

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022224\
 Data File : BP019831.D
 Acq On : 22 Feb 2024 18:56
 Operator : MA/JU
 Sample : P1549-04MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 336MSD

Quant Time: Feb 23 00:58:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 19 23:35:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	92411	20.000	ng	0.00
21) Naphthalene-d8	10.693	136	344973	20.000	ng	0.00
39) Acenaphthene-d10	14.533	164	245705	20.000	ng	0.00
64) Phenanthrene-d10	17.292	188	568993	20.000	ng	0.00
76) Chrysene-d12	21.386	240	552156	20.000	ng	0.00
86) Perylene-d12	23.809	264	620071	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	595092	103.802	ng	0.00
7) Phenol-d6	7.075	99	739309	95.640	ng	0.00
23) Nitrobenzene-d5	9.069	82	611538	76.814	ng	0.00
42) 2,4,6-Tribromophenol	16.033	330	551947	153.854	ng	0.00
45) 2-Fluorobiphenyl	13.157	172	1471490	74.036	ng	0.00
79) Terphenyl-d14	19.857	244	2963501	88.265	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.381	88	68300	30.922	ng	# 61
3) Pyridine	3.781	79	184179	30.756	ng	99
4) n-Nitrosodimethylamine	3.699	42	94751	36.343	ng	99
6) Aniline	7.228	93	217706	28.984	ng	98
8) 2-Chlorophenol	7.457	128	233458	39.664	ng	98
9) Benzaldehyde	7.046	77	32158	5.934	ng	99
10) Phenol	7.099	94	264937	34.387	ng	97
11) bis(2-Chloroethyl)ether	7.334	93	231955	38.698	ng	98
12) 1,3-Dichlorobenzene	7.781	146	276960	38.455	ng	98
13) 1,4-Dichlorobenzene	7.928	146	282635	38.735	ng	99
14) 1,2-Dichlorobenzene	8.240	146	271209	38.415	ng	98
15) Benzyl Alcohol	8.146	79	256229	41.485	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.422	45	228281	38.085	ng	99
17) 2-Methylphenol	8.351	107	201326	38.814	ng	99
18) Hexachloroethane	8.963	117	94278	33.334	ng	98
19) n-Nitroso-di-n-propyla...	8.716	70	197408	37.388	ng	99
20) 3+4-Methylphenols	8.681	107	269575	38.081	ng	97
22) Acetophenone	8.728	105	383050	38.976	ng	# 99
24) Nitrobenzene	9.110	77	301683	37.636	ng	99
25) Isophorone	9.634	82	551346	39.765	ng	99
26) 2-Nitrophenol	9.816	139	114823	37.569	ng	97
27) 2,4-Dimethylphenol	9.881	122	179144	45.838	ng	99
28) bis(2-Chloroethoxy)met...	10.122	93	308474	39.323	ng	99
29) 2,4-Dichlorophenol	10.351	162	261074	44.192	ng	95
30) 1,2,4-Trichlorobenzene	10.557	180	298884	41.261	ng	99
31) Naphthalene	10.745	128	758457	40.087	ng	99
33) 4-Chloroaniline	10.869	127	103429	14.782	ng	99
34) Hexachlorobutadiene	11.010	225	219398	40.873	ng	100
35) Caprolactam	11.687	113	67094	40.117	ng	95
36) 4-Chloro-3-methylphenol	11.998	107	283013	43.934	ng	100
37) 2-Methylnaphthalene	12.357	142	548045	41.856	ng	99
38) 1-Methylnaphthalene	12.575	142	519359	40.363	ng	99
40) 1,2,4,5-Tetrachloroben...	12.722	216	392817	41.454	ng	99
41) Hexachlorocyclopentadiene	12.687	237	119112	27.825	ng	97
43) 2,4,6-Trichlorophenol	12.969	196	248111	43.241	ng	99
44) 2,4,5-Trichlorophenol	13.045	196	269532	42.778	ng	98

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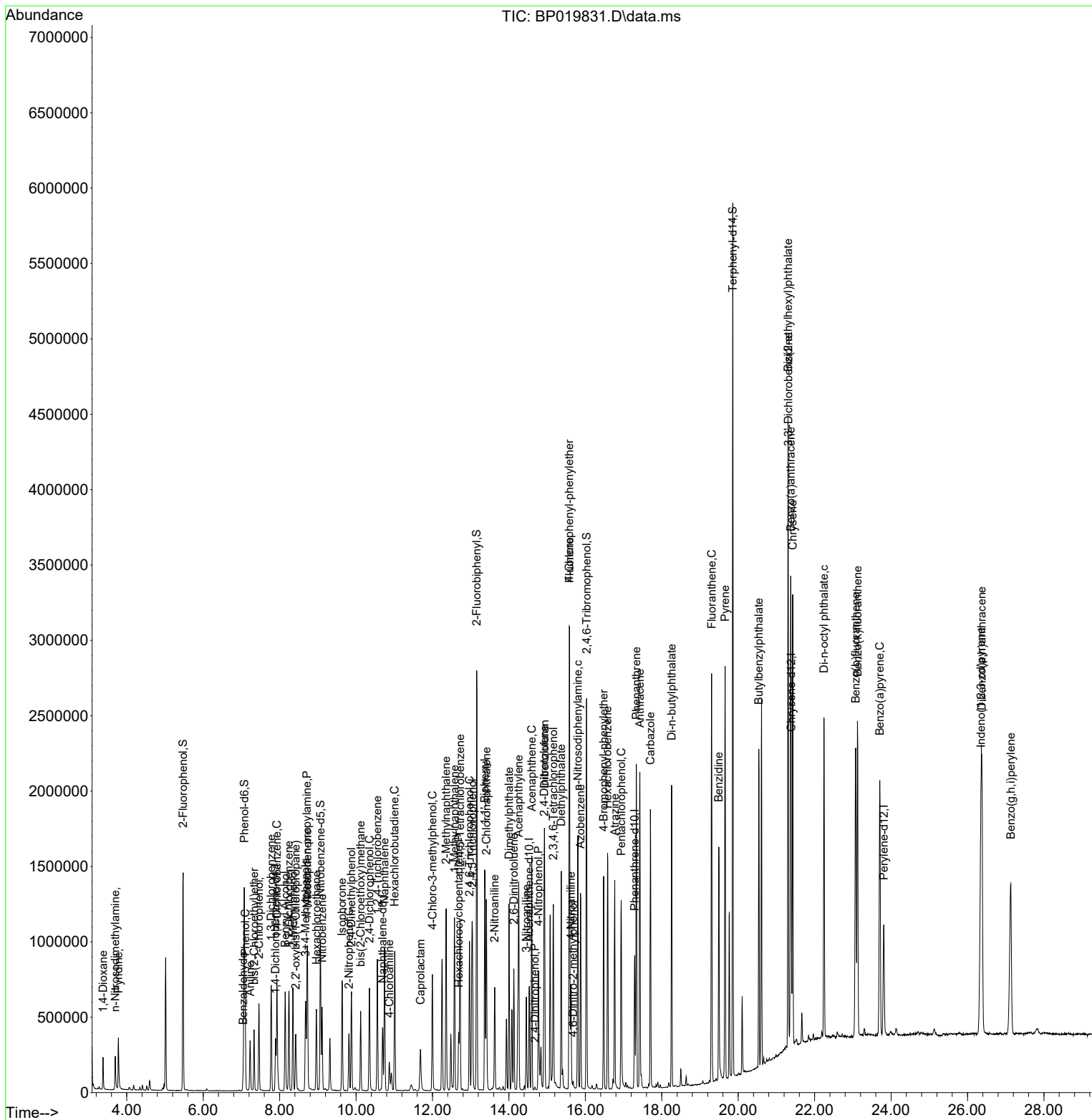
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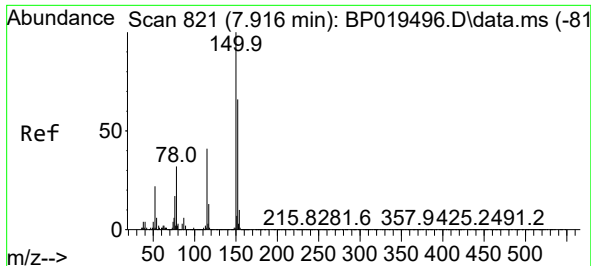
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 19 23:35:42 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.369	154	753389	38.418	ng	100
47) 2-Chloronaphthalene	13.410	162	612729	38.062	ng	98
48) 2-Nitroaniline	13.628	65	196598	43.676	ng	98
49) Acenaphthylene	14.257	152	980158	43.399	ng	99
50) Dimethylphthalate	14.004	163	778839	41.407	ng	99
51) 2,6-Dinitrotoluene	14.128	165	166550	40.302	ng	96
52) Acenaphthene	14.598	154	555113	39.602	ng	99
53) 3-Nitroaniline	14.457	138	144266	37.986	ng	94
54) 2,4-Dinitrophenol	14.681	184	5301	2.471	ng	95
55) Dibenzofuran	14.933	168	954029	41.788	ng	98
56) 4-Nitrophenol	14.775	139	231300	74.305	ng	97
57) 2,4-Dinitrotoluene	14.922	165	236410	43.654	ng	95
58) Fluorene	15.586	166	785648	43.206	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.163	232	298395	56.304	ng	94
60) Diethylphthalate	15.369	149	788122	42.125	ng	99
61) 4-Chlorophenyl-phenyle...	15.580	204	448123	43.847	ng	94
62) 4-Nitroaniline	15.622	138	175679	44.131	ng	98
63) Azobenzene	15.875	77	736198	40.693	ng	98
65) 4,6-Dinitro-2-methylph...	15.680	198	9421	2.904	ng	97
66) n-Nitrosodiphenylamine	15.804	169	678998	39.846	ng	99
67) 4-Bromophenyl-phenylether	16.480	248	303241	42.631	ng	95
68) Hexachlorobenzene	16.580	284	361940	43.573	ng	96
69) Atrazine	16.769	200	285786	50.540	ng	95
70) Pentachlorophenol	16.939	266	276497	53.452	ng	99
71) Phenanthrene	17.333	178	1301395	43.461	ng	98
72) Anthracene	17.427	178	1327639	44.446	ng	100
73) Carbazole	17.704	167	1179510	43.466	ng	99
74) Di-n-butylphthalate	18.257	149	1399242	42.645	ng	99
75) Fluoranthene	19.304	202	1662915	45.460	ng	99
77) Benzidine	19.492	184	964758	83.574	ng	100
78) Pyrene	19.657	202	1696141	43.526	ng	99
80) Butylbenzylphthalate	20.539	149	627617	43.127	ng	100
81) Benzo(a)anthracene	21.374	228	1695168	43.614	ng	99
82) 3,3'-Dichlorobenzidine	21.310	252	580013	40.952	ng	98
83) Chrysene	21.427	228	1570352	42.555	ng	100
84) Bis(2-ethylhexyl)phtha...	21.304	149	899133	40.574	ng	99
85) Di-n-octyl phthalate	22.245	149	1527918	39.188	ng	99
87) Indeno(1,2,3-cd)pyrene	26.351	276	1998175	42.099	ng	97
88) Benzo(b)fluoranthene	23.074	252	1698083	43.451	ng	99
89) Benzo(k)fluoranthene	23.121	252	1604338	42.976	ng	99
90) Benzo(a)pyrene	23.704	252	1513715	43.532	ng	98
91) Dibenzo(a,h)anthracene	26.374	278	1648760	42.236	ng	98
92) Benzo(g,h,i)perylene	27.133	276	1557684	39.332	ng	97

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

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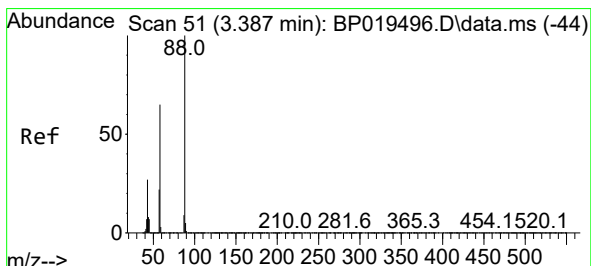
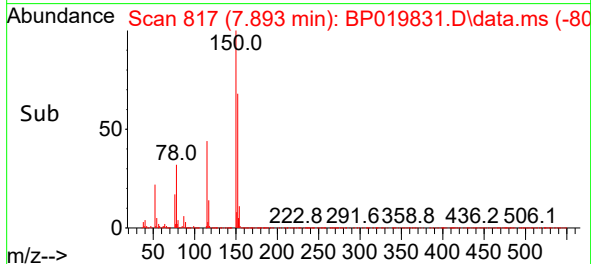
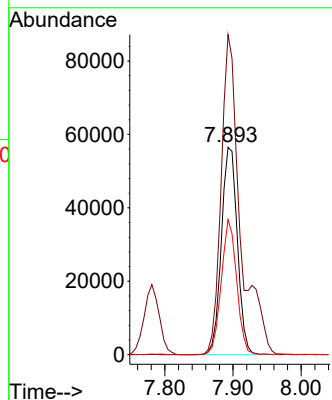
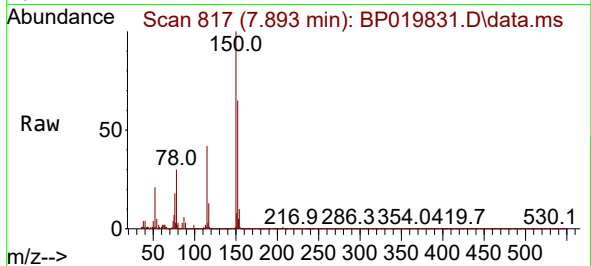




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.893 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019831.D
Acq: 22 Feb 2024 18:56

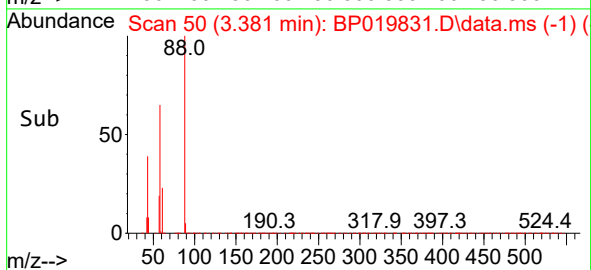
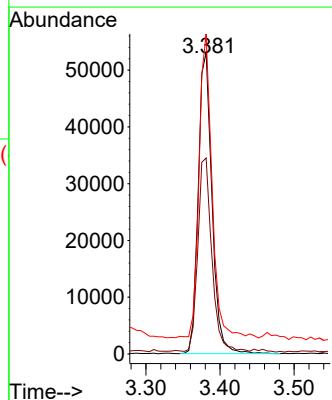
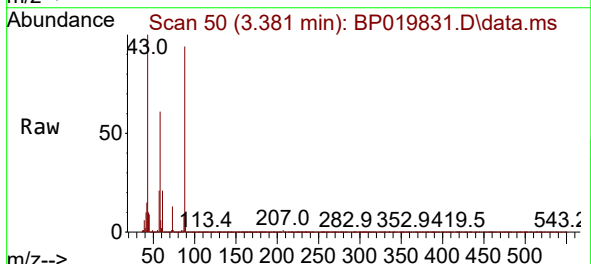
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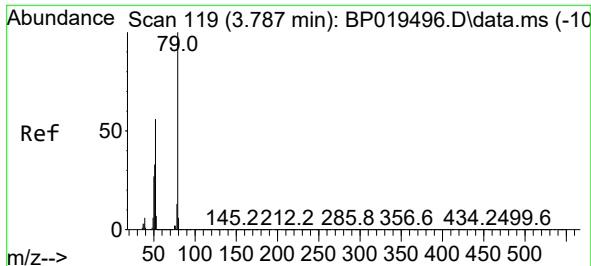
Tgt Ion:152 Resp: 92411
Ion Ratio Lower Upper
152 100
150 154.3 121.8 182.8
115 65.1 49.9 74.9



#2
1,4-Dioxane
Concen: 30.922 ng
RT: 3.381 min Scan# 50
Delta R.T. -0.000 min
Lab File: BP019831.D
Acq: 22 Feb 2024 18:56

Tgt Ion: 88 Resp: 68300
Ion Ratio Lower Upper
88 100
58 65.0 52.6 78.8
43 95.6 21.9 32.9#

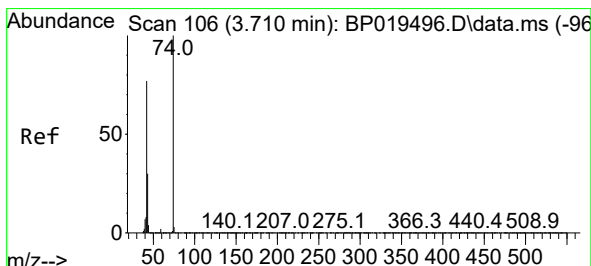
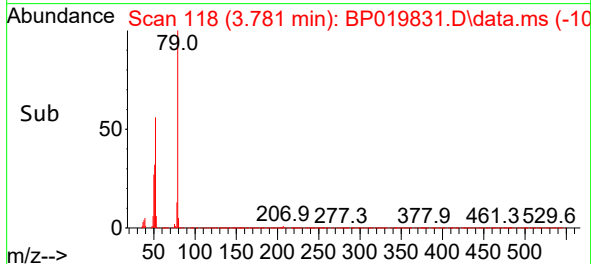
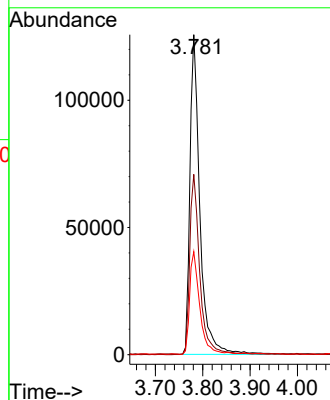
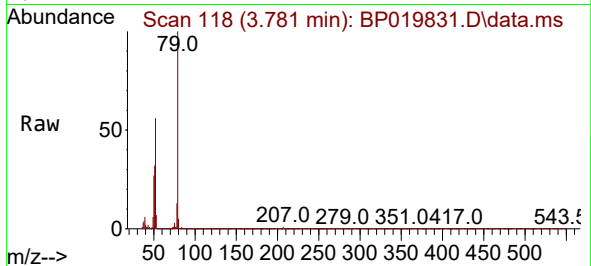




#3
Pyridine
Concen: 30.756 ng
RT: 3.781 min Scan# 119
Delta R.T. -0.000 min
Lab File: BP019831.D
Acq: 22 Feb 2024 18:56

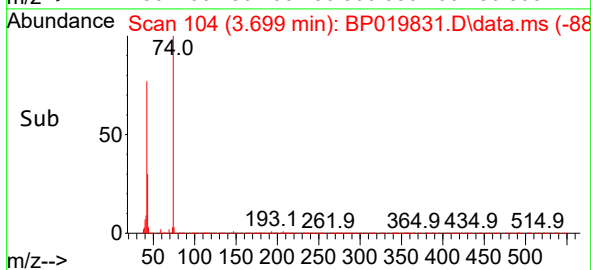
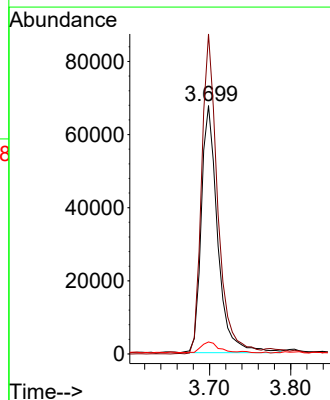
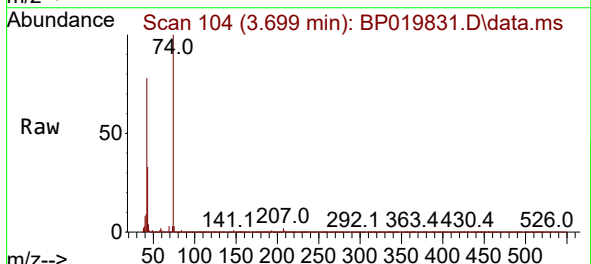
Instrument :
BNA_P
ClientSampleId :
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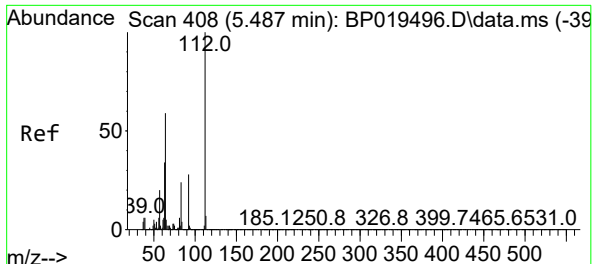
Tgt Ion: 79 Resp: 184179
Ion Ratio Lower Upper
79 100
52 56.4 45.0 67.6
51 32.2 26.8 40.2



#4
n-Nitrosodimethylamine
Concen: 36.343 ng
RT: 3.699 min Scan# 104
Delta R.T. -0.006 min
Lab File: BP019831.D
Acq: 22 Feb 2024 18:56

Tgt Ion: 42 Resp: 94751
Ion Ratio Lower Upper
42 100
74 128.8 103.4 155.2
44 4.8 4.8 7.2

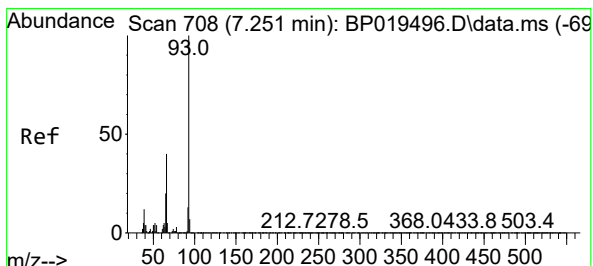
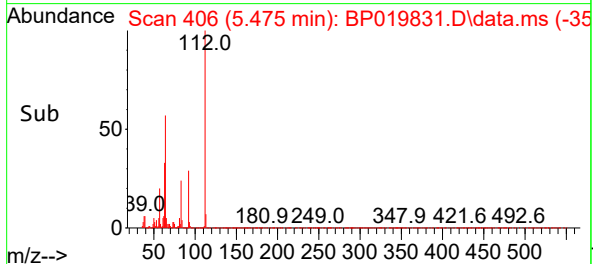
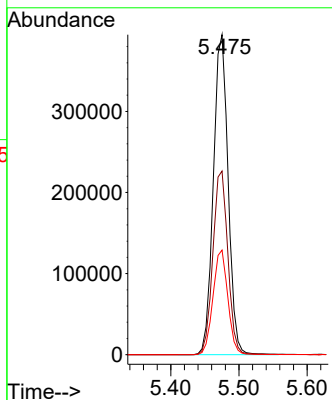
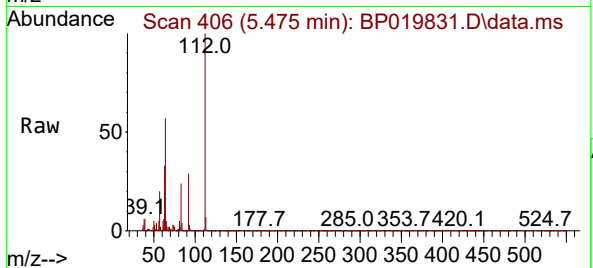




#5
2-Fluorophenol
Concen: 103.802 ng
RT: 5.475 min Scan# 408
Delta R.T. -0.000 min
Lab File: BP019831.D
Acq: 22 Feb 2024 18:56

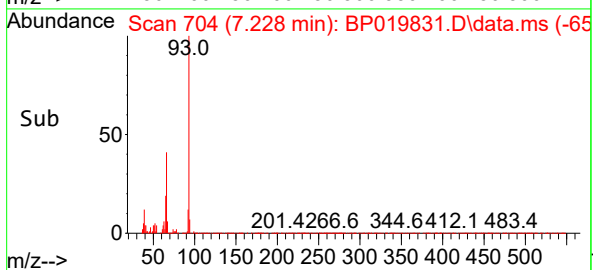
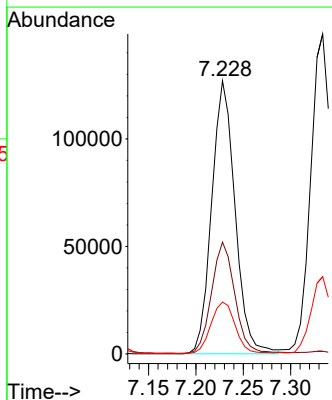
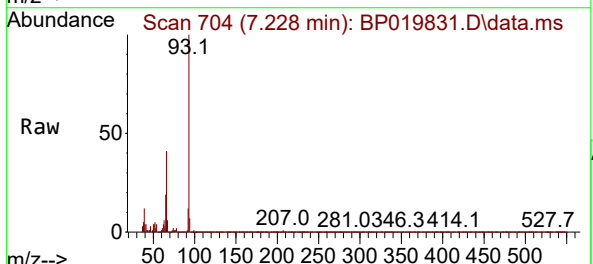
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ClientSampleId :
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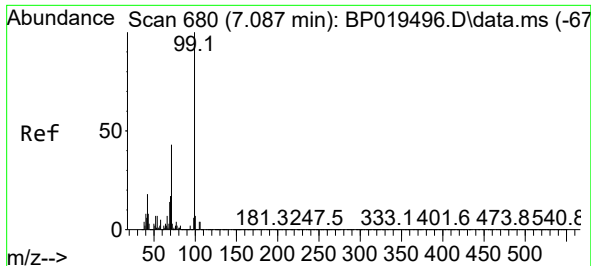
Tgt Ion:112 Resp: 595092
Ion Ratio Lower Upper
112 100
64 57.4 47.4 71.0
63 32.7 27.0 40.6



#6
Aniline
Concen: 28.984 ng
RT: 7.228 min Scan# 704
Delta R.T. -0.006 min
Lab File: BP019831.D
Acq: 22 Feb 2024 18:56

Tgt Ion: 93 Resp: 217706
Ion Ratio Lower Upper
93 100
66 40.9 32.3 48.5
65 19.0 16.4 24.6

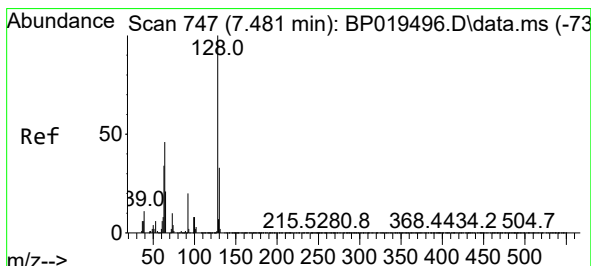
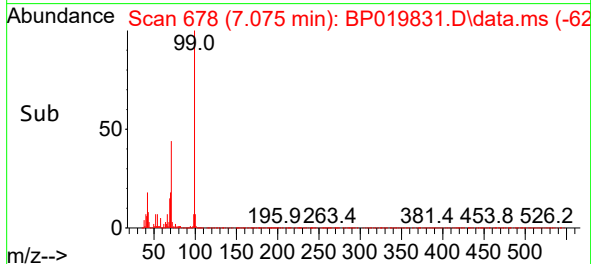
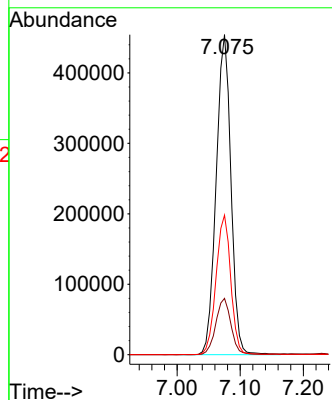
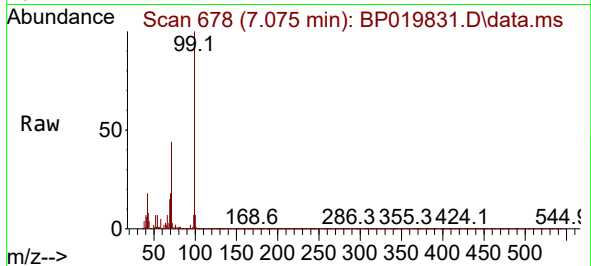




#7
Phenol-d6
Concen: 95.640 ng
RT: 7.075 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP019831.D
Acq: 22 Feb 2024 18:56

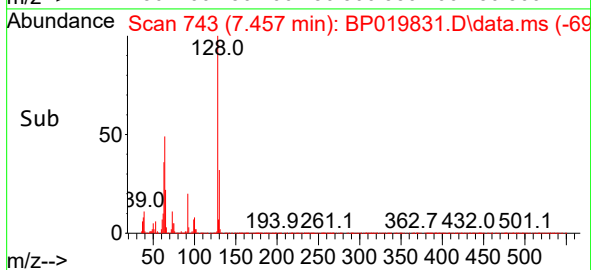
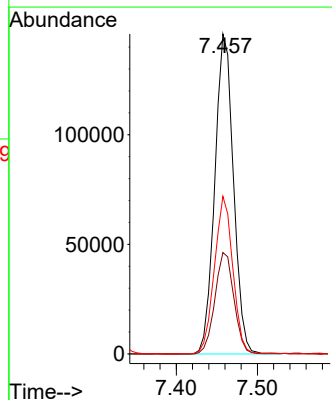
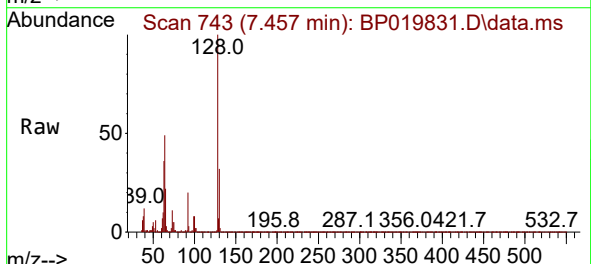
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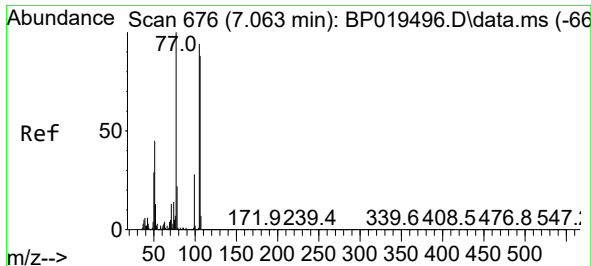
Tgt Ion: 99 Resp: 739309
Ion Ratio Lower Upper
99 100
42 17.6 14.7 22.1
71 43.6 34.8 52.2



#8
2-Chlorophenol
Concen: 39.664 ng
RT: 7.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BP019831.D
Acq: 22 Feb 2024 18:56

Tgt Ion:128 Resp: 233458
Ion Ratio Lower Upper
128 100
130 31.7 13.3 53.3
64 49.3 29.7 69.7

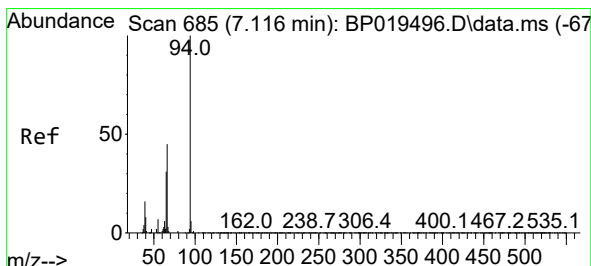
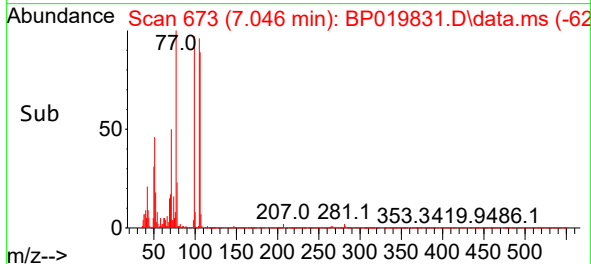
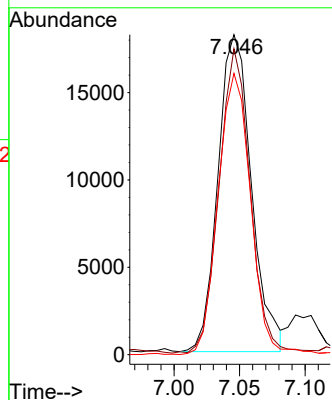
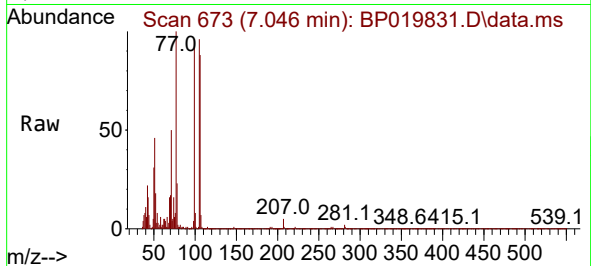




#9
Benzaldehyde
Concen: 5.934 ng
RT: 7.046 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019831.D
Acq: 22 Feb 2024 18:56

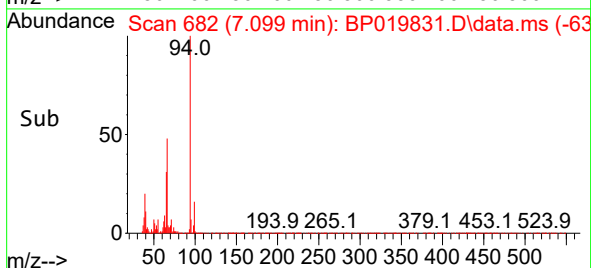
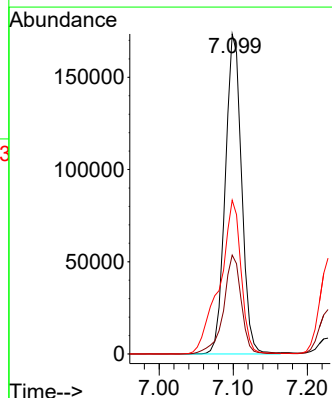
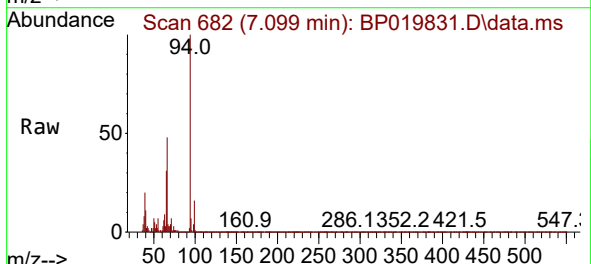
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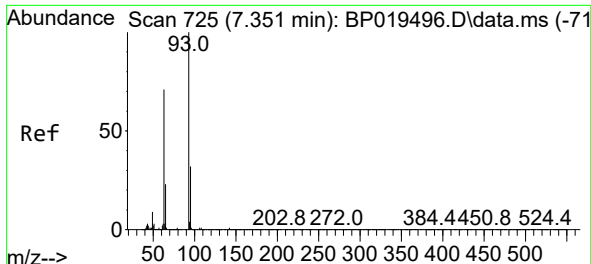
Tgt Ion: 77 Resp: 32158
Ion Ratio Lower Upper
77 100
105 95.6 74.0 114.0
106 87.9 67.8 107.8



#10
Phenol
Concen: 34.387 ng
RT: 7.099 min Scan# 682
Delta R.T. -0.000 min
Lab File: BP019831.D
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Tgt Ion: 94 Resp: 264937
Ion Ratio Lower Upper
94 100
65 30.9 11.3 51.3
66 48.1 25.1 65.1





#11

bis(2-Chloroethyl)ether

Concen: 38.698 ng

RT: 7.334 min Scan# 71

Delta R.T. -0.006 min

Lab File: BP019831.D

Acq: 22 Feb 2024 18:56

Instrument :

BNA_P

ClientSampleId :

336MSD

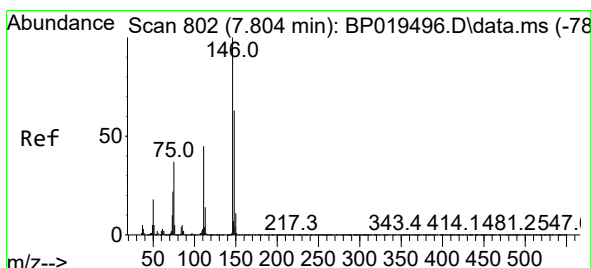
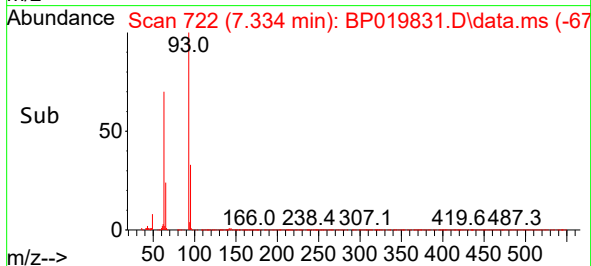
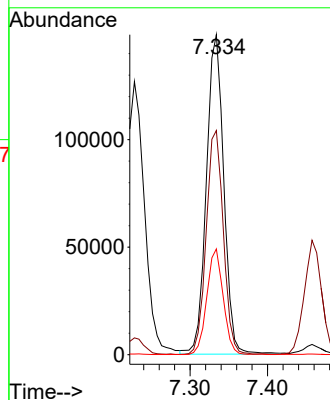
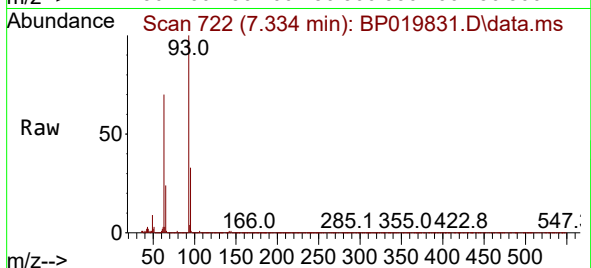
Tgt Ion: 93 Resp: 231955

Ion Ratio Lower Upper

93 100

63 70.1 51.2 91.2

95 33.0 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 38.455 ng

RT: 7.781 min Scan# 798

Delta R.T. -0.006 min

Lab File: BP019831.D

Acq: 22 Feb 2024 18:56

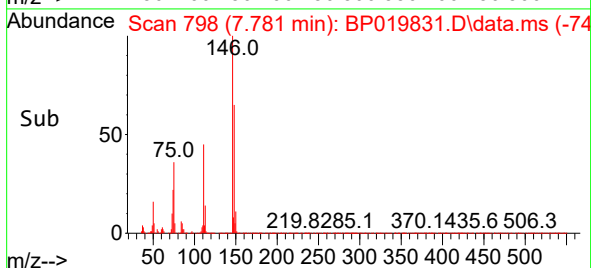
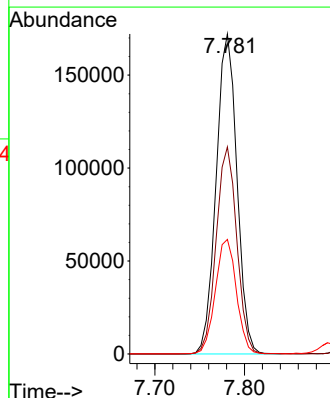
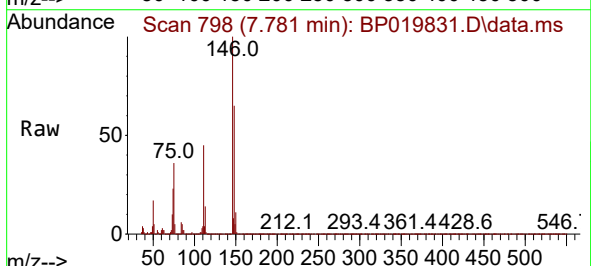
Tgt Ion:146 Resp: 276960

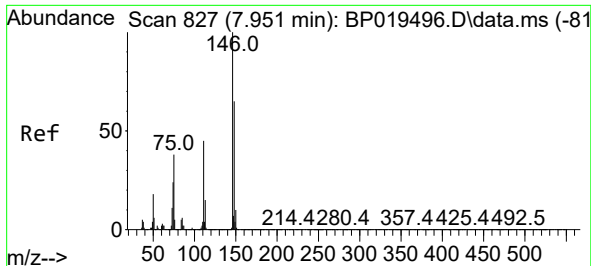
Ion Ratio Lower Upper

146 100

148 64.7 50.4 75.6

75 35.8 29.9 44.9

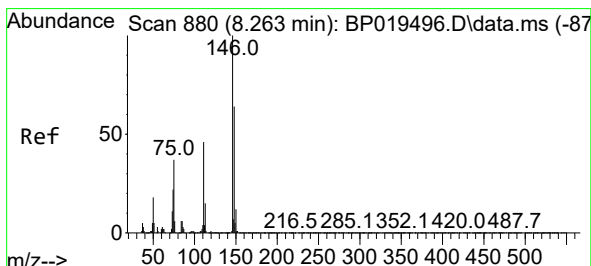
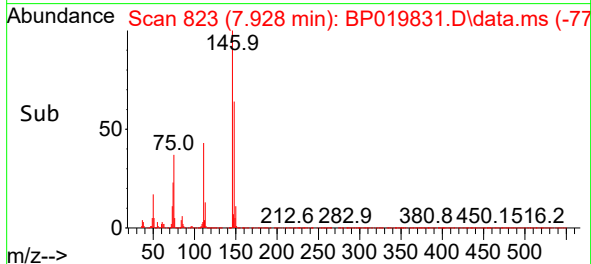
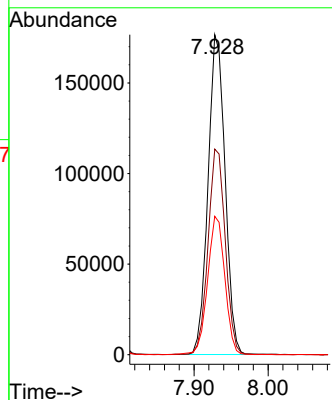
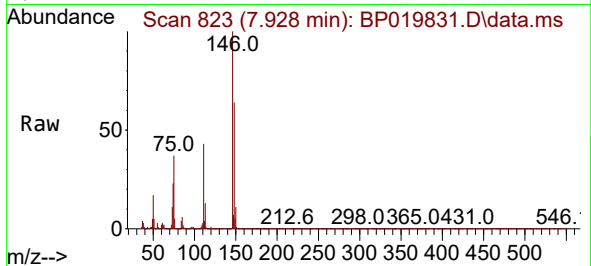




#13
1,4-Dichlorobenzene
Concen: 38.735 ng
RT: 7.928 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019831.D
Acq: 22 Feb 2024 18:56

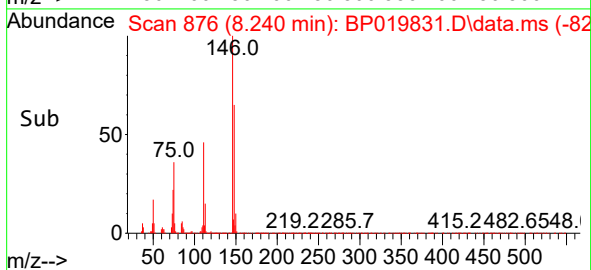
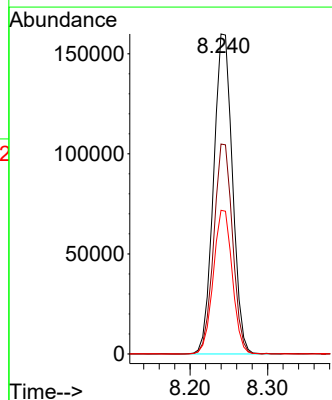
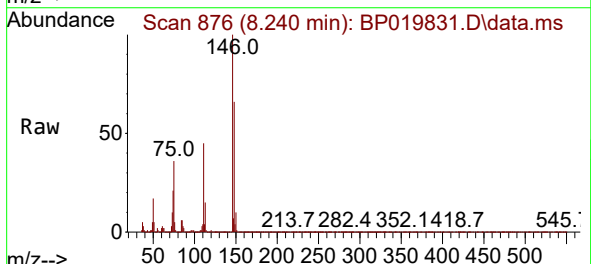
Instrument :
BNA_P
ClientSampleId :
336MSD

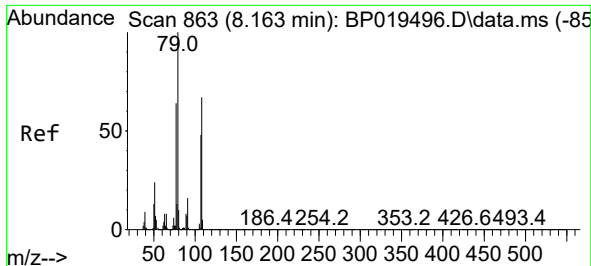
Tgt Ion:146 Resp: 282635
Ion Ratio Lower Upper
146 100
148 64.2 51.9 77.9
111 43.3 35.8 53.6



#14
1,2-Dichlorobenzene
Concen: 38.415 ng
RT: 8.240 min Scan# 876
Delta R.T. -0.012 min
Lab File: BP019831.D
Acq: 22 Feb 2024 18:56

Tgt Ion:146 Resp: 271209
Ion Ratio Lower Upper
146 100
148 65.6 51.4 77.0
111 44.9 37.0 55.6

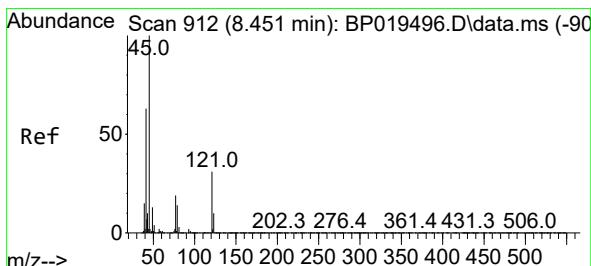
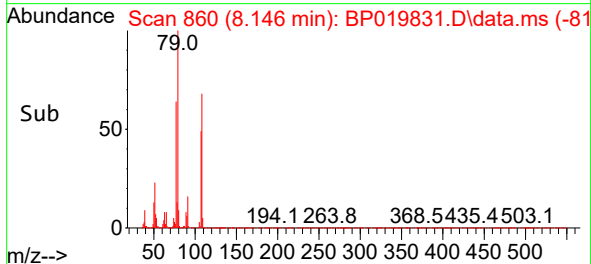
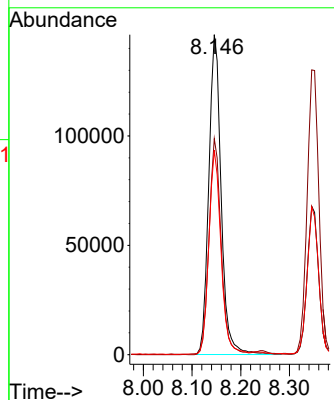
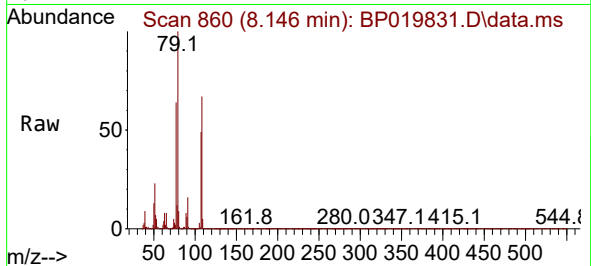




#15
Benzyl Alcohol
Concen: 41.485 ng
RT: 8.146 min Scan# 801
Delta R.T. -0.006 min
Lab File: BP019831.D
Acq: 22 Feb 2024 18:56

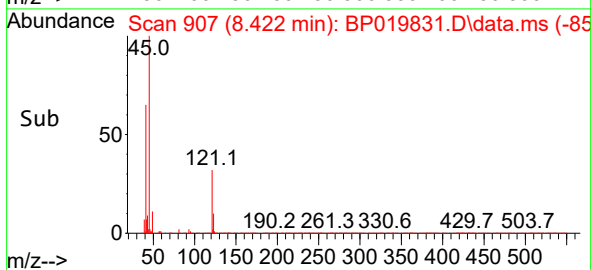
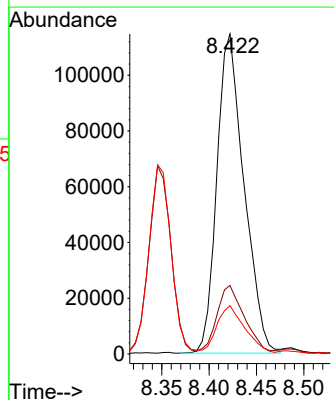
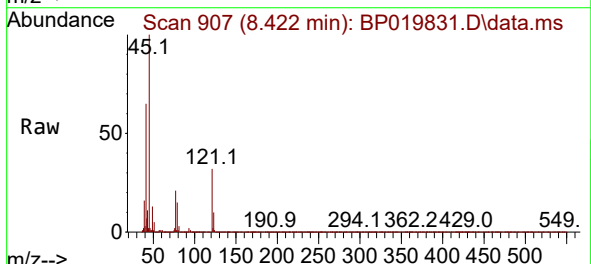
Instrument :
BNA_P
ClientSampleId :
336MSD

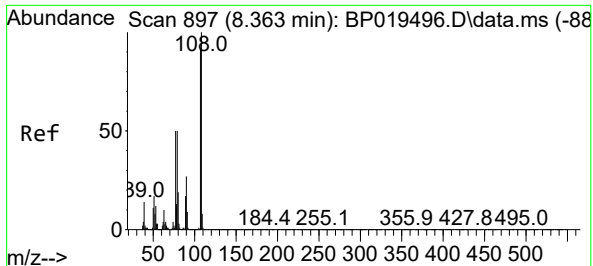
Tgt Ion: 79 Resp: 256229
Ion Ratio Lower Upper
79 100
108 67.5 53.8 80.6
77 63.9 51.3 76.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.085 ng
RT: 8.422 min Scan# 907
Delta R.T. -0.018 min
Lab File: BP019831.D
Acq: 22 Feb 2024 18:56

Tgt Ion: 45 Resp: 228281
Ion Ratio Lower Upper
45 100
77 21.4 0.8 40.8
79 15.1 0.0 35.5

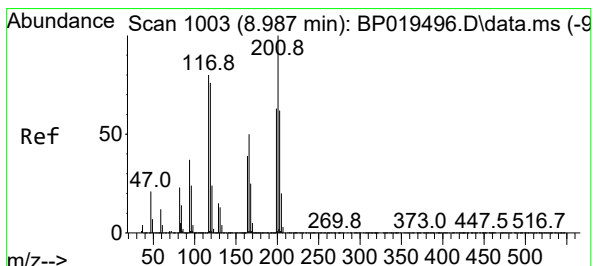
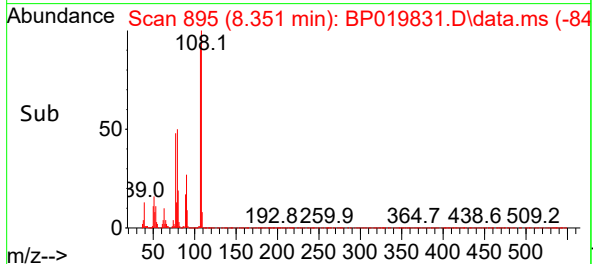
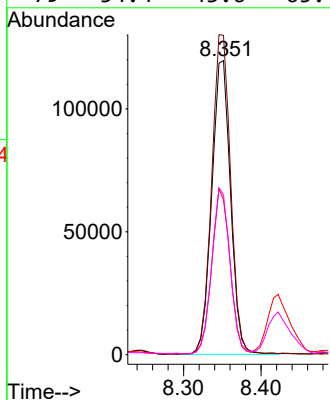
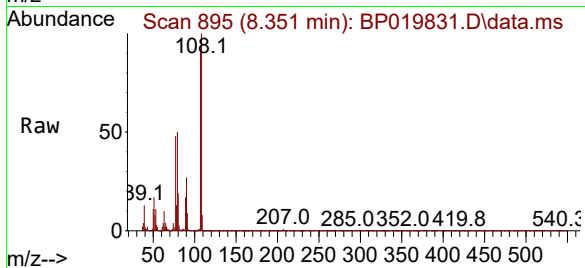




#17
2-Methylphenol
Concen: 38.814 ng
RT: 8.351 min Scan# 895
Delta R.T. 0.006 min
Lab File: BP019831.D
Acq: 22 Feb 2024 18:56

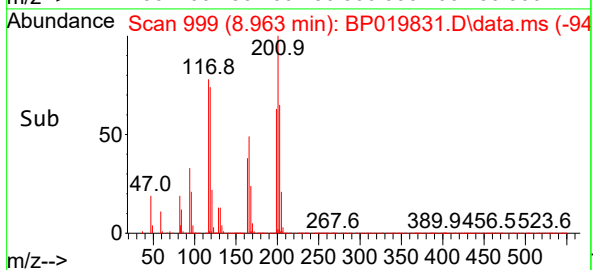
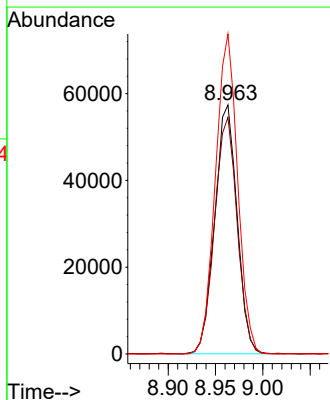
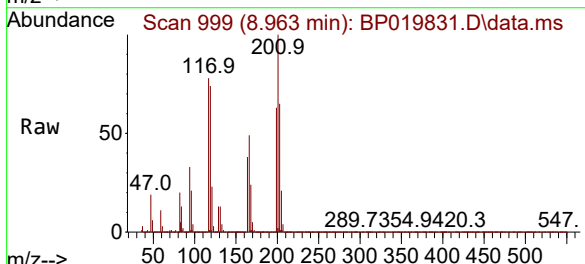
Instrument :
BNA_P
ClientSampleId :
336MSD

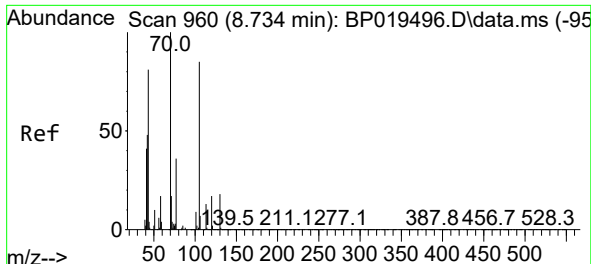
Tgt Ion:	107	Resp:	201326
Ion	Ratio	Lower	Upper
107	100		
108	108.6	87.0	130.6
77	52.6	43.5	65.3
79	54.4	43.6	65.4



#18
Hexachloroethane
Concen: 33.334 ng
RT: 8.963 min Scan# 999
Delta R.T. -0.006 min
Lab File: BP019831.D
Acq: 22 Feb 2024 18:56

Tgt Ion:	117	Resp:	94278
Ion	Ratio	Lower	Upper
117	100		
119	95.0	75.5	113.3
201	128.5	99.4	149.2

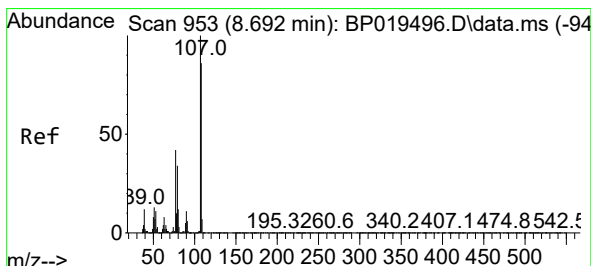
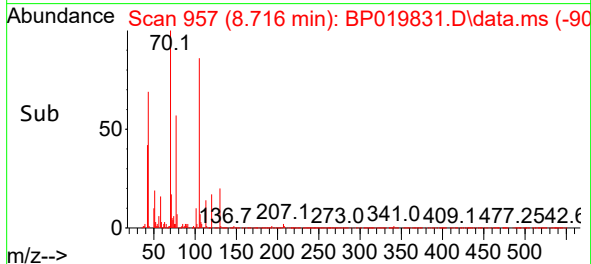
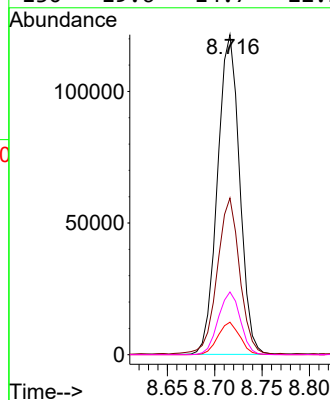
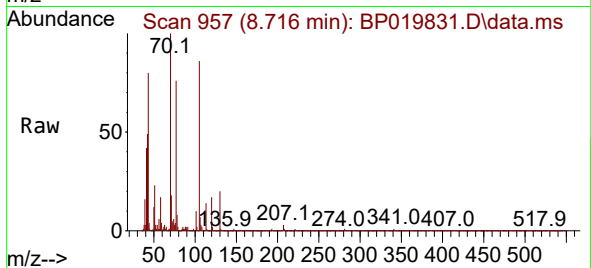




#19
n-Nitroso-di-n-propylamine
Concen: 37.388 ng
RT: 8.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP019831.D
Acq: 22 Feb 2024 18:56

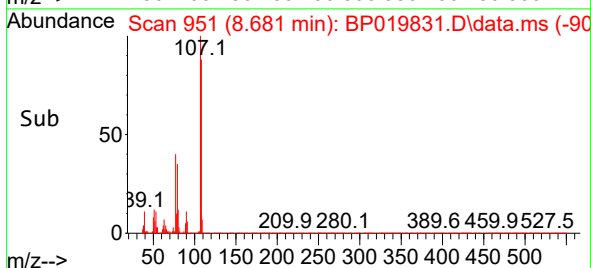
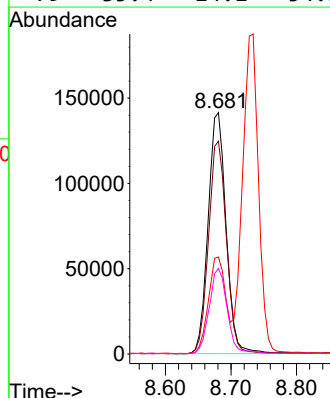
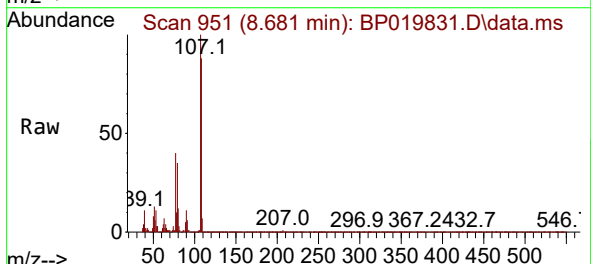
Instrument :
BNA_P
ClientSampleId :
336MSD

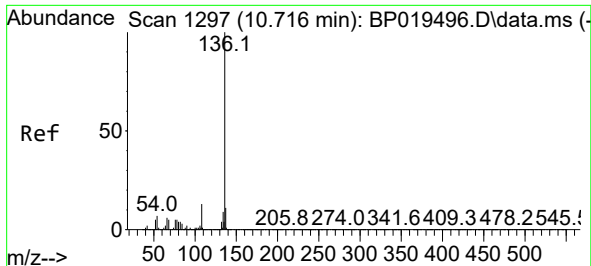
Tgt Ion: 70 Resp: 197408
Ion Ratio Lower Upper
70 100
42 48.9 39.2 58.8
101 10.1 7.3 10.9
130 19.6 14.7 22.1



#20
3+4-Methylphenols
Concen: 38.081 ng
RT: 8.681 min Scan# 951
Delta R.T. -0.000 min
Lab File: BP019831.D
Acq: 22 Feb 2024 18:56

Tgt Ion: 107 Resp: 269575
Ion Ratio Lower Upper
107 100
108 88.2 65.5 105.5
77 40.2 21.8 61.8
79 35.4 14.1 54.1

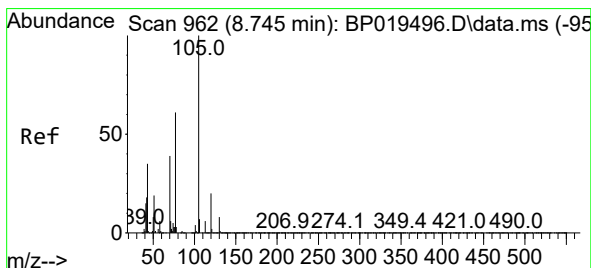
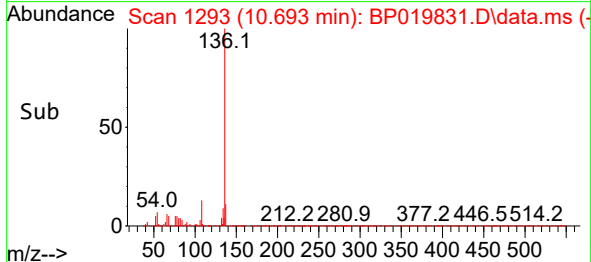
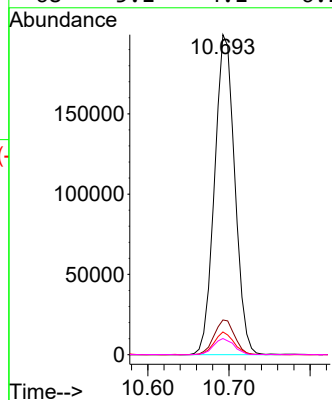
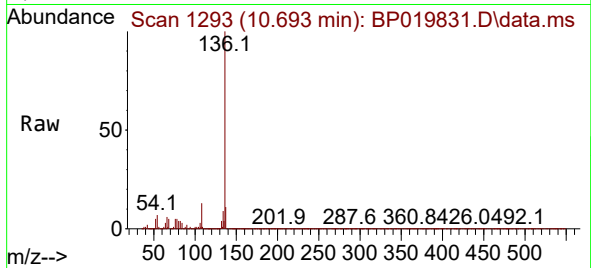




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.693 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP019831.D
Acq: 22 Feb 2024 18:56

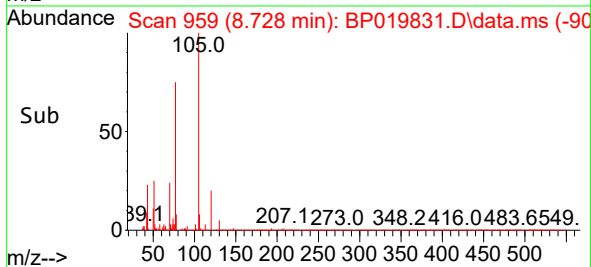
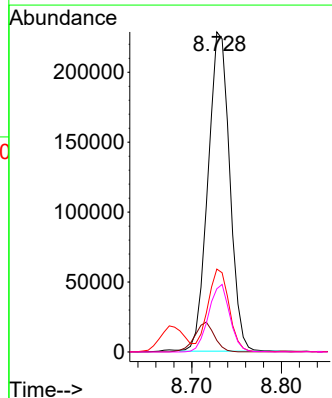
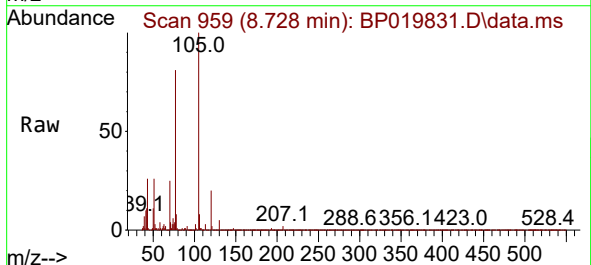
Instrument :
BNA_P
ClientSampleId :
336MSD

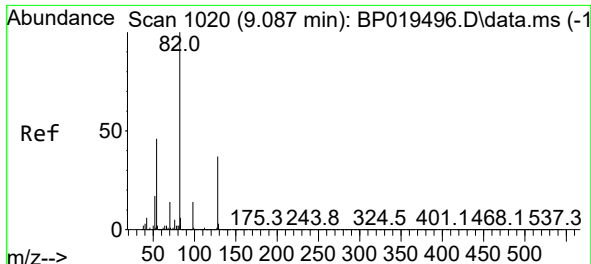
Tgt Ion:	136	Resp:	344973
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.1	5.3	7.9
68	5.1	4.1	6.1



#22
Acetophenone
Concen: 38.976 ng
RT: 8.728 min Scan# 959
Delta R.T. -0.006 min
Lab File: BP019831.D
Acq: 22 Feb 2024 18:56

Tgt Ion:	105	Resp:	383050
Ion	Ratio	Lower	Upper
105	100		
71	3.6	4.9	7.3
51	25.9	20.7	31.1
120	19.7	15.8	23.8





#23

Nitrobenzene-d5

Concen: 76.814 ng

RT: 9.069 min Scan# 1017

Delta R.T. -0.000 min

Lab File: BP019831.D

Acq: 22 Feb 2024 18:56

Instrument :

BNA_P

ClientSampleId :

336MSD

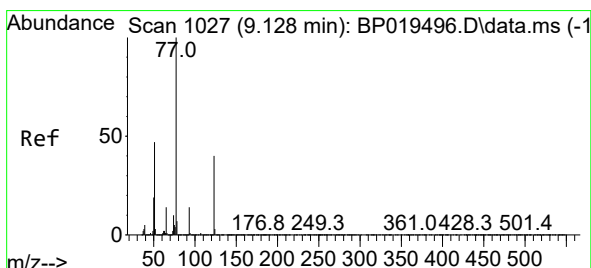
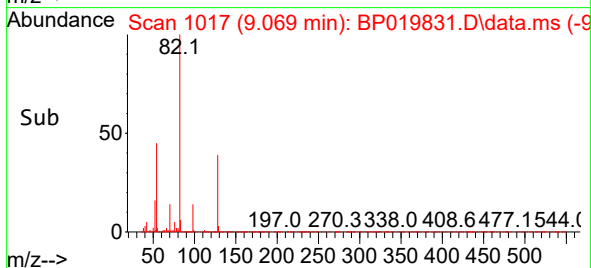
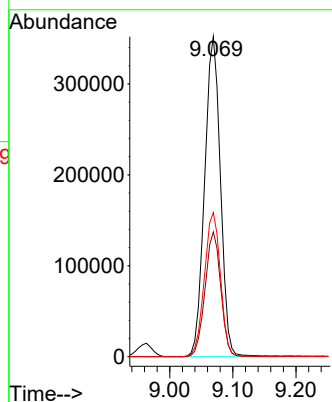
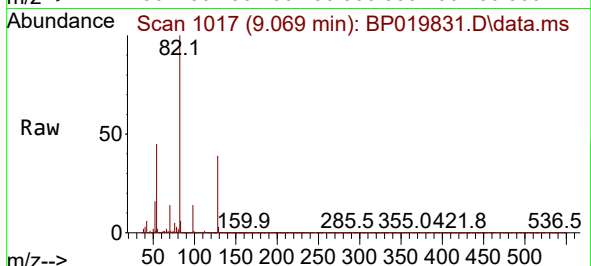
Tgt Ion: 82 Resp: 611538

Ion Ratio Lower Upper

82 100

128 39.0 29.7 44.5

54 45.1 36.8 55.2



#24

Nitrobenzene

Concen: 37.636 ng

RT: 9.110 min Scan# 1024

Delta R.T. -0.006 min

Lab File: BP019831.D

Acq: 22 Feb 2024 18:56

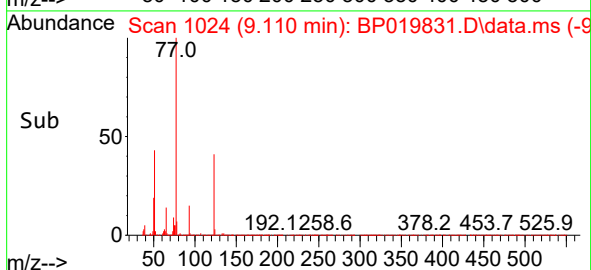
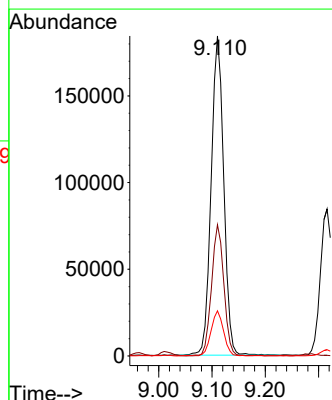
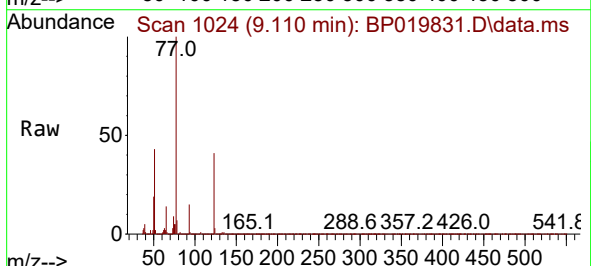
Tgt Ion: 77 Resp: 301683

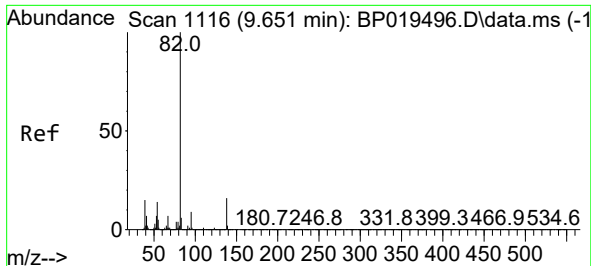
Ion Ratio Lower Upper

77 100

123 41.0 32.3 48.5

65 14.1 11.6 17.4

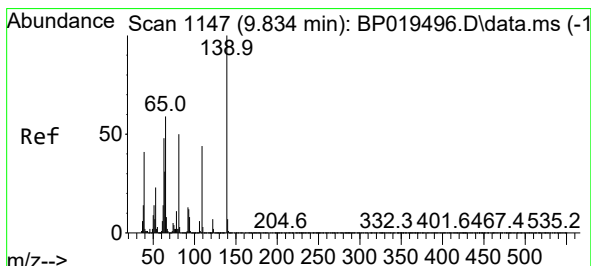
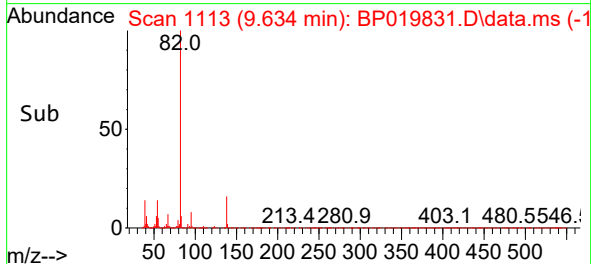
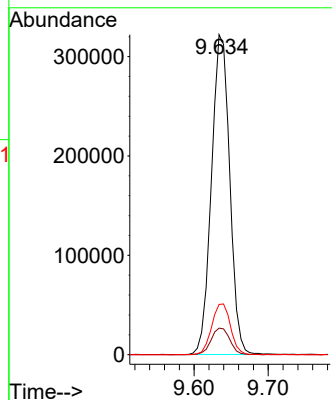
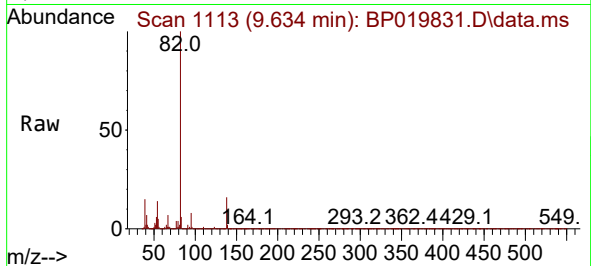




#25
Isophorone
Concen: 39.765 ng
RT: 9.634 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BP019831.D
Acq: 22 Feb 2024 18:56

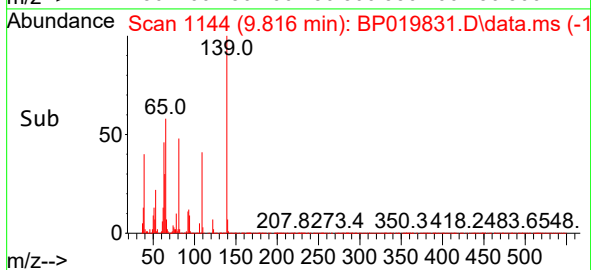
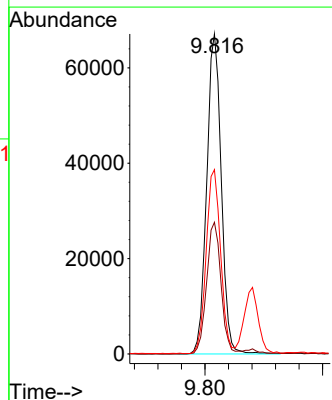
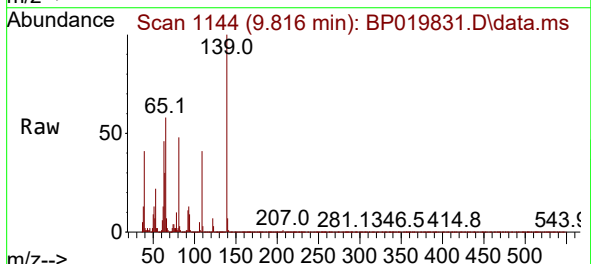
Instrument :
BNA_P
ClientSampleId :
336MSD

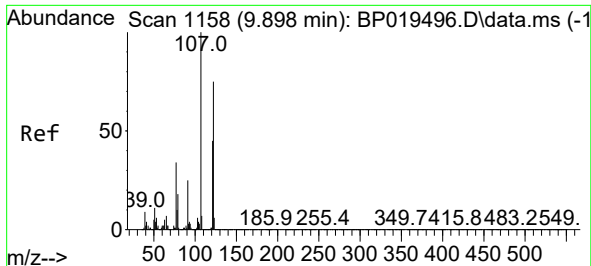
Tgt Ion: 82 Resp: 551346
Ion Ratio Lower Upper
82 100
95 8.3 7.0 10.4
138 15.7 13.1 19.7



#26
2-Nitrophenol
Concen: 37.569 ng
RT: 9.816 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BP019831.D
Acq: 22 Feb 2024 18:56

Tgt Ion: 139 Resp: 114823
Ion Ratio Lower Upper
139 100
109 41.2 34.9 52.3
65 57.6 47.5 71.3





#27

2,4-Dimethylphenol

Concen: 45.838 ng

RT: 9.881 min Scan# 1155

Delta R.T. -0.000 min

Lab File: BP019831.D

Acq: 22 Feb 2024 18:56

Instrument :

BNA_P

ClientSampleId :

336MSD

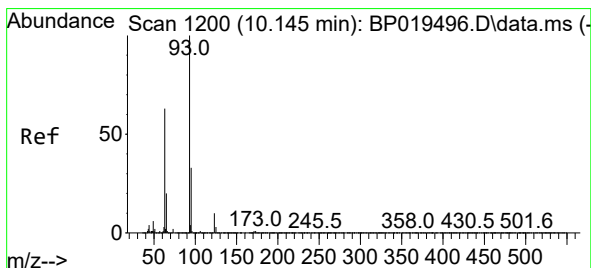
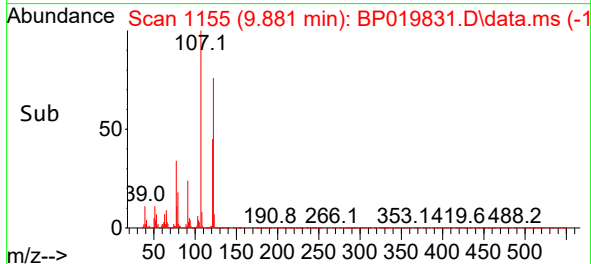
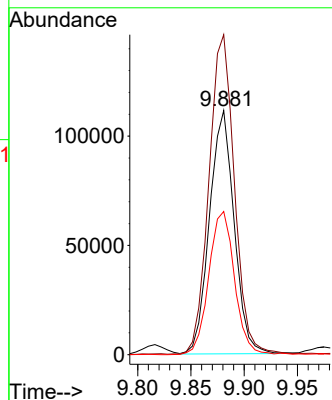
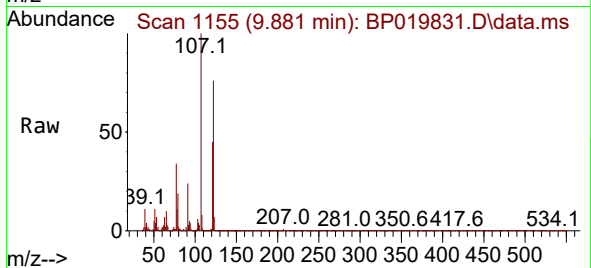
Tgt Ion:122 Resp: 179144

Ion Ratio Lower Upper

122 100

107 131.1 105.9 158.9

121 58.7 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 39.323 ng

RT: 10.122 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BP019831.D

Acq: 22 Feb 2024 18:56

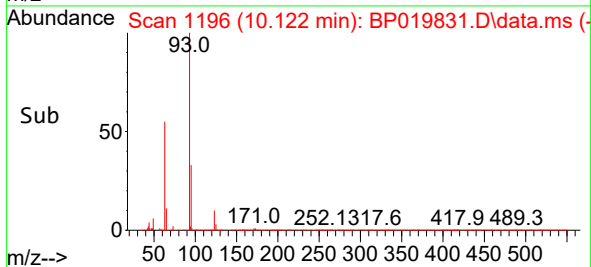
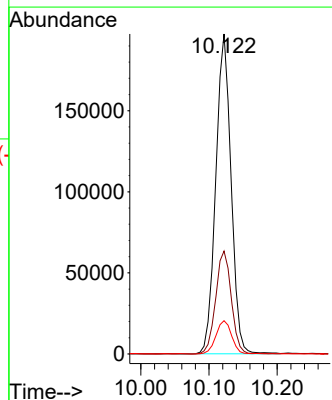
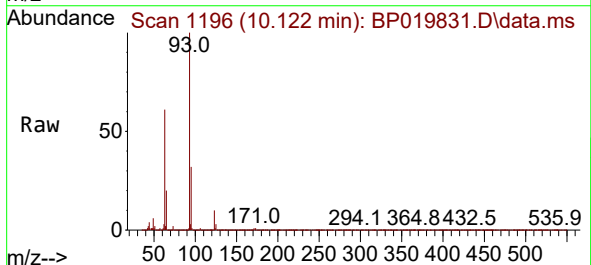
Tgt Ion: 93 Resp: 308474

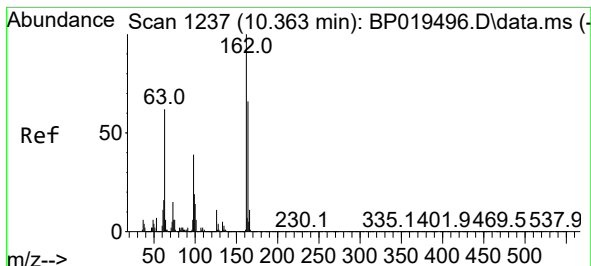
Ion Ratio Lower Upper

93 100

95 32.2 26.2 39.4

123 10.4 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 44.192 ng

RT: 10.351 min Scan# 1235

Delta R.T. -0.000 min

Lab File: BP019831.D

Acq: 22 Feb 2024 18:56

Instrument :

BNA_P

ClientSampleId :

336MSD

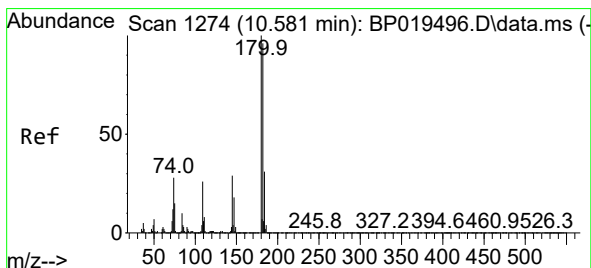
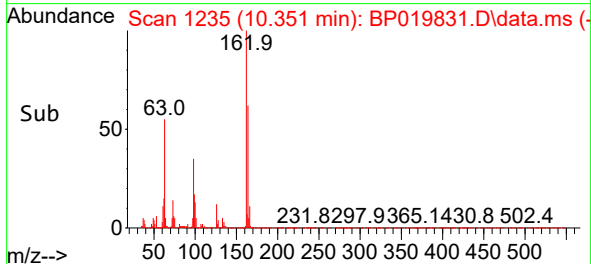
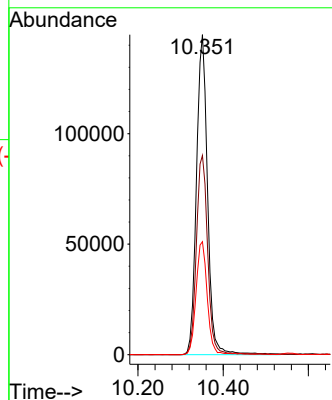
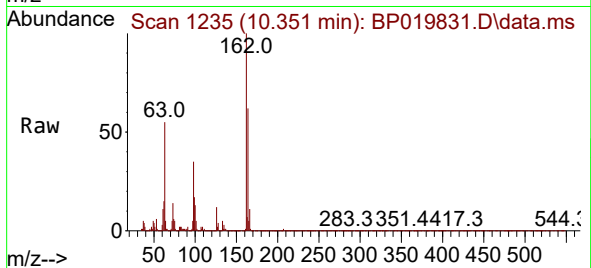
Tgt Ion:162 Resp: 261074

Ion Ratio Lower Upper

162 100

164 62.3 46.0 86.0

98 35.3 18.7 58.7



#30

1,2,4-Trichlorobenzene

Concen: 41.261 ng

RT: 10.557 min Scan# 1270

Delta R.T. -0.006 min

Lab File: BP019831.D

Acq: 22 Feb 2024 18:56

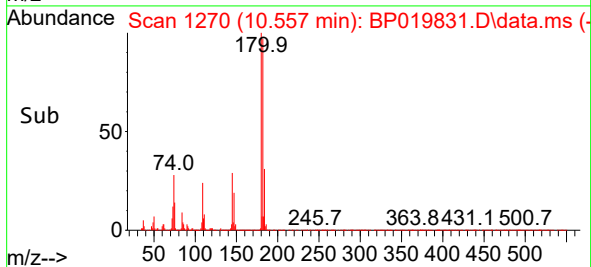
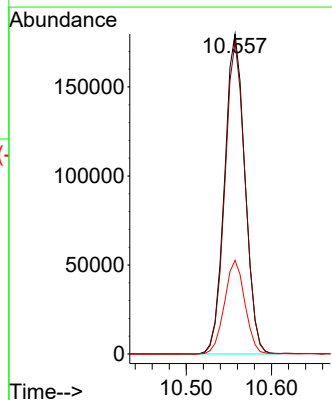
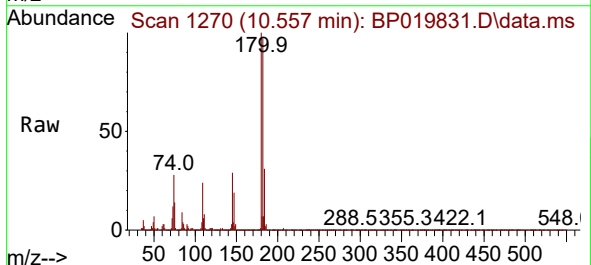
Tgt Ion:180 Resp: 298884

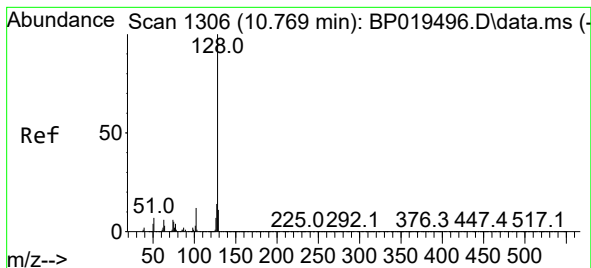
Ion Ratio Lower Upper

180 100

182 97.4 77.0 115.6

145 29.3 23.2 34.8

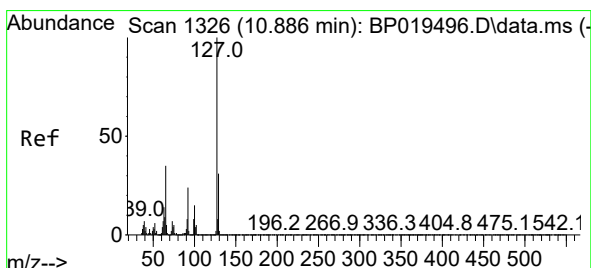
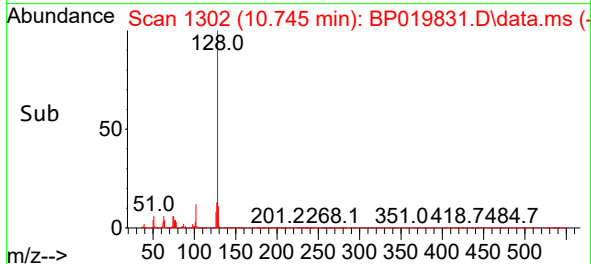
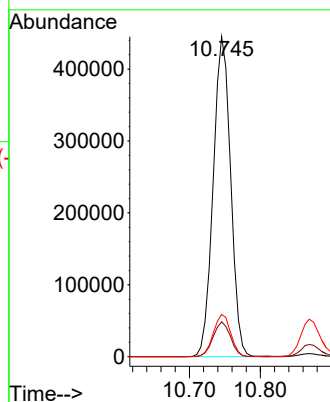
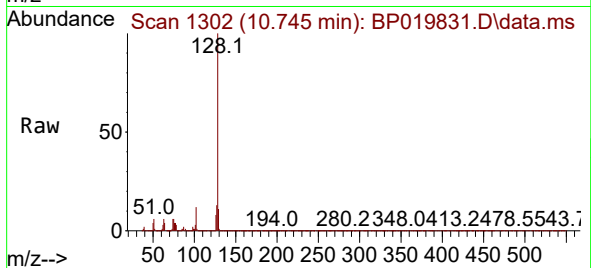




#31
Naphthalene
Concen: 40.087 ng
RT: 10.745 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP019831.D
Acq: 22 Feb 2024 18:56

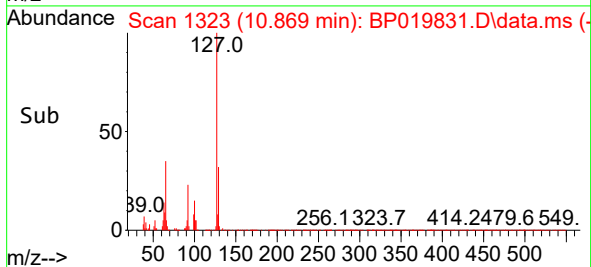
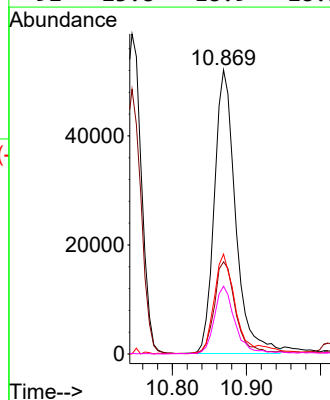
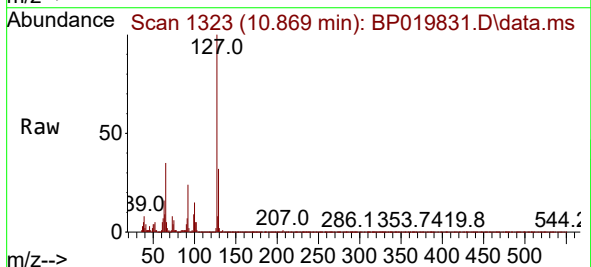
Instrument :
BNA_P
ClientSampleId :
336MSD

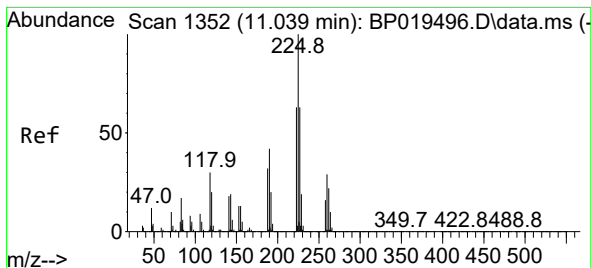
Tgt Ion:128 Resp: 758457
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.2 10.8 16.2



#33
4-Chloroaniline
Concen: 14.782 ng
RT: 10.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BP019831.D
Acq: 22 Feb 2024 18:56

Tgt Ion:127 Resp: 103429
Ion Ratio Lower Upper
127 100
129 32.5 24.6 36.8
65 35.1 28.2 42.4
92 23.8 18.9 28.3





#34

Hexachlorobutadiene

Concen: 40.873 ng

RT: 11.010 min Scan# 11

Delta R.T. -0.012 min

Lab File: BP019831.D

Acq: 22 Feb 2024 18:56

Instrument :

BNA_P

ClientSampleId :

336MSD

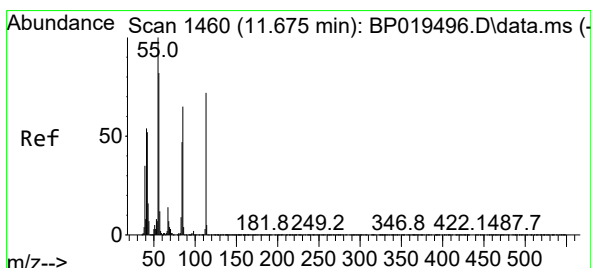
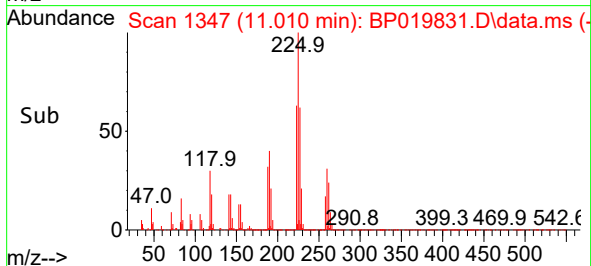
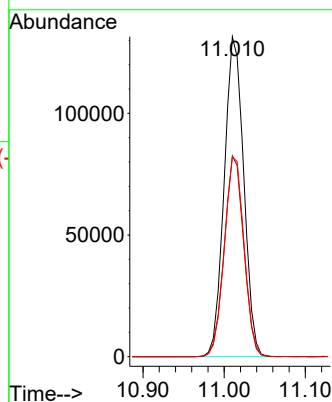
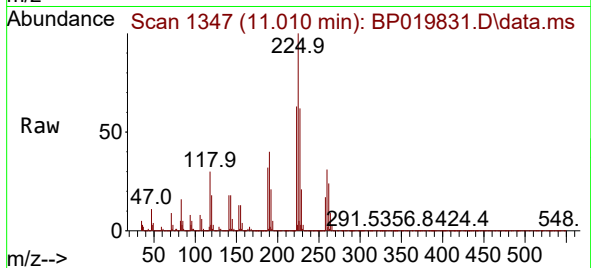
Tgt Ion:225 Resp: 219398

Ion Ratio Lower Upper

225 100

223 62.8 50.5 75.7

227 62.5 50.2 75.2



#35

Caprolactam

Concen: 40.117 ng

RT: 11.687 min Scan# 1462

Delta R.T. 0.006 min

Lab File: BP019831.D

Acq: 22 Feb 2024 18:56

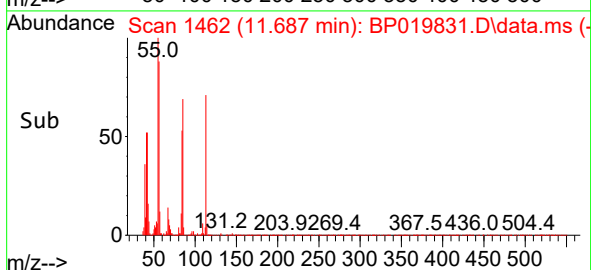
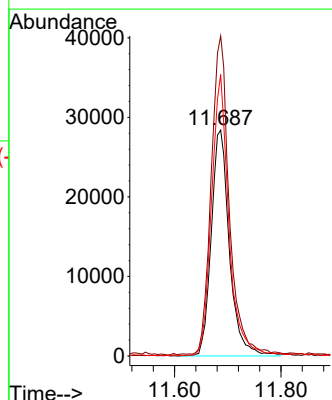
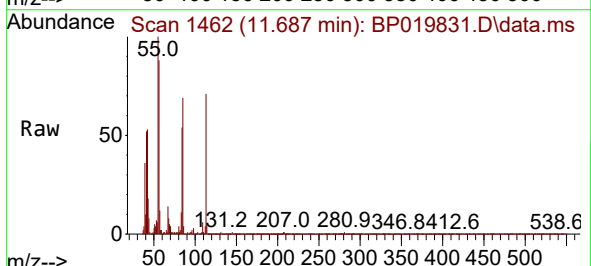
Tgt Ion:113 Resp: 67094

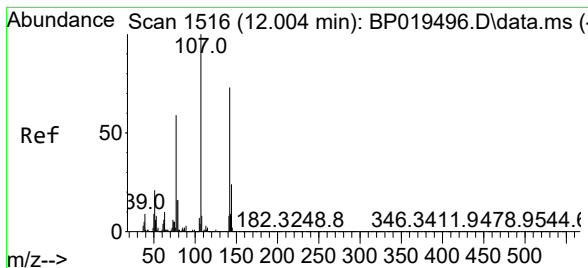
Ion Ratio Lower Upper

113 100

55 141.6 120.0 160.0

56 124.6 94.0 134.0

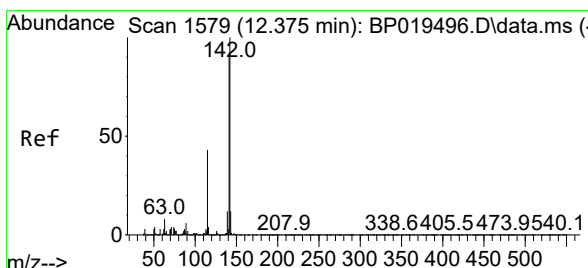
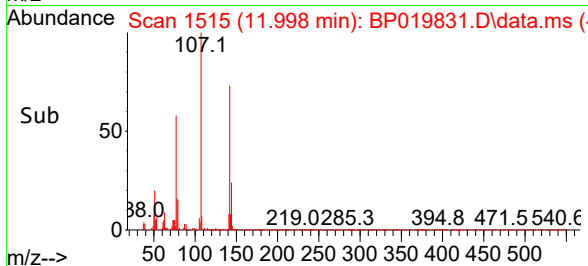
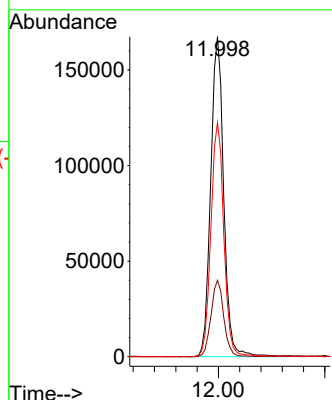
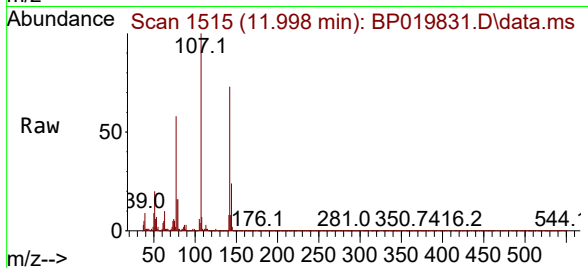




#36
4-Chloro-3-methylphenol
Concen: 43.934 ng
RT: 11.998 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP019831.D
Acq: 22 Feb 2024 18:56

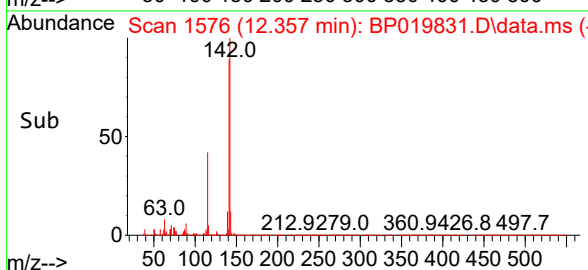
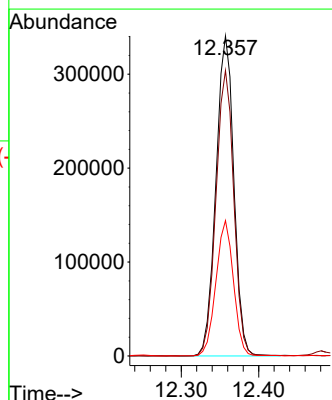
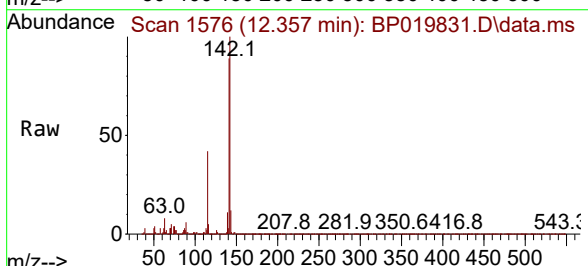
Instrument :
BNA_P
ClientSampleId :
336MSD

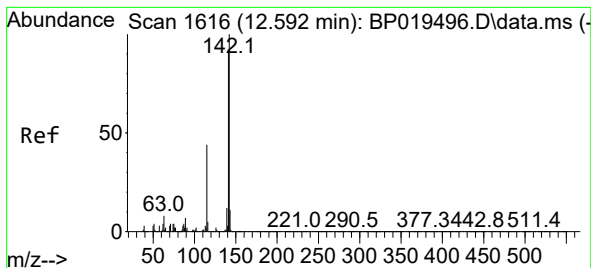
Tgt Ion:107 Resp: 283013
Ion Ratio Lower Upper
107 100
144 23.8 19.0 28.4
142 73.1 58.6 88.0



#37
2-Methylnaphthalene
Concen: 41.856 ng
RT: 12.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BP019831.D
Acq: 22 Feb 2024 18:56

Tgt Ion:142 Resp: 548045
Ion Ratio Lower Upper
142 100
141 89.2 72.2 108.4
115 42.3 34.2 51.2





#38

1-Methylnaphthalene

Concen: 40.363 ng

RT: 12.575 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP019831.D

Acq: 22 Feb 2024 18:56

Instrument :

BNA_P

ClientSampleId :

336MSD

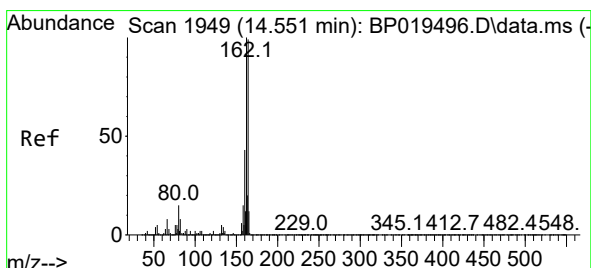
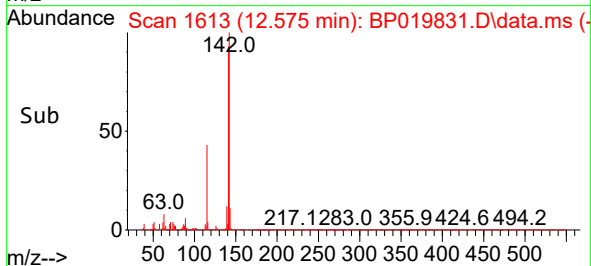
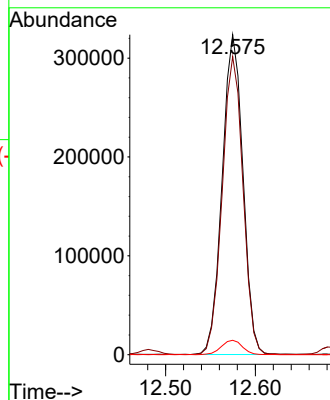
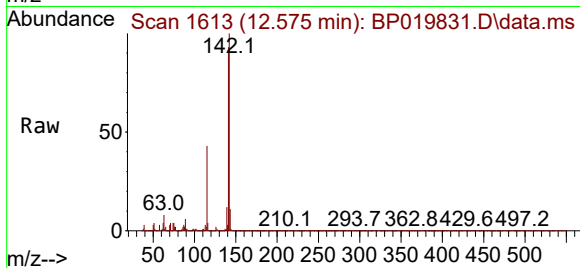
Tgt Ion:142 Resp: 519359

Ion Ratio Lower Upper

142 100

141 93.2 74.0 111.0

116 4.5 3.7 5.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.533 min Scan# 1946

Delta R.T. -0.006 min

Lab File: BP019831.D

Acq: 22 Feb 2024 18:56

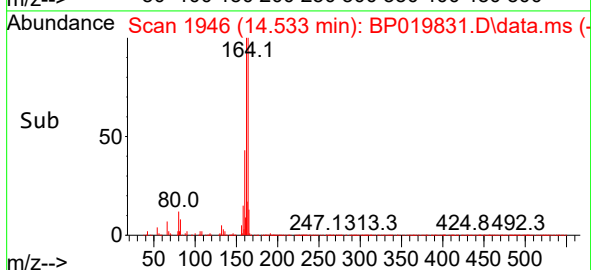
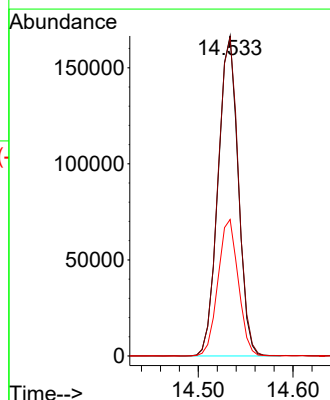
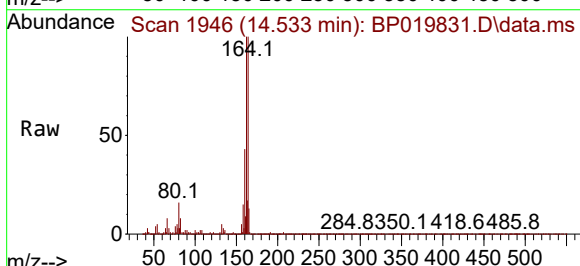
Tgt Ion:164 Resp: 245705

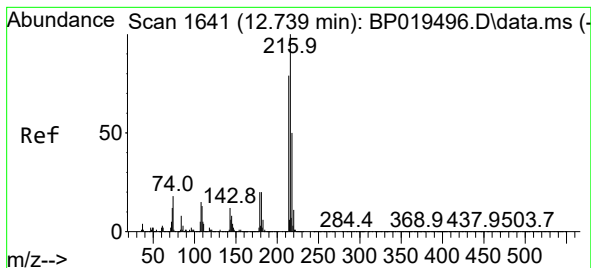
Ion Ratio Lower Upper

164 100

162 99.5 81.2 121.8

160 42.6 35.1 52.7





#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.454 ng

RT: 12.722 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP019831.D

Acq: 22 Feb 2024 18:56

Instrument :

BNA_P

ClientSampleId :

336MSD

Tgt Ion:216 Resp: 392817

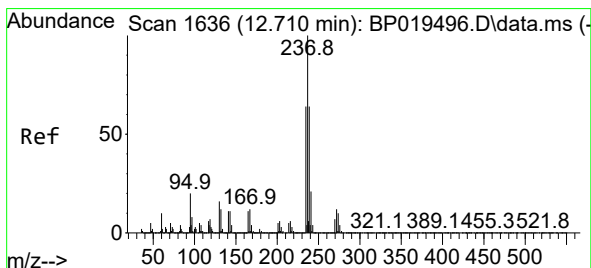
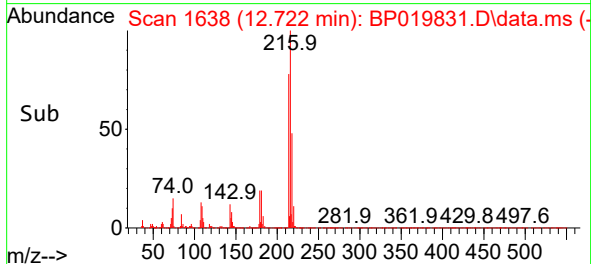
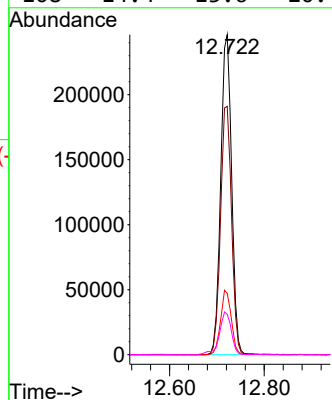
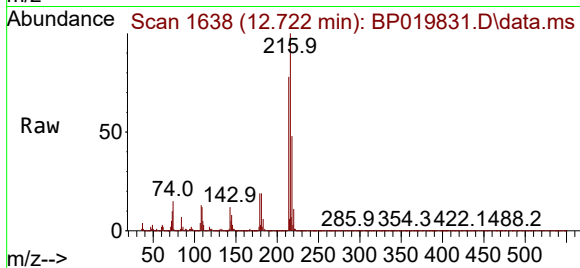
Ion Ratio Lower Upper

216 100

214 78.4 62.8 94.2

179 19.7 16.6 24.8

108 14.4 13.6 20.4



#41

Hexachlorocyclopentadiene

Concen: 27.825 ng

RT: 12.687 min Scan# 1632

Delta R.T. -0.006 min

Lab File: BP019831.D

Acq: 22 Feb 2024 18:56

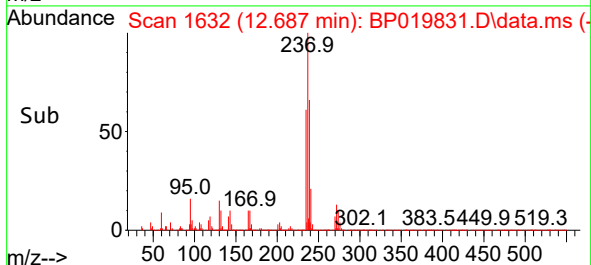
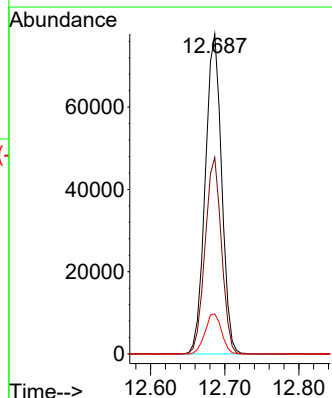
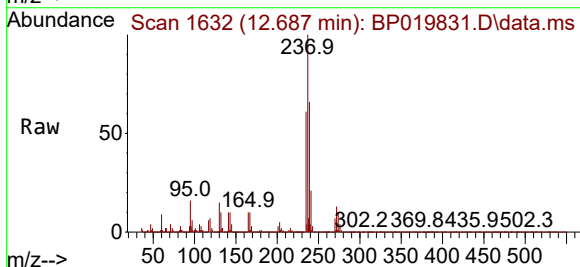
Tgt Ion:237 Resp: 119112

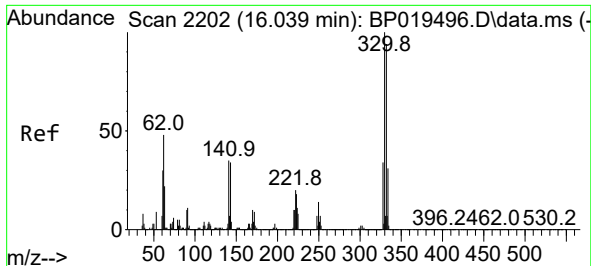
Ion Ratio Lower Upper

237 100

235 61.4 43.7 83.7

272 12.6 0.0 32.4

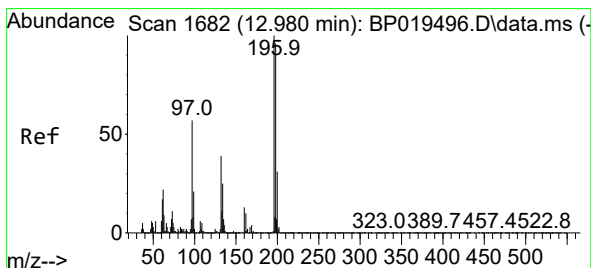
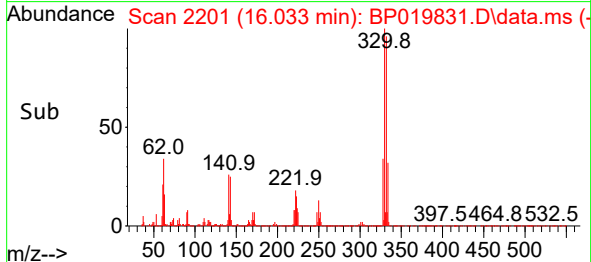
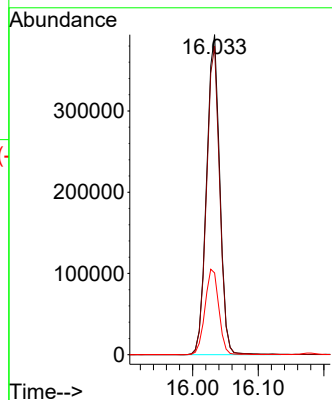
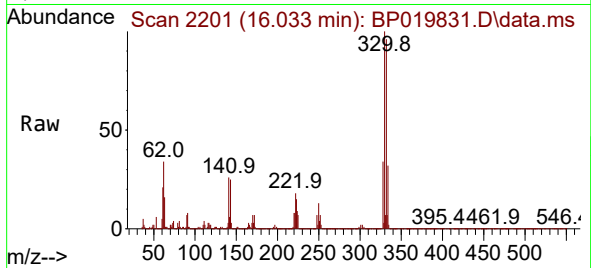




#42
2,4,6-Tribromophenol
Concen: 153.854 ng
RT: 16.033 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP019831.D
Acq: 22 Feb 2024 18:56

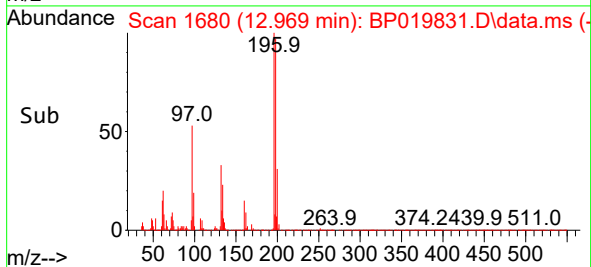
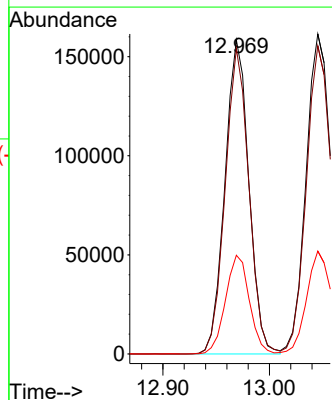
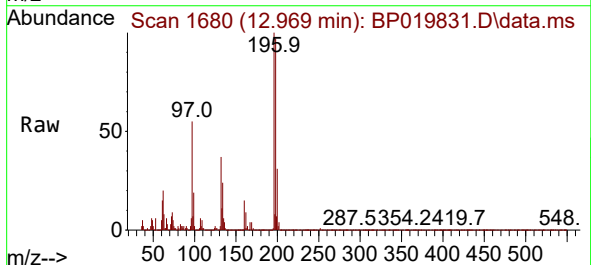
Instrument :
BNA_P
ClientSampleId :
336MSD

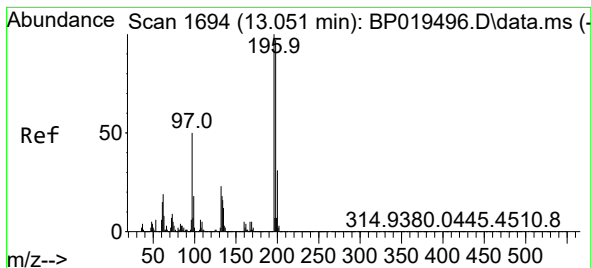
Tgt Ion:330 Resp: 551947
Ion Ratio Lower Upper
330 100
332 95.9 77.2 115.8
141 27.9 27.0 40.4



#43
2,4,6-Trichlorophenol
Concen: 43.241 ng
RT: 12.969 min Scan# 1680
Delta R.T. -0.006 min
Lab File: BP019831.D
Acq: 22 Feb 2024 18:56

Tgt Ion:196 Resp: 248111
Ion Ratio Lower Upper
196 100
198 97.3 76.7 115.1
200 31.5 24.6 36.8





#44

2,4,5-Trichlorophenol

Concen: 42.778 ng

RT: 13.045 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP019831.D

Acq: 22 Feb 2024 18:56

Instrument :

BNA_P

ClientSampleId :

336MSD

Tgt Ion:196 Resp: 269532

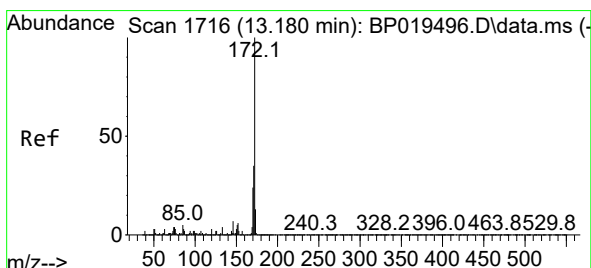
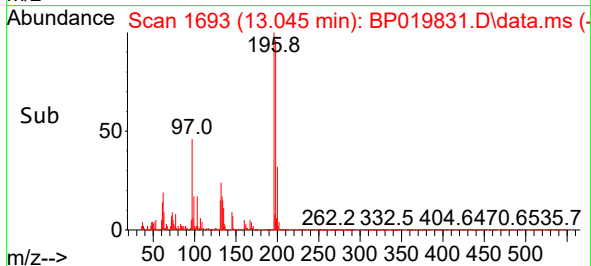
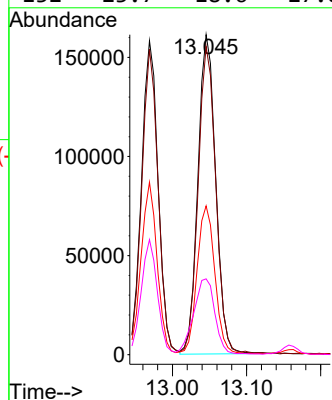
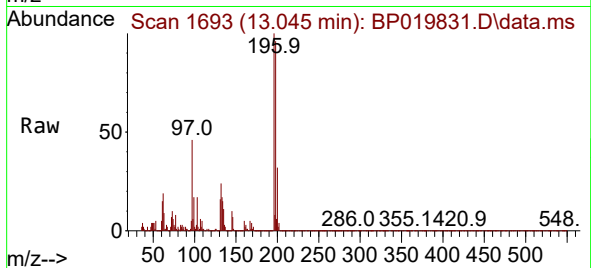
Ion Ratio Lower Upper

196 100

198 96.3 77.5 116.3

97 46.5 39.9 59.9

132 23.7 18.6 27.8



#45

2-Fluorobiphenyl

Concen: 74.036 ng

RT: 13.157 min Scan# 1712

Delta R.T. -0.006 min

Lab File: BP019831.D

Acq: 22 Feb 2024 18:56

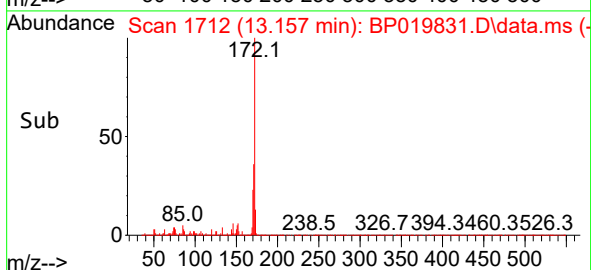
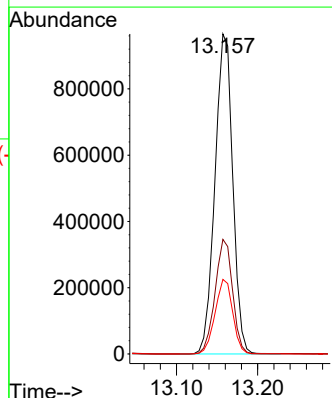
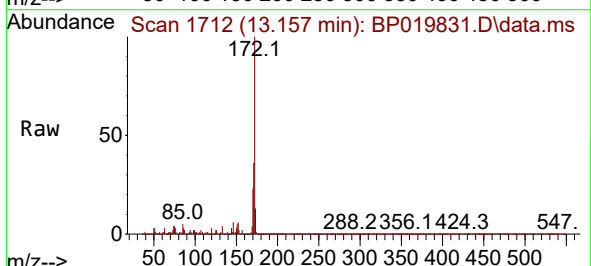
Tgt Ion:172 Resp: 1471490

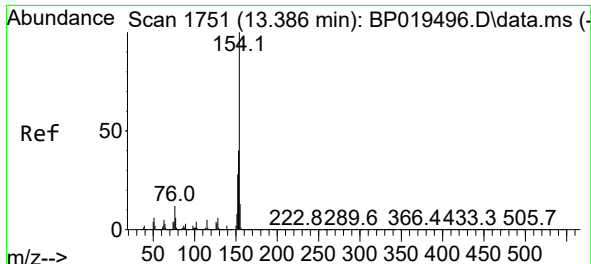
Ion Ratio Lower Upper

172 100

171 35.8 28.2 42.4

170 23.3 18.9 28.3

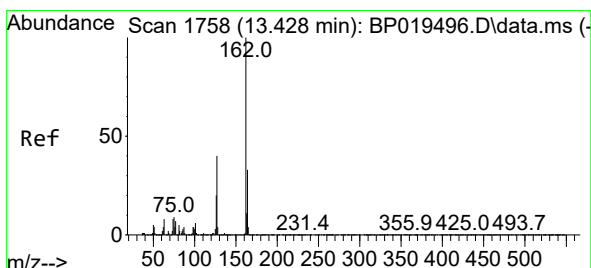
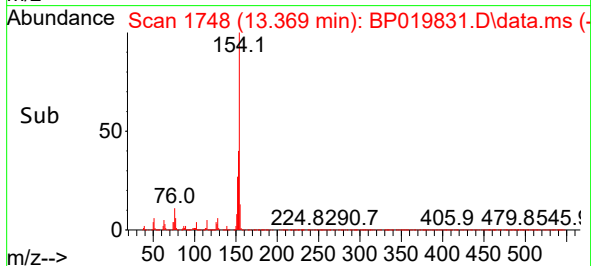
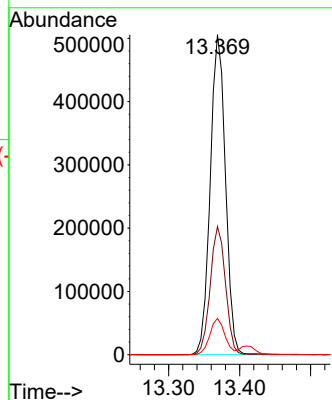
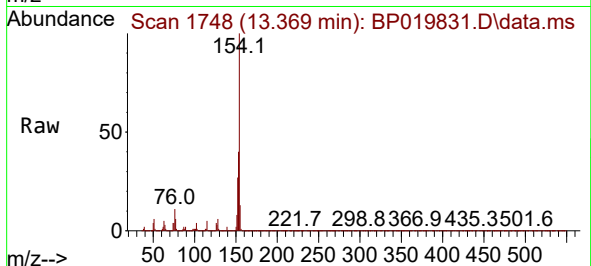




#46
1,1'-Biphenyl
Concen: 38.418 ng
RT: 13.369 min Scan# 1751
Delta R.T. -0.006 min
Lab File: BP019831.D
Acq: 22 Feb 2024 18:56

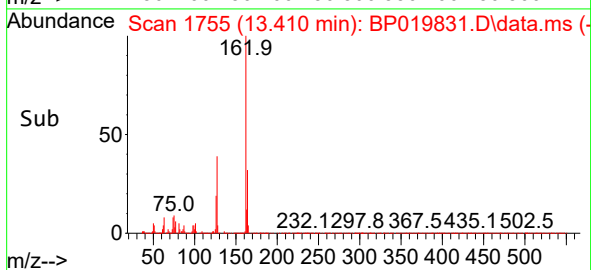
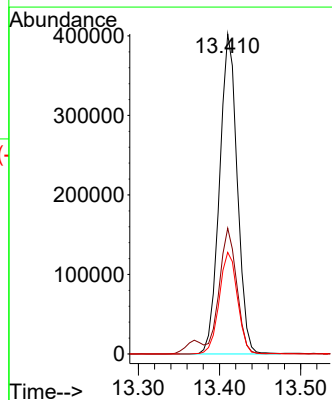
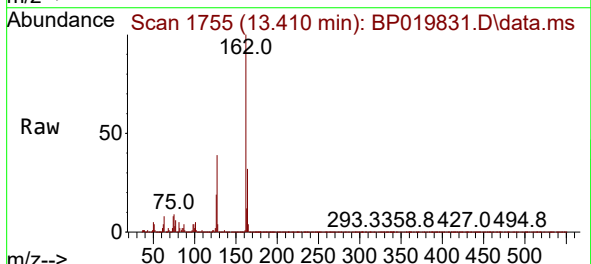
Instrument :
BNA_P
ClientSampleId :
336MSD

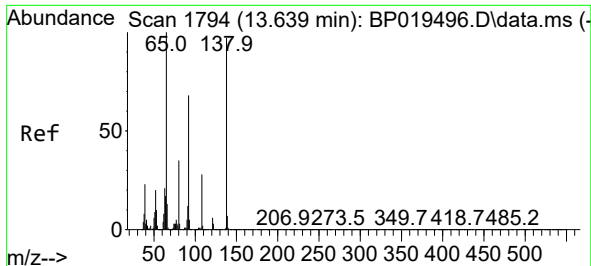
Tgt Ion:154 Resp: 753389
Ion Ratio Lower Upper
154 100
153 40.1 20.2 60.2
76 11.4 0.0 31.6



#47
2-Chloronaphthalene
Concen: 38.062 ng
RT: 13.410 min Scan# 1755
Delta R.T. -0.006 min
Lab File: BP019831.D
Acq: 22 Feb 2024 18:56

Tgt Ion:162 Resp: 612729
Ion Ratio Lower Upper
162 100
127 39.3 32.1 48.1
164 31.8 26.7 40.1

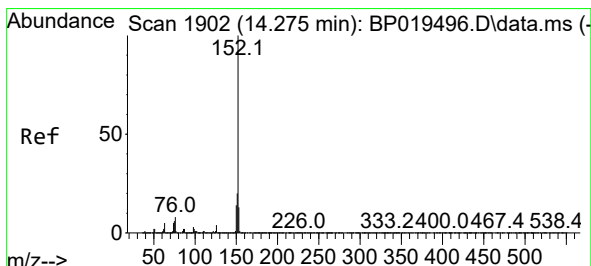
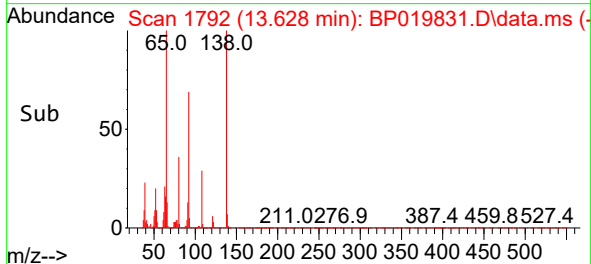
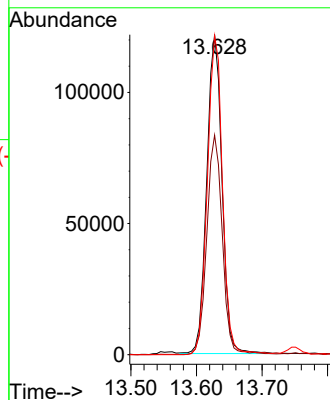
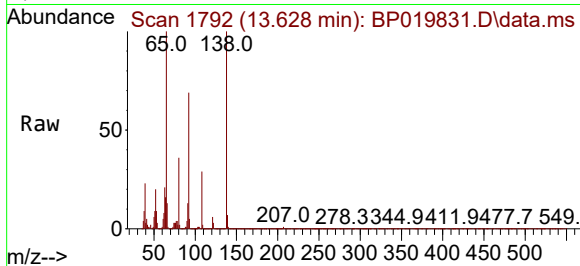




#48
2-Nitroaniline
Concen: 43.676 ng
RT: 13.628 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP019831.D
Acq: 22 Feb 2024 18:56

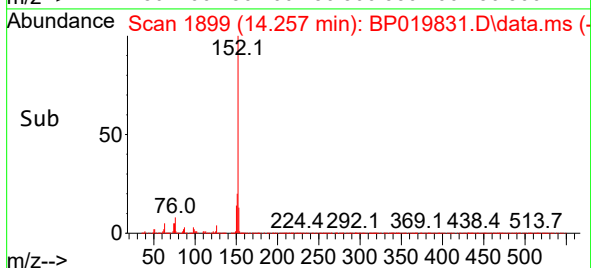
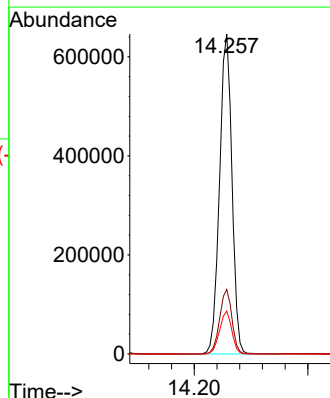
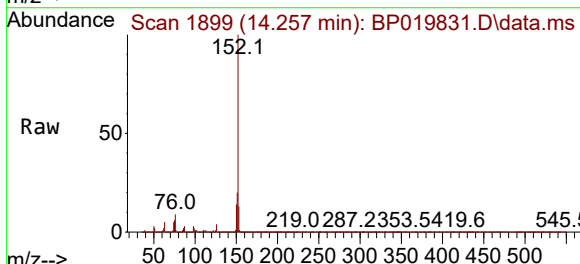
Instrument :
BNA_P
ClientSampleId :
336MSD

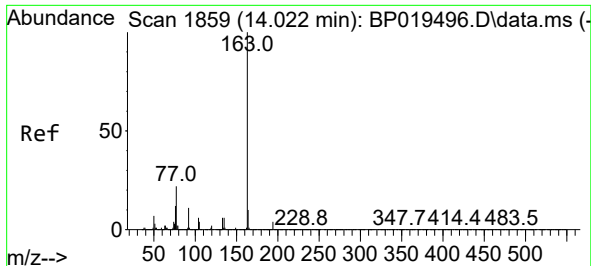
Tgt Ion: 65 Resp: 196598
Ion Ratio Lower Upper
65 100
92 68.6 54.7 82.1
138 99.6 77.8 116.6



#49
Acenaphthylene
Concen: 43.399 ng
RT: 14.257 min Scan# 1899
Delta R.T. -0.006 min
Lab File: BP019831.D
Acq: 22 Feb 2024 18:56

Tgt Ion: 152 Resp: 980158
Ion Ratio Lower Upper
152 100
151 20.2 15.8 23.6
153 13.4 10.6 15.8

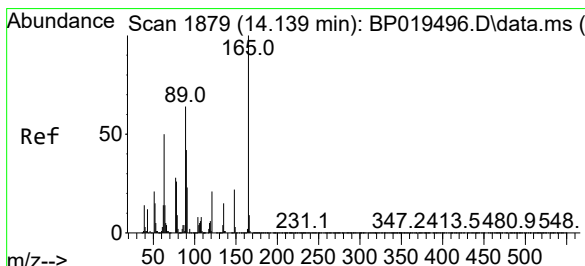
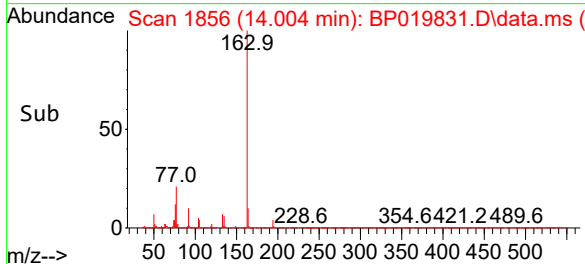
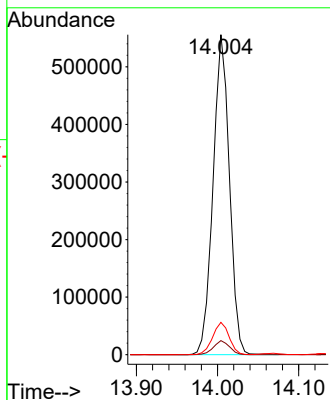
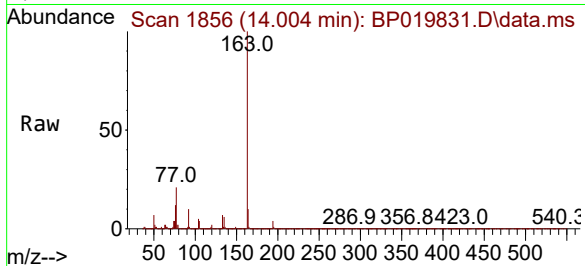




#50
Dimethylphthalate
Concen: 41.407 ng
RT: 14.004 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BP019831.D
Acq: 22 Feb 2024 18:56

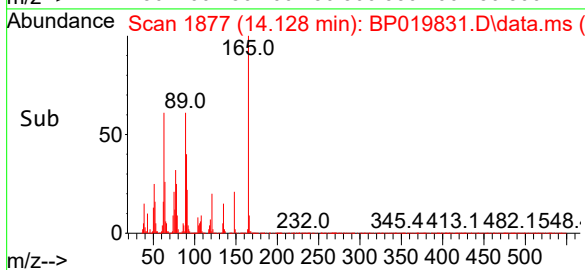
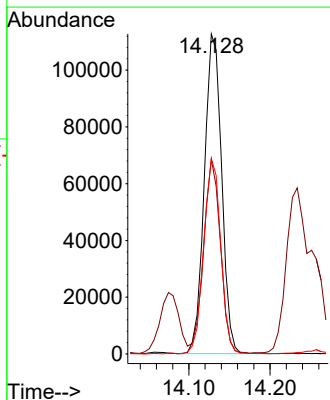
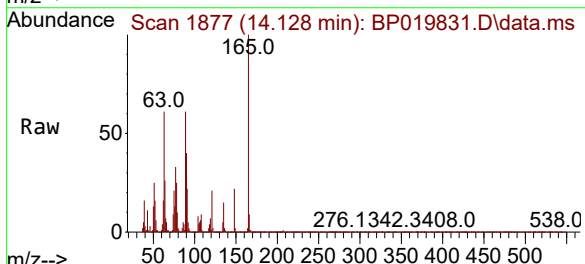
Instrument :
BNA_P
ClientSampleId :
336MSD

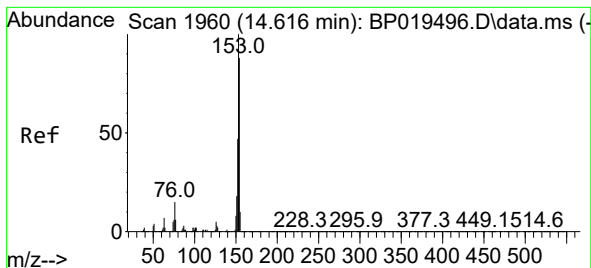
Tgt Ion:163 Resp: 778839
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 10.1 7.8 11.6



#51
2,6-Dinitrotoluene
Concen: 40.302 ng
RT: 14.128 min Scan# 1877
Delta R.T. -0.006 min
Lab File: BP019831.D
Acq: 22 Feb 2024 18:56

Tgt Ion:165 Resp: 166550
Ion Ratio Lower Upper
165 100
63 60.9 50.4 75.6
89 61.1 51.7 77.5





#52

Acenaphthene

Concen: 39.602 ng

RT: 14.598 min Scan# 1957

Delta R.T. -0.006 min

Lab File: BP019831.D

Acq: 22 Feb 2024 18:56

Instrument :

BNA_P

ClientSampleId :

336MSD

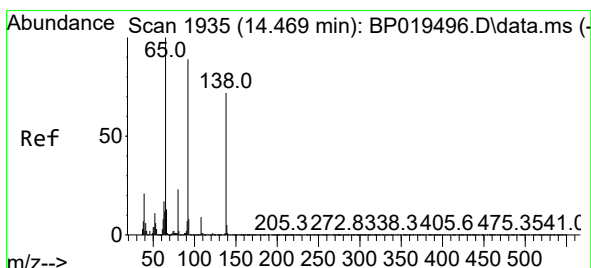
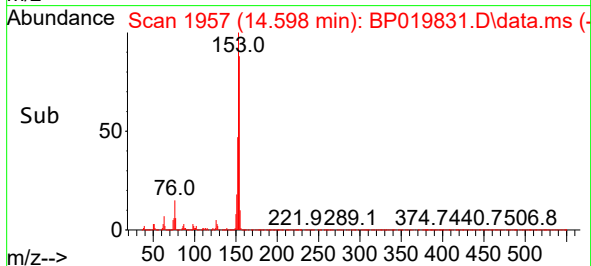
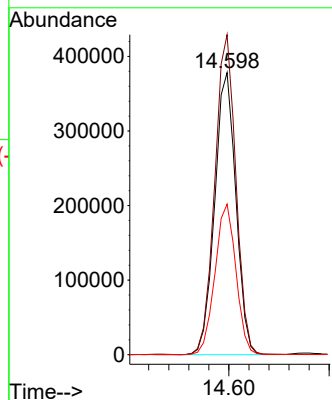
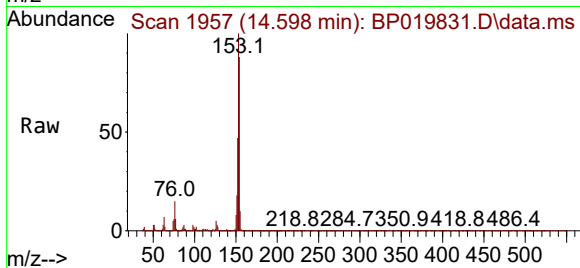
Tgt Ion:154 Resp: 555113

Ion Ratio Lower Upper

154 100

153 113.4 90.5 135.7

152 53.4 42.1 63.1



#53

3-Nitroaniline

Concen: 37.986 ng

RT: 14.457 min Scan# 1933

Delta R.T. -0.000 min

Lab File: BP019831.D

Acq: 22 Feb 2024 18:56

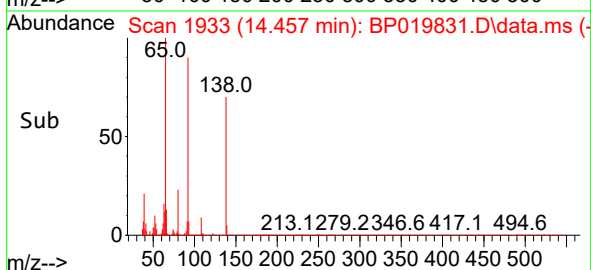
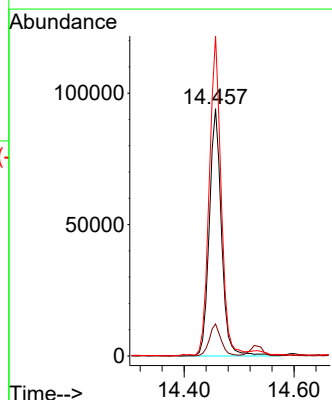
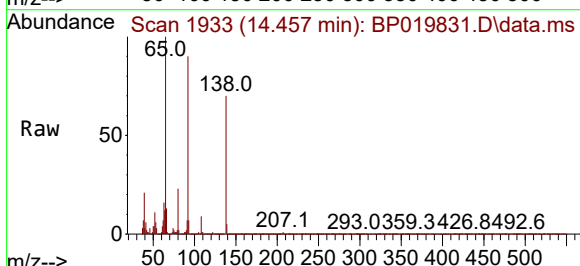
Tgt Ion:138 Resp: 144266

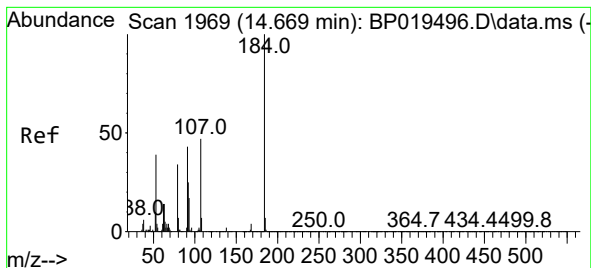
Ion Ratio Lower Upper

138 100

108 12.9 9.7 14.5

92 129.4 98.0 147.0

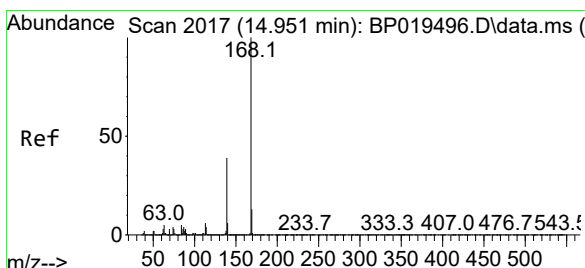
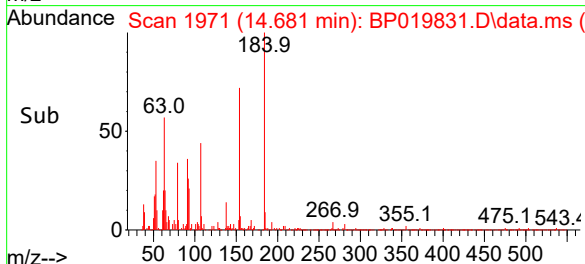
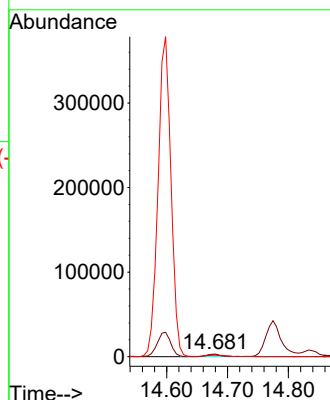
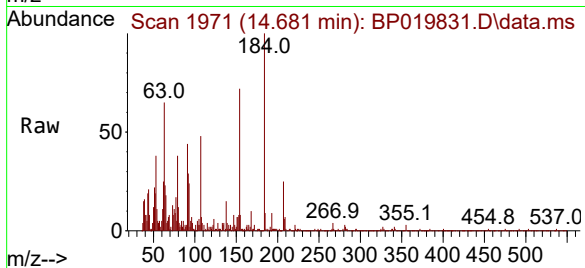




#54
2,4-Dinitrophenol
Concen: 2.471 ng
RT: 14.681 min Scan# 1969
Delta R.T. 0.006 min
Lab File: BP019831.D
Acq: 22 Feb 2024 18:56

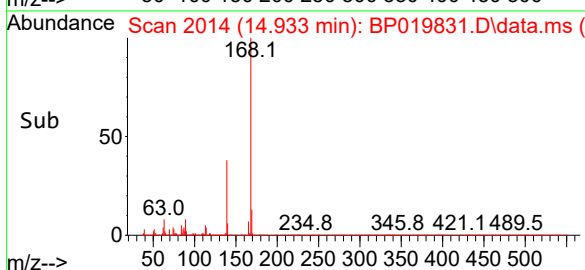
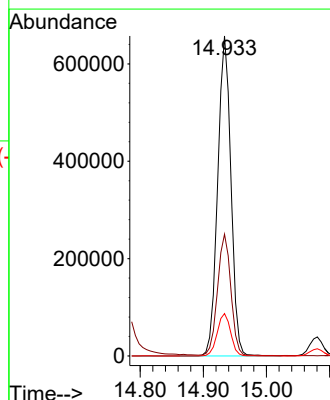
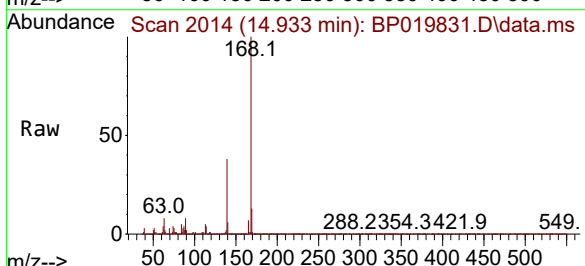
Instrument :
BNA_P
ClientSampleId :
336MSD

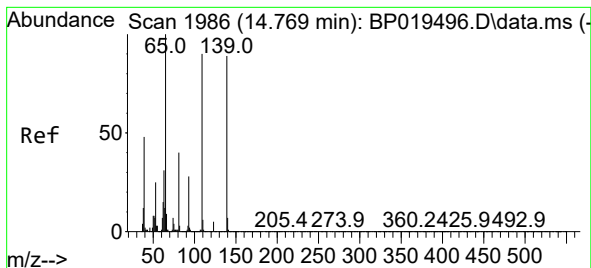
Tgt Ion:184 Resp: 5301
Ion Ratio Lower Upper
184 100
63 65.1 50.5 75.7
154 71.9 53.4 80.0



#55
Dibenzofuran
Concen: 41.788 ng
RT: 14.933 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BP019831.D
Acq: 22 Feb 2024 18:56

Tgt Ion:168 Resp: 954029
Ion Ratio Lower Upper
168 100
139 38.1 31.5 47.3
169 13.2 10.3 15.5

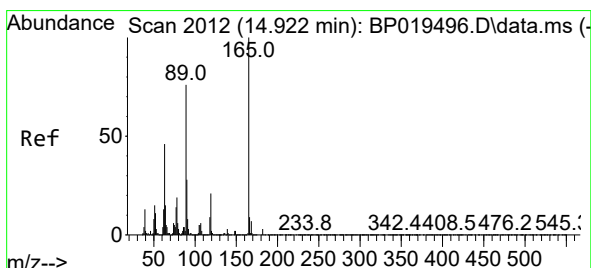
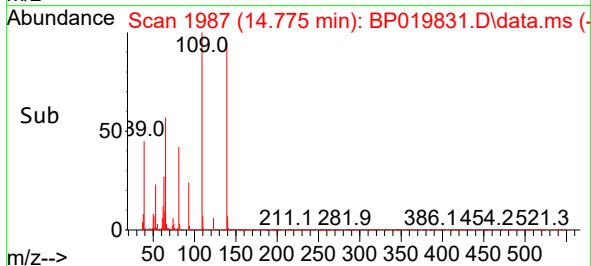
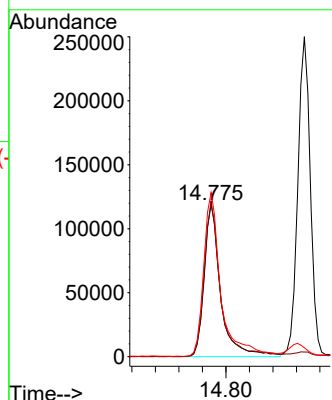
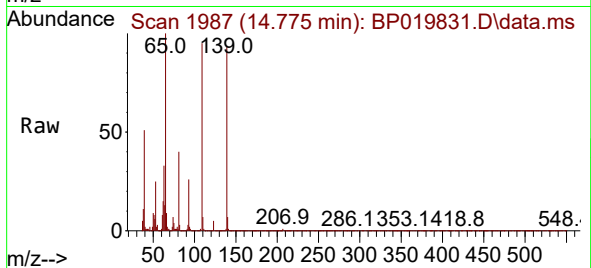




#56
4-Nitrophenol
Concen: 74.305 ng
RT: 14.775 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BP019831.D
Acq: 22 Feb 2024 18:56

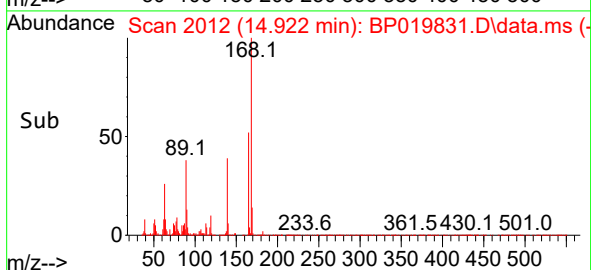
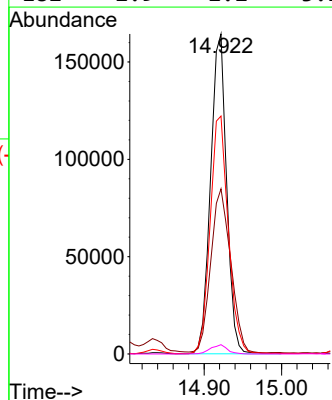
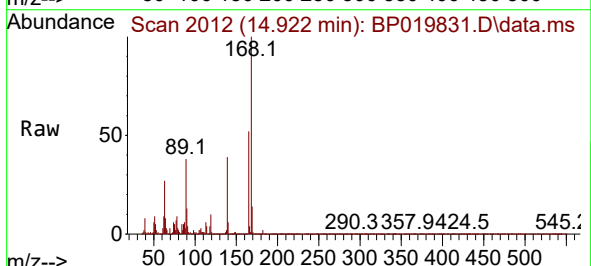
Instrument :
BNA_P
ClientSampleId :
336MSD

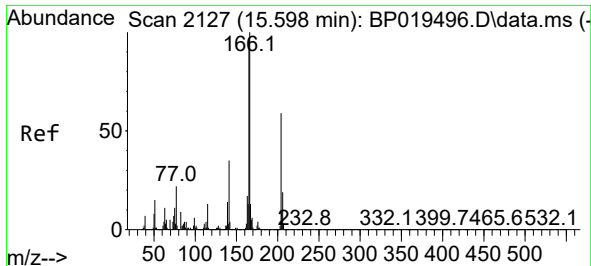
Tgt Ion:139 Resp: 231300
Ion Ratio Lower Upper
139 100
109 102.3 82.0 122.0
65 108.0 92.9 132.9



#57
2,4-Dinitrotoluene
Concen: 43.654 ng
RT: 14.922 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BP019831.D
Acq: 22 Feb 2024 18:56

Tgt Ion:165 Resp: 236410
Ion Ratio Lower Upper
165 100
63 51.6 36.9 55.3
89 74.4 61.1 91.7
182 2.9 2.2 3.2

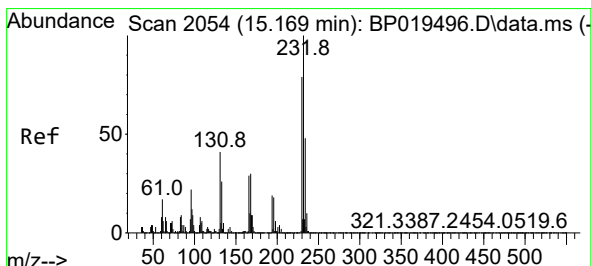
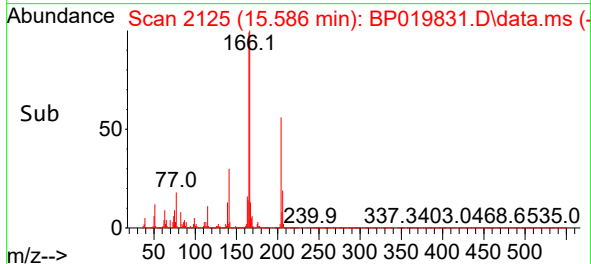
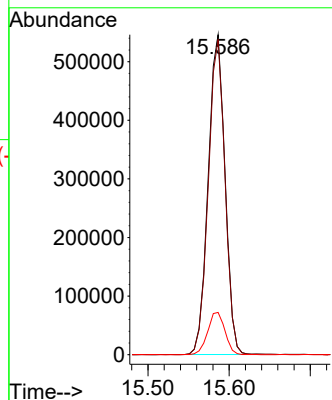
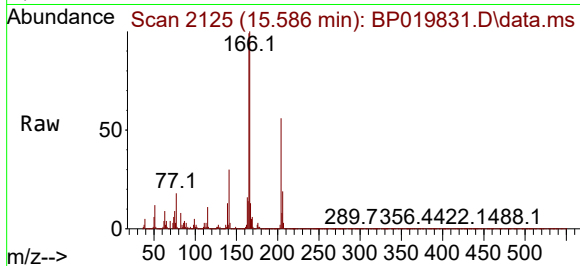




#58
Fluorene
Concen: 43.206 ng
RT: 15.586 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BP019831.D
Acq: 22 Feb 2024 18:56

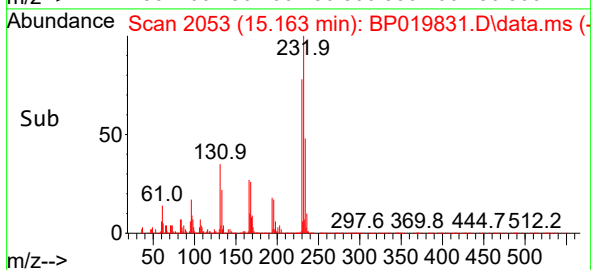
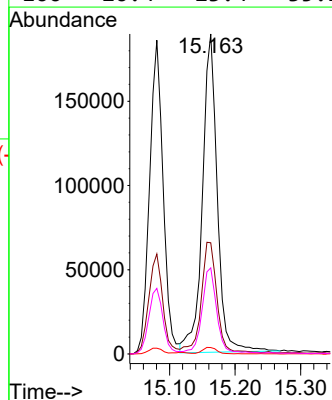
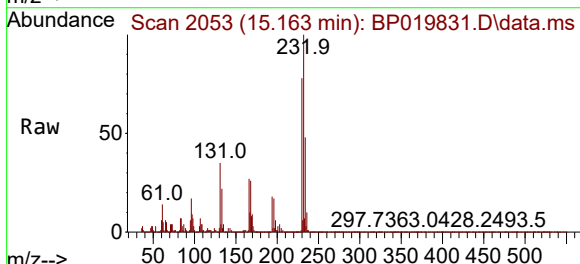
Instrument :
BNA_P
ClientSampleId :
336MSD

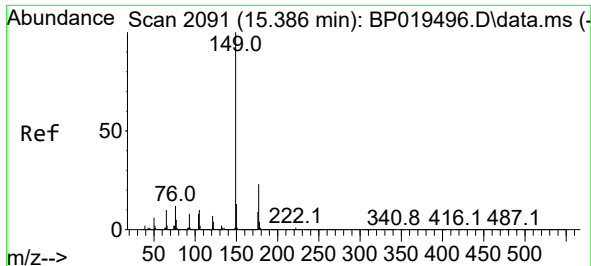
Tgt Ion:166 Resp: 785648
Ion Ratio Lower Upper
166 100
165 98.5 77.8 116.8
167 13.2 10.7 16.1



#59
2,3,4,6-Tetrachlorophenol
Concen: 56.304 ng
RT: 15.163 min Scan# 2053
Delta R.T. -0.000 min
Lab File: BP019831.D
Acq: 22 Feb 2024 18:56

Tgt Ion:232 Resp: 298395
Ion Ratio Lower Upper
232 100
131 36.5 32.4 48.6
130 2.0 1.9 2.9
166 26.4 23.4 35.2

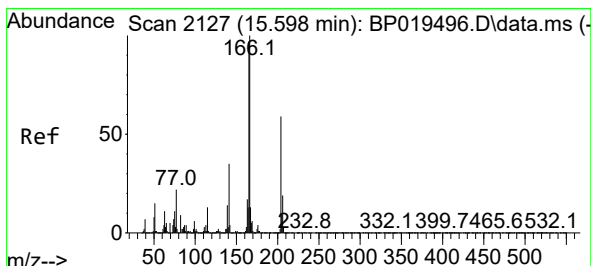
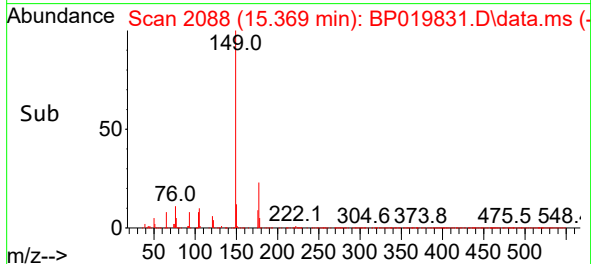
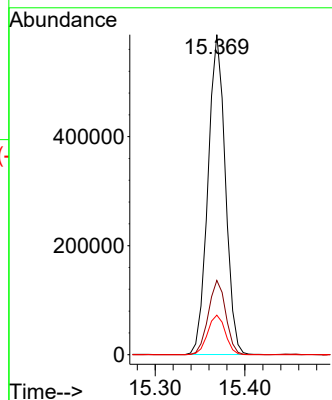
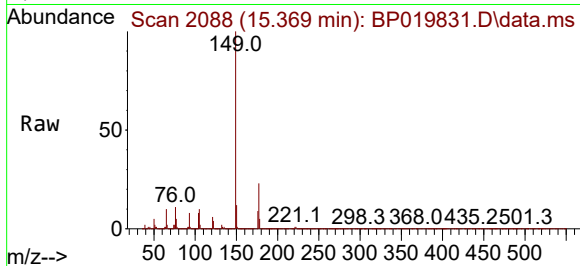




#60
Diethylphthalate
Concen: 42.125 ng
RT: 15.369 min Scan# 2091
Delta R.T. -0.006 min
Lab File: BP019831.D
Acq: 22 Feb 2024 18:56

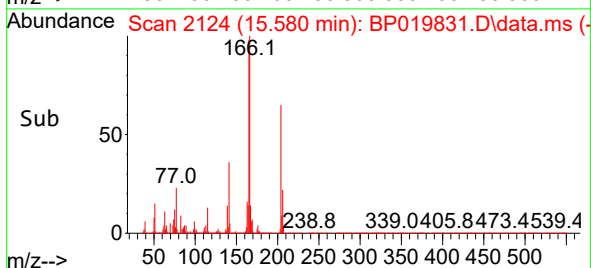
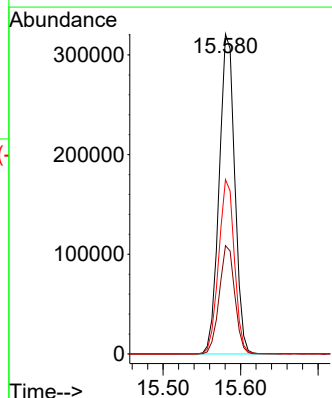
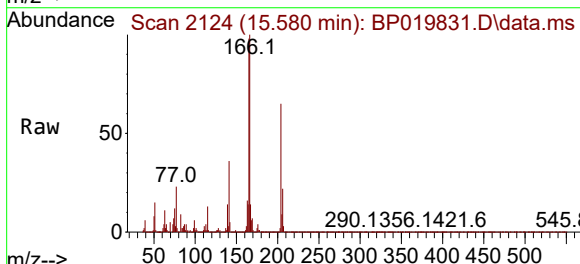
Instrument :
BNA_P
ClientSampleId :
336MSD

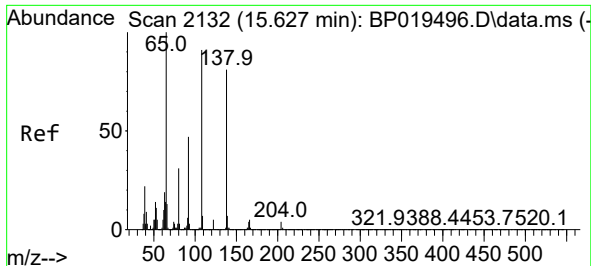
Tgt Ion:149 Resp: 788122
Ion Ratio Lower Upper
149 100
177 23.2 18.2 27.2
150 12.4 10.2 15.4



#61
4-Chlorophenyl-phenylether
Concen: 43.847 ng
RT: 15.580 min Scan# 2124
Delta R.T. -0.006 min
Lab File: BP019831.D
Acq: 22 Feb 2024 18:56

Tgt Ion:204 Resp: 448123
Ion Ratio Lower Upper
204 100
206 33.8 26.5 39.7
141 54.5 48.5 72.7

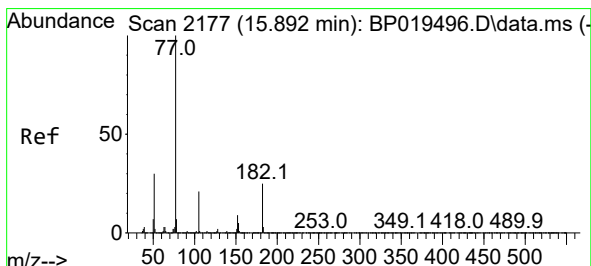
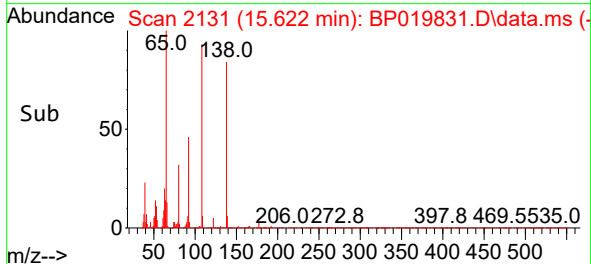
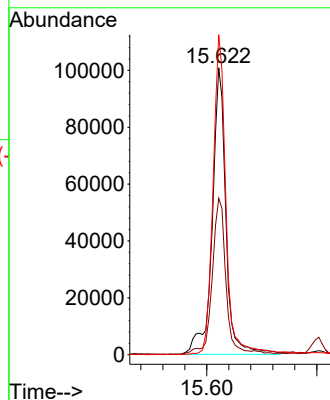
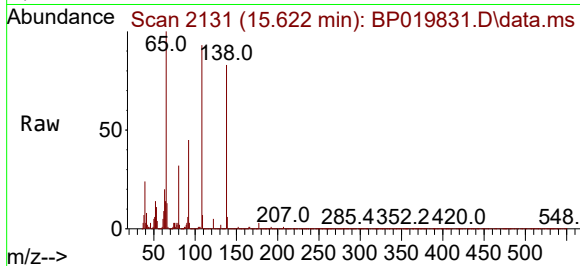




#62
4-Nitroaniline
Concen: 44.131 ng
RT: 15.622 min Scan# 2132
Delta R.T. -0.000 min
Lab File: BP019831.D
Acq: 22 Feb 2024 18:56

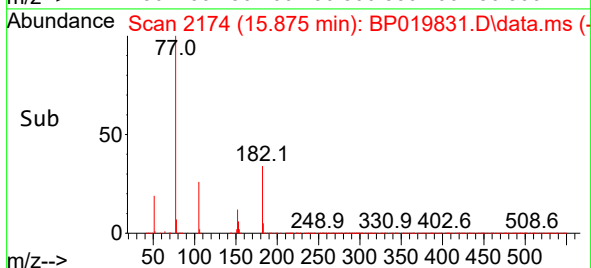
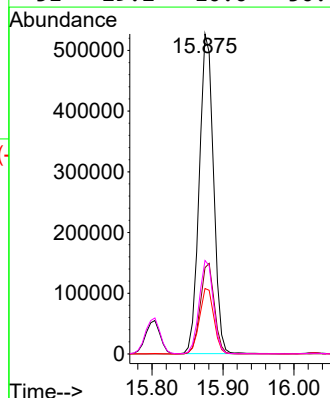
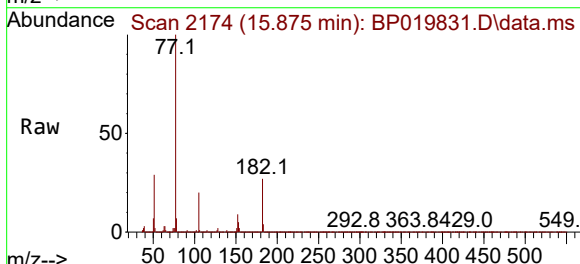
Instrument :
BNA_P
ClientSampleId :
336MSD

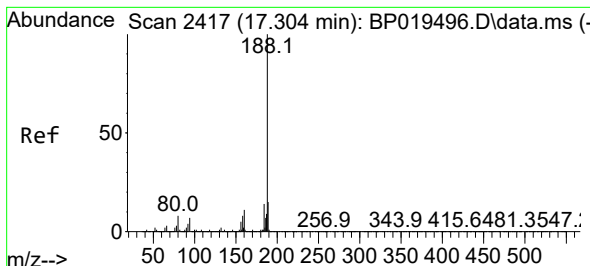
Tgt Ion:138 Resp: 175679
Ion Ratio Lower Upper
138 100
92 54.5 38.3 78.3
108 111.5 91.2 131.2



#63
Azobenzene
Concen: 40.693 ng
RT: 15.875 min Scan# 2174
Delta R.T. -0.006 min
Lab File: BP019831.D
Acq: 22 Feb 2024 18:56

Tgt Ion: 77 Resp: 736198
Ion Ratio Lower Upper
77 100
182 26.9 5.1 45.1
105 20.5 0.8 40.8
51 29.2 10.0 50.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.292 min Scan# 2417

Delta R.T. -0.000 min

Lab File: BP019831.D

Acq: 22 Feb 2024 18:56

Instrument :

BNA_P

ClientSampleId :

336MSD

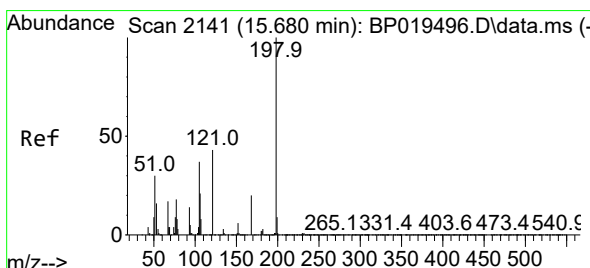
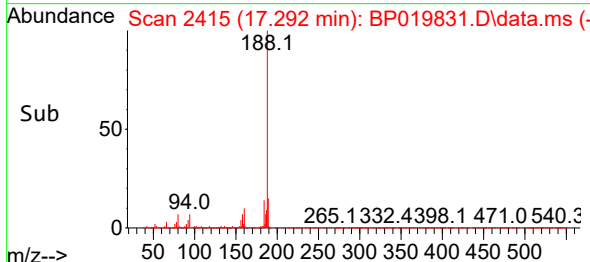
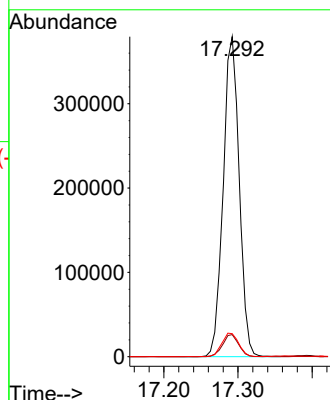
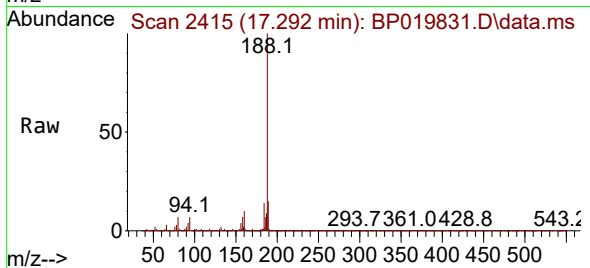
Tgt Ion:188 Resp: 568993

Ion Ratio Lower Upper

188 100

94 6.9 5.4 8.2

80 7.2 6.3 9.5



#65

4,6-Dinitro-2-methylphenol

Concen: 2.904 ng

RT: 15.680 min Scan# 2141

Delta R.T. -0.000 min

Lab File: BP019831.D

Acq: 22 Feb 2024 18:56

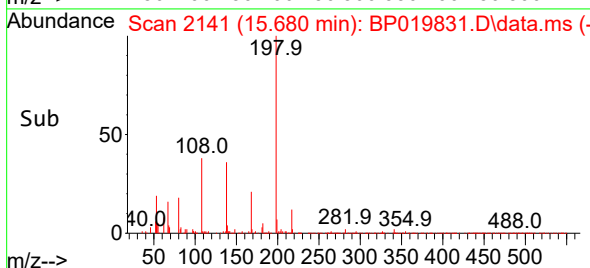
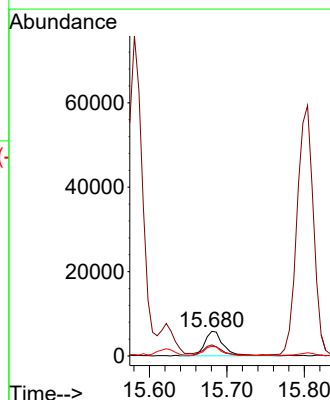
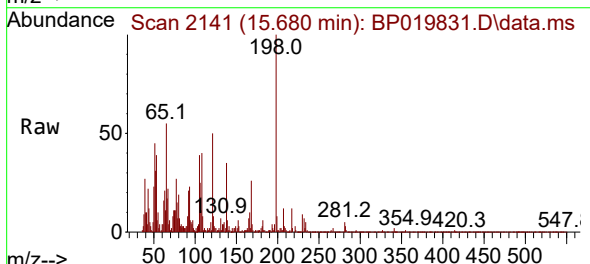
Tgt Ion:198 Resp: 9421

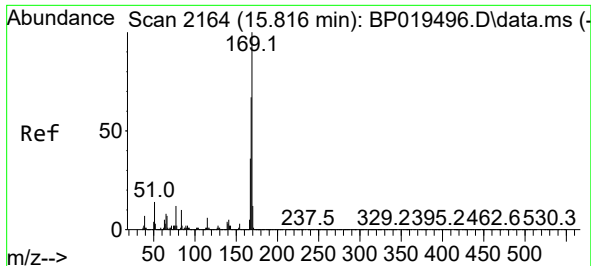
Ion Ratio Lower Upper

198 100

51 45.0 21.2 61.2

105 39.3 19.1 59.1

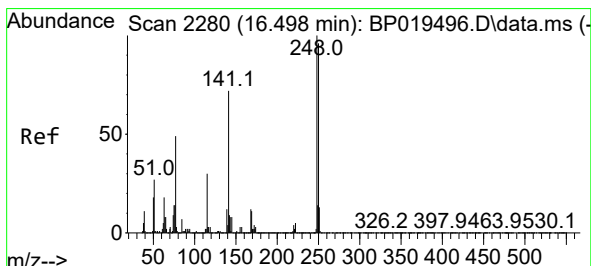
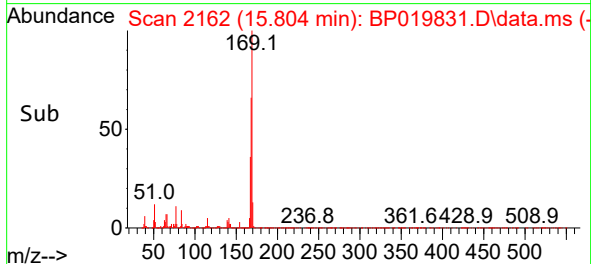
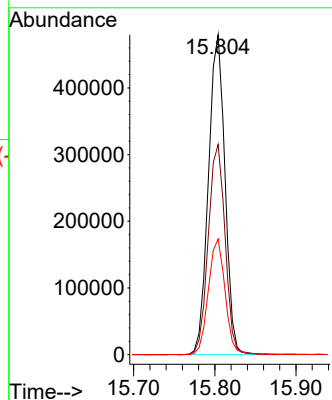
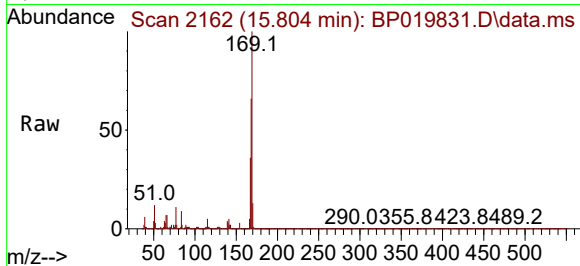




#66
n-Nitrosodiphenylamine
Concen: 39.846 ng
RT: 15.804 min Scan# 2164
Delta R.T. -0.000 min
Lab File: BP019831.D
Acq: 22 Feb 2024 18:56

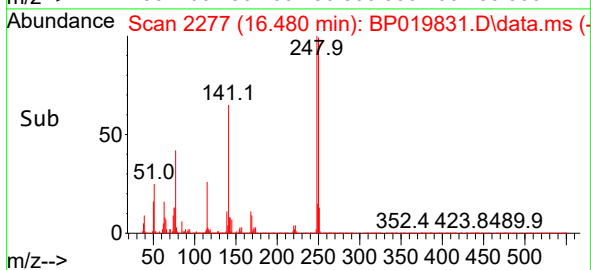
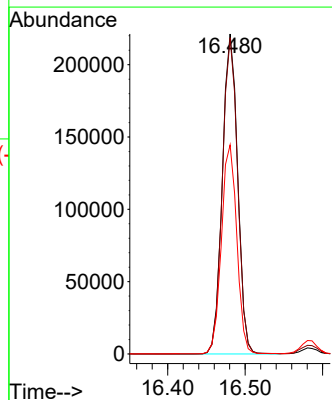
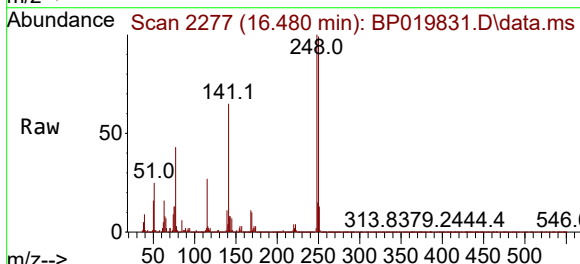
Instrument :
BNA_P
ClientSampleId :
336MSD

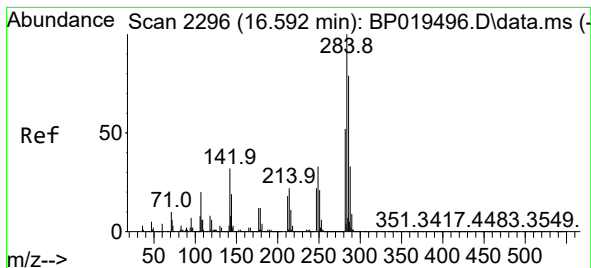
Tgt Ion:169 Resp: 678998
Ion Ratio Lower Upper
169 100
168 65.7 53.4 80.2
167 36.1 28.9 43.3



#67
4-Bromophenyl-phenylether
Concen: 42.631 ng
RT: 16.480 min Scan# 2277
Delta R.T. -0.006 min
Lab File: BP019831.D
Acq: 22 Feb 2024 18:56

Tgt Ion:248 Resp: 303241
Ion Ratio Lower Upper
248 100
250 98.9 76.9 115.3
141 65.3 58.0 87.0





#68

Hexachlorobenzene

Concen: 43.573 ng

RT: 16.580 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019831.D

Acq: 22 Feb 2024 18:56

Instrument :

BNA_P

ClientSampleId :

336MSD

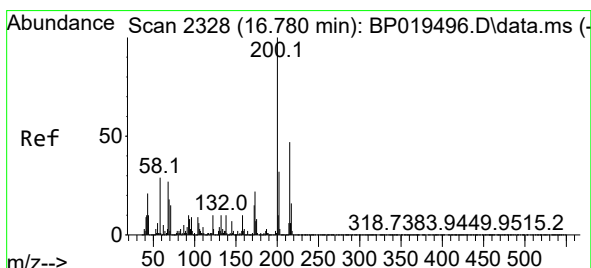
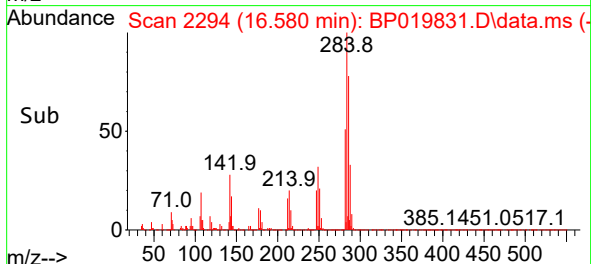
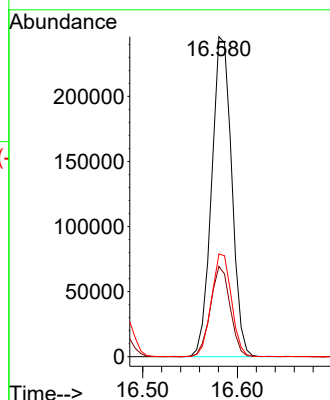
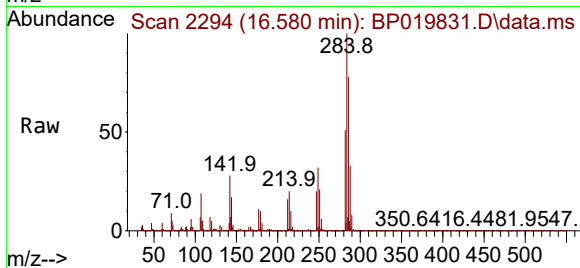
Tgt Ion:284 Resp: 361940

Ion Ratio Lower Upper

284 100

142 28.2 25.4 38.2

249 32.1 26.5 39.7



#69

Atrazine

Concen: 50.540 ng

RT: 16.769 min Scan# 2326

Delta R.T. -0.000 min

Lab File: BP019831.D

Acq: 22 Feb 2024 18:56

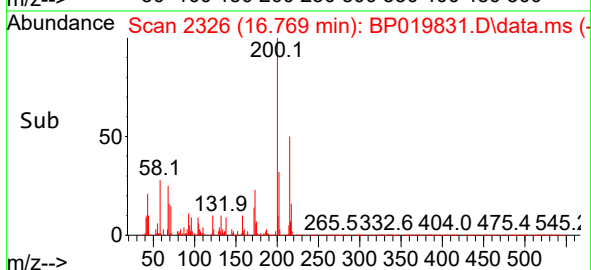
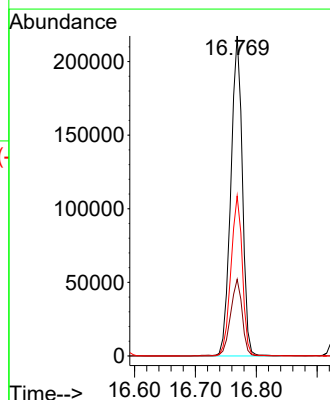
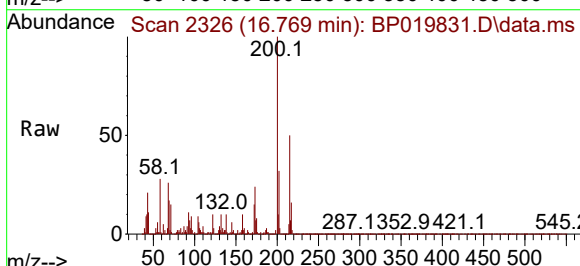
Tgt Ion:200 Resp: 285786

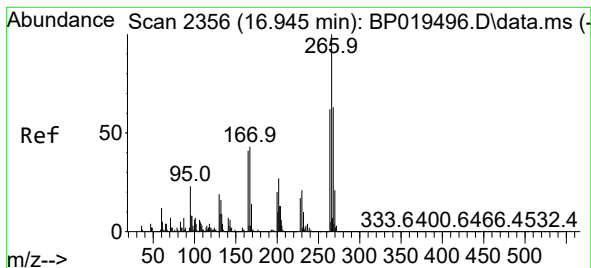
Ion Ratio Lower Upper

200 100

173 24.0 1.7 41.7

215 50.0 26.9 66.9





#70

Pentachlorophenol

Concen: 53.452 ng

RT: 16.939 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP019831.D

Acq: 22 Feb 2024 18:56

Instrument :

BNA_P

ClientSampleId :

336MSD

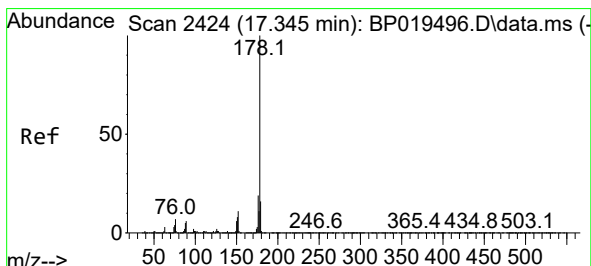
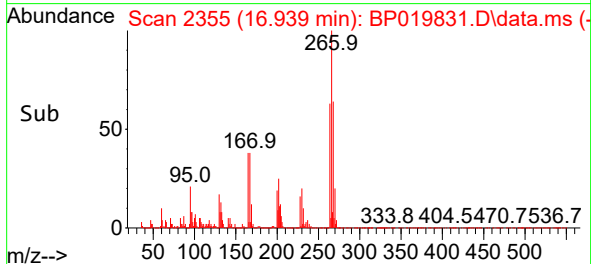
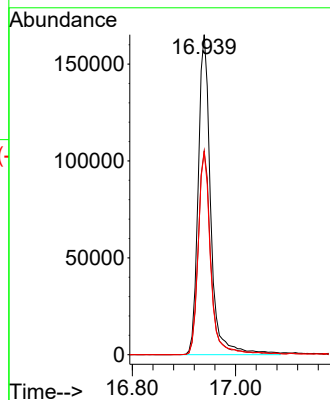
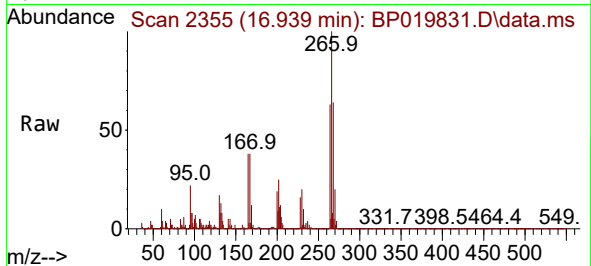
Tgt Ion:266 Resp: 276497

Ion Ratio Lower Upper

266 100

268 63.7 50.3 75.5

264 63.2 49.7 74.5



#71

Phenanthrene

Concen: 43.461 ng

RT: 17.333 min Scan# 2422

Delta R.T. -0.006 min

Lab File: BP019831.D

Acq: 22 Feb 2024 18:56

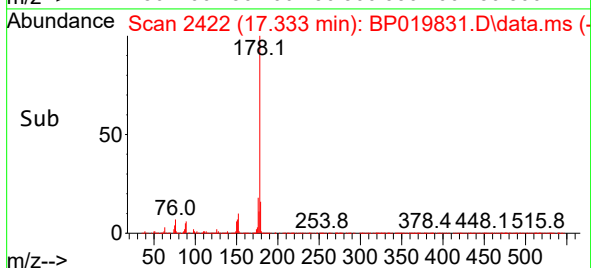
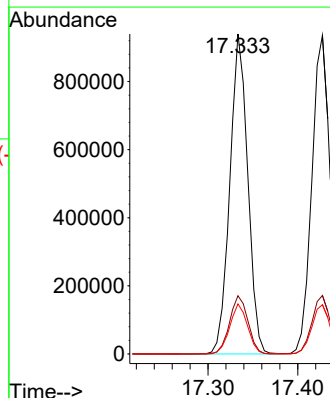
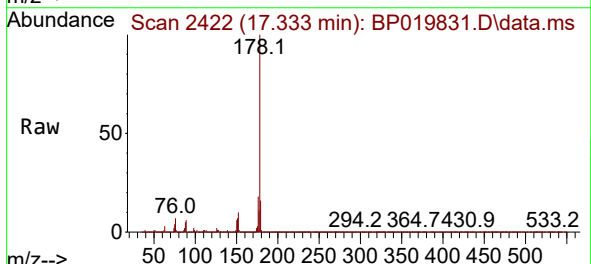
Tgt Ion:178 Resp: 1301395

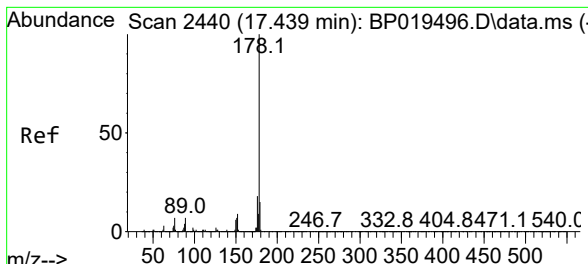
Ion Ratio Lower Upper

178 100

176 18.2 15.5 23.3

179 15.7 12.6 19.0



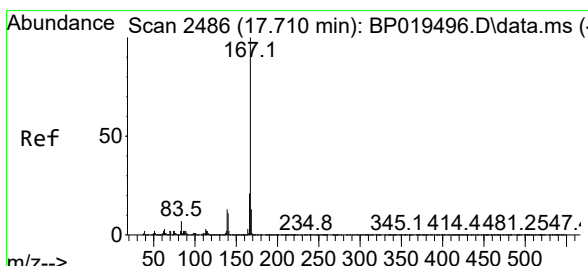
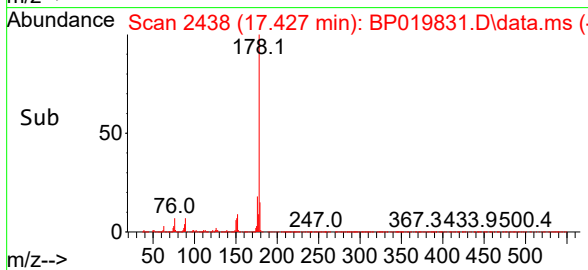
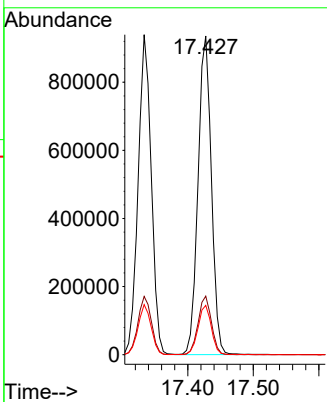
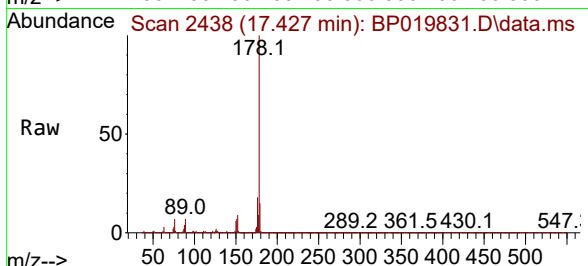


#72
 Anthracene
 Concen: 44.446 ng
 RT: 17.427 min Scan# 2440
 Delta R.T. -0.000 min
 Lab File: BP019831.D
 Acq: 22 Feb 2024 18:56

Instrument :
 BNA_P
 ClientSampleId :
 336MSD

Tgt Ion:178 Resp: 1327639

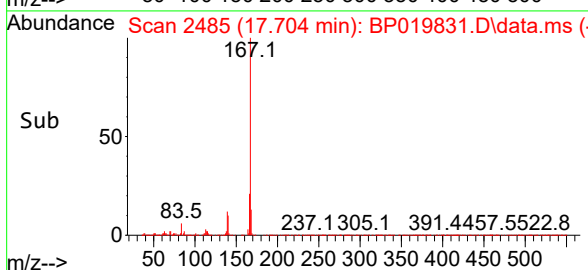
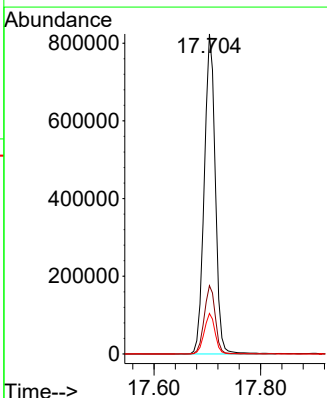
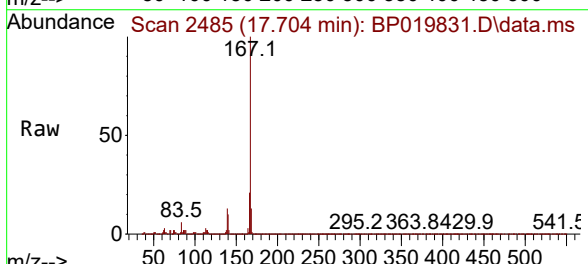
Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.7	22.1
179	15.4	12.2	18.2

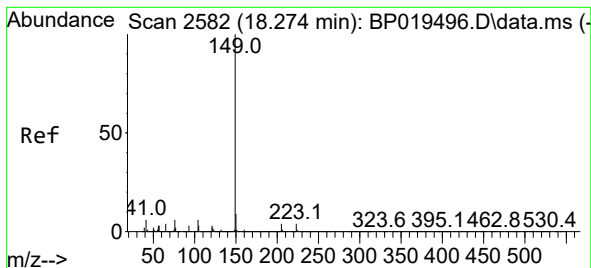


#73
 Carbazole
 Concen: 43.466 ng
 RT: 17.704 min Scan# 2485
 Delta R.T. -0.006 min
 Lab File: BP019831.D
 Acq: 22 Feb 2024 18:56

Tgt Ion:167 Resp: 1179510

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.2	25.8
139	12.6	10.6	15.8





#74

Di-n-butylphthalate

Concen: 42.645 ng

RT: 18.257 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019831.D

Acq: 22 Feb 2024 18:56

Instrument :

BNA_P

ClientSampleId :

336MSD

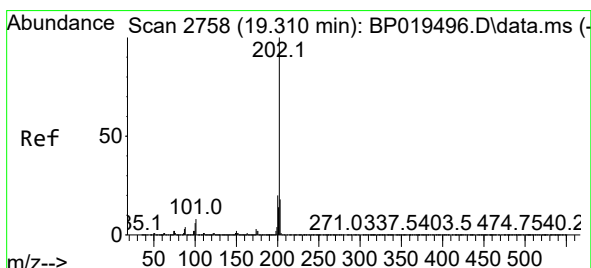
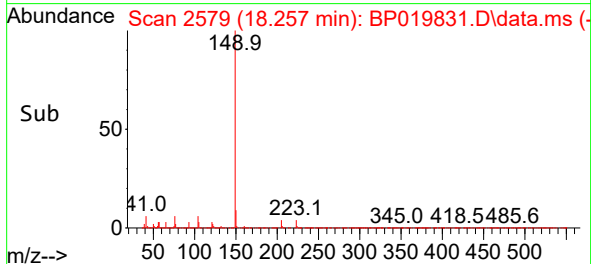
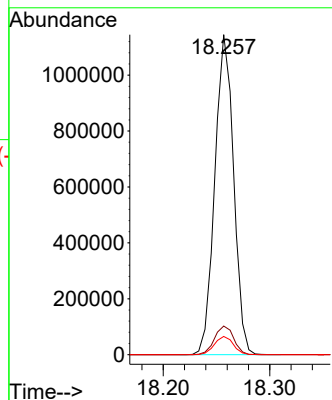
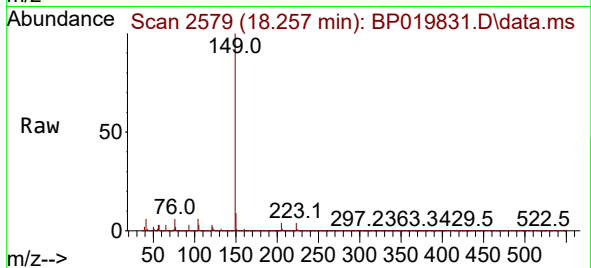
Tgt Ion:149 Resp: 1399242

Ion Ratio Lower Upper

149 100

150 9.0 7.3 10.9

104 5.7 4.8 7.2



#75

Fluoranthene

Concen: 45.460 ng

RT: 19.304 min Scan# 2757

Delta R.T. -0.000 min

Lab File: BP019831.D

Acq: 22 Feb 2024 18:56

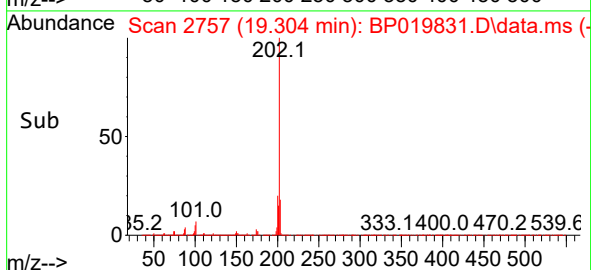
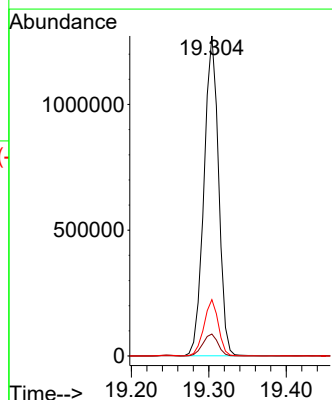
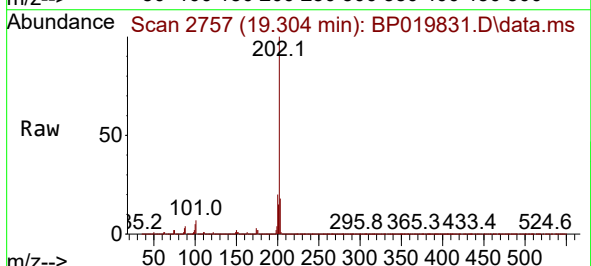
Tgt Ion:202 Resp: 1662915

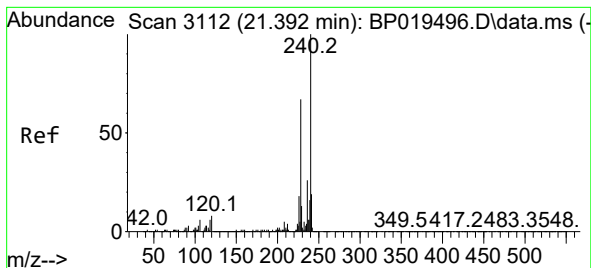
Ion Ratio Lower Upper

202 100

101 6.9 0.0 27.7

203 17.6 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.386 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BP019831.D

Acq: 22 Feb 2024 18:56

Instrument :

BNA_P

ClientSampleId :

336MSD

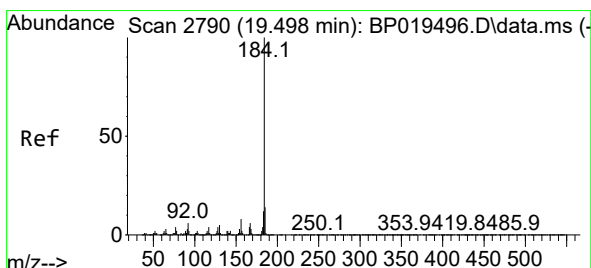
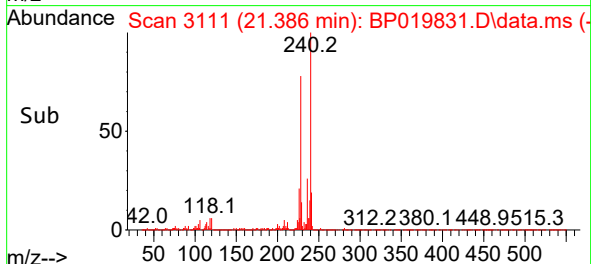
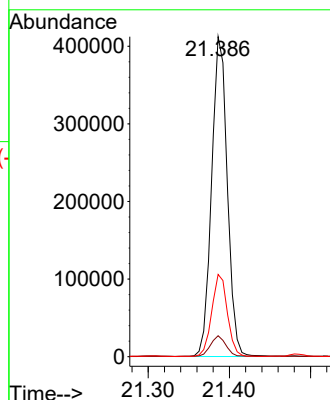
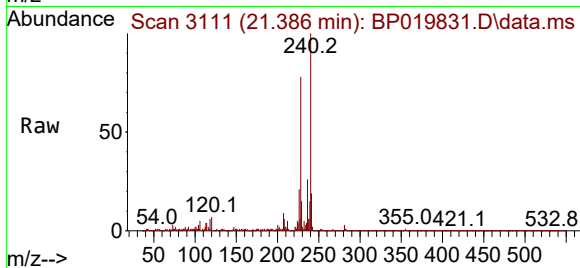
Tgt Ion:240 Resp: 552156

Ion Ratio Lower Upper

240 100

120 6.6 6.1 9.1

236 25.7 20.7 31.1



#77

Benzidine

Concen: 83.574 ng

RT: 19.492 min Scan# 2789

Delta R.T. -0.006 min

Lab File: BP019831.D

Acq: 22 Feb 2024 18:56

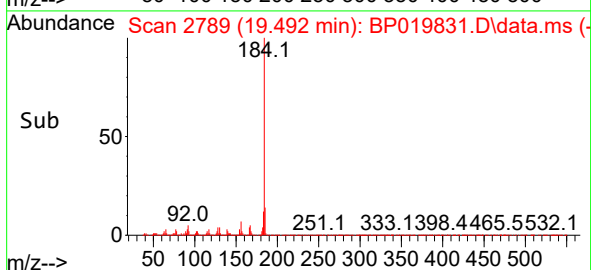
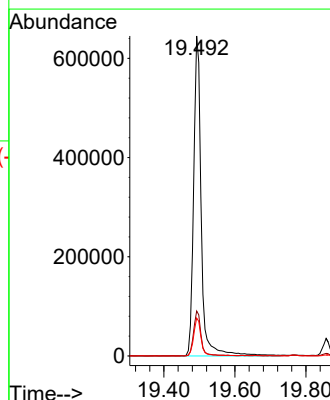
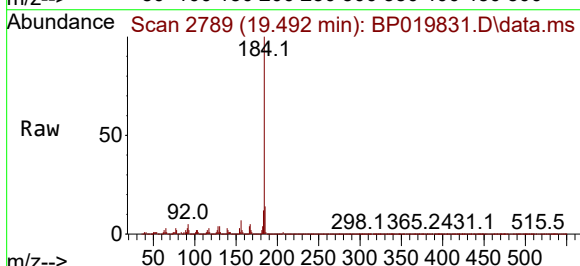
Tgt Ion:184 Resp: 964758

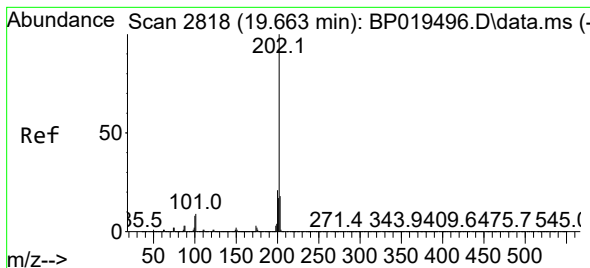
Ion Ratio Lower Upper

184 100

185 14.0 11.1 16.7

183 11.8 9.7 14.5





#78

Pyrene

Concen: 43.526 ng

RT: 19.657 min Scan# 2817

Delta R.T. -0.000 min

Lab File: BP019831.D

Acq: 22 Feb 2024 18:56

Instrument :

BNA_P

ClientSampleId :

336MSD

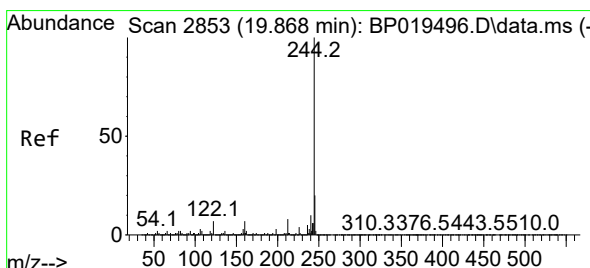
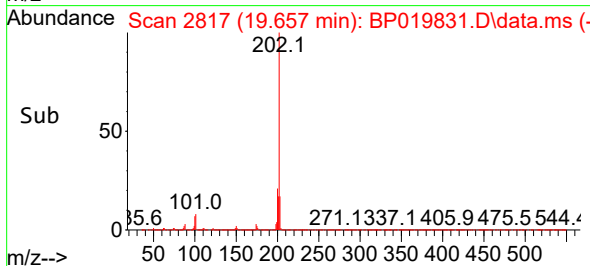
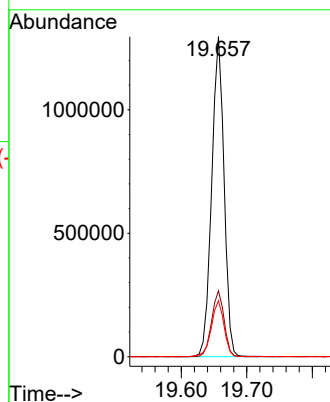
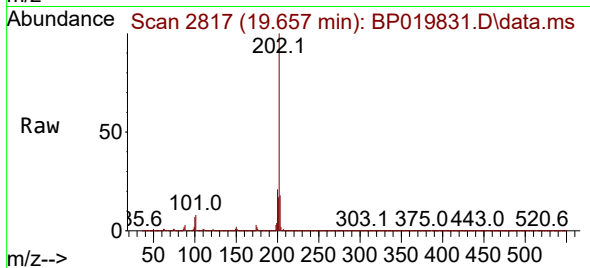
Tgt Ion:202 Resp: 1696141

Ion Ratio Lower Upper

202 100

200 20.6 16.9 25.3

203 17.5 14.2 21.2



#79

Terphenyl-d14

Concen: 88.265 ng

RT: 19.857 min Scan# 2851

Delta R.T. -0.006 min

Lab File: BP019831.D

Acq: 22 Feb 2024 18:56

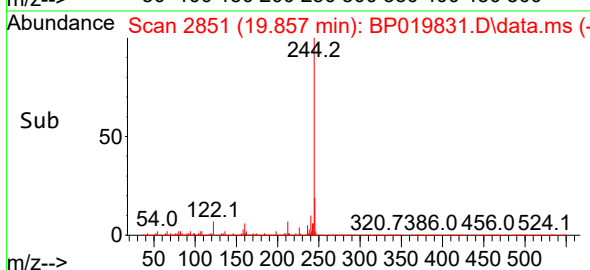
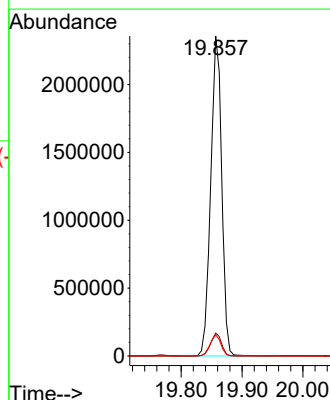
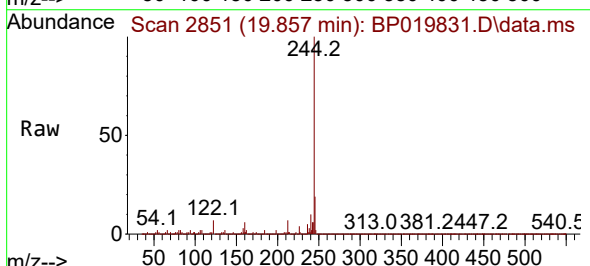
Tgt Ion:244 Resp: 2963501

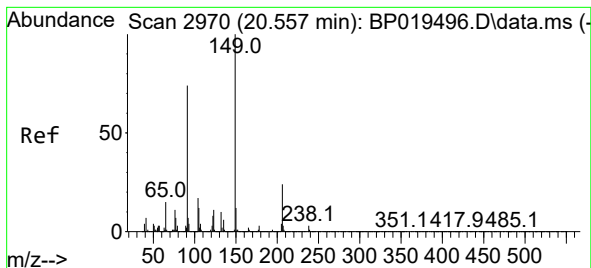
Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

122 6.6 5.9 8.9

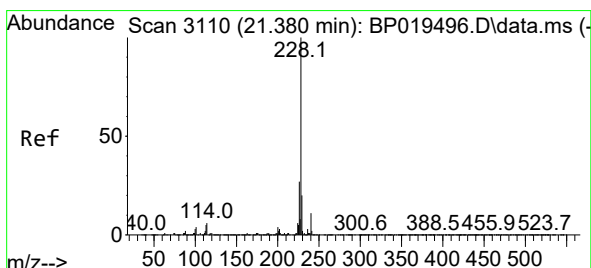
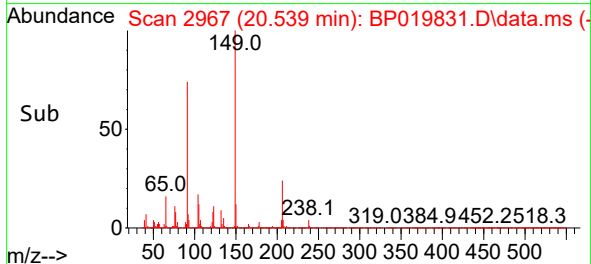
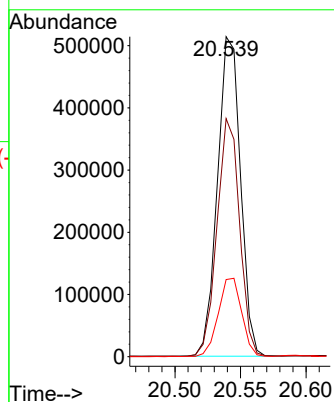
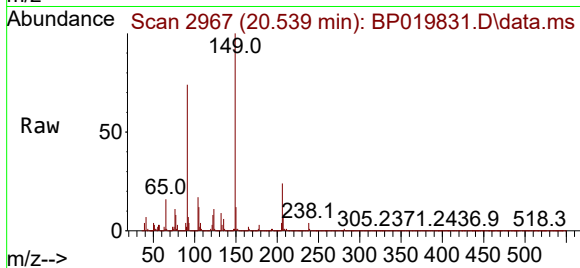




#80
Butylbenzylphthalate
Concen: 43.127 ng
RT: 20.539 min Scan# 2970
Delta R.T. -0.006 min
Lab File: BP019831.D
Acq: 22 Feb 2024 18:56

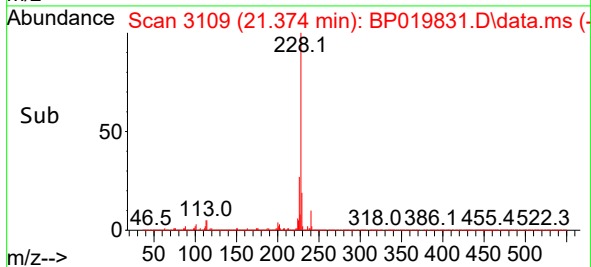
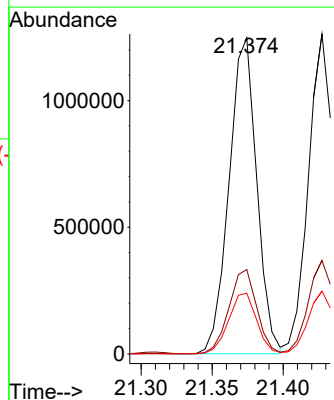
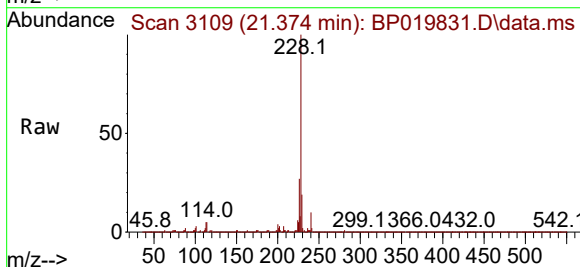
Instrument :
BNA_P
ClientSampleId :
336MSD

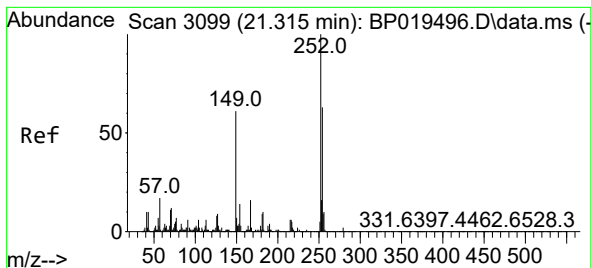
Tgt Ion:149 Resp: 627617
Ion Ratio Lower Upper
149 100
91 74.4 59.4 89.0
206 24.1 19.0 28.6



#81
Benzo(a)anthracene
Concen: 43.614 ng
RT: 21.374 min Scan# 3109
Delta R.T. -0.000 min
Lab File: BP019831.D
Acq: 22 Feb 2024 18:56

Tgt Ion:228 Resp: 1695168
Ion Ratio Lower Upper
228 100
226 26.7 21.7 32.5
229 19.2 15.6 23.4





#82

3,3'-Dichlorobenzidine

Concen: 40.952 ng

RT: 21.310 min Scan# 3099

Delta R.T. -0.000 min

Lab File: BP019831.D

Acq: 22 Feb 2024 18:56

Instrument :

BNA_P

ClientSampleId :

336MSD

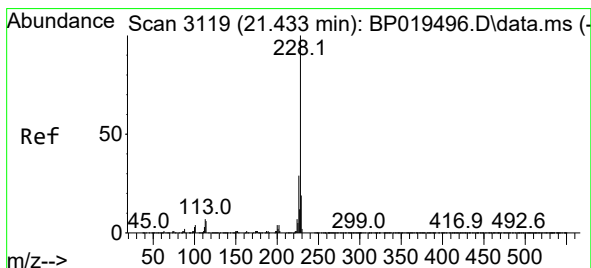
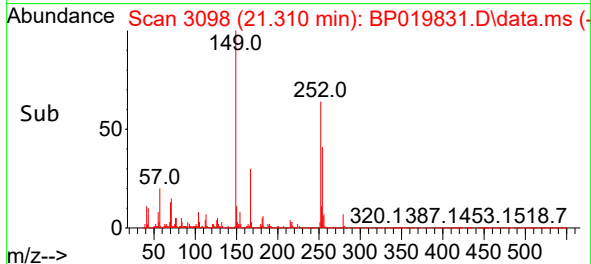
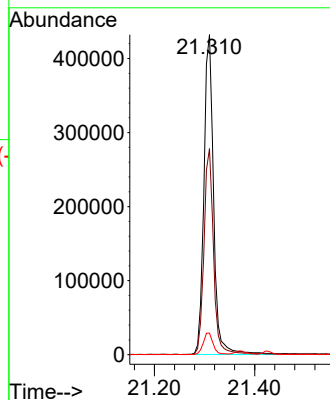
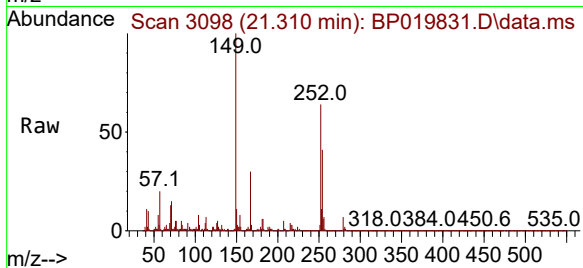
Tgt Ion:252 Resp: 580013

Ion Ratio Lower Upper

252 100

254 64.4 50.7 76.1

126 6.8 6.4 9.6



#83

Chrysene

Concen: 42.555 ng

RT: 21.427 min Scan# 3118

Delta R.T. -0.000 min

Lab File: BP019831.D

Acq: 22 Feb 2024 18:56

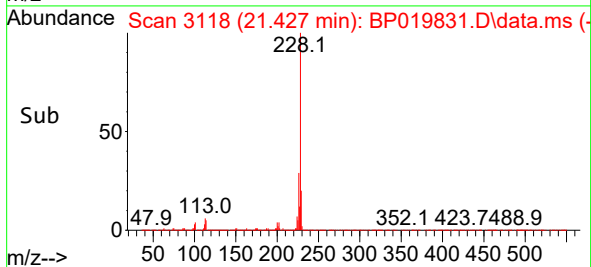
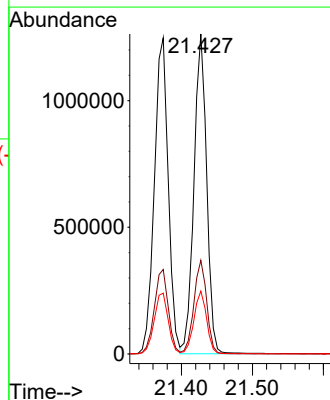
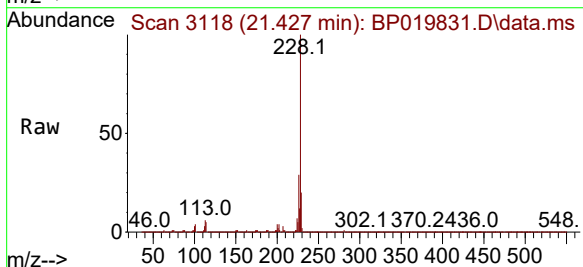
Tgt Ion:228 Resp: 1570352

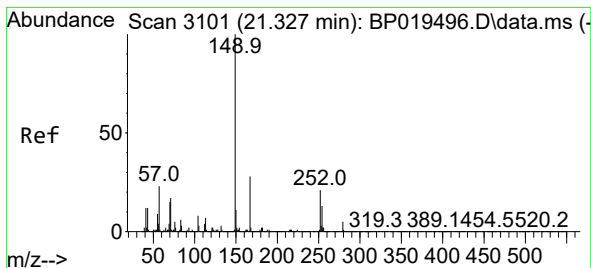
Ion Ratio Lower Upper

228 100

226 29.3 23.4 35.2

229 19.6 15.6 23.4

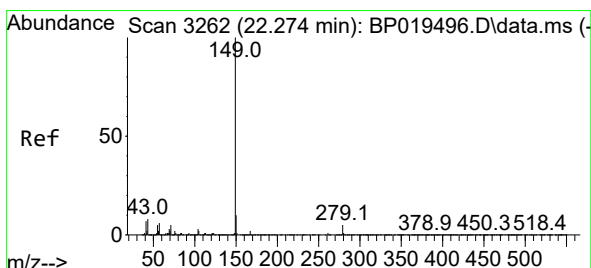
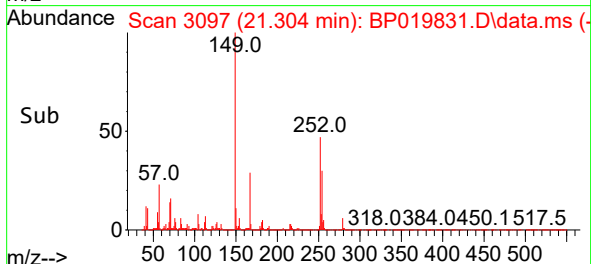
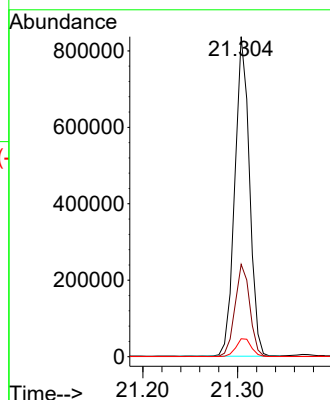
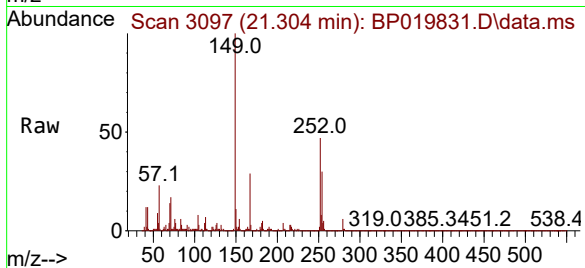




#84
Bis(2-ethylhexyl)phthalate
Concen: 40.574 ng
RT: 21.304 min Scan# 3097
Delta R.T. -0.006 min
Lab File: BP019831.D
Acq: 22 Feb 2024 18:56

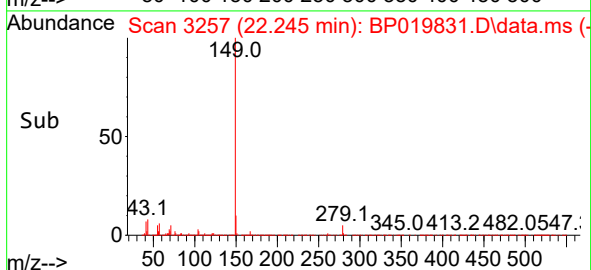
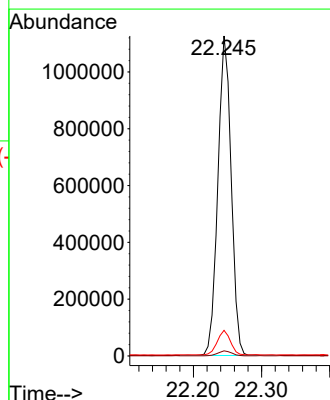
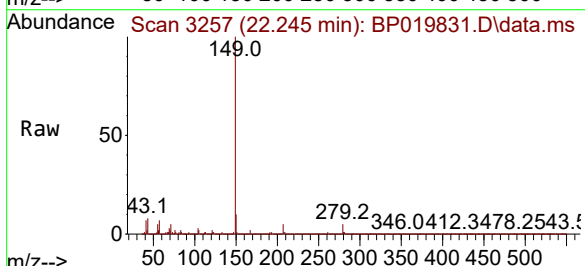
Instrument :
BNA_P
ClientSampleId :
336MSD

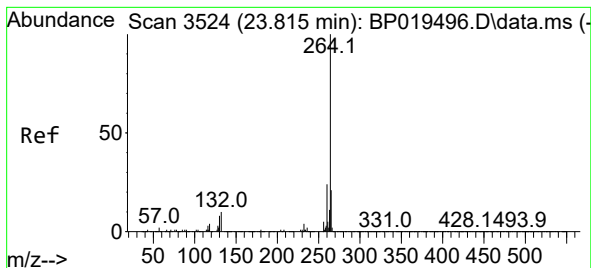
Tgt Ion:149 Resp: 899133
Ion Ratio Lower Upper
149 100
167 28.8 22.7 34.1
279 5.6 4.2 6.2



#85
Di-n-octyl phthalate
Concen: 39.188 ng
RT: 22.245 min Scan# 3257
Delta R.T. -0.006 min
Lab File: BP019831.D
Acq: 22 Feb 2024 18:56

Tgt Ion:149 Resp: 1527918
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.5 6.3 9.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.809 min Scan# 3

Delta R.T. -0.000 min

Lab File: BP019831.D

Acq: 22 Feb 2024 18:56

Instrument :

BNA_P

ClientSampleId :

336MSD

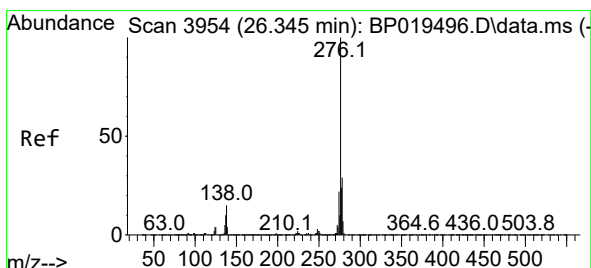
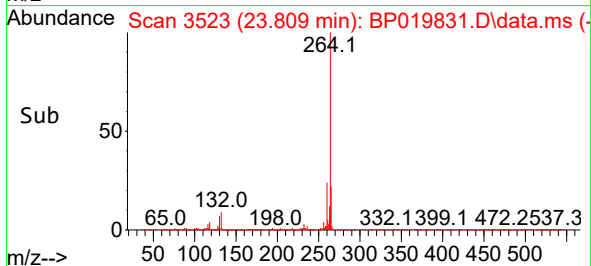
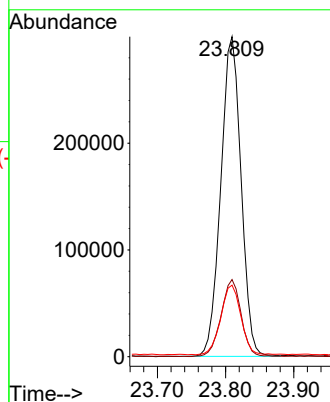
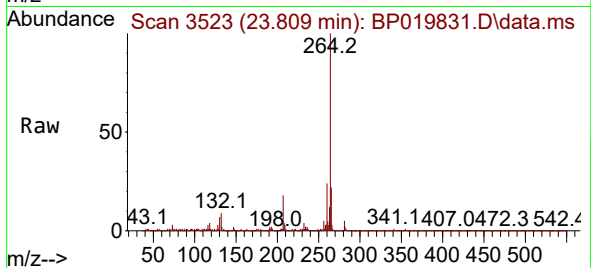
Tgt Ion:264 Resp: 620071

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 22.3 17.0 25.4



#87

Indeno(1,2,3-cd)pyrene

Concen: 42.099 ng

RT: 26.351 min Scan# 3955

Delta R.T. 0.006 min

Lab File: BP019831.D

Acq: 22 Feb 2024 18:56

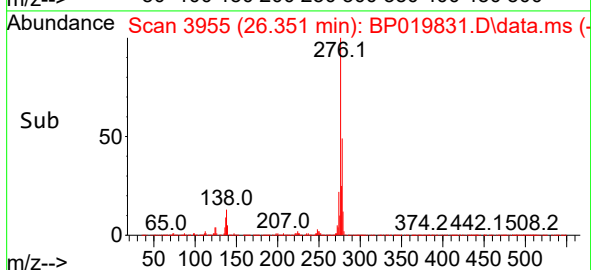
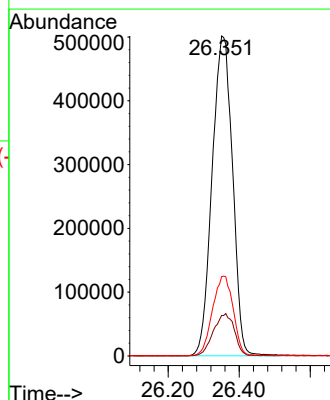
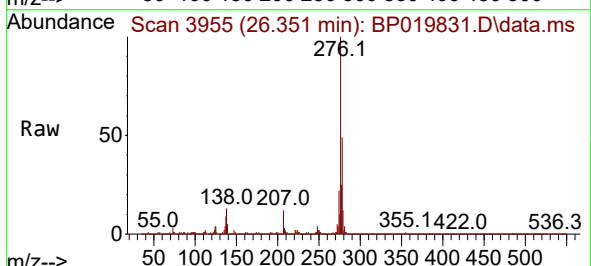
Tgt Ion:276 Resp: 1998175

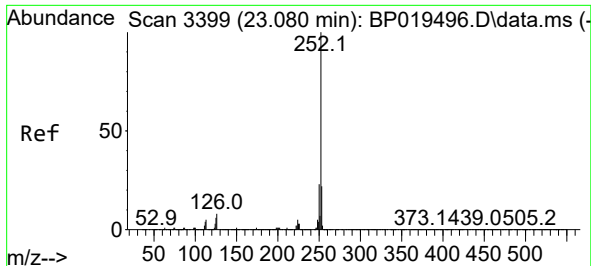
Ion Ratio Lower Upper

276 100

138 13.5 13.1 19.7

277 25.2 20.3 30.5

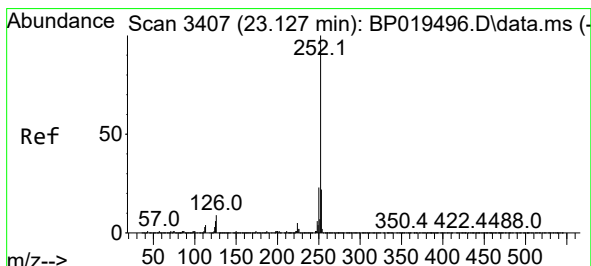
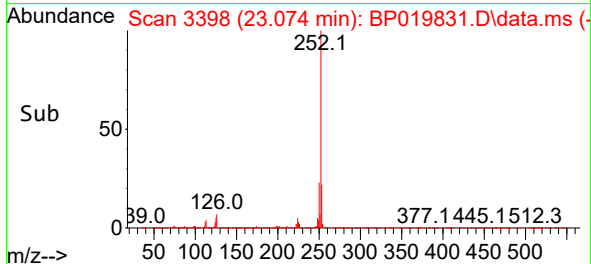
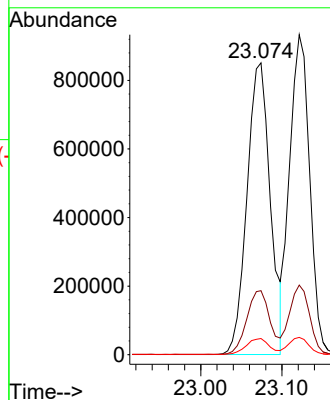
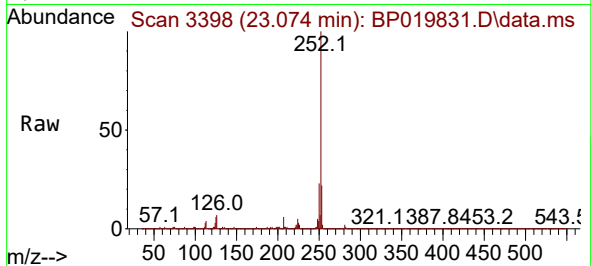




#88
Benzo(b)fluoranthene
Concen: 43.451 ng
RT: 23.074 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP019831.D
Acq: 22 Feb 2024 18:56

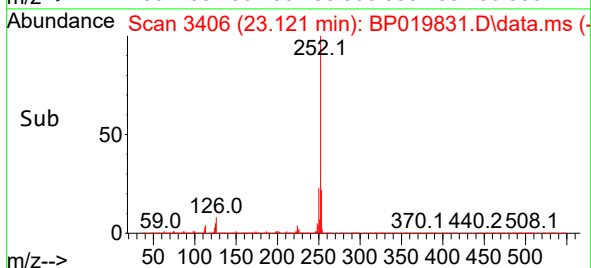
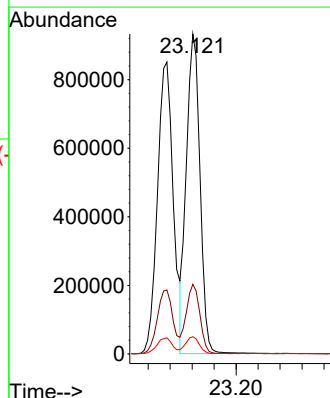
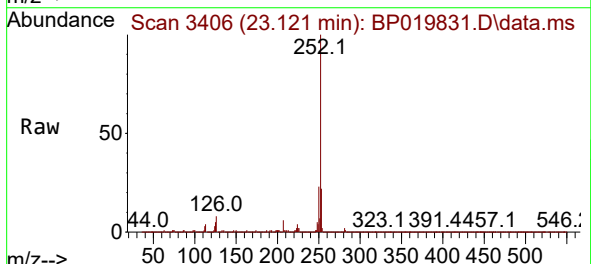
Instrument :
BNA_P
ClientSampleId :
336MSD

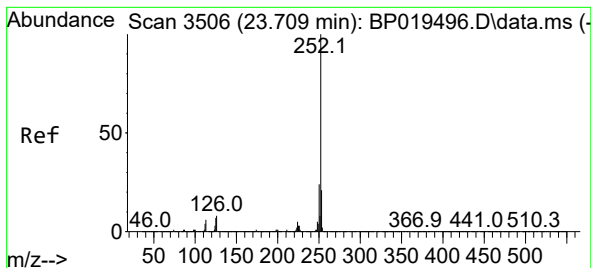
Tgt Ion:252 Resp: 1698083
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 5.5 4.9 7.3



#89
Benzo(k)fluoranthene
Concen: 42.976 ng
RT: 23.121 min Scan# 3406
Delta R.T. -0.000 min
Lab File: BP019831.D
Acq: 22 Feb 2024 18:56

Tgt Ion:252 Resp: 1604338
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 5.4 5.0 7.6





#90

Benzo(a)pyrene

Concen: 43.532 ng

RT: 23.704 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP019831.D

Acq: 22 Feb 2024 18:56

Instrument :

BNA_P

ClientSampleId :

336MSD

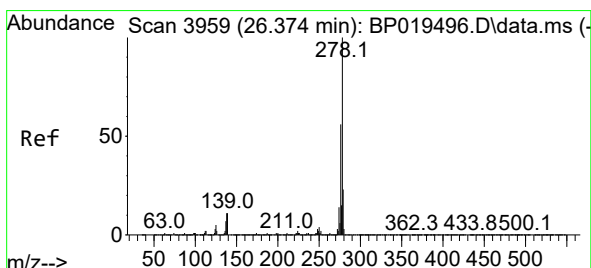
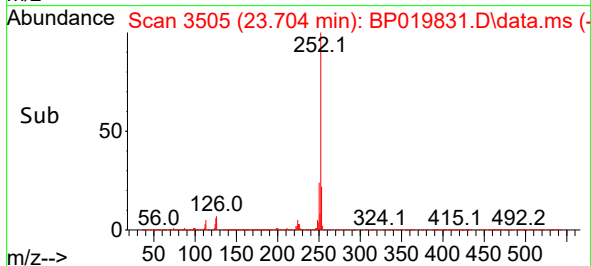
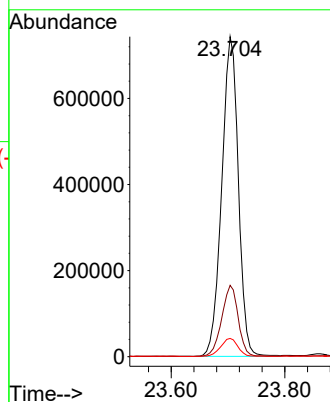
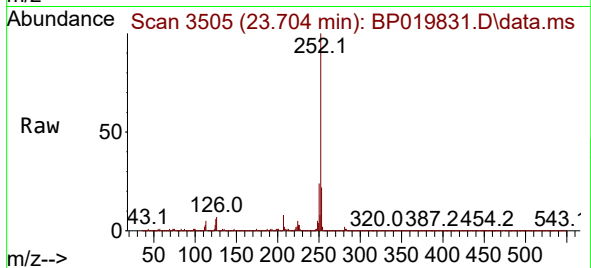
Tgt Ion:252 Resp: 1513715

Ion Ratio Lower Upper

252 100

253 22.3 17.1 25.7

125 5.7 5.6 8.4



#91

Dibenzo(a,h)anthracene

Concen: 42.236 ng

RT: 26.374 min Scan# 3959

Delta R.T. 0.006 min

Lab File: BP019831.D

Acq: 22 Feb 2024 18:56

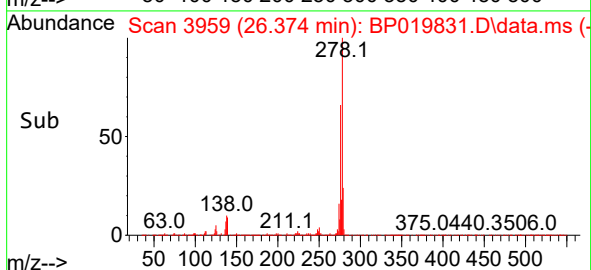
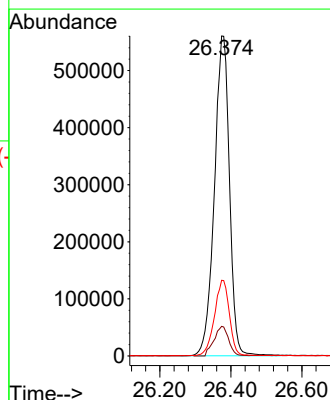
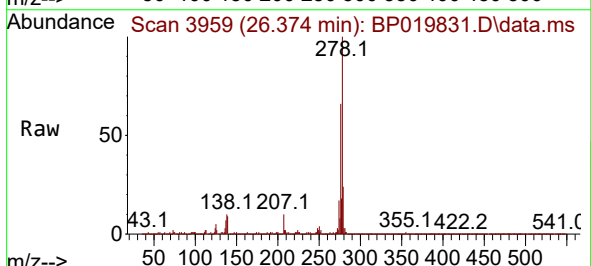
Tgt Ion:278 Resp: 1648760

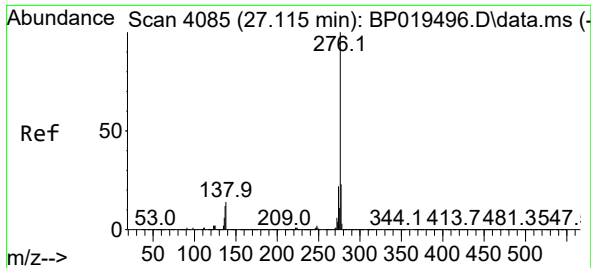
Ion Ratio Lower Upper

278 100

139 9.2 8.6 12.8

279 23.6 18.5 27.7





#92

Benzo(g,h,i)perylene

Concen: 39.332 ng

RT: 27.133 min Scan# 4088

Delta R.T. 0.012 min

Lab File: BP019831.D

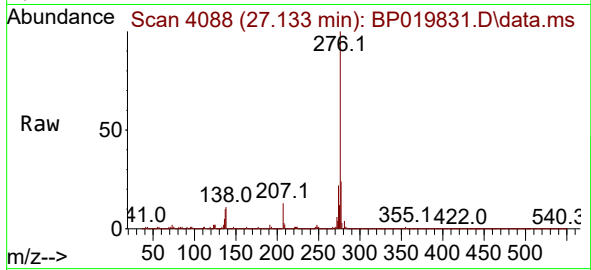
Acq: 22 Feb 2024 18:56

Instrument :

BNA_P

ClientSampleId :

336MSD



Tgt Ion:276 Resp: 1557684

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.6	28.0
138	11.2	10.9	16.3

276 100

277 23.8 18.6 28.0

138 11.2 10.9 16.3

