) Hexachlorobutadiene	11.028	225	209885	44.652	ng	96
35) Caprolactam	11.675	113	66022	45.081	ng	98
36) 4-Chloro-3-methylphenol	12.004	107	270608	47.973	ng	99
37) 2-Methylnaphthalene	12.369	142	529020	46.139	ng	99
38) 1-Methylnaphthalene	12.587	142	498981	44.285	ng	99
40) 1,2,4,5-Tetrachloroben...	12.728	216	362472	52.246	ng	98
41) Hexachlorocyclopentadiene	12.698	237	249433	79.586	ng	97
43) 2,4,6-Trichlorophenol	12.975	196	223878	53.292	ng	99

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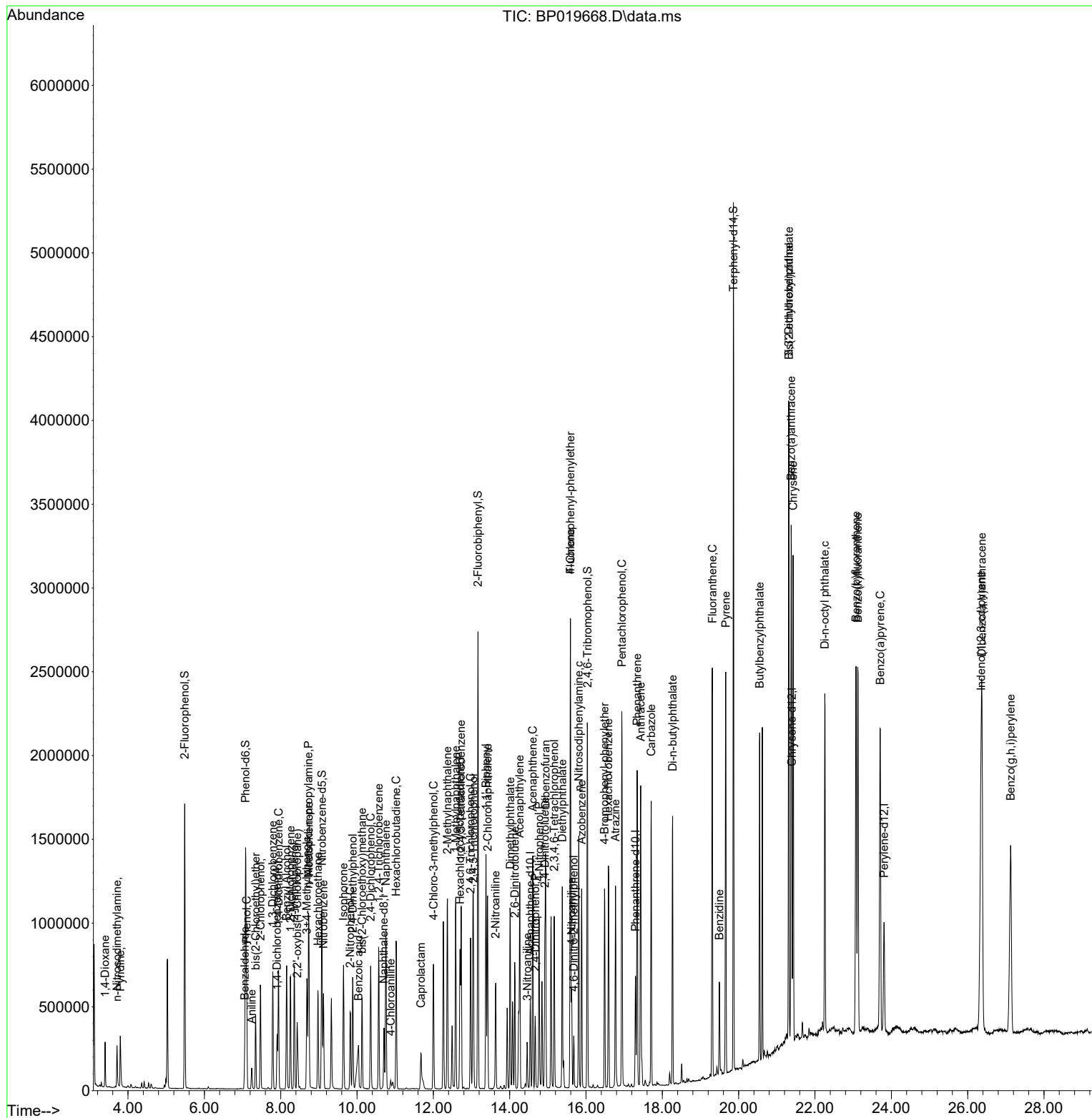
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.051	196	241291	52.307	ng	98
46) 1,1'-Biphenyl	13.381	154	712499	49.625	ng	99
47) 2-Chloronaphthalene	13.422	162	573062	48.622	ng	98
48) 2-Nitroaniline	13.634	65	174970	53.092	ng	97
49) Acenaphthylene	14.263	152	897077	54.252	ng	99
50) Dimethylphthalate	14.016	163	714285	51.868	ng	100
51) 2,6-Dinitrotoluene	14.134	165	153182	50.628	ng	95
52) Acenaphthene	14.604	154	506874	49.390	ng	99
53) 3-Nitroaniline	14.463	138	65602	23.593	ng	98
54) 2,4-Dinitrophenol	14.669	184	98597	62.763	ng	99
55) Dibenzofuran	14.939	168	859256	51.406	ng	99
56) 4-Nitrophenol	14.775	139	247447	108.574	ng	92
57) 2,4-Dinitrotoluene	14.922	165	217022	54.735	ng	98
58) Fluorene	15.592	166	690025	51.831	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.169	232	226757	58.440	ng	96
60) Diethylphthalate	15.381	149	688587	50.270	ng	100
61) 4-Chlorophenyl-phenyle...	15.592	204	383802	51.292	ng	96
62) 4-Nitroaniline	15.622	138	137989	47.345	ng	99
63) Azobenzene	15.887	77	657766	49.659	ng	97
65) 4,6-Dinitro-2-methylph...	15.681	198	69377	29.630	ng	96
66) n-Nitrosodiphenylamine	15.810	169	584517	47.529	ng	99
67) 4-Bromophenyl-phenylether	16.486	248	256393	49.946	ng	98
68) Hexachlorobenzene	16.586	284	299862	50.021	ng	98
69) Atrazine	16.775	200	233636	57.251	ng	97
70) Pentachlorophenol	16.939	266	427065	114.398	ng	99
71) Phenanthrene	17.339	178	1123814	52.003	ng	100
72) Anthracene	17.433	178	1149202	53.308	ng	100
73) Carbazole	17.710	167	1029780	52.583	ng	99
74) Di-n-butylphthalate	18.269	149	1160913	49.026	ng	99
75) Fluoranthene	19.310	202	1484771	56.243	ng	99
77) Benzidine	19.498	184	332988	34.401	ng	99
78) Pyrene	19.663	202	1562954	47.832	ng	99
80) Butylbenzylphthalate	20.551	149	574749	47.101	ng	96
81) Benzo(a)anthracene	21.374	228	1715878	52.649	ng	100
82) 3,3'-Dichlorobenzidine	21.310	252	553515	46.607	ng	99
83) Chrysene	21.427	228	1574254	50.877	ng	100
84) Bis(2-ethylhexyl)phtha...	21.316	149	827513	44.534	ng	100
85) Di-n-octyl phthalate	22.257	149	1514169	46.315	ng	100
87) Indeno(1,2,3-cd)pyrene	26.351	276	2177792	50.670	ng	98
88) Benzo(b)fluoranthene	23.074	252	1792259	50.646	ng	100
89) Benzo(k)fluoranthene	23.121	252	1714726	50.726	ng	100
90) Benzo(a)pyrene	23.710	252	1626491	51.656	ng	99
91) Dibenzo(a,h)anthracene	26.374	278	1805833	51.086	ng	98
92) Benzo(g,h,i)perylene	27.127	276	1717650	47.896	ng	99

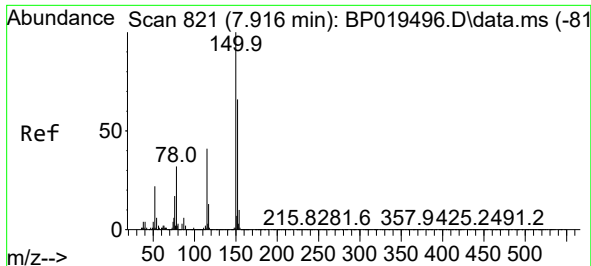
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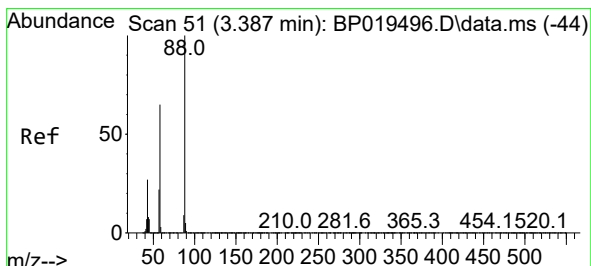
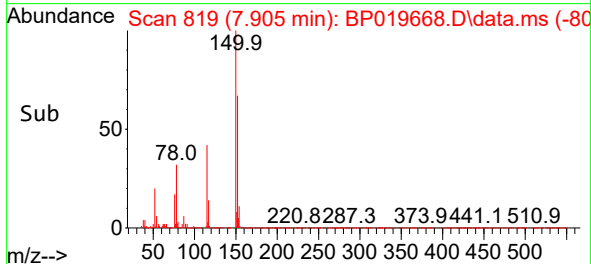
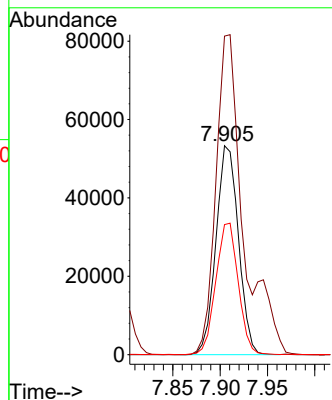
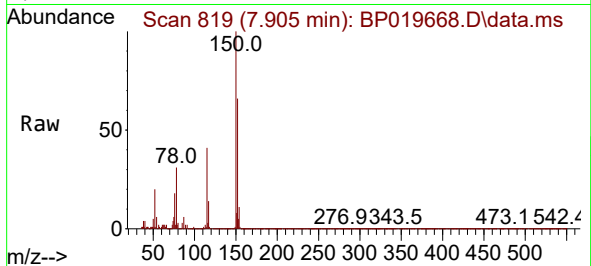




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP019668.D
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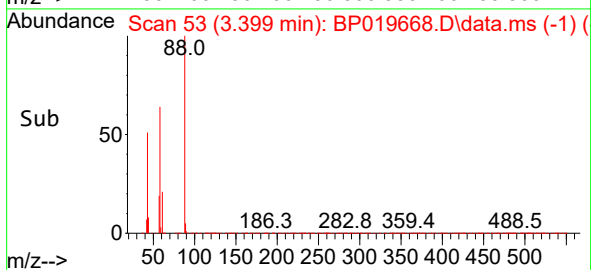
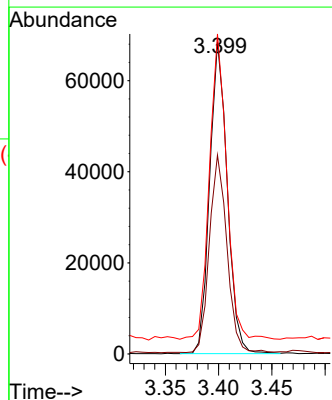
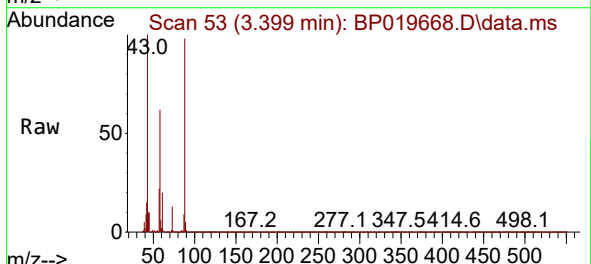
Instrument :
BNA_P
ClientSampleId :
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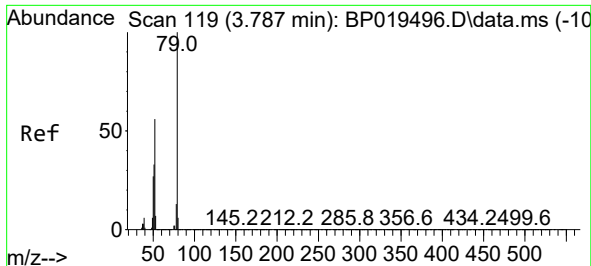
Tgt Ion:152 Resp: 88043
Ion Ratio Lower Upper
152 100
150 152.4 121.8 182.8
115 62.3 49.9 74.9



#2
1,4-Dioxane
Concen: 37.372 ng
RT: 3.399 min Scan# 53
Delta R.T. 0.012 min
Lab File: BP019668.D
Acq: 12 Feb 2024 18:10

Tgt Ion: 88 Resp: 78646
Ion Ratio Lower Upper
88 100
58 63.2 52.6 78.8
43 96.0 21.9 32.9#





#3

Pyridine

Concen: 30.351 ng

RT: 3.799 min Scan# 119

Delta R.T. 0.012 min

Lab File: BP019668.D

Acq: 12 Feb 2024 18:10

Instrument :

BNA_P

ClientSampleId :

TP-1MS

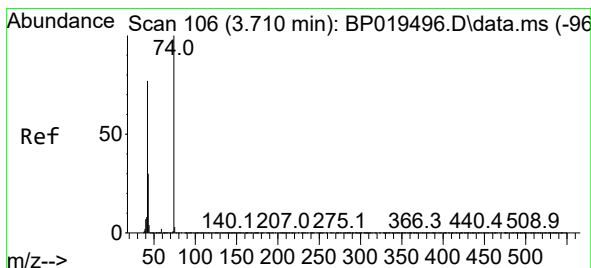
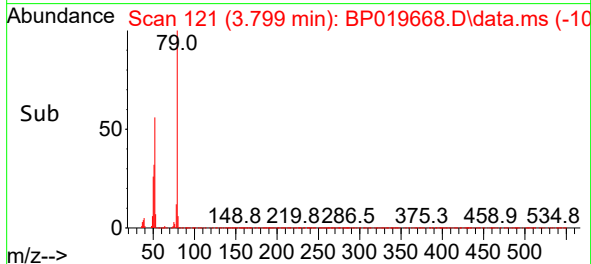
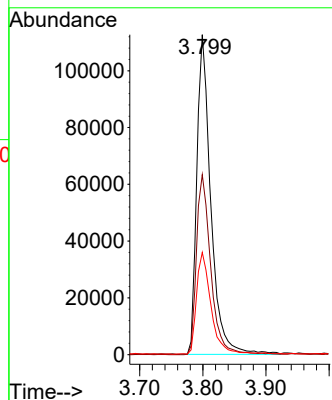
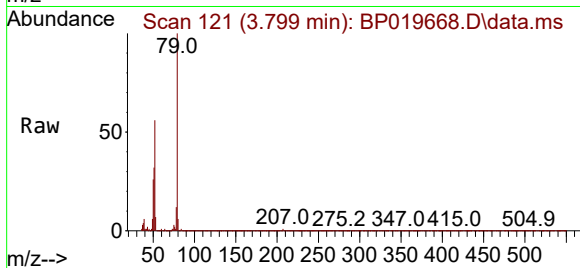
Tgt Ion: 79 Resp: 173160

Ion Ratio Lower Upper

79 100

52 56.3 45.0 67.6

51 32.0 26.8 40.2



#4

n-Nitrosodimethylamine

Concen: 42.708 ng

RT: 3.711 min Scan# 106

Delta R.T. 0.000 min

Lab File: BP019668.D

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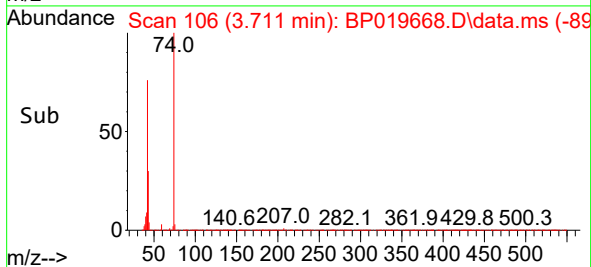
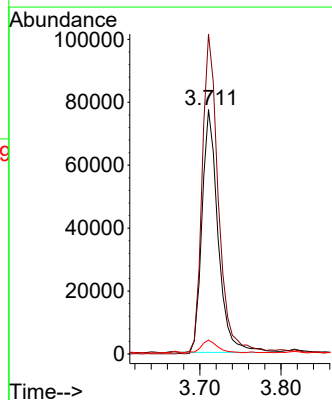
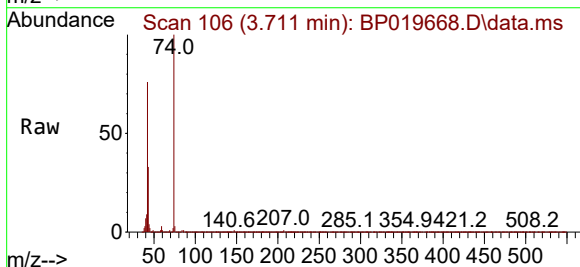
Tgt Ion: 42 Resp: 106084

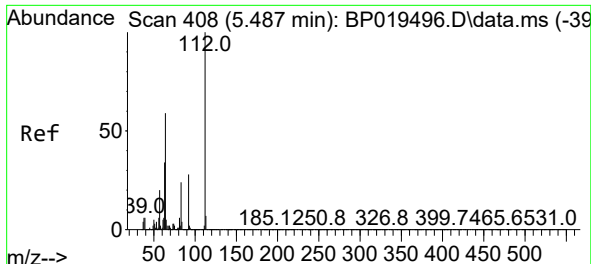
Ion Ratio Lower Upper

42 100

74 130.9 103.4 155.2

44 5.7 4.8 7.2

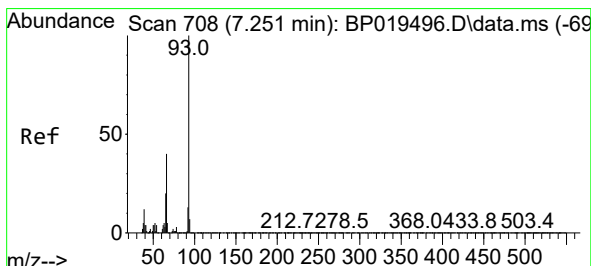
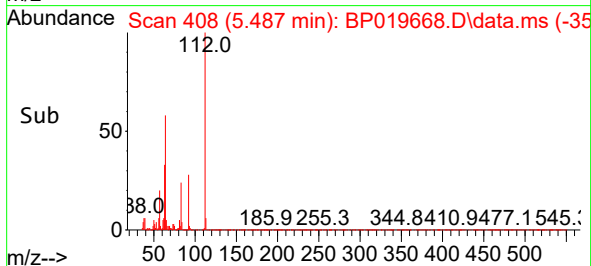
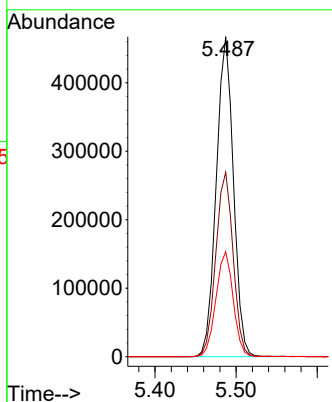
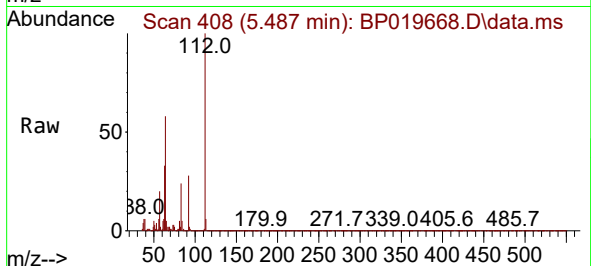




#5
2-Fluorophenol
Concen: 125.781 ng
RT: 5.487 min Scan# 408
Delta R.T. 0.000 min
Lab File: BP019668.D
Acq: 12 Feb 2024 18:10

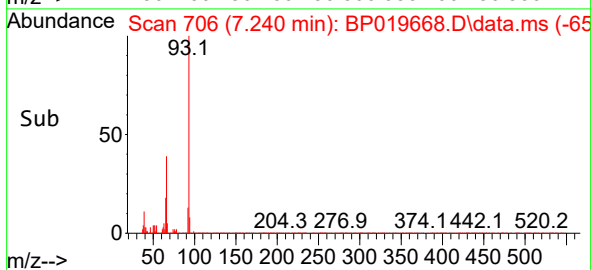
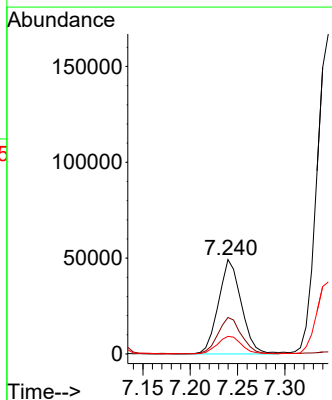
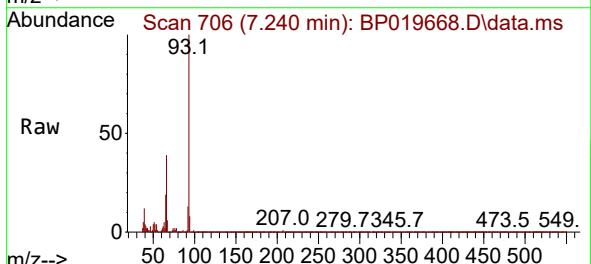
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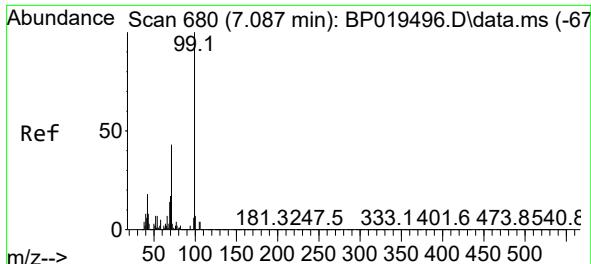
Tgt Ion:112 Resp: 687014
Ion Ratio Lower Upper
112 100
64 57.6 47.4 71.0
63 32.8 27.0 40.6



#6
Aniline
Concen: 11.545 ng
RT: 7.240 min Scan# 706
Delta R.T. -0.011 min
Lab File: BP019668.D
Acq: 12 Feb 2024 18:10

Tgt Ion: 93 Resp: 82616
Ion Ratio Lower Upper
93 100
66 38.6 32.3 48.5
65 18.7 16.4 24.6

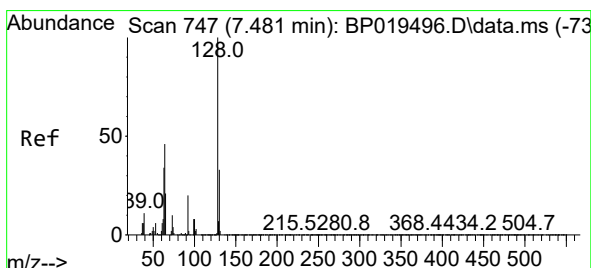
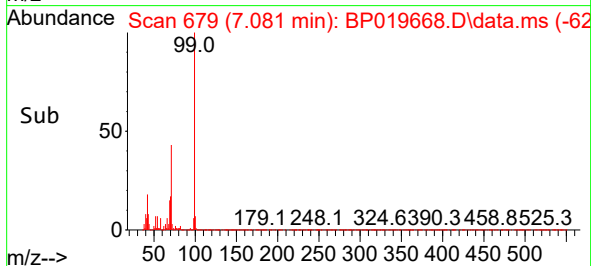
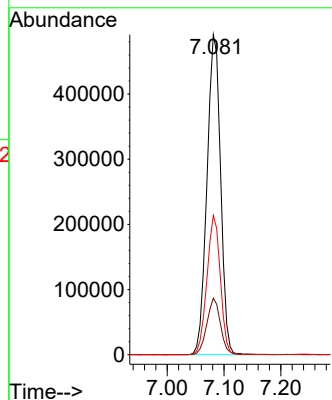
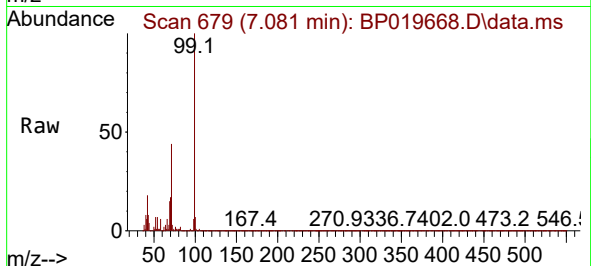




#7
Phenol-d6
Concen: 110.643 ng
RT: 7.081 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019668.D
Acq: 12 Feb 2024 18:10

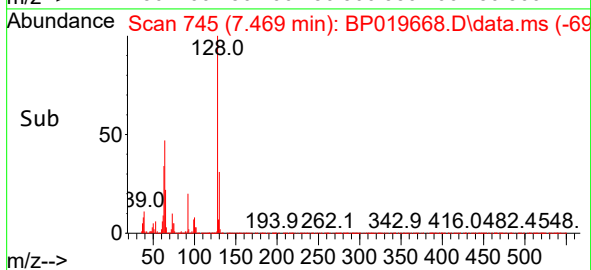
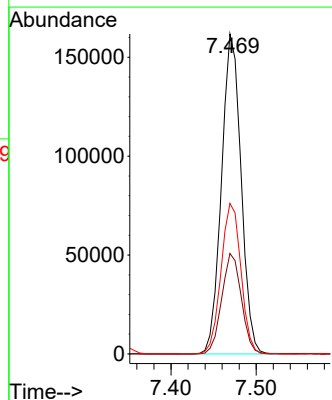
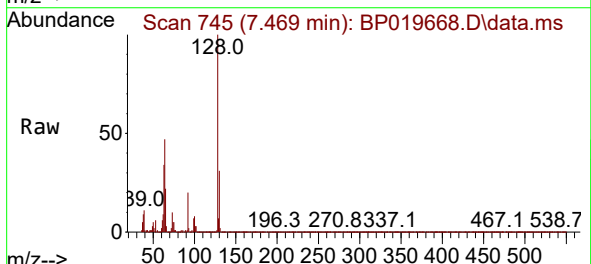
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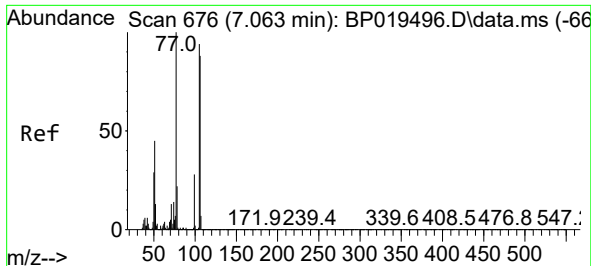
Tgt Ion: 99 Resp: 814856
Ion Ratio Lower Upper
99 100
42 17.6 14.7 22.1
71 43.5 34.8 52.2



#8
2-Chlorophenol
Concen: 46.088 ng
RT: 7.469 min Scan# 745
Delta R.T. -0.011 min
Lab File: BP019668.D
Acq: 12 Feb 2024 18:10

Tgt Ion: 128 Resp: 258446
Ion Ratio Lower Upper
128 100
130 31.4 13.3 53.3
64 47.1 29.7 69.7

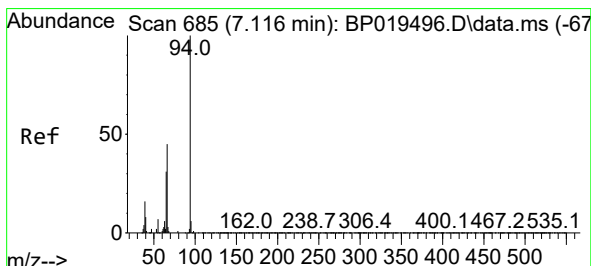
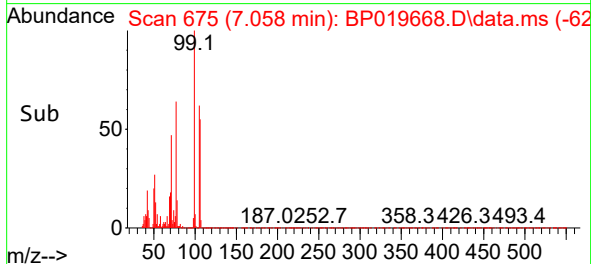
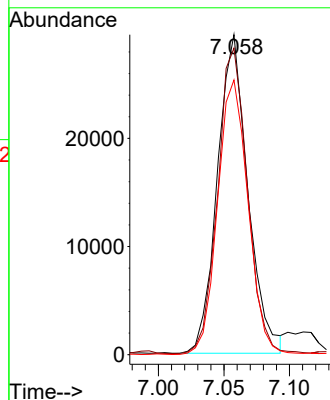
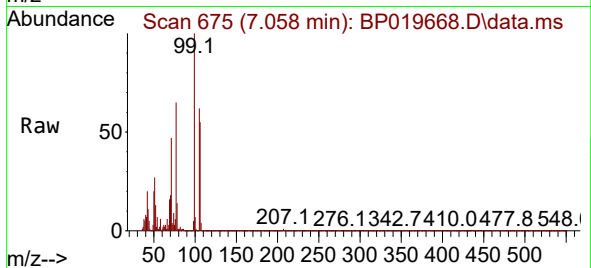




#9
Benzaldehyde
Concen: 9.219 ng
RT: 7.058 min Scan# 61
Delta R.T. -0.006 min
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Acq: 12 Feb 2024 18:10

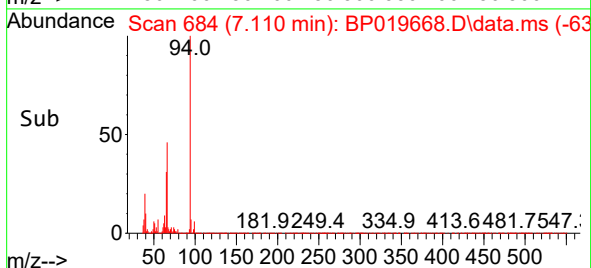
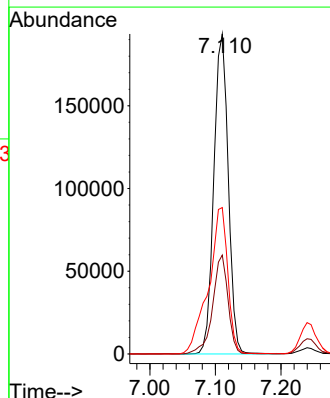
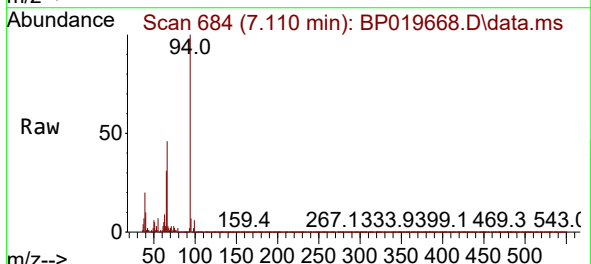
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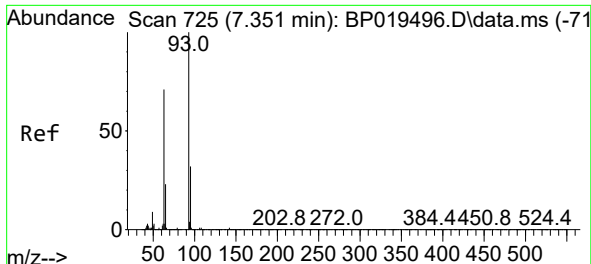
Tgt Ion: 77 Resp: 47603
Ion Ratio Lower Upper
77 100
105 95.8 74.0 114.0
106 85.9 67.8 107.8



#10
Phenol
Concen: 40.176 ng
RT: 7.110 min Scan# 684
Delta R.T. -0.006 min
Lab File: BP019668.D
Acq: 12 Feb 2024 18:10

Tgt Ion: 94 Resp: 294902
Ion Ratio Lower Upper
94 100
65 30.9 11.3 51.3
66 45.7 25.1 65.1

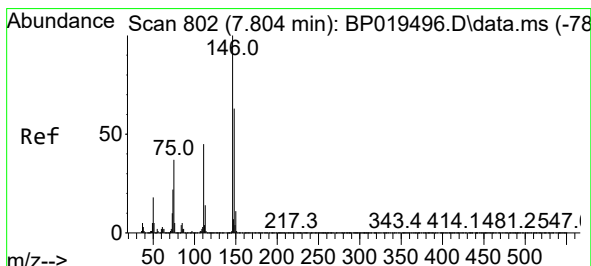
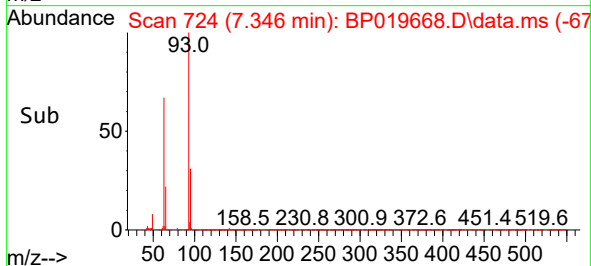
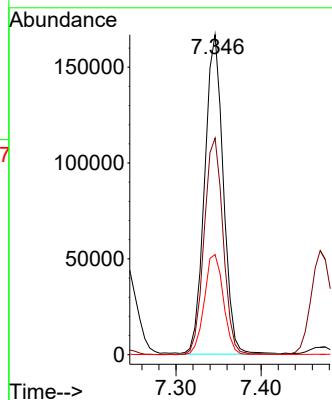
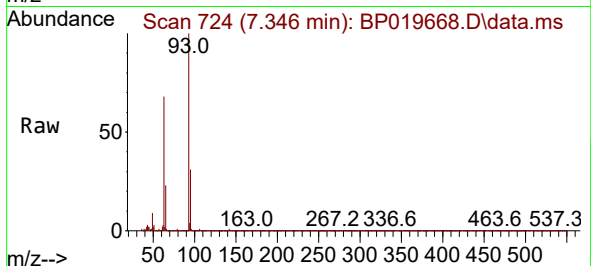




#11
bis(2-Chloroethyl)ether
Concen: 44.272 ng
RT: 7.346 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP019668.D
Acq: 12 Feb 2024 18:10

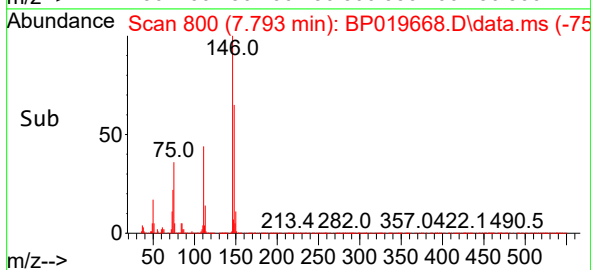
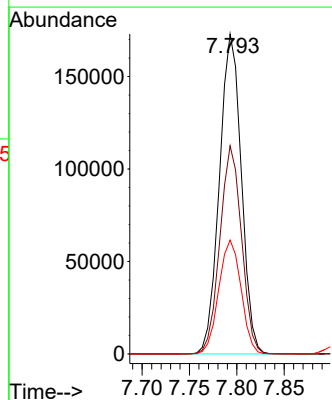
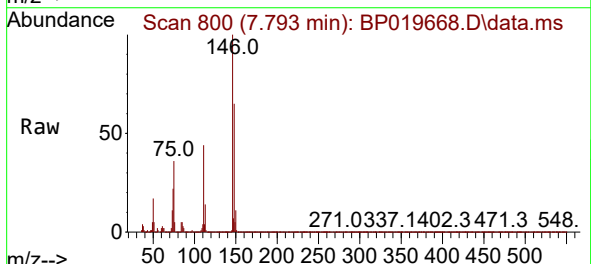
Instrument :
BNA_P
ClientSampleId :
TP-1MS

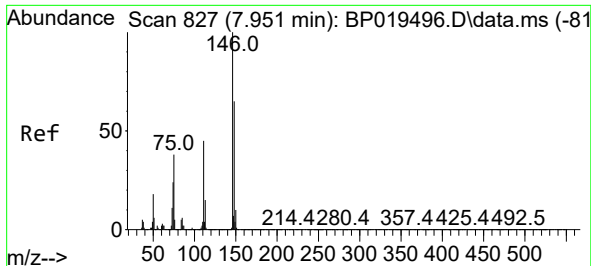
Tgt Ion: 93 Resp: 252827
Ion Ratio Lower Upper
93 100
63 67.7 51.2 91.2
95 31.3 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 40.538 ng
RT: 7.793 min Scan# 800
Delta R.T. -0.011 min
Lab File: BP019668.D
Acq: 12 Feb 2024 18:10

Tgt Ion:146 Resp: 278161
Ion Ratio Lower Upper
146 100
148 65.1 50.4 75.6
75 35.6 29.9 44.9

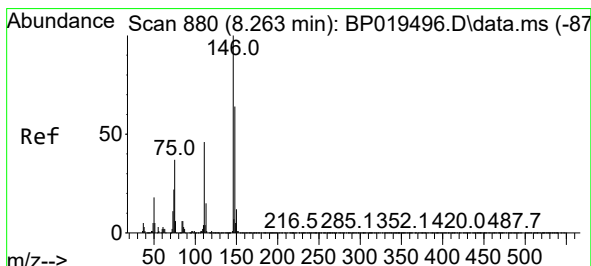
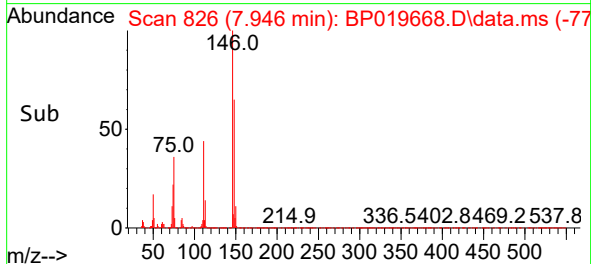
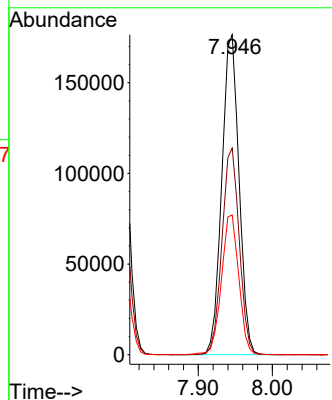
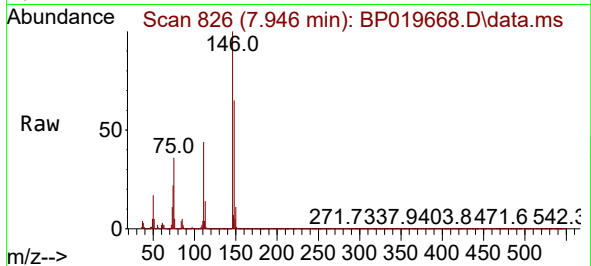




#13
1,4-Dichlorobenzene
Concen: 40.928 ng
RT: 7.946 min Scan# 811
Delta R.T. -0.006 min
Lab File: BP019668.D
Acq: 12 Feb 2024 18:10

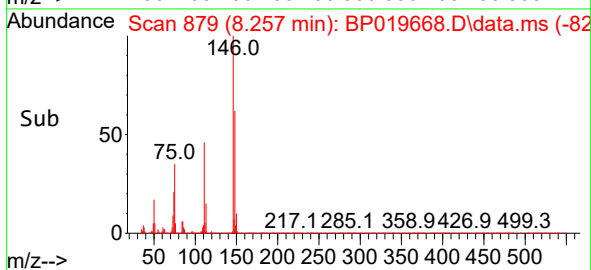
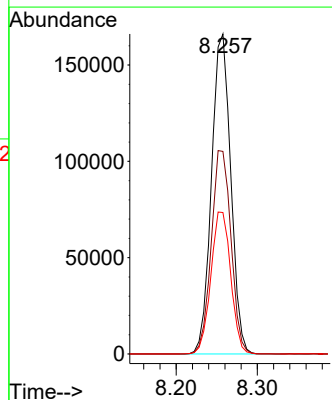
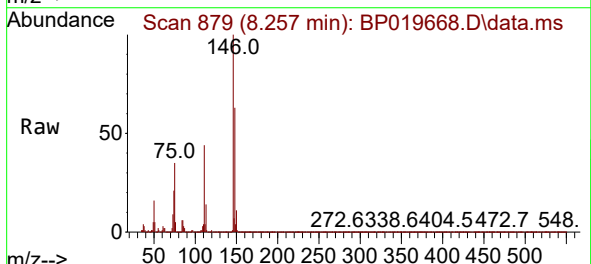
Instrument :
BNA_P
ClientSampleId :
TP-1MS

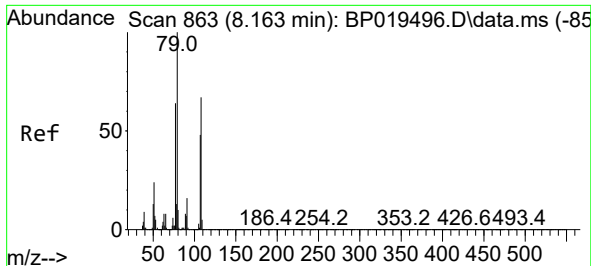
Tgt Ion:146 Resp: 284523
Ion Ratio Lower Upper
146 100
148 64.5 51.9 77.9
111 43.7 35.8 53.6



#14
1,2-Dichlorobenzene
Concen: 40.670 ng
RT: 8.257 min Scan# 879
Delta R.T. -0.006 min
Lab File: BP019668.D
Acq: 12 Feb 2024 18:10

Tgt Ion:146 Resp: 273556
Ion Ratio Lower Upper
146 100
148 63.3 51.4 77.0
111 44.2 37.0 55.6

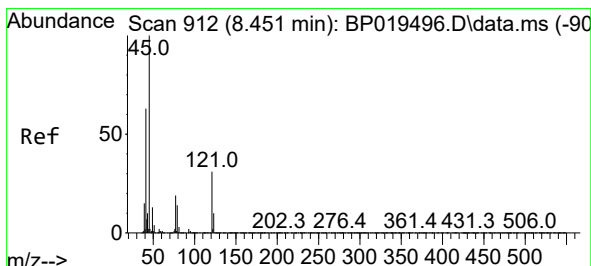
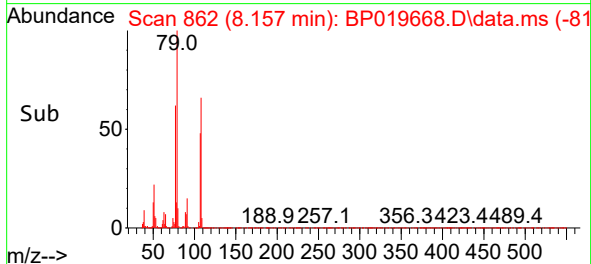
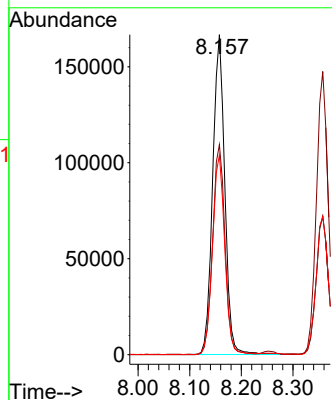
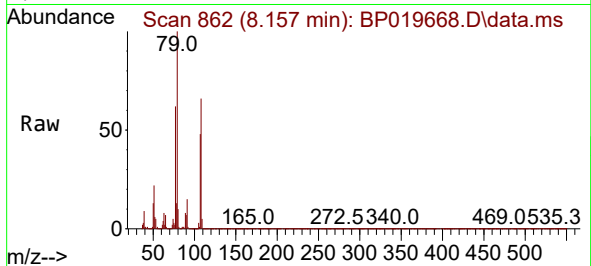




#15
Benzyl Alcohol
Concen: 46.018 ng
RT: 8.157 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP019668.D
Acq: 12 Feb 2024 18:10

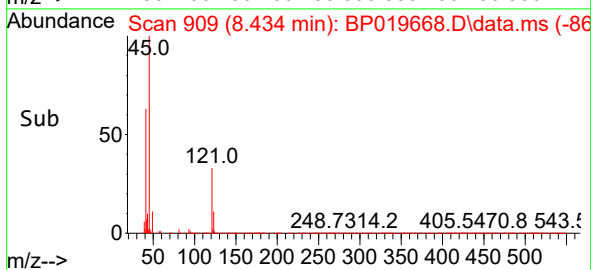
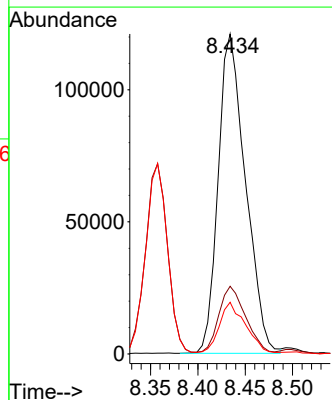
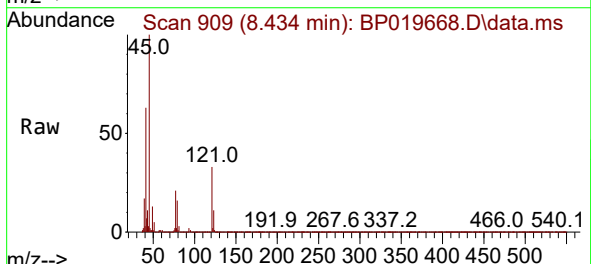
Instrument :
BNA_P
ClientSampleId :
TP-1MS

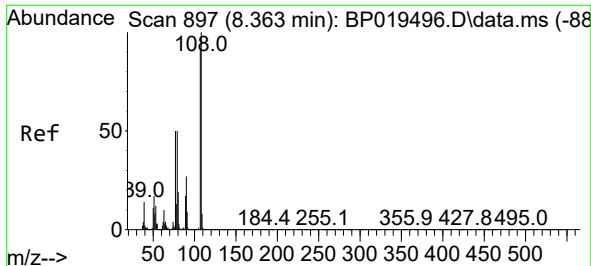
Tgt Ion: 79 Resp: 270795
Ion Ratio Lower Upper
79 100
108 65.7 53.8 80.6
77 62.4 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.464 ng
RT: 8.434 min Scan# 909
Delta R.T. -0.017 min
Lab File: BP019668.D
Acq: 12 Feb 2024 18:10

Tgt Ion: 45 Resp: 242498
Ion Ratio Lower Upper
45 100
77 21.1 0.8 40.8
79 16.1 0.0 35.5

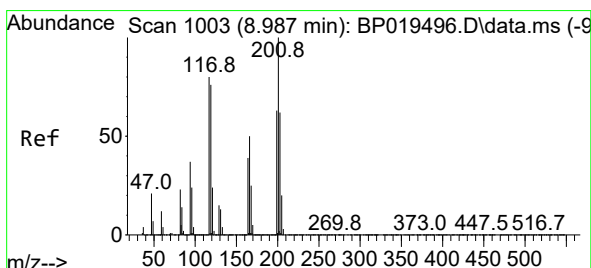
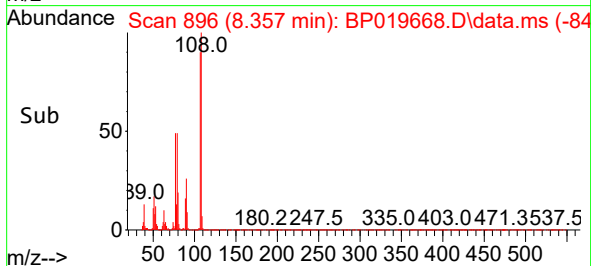
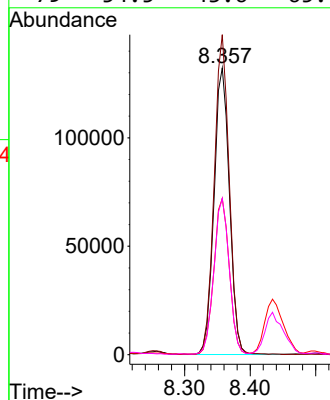
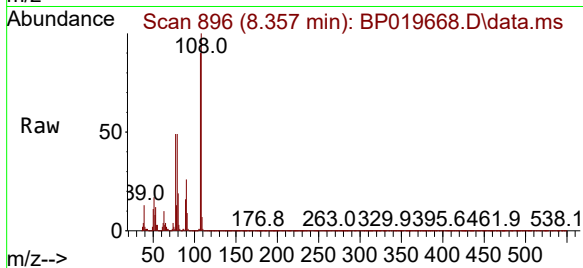




#17
2-Methylphenol
Concen: 43.585 ng
RT: 8.357 min Scan# 89
Delta R.T. -0.006 min
Lab File: BP019668.D
Acq: 12 Feb 2024 18:10

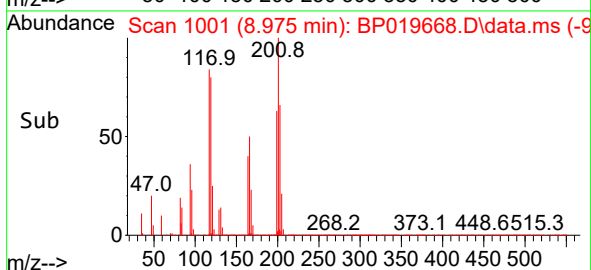
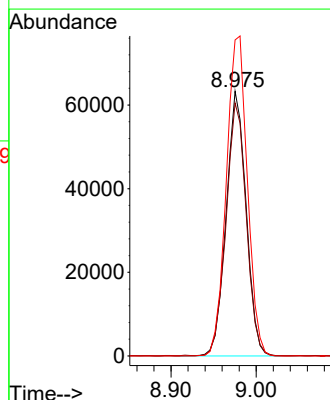
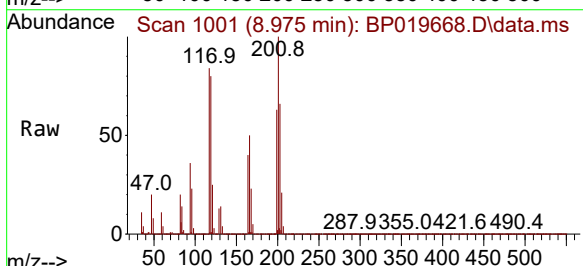
Instrument :
BNA_P
ClientSampleId :
TP-1MS

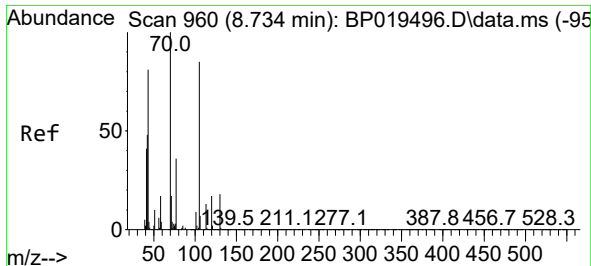
Tgt Ion:	107	Resp:	215389
Ion	Ratio	Lower	Upper
107	100		
108	111.6	87.0	130.6
77	54.5	43.5	65.3
79	54.5	43.6	65.4



#18
Hexachloroethane
Concen: 38.362 ng
RT: 8.975 min Scan# 1001
Delta R.T. -0.011 min
Lab File: BP019668.D
Acq: 12 Feb 2024 18:10

Tgt Ion:	117	Resp:	103371
Ion	Ratio	Lower	Upper
117	100		
119	95.6	75.5	113.3
201	119.4	99.4	149.2

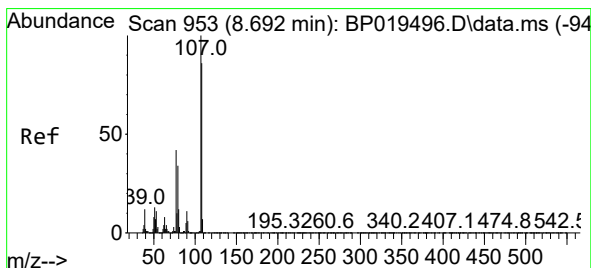
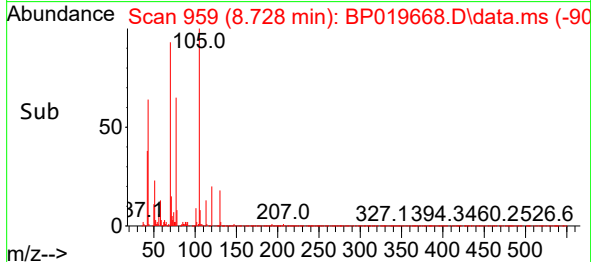
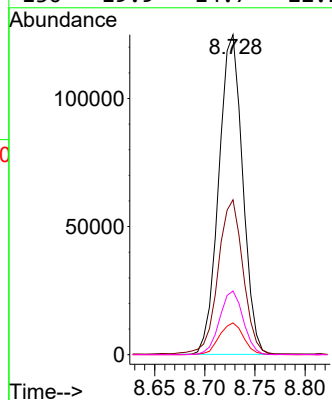
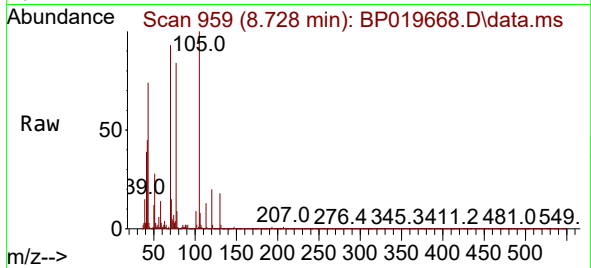




#19
n-Nitroso-di-n-propylamine
Concen: 41.020 ng
RT: 8.728 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP019668.D
Acq: 12 Feb 2024 18:10

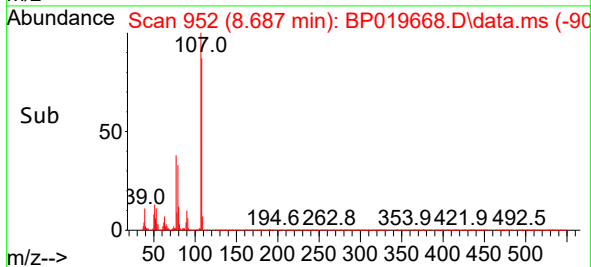
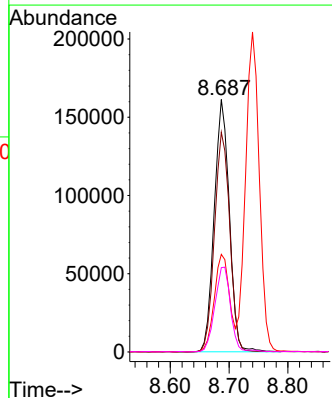
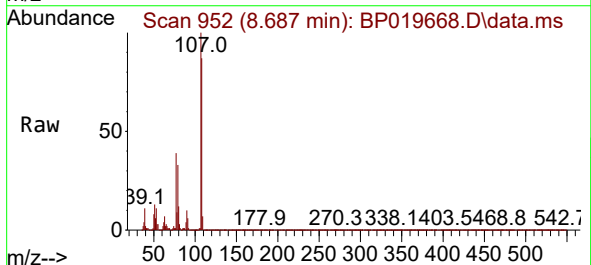
Instrument :
BNA_P
ClientSampleId :
TP-1MS

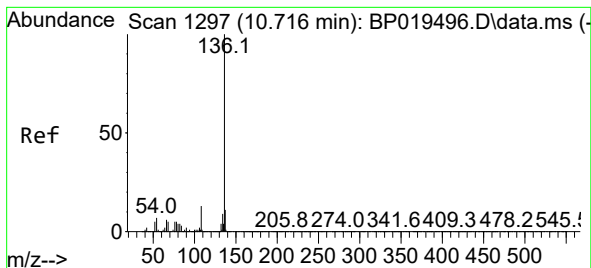
Tgt Ion: 70 Resp: 206350
Ion Ratio Lower Upper
70 100
42 48.4 39.2 58.8
101 9.9 7.3 10.9
130 19.9 14.7 22.1



#20
3+4-Methylphenols
Concen: 42.667 ng
RT: 8.687 min Scan# 952
Delta R.T. -0.006 min
Lab File: BP019668.D
Acq: 12 Feb 2024 18:10

Tgt Ion: 107 Resp: 287763
Ion Ratio Lower Upper
107 100
108 87.0 65.5 105.5
77 38.7 21.8 61.8
79 33.4 14.1 54.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.704 min Scan# 11

Delta R.T. -0.011 min

Lab File: BP019668.D

Acq: 12 Feb 2024 18:10

Instrument :

BNA_P

ClientSampleId :

TP-1MS

Tgt Ion:136 Resp: 302085

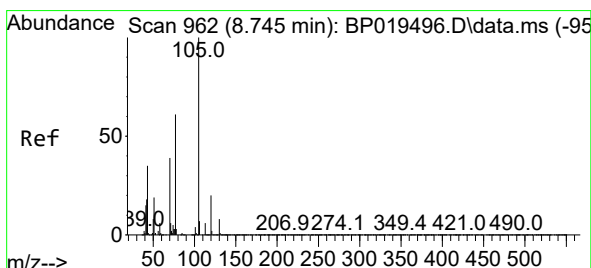
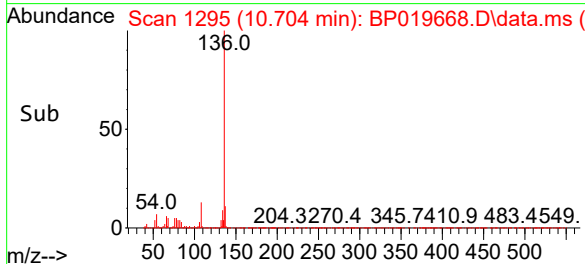
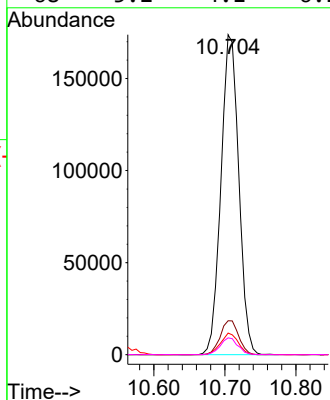
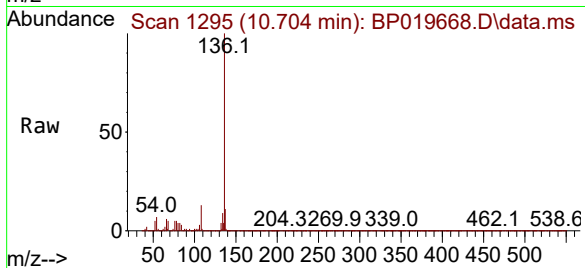
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 6.7 5.3 7.9

68 5.2 4.1 6.1



#22

Acetophenone

Concen: 48.107 ng

RT: 8.740 min Scan# 961

Delta R.T. -0.006 min

Lab File: BP019668.D

Acq: 12 Feb 2024 18:10

Tgt Ion:105 Resp: 414003

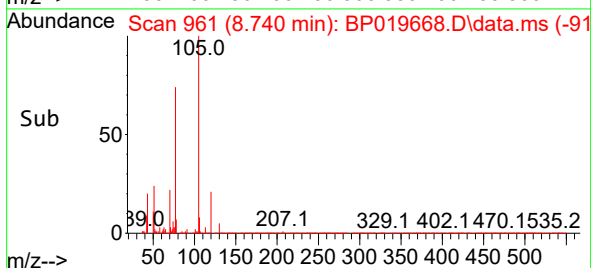
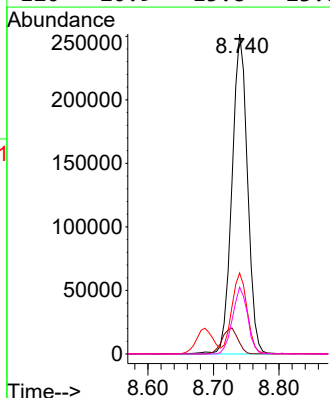
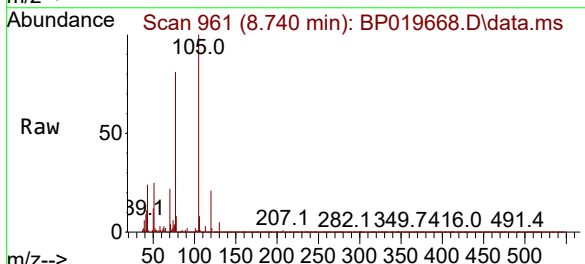
Ion Ratio Lower Upper

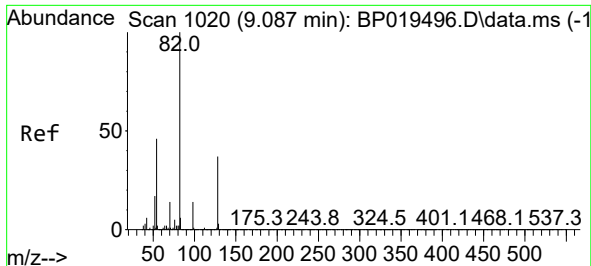
105 100

71 3.5 4.9 7.3#

51 25.3 20.7 31.1

120 20.9 15.8 23.8





#23

Nitrobenzene-d5

Concen: 92.688 ng

RT: 9.081 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BP019668.D

Acq: 12 Feb 2024 18:10

Instrument :

BNA_P

ClientSampleId :

TP-1MS

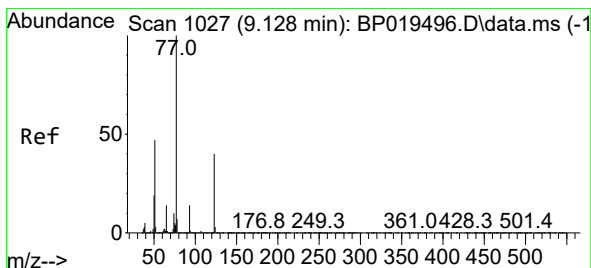
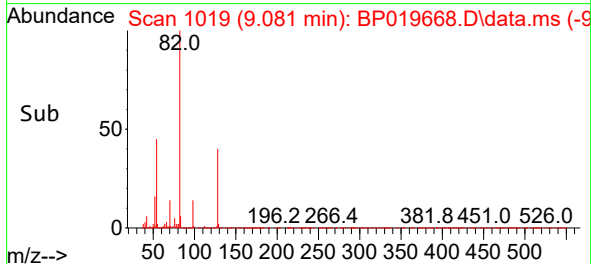
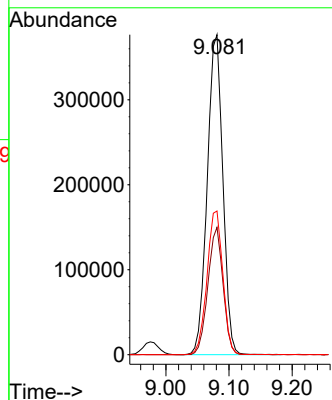
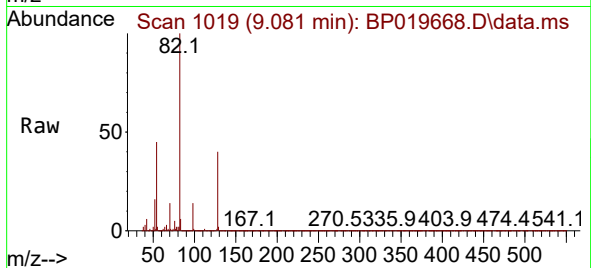
Tgt Ion: 82 Resp: 646171

Ion Ratio Lower Upper

82 100

128 39.8 29.7 44.5

54 44.9 36.8 55.2



#24

Nitrobenzene

Concen: 44.872 ng

RT: 9.122 min Scan# 1026

Delta R.T. -0.006 min

Lab File: BP019668.D

Acq: 12 Feb 2024 18:10

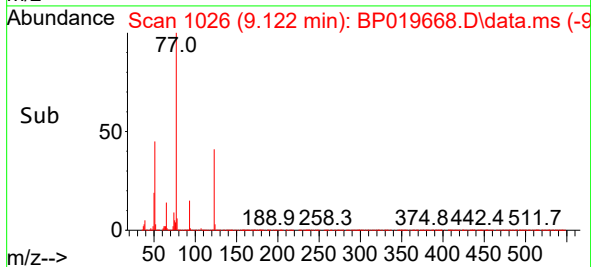
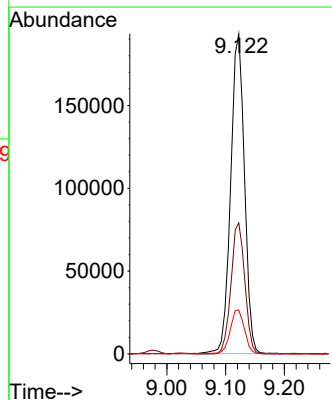
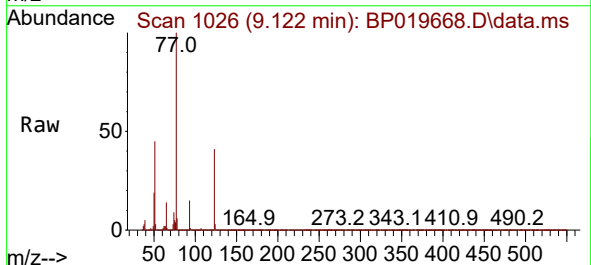
Tgt Ion: 77 Resp: 314966

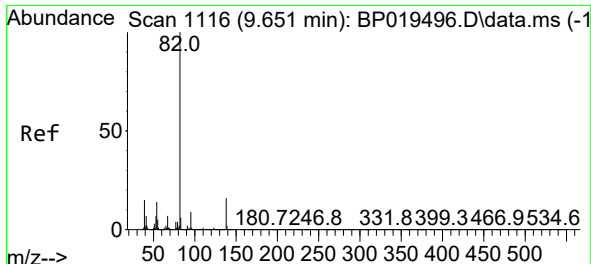
Ion Ratio Lower Upper

77 100

123 41.0 32.3 48.5

65 13.7 11.6 17.4

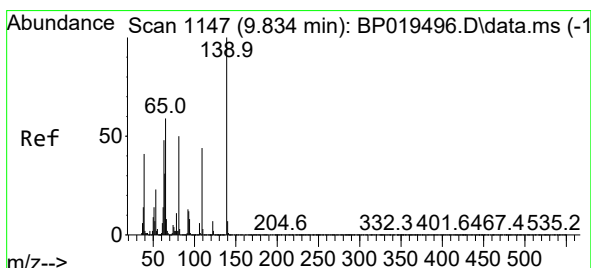
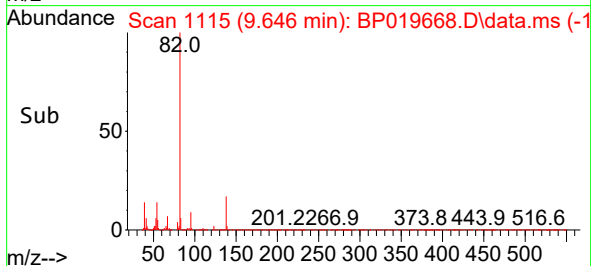
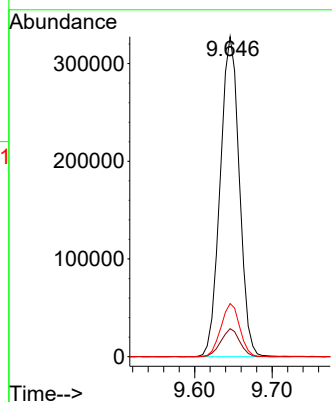
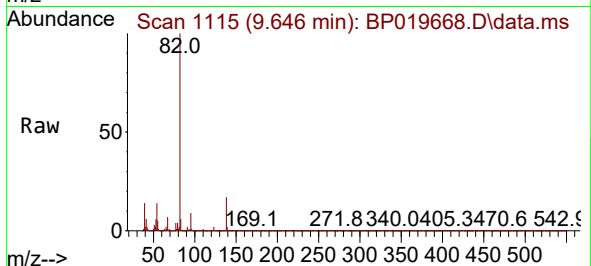




#25
Isophorone
Concen: 46.218 ng
RT: 9.646 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BP019668.D
Acq: 12 Feb 2024 18:10

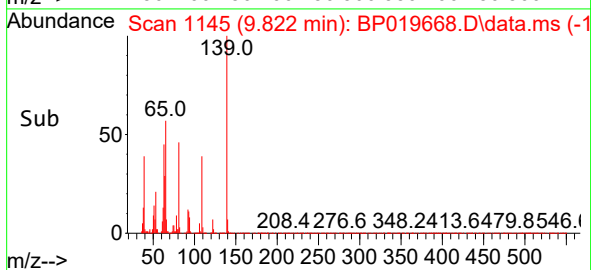
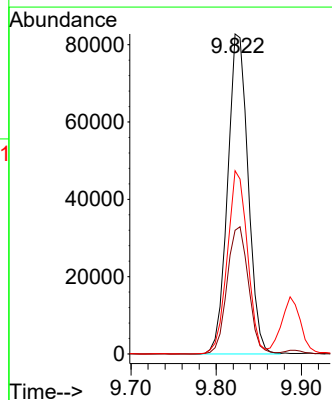
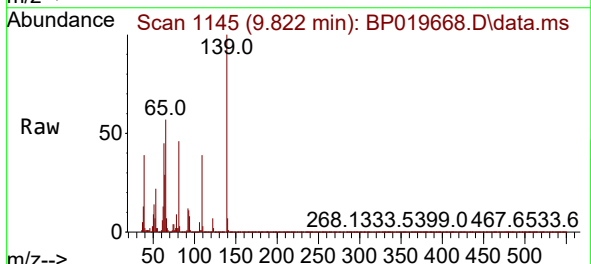
Instrument :
BNA_P
ClientSampleId :
TP-1MS

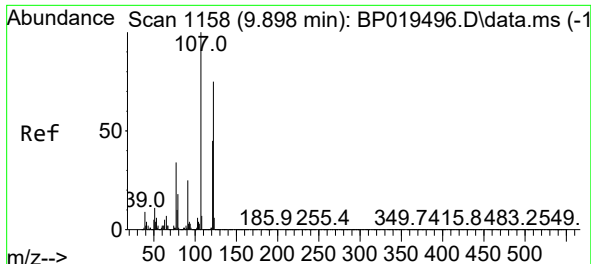
Tgt Ion: 82 Resp: 561143
Ion Ratio Lower Upper
82 100
95 8.8 7.0 10.4
138 16.6 13.1 19.7



#26
2-Nitrophenol
Concen: 51.611 ng
RT: 9.822 min Scan# 1145
Delta R.T. -0.011 min
Lab File: BP019668.D
Acq: 12 Feb 2024 18:10

Tgt Ion:139 Resp: 138132
Ion Ratio Lower Upper
139 100
109 38.7 34.9 52.3
65 57.3 47.5 71.3





#27

2,4-Dimethylphenol

Concen: 53.891 ng

RT: 9.887 min Scan# 1158

Delta R.T. -0.011 min

Lab File: BP019668.D

Acq: 12 Feb 2024 18:10

Instrument :

BNA_P

ClientSampleId :

TP-1MS

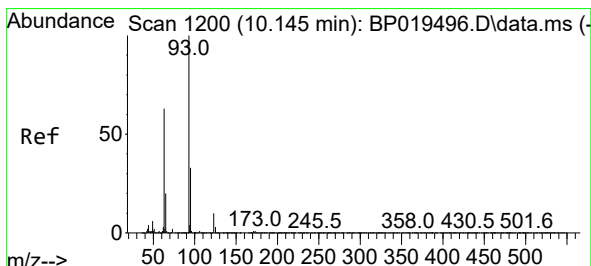
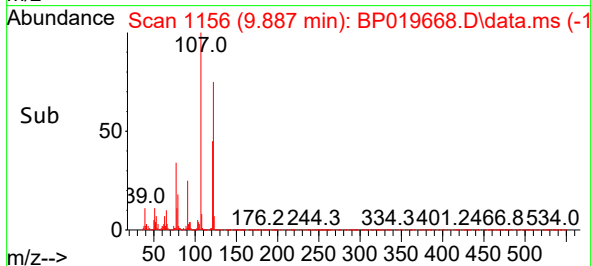
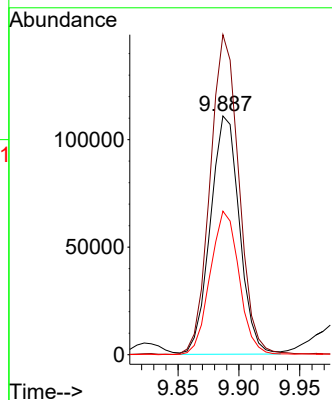
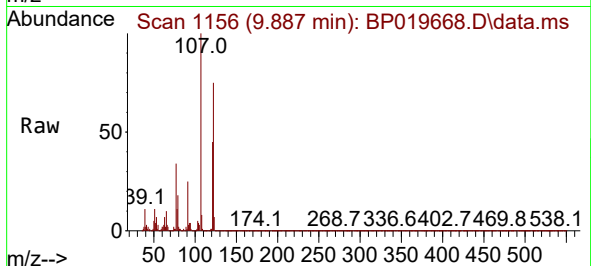
Tgt Ion:122 Resp: 184431

Ion Ratio Lower Upper

122 100

107 134.1 105.9 158.9

121 60.2 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 46.849 ng

RT: 10.134 min Scan# 1198

Delta R.T. -0.011 min

Lab File: BP019668.D

Acq: 12 Feb 2024 18:10

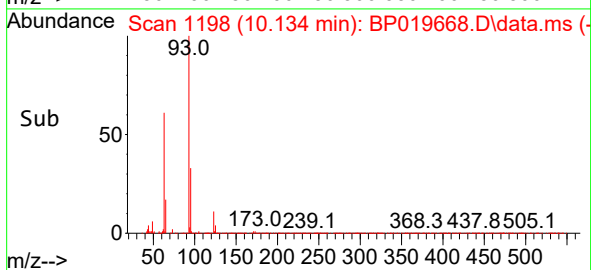
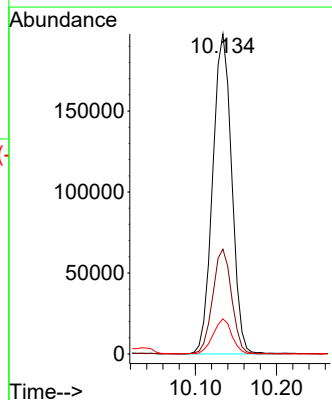
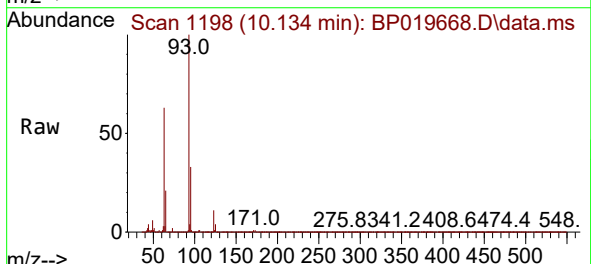
Tgt Ion: 93 Resp: 321824

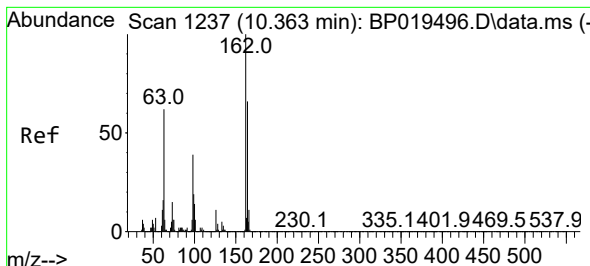
Ion Ratio Lower Upper

93 100

95 32.7 26.2 39.4

123 11.0 8.5 12.7

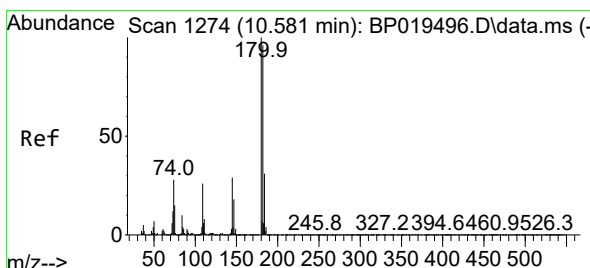
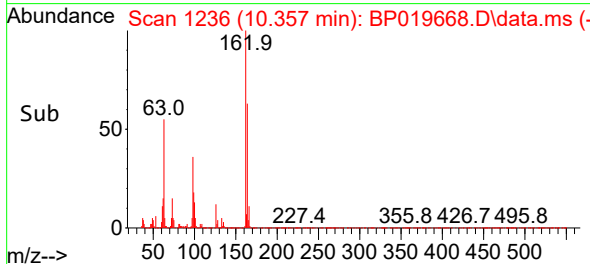
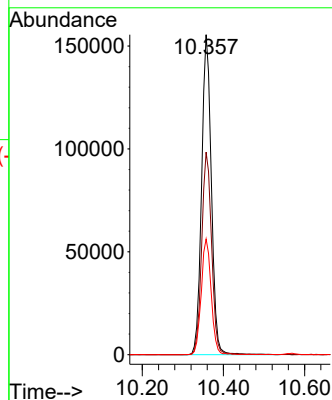
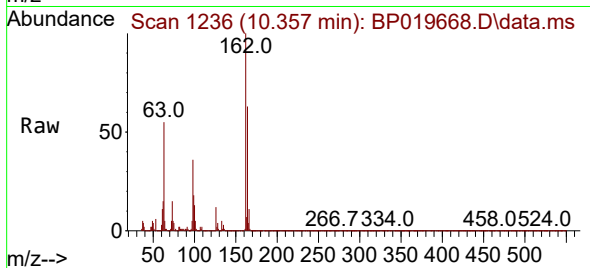




#29
2,4-Dichlorophenol
Concen: 50.215 ng
RT: 10.357 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP019668.D
Acq: 12 Feb 2024 18:10

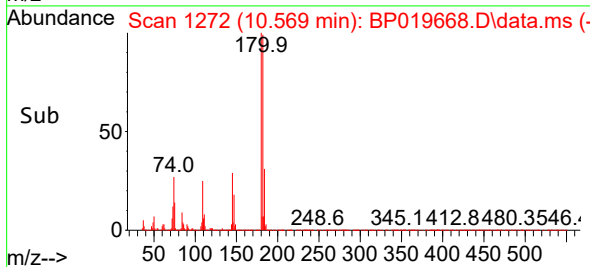
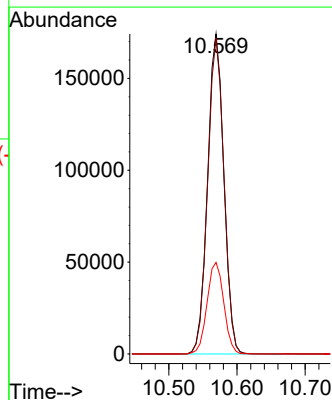
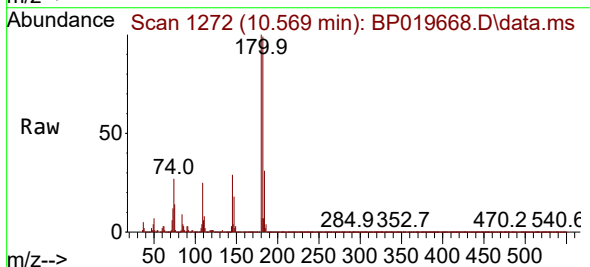
Instrument :
BNA_P
ClientSampleId :
TP-1MS

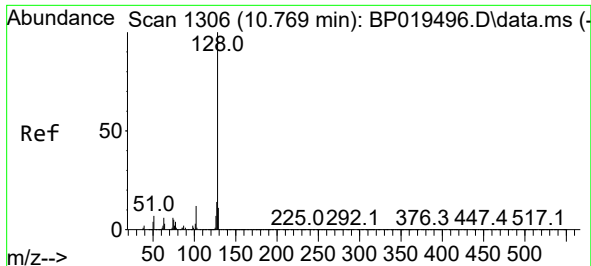
Tgt Ion:162 Resp: 259779
Ion Ratio Lower Upper
162 100
164 63.3 46.0 86.0
98 36.2 18.7 58.7



#30
1,2,4-Trichlorobenzene
Concen: 45.730 ng
RT: 10.569 min Scan# 1272
Delta R.T. -0.011 min
Lab File: BP019668.D
Acq: 12 Feb 2024 18:10

Tgt Ion:180 Resp: 290071
Ion Ratio Lower Upper
180 100
182 98.7 77.0 115.6
145 28.6 23.2 34.8

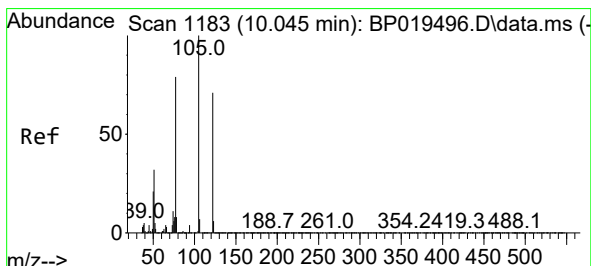
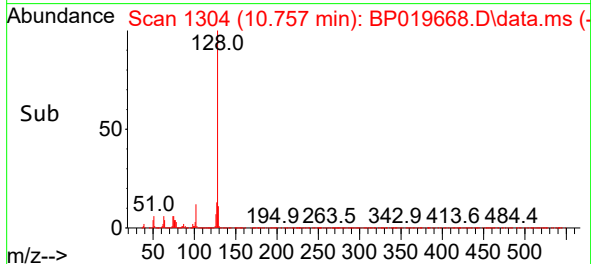
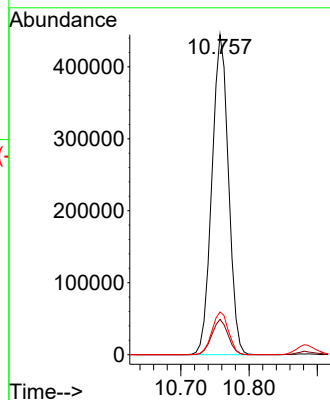
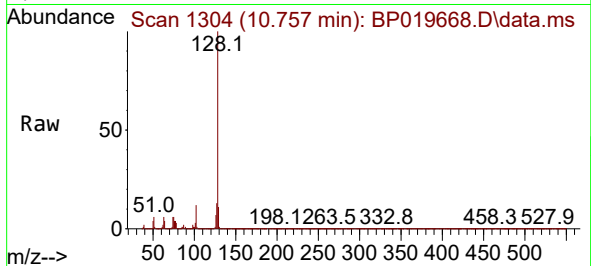




#31
Naphthalene
Concen: 45.369 ng
RT: 10.757 min Scan# 1182
Delta R.T. -0.011 min
Lab File: BP019668.D
Acq: 12 Feb 2024 18:10

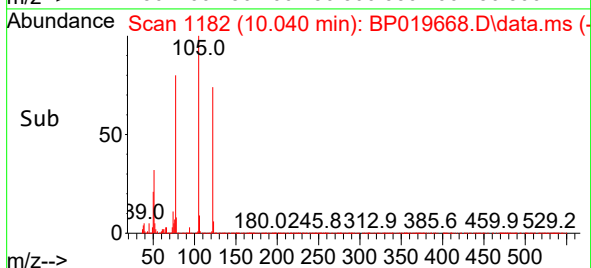
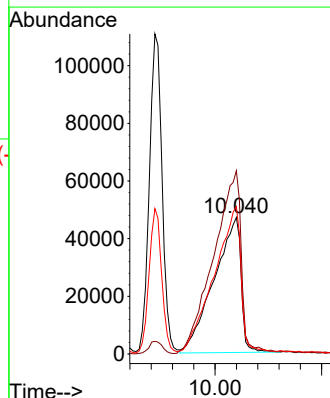
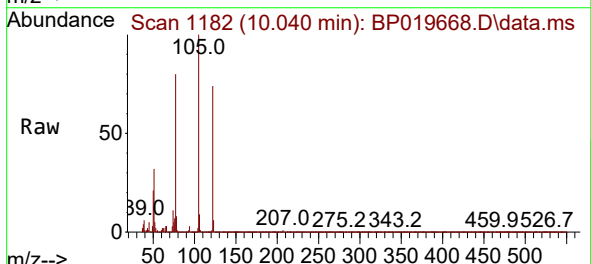
Instrument :
BNA_P
ClientSampleId :
TP-1MS

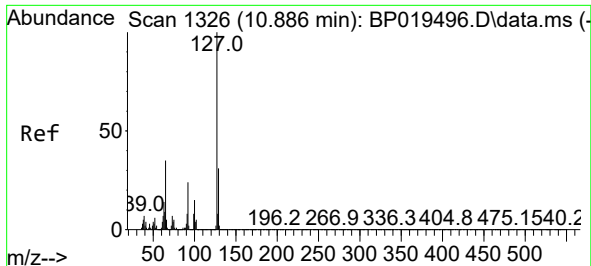
Tgt Ion:128 Resp: 751680
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 49.420 ng
RT: 10.040 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BP019668.D
Acq: 12 Feb 2024 18:10

Tgt Ion:122 Resp: 164785
Ion Ratio Lower Upper
122 100
105 134.3 118.8 158.8
77 108.0 91.7 131.7

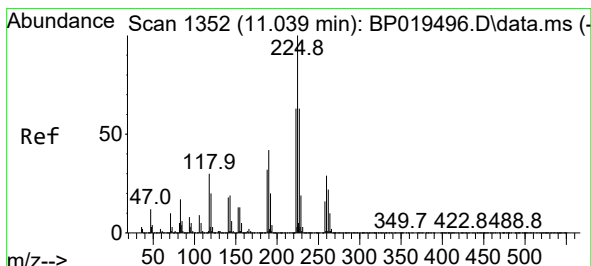
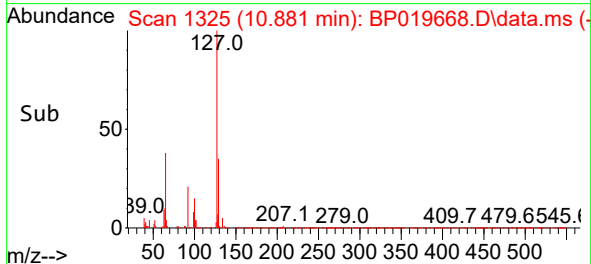
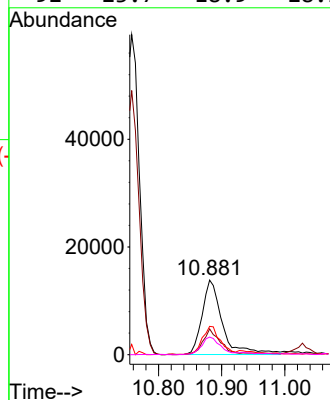
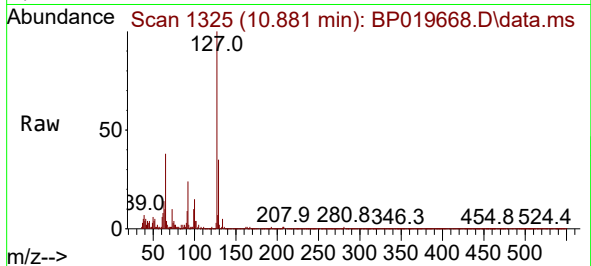




#33
4-Chloroaniline
Concen: 5.051 ng
RT: 10.881 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP019668.D
Acq: 12 Feb 2024 18:10

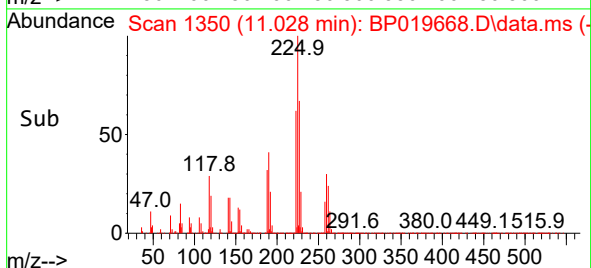
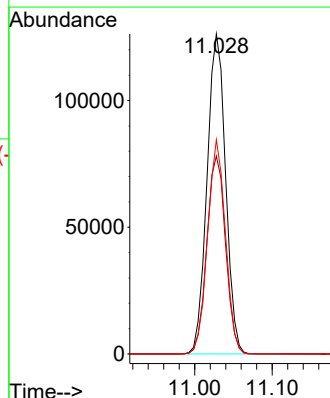
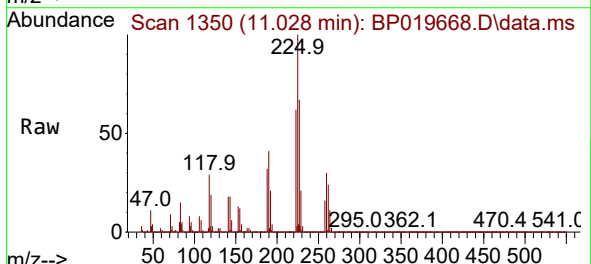
Instrument :
BNA_P
ClientSampleId :
TP-1MS

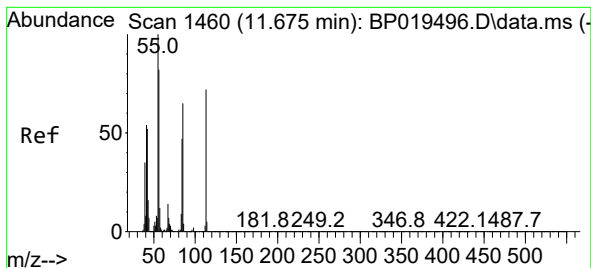
Tgt Ion:	127	Resp:	30947
Ion	Ratio	Lower	Upper
127	100		
129	34.6	24.6	36.8
65	38.0	28.2	42.4
92	23.7	18.9	28.3



#34
Hexachlorobutadiene
Concen: 44.652 ng
RT: 11.028 min Scan# 1350
Delta R.T. -0.011 min
Lab File: BP019668.D
Acq: 12 Feb 2024 18:10

Tgt Ion:	225	Resp:	209885
Ion	Ratio	Lower	Upper
225	100		
223	61.8	50.5	75.7
227	66.9	50.2	75.2

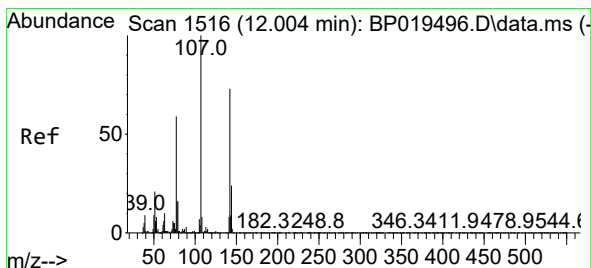
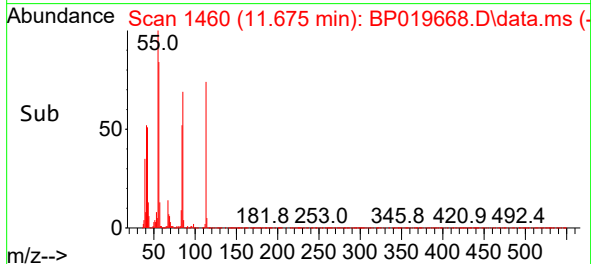
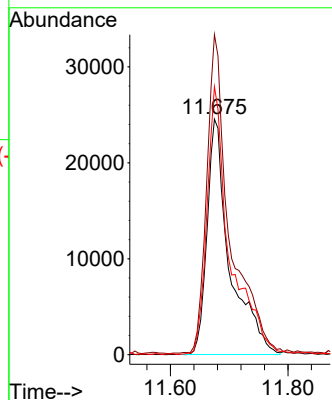
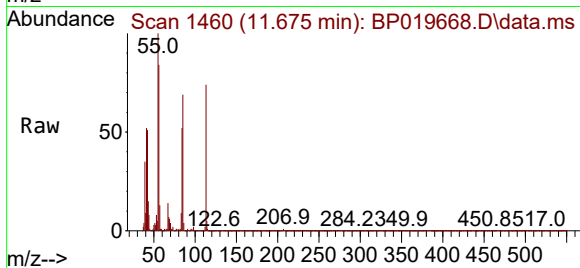




#35
Caprolactam
Concen: 45.081 ng
RT: 11.675 min Scan# 1460
Delta R.T. 0.000 min
Lab File: BP019668.D
Acq: 12 Feb 2024 18:10

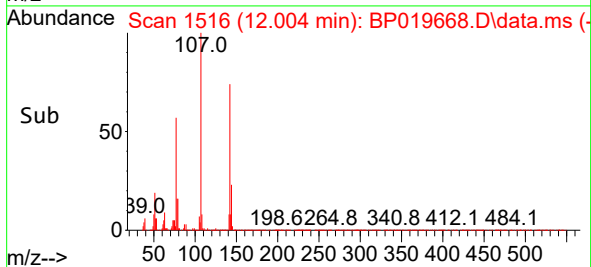
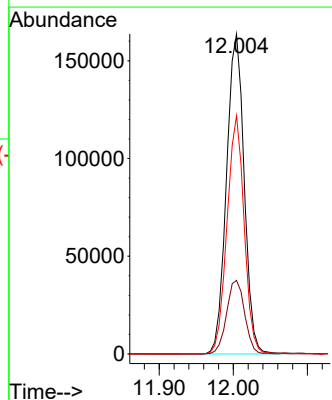
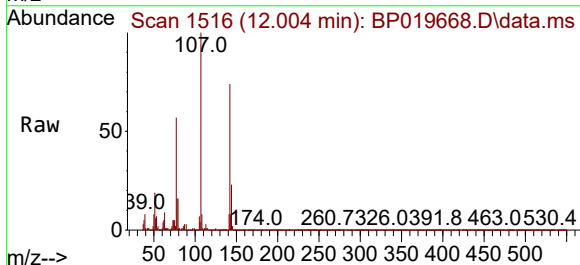
Instrument :
BNA_P
ClientSampleId :
TP-1MS

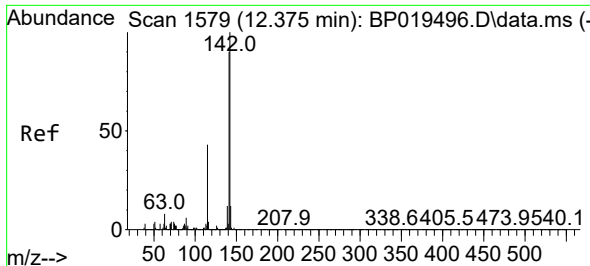
Tgt Ion:113 Resp: 66022
Ion Ratio Lower Upper
113 100
55 135.8 120.0 160.0
56 113.7 94.0 134.0



#36
4-Chloro-3-methylphenol
Concen: 47.973 ng
RT: 12.004 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BP019668.D
Acq: 12 Feb 2024 18:10

Tgt Ion:107 Resp: 270608
Ion Ratio Lower Upper
107 100
144 23.0 19.0 28.4
142 74.4 58.6 88.0

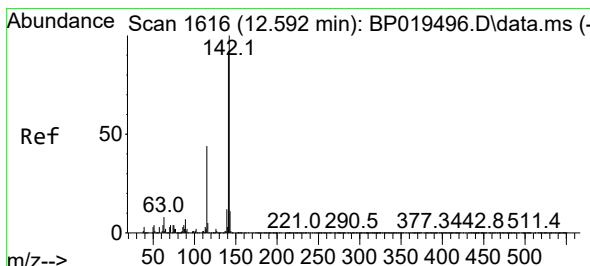
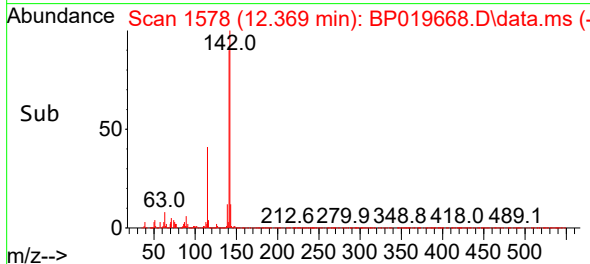
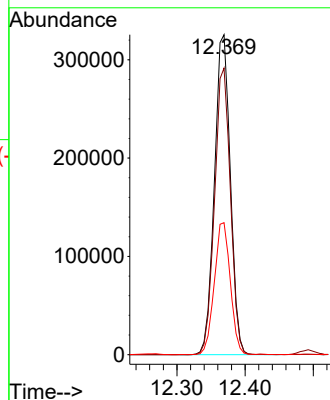
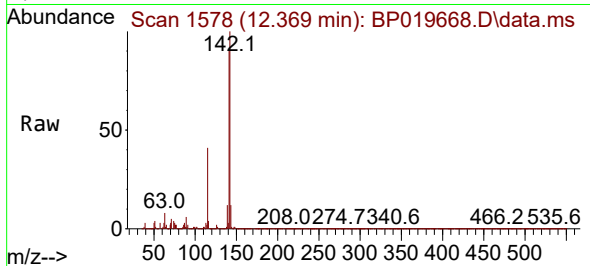




#37
2-Methylnaphthalene
Concen: 46.139 ng
RT: 12.369 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BP019668.D
Acq: 12 Feb 2024 18:10

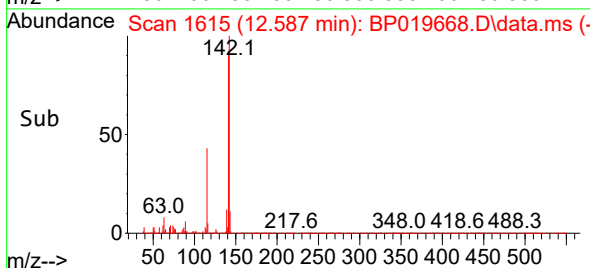
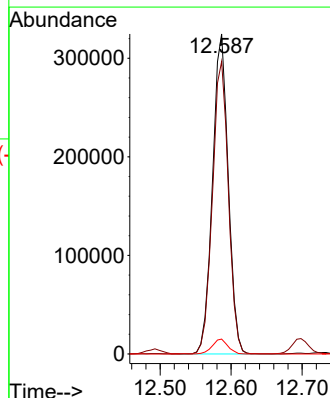
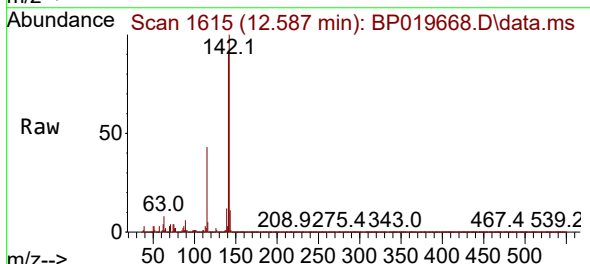
Instrument :
BNA_P
ClientSampleId :
TP-1MS

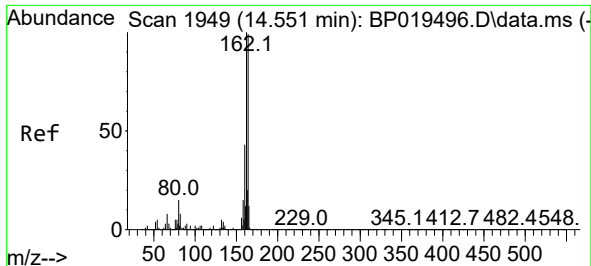
Tgt Ion:142 Resp: 529020
Ion Ratio Lower Upper
142 100
141 89.5 72.2 108.4
115 41.3 34.2 51.2



#38
1-Methylnaphthalene
Concen: 44.285 ng
RT: 12.587 min Scan# 1615
Delta R.T. -0.006 min
Lab File: BP019668.D
Acq: 12 Feb 2024 18:10

Tgt Ion:142 Resp: 498981
Ion Ratio Lower Upper
142 100
141 91.4 74.0 111.0
116 4.6 3.7 5.5

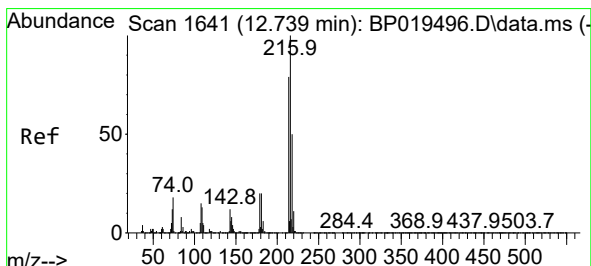
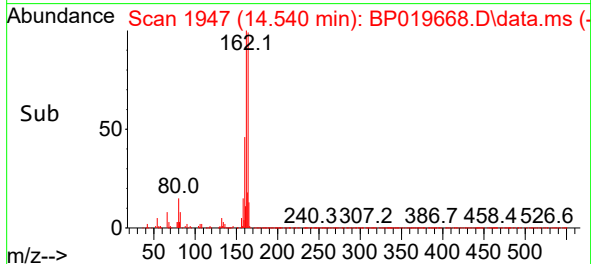
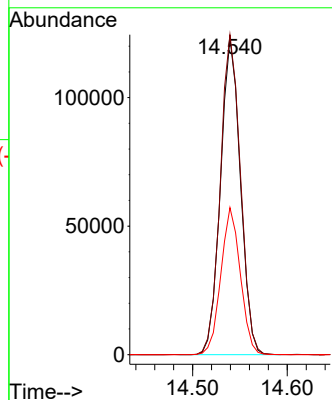
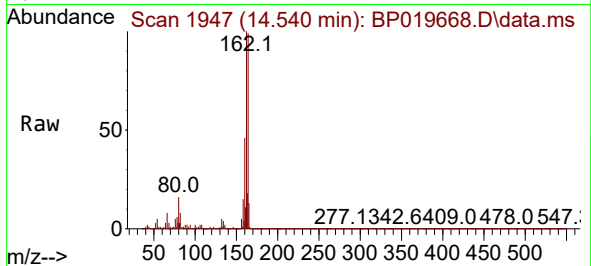




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.540 min Scan# 1947
Delta R.T. -0.011 min
Lab File: BP019668.D
Acq: 12 Feb 2024 18:10

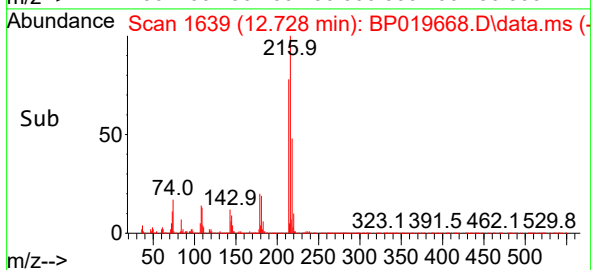
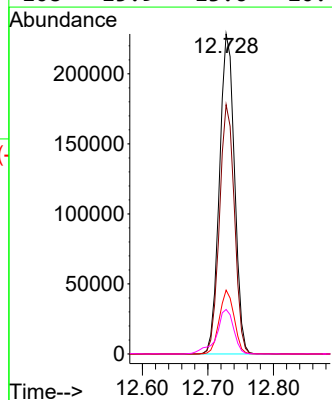
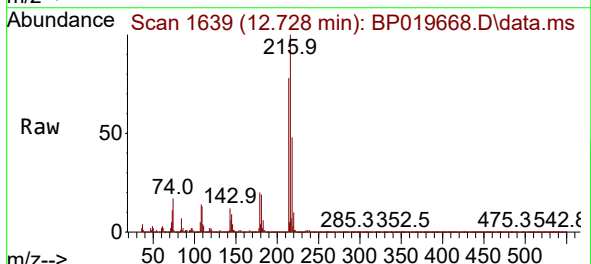
Instrument :
BNA_P
ClientSampleId :
TP-1MS

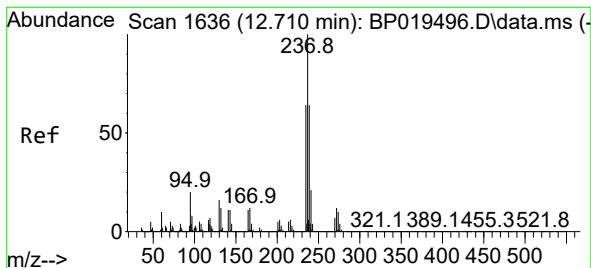
Tgt Ion:164 Resp: 179892
Ion Ratio Lower Upper
164 100
162 101.1 81.2 121.8
160 46.5 35.1 52.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.246 ng
RT: 12.728 min Scan# 1639
Delta R.T. -0.011 min
Lab File: BP019668.D
Acq: 12 Feb 2024 18:10

Tgt Ion:216 Resp: 362472
Ion Ratio Lower Upper
216 100
214 77.3 62.8 94.2
179 19.6 16.6 24.8
108 15.9 13.6 20.4





#41

Hexachlorocyclopentadiene

Concen: 79.586 ng

RT: 12.698 min Scan# 1

Delta R.T. -0.011 min

Lab File: BP019668.D

Acq: 12 Feb 2024 18:10

Instrument :

BNA_P

ClientSampleId :

TP-1MS

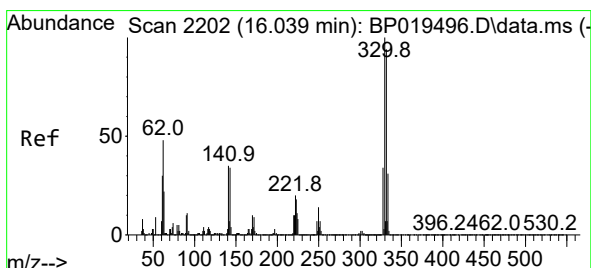
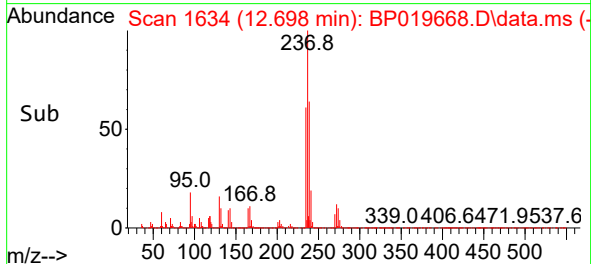
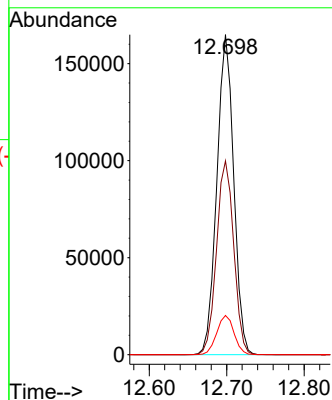
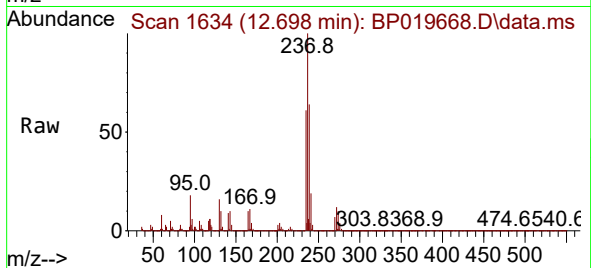
Tgt Ion:237 Resp: 249433

Ion Ratio Lower Upper

237 100

235 60.6 43.7 83.7

272 12.3 0.0 32.4



#42

2,4,6-Tribromophenol

Concen: 169.211 ng

RT: 16.039 min Scan# 2202

Delta R.T. 0.000 min

Lab File: BP019668.D

Acq: 12 Feb 2024 18:10

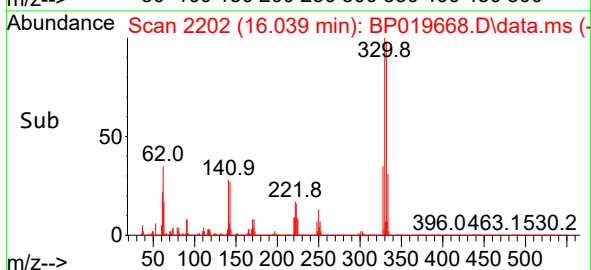
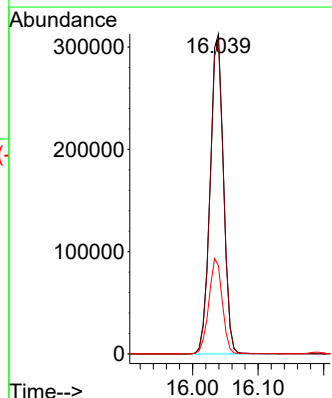
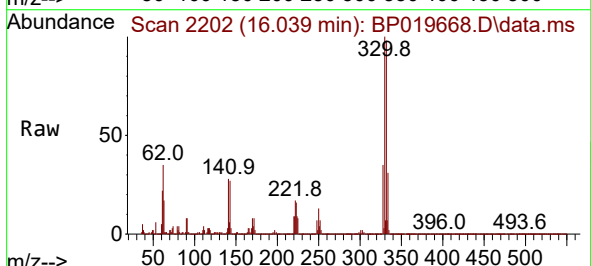
Tgt Ion:330 Resp: 444441

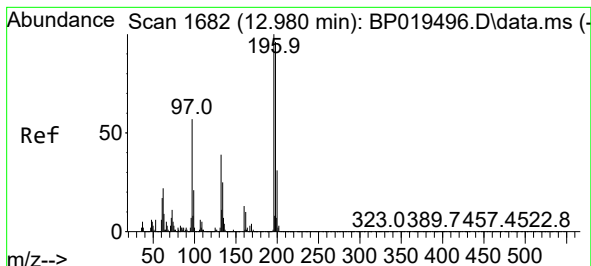
Ion Ratio Lower Upper

330 100

332 97.9 77.2 115.8

141 30.1 27.0 40.4





#43

2,4,6-Trichlorophenol

Concen: 53.292 ng

RT: 12.975 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP019668.D

Acq: 12 Feb 2024 18:10

Instrument :

BNA_P

ClientSampleId :

TP-1MS

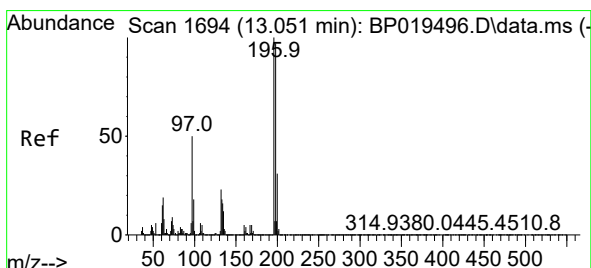
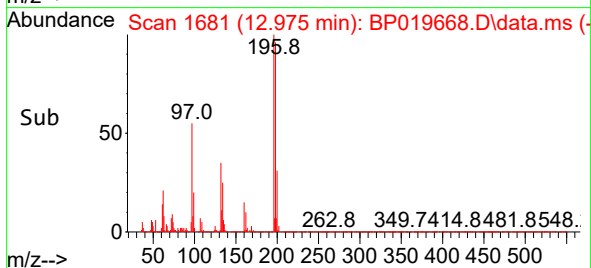
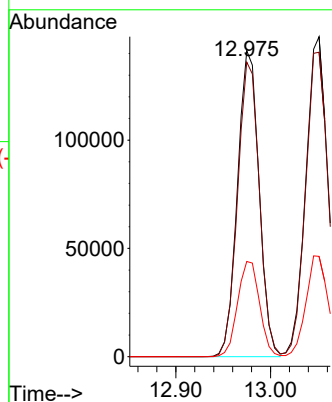
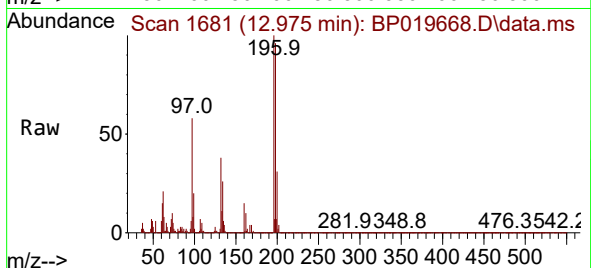
Tgt Ion:196 Resp: 223878

Ion Ratio Lower Upper

196 100

198 96.3 76.7 115.1

200 31.1 24.6 36.8



#44

2,4,5-Trichlorophenol

Concen: 52.307 ng

RT: 13.051 min Scan# 1694

Delta R.T. 0.000 min

Lab File: BP019668.D

Acq: 12 Feb 2024 18:10

Tgt Ion:196 Resp: 241291

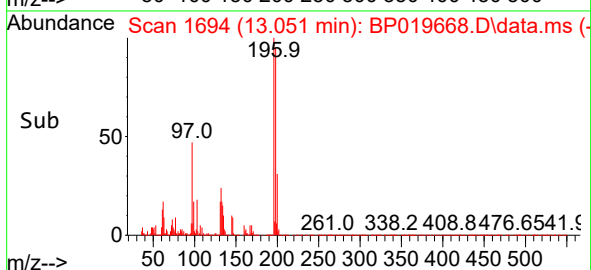
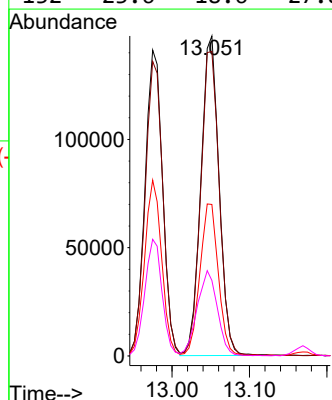
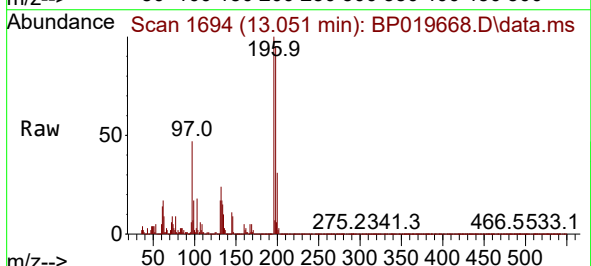
Ion Ratio Lower Upper

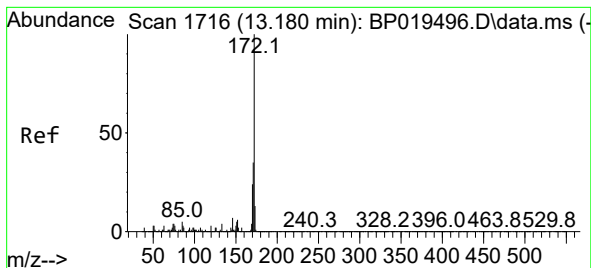
196 100

198 95.1 77.5 116.3

97 47.4 39.9 59.9

132 23.6 18.6 27.8





#45

2-Fluorobiphenyl

Concen: 93.333 ng

RT: 13.169 min Scan# 1

Delta R.T. -0.011 min

Lab File: BP019668.D

Acq: 12 Feb 2024 18:10

Instrument :

BNA_P

ClientSampleId :

TP-1MS

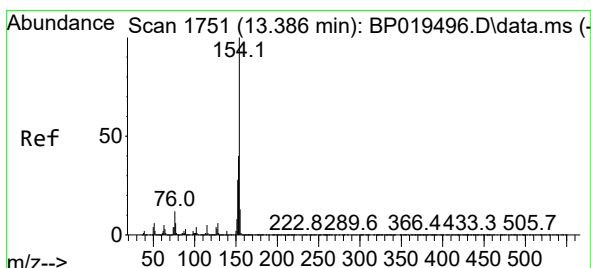
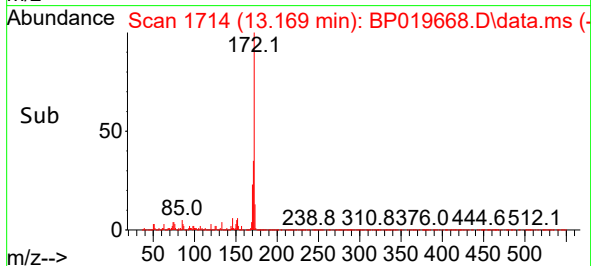
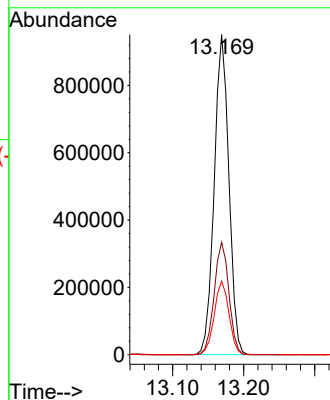
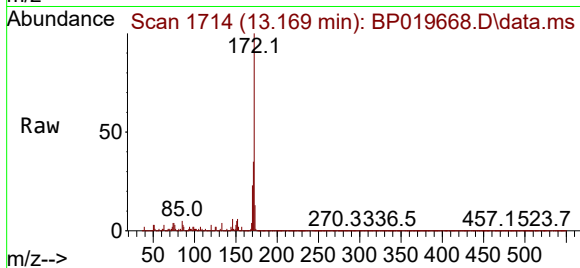
Tgt Ion:172 Resp: 1358159

Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.4

170 23.0 18.9 28.3



#46

1,1'-Biphenyl

Concen: 49.625 ng

RT: 13.381 min Scan# 1750

Delta R.T. -0.006 min

Lab File: BP019668.D

Acq: 12 Feb 2024 18:10

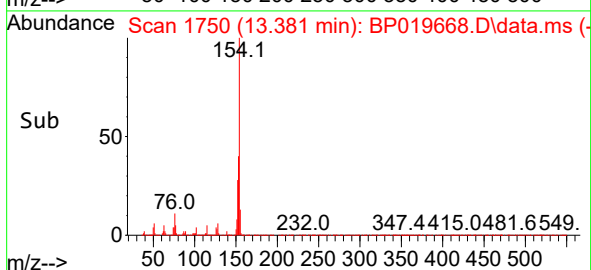
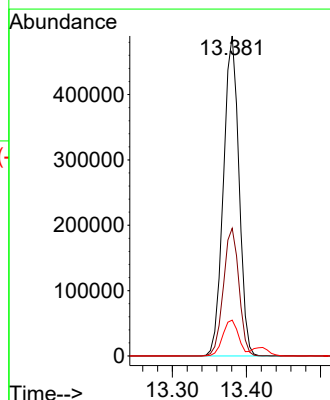
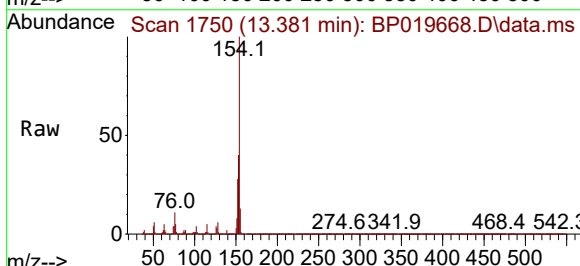
Tgt Ion:154 Resp: 712499

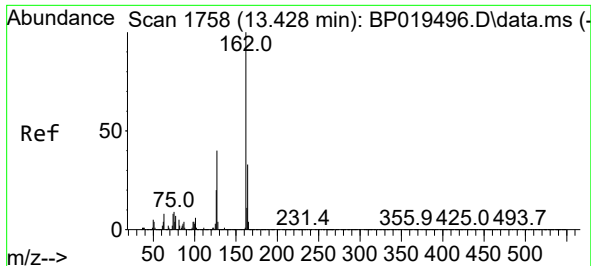
Ion Ratio Lower Upper

154 100

153 39.9 20.2 60.2

76 11.2 0.0 31.6

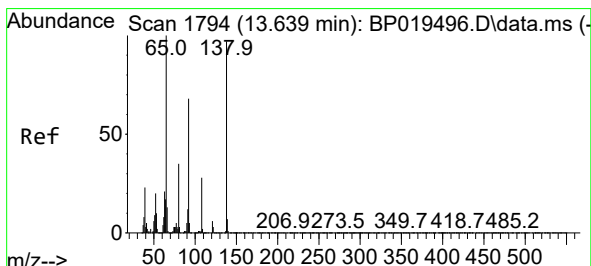
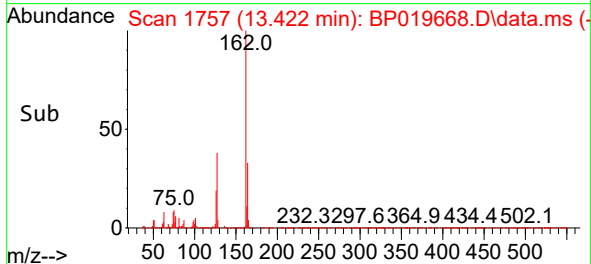
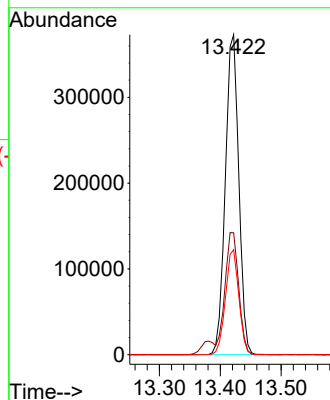
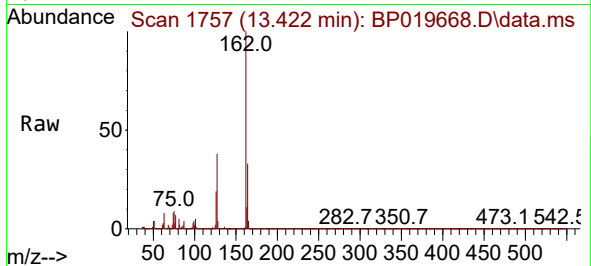




#47
2-Chloronaphthalene
Concen: 48.622 ng
RT: 13.422 min Scan# 1758
Delta R.T. -0.006 min
Lab File: BP019668.D
Acq: 12 Feb 2024 18:10

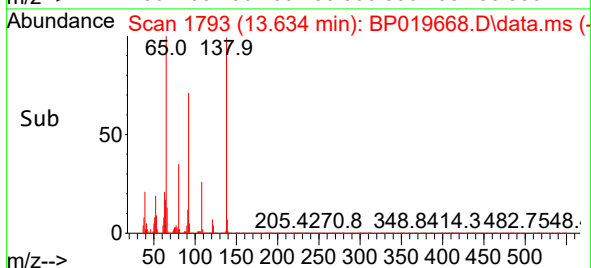
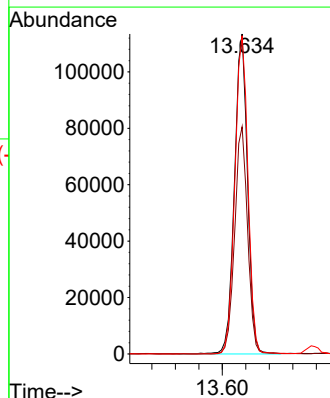
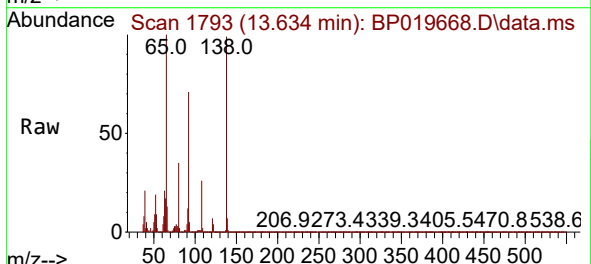
Instrument :
BNA_P
ClientSampleId :
TP-1MS

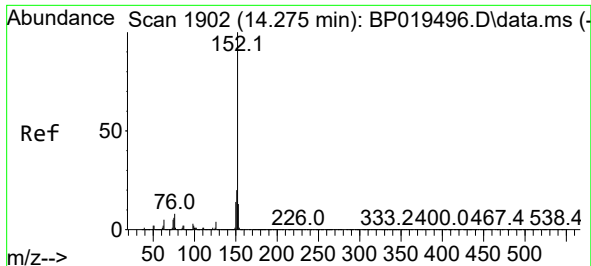
Tgt Ion:162 Resp: 573062
Ion Ratio Lower Upper
162 100
127 38.1 32.1 48.1
164 32.8 26.7 40.1



#48
2-Nitroaniline
Concen: 53.092 ng
RT: 13.634 min Scan# 1793
Delta R.T. -0.006 min
Lab File: BP019668.D
Acq: 12 Feb 2024 18:10

Tgt Ion: 65 Resp: 174970
Ion Ratio Lower Upper
65 100
92 71.0 54.7 82.1
138 99.4 77.8 116.6

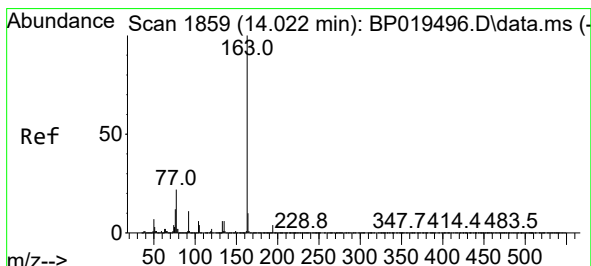
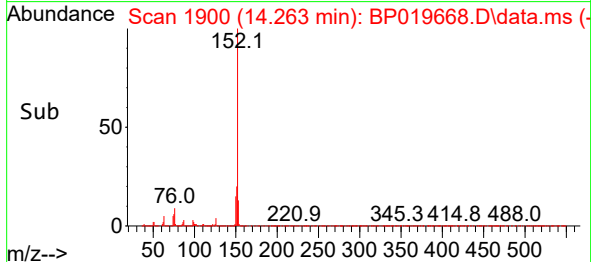
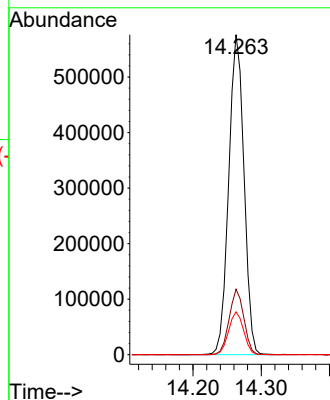
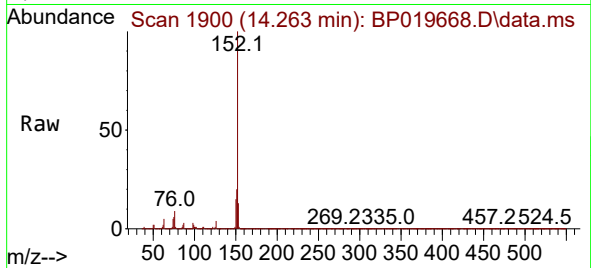




#49
Acenaphthylene
Concen: 54.252 ng
RT: 14.263 min Scan# 1900
Delta R.T. -0.011 min
Lab File: BP019668.D
Acq: 12 Feb 2024 18:10

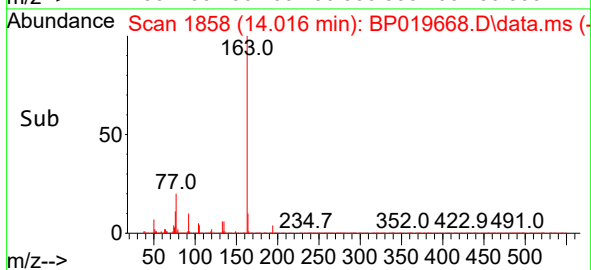
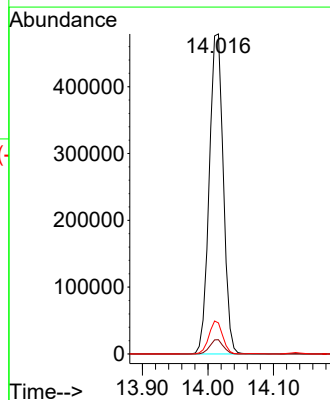
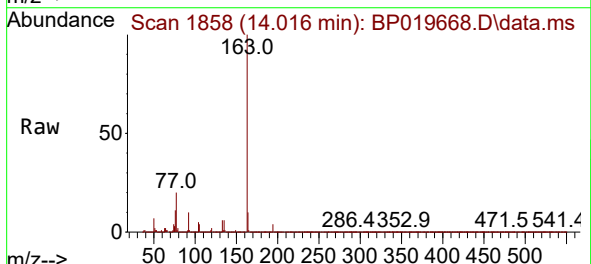
Instrument :
BNA_P
ClientSampleId :
TP-1MS

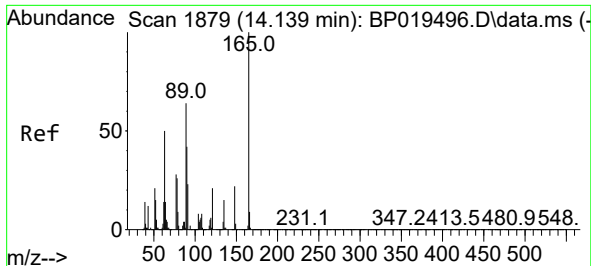
Tgt Ion:152 Resp: 897077
Ion Ratio Lower Upper
152 100
151 20.4 15.8 23.6
153 13.4 10.6 15.8



#50
Dimethylphthalate
Concen: 51.868 ng
RT: 14.016 min Scan# 1858
Delta R.T. -0.006 min
Lab File: BP019668.D
Acq: 12 Feb 2024 18:10

Tgt Ion:163 Resp: 714285
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 9.7 7.8 11.6

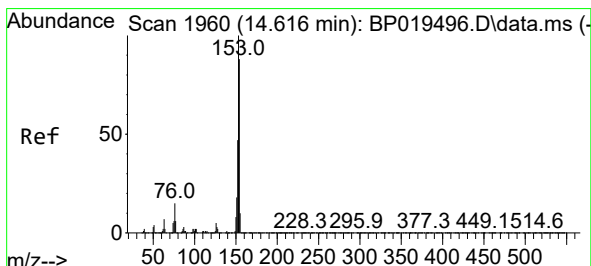
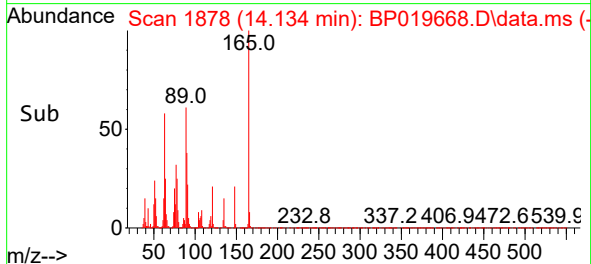
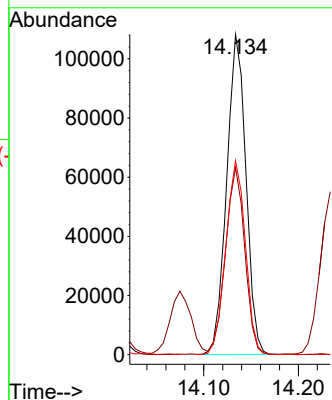
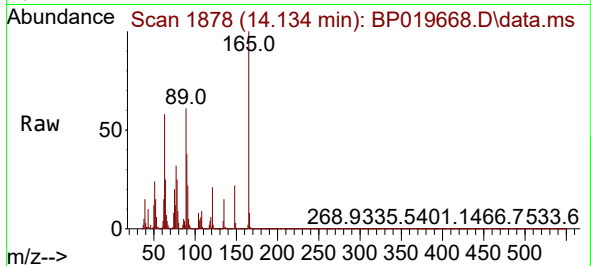




#51
2,6-Dinitrotoluene
Concen: 50.628 ng
RT: 14.134 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP019668.D
Acq: 12 Feb 2024 18:10

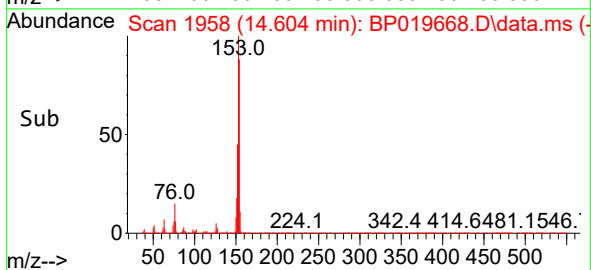
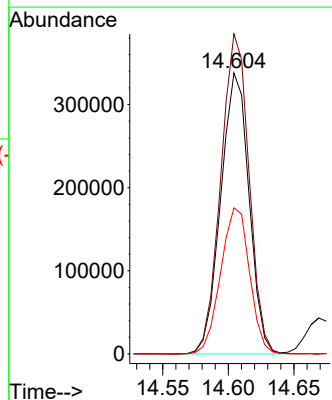
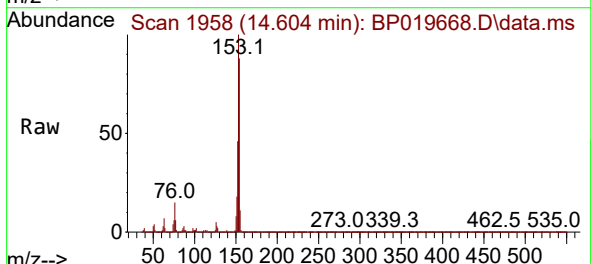
Instrument :
BNA_P
ClientSampleId :
TP-1MS

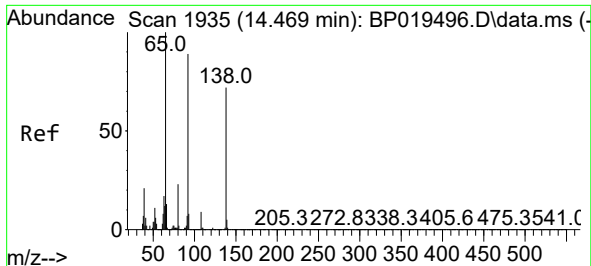
Tgt Ion:165 Resp: 153182
Ion Ratio Lower Upper
165 100
63 58.4 50.4 75.6
89 60.6 51.7 77.5



#52
Acenaphthene
Concen: 49.390 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.011 min
Lab File: BP019668.D
Acq: 12 Feb 2024 18:10

Tgt Ion:154 Resp: 506874
Ion Ratio Lower Upper
154 100
153 113.9 90.5 135.7
152 52.0 42.1 63.1

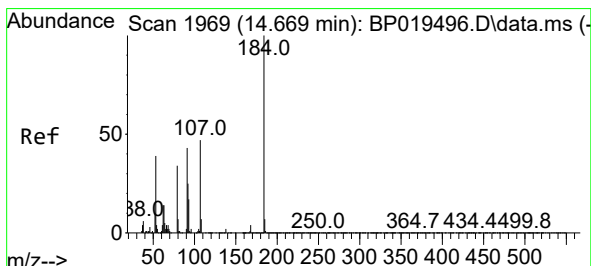
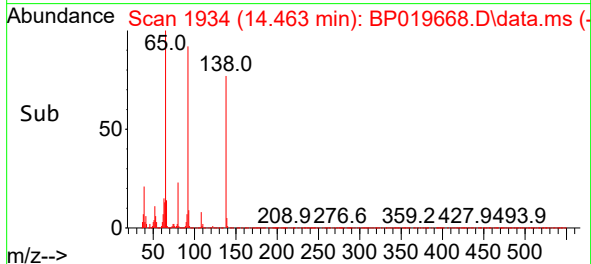
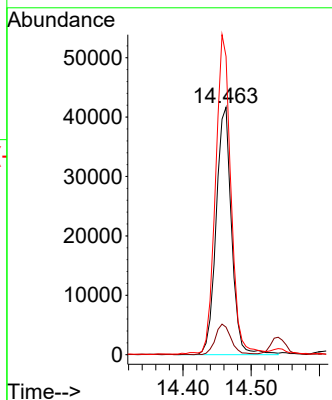
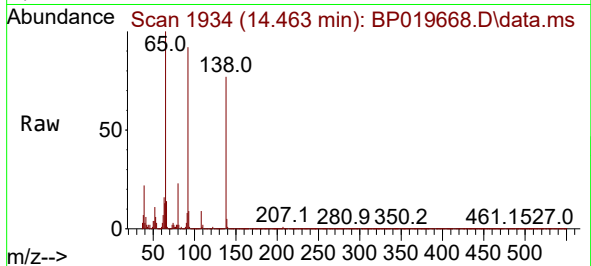




#53
3-Nitroaniline
Concen: 23.593 ng
RT: 14.463 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BP019668.D
Acq: 12 Feb 2024 18:10

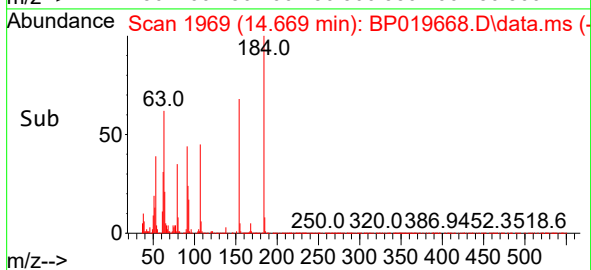
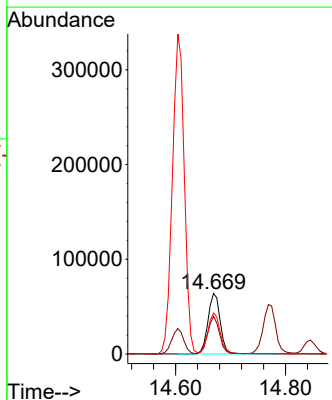
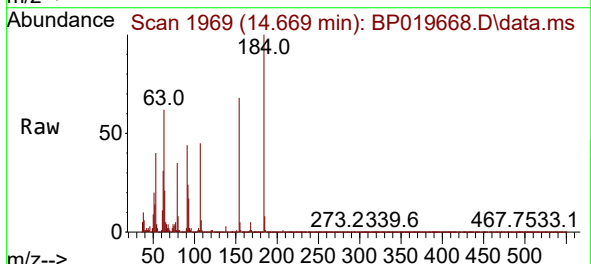
Instrument :
BNA_P
ClientSampleId :
TP-1MS

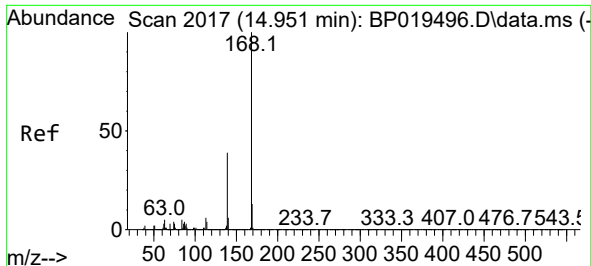
Tgt Ion:138 Resp: 65602
Ion Ratio Lower Upper
138 100
108 11.1 9.7 14.5
92 120.6 98.0 147.0



#54
2,4-Dinitrophenol
Concen: 62.763 ng
RT: 14.669 min Scan# 1969
Delta R.T. -0.000 min
Lab File: BP019668.D
Acq: 12 Feb 2024 18:10

Tgt Ion:184 Resp: 98597
Ion Ratio Lower Upper
184 100
63 62.4 50.5 75.7
154 67.9 53.4 80.0

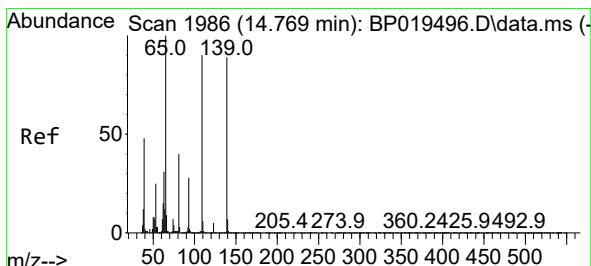
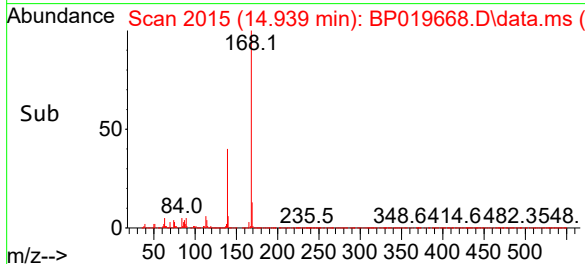
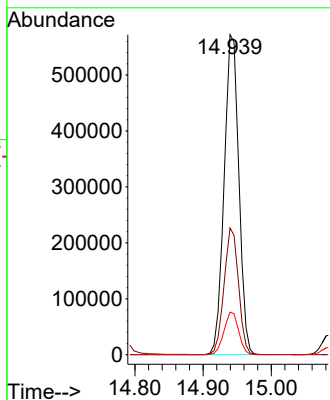
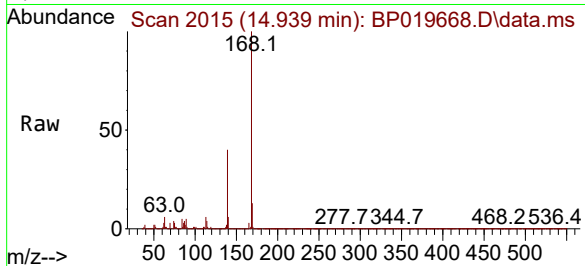




#55
Dibenzenofuran
Concen: 51.406 ng
RT: 14.939 min Scan# 2015
Delta R.T. -0.011 min
Lab File: BP019668.D
Acq: 12 Feb 2024 18:10

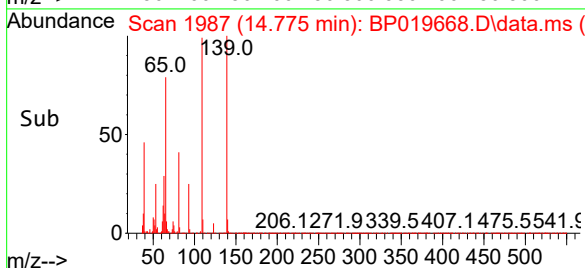
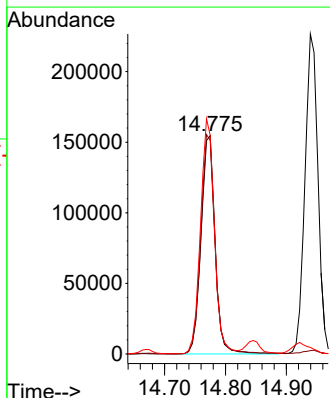
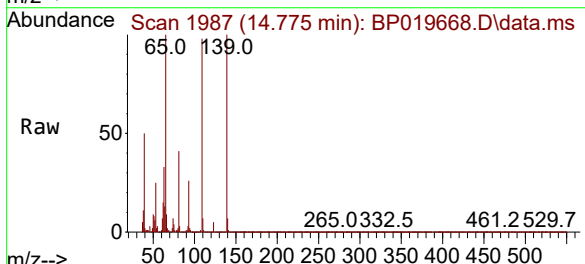
Instrument :
BNA_P
ClientSampleId :
TP-1MS

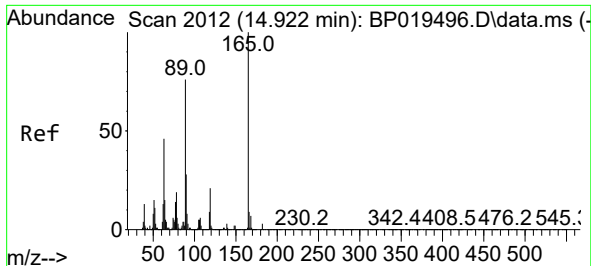
Tgt Ion:168 Resp: 859256
Ion Ratio Lower Upper
168 100
139 39.6 31.5 47.3
169 13.3 10.3 15.5



#56
4-Nitrophenol
Concen: 108.574 ng
RT: 14.775 min Scan# 1987
Delta R.T. 0.006 min
Lab File: BP019668.D
Acq: 12 Feb 2024 18:10

Tgt Ion:139 Resp: 247447
Ion Ratio Lower Upper
139 100
109 97.9 82.0 122.0
65 100.2 92.9 132.9





#57

2,4-Dinitrotoluene

Concen: 54.735 ng

RT: 14.922 min Scan# 2012

Delta R.T. 0.000 min

Lab File: BP019668.D

Acq: 12 Feb 2024 18:10

Instrument :

BNA_P

ClientSampleId :

TP-1MS

Tgt Ion:165 Resp: 217022

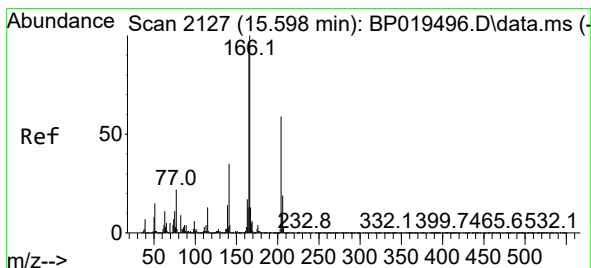
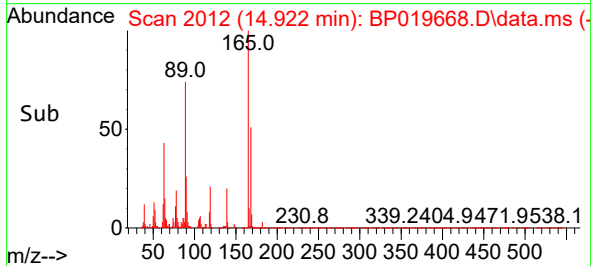
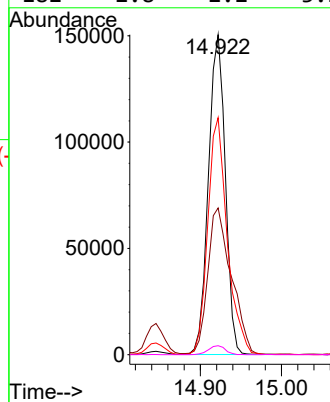
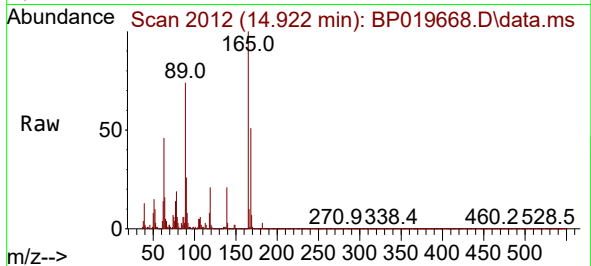
Ion Ratio Lower Upper

165 100

63 45.9 36.9 55.3

89 74.0 61.1 91.7

182 2.8 2.2 3.2



#58

Fluorene

Concen: 51.831 ng

RT: 15.592 min Scan# 2126

Delta R.T. -0.006 min

Lab File: BP019668.D

Acq: 12 Feb 2024 18:10

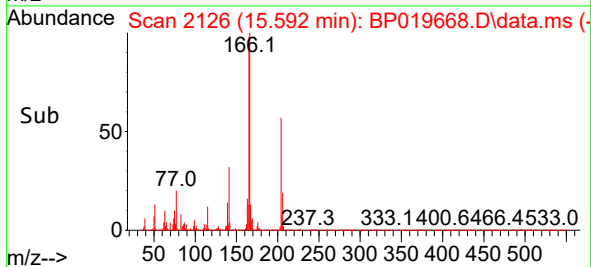
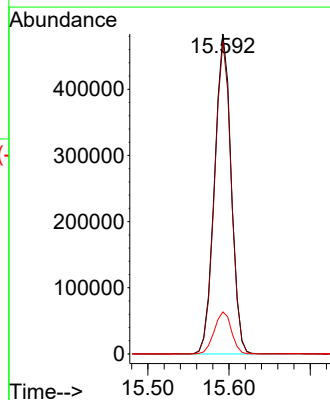
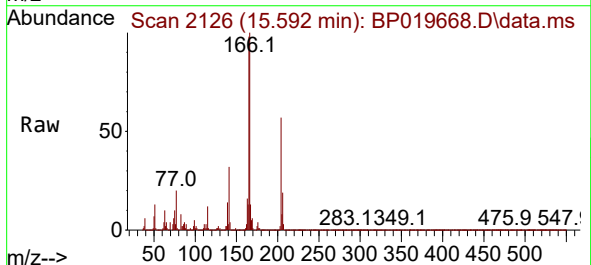
Tgt Ion:166 Resp: 690025

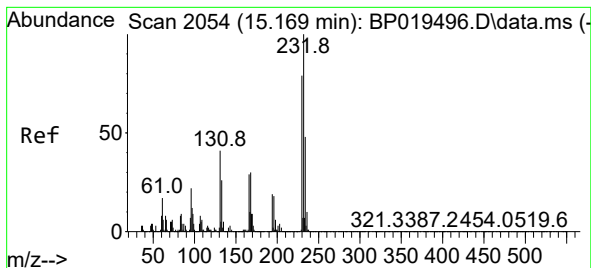
Ion Ratio Lower Upper

166 100

165 97.6 77.8 116.8

167 13.2 10.7 16.1

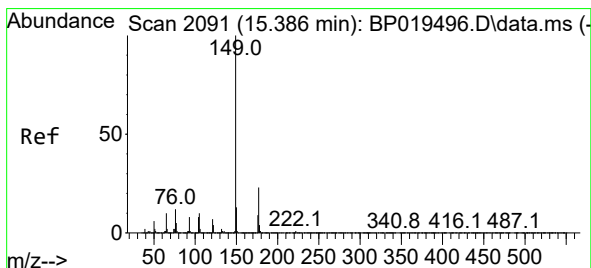
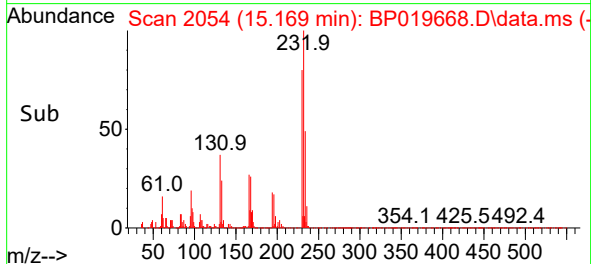
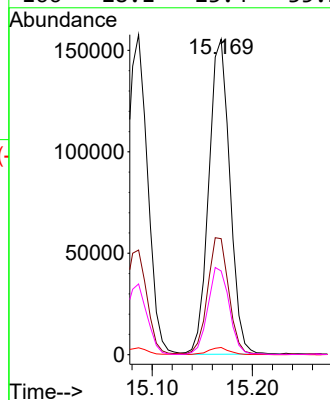
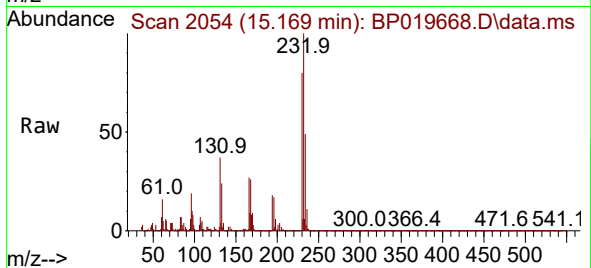




#59
2,3,4,6-Tetrachlorophenol
Concen: 58.440 ng
RT: 15.169 min Scan# 2054
Delta R.T. 0.000 min
Lab File: BP019668.D
Acq: 12 Feb 2024 18:10

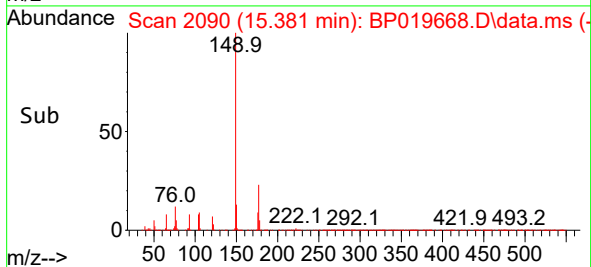
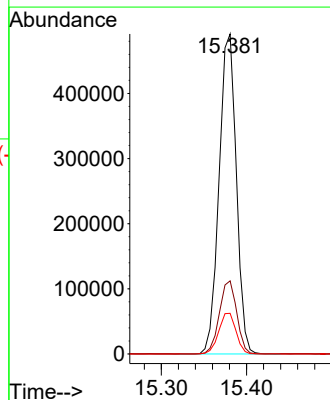
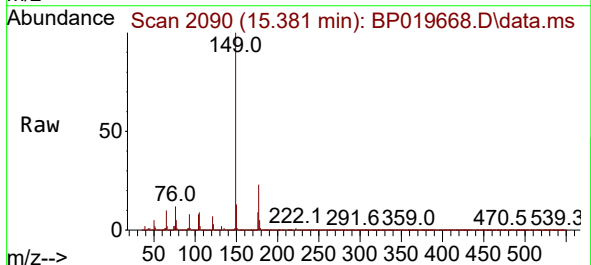
Instrument :
BNA_P
ClientSampleId :
TP-1MS

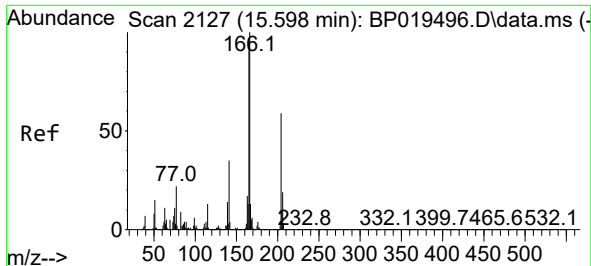
Tgt Ion:232 Resp: 226757
Ion Ratio Lower Upper
232 100
131 37.3 32.4 48.6
130 2.2 1.9 2.9
166 28.1 23.4 35.2



#60
Diethylphthalate
Concen: 50.270 ng
RT: 15.381 min Scan# 2090
Delta R.T. -0.006 min
Lab File: BP019668.D
Acq: 12 Feb 2024 18:10

Tgt Ion:149 Resp: 688587
Ion Ratio Lower Upper
149 100
177 22.9 18.2 27.2
150 12.7 10.2 15.4

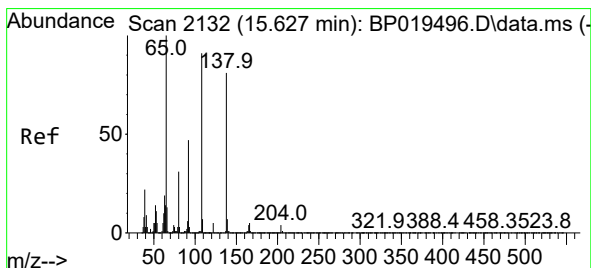
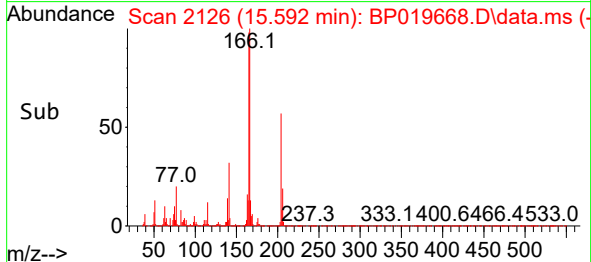
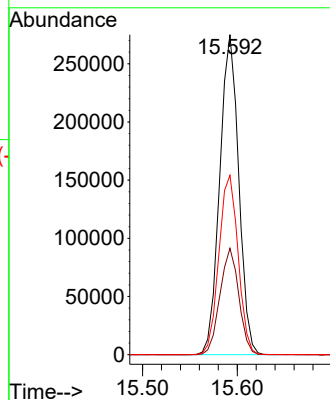
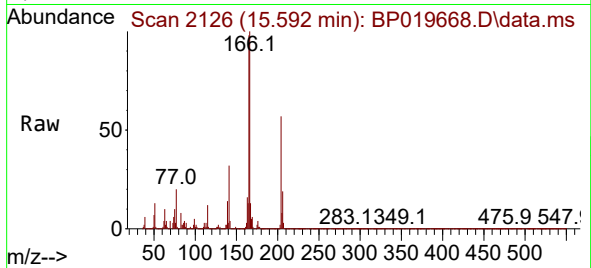




#61
4-Chlorophenyl-phenylether
Concen: 51.292 ng
RT: 15.592 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BP019668.D
Acq: 12 Feb 2024 18:10

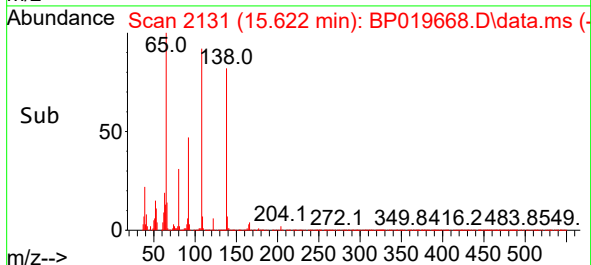
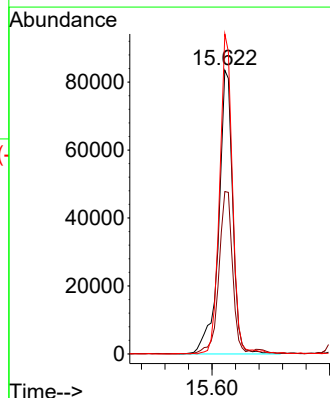
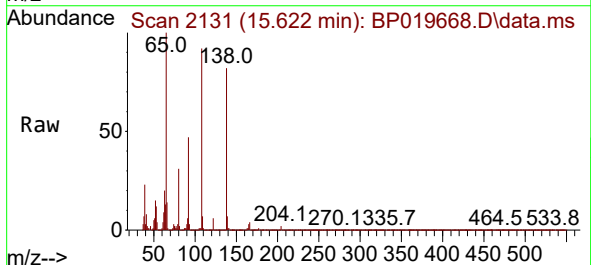
Instrument :
BNA_P
ClientSampleId :
TP-1MS

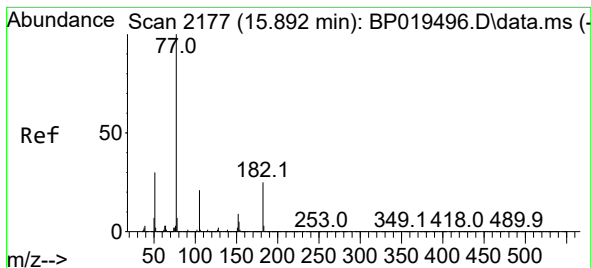
Tgt Ion:204 Resp: 383802
Ion Ratio Lower Upper
204 100
206 33.2 26.5 39.7
141 56.1 48.5 72.7



#62
4-Nitroaniline
Concen: 47.345 ng
RT: 15.622 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP019668.D
Acq: 12 Feb 2024 18:10

Tgt Ion:138 Resp: 137989
Ion Ratio Lower Upper
138 100
92 57.3 38.3 78.3
108 112.8 91.2 131.2





#63

Azobenzene

Concen: 49.659 ng

RT: 15.887 min Scan# 2177

Delta R.T. -0.006 min

Lab File: BP019668.D

Acq: 12 Feb 2024 18:10

Instrument :

BNA_P

ClientSampleId :

TP-1MS

Tgt Ion: 77 Resp: 657766

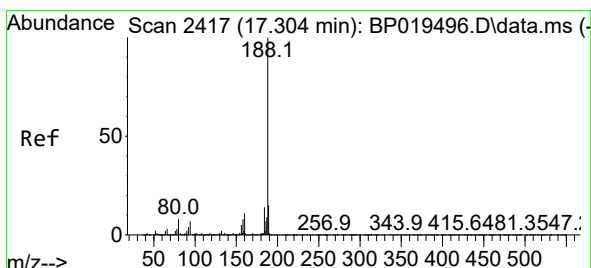
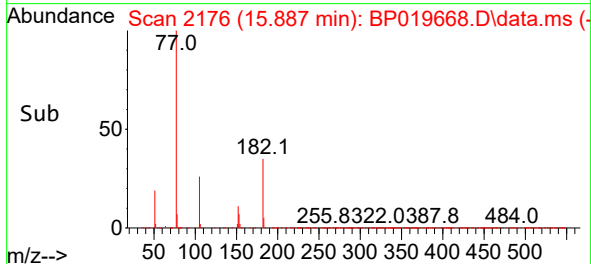
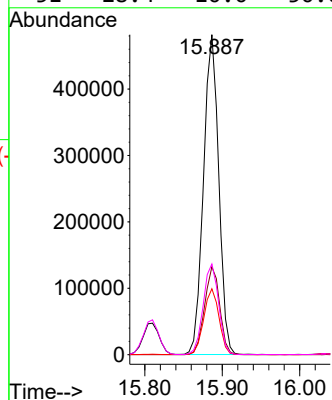
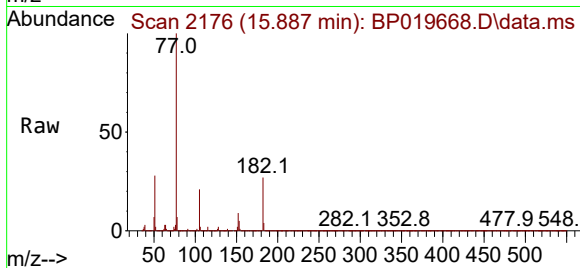
Ion Ratio Lower Upper

77 100

182 27.5 5.1 45.1

105 20.6 0.8 40.8

51 28.4 10.0 50.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.298 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BP019668.D

Acq: 12 Feb 2024 18:10

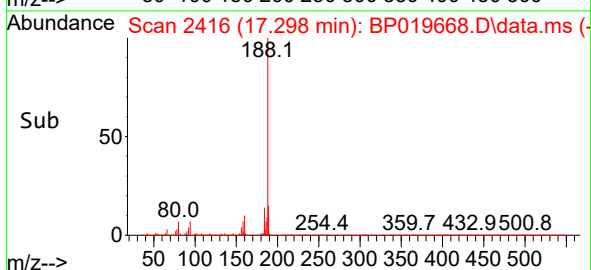
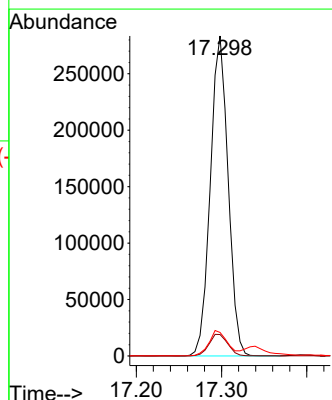
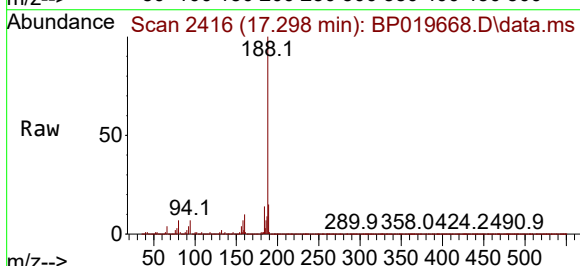
Tgt Ion: 188 Resp: 410635

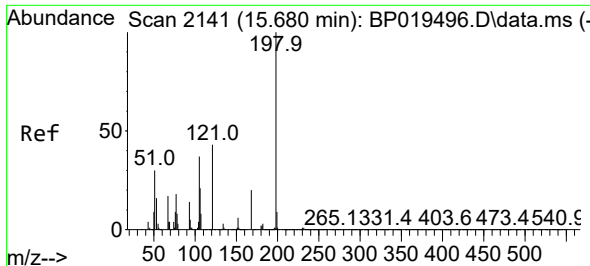
Ion Ratio Lower Upper

188 100

94 6.7 5.4 8.2

80 7.3 6.3 9.5

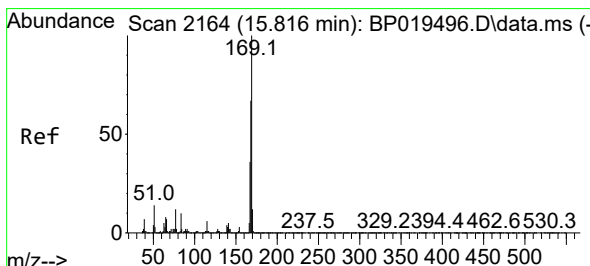
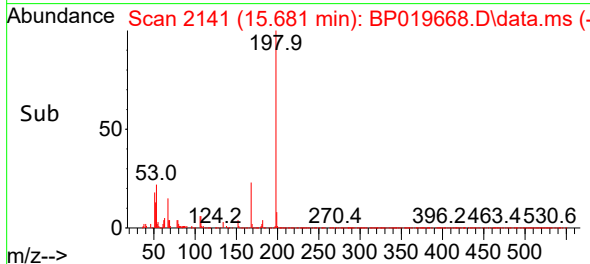
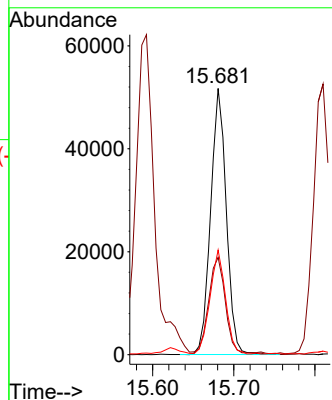
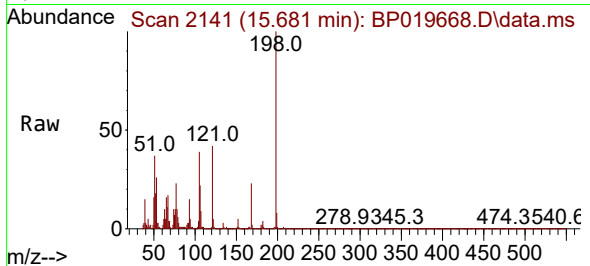




#65
4,6-Dinitro-2-methylphenol
Concen: 29.630 ng
RT: 15.681 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BP019668.D
Acq: 12 Feb 2024 18:10

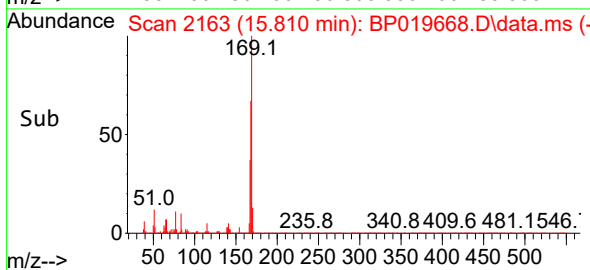
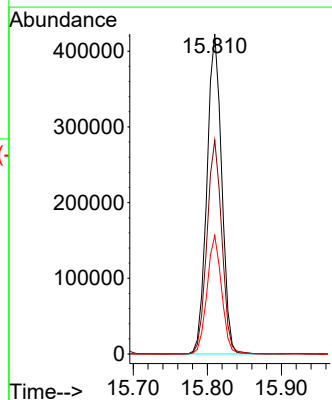
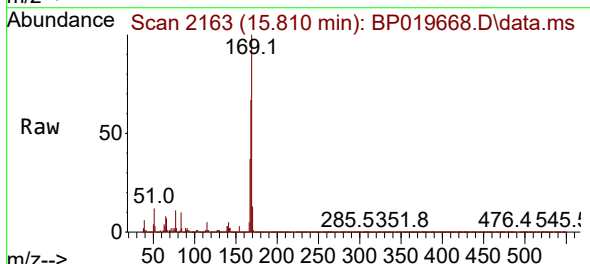
Instrument :
BNA_P
ClientSampleId :
TP-1MS

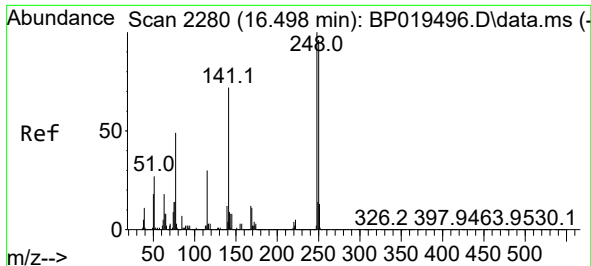
Tgt Ion:198 Resp: 69377
Ion Ratio Lower Upper
198 100
51 36.5 21.2 61.2
105 39.3 19.1 59.1



#66
n-Nitrosodiphenylamine
Concen: 47.529 ng
RT: 15.810 min Scan# 2163
Delta R.T. -0.006 min
Lab File: BP019668.D
Acq: 12 Feb 2024 18:10

Tgt Ion:169 Resp: 584517
Ion Ratio Lower Upper
169 100
168 66.8 53.4 80.2
167 37.0 28.9 43.3

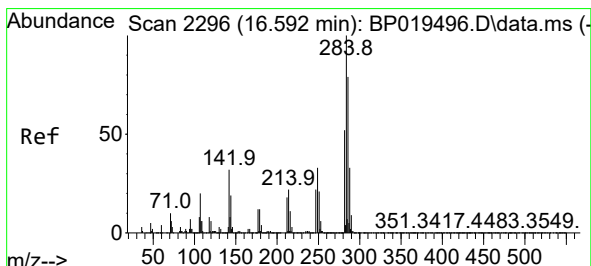
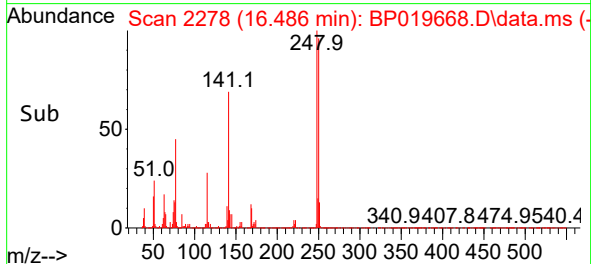
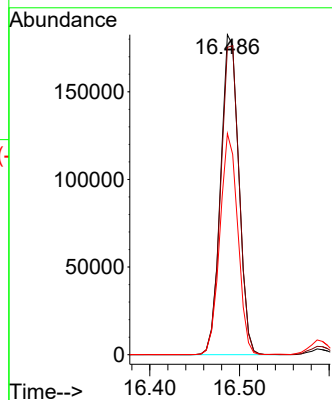
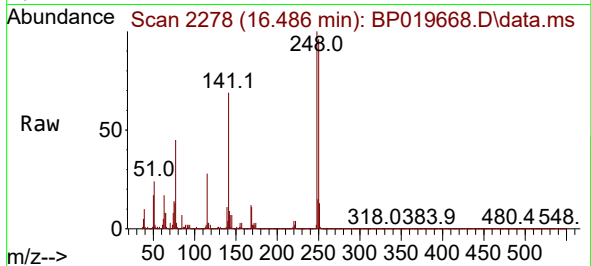




#67
4-Bromophenyl-phenylether
Concen: 49.946 ng
RT: 16.486 min Scan# 21
Delta R.T. -0.011 min
Lab File: BP019668.D
Acq: 12 Feb 2024 18:10

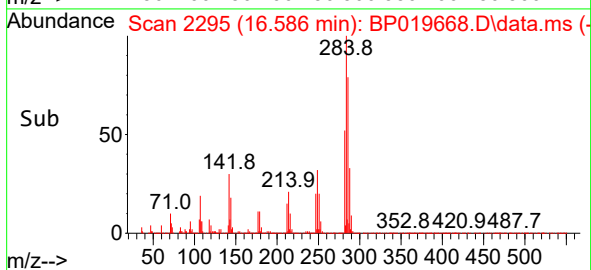
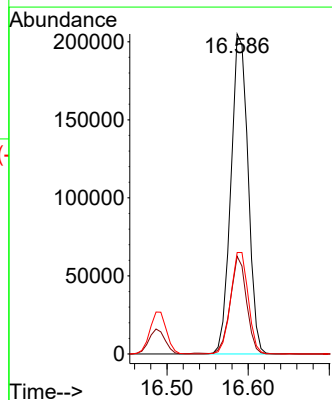
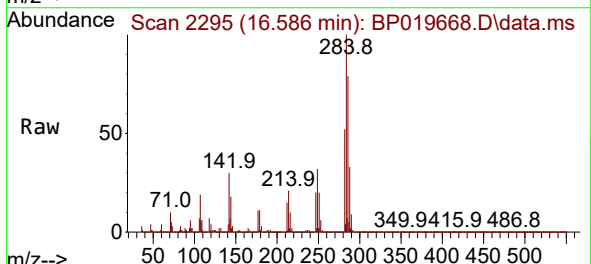
Instrument :
BNA_P
ClientSampleId :
TP-IMS

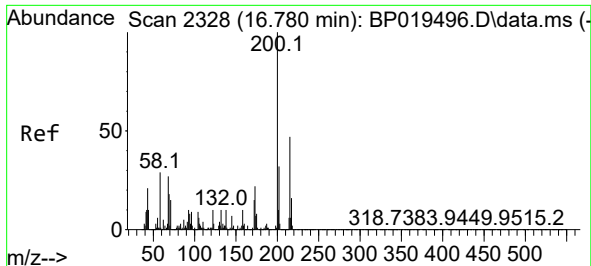
Tgt Ion:248 Resp: 256393
Ion Ratio Lower Upper
248 100
250 96.0 76.9 115.3
141 69.1 58.0 87.0



#68
Hexachlorobenzene
Concen: 50.021 ng
RT: 16.586 min Scan# 2295
Delta R.T. -0.006 min
Lab File: BP019668.D
Acq: 12 Feb 2024 18:10

Tgt Ion:284 Resp: 299862
Ion Ratio Lower Upper
284 100
142 30.5 25.4 38.2
249 31.7 26.5 39.7

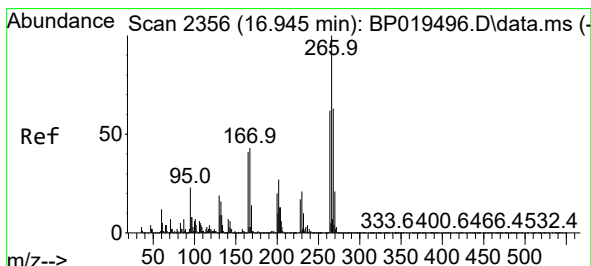
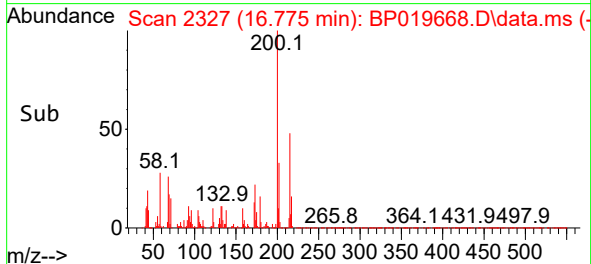
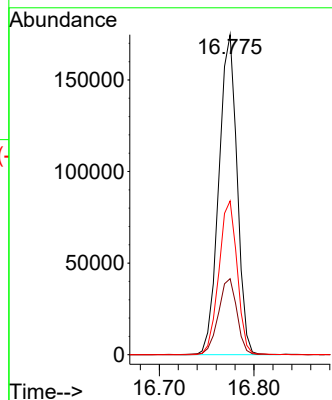
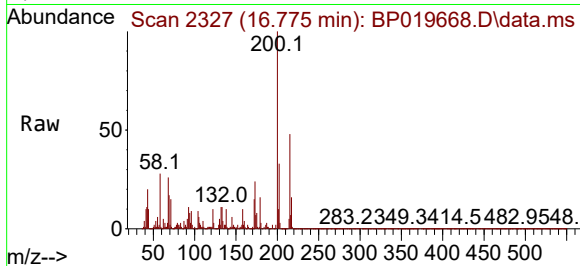




#69
Atrazine
Concen: 57.251 ng
RT: 16.775 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019668.D
Acq: 12 Feb 2024 18:10

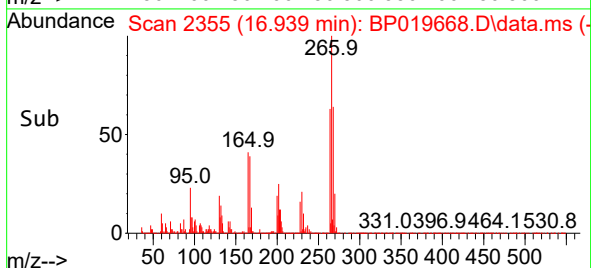
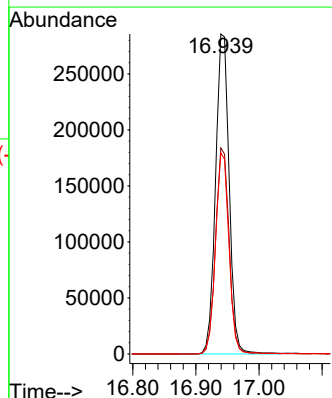
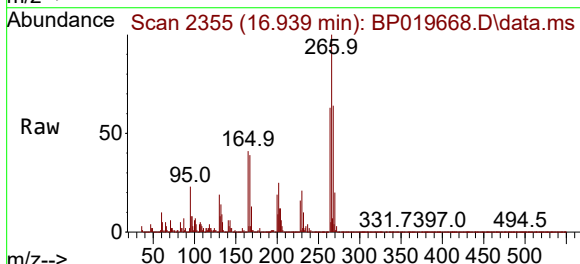
Instrument :
BNA_P
ClientSampleId :
TP-1MS

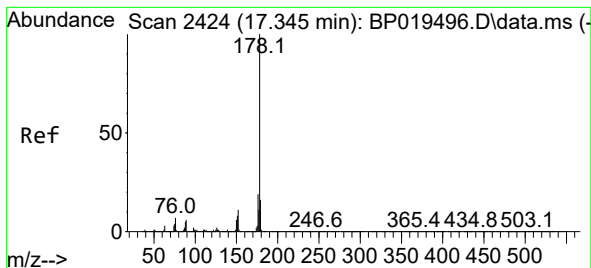
Tgt Ion:200 Resp: 233636
Ion Ratio Lower Upper
200 100
173 23.8 1.7 41.7
215 48.1 26.9 66.9



#70
Pentachlorophenol
Concen: 114.398 ng
RT: 16.939 min Scan# 2355
Delta R.T. -0.006 min
Lab File: BP019668.D
Acq: 12 Feb 2024 18:10

Tgt Ion:266 Resp: 427065
Ion Ratio Lower Upper
266 100
268 64.4 50.3 75.5
264 62.9 49.7 74.5





#71

Phenanthrene

Concen: 52.003 ng

RT: 17.339 min Scan# 2424

Delta R.T. -0.006 min

Lab File: BP019668.D

Acq: 12 Feb 2024 18:10

Instrument :

BNA_P

ClientSampleId :

TP-1MS

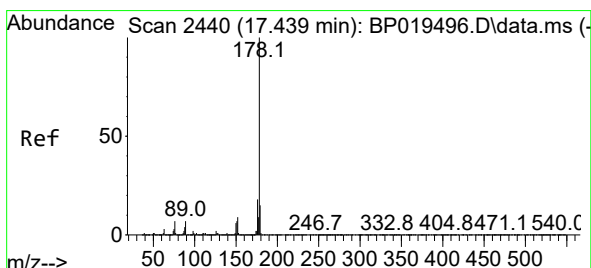
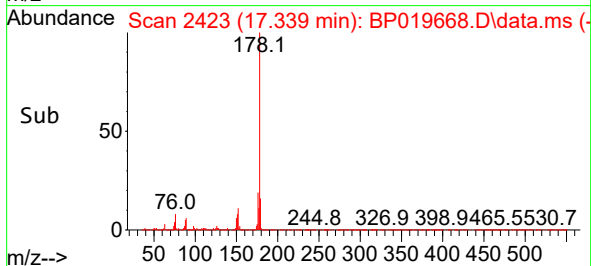
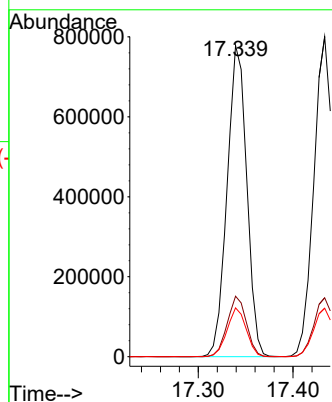
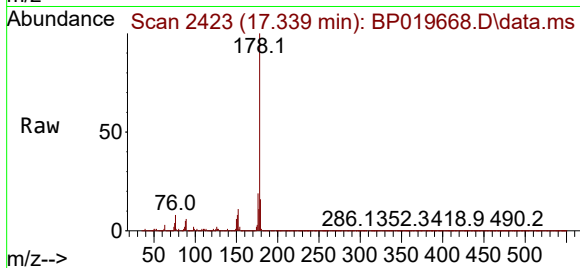
Tgt Ion:178 Resp: 1123814

Ion Ratio Lower Upper

178 100

176 19.5 15.5 23.3

179 15.7 12.6 19.0



#72

Anthracene

Concen: 53.308 ng

RT: 17.433 min Scan# 2439

Delta R.T. -0.006 min

Lab File: BP019668.D

Acq: 12 Feb 2024 18:10

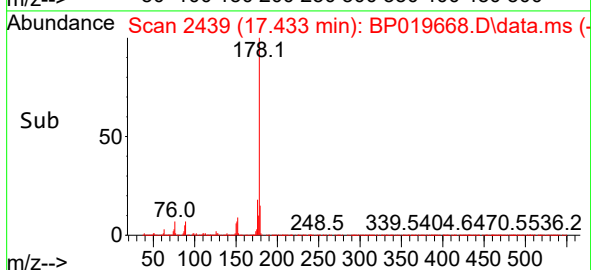
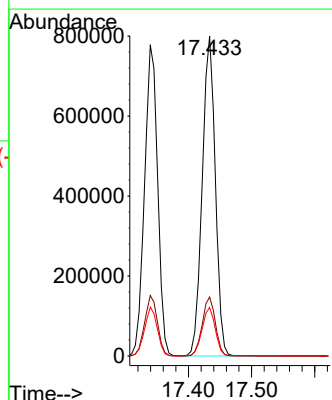
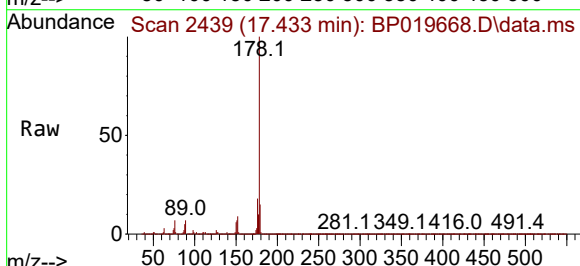
Tgt Ion:178 Resp: 1149202

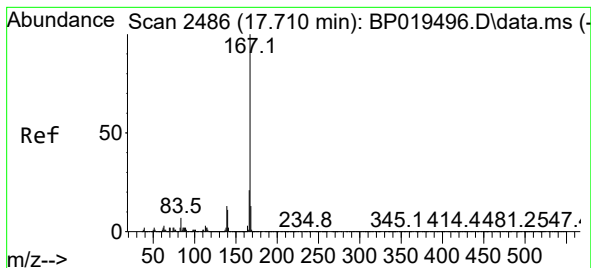
Ion Ratio Lower Upper

178 100

176 18.4 14.7 22.1

179 15.1 12.2 18.2





#73

Carbazole

Concen: 52.583 ng

RT: 17.710 min Scan# 2486

Delta R.T. 0.000 min

Lab File: BP019668.D

Acq: 12 Feb 2024 18:10

Instrument :

BNA_P

ClientSampleId :

TP-1MS

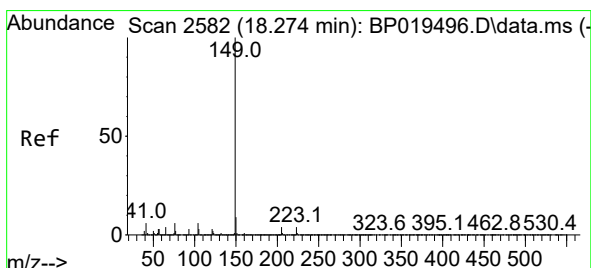
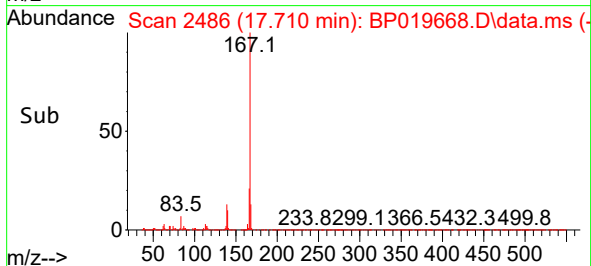
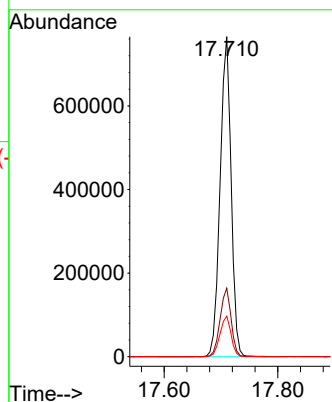
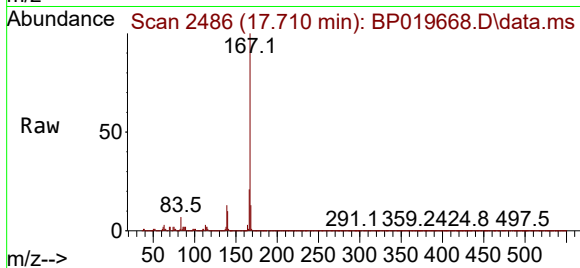
Tgt Ion:167 Resp: 1029780

Ion Ratio Lower Upper

167 100

166 21.4 17.2 25.8

139 12.7 10.6 15.8



#74

Di-n-butylphthalate

Concen: 49.026 ng

RT: 18.269 min Scan# 2581

Delta R.T. -0.006 min

Lab File: BP019668.D

Acq: 12 Feb 2024 18:10

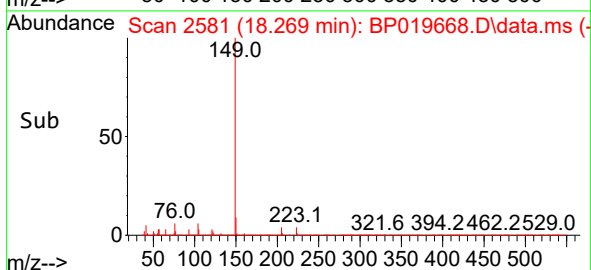
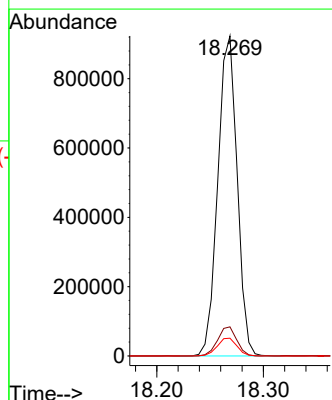
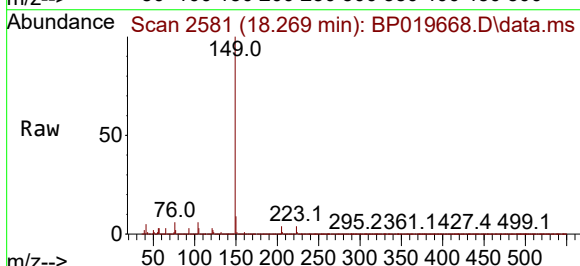
Tgt Ion:149 Resp: 1160913

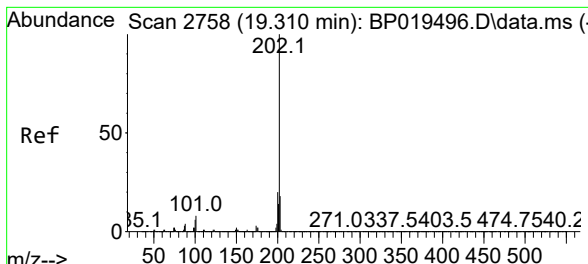
Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

104 5.5 4.8 7.2



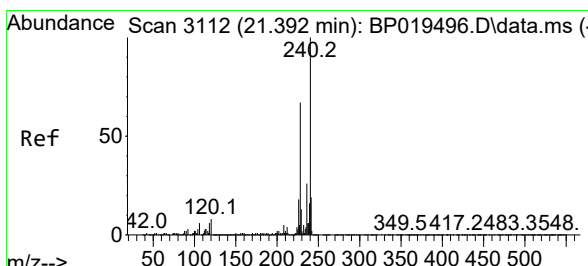
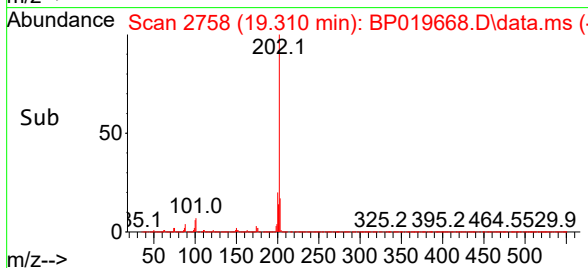
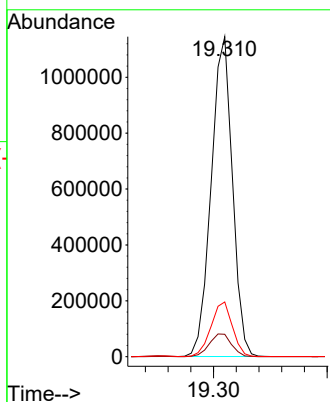
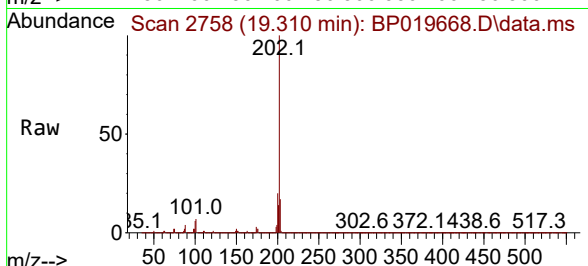


#75
 Fluoranthene
 Concen: 56.243 ng
 RT: 19.310 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP019668.D
 Acq: 12 Feb 2024 18:10

Instrument :
 BNA_P
 ClientSampleId :
 TP-1MS

Tgt Ion:202 Resp: 1484771

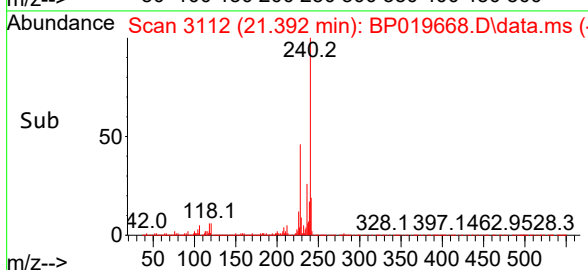
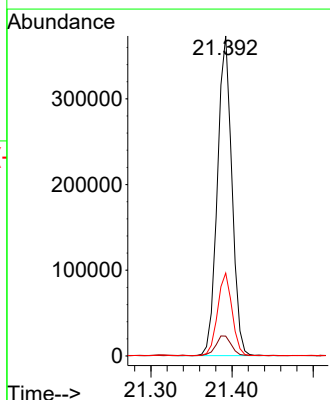
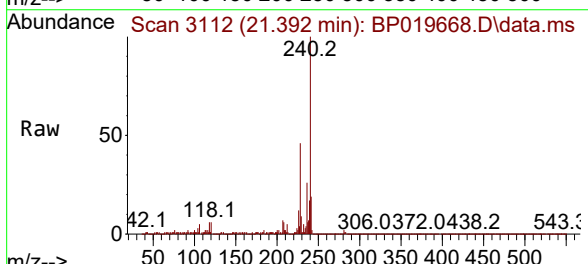
Ion	Ratio	Lower	Upper
202	100		
101	7.0	0.0	27.7
203	17.1	0.0	37.5

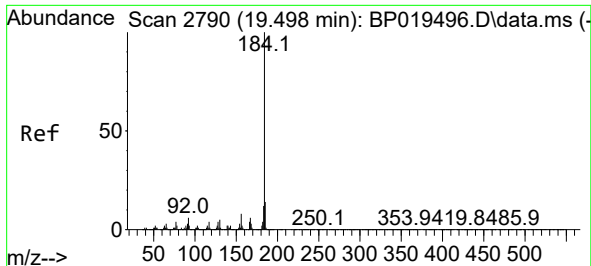


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.392 min Scan# 3112
 Delta R.T. 0.000 min
 Lab File: BP019668.D
 Acq: 12 Feb 2024 18:10

Tgt Ion:240 Resp: 462988

Ion	Ratio	Lower	Upper
240	100		
120	6.2	6.1	9.1
236	25.9	20.7	31.1

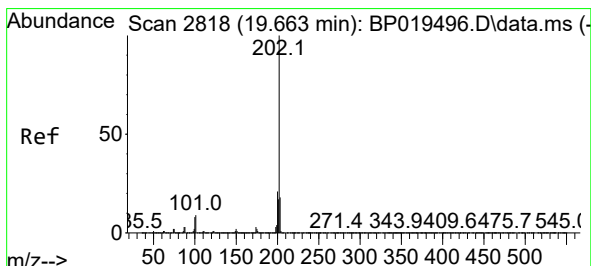
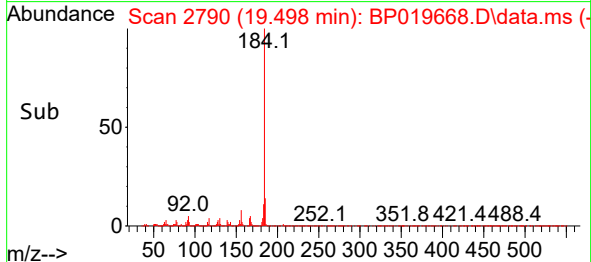
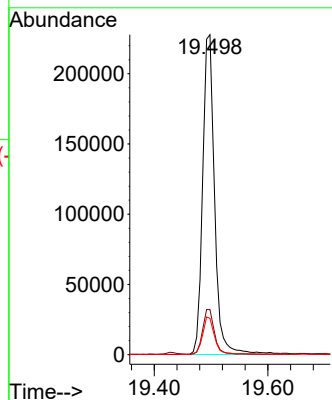
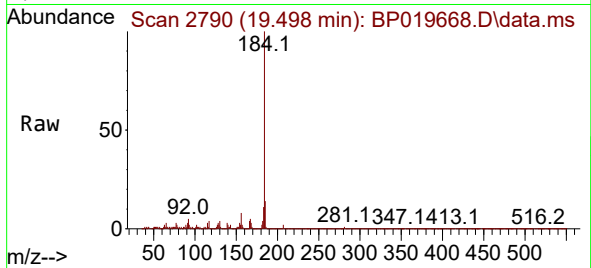




#77
Benzidine
Concen: 34.401 ng
RT: 19.498 min Scan# 2790
Delta R.T. 0.000 min
Lab File: BP019668.D
Acq: 12 Feb 2024 18:10

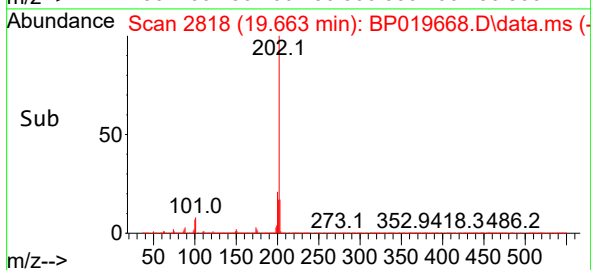
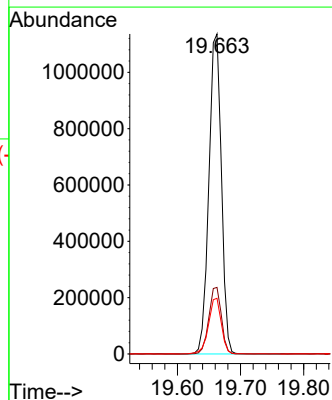
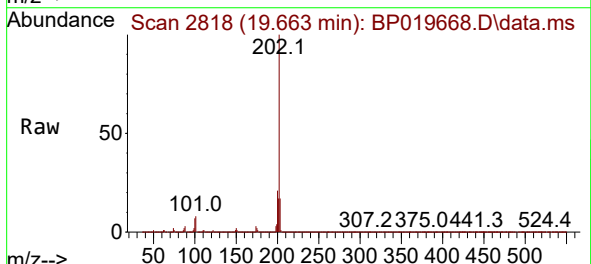
Instrument :
BNA_P
ClientSampleId :
TP-1MS

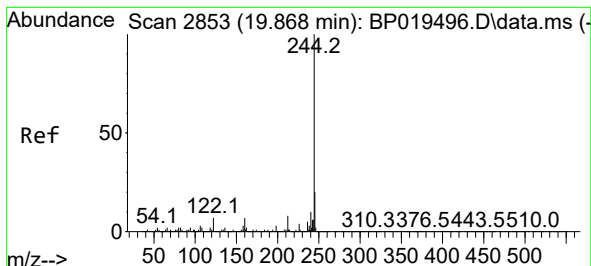
Tgt Ion:184 Resp: 332988
Ion Ratio Lower Upper
184 100
185 14.1 11.1 16.7
183 11.3 9.7 14.5



#78
Pyrene
Concen: 47.832 ng
RT: 19.663 min Scan# 2818
Delta R.T. 0.000 min
Lab File: BP019668.D
Acq: 12 Feb 2024 18:10

Tgt Ion:202 Resp: 1562954
Ion Ratio Lower Upper
202 100
200 20.8 16.9 25.3
203 17.4 14.2 21.2





#79

Terphenyl-d14

Concen: 89.190 ng

RT: 19.863 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019668.D

Acq: 12 Feb 2024 18:10

Instrument :

BNA_P

ClientSampleId :

TP-1MS

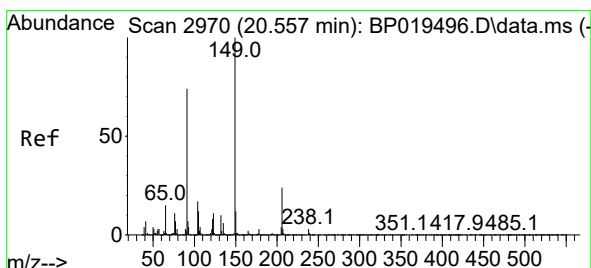
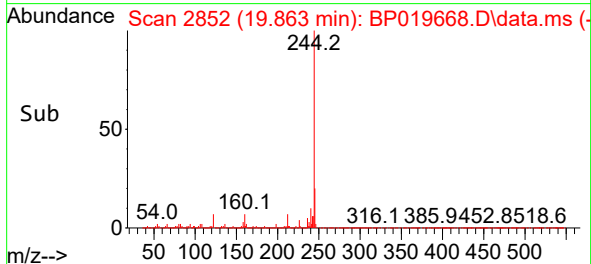
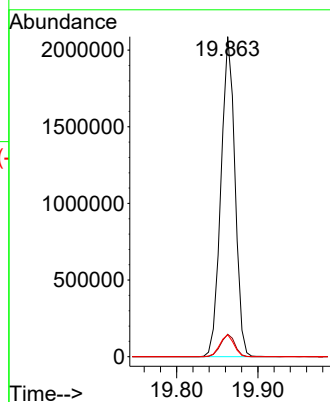
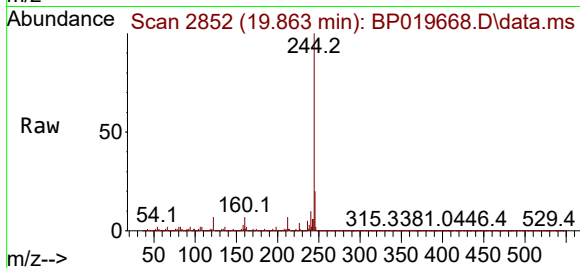
Tgt Ion:244 Resp: 2510960

Ion Ratio Lower Upper

244 100

212 7.0 6.1 9.1

122 6.8 5.9 8.9



#80

Butylbenzylphthalate

Concen: 47.101 ng

RT: 20.551 min Scan# 2969

Delta R.T. -0.006 min

Lab File: BP019668.D

Acq: 12 Feb 2024 18:10

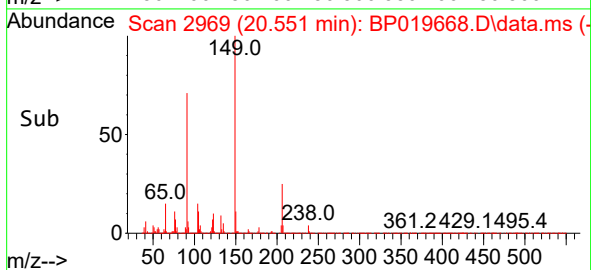
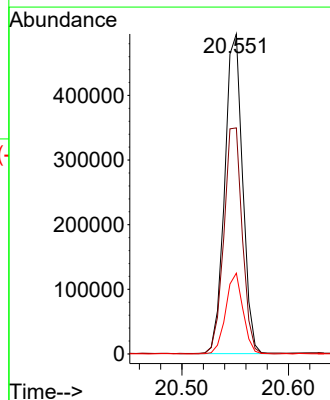
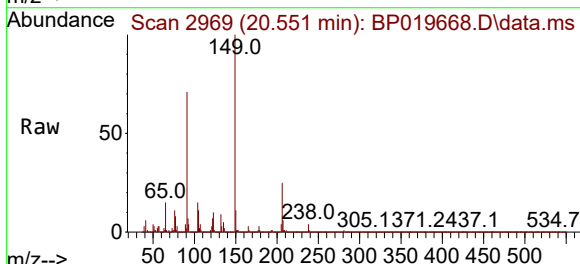
Tgt Ion:149 Resp: 574749

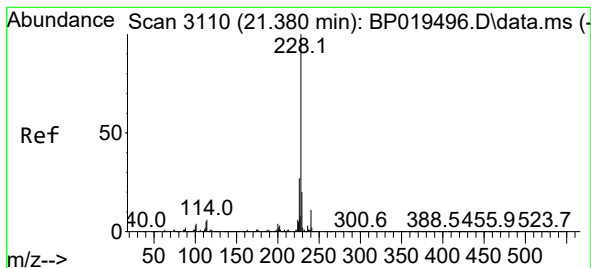
Ion Ratio Lower Upper

149 100

91 70.7 59.4 89.0

206 25.3 19.0 28.6





#81

Benzo(a)anthracene

Concen: 52.649 ng

RT: 21.374 min Scan# 3110

Delta R.T. -0.006 min

Lab File: BP019668.D

Acq: 12 Feb 2024 18:10

Instrument :

BNA_P

ClientSampleId :

TP-1MS

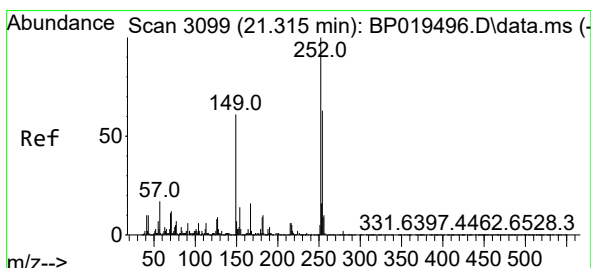
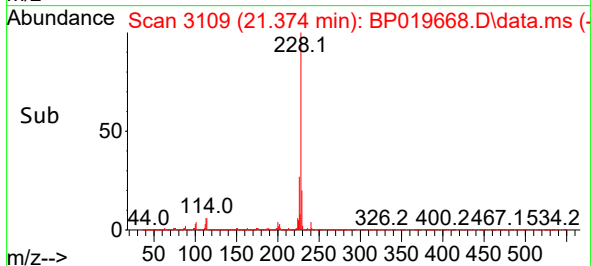
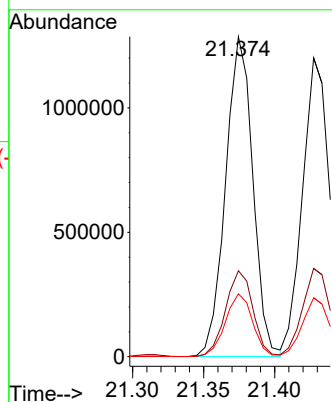
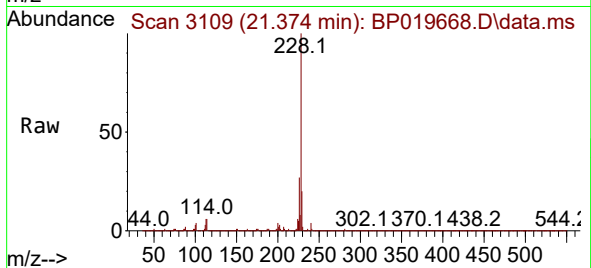
Tgt Ion:228 Resp: 1715878

Ion Ratio Lower Upper

228 100

226 26.9 21.7 32.5

229 19.6 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 46.607 ng

RT: 21.310 min Scan# 3098

Delta R.T. -0.006 min

Lab File: BP019668.D

Acq: 12 Feb 2024 18:10

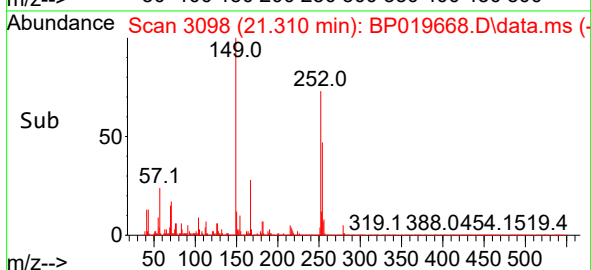
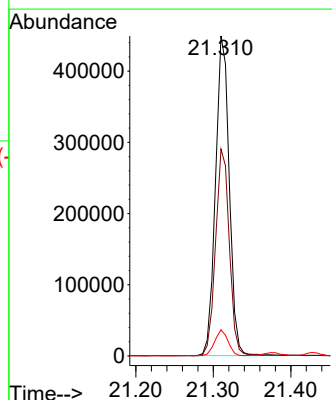
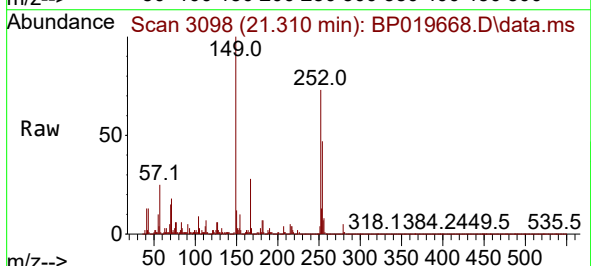
Tgt Ion:252 Resp: 553515

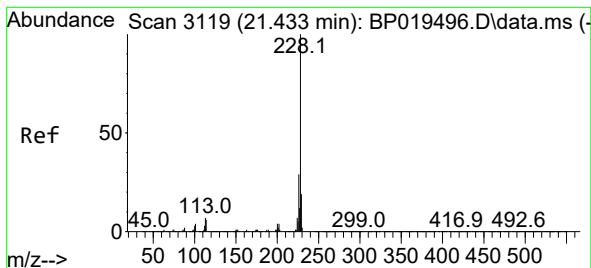
Ion Ratio Lower Upper

252 100

254 64.6 50.7 76.1

126 8.2 6.4 9.6





#83

Chrysene

Concen: 50.877 ng

RT: 21.427 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BP019668.D

Acq: 12 Feb 2024 18:10

Instrument :

BNA_P

ClientSampleId :

TP-1MS

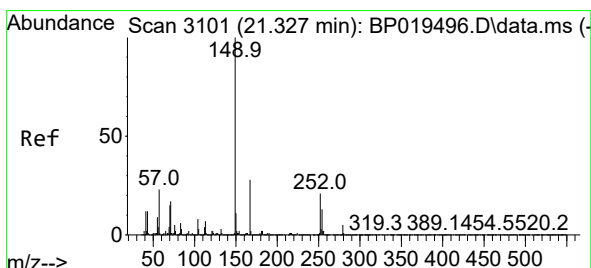
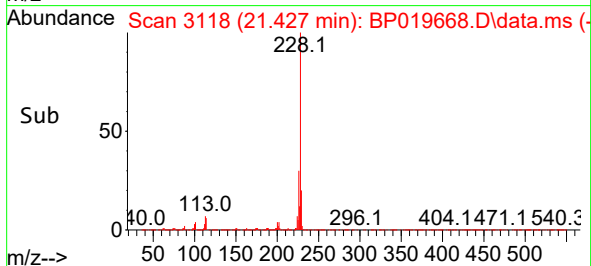
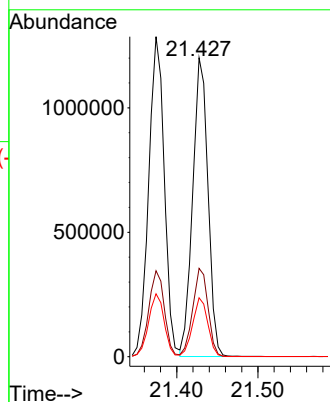
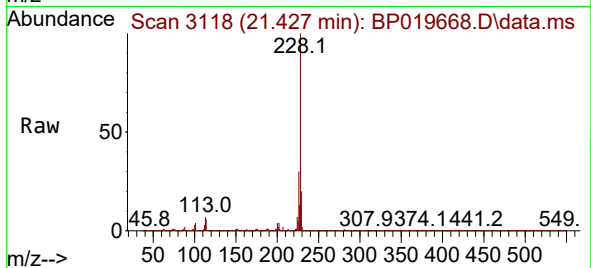
Tgt Ion:228 Resp: 1574254

Ion Ratio Lower Upper

228 100

226 29.5 23.4 35.2

229 19.7 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.534 ng

RT: 21.316 min Scan# 3099

Delta R.T. -0.011 min

Lab File: BP019668.D

Acq: 12 Feb 2024 18:10

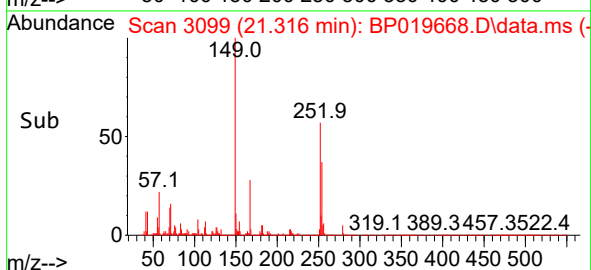
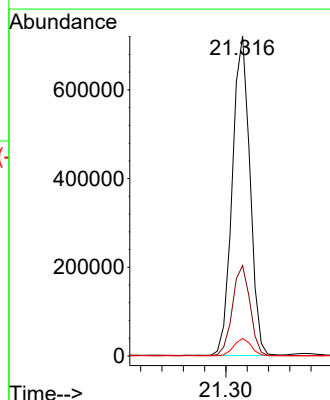
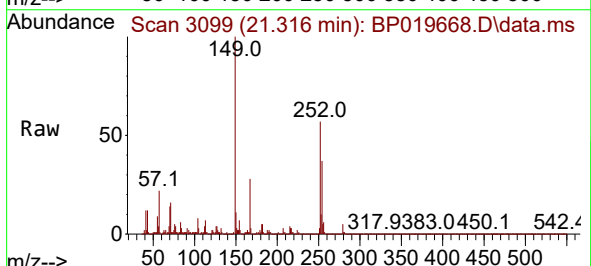
Tgt Ion:149 Resp: 827513

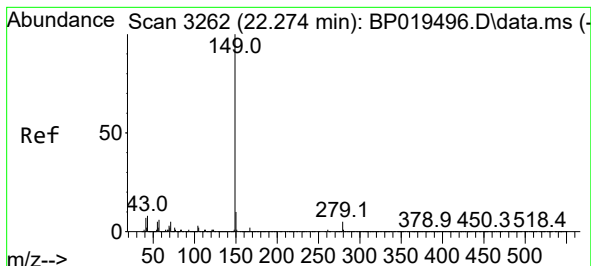
Ion Ratio Lower Upper

149 100

167 28.2 22.7 34.1

279 5.4 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 46.315 ng

RT: 22.257 min Scan# 31

Delta R.T. -0.017 min

Lab File: BP019668.D

Acq: 12 Feb 2024 18:10

Instrument :

BNA_P

ClientSampleId :

TP-IMS

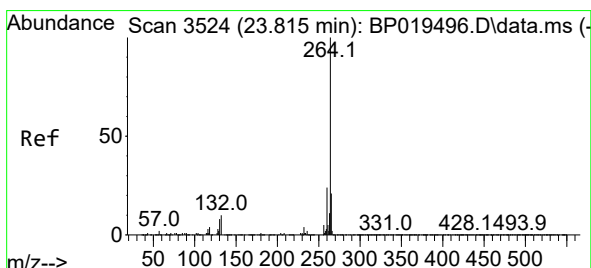
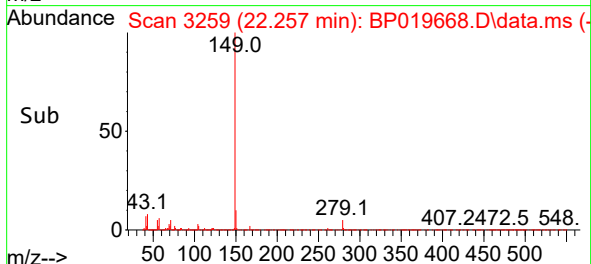
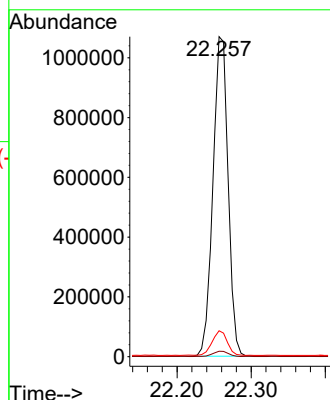
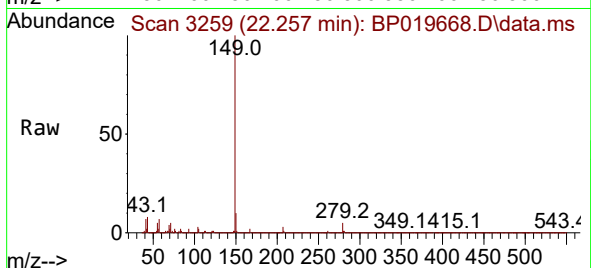
Tgt Ion:149 Resp: 1514169

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.7 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.810 min Scan# 3523

Delta R.T. -0.006 min

Lab File: BP019668.D

Acq: 12 Feb 2024 18:10

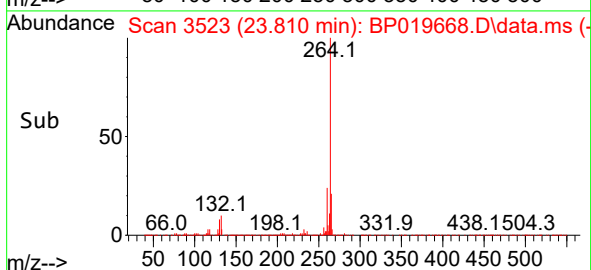
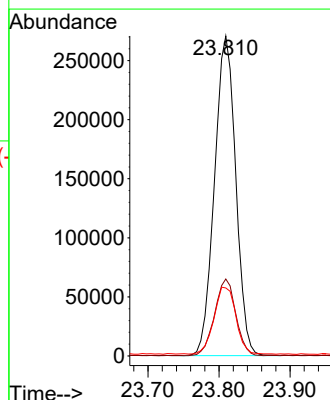
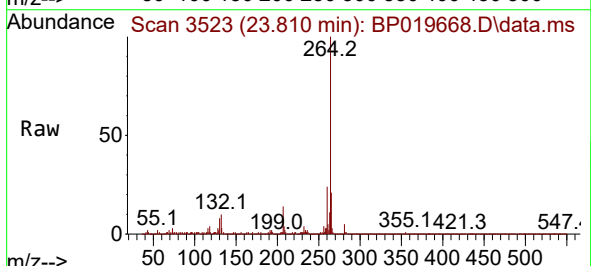
Tgt Ion:264 Resp: 561488

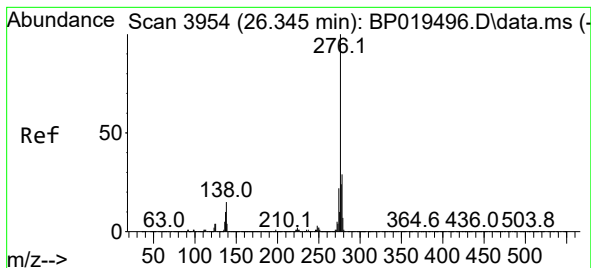
Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.3 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.670 ng

RT: 26.351 min Scan# 3955

Delta R.T. 0.006 min

Lab File: BP019668.D

Acq: 12 Feb 2024 18:10

Instrument :

BNA_P

ClientSampleId :

TP-IMS

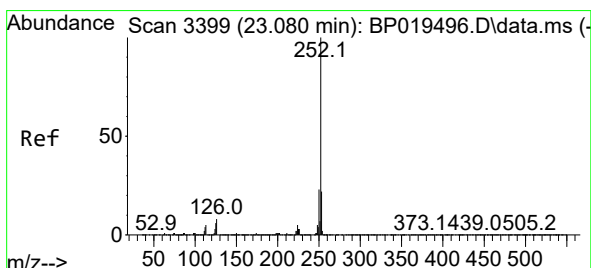
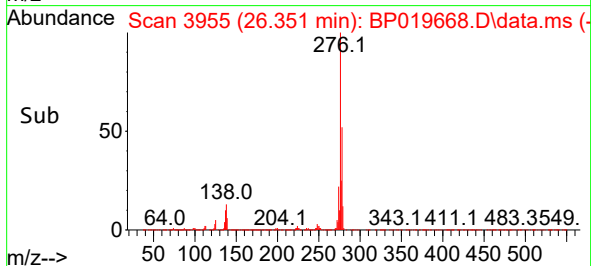
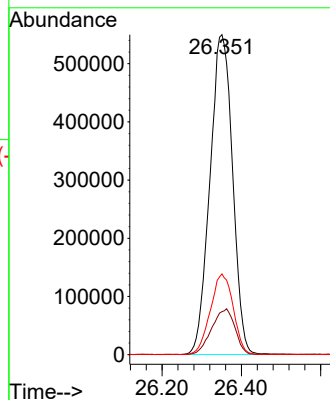
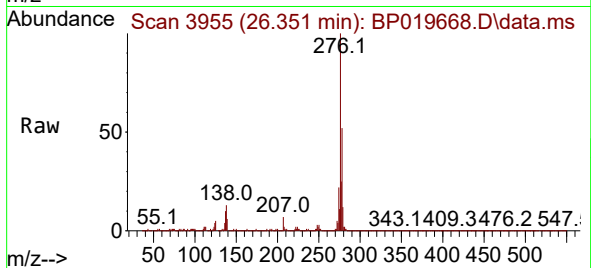
Tgt Ion:276 Resp: 2177792

Ion Ratio Lower Upper

276 100

138 14.7 13.1 19.7

277 25.4 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 50.646 ng

RT: 23.074 min Scan# 3398

Delta R.T. -0.006 min

Lab File: BP019668.D

Acq: 12 Feb 2024 18:10

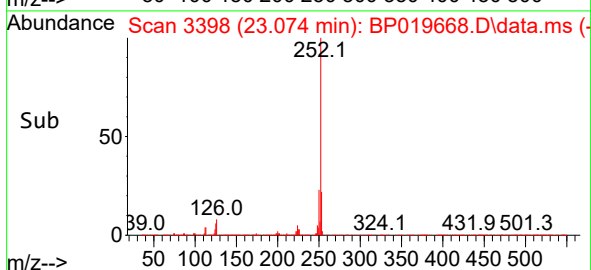
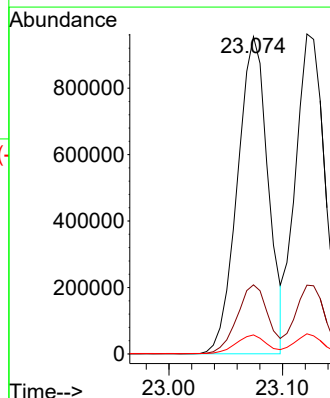
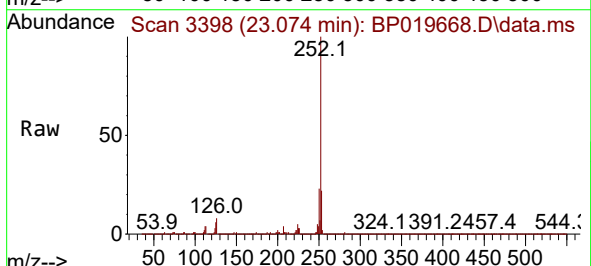
Tgt Ion:252 Resp: 1792259

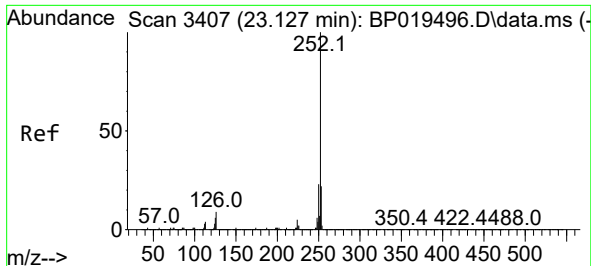
Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 6.0 4.9 7.3

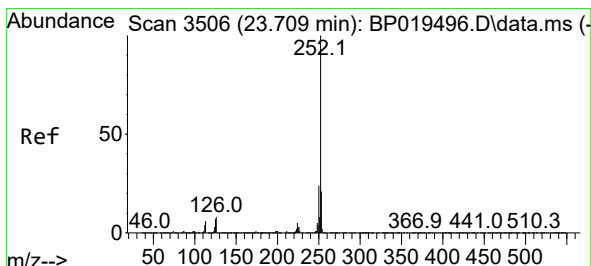
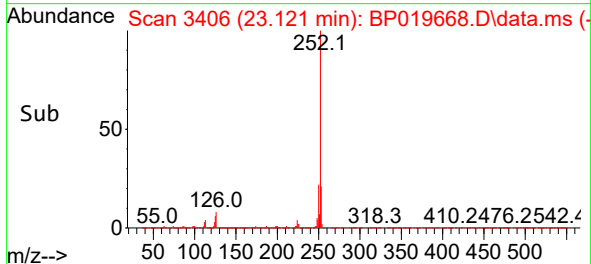
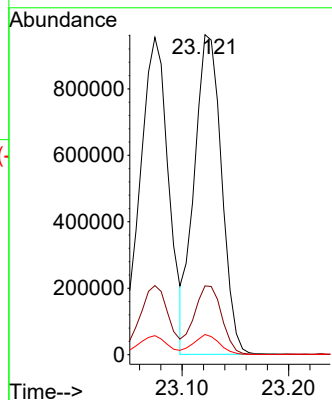
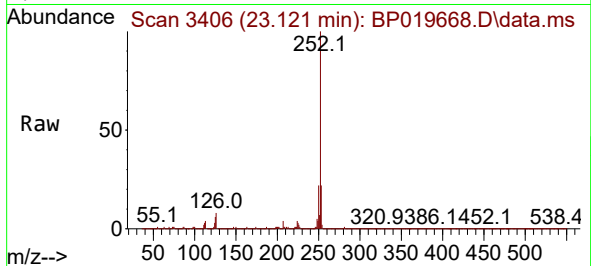




#89
Benzo(k)fluoranthene
Concen: 50.726 ng
RT: 23.121 min Scan# 3407
Delta R.T. -0.006 min
Lab File: BP019668.D
Acq: 12 Feb 2024 18:10

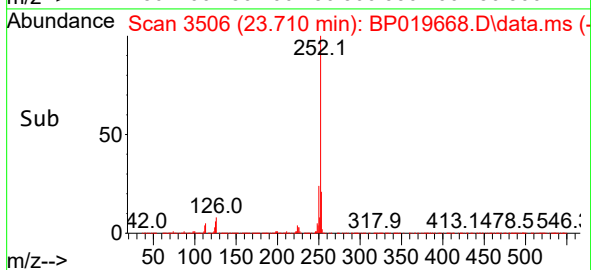
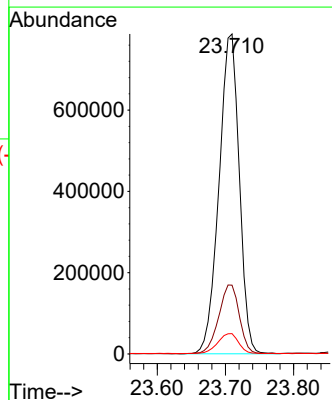
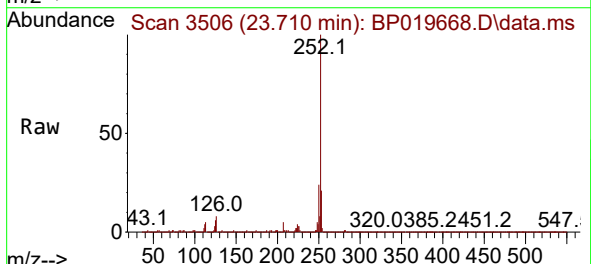
Instrument :
BNA_P
ClientSampleId :
TP-1MS

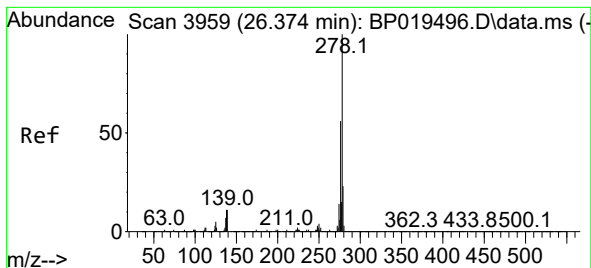
Tgt Ion:252 Resp: 1714726
Ion Ratio Lower Upper
252 100
253 21.5 17.1 25.7
125 6.3 5.0 7.6



#90
Benzo(a)pyrene
Concen: 51.656 ng
RT: 23.710 min Scan# 3506
Delta R.T. 0.000 min
Lab File: BP019668.D
Acq: 12 Feb 2024 18:10

Tgt Ion:252 Resp: 1626491
Ion Ratio Lower Upper
252 100
253 21.5 17.1 25.7
125 6.3 5.6 8.4





#91

Dibenzo(a,h)anthracene

Concen: 51.086 ng

RT: 26.374 min Scan# 3959

Delta R.T. 0.000 min

Lab File: BP019668.D

Acq: 12 Feb 2024 18:10

Instrument :

BNA_P

ClientSampleId :

TP-1MS

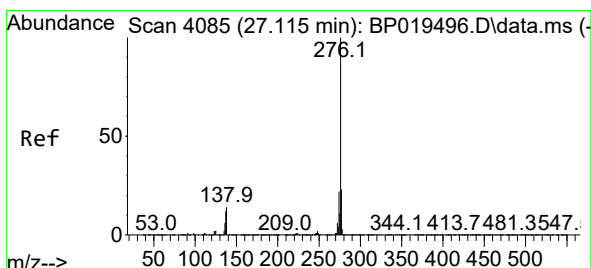
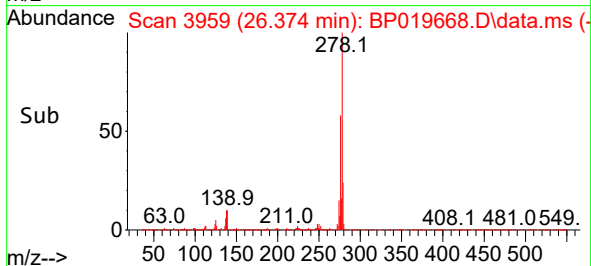
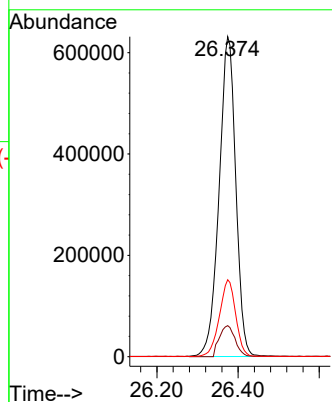
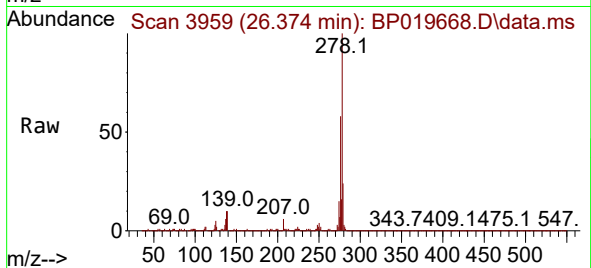
Tgt Ion:278 Resp: 1805833

Ion Ratio Lower Upper

278 100

139 9.7 8.6 12.8

279 24.0 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 47.896 ng

RT: 27.127 min Scan# 4087

Delta R.T. 0.012 min

Lab File: BP019668.D

Acq: 12 Feb 2024 18:10

Tgt Ion:276 Resp: 1717650

Ion Ratio Lower Upper

276 100

277 23.8 18.6 28.0

138 12.8 10.9 16.3

