

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021224\
 Data File : BP019669.D
 Acq On : 12 Feb 2024 18:43
 Operator : MA/JU
 Sample : P1375-02MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-1MSD

Quant Time: Feb 12 22:24:49 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	82308	20.000	ng	-0.01
21) Naphthalene-d8	10.704	136	289215	20.000	ng	-0.01
39) Acenaphthene-d10	14.540	164	175337	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	410959	20.000	ng	0.00
76) Chrysene-d12	21.392	240	450243	20.000	ng	0.00
86) Perylene-d12	23.810	264	536854	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	592756	116.085	ng	0.00
7) Phenol-d6	7.081	99	701913	101.948	ng	0.00
23) Nitrobenzene-d5	9.075	82	556516	83.380	ng	-0.01
42) 2,4,6-Tribromophenol	16.034	330	410768	160.453	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1200452	84.639	ng	-0.01
79) Terphenyl-d14	19.863	244	2345649	85.676	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.399	88	65348	33.217	ng	# 60
3) Pyridine	3.793	79	143263	26.860	ng	98
4) n-Nitrosodimethylamine	3.711	42	90987	39.183	ng	98
6) Aniline	7.240	93	115086	17.203	ng	99
8) 2-Chlorophenol	7.469	128	219883	41.943	ng	96
9) Benzaldehyde	7.058	77	38301	7.934	ng	96
10) Phenol	7.105	94	254705	37.117	ng	98
11) bis(2-Chloroethyl)ether	7.346	93	210675	39.462	ng	99
12) 1,3-Dichlorobenzene	7.793	146	236087	36.804	ng	98
13) 1,4-Dichlorobenzene	7.946	146	242659	37.338	ng	98
14) 1,2-Dichlorobenzene	8.258	146	233742	37.172	ng	97
15) Benzyl Alcohol	8.158	79	233434	42.433	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.434	45	205827	38.554	ng	100
17) 2-Methylphenol	8.358	107	183416	39.701	ng	98
18) Hexachloroethane	8.975	117	87790	34.850	ng	99
19) n-Nitroso-di-n-propyla...	8.722	70	177651	37.776	ng	99
20) 3+4-Methylphenols	8.687	107	247081	39.188	ng	96
22) Acetophenone	8.740	105	351759	42.693	ng	# 97
24) Nitrobenzene	9.122	77	272209	40.506	ng	98
25) Isophorone	9.646	82	479660	41.265	ng	99
26) 2-Nitrophenol	9.822	139	116222	45.357	ng	98
27) 2,4-Dimethylphenol	9.887	122	161486	49.286	ng	99
28) bis(2-Chloroethoxy)met...	10.134	93	277445	42.186	ng	99
29) 2,4-Dichlorophenol	10.357	162	224111	45.248	ng	99
30) 1,2,4-Trichlorobenzene	10.569	180	251981	41.493	ng	97
31) Naphthalene	10.757	128	652996	41.167	ng	99
32) Benzoic acid	10.034	122	145645	45.624	ng	94
33) 4-Chloroaniline	10.881	127	30064	5.125	ng	# 91
34) Hexachlorobutadiene	11.028	225	182540	40.562	ng	97
35) Caprolactam	11.675	113	59995	42.788	ng	94
36) 4-Chloro-3-methylphenol	12.004	107	240636	44.558	ng	99
37) 2-Methylnaphthalene	12.363	142	461360	42.028	ng	99
38) 1-Methylnaphthalene	12.587	142	440363	40.821	ng	100
40) 1,2,4,5-Tetrachloroben...	12.728	216	317607	46.969	ng	99
41) Hexachlorocyclopentadiene	12.699	237	260919	85.413	ng	99
43) 2,4,6-Trichlorophenol	12.975	196	200277	48.912	ng	99

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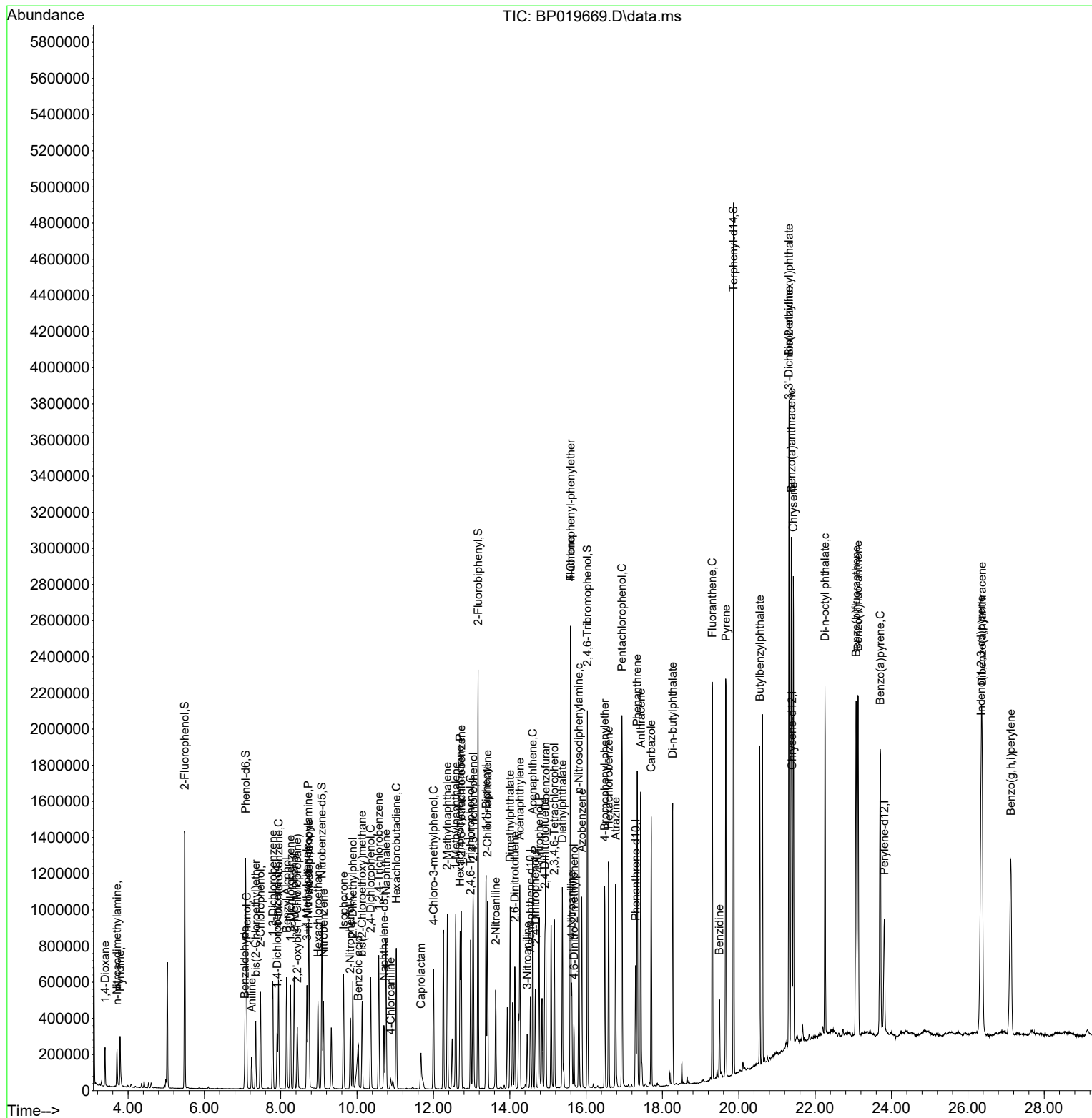
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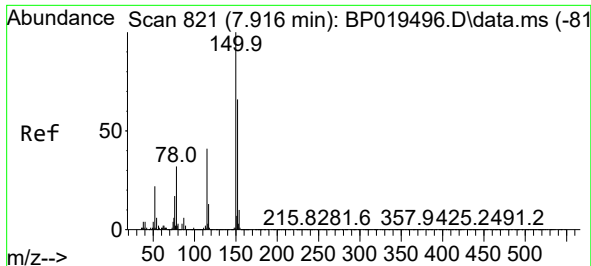
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.046	196	214285	47.659	ng	98
46) 1,1'-Biphenyl	13.381	154	630104	45.026	ng	100
47) 2-Chloronaphthalene	13.416	162	507542	44.181	ng	98
48) 2-Nitroaniline	13.634	65	155583	48.435	ng	94
49) Acenaphthylene	14.263	152	805198	49.960	ng	99
50) Dimethylphthalate	14.010	163	644737	48.034	ng	99
51) 2,6-Dinitrotoluene	14.134	165	141054	47.831	ng	93
52) Acenaphthene	14.604	154	453418	45.329	ng	100
53) 3-Nitroaniline	14.457	138	72171	26.630	ng	95
54) 2,4-Dinitrophenol	14.669	184	117380	76.660	ng	95
55) Dibenzofuran	14.940	168	770986	47.324	ng	100
56) 4-Nitrophenol	14.769	139	229897	103.494	ng	98
57) 2,4-Dinitrotoluene	14.922	165	200399	51.856	ng	98
58) Fluorene	15.592	166	622794	47.996	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.163	232	204743	54.137	ng	97
60) Diethylphthalate	15.375	149	635943	47.633	ng	99
61) 4-Chlorophenyl-phenyle...	15.592	204	344914	47.293	ng	96
62) 4-Nitroaniline	15.622	138	134979	47.515	ng	98
63) Azobenzene	15.887	77	591833	45.842	ng	97
65) 4,6-Dinitro-2-methylph...	15.681	198	85186	36.353	ng	96
66) n-Nitrosodiphenylamine	15.810	169	540173	43.889	ng	99
67) 4-Bromophenyl-phenylether	16.487	248	234863	45.716	ng	98
68) Hexachlorobenzene	16.592	284	273714	45.623	ng	93
69) Atrazine	16.775	200	220257	53.930	ng	97
70) Pentachlorophenol	16.939	266	387646	103.757	ng	98
71) Phenanthrene	17.339	178	1033887	47.804	ng	99
72) Anthracene	17.434	178	1048710	48.609	ng	99
73) Carbazole	17.704	167	955249	48.739	ng	99
74) Di-n-butylphthalate	18.269	149	1124200	47.438	ng	99
75) Fluoranthene	19.304	202	1372749	51.958	ng	100
77) Benzidine	19.492	184	249833	26.541	ng	99
78) Pyrene	19.663	202	1406662	44.268	ng	99
80) Butylbenzylphthalate	20.551	149	535588	45.134	ng	96
81) Benzo(a)anthracene	21.375	228	1511947	47.705	ng	99
82) 3,3'-Dichlorobenzidine	21.310	252	493787	42.755	ng	98
83) Chrysene	21.427	228	1390724	46.218	ng	100
84) Bis(2-ethylhexyl)phtha...	21.316	149	776542	42.974	ng	99
85) Di-n-octyl phthalate	22.257	149	1398721	43.995	ng	99
87) Indeno(1,2,3-cd)pyrene	26.345	276	1901114	46.262	ng	98
88) Benzo(b)fluoranthene	23.074	252	1548864	45.776	ng	100
89) Benzo(k)fluoranthene	23.121	252	1484951	45.944	ng	99
90) Benzo(a)pyrene	23.704	252	1419173	47.140	ng	98
91) Dibenzo(a,h)anthracene	26.374	278	1562722	46.237	ng	98
92) Benzo(g,h,i)perylene	27.127	276	1492132	43.517	ng	98

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

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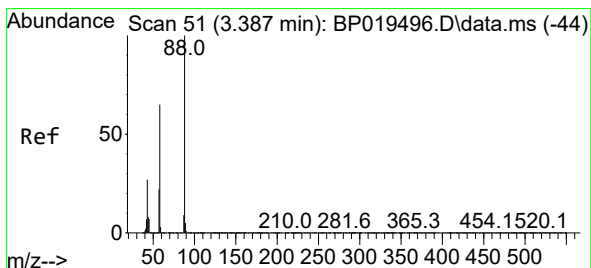
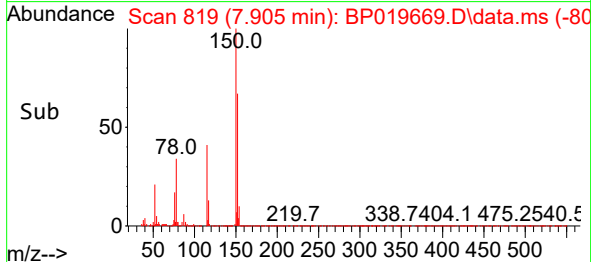
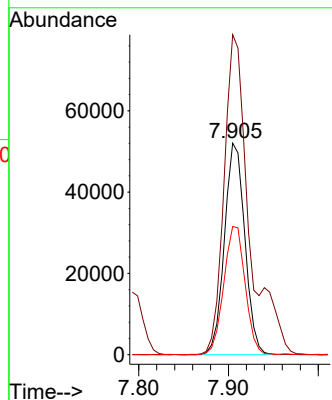
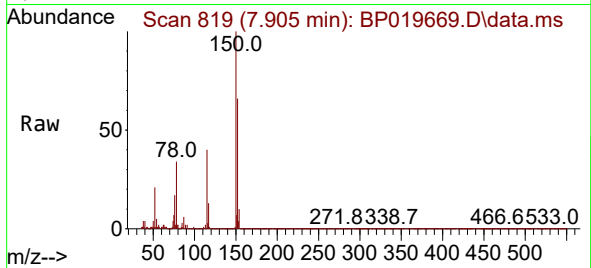




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.905 min Scan# 81
 Delta R.T. -0.011 min
 Lab File: BP019669.D
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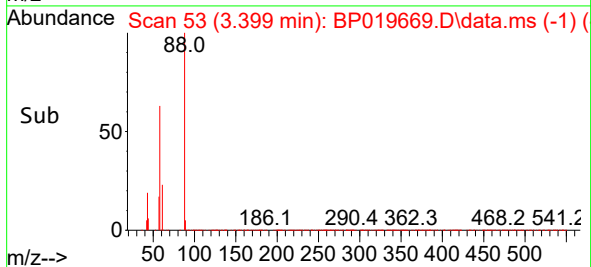
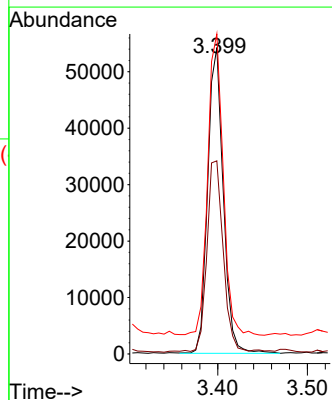
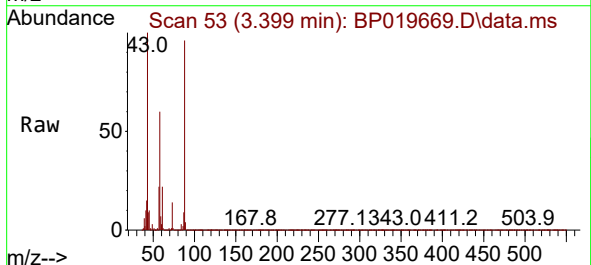
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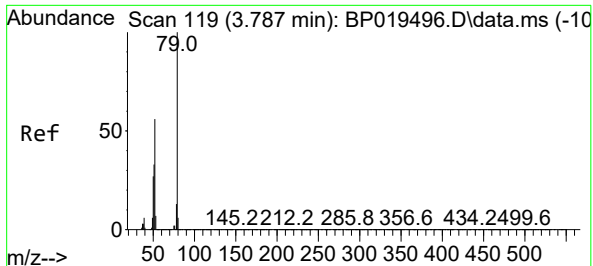
Tgt Ion:152 Resp: 82308
 Ion Ratio Lower Upper
 152 100
 150 151.2 121.8 182.8
 115 60.6 49.9 74.9



#2
 1,4-Dioxane
 Concen: 33.217 ng
 RT: 3.399 min Scan# 53
 Delta R.T. 0.012 min
 Lab File: BP019669.D
 Acq: 12 Feb 2024 18:43

Tgt Ion: 88 Resp: 65348
 Ion Ratio Lower Upper
 88 100
 58 65.6 52.6 78.8
 43 97.8 21.9 32.9#

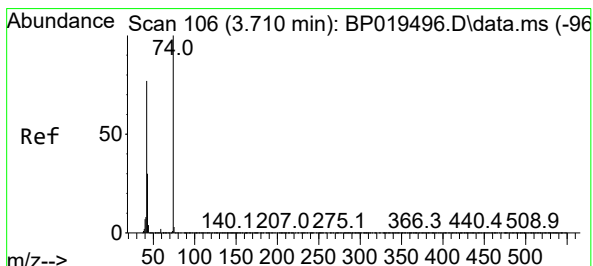
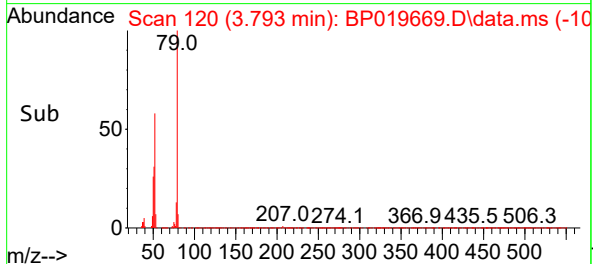
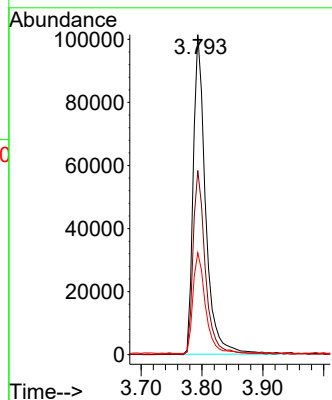
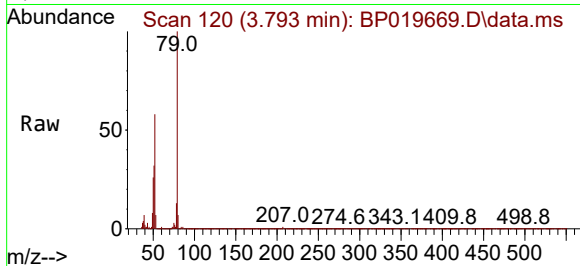




#3
Pyridine
Concen: 26.860 ng
RT: 3.793 min Scan# 119
Delta R.T. 0.006 min
Lab File: BP019669.D
Acq: 12 Feb 2024 18:43

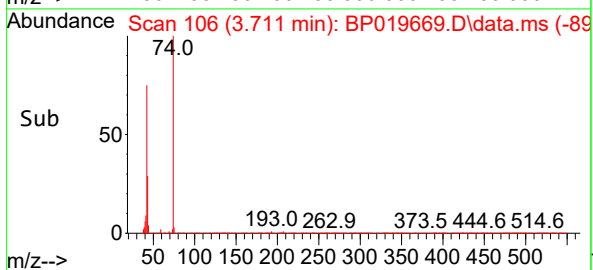
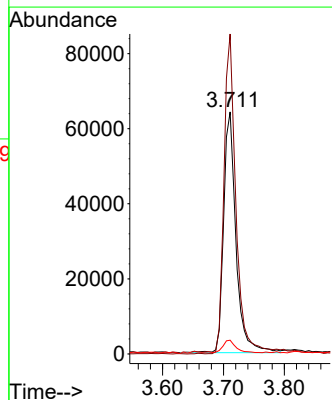
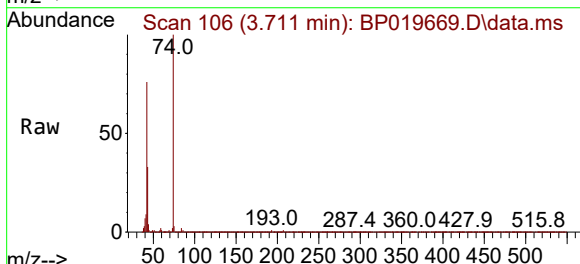
Instrument :
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ClientSampleId :
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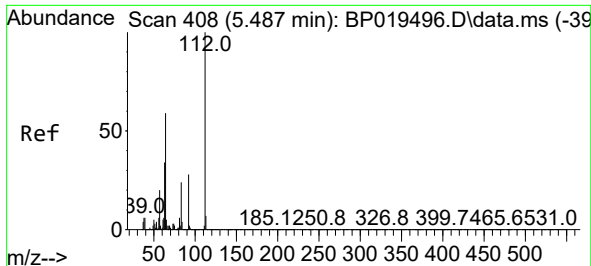
Tgt Ion: 79 Resp: 143263
Ion Ratio Lower Upper
79 100
52 57.6 45.0 67.6
51 31.9 26.8 40.2



#4
n-Nitrosodimethylamine
Concen: 39.183 ng
RT: 3.711 min Scan# 106
Delta R.T. 0.000 min
Lab File: BP019669.D
Acq: 12 Feb 2024 18:43

Tgt Ion: 42 Resp: 90987
Ion Ratio Lower Upper
42 100
74 132.2 103.4 155.2
44 5.7 4.8 7.2

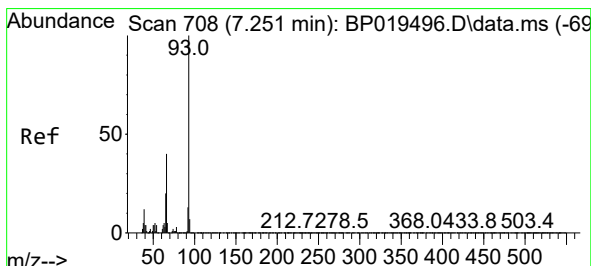
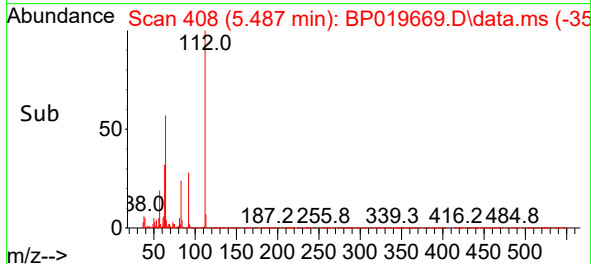
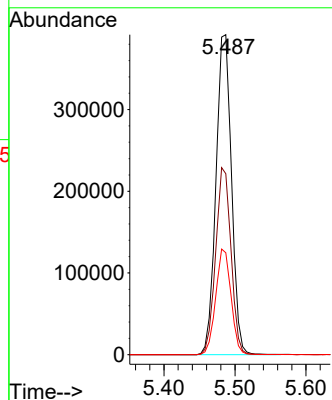
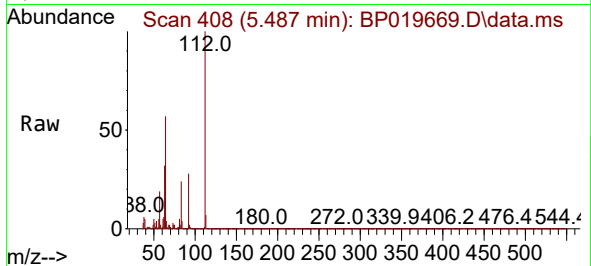




#5
2-Fluorophenol
Concen: 116.085 ng
RT: 5.487 min Scan# 408
Delta R.T. 0.000 min
Lab File: BP019669.D
Acq: 12 Feb 2024 18:43

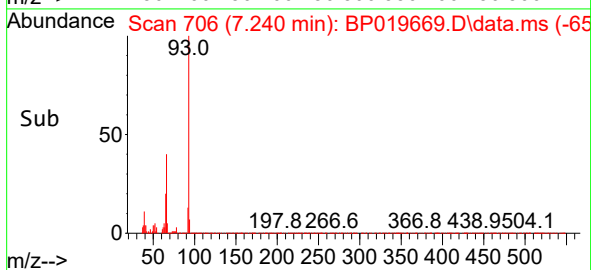
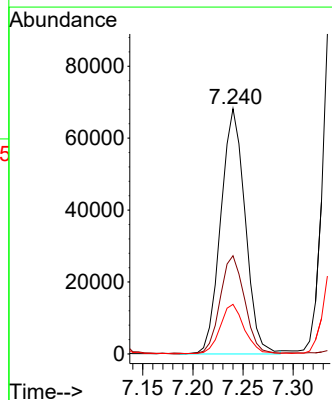
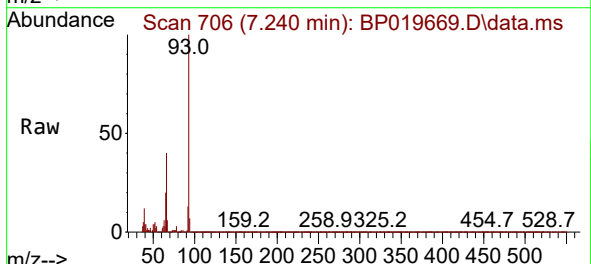
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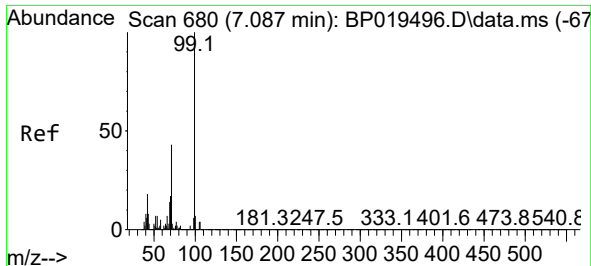
Tgt Ion:112 Resp: 592756
Ion Ratio Lower Upper
112 100
64 56.5 47.4 71.0
63 31.9 27.0 40.6



#6
Aniline
Concen: 17.203 ng
RT: 7.240 min Scan# 706
Delta R.T. -0.011 min
Lab File: BP019669.D
Acq: 12 Feb 2024 18:43

Tgt Ion: 93 Resp: 115086
Ion Ratio Lower Upper
93 100
66 40.1 32.3 48.5
65 20.2 16.4 24.6

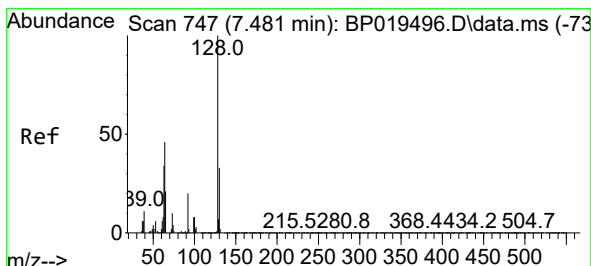
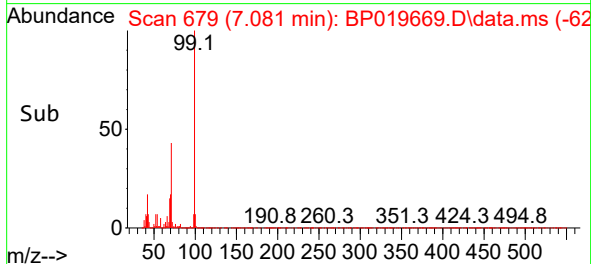
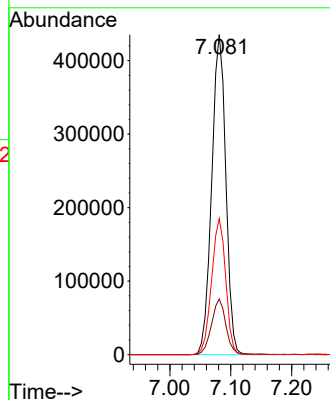
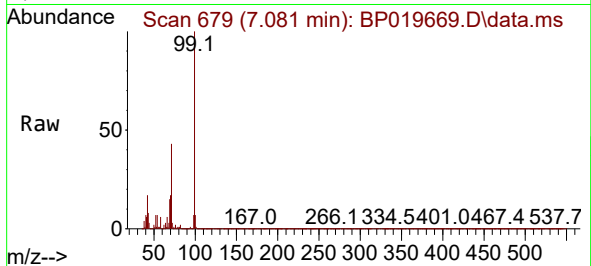




#7
Phenol-d6
Concen: 101.948 ng
RT: 7.081 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019669.D
Acq: 12 Feb 2024 18:43

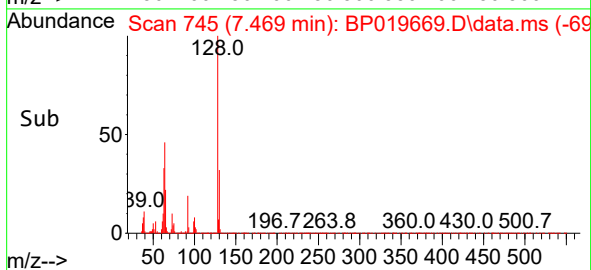
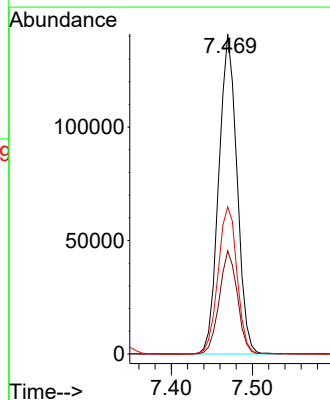
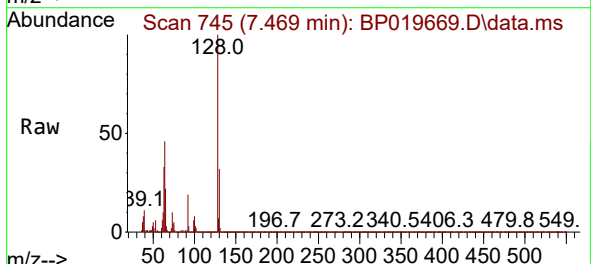
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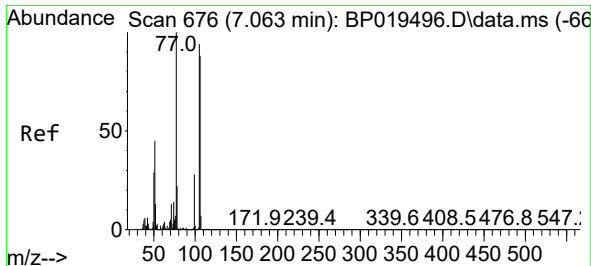
Tgt Ion: 99 Resp: 701913
Ion Ratio Lower Upper
99 100
42 17.4 14.7 22.1
71 42.5 34.8 52.2



#8
2-Chlorophenol
Concen: 41.943 ng
RT: 7.469 min Scan# 745
Delta R.T. -0.011 min
Lab File: BP019669.D
Acq: 12 Feb 2024 18:43

Tgt Ion:128 Resp: 219883
Ion Ratio Lower Upper
128 100
130 32.2 13.3 53.3
64 46.0 29.7 69.7

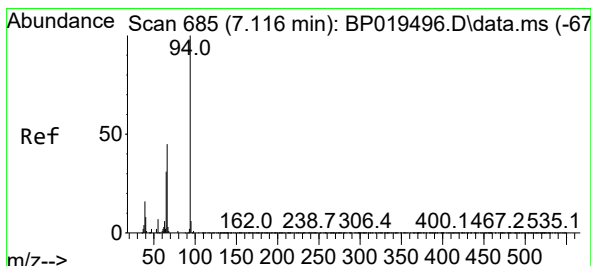
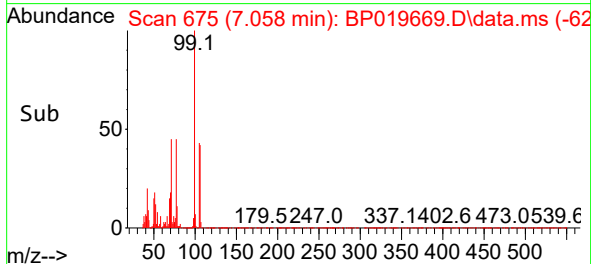
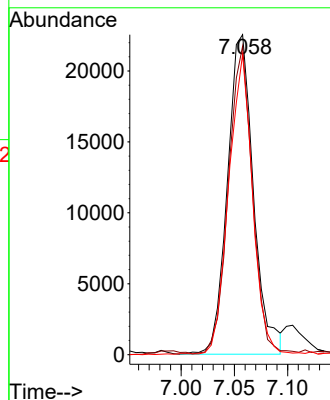
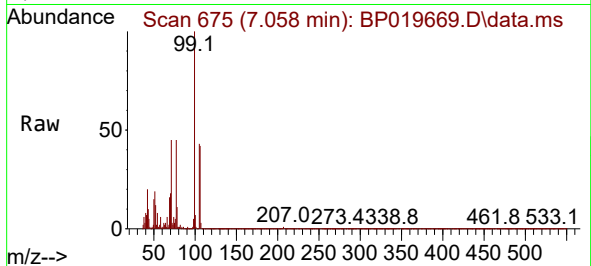




#9
Benzaldehyde
Concen: 7.934 ng
RT: 7.058 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019669.D
Acq: 12 Feb 2024 18:43

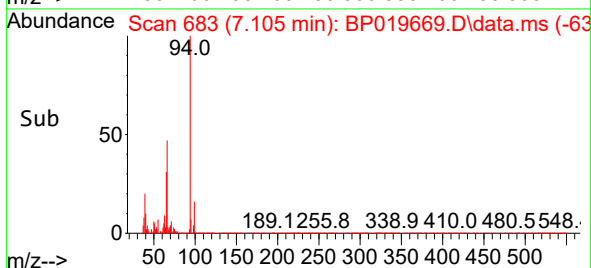
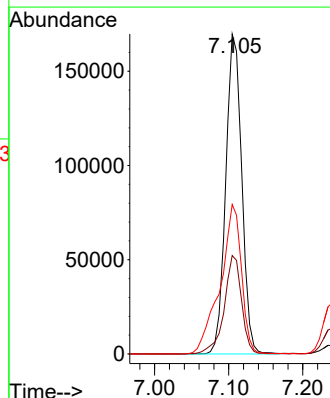
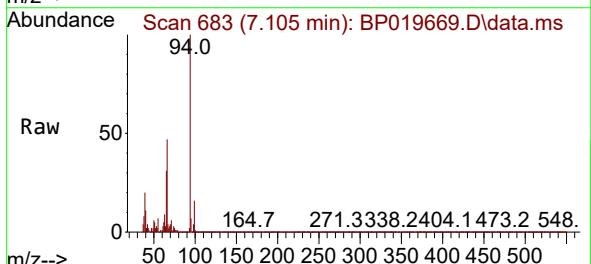
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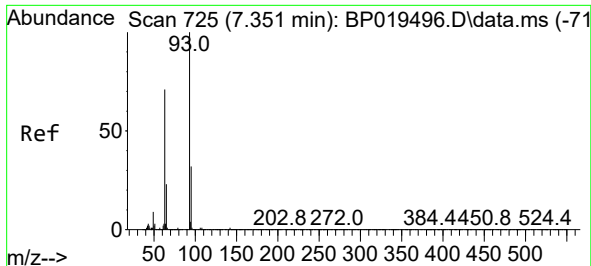
Tgt Ion: 77 Resp: 38301
Ion Ratio Lower Upper
77 100
105 96.4 74.0 114.0
106 93.8 67.8 107.8



#10
Phenol
Concen: 37.117 ng
RT: 7.105 min Scan# 683
Delta R.T. -0.011 min
Lab File: BP019669.D
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Tgt Ion: 94 Resp: 254705
Ion Ratio Lower Upper
94 100
65 30.7 11.3 51.3
66 46.7 25.1 65.1

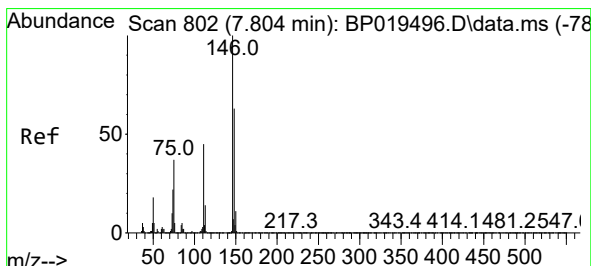
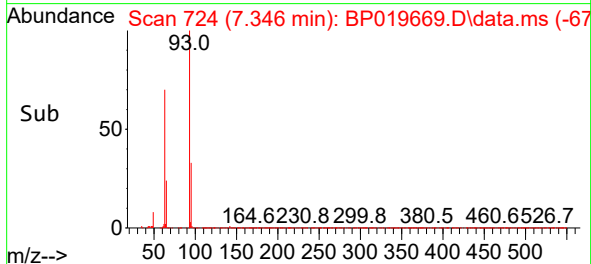
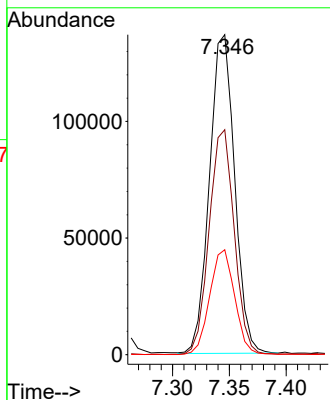
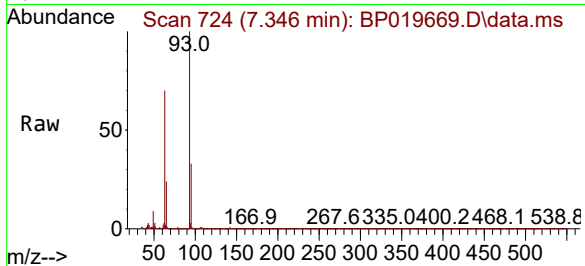




#11
bis(2-Chloroethyl)ether
Concen: 39.462 ng
RT: 7.346 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP019669.D
Acq: 12 Feb 2024 18:43

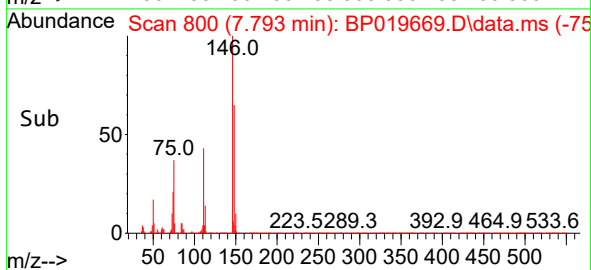
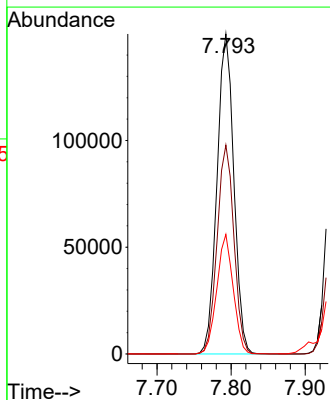
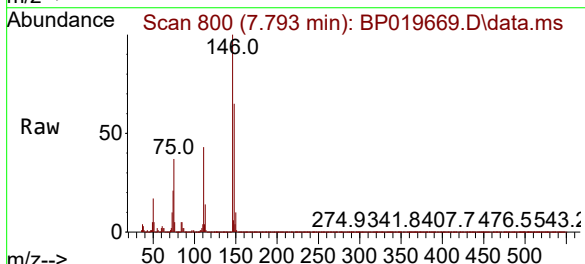
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

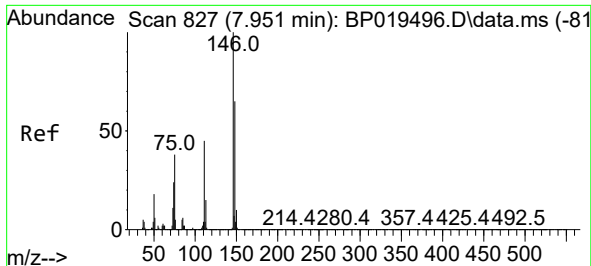
Tgt Ion: 93 Resp: 210675
Ion Ratio Lower Upper
93 100
63 70.3 51.2 91.2
95 32.8 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 36.804 ng
RT: 7.793 min Scan# 800
Delta R.T. -0.011 min
Lab File: BP019669.D
Acq: 12 Feb 2024 18:43

Tgt Ion:146 Resp: 236087
Ion Ratio Lower Upper
146 100
148 65.3 50.4 75.6
75 37.3 29.9 44.9

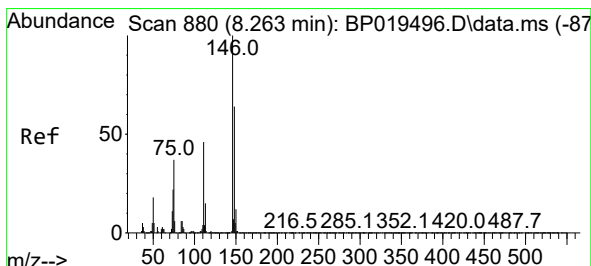
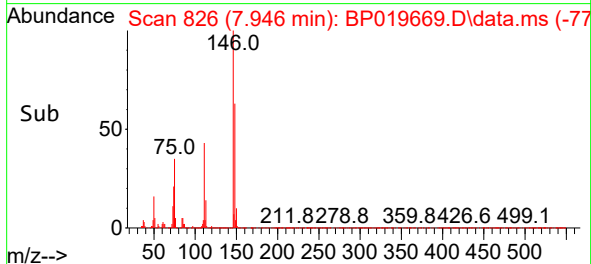
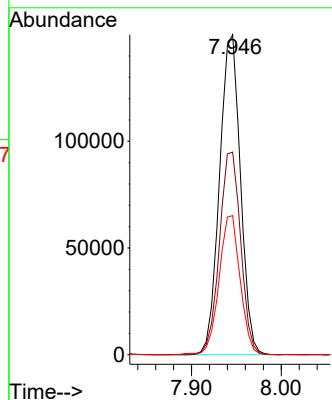
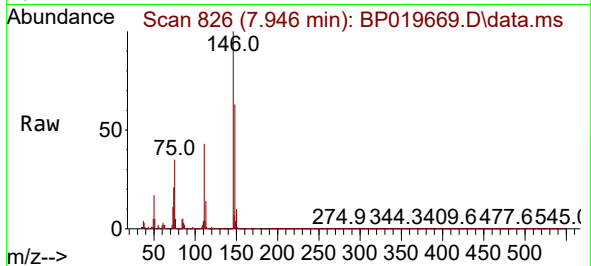




#13
1,4-Dichlorobenzene
Concen: 37.338 ng
RT: 7.946 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019669.D
Acq: 12 Feb 2024 18:43

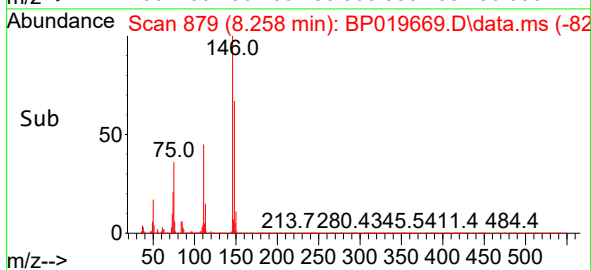
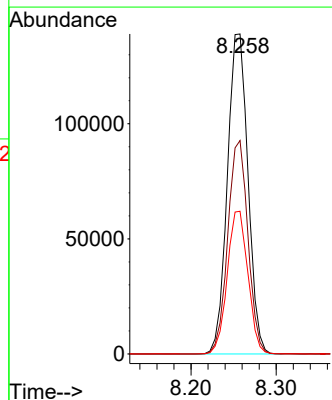
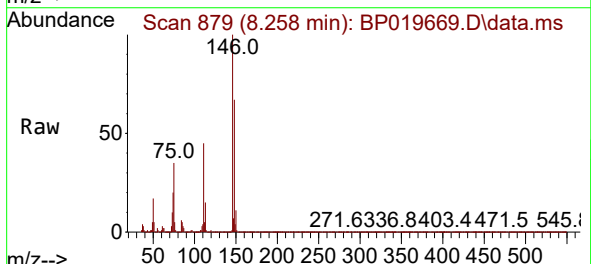
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

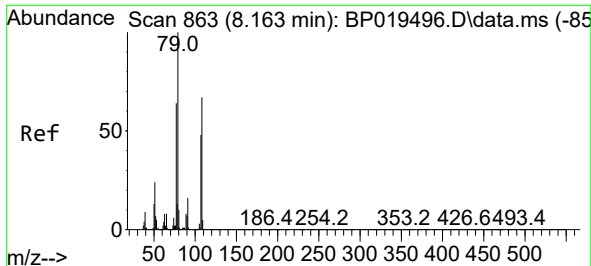
Tgt Ion:146 Resp: 242659
Ion Ratio Lower Upper
146 100
148 63.3 51.9 77.9
111 43.5 35.8 53.6



#14
1,2-Dichlorobenzene
Concen: 37.172 ng
RT: 8.258 min Scan# 879
Delta R.T. -0.006 min
Lab File: BP019669.D
Acq: 12 Feb 2024 18:43

Tgt Ion:146 Resp: 233742
Ion Ratio Lower Upper
146 100
148 66.7 51.4 77.0
111 44.6 37.0 55.6

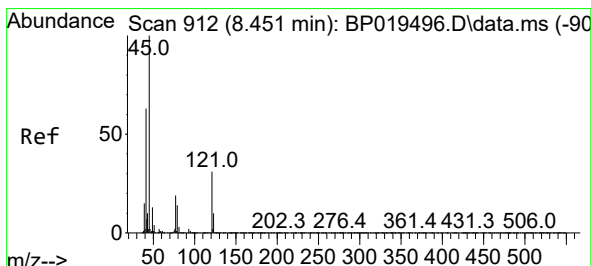
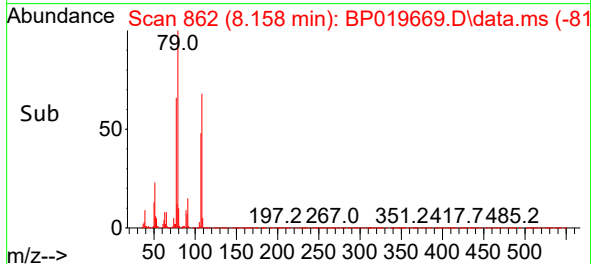
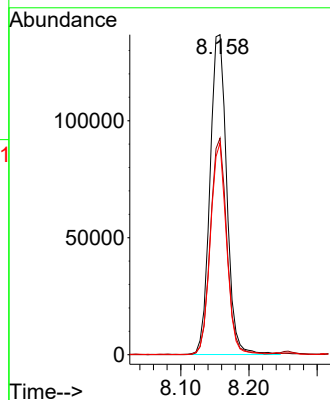
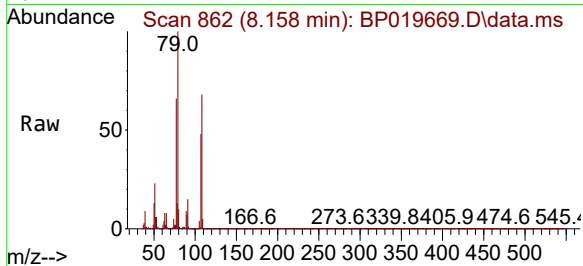




#15
Benzyl Alcohol
Concen: 42.433 ng
RT: 8.158 min Scan# 801
Delta R.T. -0.006 min
Lab File: BP019669.D
Acq: 12 Feb 2024 18:43

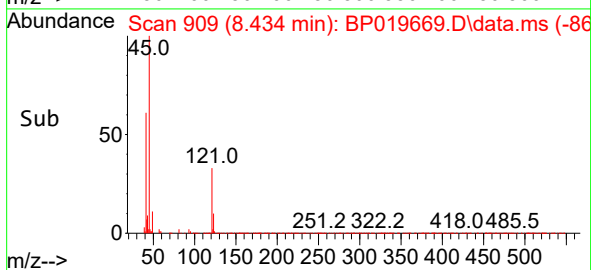
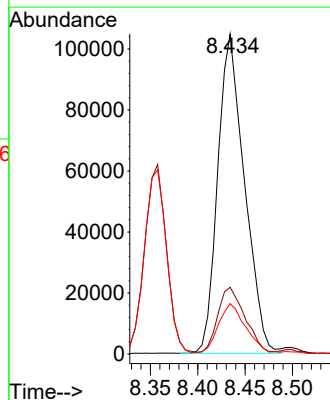
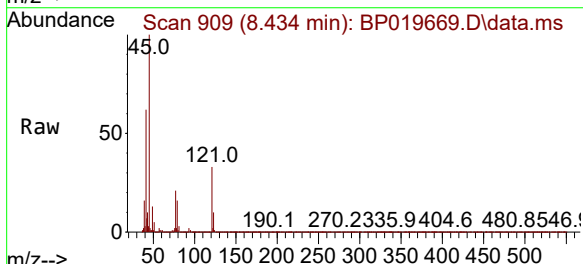
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

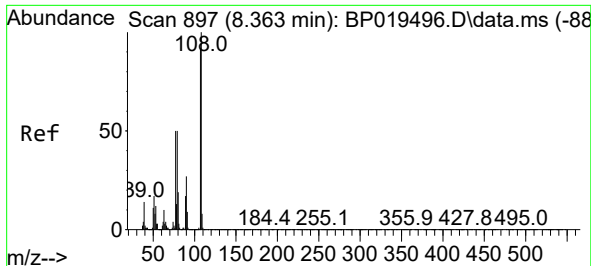
Tgt Ion: 79 Resp: 233434
Ion Ratio Lower Upper
79 100
108 67.7 53.8 80.6
77 66.2 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.554 ng
RT: 8.434 min Scan# 909
Delta R.T. -0.017 min
Lab File: BP019669.D
Acq: 12 Feb 2024 18:43

Tgt Ion: 45 Resp: 205827
Ion Ratio Lower Upper
45 100
77 20.9 0.8 40.8
79 15.7 0.0 35.5

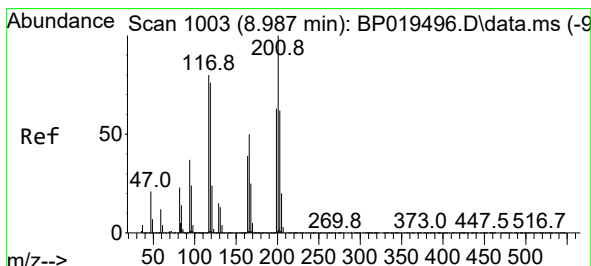
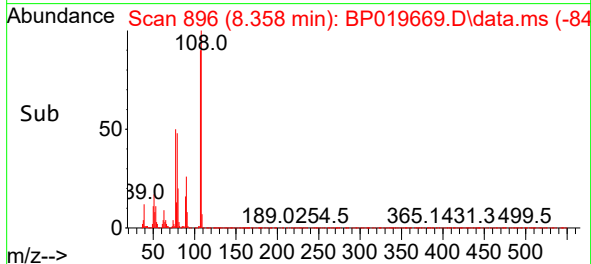
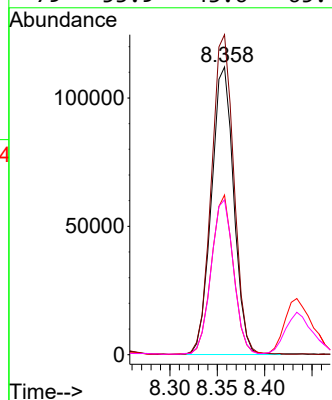
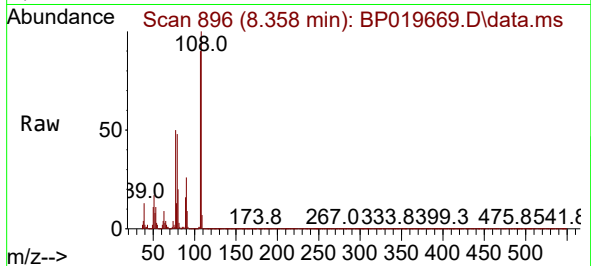




#17
2-Methylphenol
Concen: 39.701 ng
RT: 8.358 min Scan# 897
Delta R.T. -0.006 min
Lab File: BP019669.D
Acq: 12 Feb 2024 18:43

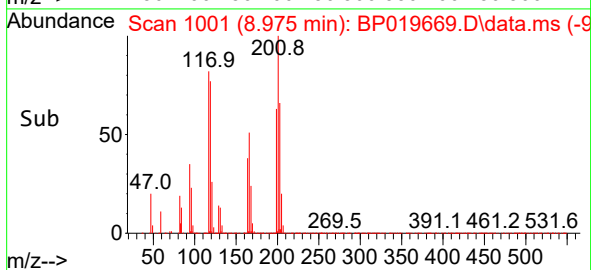
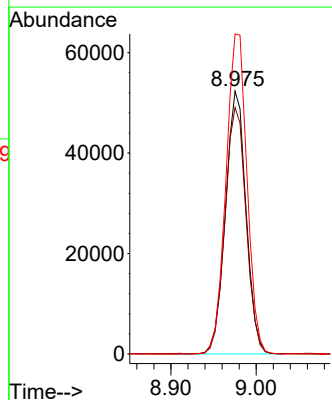
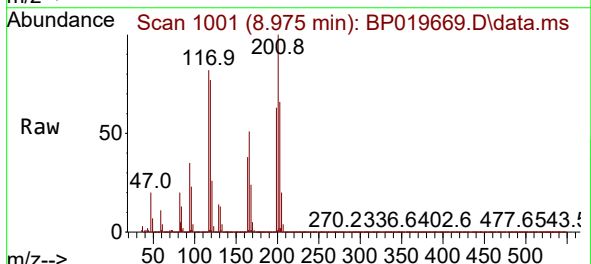
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

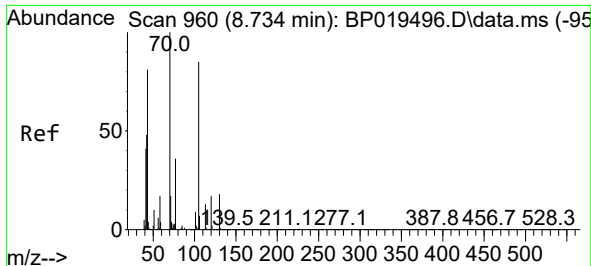
Tgt Ion:	107	Resp:	183416
Ion	Ratio	Lower	Upper
107	100		
108	111.3	87.0	130.6
77	55.5	43.5	65.3
79	53.9	43.6	65.4



#18
Hexachloroethane
Concen: 34.850 ng
RT: 8.975 min Scan# 1001
Delta R.T. -0.011 min
Lab File: BP019669.D
Acq: 12 Feb 2024 18:43

Tgt Ion:	117	Resp:	87790
Ion	Ratio	Lower	Upper
117	100		
119	93.8	75.5	113.3
201	121.8	99.4	149.2

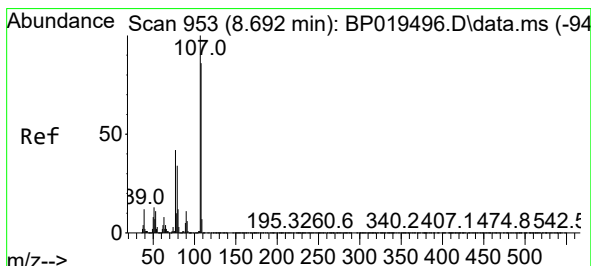
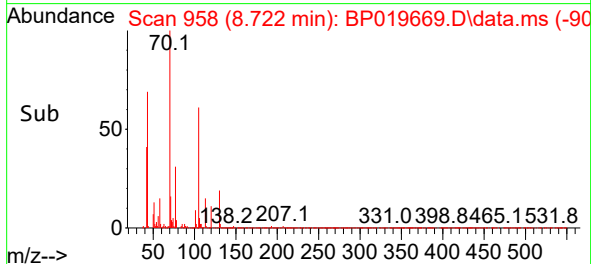
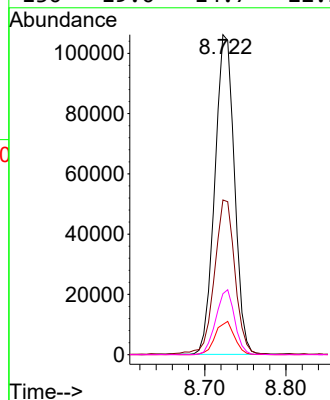
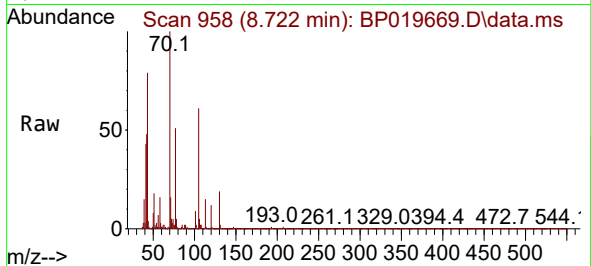




#19
n-Nitroso-di-n-propylamine
Concen: 37.776 ng
RT: 8.722 min Scan# 91
Delta R.T. -0.011 min
Lab File: BP019669.D
Acq: 12 Feb 2024 18:43

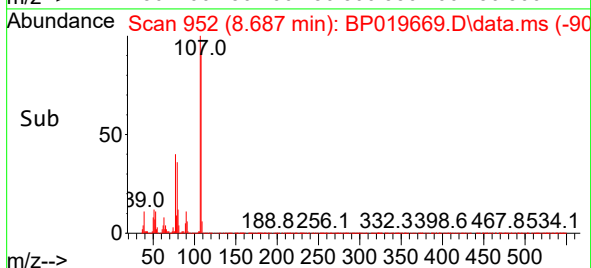
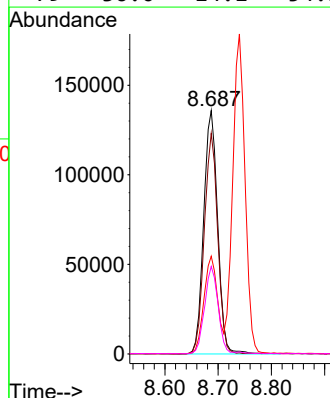
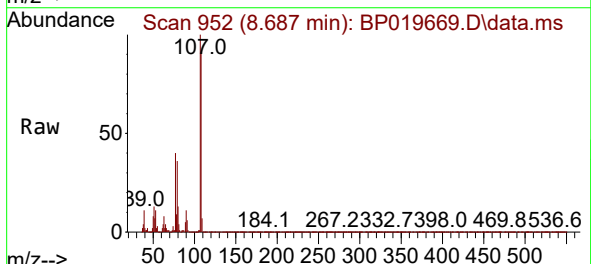
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

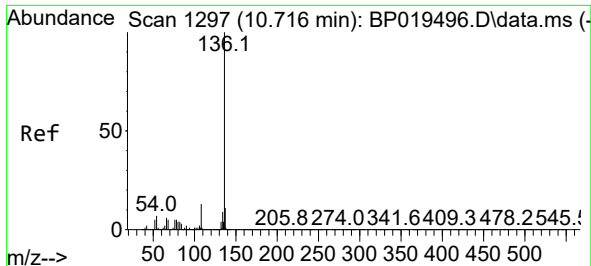
Tgt Ion:	70	Resp:	177651
Ion	Ratio	Lower	Upper
70	100		
42	48.4	39.2	58.8
101	9.5	7.3	10.9
130	19.0	14.7	22.1



#20
3+4-Methylphenols
Concen: 39.188 ng
RT: 8.687 min Scan# 952
Delta R.T. -0.006 min
Lab File: BP019669.D
Acq: 12 Feb 2024 18:43

Tgt Ion:	107	Resp:	247081
Ion	Ratio	Lower	Upper
107	100		
108	90.7	65.5	105.5
77	40.2	21.8	61.8
79	36.0	14.1	54.1

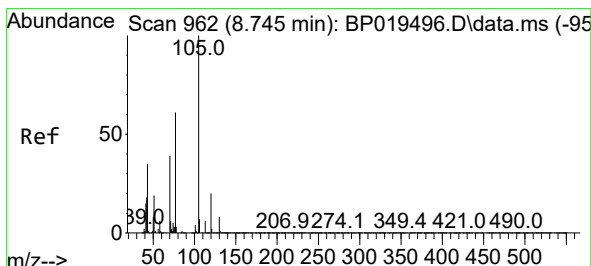
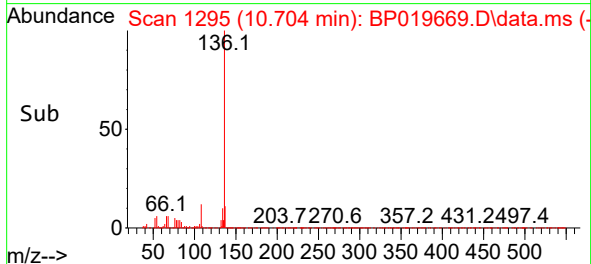
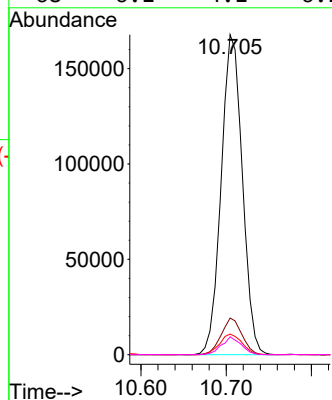
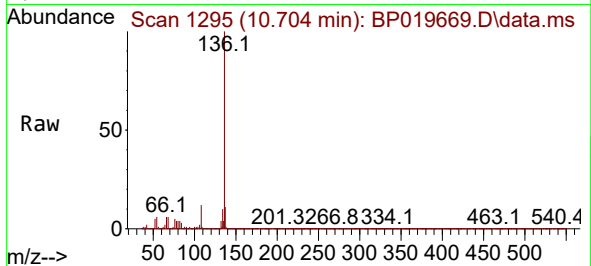




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 11
Delta R.T. -0.011 min
Lab File: BP019669.D
Acq: 12 Feb 2024 18:43

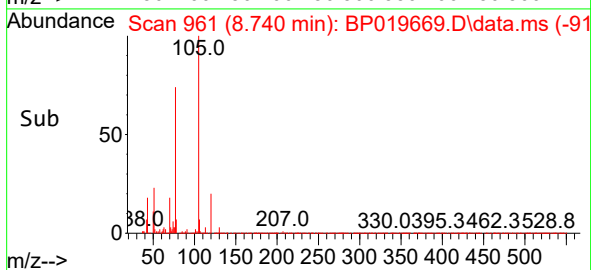
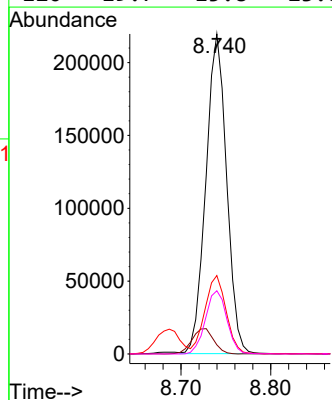
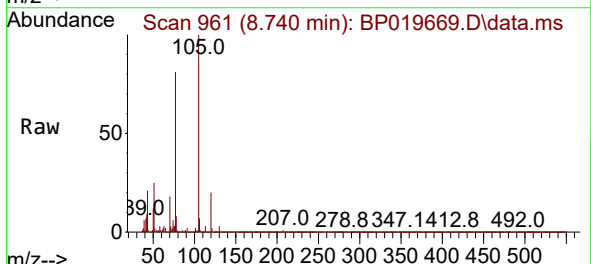
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

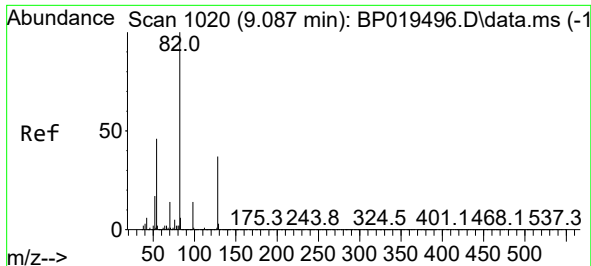
Tgt Ion:136 Resp: 289215
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 6.5 5.3 7.9
68 6.1 4.1 6.1



#22
Acetophenone
Concen: 42.693 ng
RT: 8.740 min Scan# 961
Delta R.T. -0.006 min
Lab File: BP019669.D
Acq: 12 Feb 2024 18:43

Tgt Ion:105 Resp: 351759
Ion Ratio Lower Upper
105 100
71 2.9 4.9 7.3#
51 24.5 20.7 31.1
120 19.7 15.8 23.8

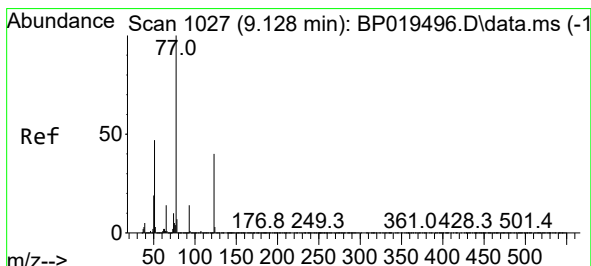
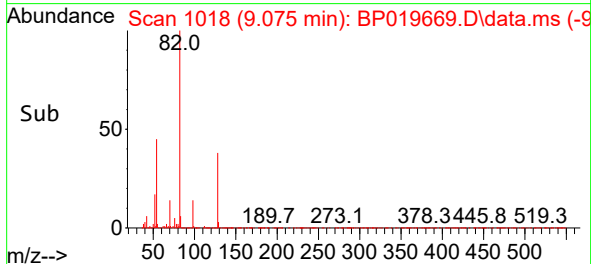
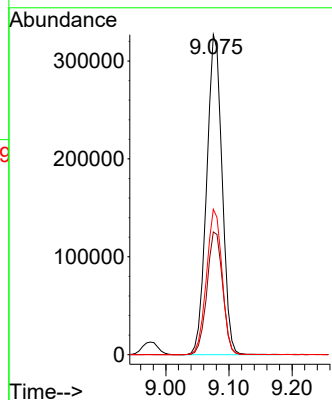
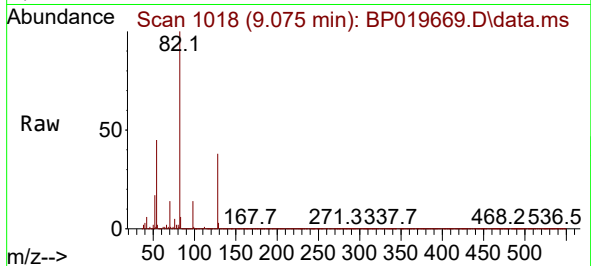




#23
Nitrobenzene-d5
Concen: 83.380 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.011 min
Lab File: BP019669.D
Acq: 12 Feb 2024 18:43

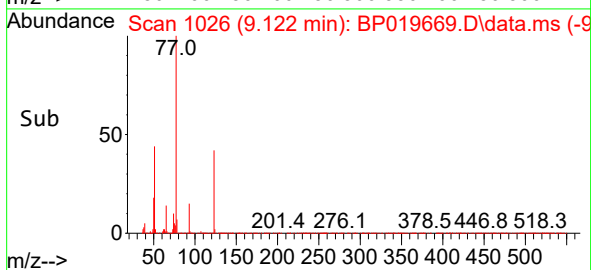
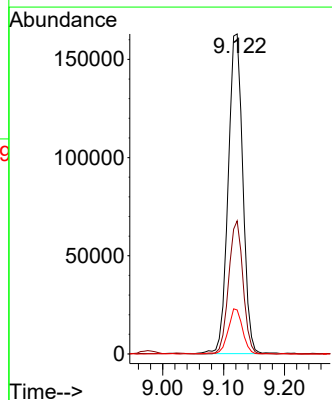
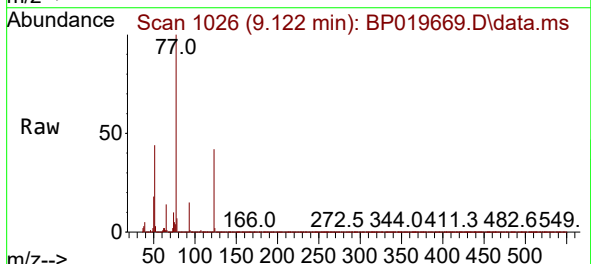
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

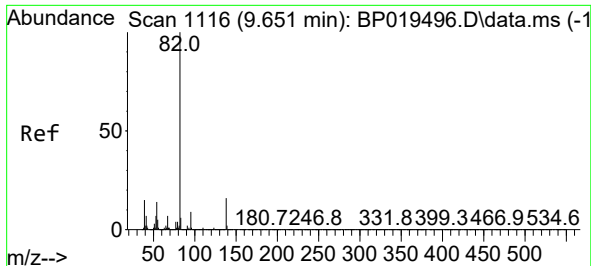
Tgt Ion: 82 Resp: 556516
Ion Ratio Lower Upper
82 100
128 38.3 29.7 44.5
54 45.4 36.8 55.2



#24
Nitrobenzene
Concen: 40.506 ng
RT: 9.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BP019669.D
Acq: 12 Feb 2024 18:43

Tgt Ion: 77 Resp: 272209
Ion Ratio Lower Upper
77 100
123 41.6 32.3 48.5
65 13.7 11.6 17.4

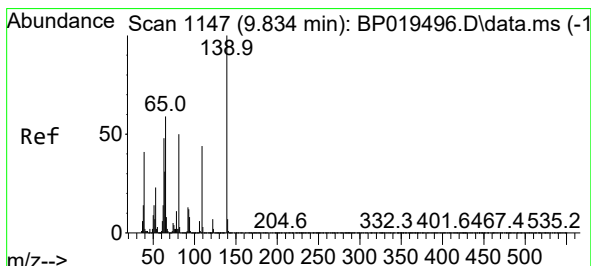
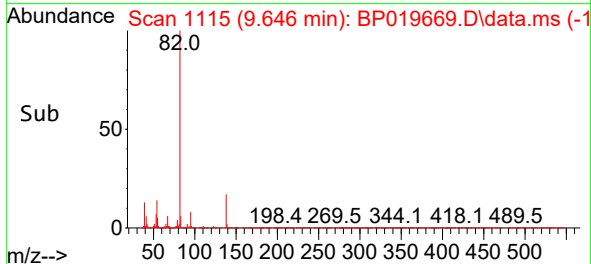
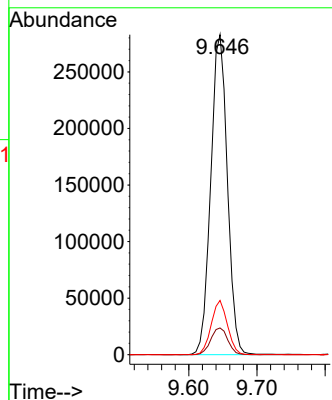
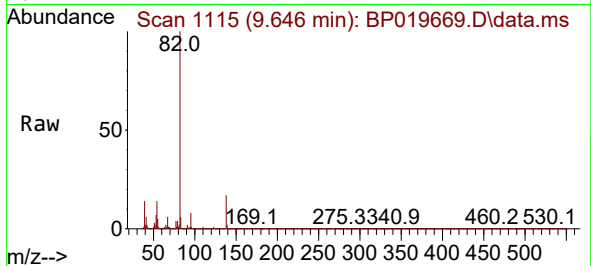




#25
Isophorone
Concen: 41.265 ng
RT: 9.646 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BP019669.D
Acq: 12 Feb 2024 18:43

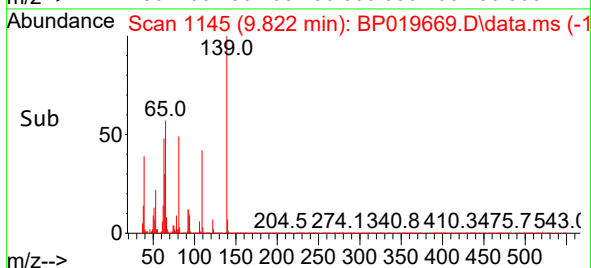
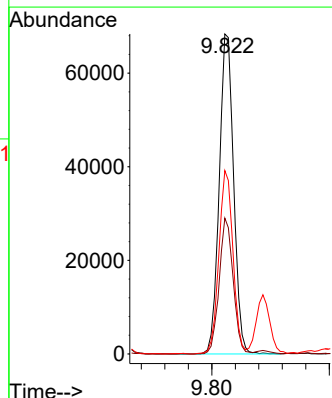
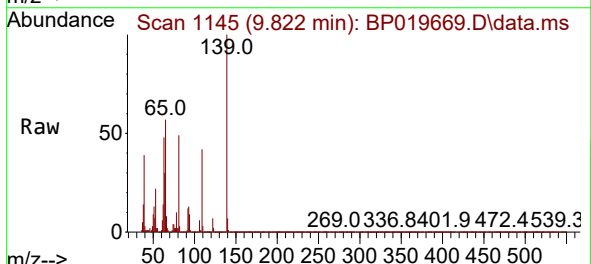
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

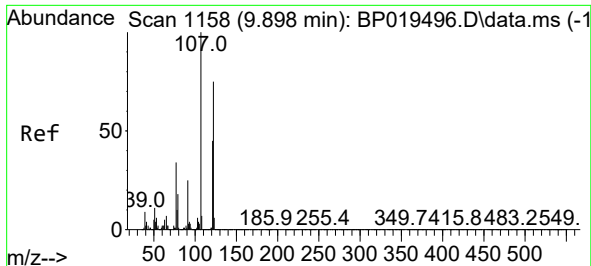
Tgt Ion: 82 Resp: 479660
Ion Ratio Lower Upper
82 100
95 8.3 7.0 10.4
138 16.9 13.1 19.7



#26
2-Nitrophenol
Concen: 45.357 ng
RT: 9.822 min Scan# 1145
Delta R.T. -0.011 min
Lab File: BP019669.D
Acq: 12 Feb 2024 18:43

Tgt Ion: 139 Resp: 116222
Ion Ratio Lower Upper
139 100
109 42.5 34.9 52.3
65 57.3 47.5 71.3





#27

2,4-Dimethylphenol

Concen: 49.286 ng

RT: 9.887 min Scan# 1156

Delta R.T. -0.011 min

Lab File: BP019669.D

Acq: 12 Feb 2024 18:43

Instrument :

BNA_P

ClientSampleId :

TP-1MSD

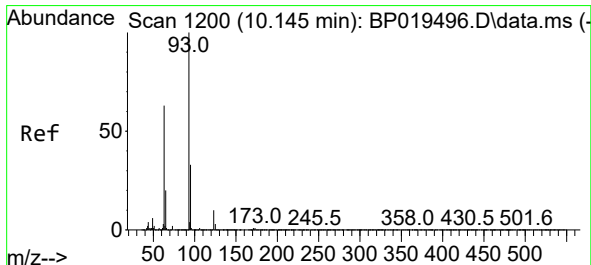
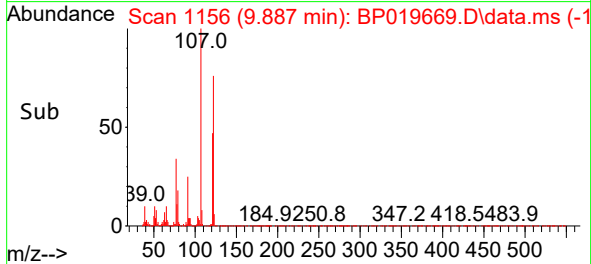
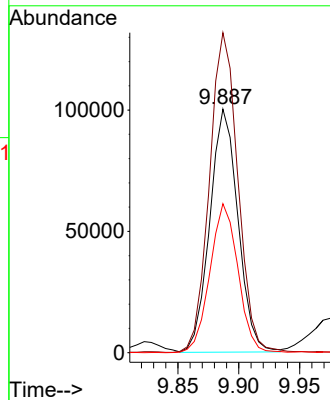
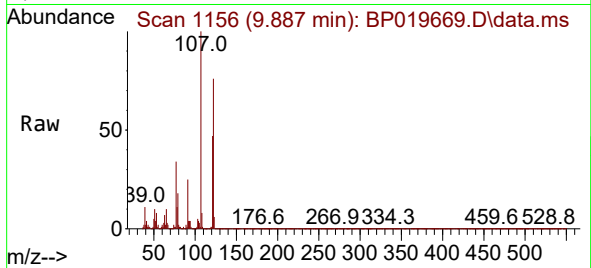
Tgt Ion:122 Resp: 161486

Ion Ratio Lower Upper

122 100

107 131.4 105.9 158.9

121 61.2 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 42.186 ng

RT: 10.134 min Scan# 1198

Delta R.T. -0.011 min

Lab File: BP019669.D

Acq: 12 Feb 2024 18:43

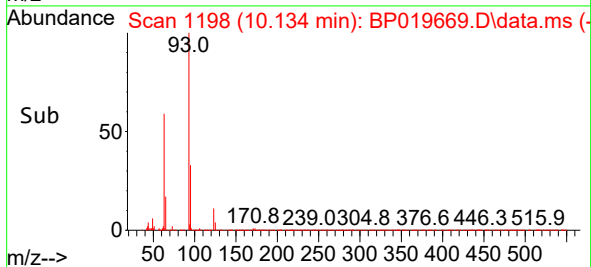
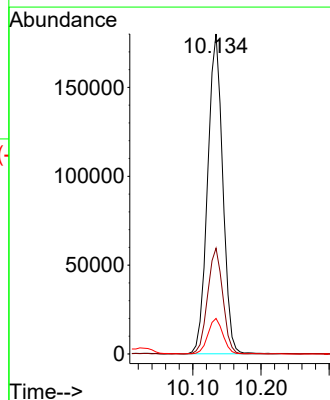
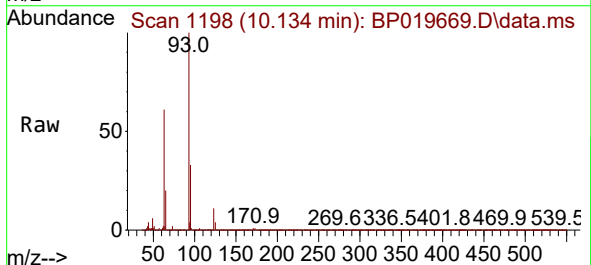
Tgt Ion: 93 Resp: 277445

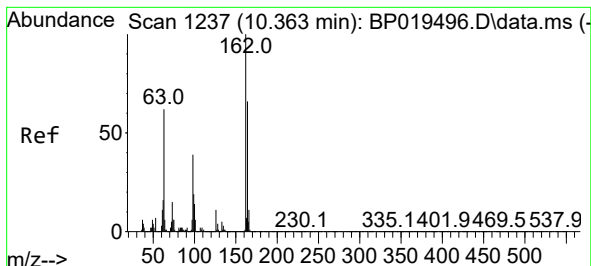
Ion Ratio Lower Upper

93 100

95 33.0 26.2 39.4

123 11.1 8.5 12.7

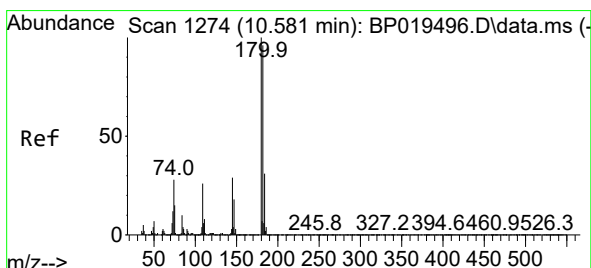
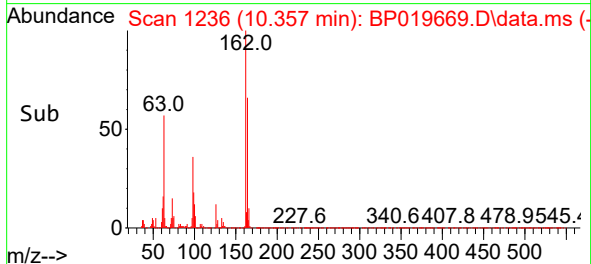
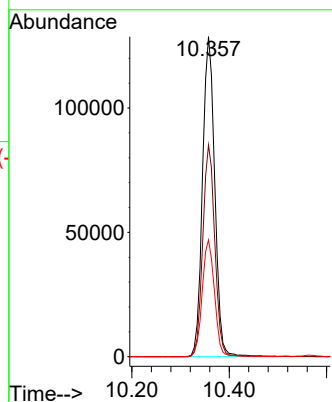
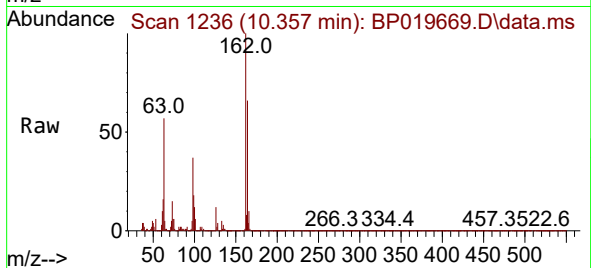




#29
2,4-Dichlorophenol
Concen: 45.248 ng
RT: 10.357 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BP019669.D
Acq: 12 Feb 2024 18:43

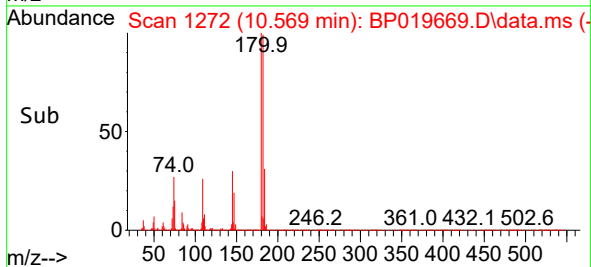
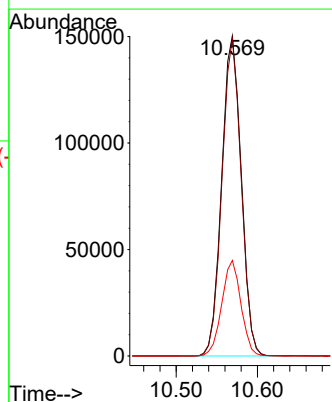
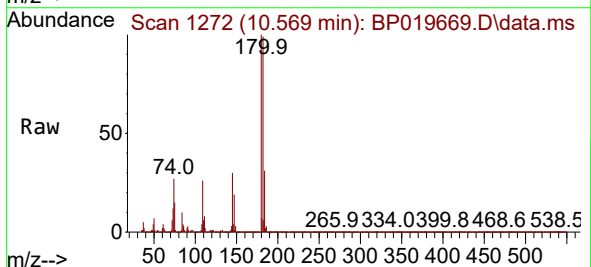
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

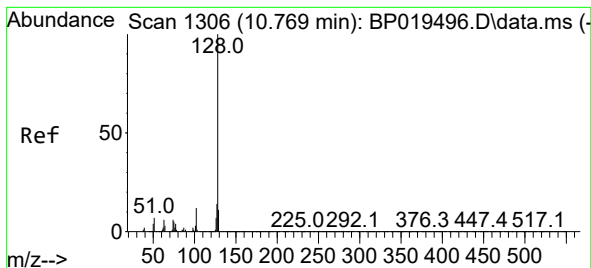
Tgt Ion:162 Resp: 224111
Ion Ratio Lower Upper
162 100
164 66.1 46.0 86.0
98 36.5 18.7 58.7



#30
1,2,4-Trichlorobenzene
Concen: 41.493 ng
RT: 10.569 min Scan# 1272
Delta R.T. -0.011 min
Lab File: BP019669.D
Acq: 12 Feb 2024 18:43

Tgt Ion:180 Resp: 251981
Ion Ratio Lower Upper
180 100
182 99.2 77.0 115.6
145 29.8 23.2 34.8

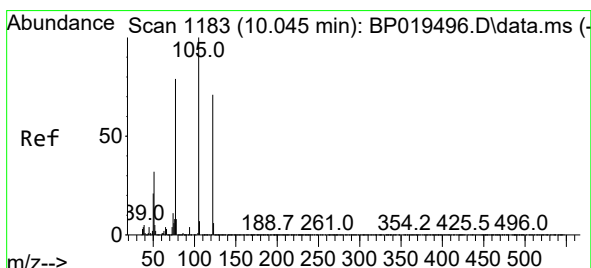
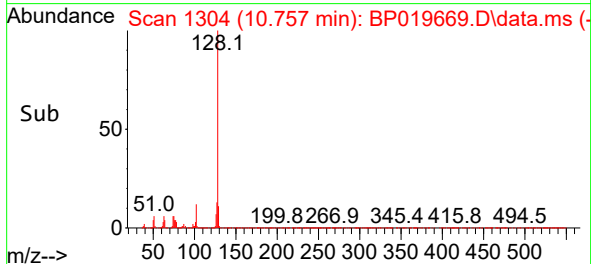
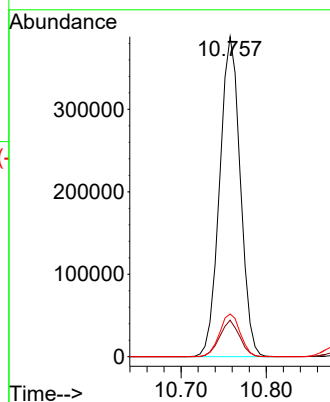
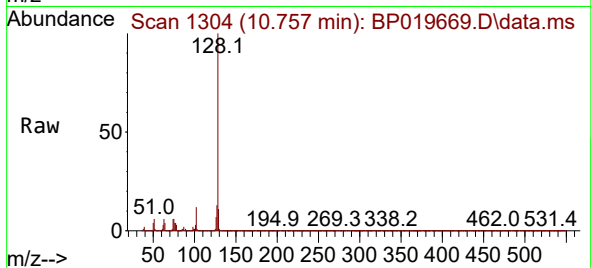




#31
Naphthalene
Concen: 41.167 ng
RT: 10.757 min Scan# 111
Delta R.T. -0.011 min
Lab File: BP019669.D
Acq: 12 Feb 2024 18:43

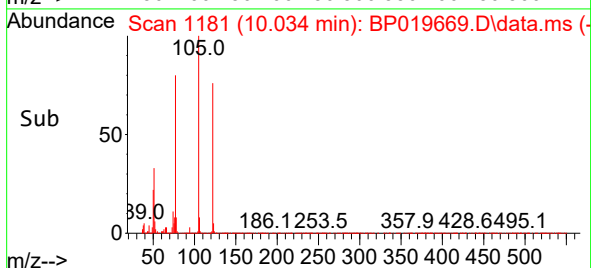
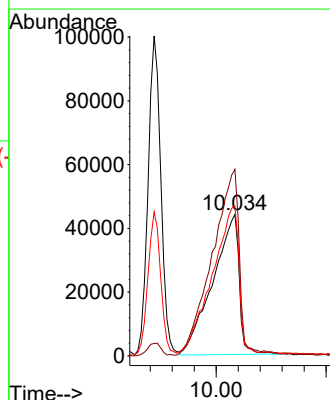
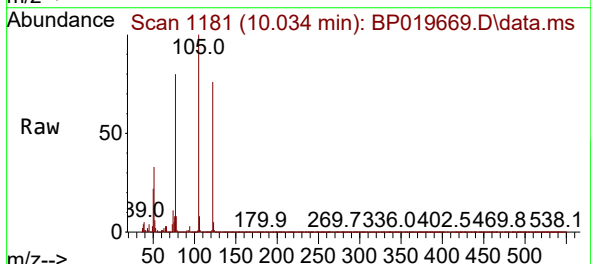
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

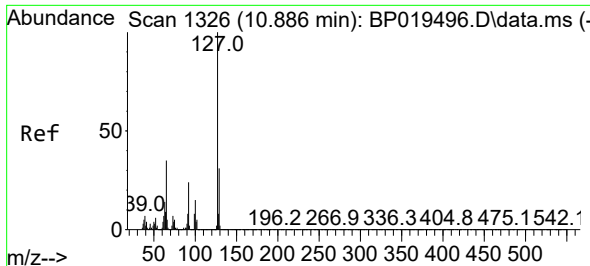
Tgt Ion:128 Resp: 652996
Ion Ratio Lower Upper
128 100
129 11.4 8.6 13.0
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 45.624 ng
RT: 10.034 min Scan# 1181
Delta R.T. -0.011 min
Lab File: BP019669.D
Acq: 12 Feb 2024 18:43

Tgt Ion:122 Resp: 145645
Ion Ratio Lower Upper
122 100
105 131.8 118.8 158.8
77 105.9 91.7 131.7

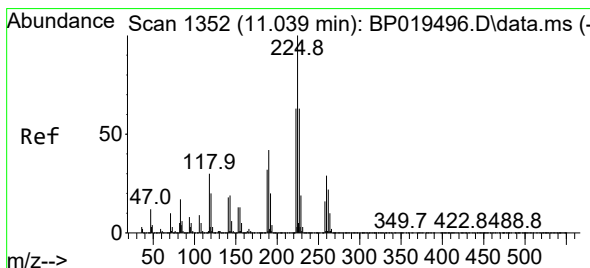
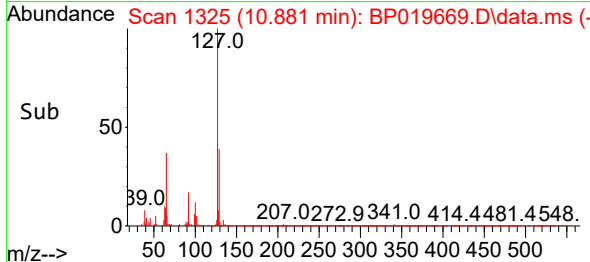
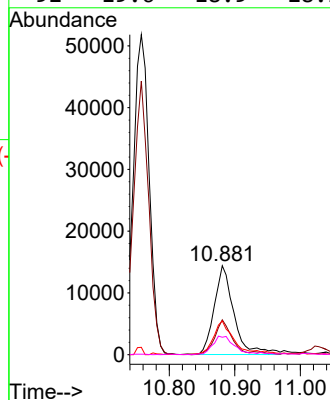
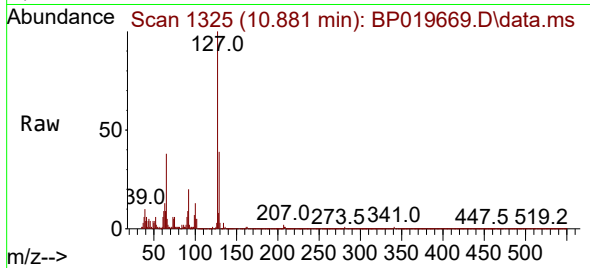




#33
4-Chloroaniline
Concen: 5.125 ng
RT: 10.881 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP019669.D
Acq: 12 Feb 2024 18:43

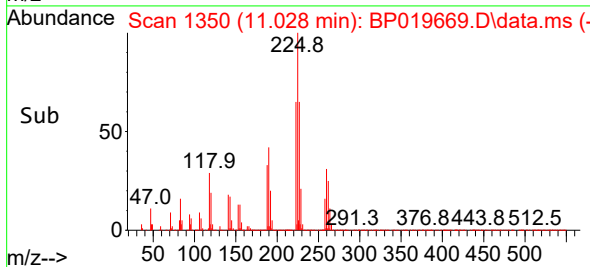
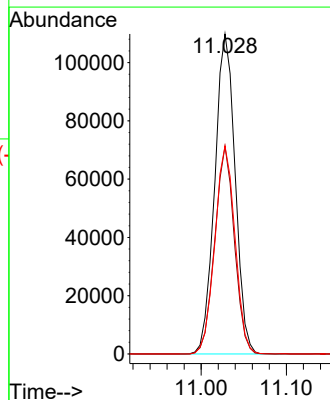
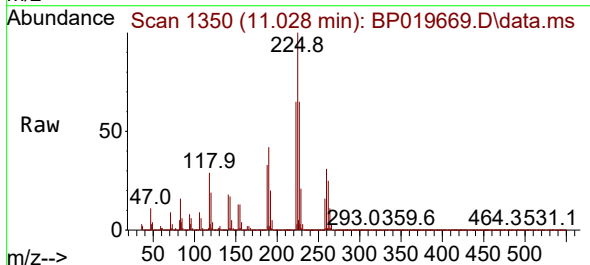
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

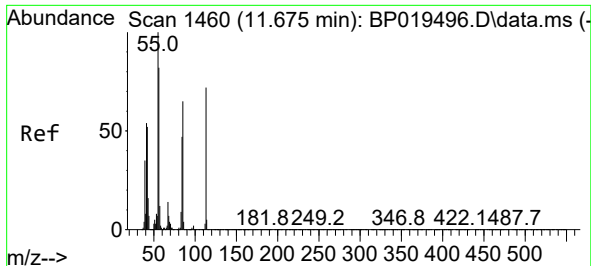
Tgt Ion:	127	Resp:	30064
Ion	Ratio	Lower	Upper
127	100		
129	39.2	24.6	36.8#
65	37.9	28.2	42.4
92	19.6	18.9	28.3



#34
Hexachlorobutadiene
Concen: 40.562 ng
RT: 11.028 min Scan# 1350
Delta R.T. -0.011 min
Lab File: BP019669.D
Acq: 12 Feb 2024 18:43

Tgt Ion:	225	Resp:	182540
Ion	Ratio	Lower	Upper
225	100		
223	64.9	50.5	75.7
227	65.0	50.2	75.2

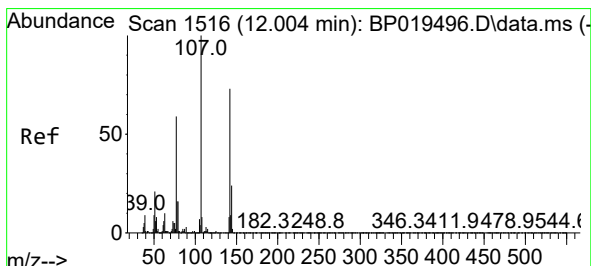
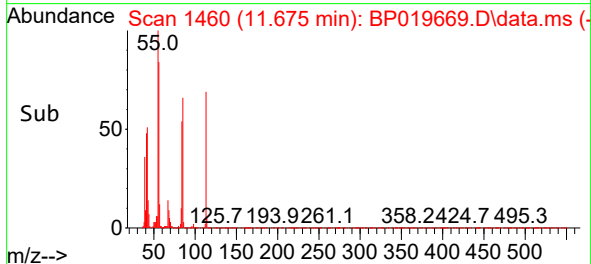
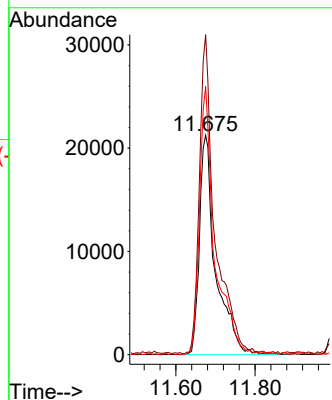
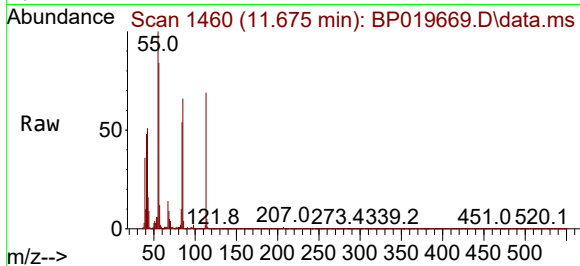




#35
Caprolactam
Concen: 42.788 ng
RT: 11.675 min Scan# 1460
Delta R.T. 0.000 min
Lab File: BP019669.D
Acq: 12 Feb 2024 18:43

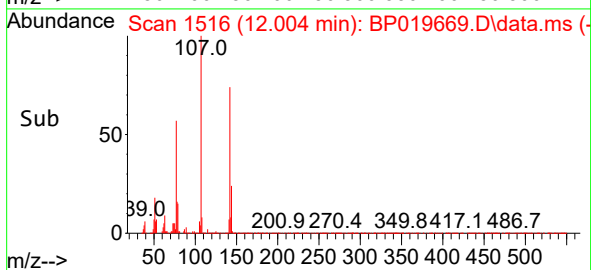
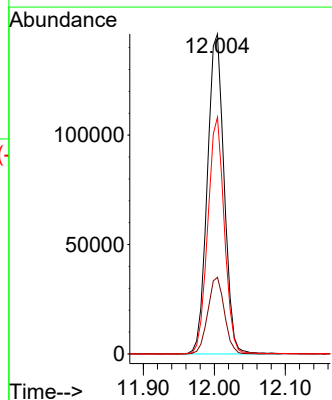
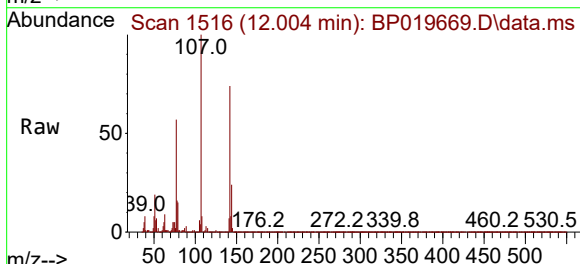
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

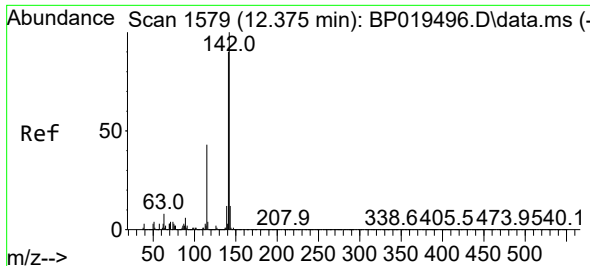
Tgt Ion:113 Resp: 59995
Ion Ratio Lower Upper
113 100
55 145.9 120.0 160.0
56 122.3 94.0 134.0



#36
4-Chloro-3-methylphenol
Concen: 44.558 ng
RT: 12.004 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BP019669.D
Acq: 12 Feb 2024 18:43

Tgt Ion:107 Resp: 240636
Ion Ratio Lower Upper
107 100
144 24.0 19.0 28.4
142 74.0 58.6 88.0

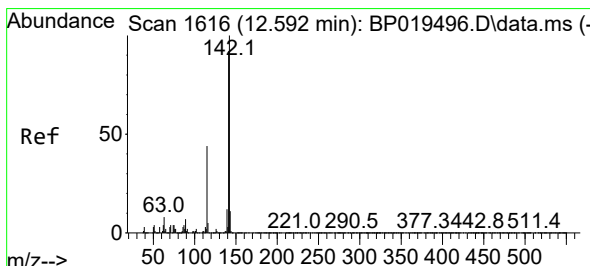
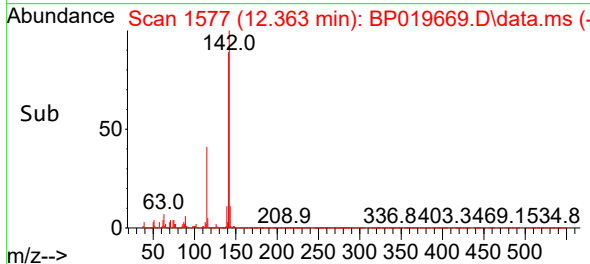
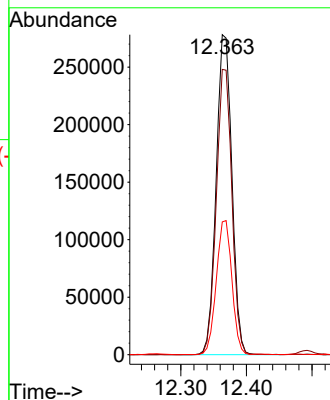
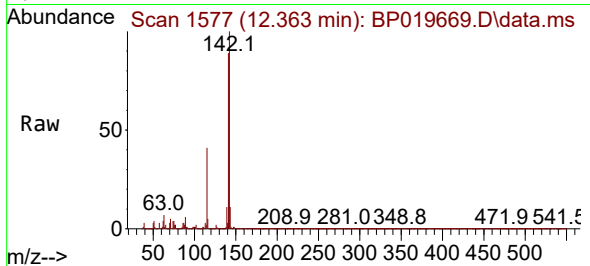




#37
2-Methylnaphthalene
Concen: 42.028 ng
RT: 12.363 min Scan# 11
Delta R.T. -0.011 min
Lab File: BP019669.D
Acq: 12 Feb 2024 18:43

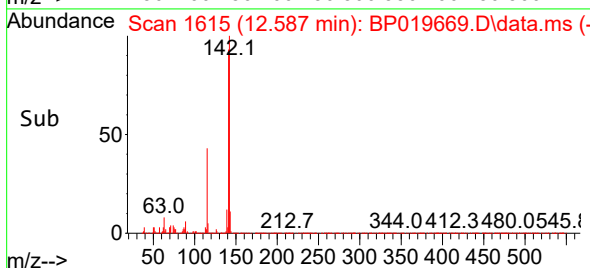
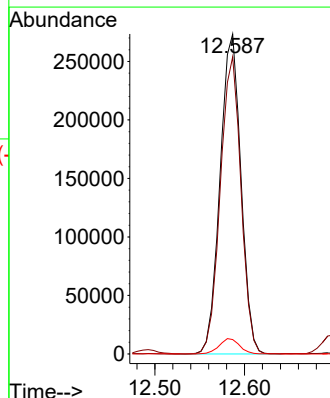
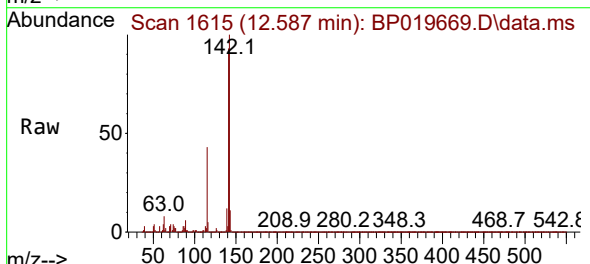
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

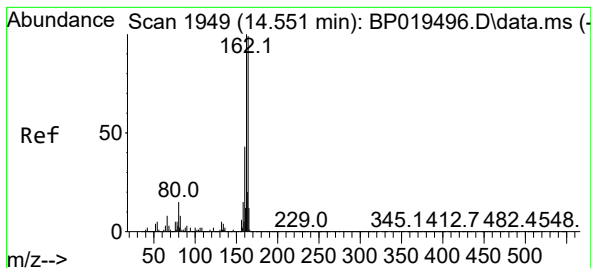
Tgt Ion:142 Resp: 461360
Ion Ratio Lower Upper
142 100
141 89.2 72.2 108.4
115 41.5 34.2 51.2



#38
1-Methylnaphthalene
Concen: 40.821 ng
RT: 12.587 min Scan# 1615
Delta R.T. -0.006 min
Lab File: BP019669.D
Acq: 12 Feb 2024 18:43

Tgt Ion:142 Resp: 440363
Ion Ratio Lower Upper
142 100
141 92.8 74.0 111.0
116 4.5 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: BP019669.D

Acq: 12 Feb 2024 18:43

Instrument :

BNA_P

ClientSampleId :

TP-1MSD

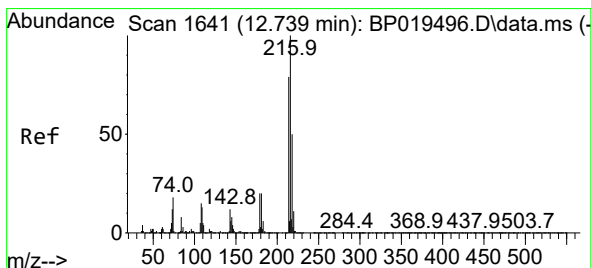
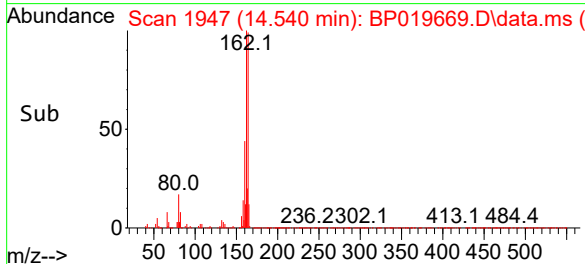
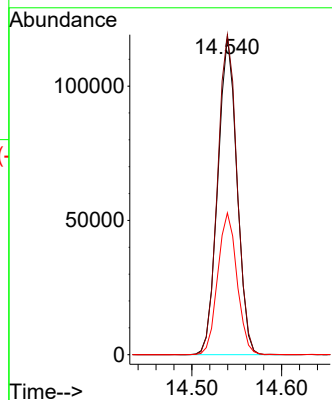
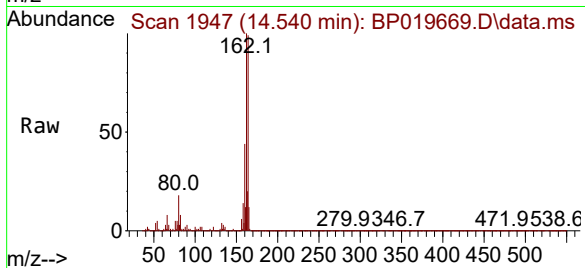
Tgt Ion:164 Resp: 175337

Ion Ratio Lower Upper

164 100

162 100.5 81.2 121.8

160 44.5 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.969 ng

RT: 12.728 min Scan# 1639

Delta R.T. -0.011 min

Lab File: BP019669.D

Acq: 12 Feb 2024 18:43

Tgt Ion:216 Resp: 317607

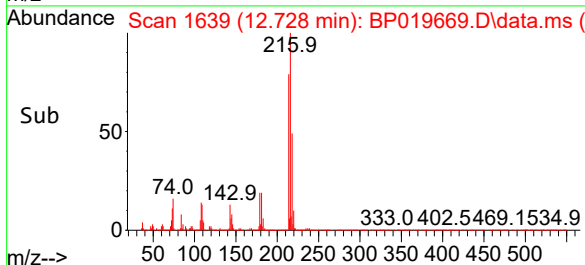
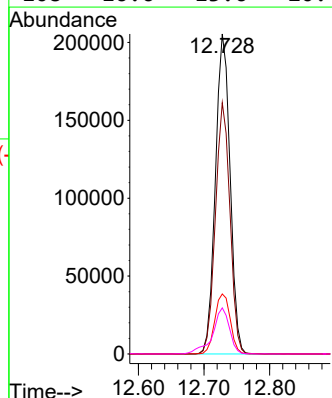
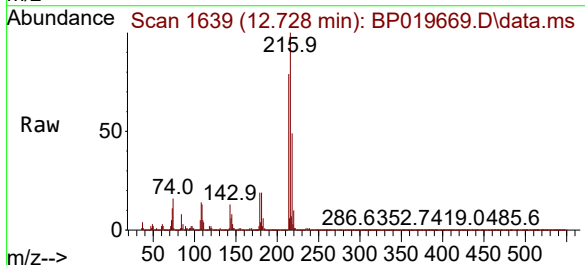
Ion Ratio Lower Upper

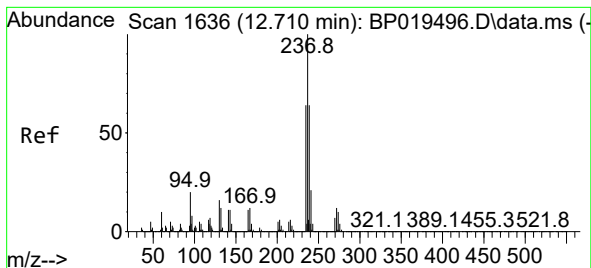
216 100

214 77.8 62.8 94.2

179 19.8 16.6 24.8

108 16.6 13.6 20.4

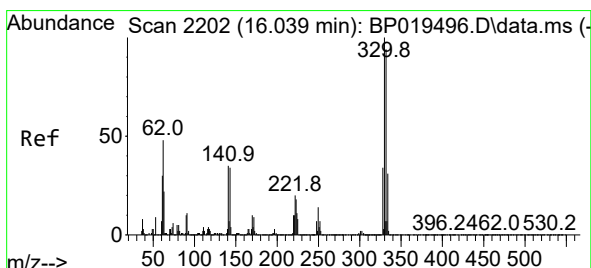
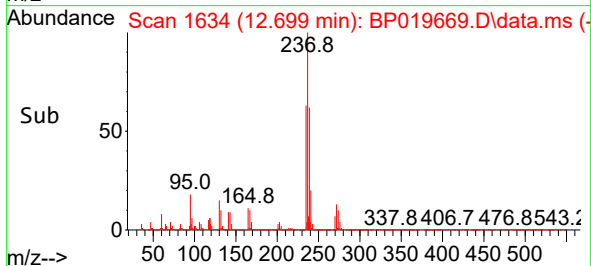
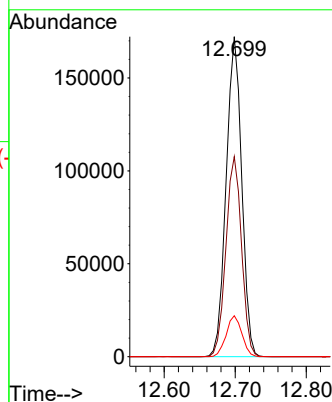
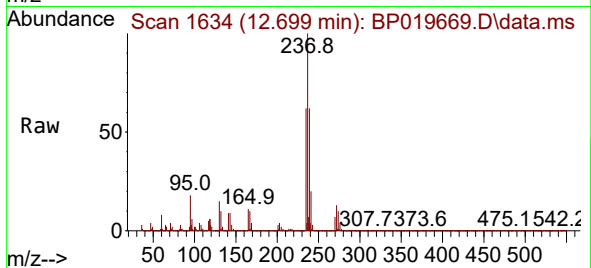




#41
Hexachlorocyclopentadiene
Concen: 85.413 ng
RT: 12.699 min Scan# 1
Delta R.T. -0.011 min
Lab File: BP019669.D
Acq: 12 Feb 2024 18:43

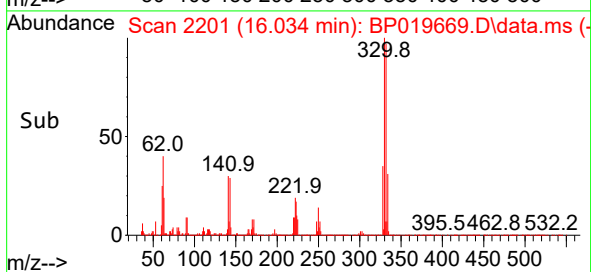
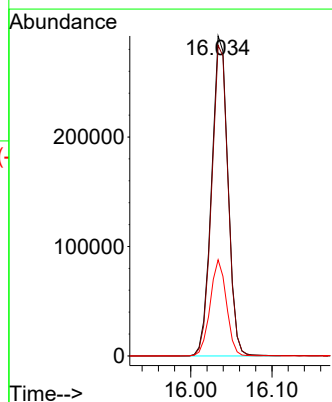
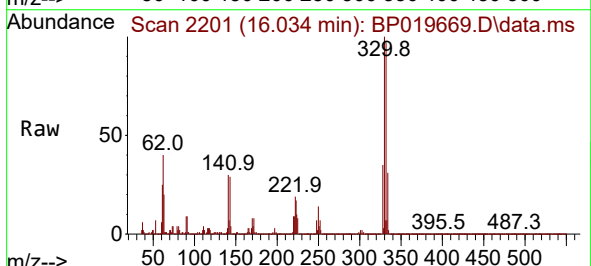
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

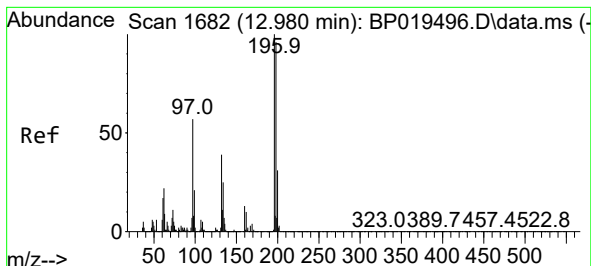
Tgt Ion:237 Resp: 260919
Ion Ratio Lower Upper
237 100
235 62.5 43.7 83.7
272 12.8 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 160.453 ng
RT: 16.034 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BP019669.D
Acq: 12 Feb 2024 18:43

Tgt Ion:330 Resp: 410768
Ion Ratio Lower Upper
330 100
332 97.0 77.2 115.8
141 29.7 27.0 40.4





#43

2,4,6-Trichlorophenol

Concen: 48.912 ng

RT: 12.975 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP019669.D

Acq: 12 Feb 2024 18:43

Instrument :

BNA_P

ClientSampleId :

TP-1MSD

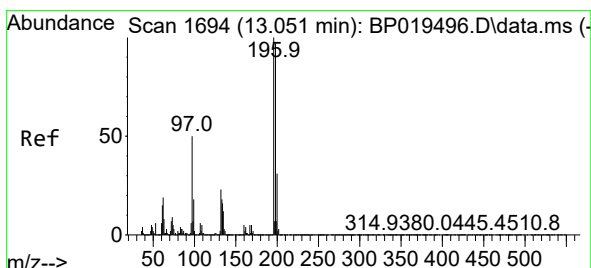
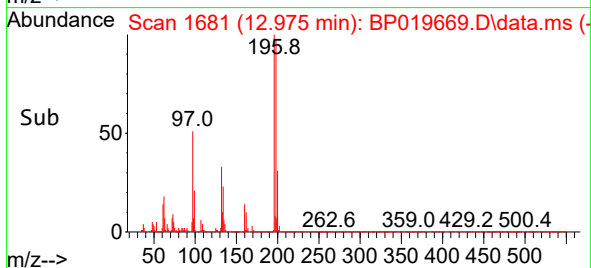
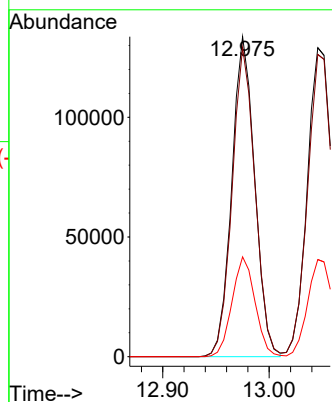
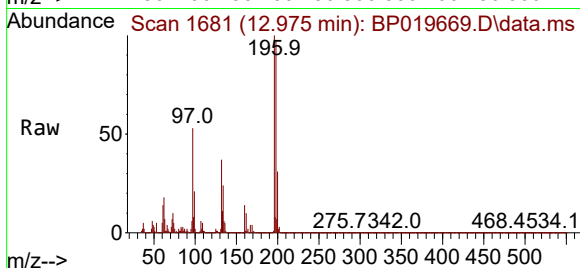
Tgt Ion:196 Resp: 200277

Ion Ratio Lower Upper

196 100

198 96.7 76.7 115.1

200 31.2 24.6 36.8



#44

2,4,5-Trichlorophenol

Concen: 47.659 ng

RT: 13.046 min Scan# 1693

Delta R.T. -0.006 min

Lab File: BP019669.D

Acq: 12 Feb 2024 18:43

Tgt Ion:196 Resp: 214285

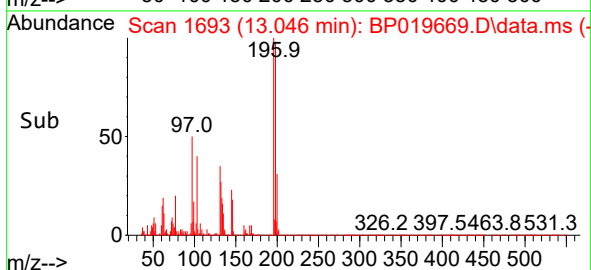
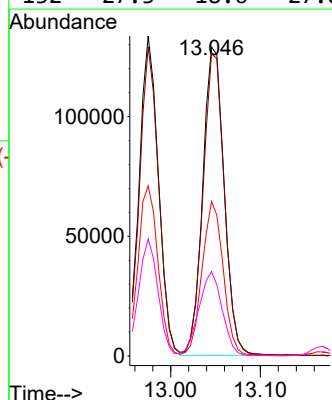
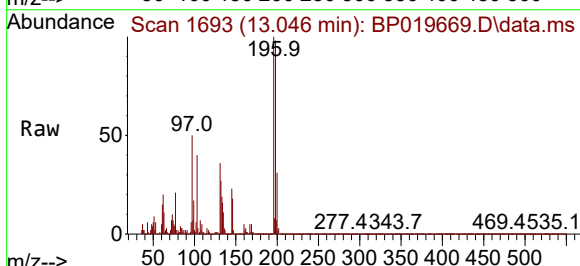
Ion Ratio Lower Upper

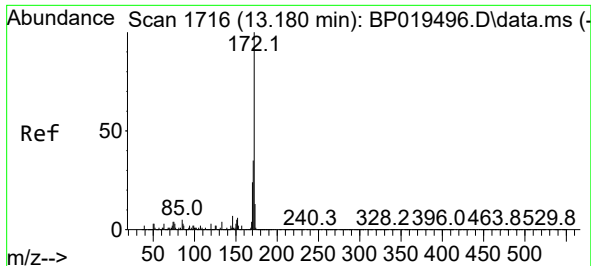
196 100

198 97.8 77.5 116.3

97 50.0 39.9 59.9

132 27.3 18.6 27.8

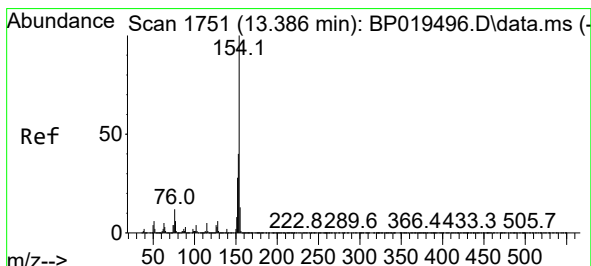
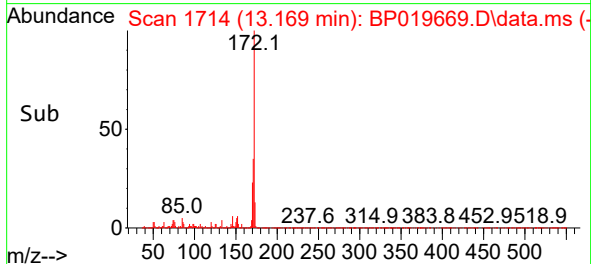
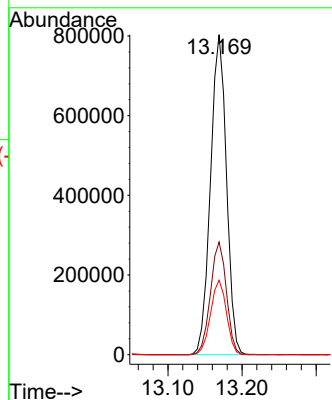
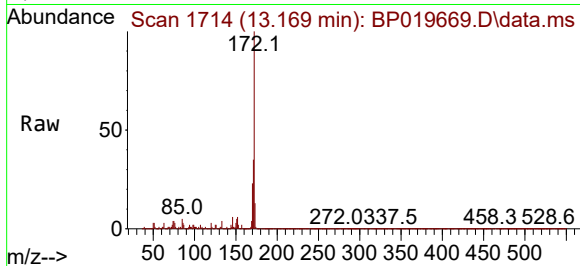




#45
2-Fluorobiphenyl
Concen: 84.639 ng
RT: 13.169 min Scan# 1714
Delta R.T. -0.011 min
Lab File: BP019669.D
Acq: 12 Feb 2024 18:43

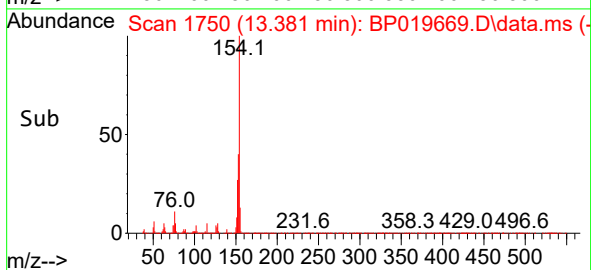
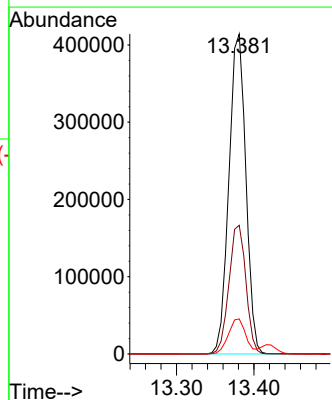
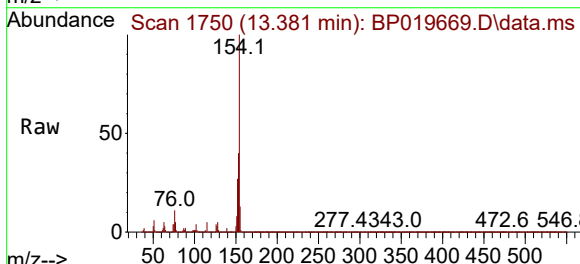
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

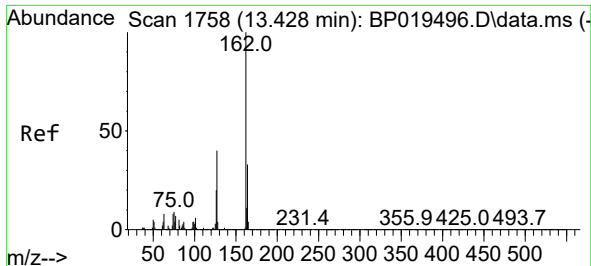
Tgt Ion:172 Resp: 1200452
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.4
170 23.3 18.9 28.3



#46
1,1'-Biphenyl
Concen: 45.026 ng
RT: 13.381 min Scan# 1750
Delta R.T. -0.006 min
Lab File: BP019669.D
Acq: 12 Feb 2024 18:43

Tgt Ion:154 Resp: 630104
Ion Ratio Lower Upper
154 100
153 40.2 20.2 60.2
76 11.0 0.0 31.6

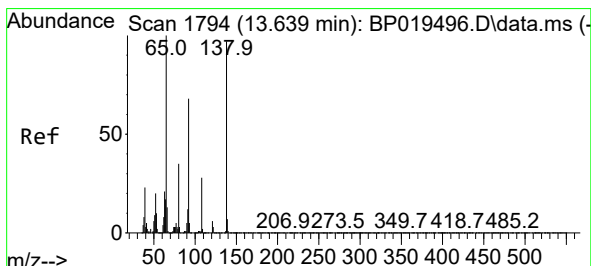
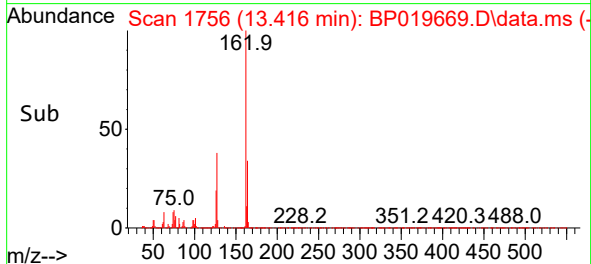
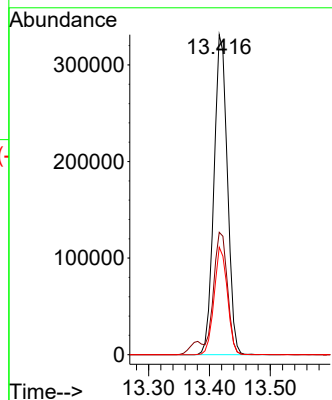
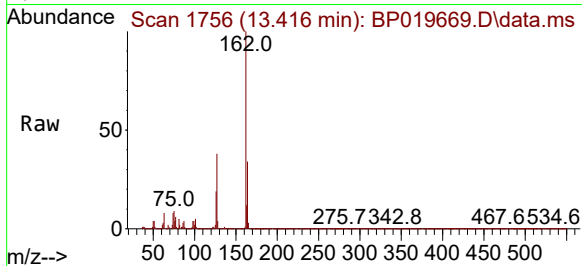




#47
2-Chloronaphthalene
Concen: 44.181 ng
RT: 13.416 min Scan# 1756
Delta R.T. -0.011 min
Lab File: BP019669.D
Acq: 12 Feb 2024 18:43

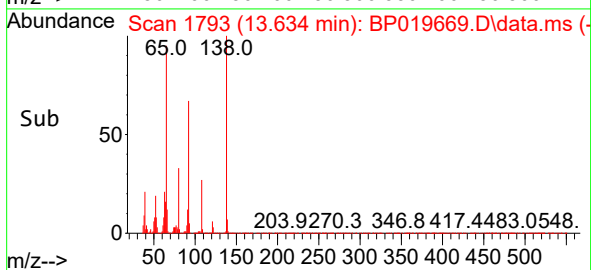
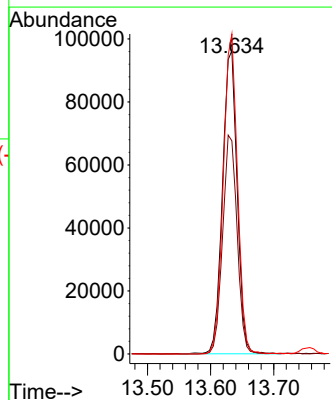
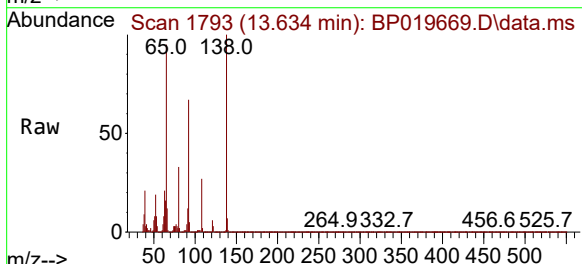
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

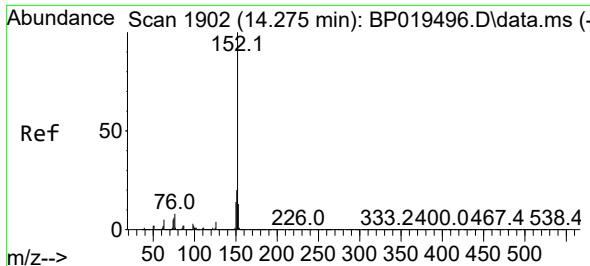
Tgt Ion:162 Resp: 507542
Ion Ratio Lower Upper
162 100
127 38.2 32.1 48.1
164 33.6 26.7 40.1



#48
2-Nitroaniline
Concen: 48.435 ng
RT: 13.634 min Scan# 1793
Delta R.T. -0.006 min
Lab File: BP019669.D
Acq: 12 Feb 2024 18:43

Tgt Ion: 65 Resp: 155583
Ion Ratio Lower Upper
65 100
92 70.3 54.7 82.1
138 105.5 77.8 116.6

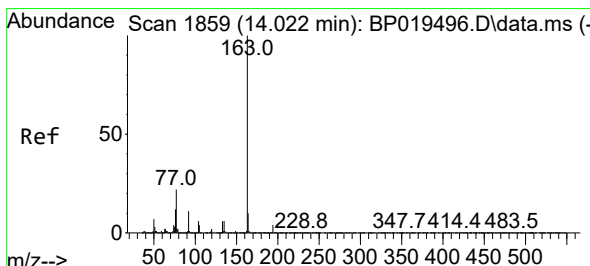
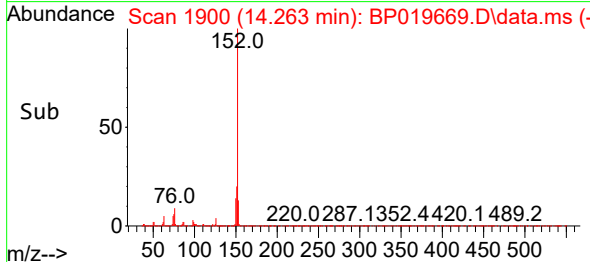
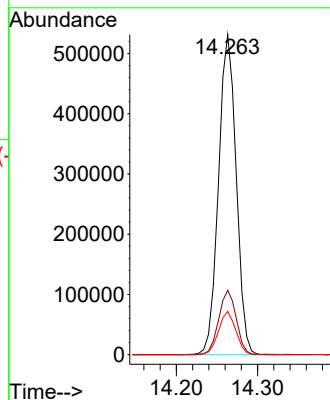
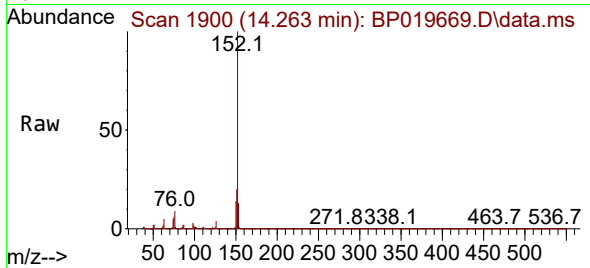




#49
Acenaphthylene
Concen: 49.960 ng
RT: 14.263 min Scan# 1900
Delta R.T. -0.011 min
Lab File: BP019669.D
Acq: 12 Feb 2024 18:43

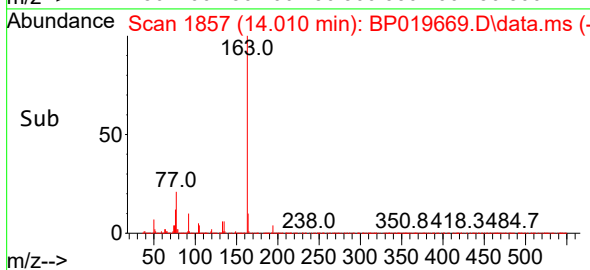
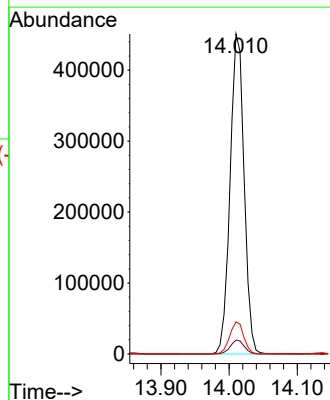
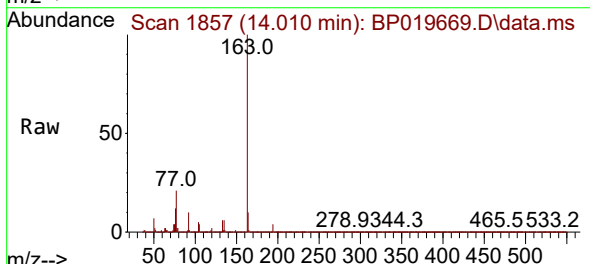
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

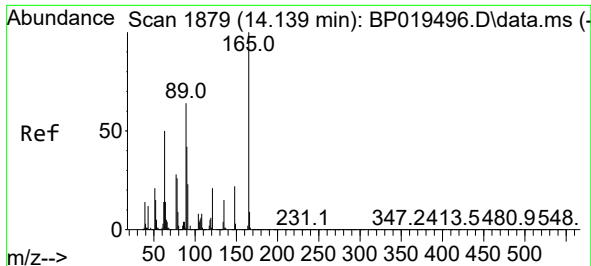
Tgt Ion:152 Resp: 805198
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.6
153 13.5 10.6 15.8



#50
Dimethylphthalate
Concen: 48.034 ng
RT: 14.010 min Scan# 1857
Delta R.T. -0.011 min
Lab File: BP019669.D
Acq: 12 Feb 2024 18:43

Tgt Ion:163 Resp: 644737
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.0 7.8 11.6

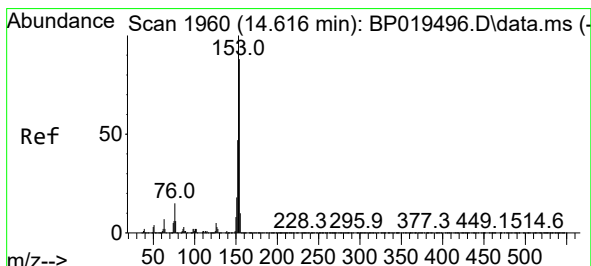
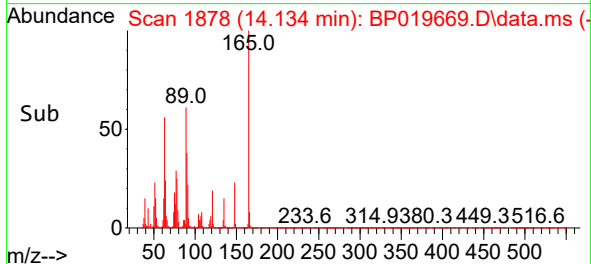
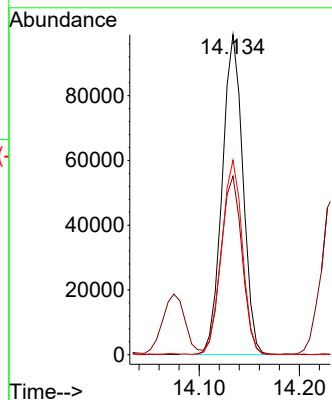
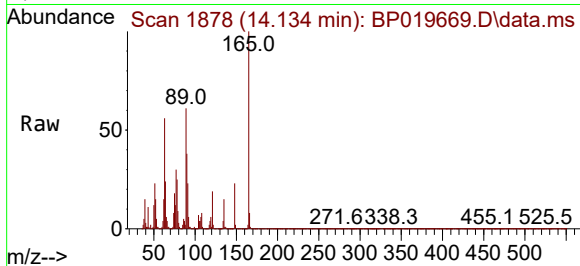




#51
2,6-Dinitrotoluene
Concen: 47.831 ng
RT: 14.134 min Scan# 1879
Delta R.T. -0.006 min
Lab File: BP019669.D
Acq: 12 Feb 2024 18:43

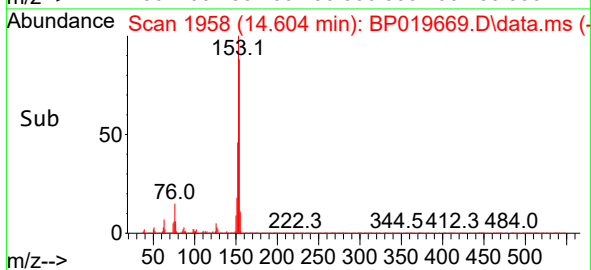
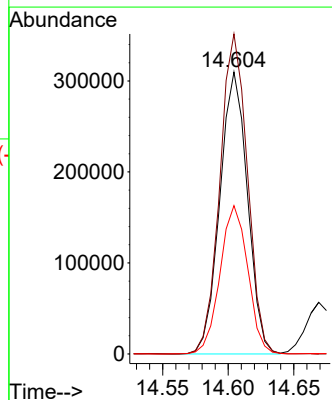
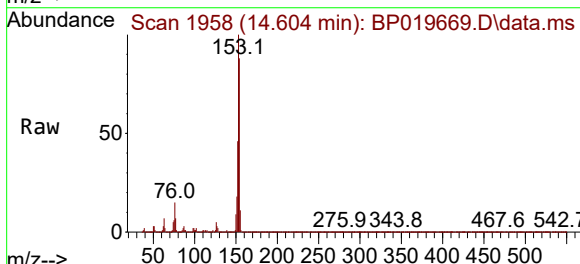
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

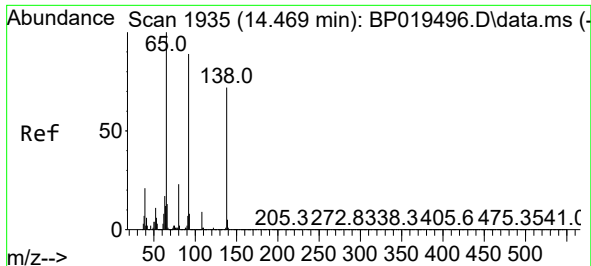
Tgt Ion:165 Resp: 141054
Ion Ratio Lower Upper
165 100
63 55.8 50.4 75.6
89 60.8 51.7 77.5



#52
Acenaphthene
Concen: 45.329 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.011 min
Lab File: BP019669.D
Acq: 12 Feb 2024 18:43

Tgt Ion:154 Resp: 453418
Ion Ratio Lower Upper
154 100
153 113.5 90.5 135.7
152 52.6 42.1 63.1

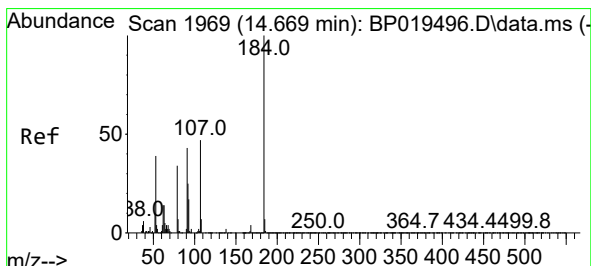
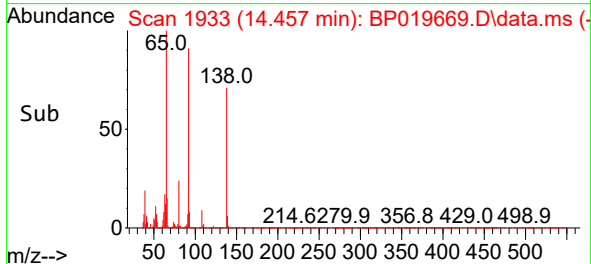
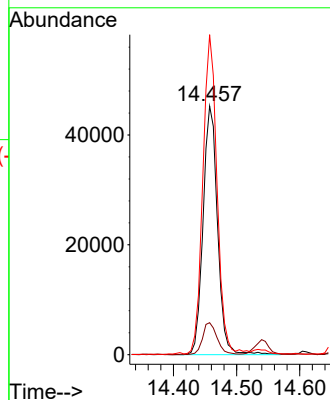
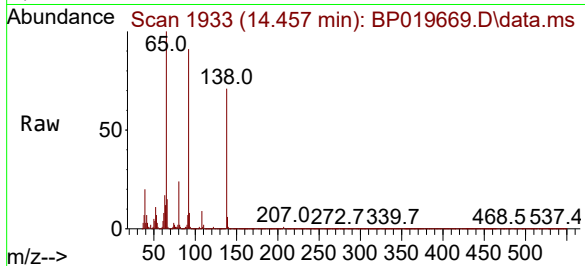




#53
3-Nitroaniline
Concen: 26.630 ng
RT: 14.457 min Scan# 1933
Delta R.T. -0.011 min
Lab File: BP019669.D
Acq: 12 Feb 2024 18:43

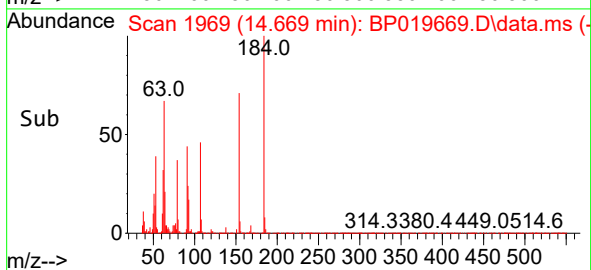
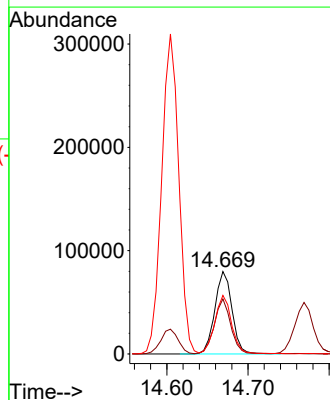
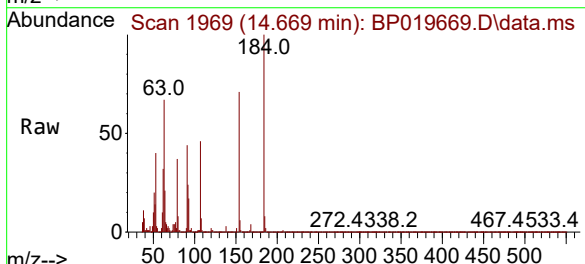
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

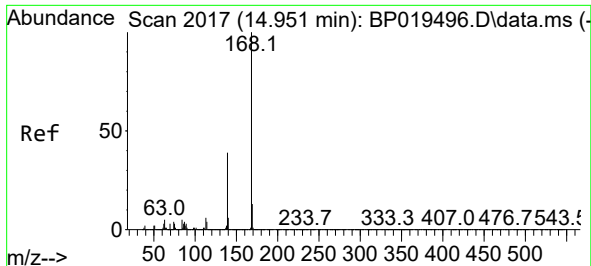
Tgt Ion:138 Resp: 72171
Ion Ratio Lower Upper
138 100
108 12.9 9.7 14.5
92 128.7 98.0 147.0



#54
2,4-Dinitrophenol
Concen: 76.660 ng
RT: 14.669 min Scan# 1969
Delta R.T. 0.000 min
Lab File: BP019669.D
Acq: 12 Feb 2024 18:43

Tgt Ion:184 Resp: 117380
Ion Ratio Lower Upper
184 100
63 66.8 50.5 75.7
154 71.1 53.4 80.0

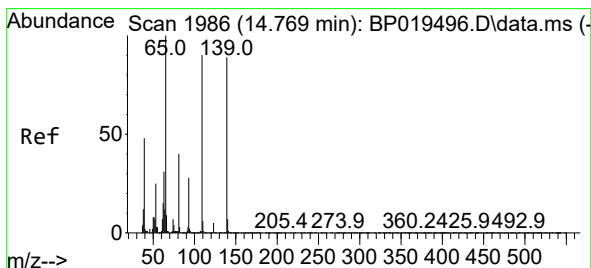
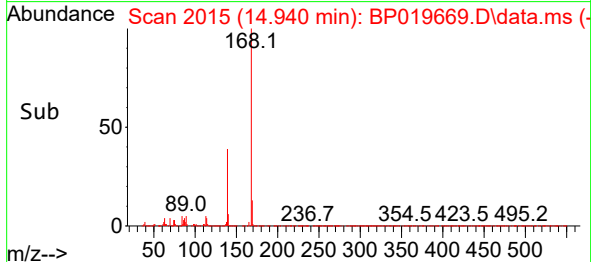
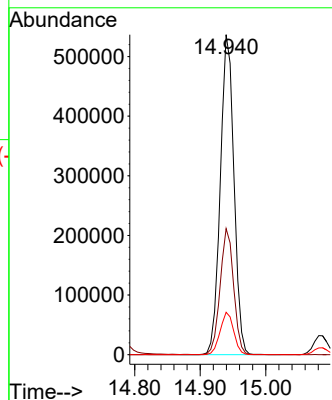
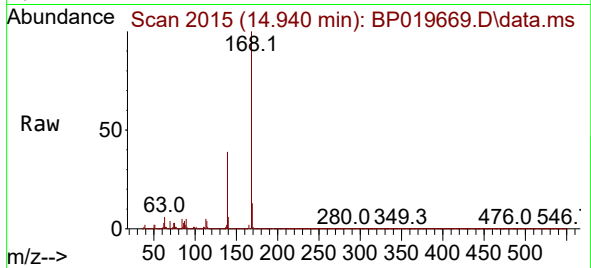




#55
Dibenzenofuran
Concen: 47.324 ng
RT: 14.940 min Scan# 2017
Delta R.T. -0.011 min
Lab File: BP019669.D
Acq: 12 Feb 2024 18:43

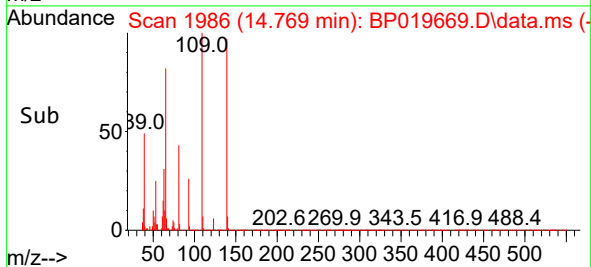
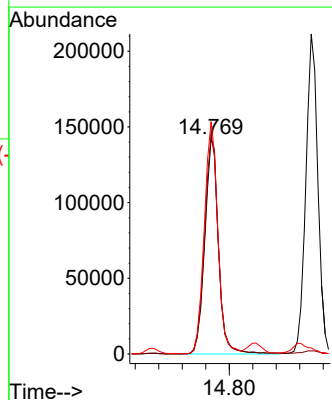
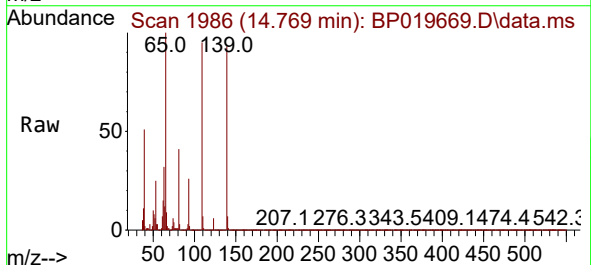
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

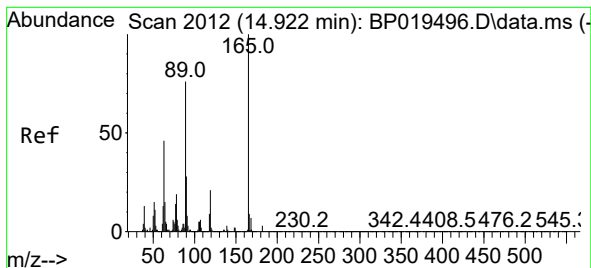
Tgt Ion:168 Resp: 770986
Ion Ratio Lower Upper
168 100
139 39.4 31.5 47.3
169 13.3 10.3 15.5



#56
4-Nitrophenol
Concen: 103.494 ng
RT: 14.769 min Scan# 1986
Delta R.T. 0.000 min
Lab File: BP019669.D
Acq: 12 Feb 2024 18:43

Tgt Ion:139 Resp: 229897
Ion Ratio Lower Upper
139 100
109 102.1 82.0 122.0
65 107.9 92.9 132.9

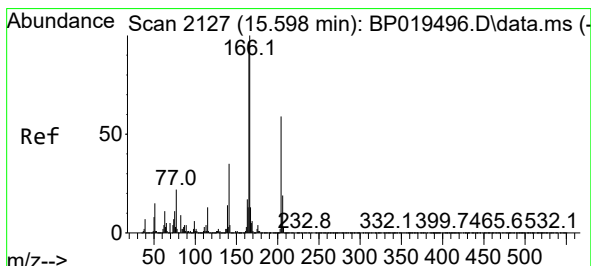
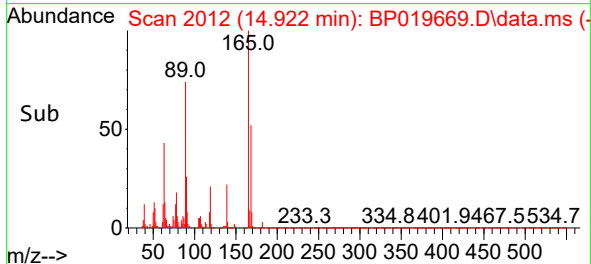
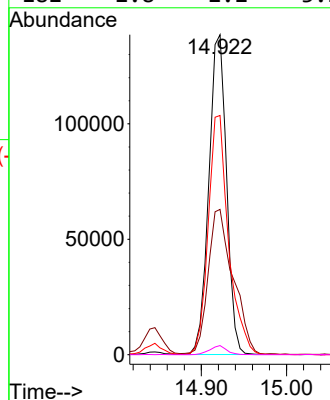
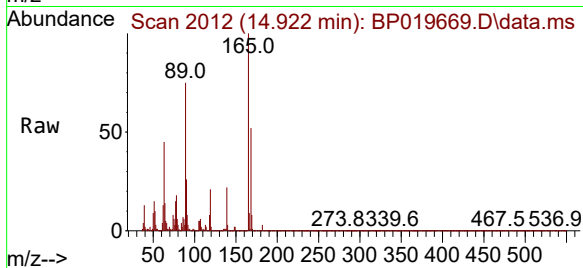




#57
2,4-Dinitrotoluene
Concen: 51.856 ng
RT: 14.922 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BP019669.D
Acq: 12 Feb 2024 18:43

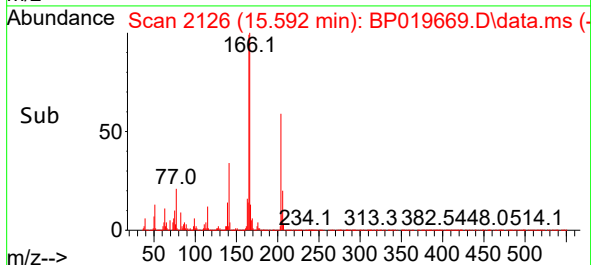
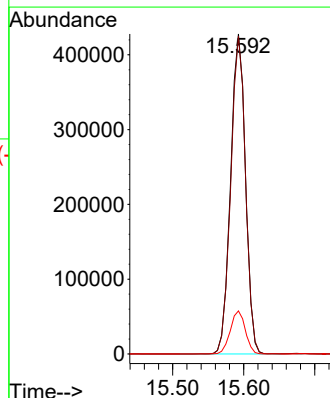
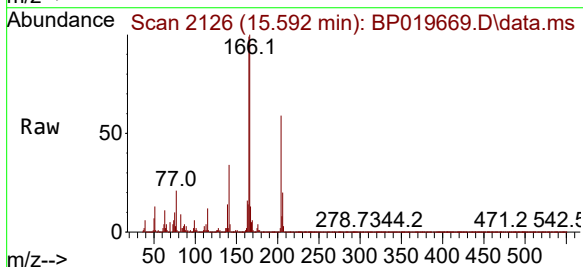
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

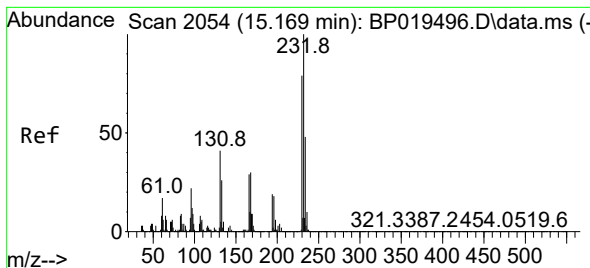
Tgt Ion:165 Resp: 200399
Ion Ratio Lower Upper
165 100
63 45.4 36.9 55.3
89 74.8 61.1 91.7
182 2.8 2.2 3.2



#58
Fluorene
Concen: 47.996 ng
RT: 15.592 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BP019669.D
Acq: 12 Feb 2024 18:43

Tgt Ion:166 Resp: 622794
Ion Ratio Lower Upper
166 100
165 99.3 77.8 116.8
167 13.4 10.7 16.1



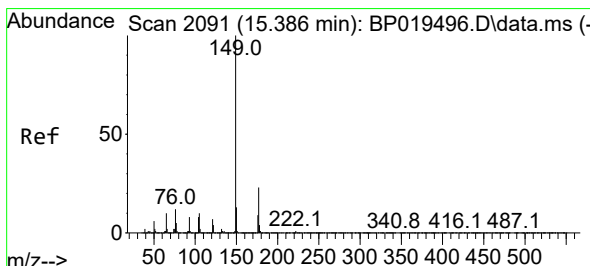
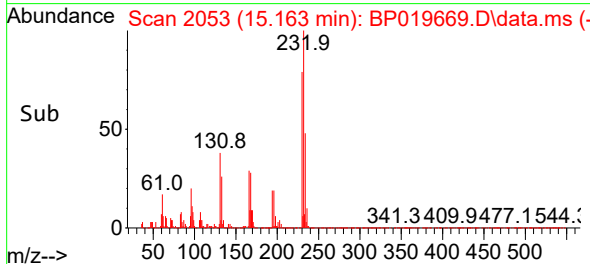
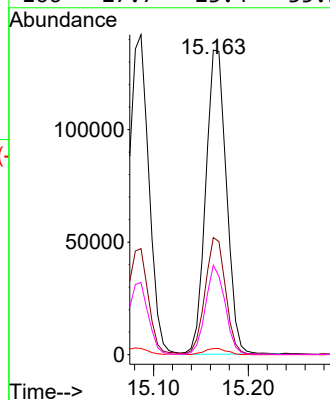
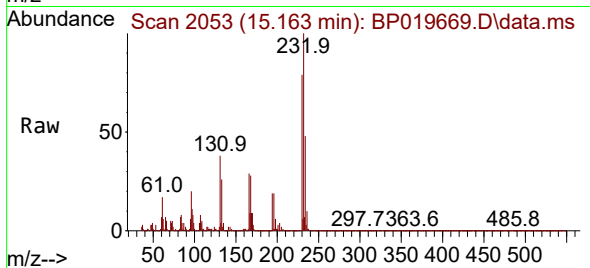


#59
2,3,4,6-Tetrachlorophenol
Concen: 54.137 ng
RT: 15.163 min Scan# 2054
Delta R.T. -0.006 min
Lab File: BP019669.D
Acq: 12 Feb 2024 18:43

Instrument :
BNA_P
ClientSampleId :
TP-1MSD

Tgt Ion:232 Resp: 204743

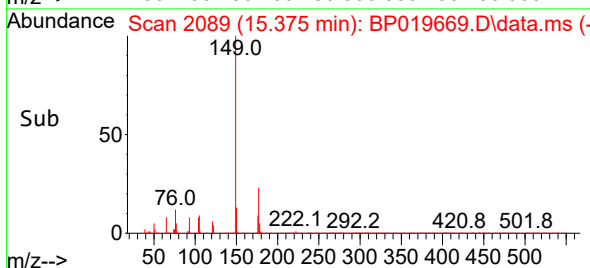
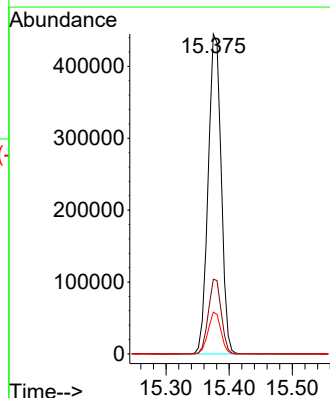
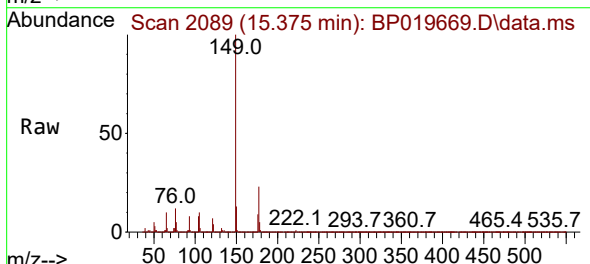
Ion	Ratio	Lower	Upper
232	100		
131	38.0	32.4	48.6
130	2.3	1.9	2.9
166	27.7	23.4	35.2

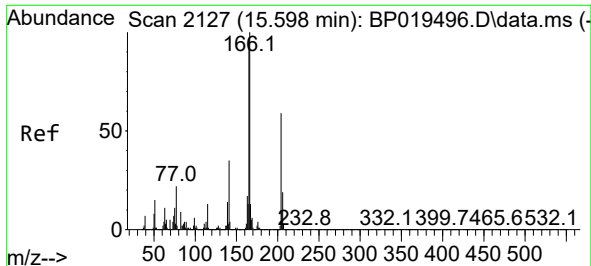


#60
Diethylphthalate
Concen: 47.633 ng
RT: 15.375 min Scan# 2089
Delta R.T. -0.011 min
Lab File: BP019669.D
Acq: 12 Feb 2024 18:43

Tgt Ion:149 Resp: 635943

Ion	Ratio	Lower	Upper
149	100		
177	23.4	18.2	27.2
150	13.1	10.2	15.4

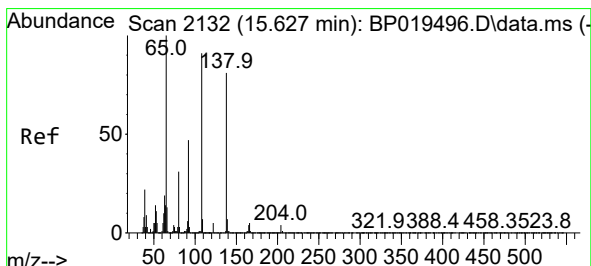
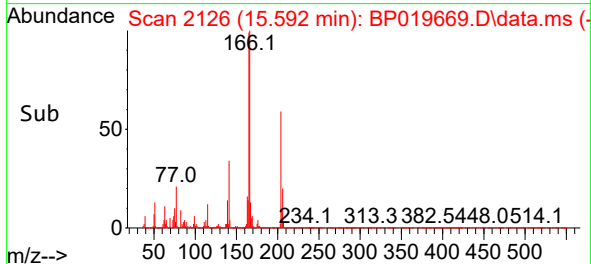
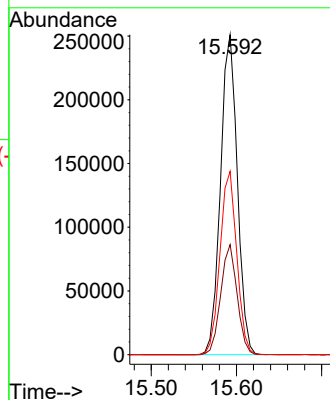
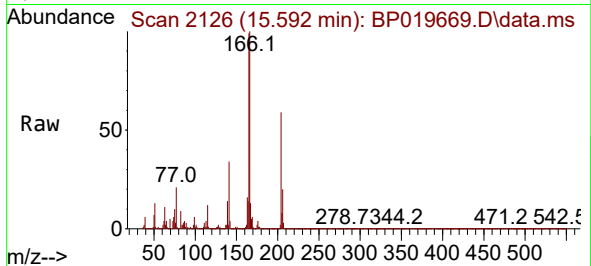




#61
4-Chlorophenyl-phenylether
Concen: 47.293 ng
RT: 15.592 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BP019669.D
Acq: 12 Feb 2024 18:43

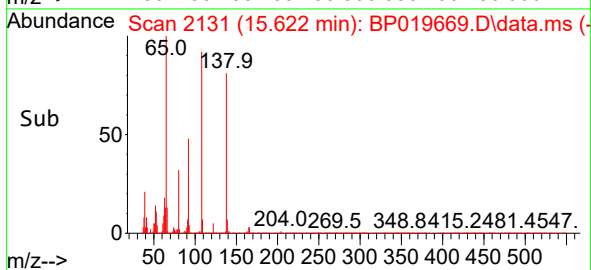
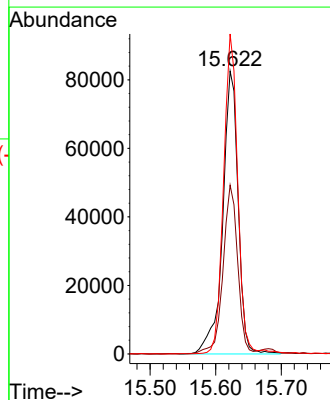
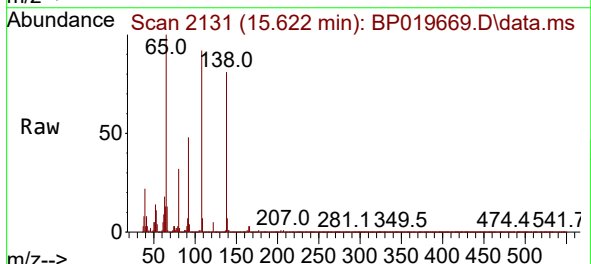
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

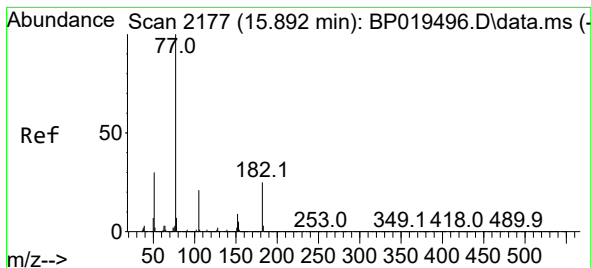
Tgt Ion:204 Resp: 344914
Ion Ratio Lower Upper
204 100
206 34.4 26.5 39.7
141 57.3 48.5 72.7



#62
4-Nitroaniline
Concen: 47.515 ng
RT: 15.622 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP019669.D
Acq: 12 Feb 2024 18:43

Tgt Ion:138 Resp: 134979
Ion Ratio Lower Upper
138 100
92 59.6 38.3 78.3
108 113.1 91.2 131.2

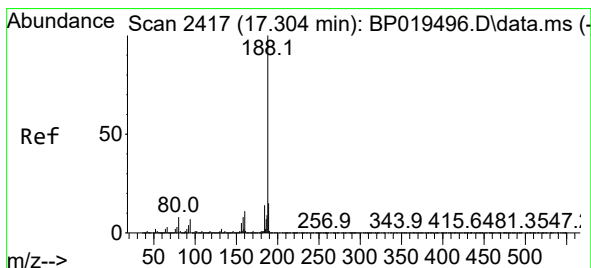
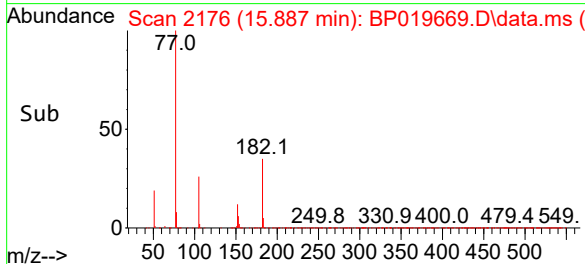
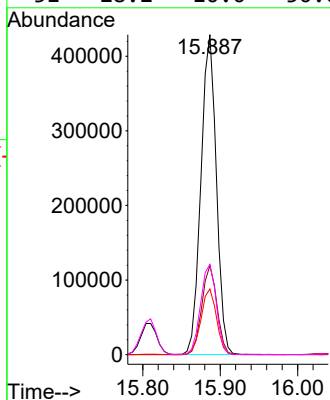
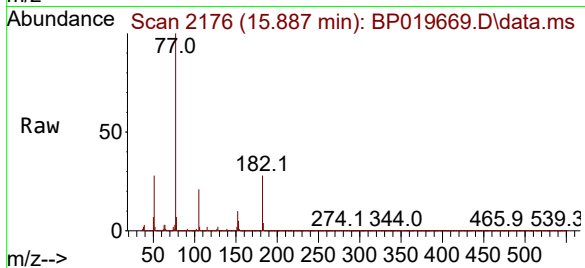




#63
Azobenzene
Concen: 45.842 ng
RT: 15.887 min Scan# 2176
Delta R.T. -0.006 min
Lab File: BP019669.D
Acq: 12 Feb 2024 18:43

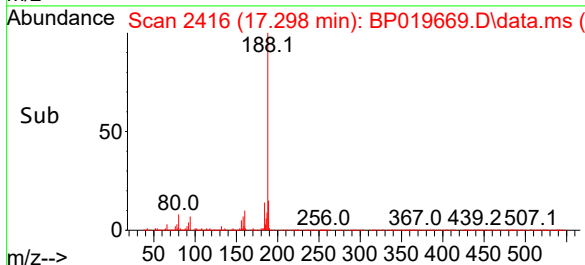
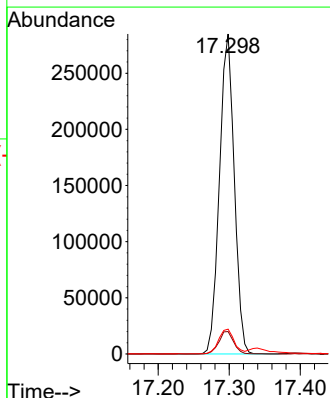
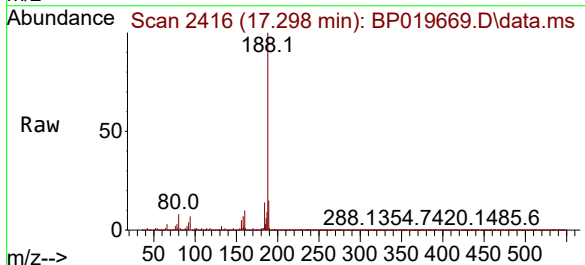
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

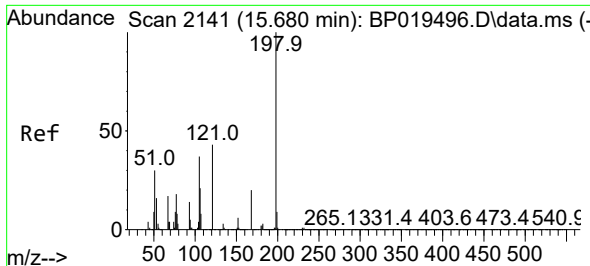
Tgt Ion:	77	Resp:	591833
Ion	Ratio	Lower	Upper
77	100		
182	27.8	5.1	45.1
105	20.5	0.8	40.8
51	28.2	10.0	50.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.298 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP019669.D
Acq: 12 Feb 2024 18:43

Tgt Ion:	188	Resp:	410959
Ion	Ratio	Lower	Upper
188	100		
94	7.0	5.4	8.2
80	7.8	6.3	9.5

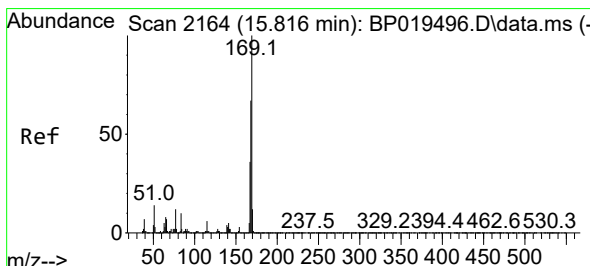
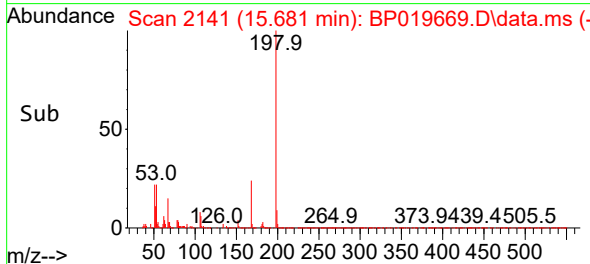
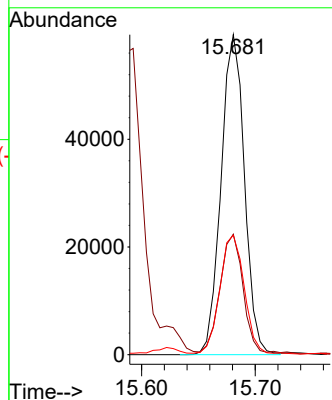
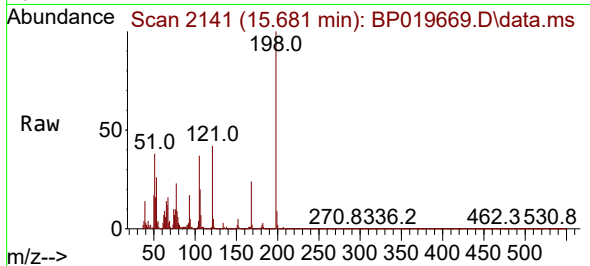




#65
4,6-Dinitro-2-methylphenol
Concen: 36.353 ng
RT: 15.681 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BP019669.D
Acq: 12 Feb 2024 18:43

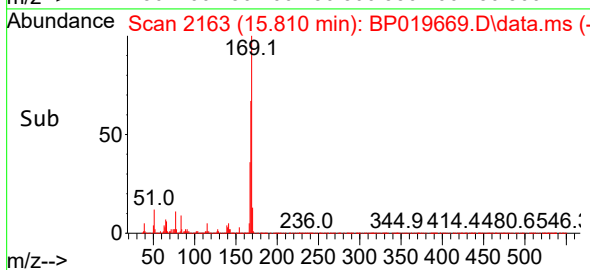
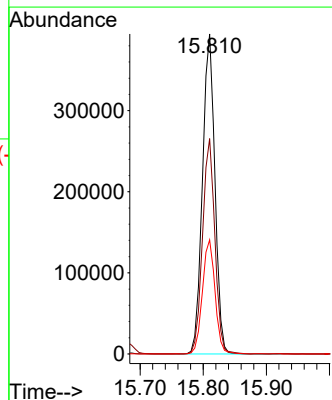
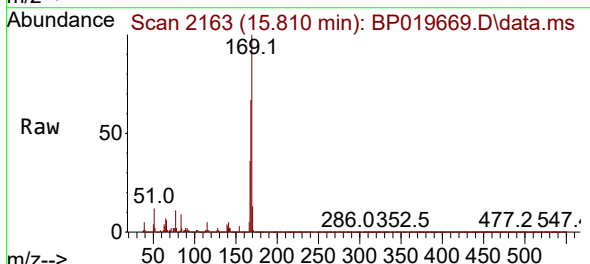
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

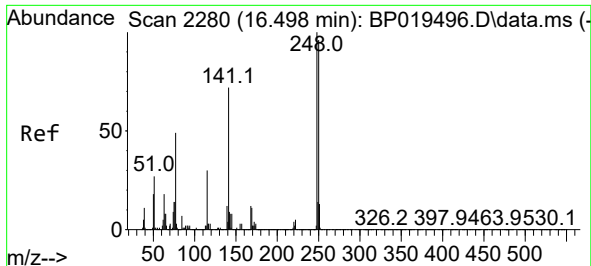
Tgt Ion:198 Resp: 85186
Ion Ratio Lower Upper
198 100
51 37.7 21.2 61.2
105 37.4 19.1 59.1



#66
n-Nitrosodiphenylamine
Concen: 43.889 ng
RT: 15.810 min Scan# 2163
Delta R.T. -0.006 min
Lab File: BP019669.D
Acq: 12 Feb 2024 18:43

Tgt Ion:169 Resp: 540173
Ion Ratio Lower Upper
169 100
168 67.3 53.4 80.2
167 35.6 28.9 43.3

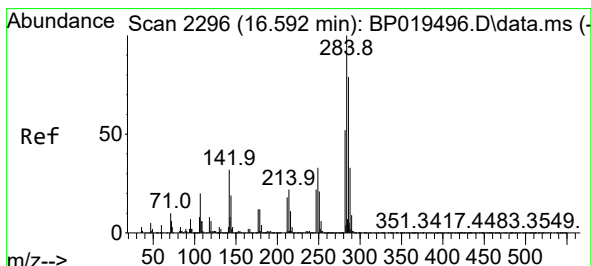
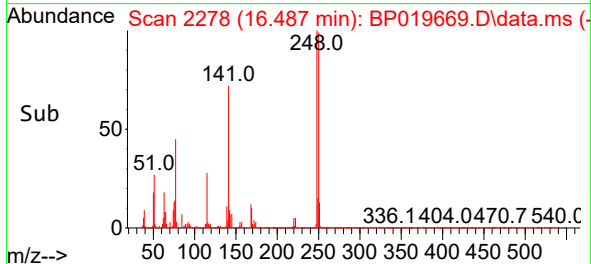
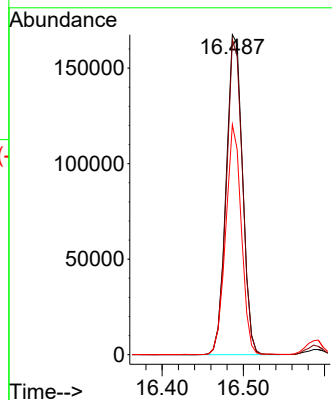
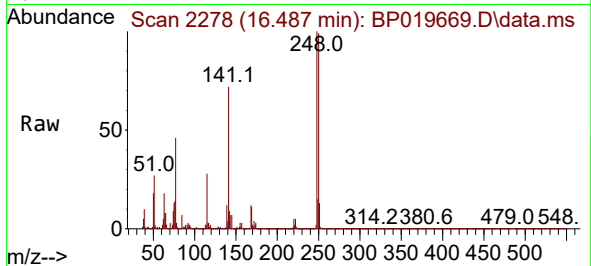




#67
4-Bromophenyl-phenylether
Concen: 45.716 ng
RT: 16.487 min Scan# 2278
Delta R.T. -0.011 min
Lab File: BP019669.D
Acq: 12 Feb 2024 18:43

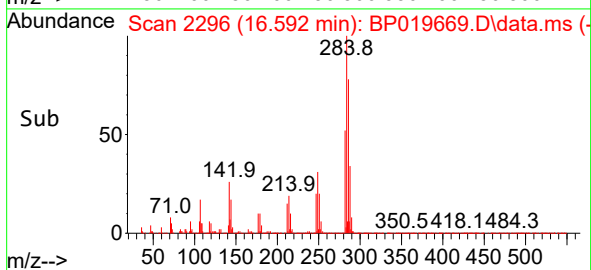
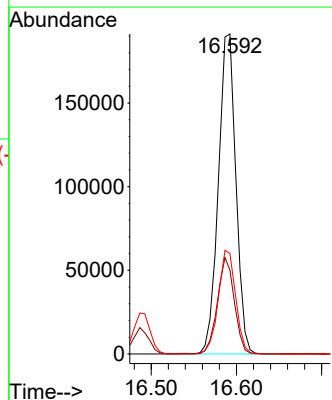
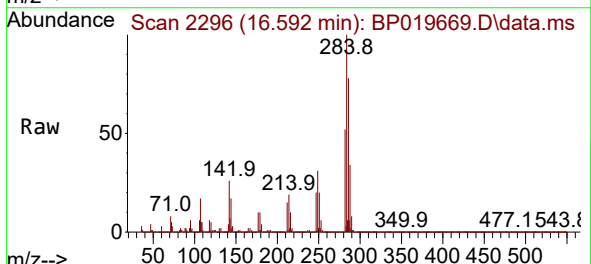
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

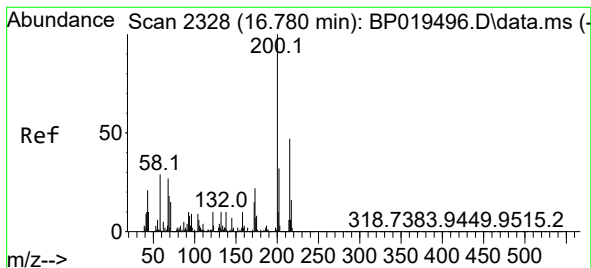
Tgt Ion:248 Resp: 234863
Ion Ratio Lower Upper
248 100
250 98.5 76.9 115.3
141 71.9 58.0 87.0



#68
Hexachlorobenzene
Concen: 45.623 ng
RT: 16.592 min Scan# 2296
Delta R.T. 0.000 min
Lab File: BP019669.D
Acq: 12 Feb 2024 18:43

Tgt Ion:284 Resp: 273714
Ion Ratio Lower Upper
284 100
142 26.1 25.4 38.2
249 31.4 26.5 39.7





#69

Atrazine

Concen: 53.930 ng

RT: 16.775 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019669.D

Acq: 12 Feb 2024 18:43

Instrument :

BNA_P

ClientSampleId :

TP-1MSD

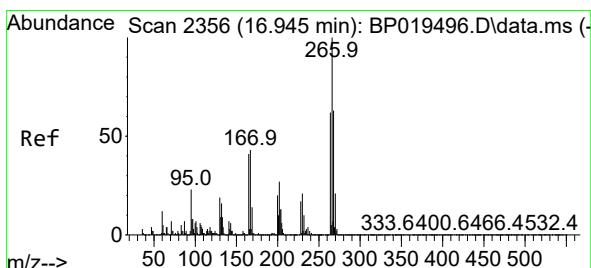
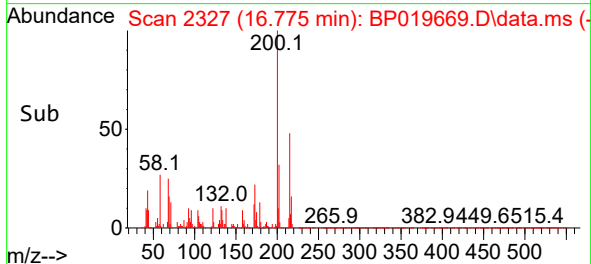
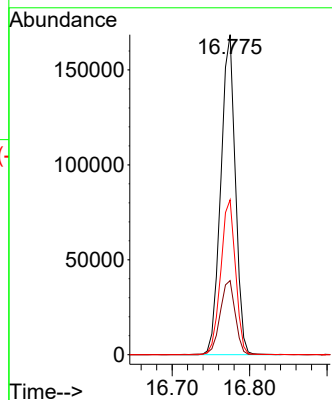
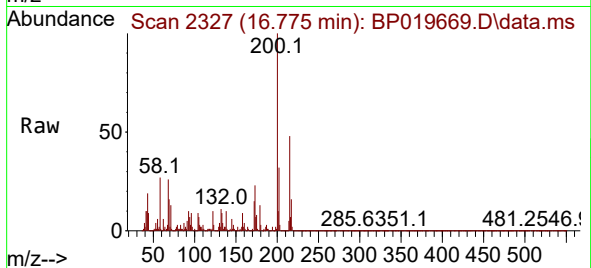
Tgt Ion:200 Resp: 220257

Ion Ratio Lower Upper

200 100

173 23.2 1.7 41.7

215 48.4 26.9 66.9



#70

Pentachlorophenol

Concen: 103.757 ng

RT: 16.939 min Scan# 2355

Delta R.T. -0.006 min

Lab File: BP019669.D

Acq: 12 Feb 2024 18:43

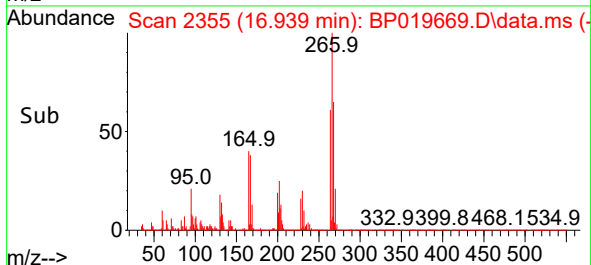
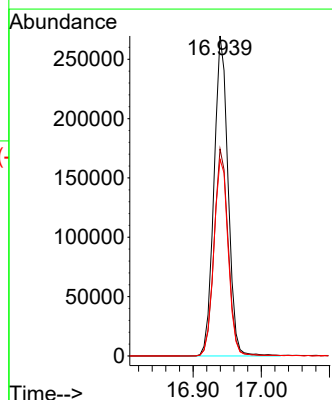
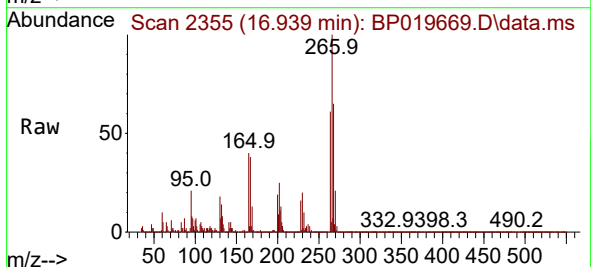
Tgt Ion:266 Resp: 387646

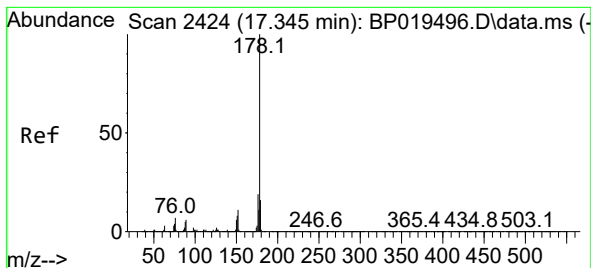
Ion Ratio Lower Upper

266 100

268 64.7 50.3 75.5

264 61.4 49.7 74.5





#71

Phenanthrene

Concen: 47.804 ng

RT: 17.339 min Scan# 2423

Delta R.T. -0.006 min

Lab File: BP019669.D

Acq: 12 Feb 2024 18:43

Instrument :

BNA_P

ClientSampleId :

TP-1MSD

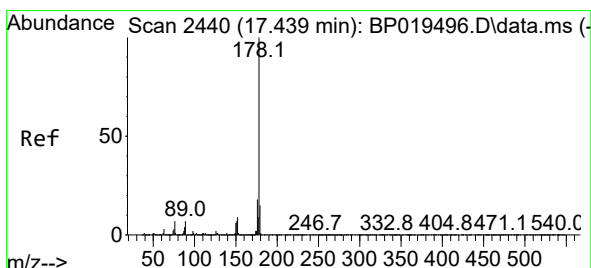
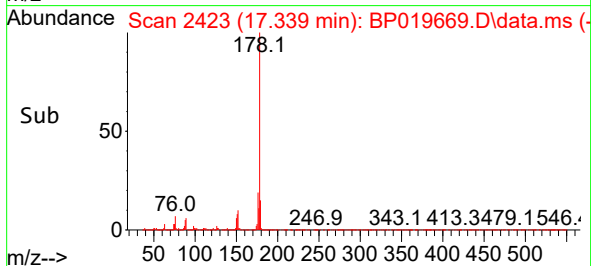
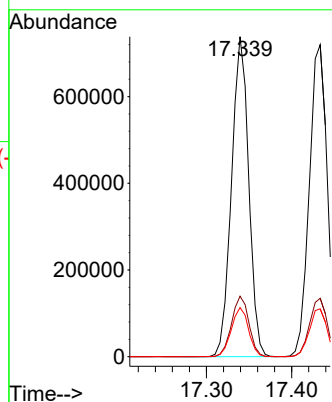
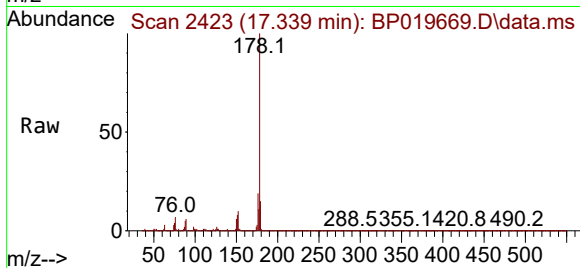
Tgt Ion:178 Resp: 1033887

Ion Ratio Lower Upper

178 100

176 18.9 15.5 23.3

179 15.3 12.6 19.0



#72

Anthracene

Concen: 48.609 ng

RT: 17.434 min Scan# 2439

Delta R.T. -0.006 min

Lab File: BP019669.D

Acq: 12 Feb 2024 18:43

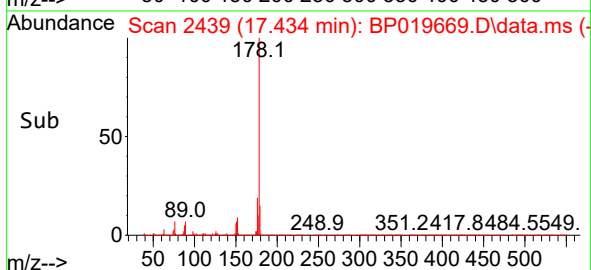
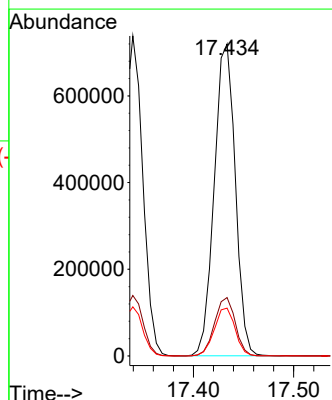
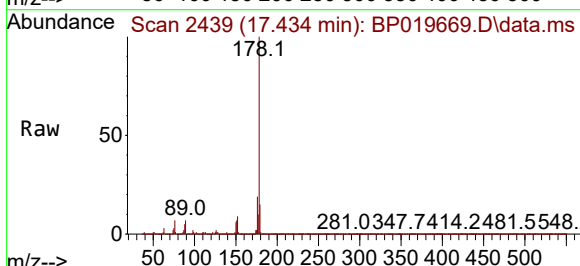
Tgt Ion:178 Resp: 1048710

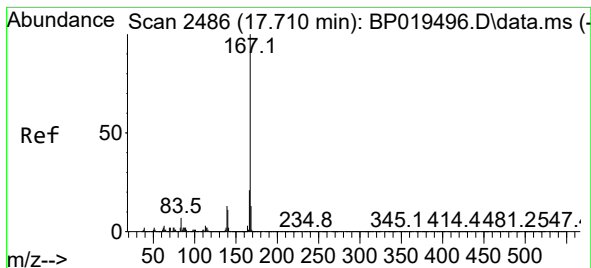
Ion Ratio Lower Upper

178 100

176 18.7 14.7 22.1

179 15.3 12.2 18.2





#73

Carbazole

Concen: 48.739 ng

RT: 17.704 min Scan# 2486

Delta R.T. -0.006 min

Lab File: BP019669.D

Acq: 12 Feb 2024 18:43

Instrument :

BNA_P

ClientSampleId :

TP-1MSD

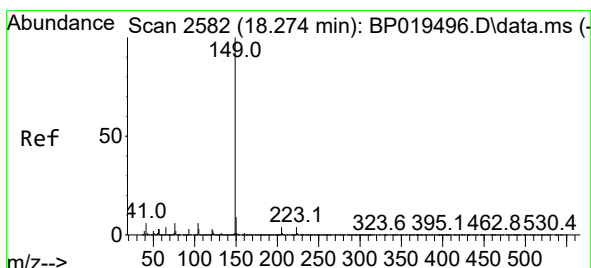
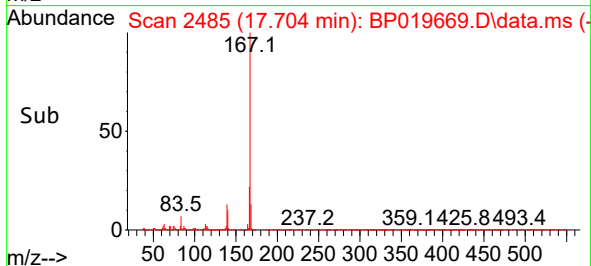
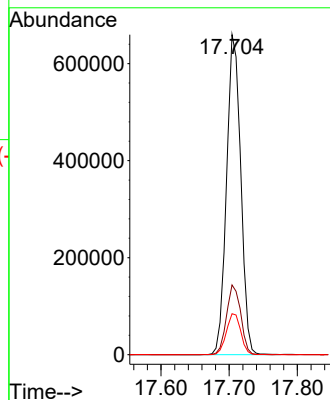
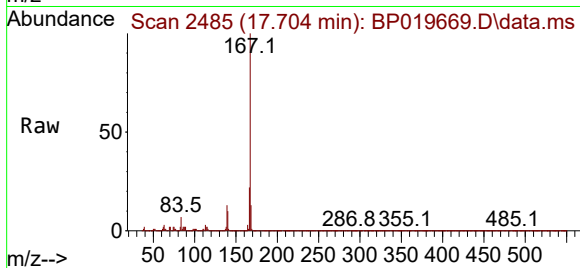
Tgt Ion:167 Resp: 955249

Ion Ratio Lower Upper

167 100

166 21.8 17.2 25.8

139 12.8 10.6 15.8



#74

Di-n-butylphthalate

Concen: 47.438 ng

RT: 18.269 min Scan# 2581

Delta R.T. -0.006 min

Lab File: BP019669.D

Acq: 12 Feb 2024 18:43

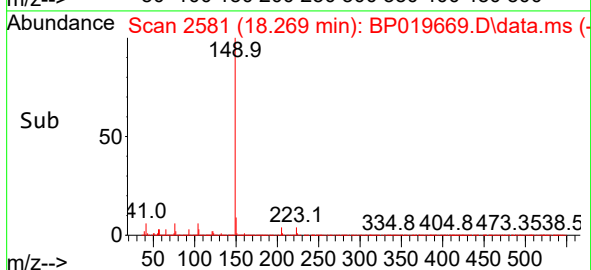
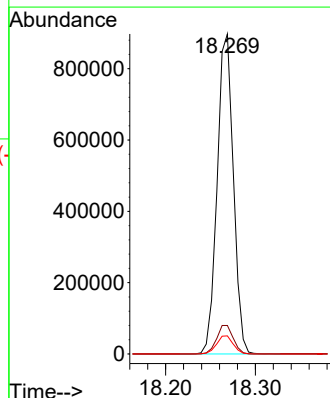
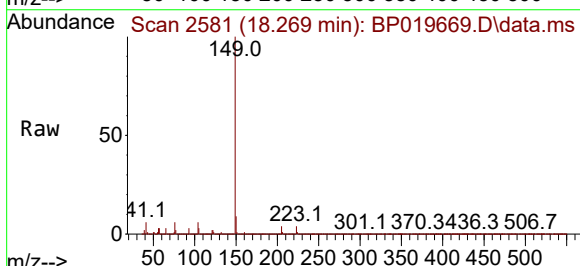
Tgt Ion:149 Resp: 1124200

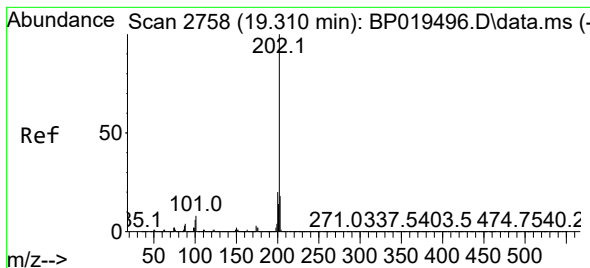
Ion Ratio Lower Upper

149 100

150 8.9 7.3 10.9

104 5.7 4.8 7.2





#75

Fluoranthene

Concen: 51.958 ng

RT: 19.304 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019669.D

Acq: 12 Feb 2024 18:43

Instrument :

BNA_P

ClientSampleId :

TP-1MSD

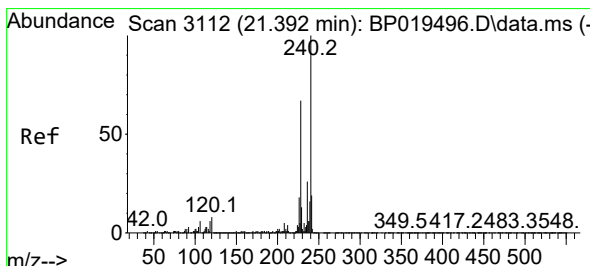
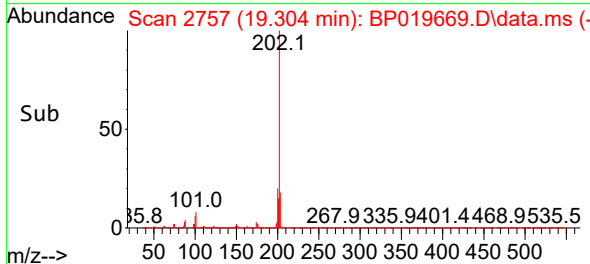
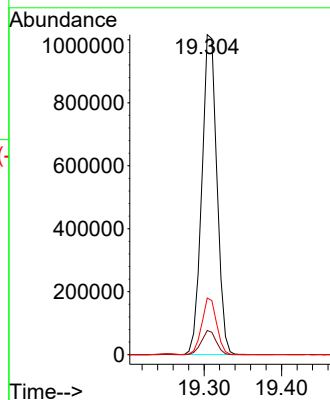
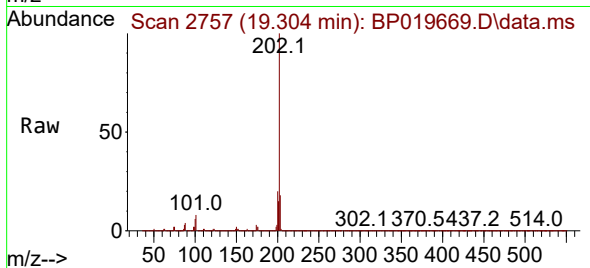
Tgt Ion:202 Resp: 1372749

Ion Ratio Lower Upper

202 100

101 7.5 0.0 27.7

203 17.7 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: BP019669.D

Acq: 12 Feb 2024 18:43

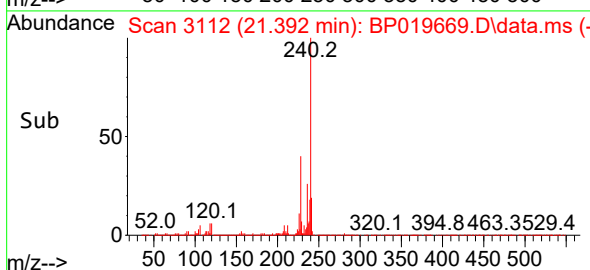
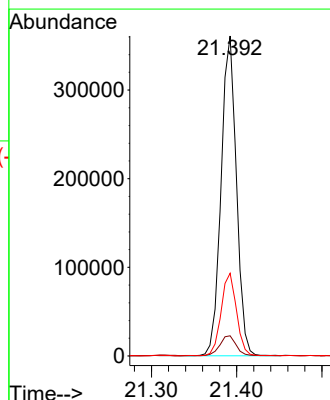
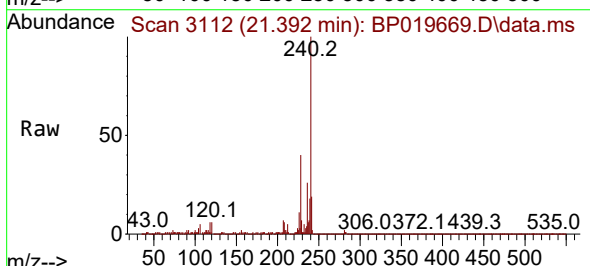
Tgt Ion:240 Resp: 450243

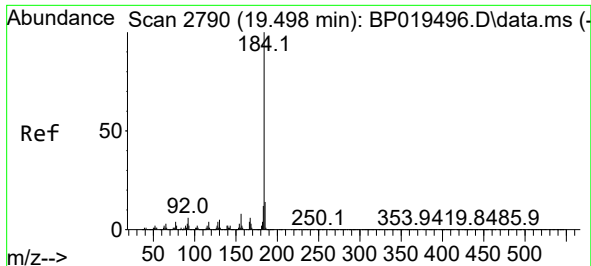
Ion Ratio Lower Upper

240 100

120 6.3 6.1 9.1

236 25.8 20.7 31.1

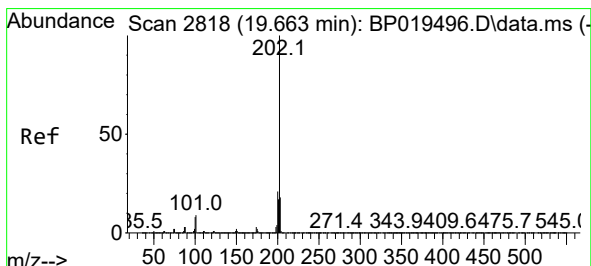
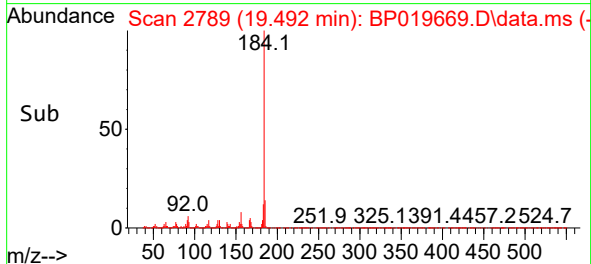
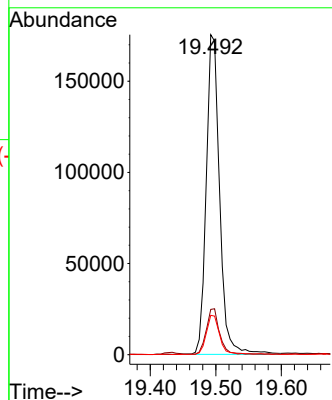
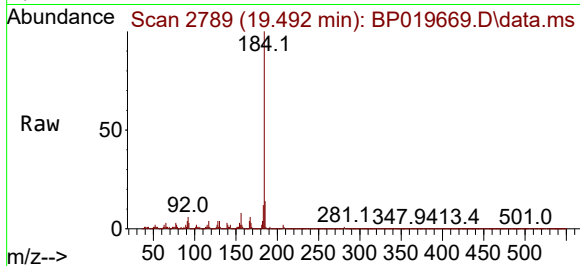




#77
Benzidine
Concen: 26.541 ng
RT: 19.492 min Scan# 2789
Delta R.T. -0.006 min
Lab File: BP019669.D
Acq: 12 Feb 2024 18:43

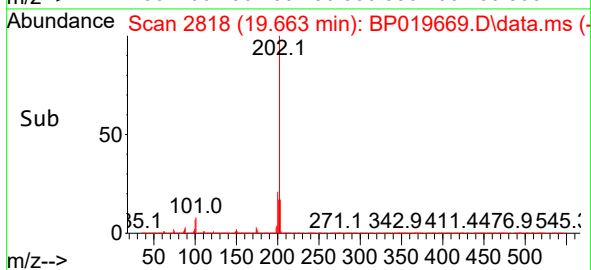
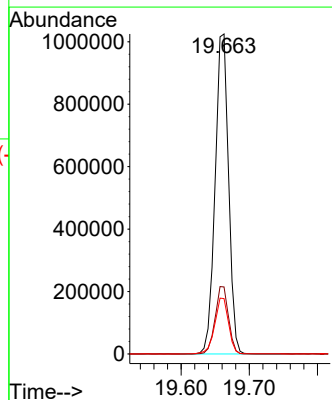
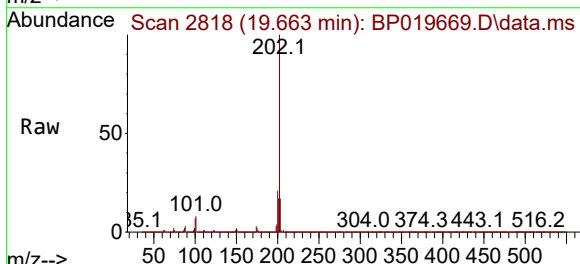
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

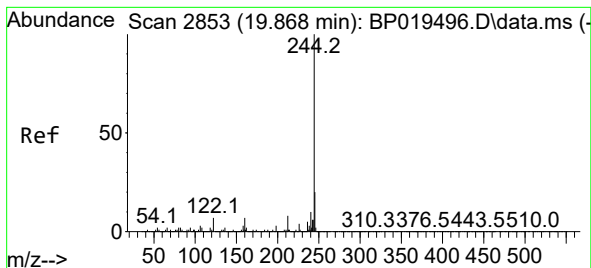
Tgt Ion:184 Resp: 249833
Ion Ratio Lower Upper
184 100
185 14.1 11.1 16.7
183 12.3 9.7 14.5



#78
Pyrene
Concen: 44.268 ng
RT: 19.663 min Scan# 2818
Delta R.T. 0.000 min
Lab File: BP019669.D
Acq: 12 Feb 2024 18:43

Tgt Ion:202 Resp: 1406662
Ion Ratio Lower Upper
202 100
200 21.0 16.9 25.3
203 17.3 14.2 21.2





#79

Terphenyl-d14

Concen: 85.676 ng

RT: 19.863 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019669.D

Acq: 12 Feb 2024 18:43

Instrument :

BNA_P

ClientSampleId :

TP-1MSD

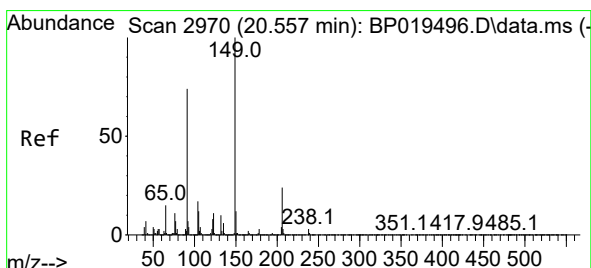
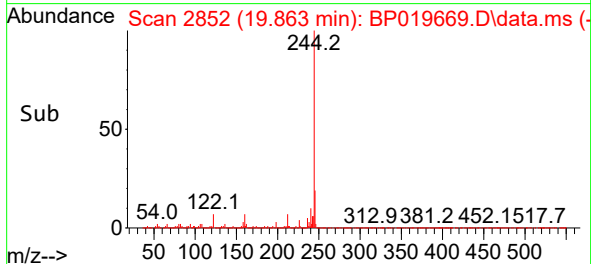
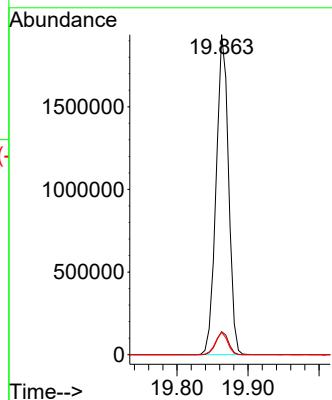
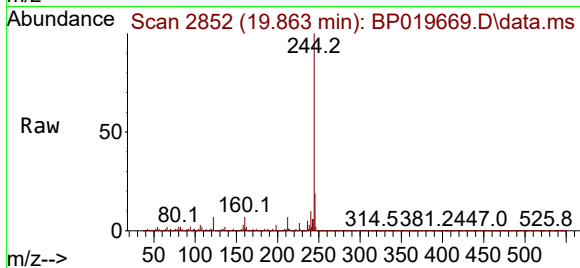
Tgt Ion:244 Resp: 2345649

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

122 7.0 5.9 8.9



#80

Butylbenzylphthalate

Concen: 45.134 ng

RT: 20.551 min Scan# 2969

Delta R.T. -0.006 min

Lab File: BP019669.D

Acq: 12 Feb 2024 18:43

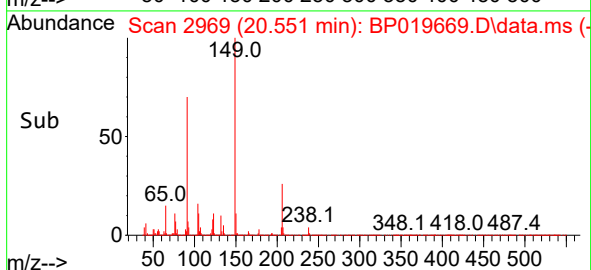
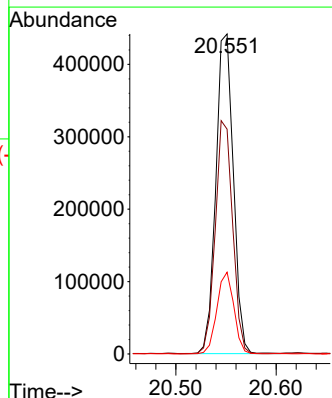
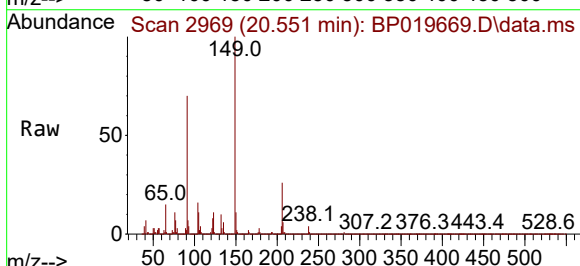
Tgt Ion:149 Resp: 535588

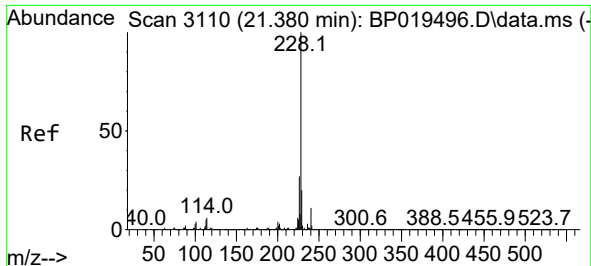
Ion Ratio Lower Upper

149 100

91 70.2 59.4 89.0

206 25.6 19.0 28.6

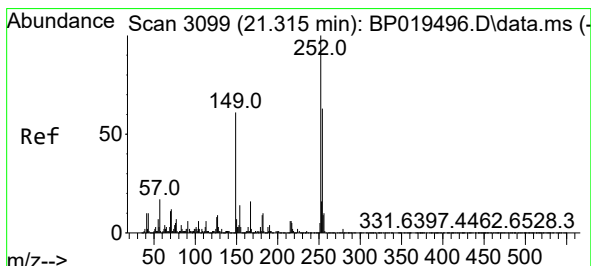
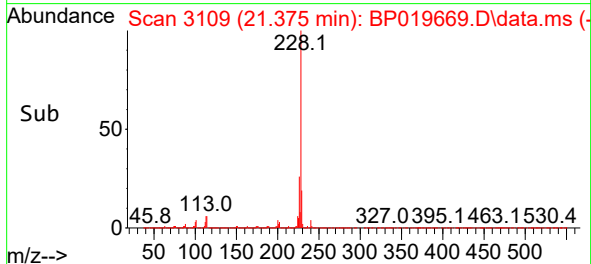
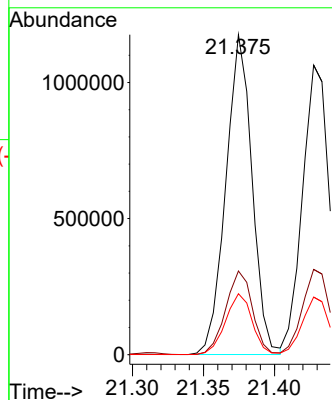
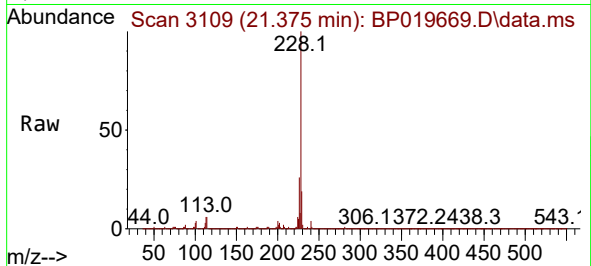




#81
Benzo(a)anthracene
Concen: 47.705 ng
RT: 21.375 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BP019669.D
Acq: 12 Feb 2024 18:43

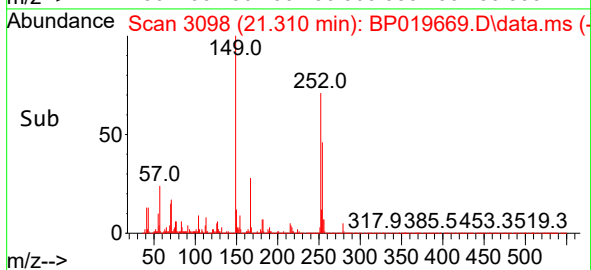
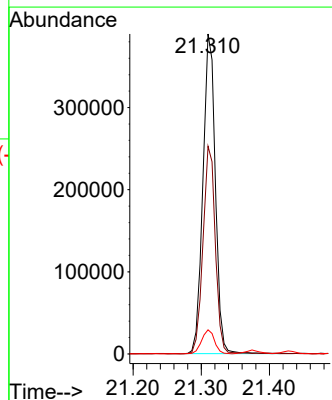
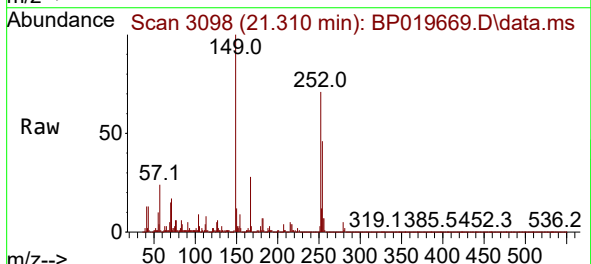
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

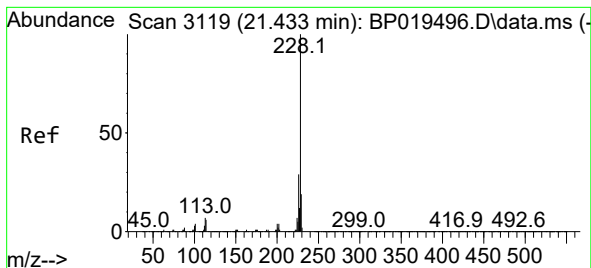
Tgt Ion:228 Resp: 1511947
Ion Ratio Lower Upper
228 100
226 26.2 21.7 32.5
229 19.0 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 42.755 ng
RT: 21.310 min Scan# 3098
Delta R.T. -0.006 min
Lab File: BP019669.D
Acq: 12 Feb 2024 18:43

Tgt Ion:252 Resp: 493787
Ion Ratio Lower Upper
252 100
254 64.9 50.7 76.1
126 7.5 6.4 9.6





#83

Chrysene

Concen: 46.218 ng

RT: 21.427 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BP019669.D

Acq: 12 Feb 2024 18:43

Instrument :

BNA_P

ClientSampleId :

TP-1MSD

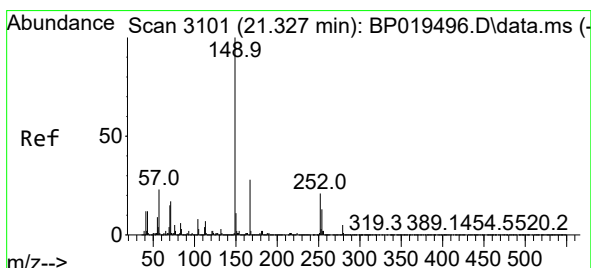
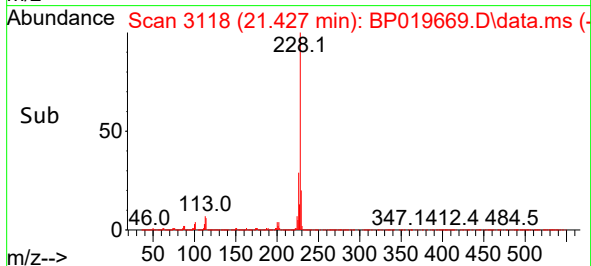
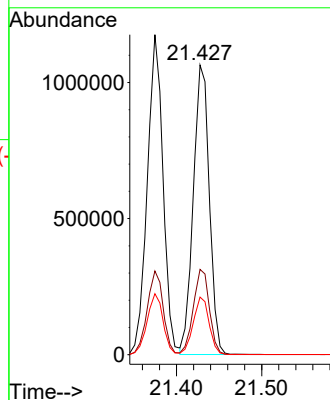
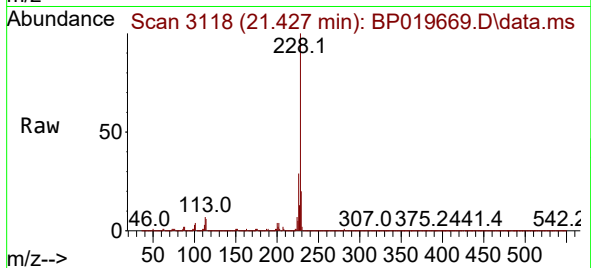
Tgt Ion:228 Resp: 1390724

Ion Ratio Lower Upper

228 100

226 29.4 23.4 35.2

229 19.9 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.974 ng

RT: 21.316 min Scan# 3099

Delta R.T. -0.011 min

Lab File: BP019669.D

Acq: 12 Feb 2024 18:43

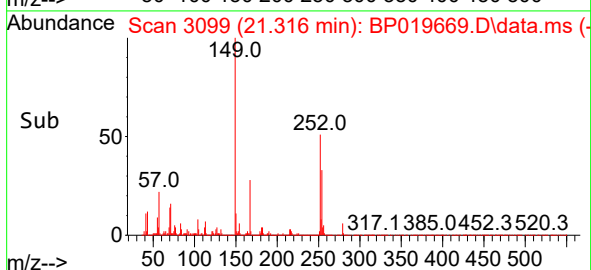
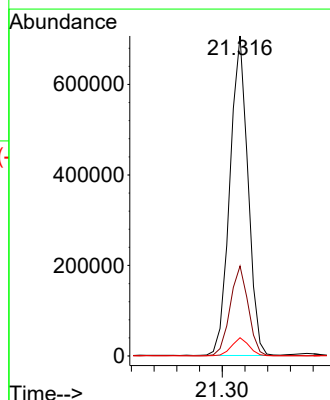
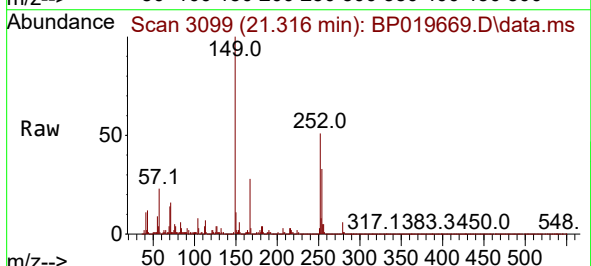
Tgt Ion:149 Resp: 776542

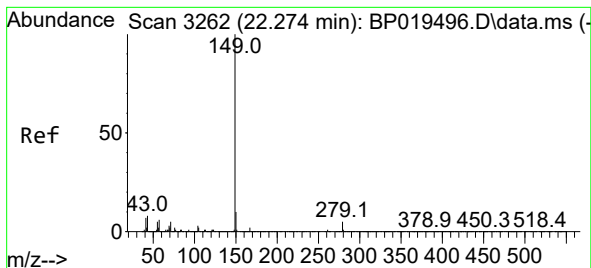
Ion Ratio Lower Upper

149 100

167 28.1 22.7 34.1

279 5.7 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 43.995 ng

RT: 22.257 min Scan# 31

Delta R.T. -0.017 min

Lab File: BP019669.D

Acq: 12 Feb 2024 18:43

Instrument :

BNA_P

ClientSampleId :

TP-1MSD

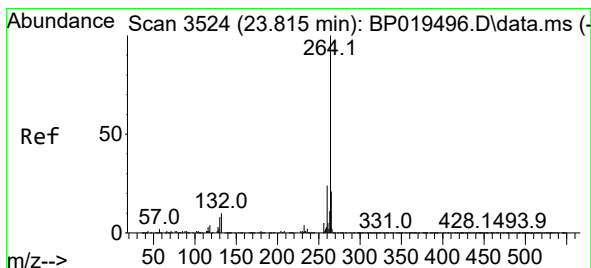
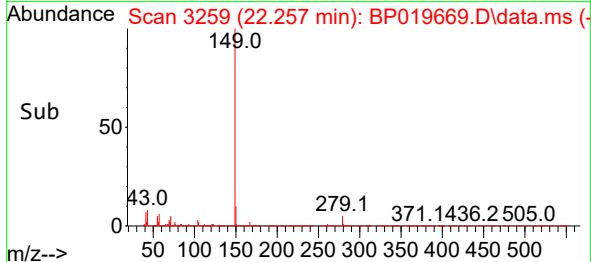
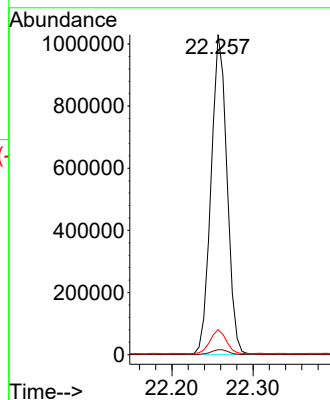
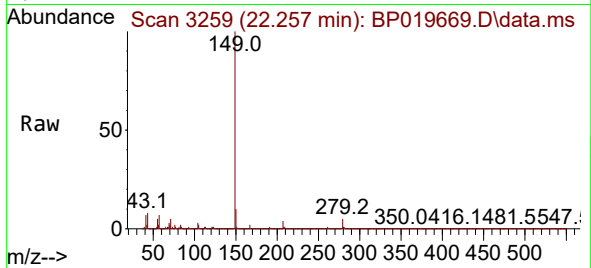
Tgt Ion:149 Resp: 1398721

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 7.5 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: BP019669.D

Acq: 12 Feb 2024 18:43

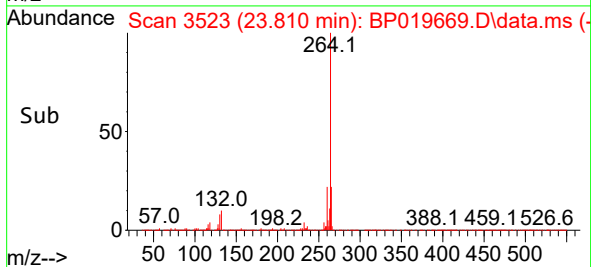
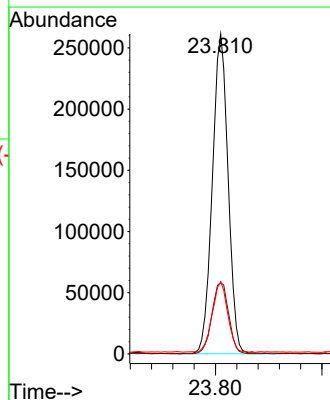
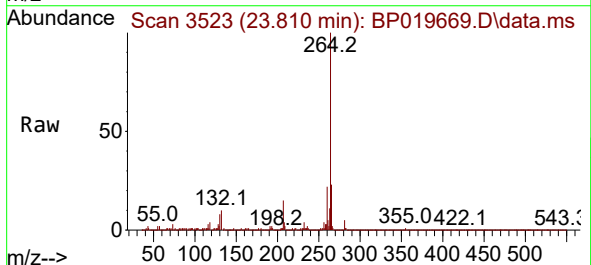
Tgt Ion:264 Resp: 536854

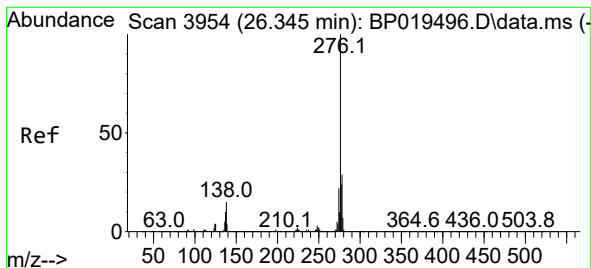
Ion Ratio Lower Upper

264 100

260 22.3 19.2 28.8

265 22.6 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.262 ng

RT: 26.345 min Scan# 3954

Delta R.T. 0.000 min

Lab File: BP019669.D

Acq: 12 Feb 2024 18:43

Instrument :

BNA_P

ClientSampleId :

TP-1MSD

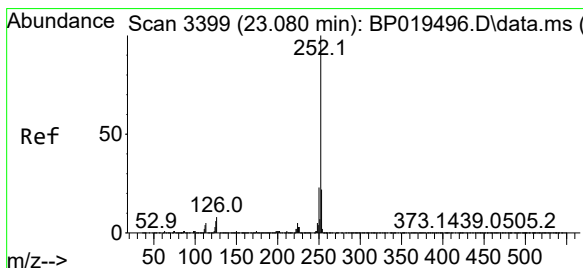
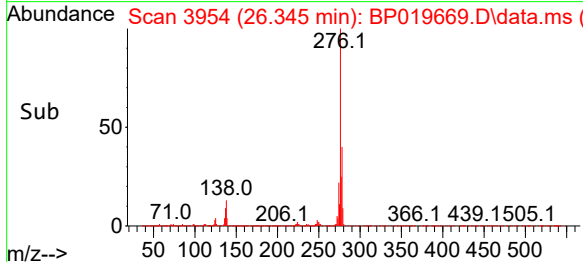
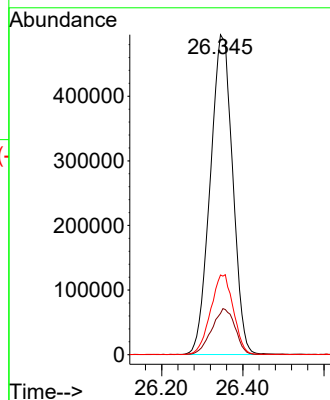
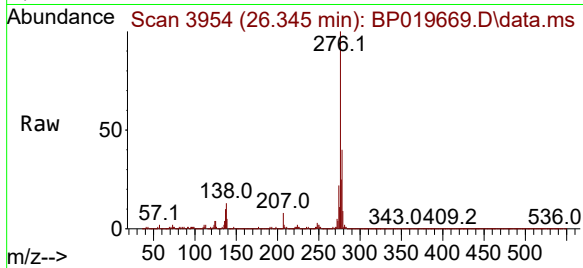
Tgt Ion:276 Resp: 1901114

Ion Ratio Lower Upper

276 100

138 14.9 13.1 19.7

277 25.2 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 45.776 ng

RT: 23.074 min Scan# 3398

Delta R.T. -0.006 min

Lab File: BP019669.D

Acq: 12 Feb 2024 18:43

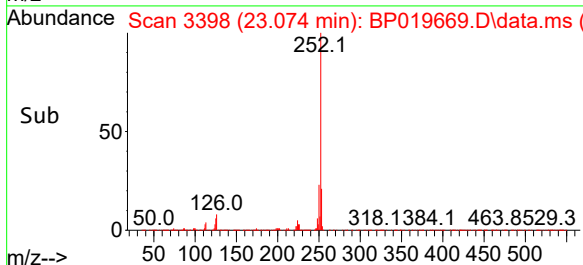
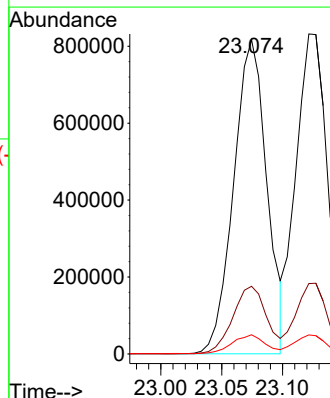
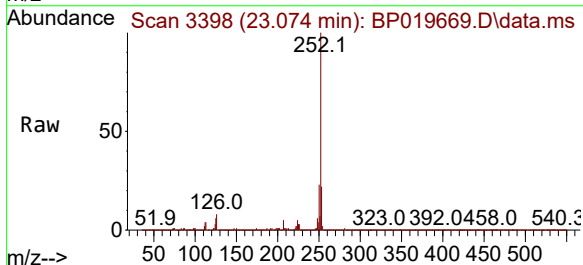
Tgt Ion:252 Resp: 1548864

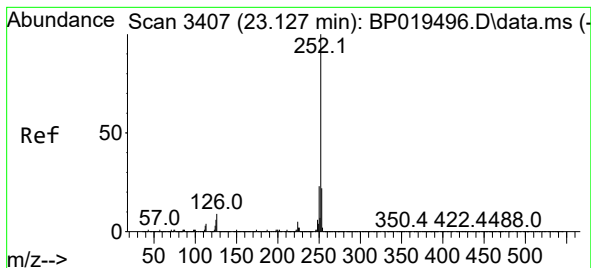
Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

125 6.1 4.9 7.3





#89

Benzo(k)fluoranthene

Concen: 45.944 ng

RT: 23.121 min Scan# 3407

Delta R.T. -0.006 min

Lab File: BP019669.D

Acq: 12 Feb 2024 18:43

Instrument :

BNA_P

ClientSampleId :

TP-1MSD

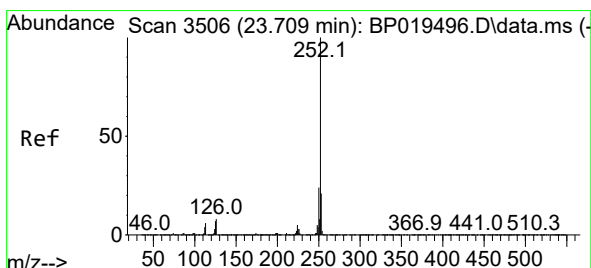
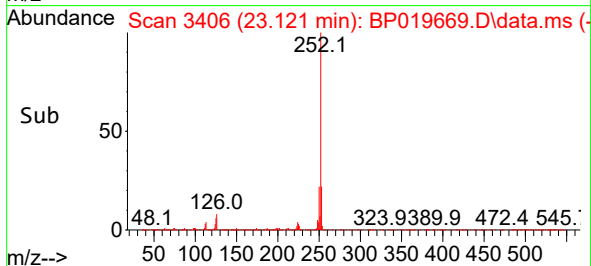
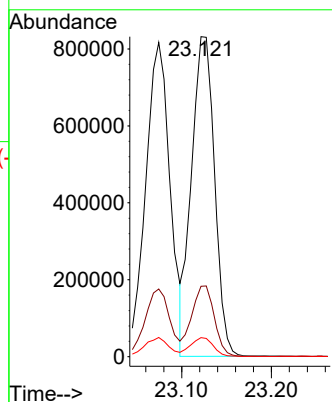
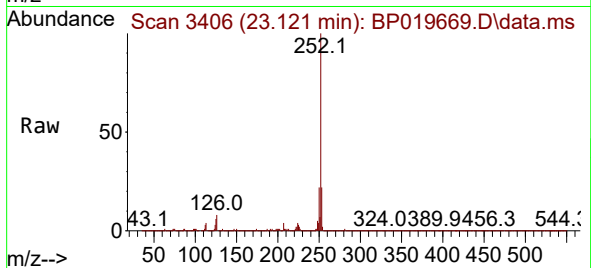
Tgt Ion:252 Resp: 1484951

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

125 6.0 5.0 7.6



#90

Benzo(a)pyrene

Concen: 47.140 ng

RT: 23.704 min Scan# 3505

Delta R.T. -0.006 min

Lab File: BP019669.D

Acq: 12 Feb 2024 18:43

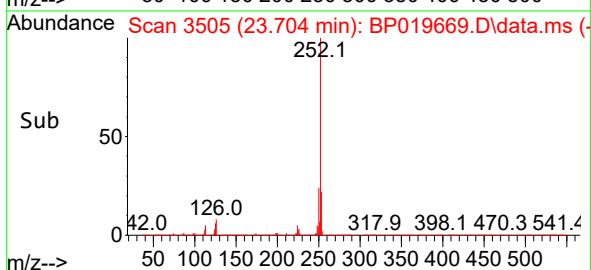
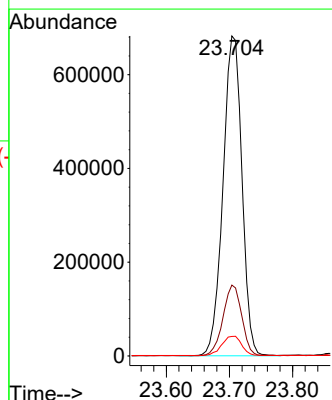
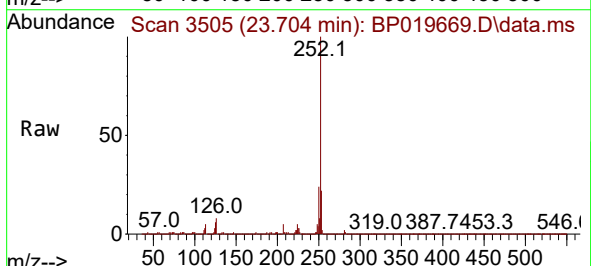
Tgt Ion:252 Resp: 1419173

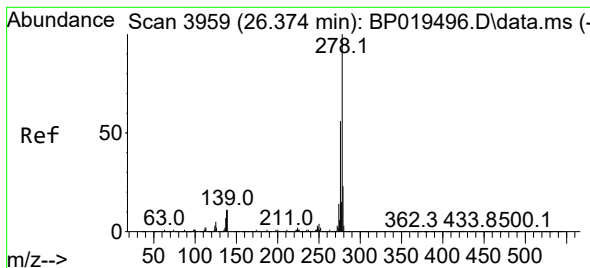
Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

125 6.1 5.6 8.4





#91

Dibenzo(a,h)anthracene

Concen: 46.237 ng

RT: 26.374 min Scan# 3959

Delta R.T. 0.000 min

Lab File: BP019669.D

Acq: 12 Feb 2024 18:43

Instrument :

BNA_P

ClientSampleId :

TP-1MSD

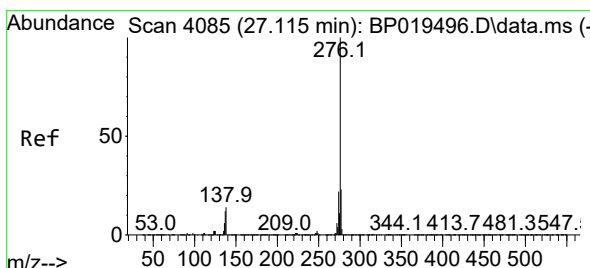
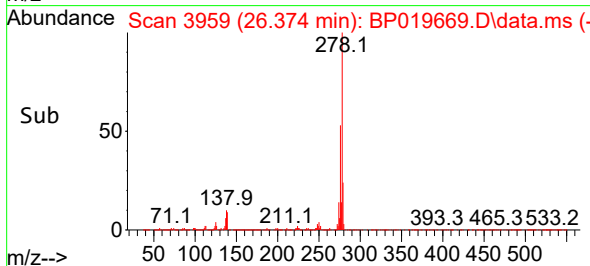
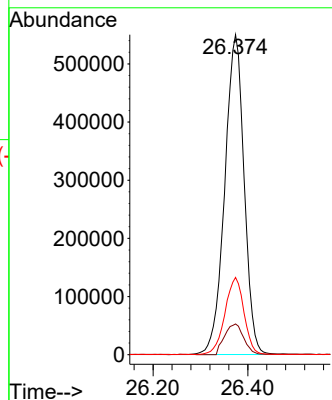
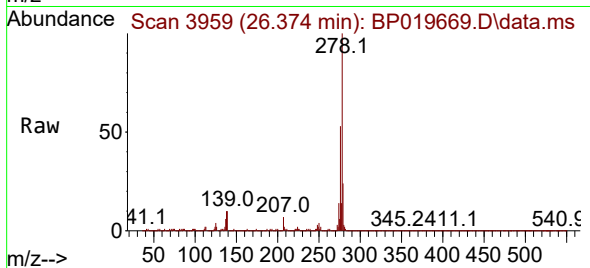
Tgt Ion:278 Resp: 1562722

Ion Ratio Lower Upper

278 100

139 9.6 8.6 12.8

279 24.1 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 43.517 ng

RT: 27.127 min Scan# 4087

Delta R.T. 0.012 min

Lab File: BP019669.D

Acq: 12 Feb 2024 18:43

Tgt Ion:276 Resp: 1492132

Ion Ratio Lower Upper

276 100

277 24.2 18.6 28.0

138 12.6 10.9 16.3

