

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022024\
 Data File : BP019789.D
 Acq On : 20 Feb 2024 17:02
 Operator : MA/JU
 Sample : P1514-02MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ETGI-343MSD

Quant Time: Feb 20 23:52:25 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	7.899	152	74100	20.000	ng	0.00
21) Naphthalene-d8	10.699	136	269872	20.000	ng	0.00
39) Acenaphthene-d10	14.534	164	184548	20.000	ng	0.00
64) Phenanthrene-d10	17.292	188	404146	20.000	ng	0.00
76) Chrysene-d12	21.386	240	443300	20.000	ng	# 0.00
86) Perylene-d12	23.798	264	513600	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	531094	115.531	ng	0.00
7) Phenol-d6	7.075	99	652665	105.295	ng	0.00
23) Nitrobenzene-d5	9.069	82	508610	81.664	ng	0.00
42) 2,4,6-Tribromophenol	16.034	330	426887	158.427	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	1203224	80.600	ng	0.00
79) Terphenyl-d14	19.857	244	2262041	83.917	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.387	88	57819	32.645	ng	# 76
3) Pyridine	3.793	79	141270	29.420	ng	98
4) n-Nitrosodimethylamine	3.705	42	82460	39.444	ng	98
6) Aniline	7.234	93	109868	18.242	ng	98
8) 2-Chlorophenol	7.463	128	205327	43.505	ng	96
9) Benzaldehyde	7.046	77	25294	5.820	ng	97
10) Phenol	7.099	94	236986	38.361	ng	98
11) bis(2-Chloroethyl)ether	7.334	93	192888	40.132	ng	100
12) 1,3-Dichlorobenzene	7.787	146	230710	39.950	ng	98
13) 1,4-Dichlorobenzene	7.934	146	234576	40.093	ng	99
14) 1,2-Dichlorobenzene	8.246	146	225660	39.862	ng	99
15) Benzyl Alcohol	8.152	79	221690	44.762	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.422	45	191974	39.942	ng	99
17) 2-Methylphenol	8.346	107	176302	42.389	ng	99
18) Hexachloroethane	8.963	117	88984	39.237	ng	98
19) n-Nitroso-di-n-propyla...	8.716	70	171423	40.489	ng	98
20) 3+4-Methylphenols	8.681	107	232976	41.044	ng	98
22) Acetophenone	8.734	105	328914	42.781	ng	# 96
24) Nitrobenzene	9.110	77	259504	41.383	ng	98
25) Isophorone	9.640	82	473655	43.669	ng	99
26) 2-Nitrophenol	9.816	139	114572	47.918	ng	96
27) 2,4-Dimethylphenol	9.881	122	157452	51.500	ng	98
28) bis(2-Chloroethoxy)met...	10.122	93	263971	43.014	ng	99
29) 2,4-Dichlorophenol	10.352	162	222117	48.060	ng	99
30) 1,2,4-Trichlorobenzene	10.563	180	249646	44.055	ng	99
31) Naphthalene	10.746	128	621736	42.006	ng	99
32) Benzoic acid	9.993	122	45384	15.236	ng	96
33) 4-Chloroaniline	10.881	127	23871	4.361	ng	98
34) Hexachlorobutadiene	11.016	225	181282	43.170	ng	99
35) Caprolactam	11.681	113	58193	44.478	ng	95
36) 4-Chloro-3-methylphenol	11.999	107	240178	47.660	ng	98
37) 2-Methylnaphthalene	12.357	142	452710	44.196	ng	99
38) 1-Methylnaphthalene	12.575	142	429068	42.625	ng	99
40) 1,2,4,5-Tetrachloroben...	12.722	216	322559	45.320	ng	99
41) Hexachlorocyclopentadiene	12.687	237	297930	92.661	ng	99
43) 2,4,6-Trichlorophenol	12.969	196	207505	48.148	ng	99

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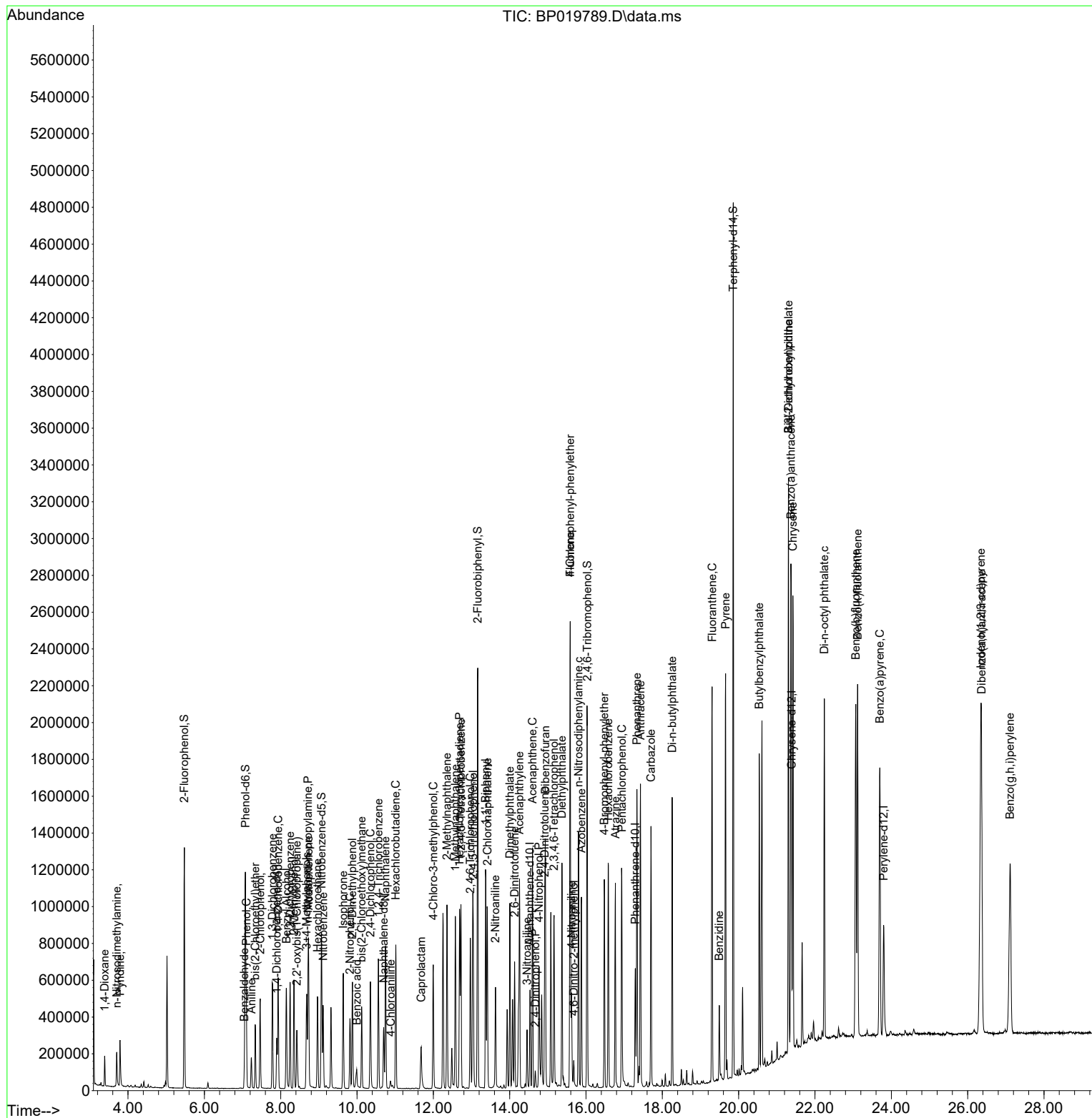
Instrument :
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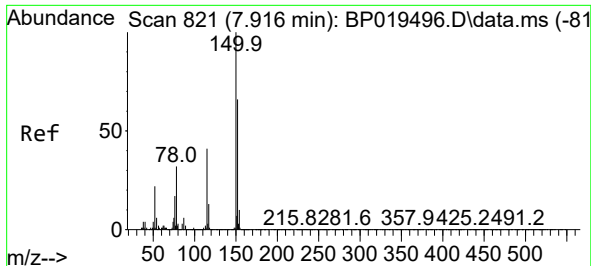
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 19 23:35:42 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.046	196	223861	47.304	ng	98
46) 1,1'-Biphenyl	13.369	154	621608	42.202	ng	99
47) 2-Chloronaphthalene	13.416	162	501386	41.467	ng	98
48) 2-Nitroaniline	13.628	65	152870	45.215	ng	97
49) Acenaphthylene	14.257	152	801340	47.239	ng	100
50) Dimethylphthalate	14.004	163	663457	46.961	ng	99
51) 2,6-Dinitrotoluene	14.128	165	144906	46.684	ng	96
52) Acenaphthene	14.598	154	452483	42.978	ng	100
53) 3-Nitroaniline	14.457	138	78665	27.577	ng	99
54) 2,4-Dinitrophenol	14.675	184	22886	14.201	ng	96
55) Dibenzofuran	14.934	168	779092	45.434	ng	99
56) 4-Nitrophenol	14.769	139	198738	85.002	ng	99
57) 2,4-Dinitrotoluene	14.916	165	202492	49.782	ng	99
58) Fluorene	15.587	166	628182	45.995	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.163	232	222884	55.993	ng	95
60) Diethylphthalate	15.369	149	652575	46.439	ng	98
61) 4-Chlorophenyl-phenyle...	15.587	204	360321	46.939	ng	94
62) 4-Nitroaniline	15.622	138	131088	43.842	ng	95
63) Azobenzene	15.881	77	593679	43.689	ng	97
65) 4,6-Dinitro-2-methylph...	15.681	198	32829	14.246	ng	93
66) n-Nitrosodiphenylamine	15.804	169	548196	45.291	ng	99
67) 4-Bromophenyl-phenylether	16.481	248	243007	48.098	ng	97
68) Hexachlorobenzene	16.587	284	282662	47.909	ng	93
69) Atrazine	16.769	200	225741	56.204	ng	97
70) Pentachlorophenol	16.939	266	255490	69.537	ng	99
71) Phenanthrene	17.334	178	1016325	47.785	ng	100
72) Anthracene	17.428	178	1025583	48.338	ng	99
73) Carbazole	17.704	167	918552	47.656	ng	99
74) Di-n-butylphthalate	18.257	149	1085241	46.566	ng	99
75) Fluoranthene	19.304	202	1327594	51.096	ng	99
77) Benzidine	19.492	184	269958	29.128	ng	99
78) Pyrene	19.657	202	1405245	44.916	ng	99
80) Butylbenzylphthalate	20.539	149	498210	42.642	ng	99
81) Benzo(a)anthracene	21.369	228	1510346	48.401	ng	99
82) 3,3'-Dichlorobenzidine	21.304	252	377095	33.163	ng	98
83) Chrysene	21.422	228	1391510	46.969	ng	99
84) Bis(2-ethylhexyl)phtha...	21.304	149	710276	39.923	ng	98
85) Di-n-octyl phthalate	22.245	149	1269420	40.553	ng	99
87) Indeno(1,2,3-cd)pyrene	26.345	276	1829935	46.546	ng	97
88) Benzo(b)fluoranthene	23.069	252	1550940	47.913	ng	98
89) Benzo(k)fluoranthene	23.116	252	1439596	46.558	ng	98
90) Benzo(a)pyrene	23.698	252	1382504	48.001	ng	99
91) Dibenzo(a,h)anthracene	26.362	278	1507226	46.614	ng	97
92) Benzo(g,h,i)perylene	27.109	276	1419144	43.262	ng	98

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

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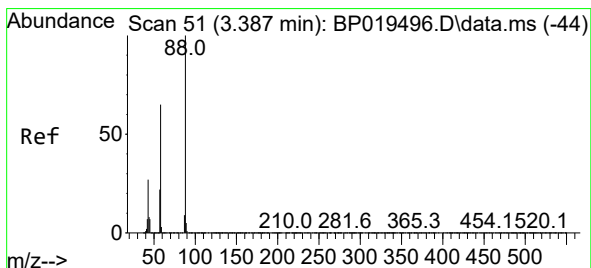
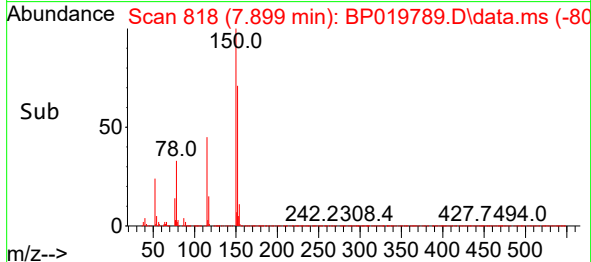
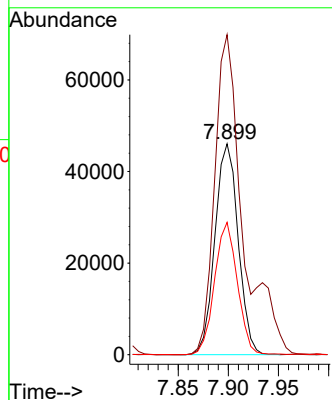
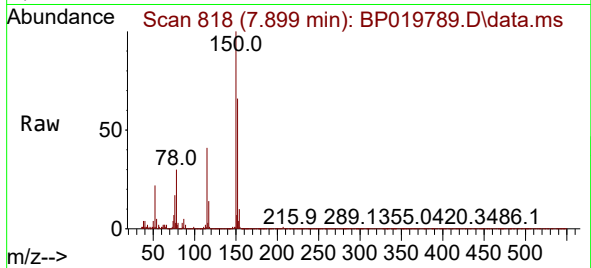




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.899 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BP019789.D
 Acq: 20 Feb 2024 17:02

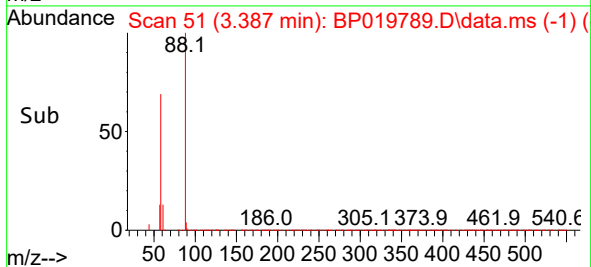
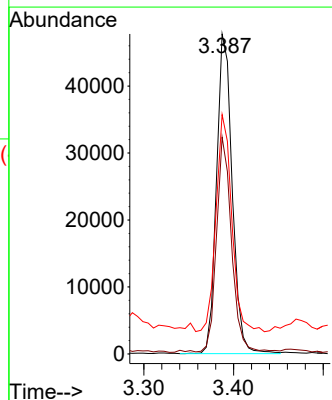
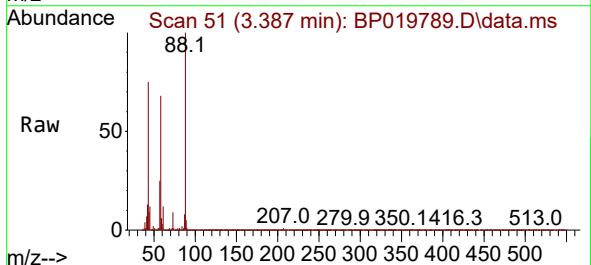
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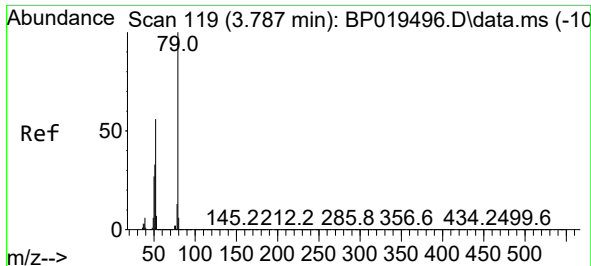
Tgt Ion:152 Resp: 74100
 Ion Ratio Lower Upper
 152 100
 150 151.8 121.8 182.8
 115 62.8 49.9 74.9



#2
 1,4-Dioxane
 Concen: 32.645 ng
 RT: 3.387 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: BP019789.D
 Acq: 20 Feb 2024 17:02

Tgt Ion: 88 Resp: 57819
 Ion Ratio Lower Upper
 88 100
 58 64.3 52.6 78.8
 43 68.3 21.9 32.9#

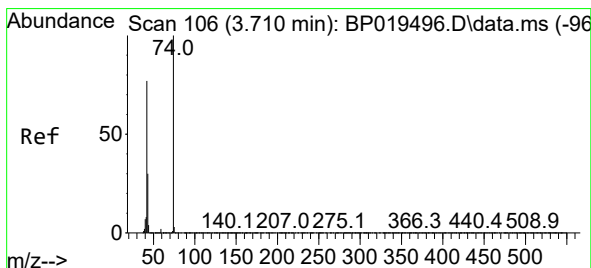
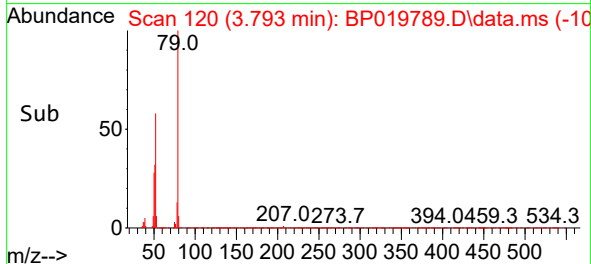
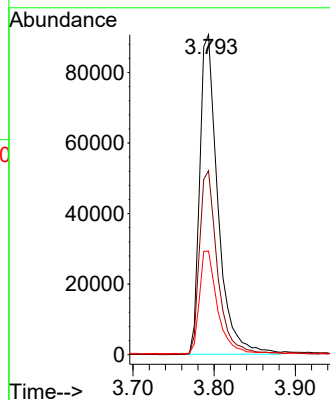
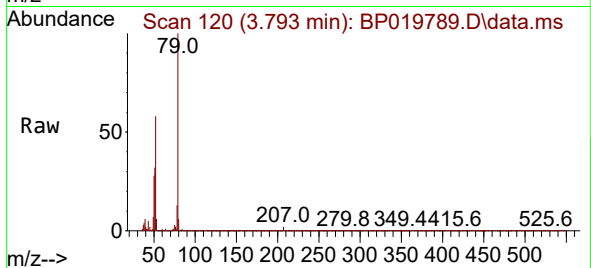




#3
Pyridine
Concen: 29.420 ng
RT: 3.793 min Scan# 119
Delta R.T. 0.012 min
Lab File: BP019789.D
Acq: 20 Feb 2024 17:02

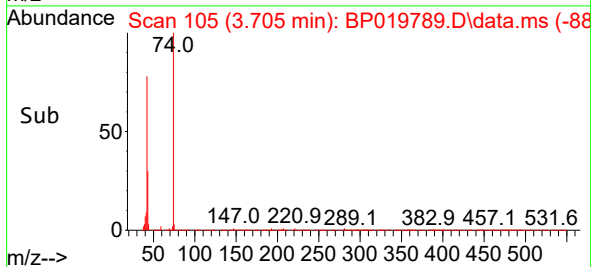
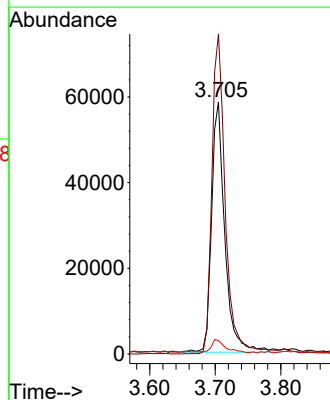
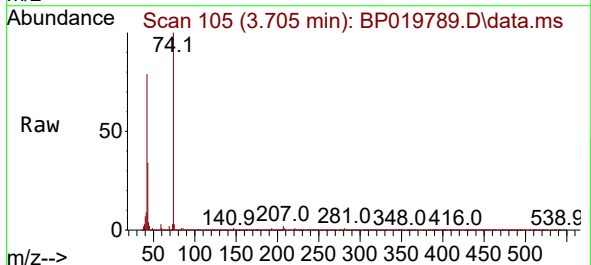
Instrument :
BNA_P
ClientSampleId :
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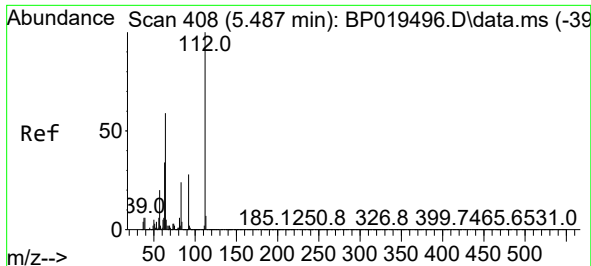
Tgt Ion: 79 Resp: 141270
Ion Ratio Lower Upper
79 100
52 57.5 45.0 67.6
51 32.4 26.8 40.2



#4
n-Nitrosodimethylamine
Concen: 39.444 ng
RT: 3.705 min Scan# 105
Delta R.T. 0.000 min
Lab File: BP019789.D
Acq: 20 Feb 2024 17:02

Tgt Ion: 42 Resp: 82460
Ion Ratio Lower Upper
42 100
74 127.0 103.4 155.2
44 5.3 4.8 7.2

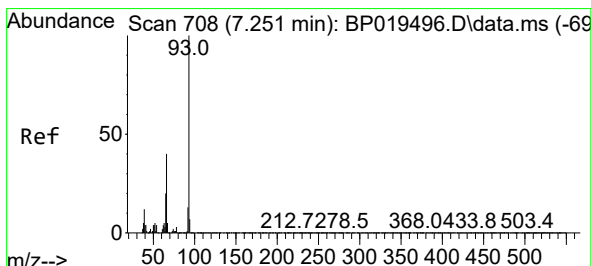
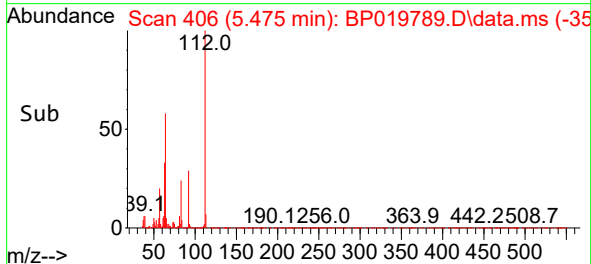
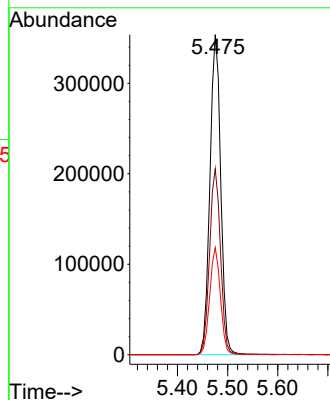
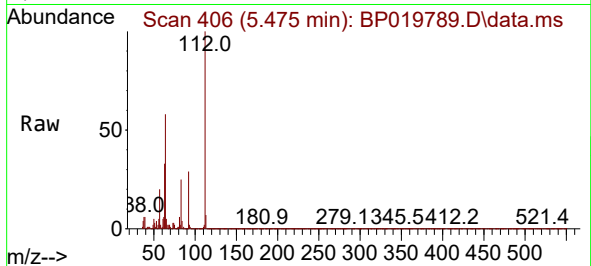




#5
2-Fluorophenol
Concen: 115.531 ng
RT: 5.475 min Scan# 408
Delta R.T. 0.000 min
Lab File: BP019789.D
Acq: 20 Feb 2024 17:02

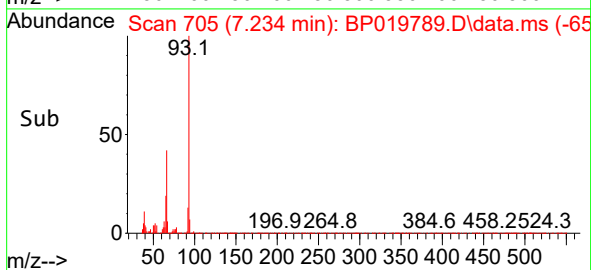
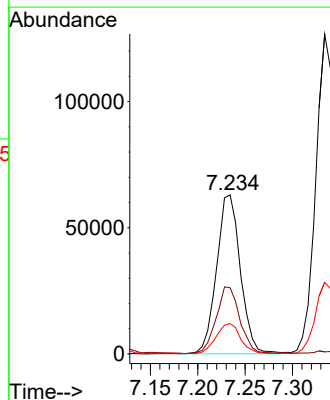
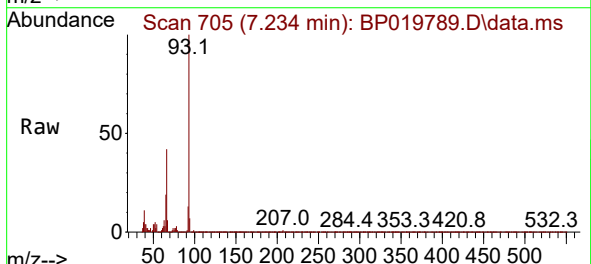
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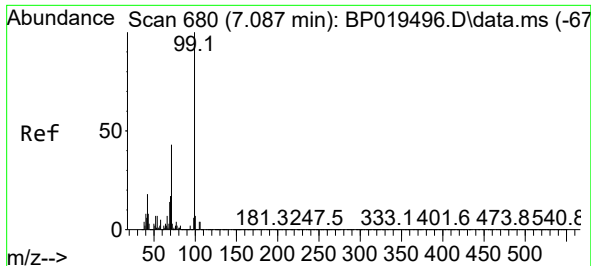
Tgt Ion:112 Resp: 531094
Ion Ratio Lower Upper
112 100
64 58.1 47.4 71.0
63 33.4 27.0 40.6



#6
Aniline
Concen: 18.242 ng
RT: 7.234 min Scan# 705
Delta R.T. 0.000 min
Lab File: BP019789.D
Acq: 20 Feb 2024 17:02

Tgt Ion: 93 Resp: 109868
Ion Ratio Lower Upper
93 100
66 41.6 32.3 48.5
65 19.1 16.4 24.6

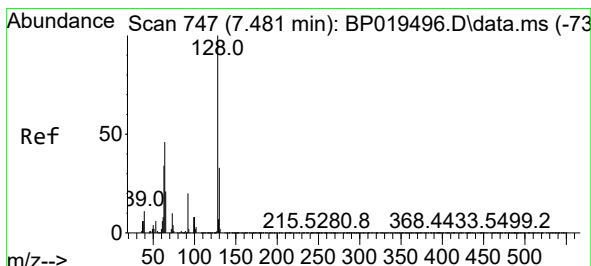
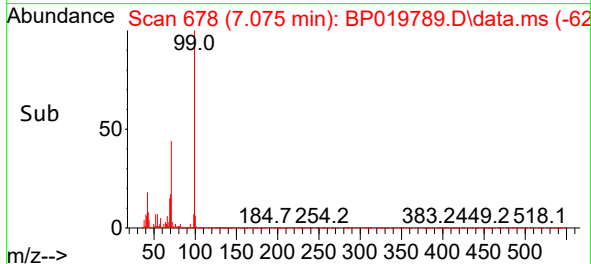
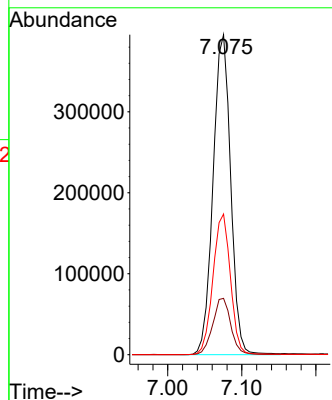
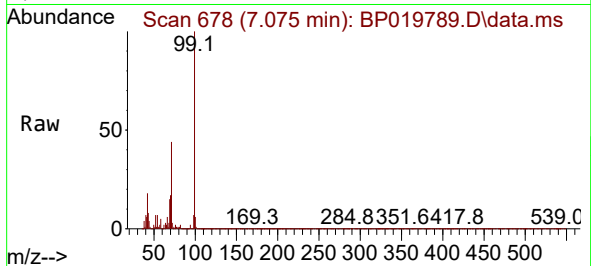




#7
Phenol-d6
Concen: 105.295 ng
RT: 7.075 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP019789.D
Acq: 20 Feb 2024 17:02

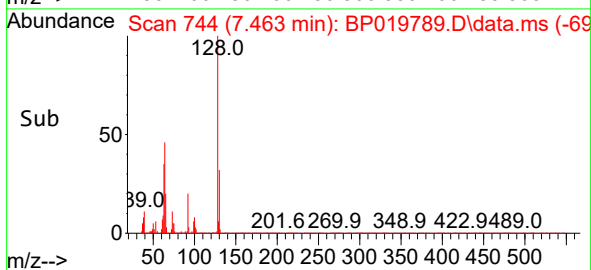
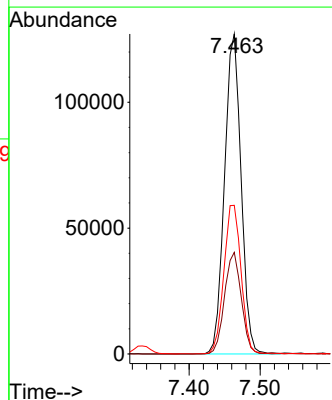
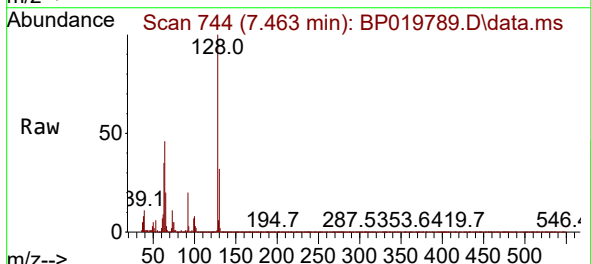
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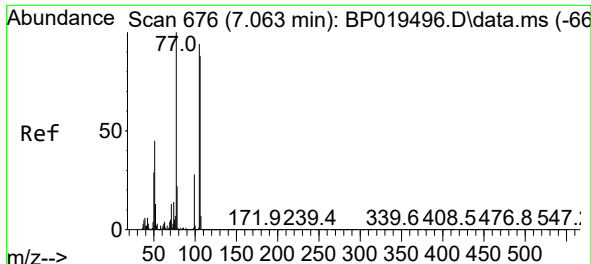
Tgt Ion: 99 Resp: 652665
Ion Ratio Lower Upper
99 100
42 17.6 14.7 22.1
71 44.0 34.8 52.2



#8
2-Chlorophenol
Concen: 43.505 ng
RT: 7.463 min Scan# 744
Delta R.T. 0.000 min
Lab File: BP019789.D
Acq: 20 Feb 2024 17:02

Tgt Ion:128 Resp: 205327
Ion Ratio Lower Upper
128 100
130 31.7 13.3 53.3
64 46.5 29.7 69.7

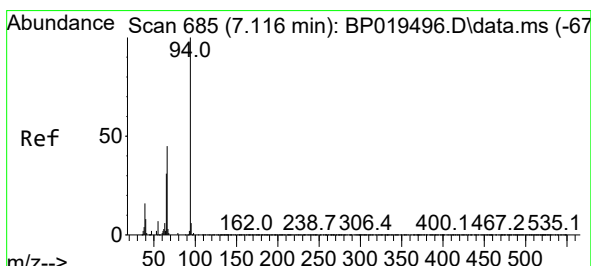
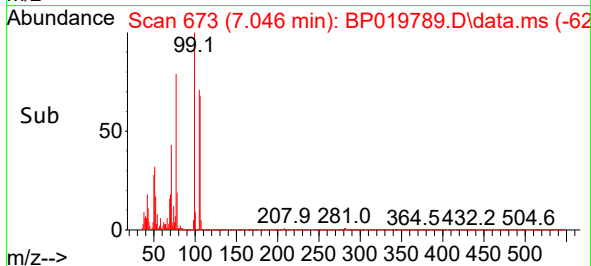
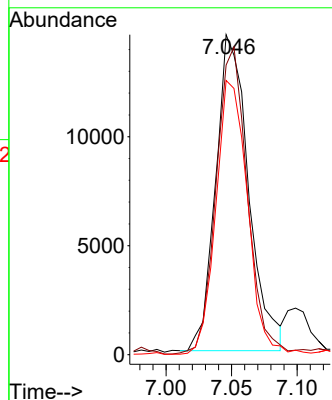
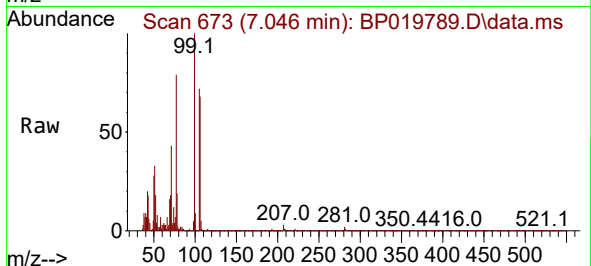




#9
Benzaldehyde
Concen: 5.820 ng
RT: 7.046 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019789.D
Acq: 20 Feb 2024 17:02

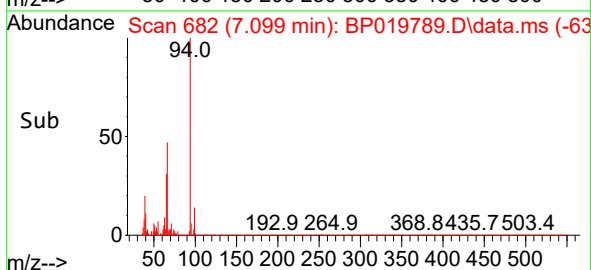
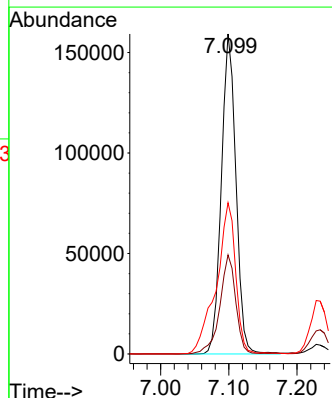
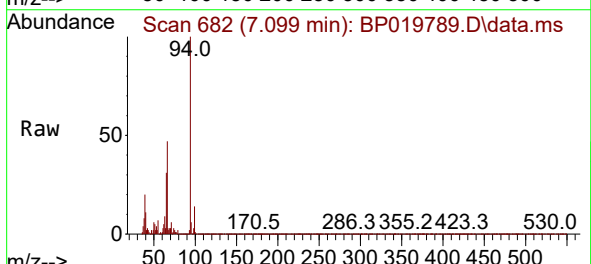
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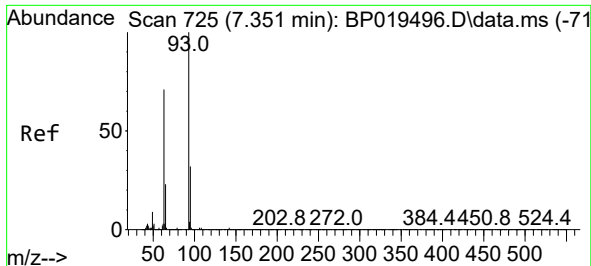
Tgt Ion: 77 Resp: 25294
Ion Ratio Lower Upper
77 100
105 90.5 74.0 114.0
106 85.7 67.8 107.8



#10
Phenol
Concen: 38.361 ng
RT: 7.099 min Scan# 682
Delta R.T. 0.000 min
Lab File: BP019789.D
Acq: 20 Feb 2024 17:02

Tgt Ion: 94 Resp: 236986
Ion Ratio Lower Upper
94 100
65 30.9 11.3 51.3
66 47.2 25.1 65.1

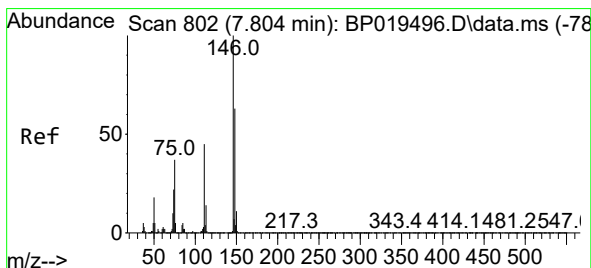
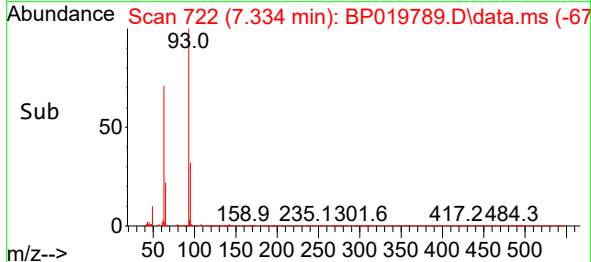
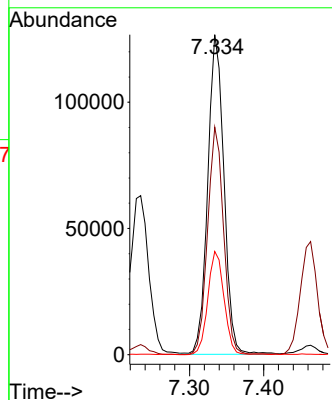
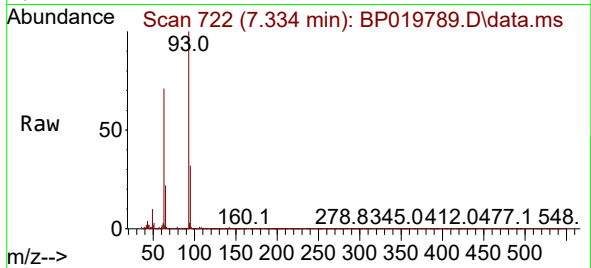




#11
bis(2-Chloroethyl)ether
Concen: 40.132 ng
RT: 7.334 min Scan# 711
Delta R.T. -0.006 min
Lab File: BP019789.D
Acq: 20 Feb 2024 17:02

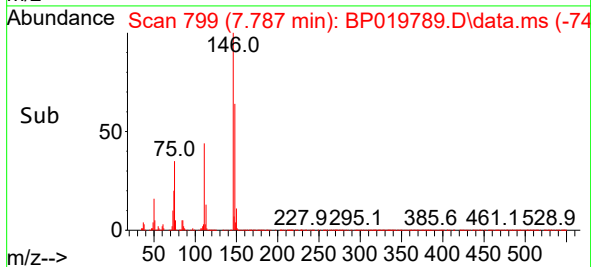
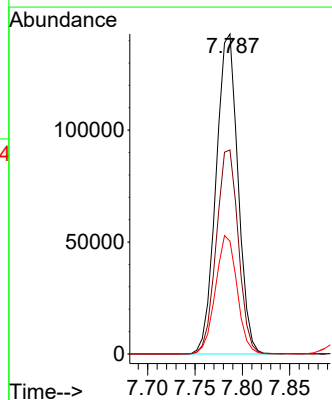
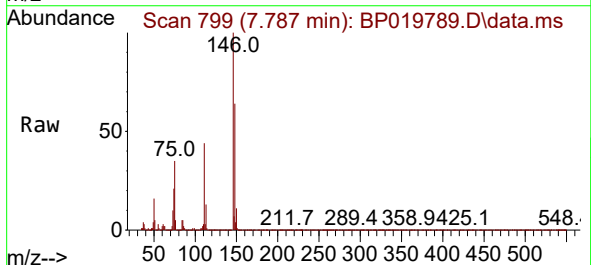
Instrument :
BNA_P
ClientSampleId :
ETGI-343MSD

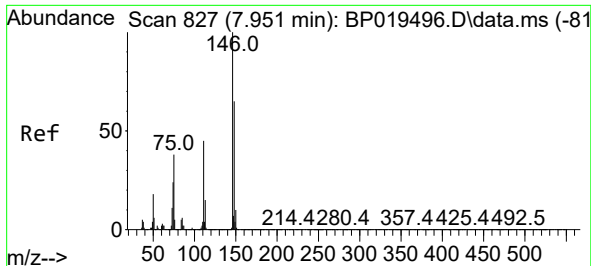
Tgt Ion: 93 Resp: 192888
Ion Ratio Lower Upper
93 100
63 71.1 51.2 91.2
95 32.3 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 39.950 ng
RT: 7.787 min Scan# 799
Delta R.T. 0.000 min
Lab File: BP019789.D
Acq: 20 Feb 2024 17:02

Tgt Ion:146 Resp: 230710
Ion Ratio Lower Upper
146 100
148 63.7 50.4 75.6
75 35.2 29.9 44.9

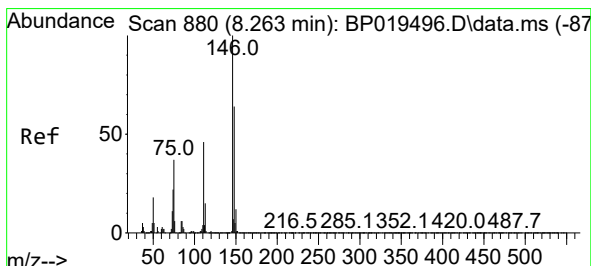
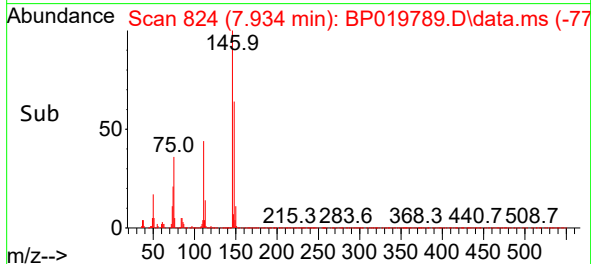
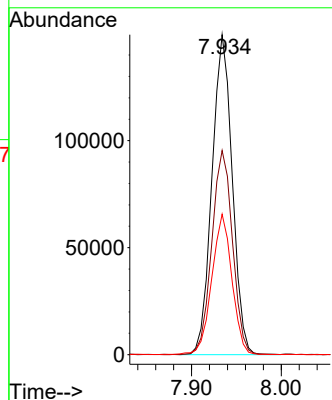
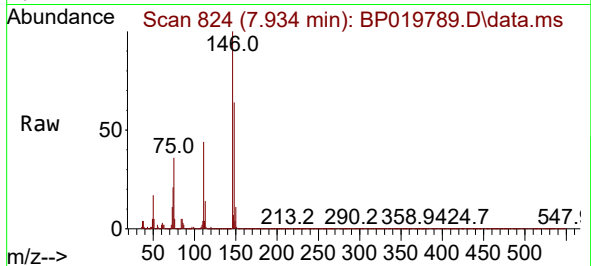




#13
1,4-Dichlorobenzene
Concen: 40.093 ng
RT: 7.934 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP019789.D
Acq: 20 Feb 2024 17:02

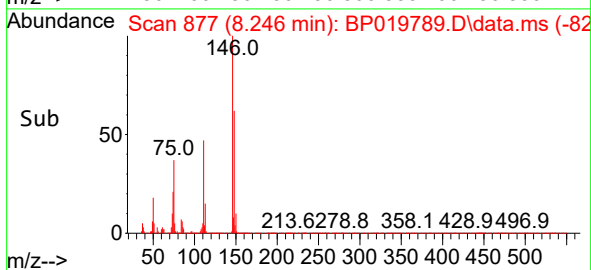
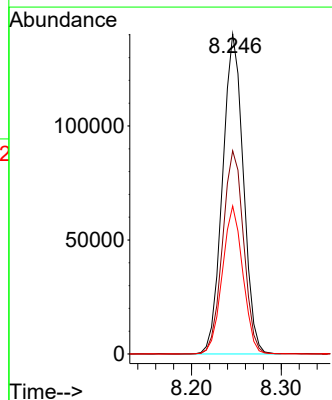
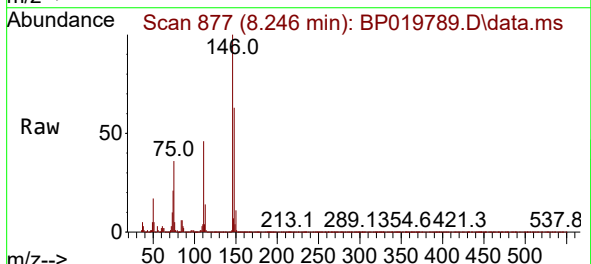
Instrument :
BNA_P
ClientSampleId :
ETGI-343MSD

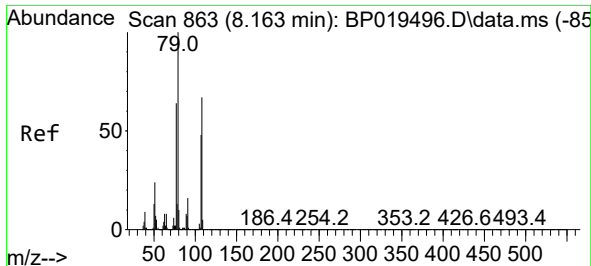
Tgt Ion:146 Resp: 234576
Ion Ratio Lower Upper
146 100
148 63.8 51.9 77.9
111 43.9 35.8 53.6



#14
1,2-Dichlorobenzene
Concen: 39.862 ng
RT: 8.246 min Scan# 877
Delta R.T. -0.006 min
Lab File: BP019789.D
Acq: 20 Feb 2024 17:02

Tgt Ion:146 Resp: 225660
Ion Ratio Lower Upper
146 100
148 63.5 51.4 77.0
111 46.3 37.0 55.6

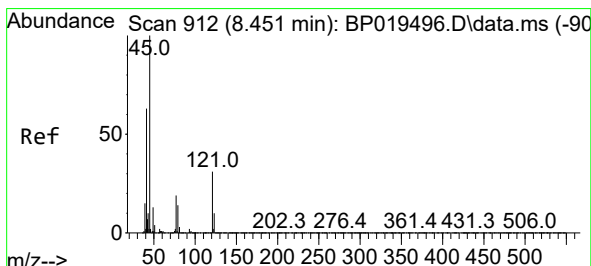
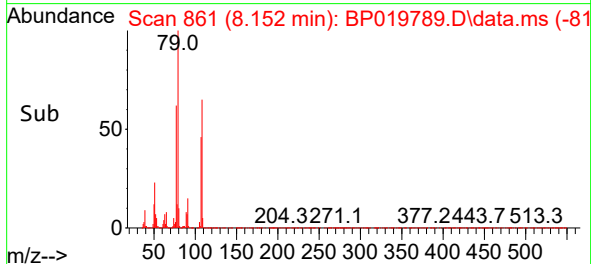
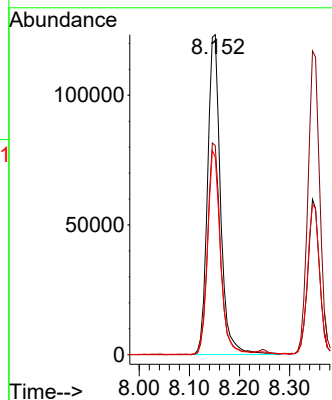
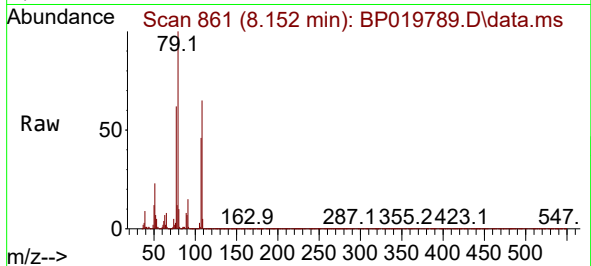




#15
Benzyl Alcohol
Concen: 44.762 ng
RT: 8.152 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP019789.D
Acq: 20 Feb 2024 17:02

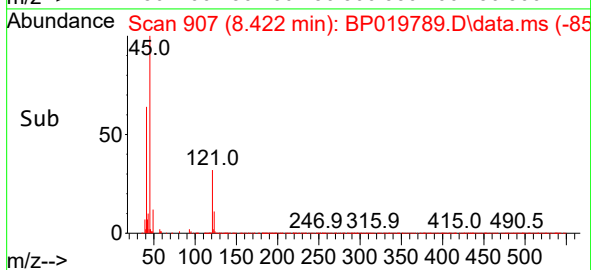
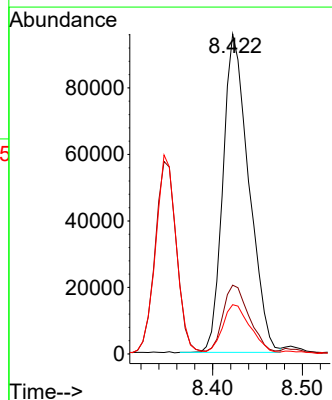
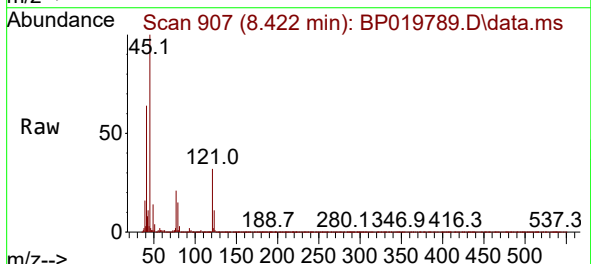
Instrument :
BNA_P
ClientSampleId :
ETGI-343MSD

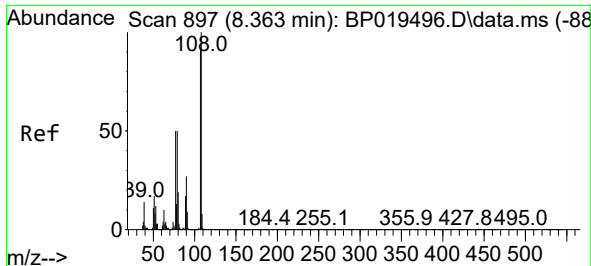
Tgt Ion: 79 Resp: 221690
Ion Ratio Lower Upper
79 100
108 65.4 53.8 80.6
77 61.7 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.942 ng
RT: 8.422 min Scan# 907
Delta R.T. -0.018 min
Lab File: BP019789.D
Acq: 20 Feb 2024 17:02

Tgt Ion: 45 Resp: 191974
Ion Ratio Lower Upper
45 100
77 21.5 0.8 40.8
79 15.4 0.0 35.5

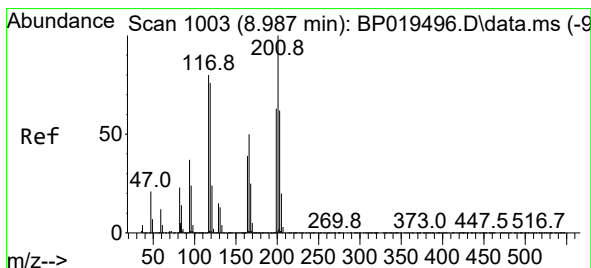
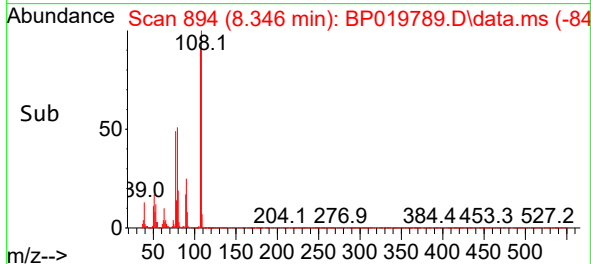
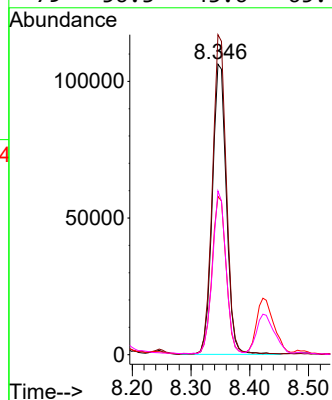
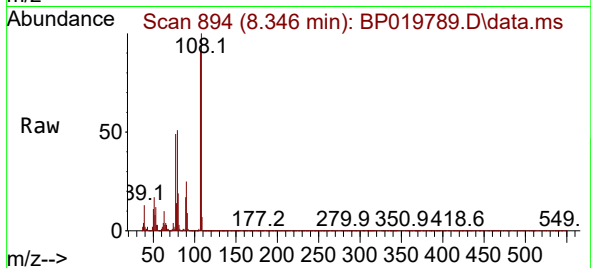




#17
2-Methylphenol
Concen: 42.389 ng
RT: 8.346 min Scan# 894
Delta R.T. 0.000 min
Lab File: BP019789.D
Acq: 20 Feb 2024 17:02

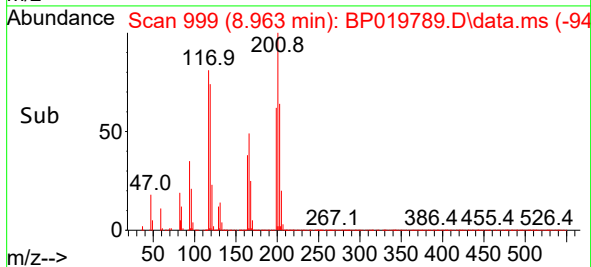
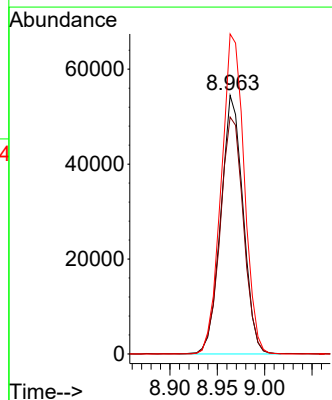
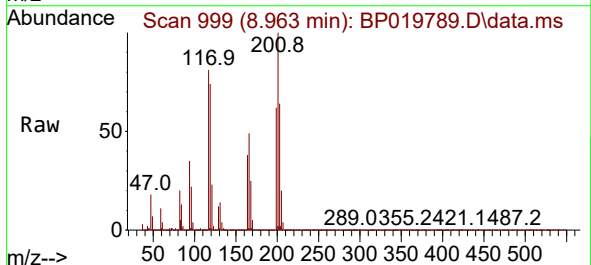
Instrument :
BNA_P
ClientSampleId :
ETGI-343MSD

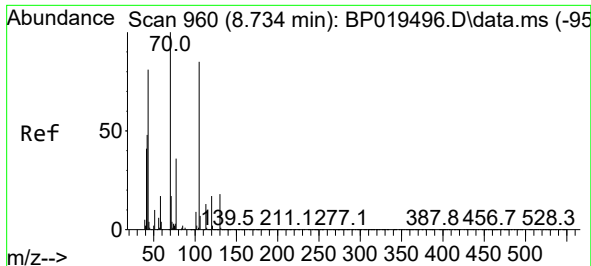
Tgt Ion:107 Resp: 176302
Ion Ratio Lower Upper
107 100
108 110.2 87.0 130.6
77 54.5 43.5 65.3
79 56.3 43.6 65.4



#18
Hexachloroethane
Concen: 39.237 ng
RT: 8.963 min Scan# 999
Delta R.T. -0.006 min
Lab File: BP019789.D
Acq: 20 Feb 2024 17:02

Tgt Ion:117 Resp: 88984
Ion Ratio Lower Upper
117 100
119 91.6 75.5 113.3
201 123.7 99.4 149.2

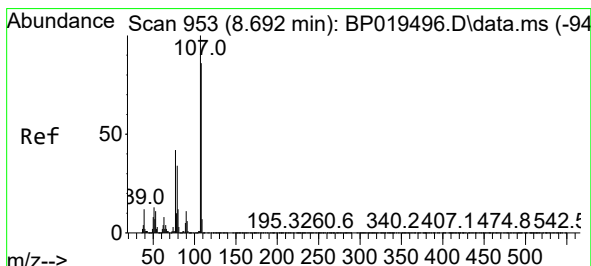
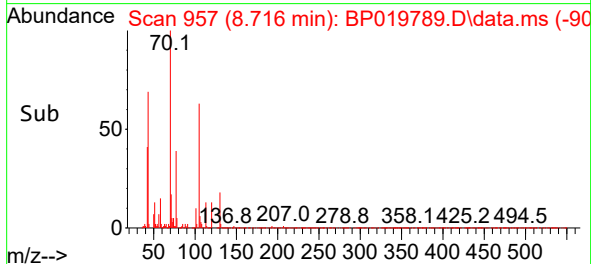
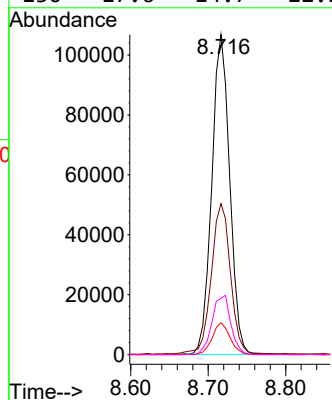
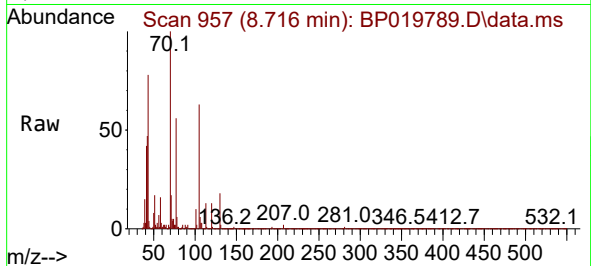




#19
n-Nitroso-di-n-propylamine
Concen: 40.489 ng
RT: 8.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP019789.D
Acq: 20 Feb 2024 17:02

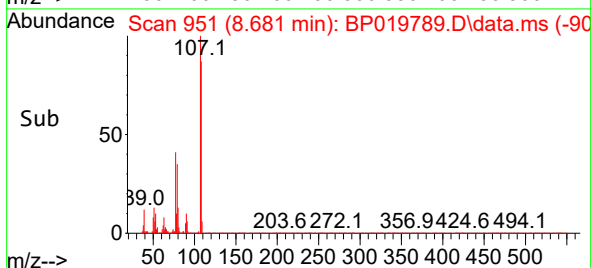
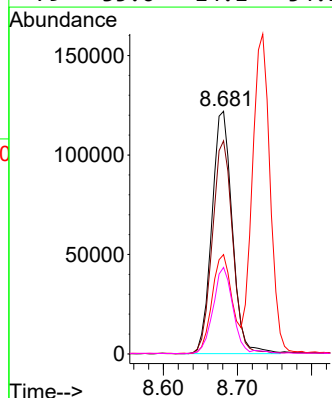
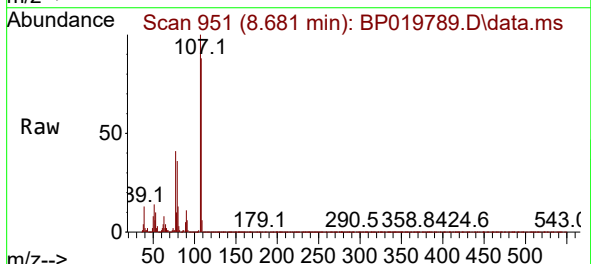
Instrument :
BNA_P
ClientSampleId :
ETGI-343MSD

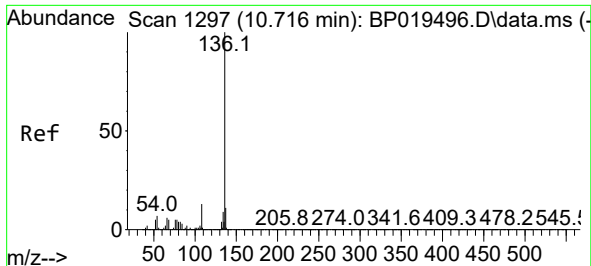
Tgt Ion: 70 Resp: 171423
Ion Ratio Lower Upper
70 100
42 47.2 39.2 58.8
101 10.0 7.3 10.9
130 17.6 14.7 22.1



#20
3+4-Methylphenols
Concen: 41.044 ng
RT: 8.681 min Scan# 951
Delta R.T. 0.000 min
Lab File: BP019789.D
Acq: 20 Feb 2024 17:02

Tgt Ion: 107 Resp: 232976
Ion Ratio Lower Upper
107 100
108 87.8 65.5 105.5
77 40.9 21.8 61.8
79 35.6 14.1 54.1

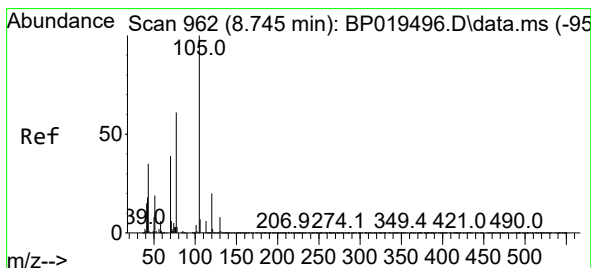
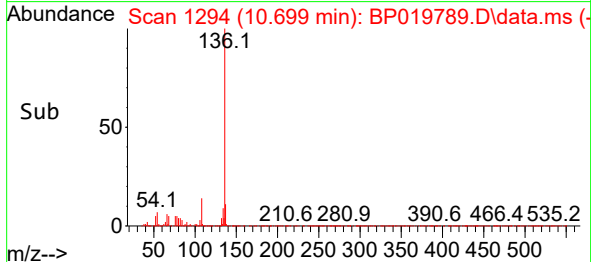
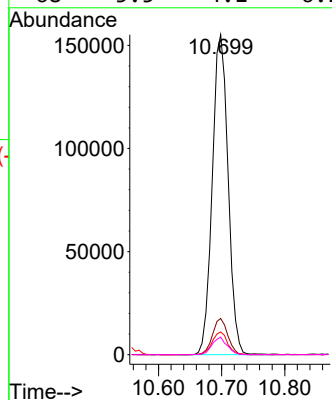
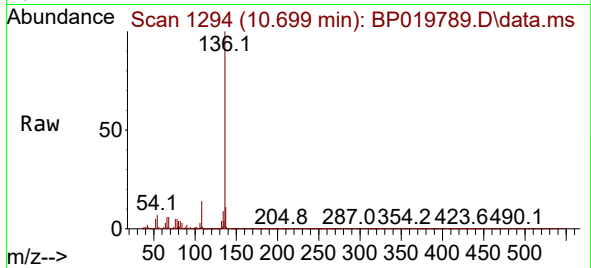




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.699 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP019789.D
Acq: 20 Feb 2024 17:02

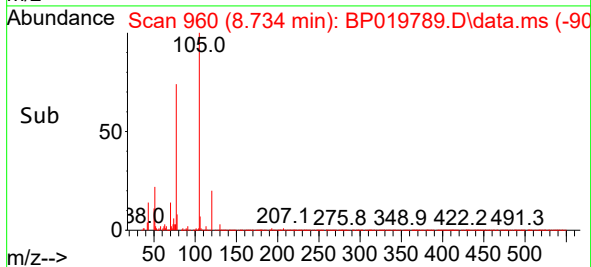
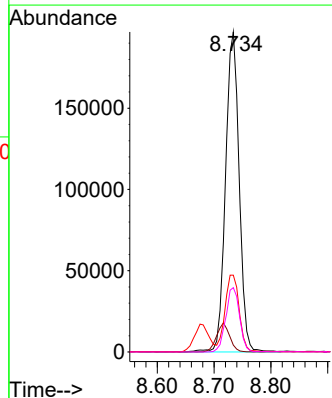
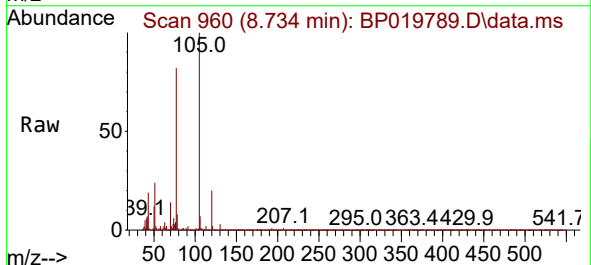
Instrument :
BNA_P
ClientSampleId :
ETGI-343MSD

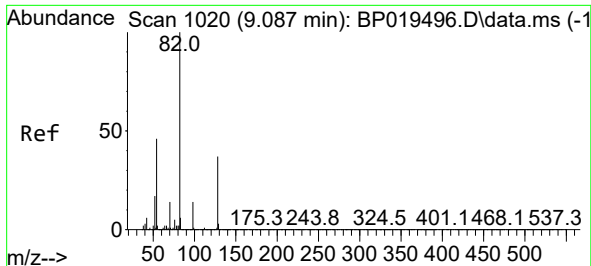
Tgt Ion:136 Resp: 269872
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 7.1 5.3 7.9
68 5.5 4.1 6.1



#22
Acetophenone
Concen: 42.781 ng
RT: 8.734 min Scan# 960
Delta R.T. 0.000 min
Lab File: BP019789.D
Acq: 20 Feb 2024 17:02

Tgt Ion:105 Resp: 328914
Ion Ratio Lower Upper
105 100
71 2.1 4.9 7.3#
51 24.0 20.7 31.1
120 20.1 15.8 23.8

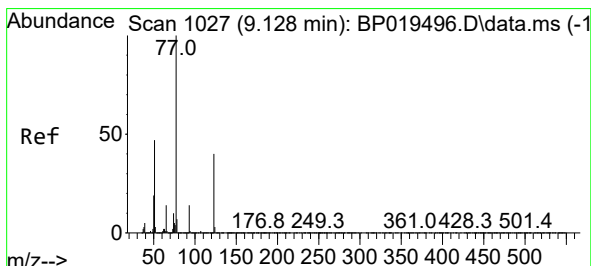
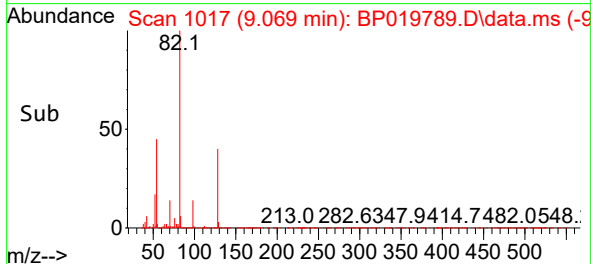
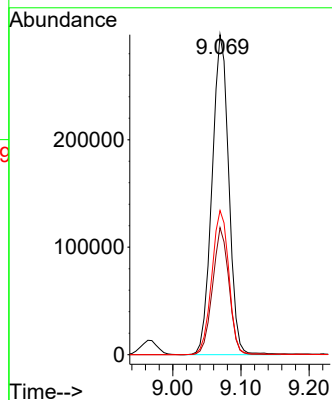
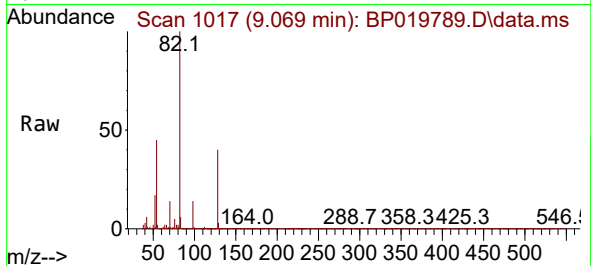




#23
Nitrobenzene-d5
Concen: 81.664 ng
RT: 9.069 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BP019789.D
Acq: 20 Feb 2024 17:02

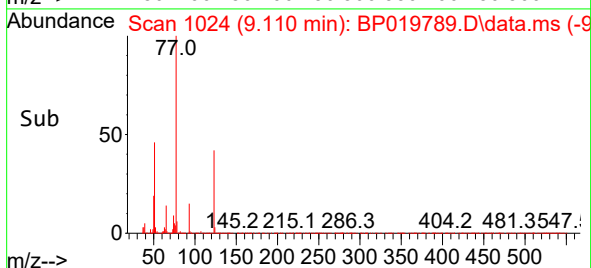
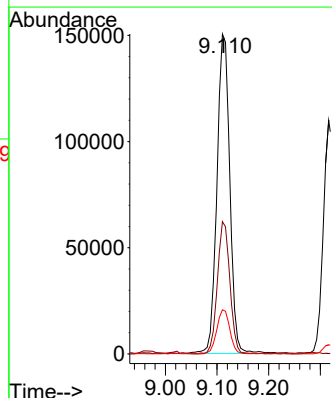
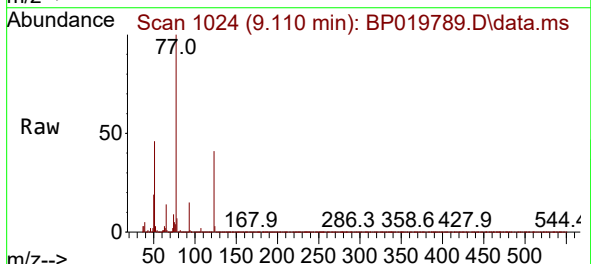
Instrument :
BNA_P
ClientSampleId :
ETGI-343MSD

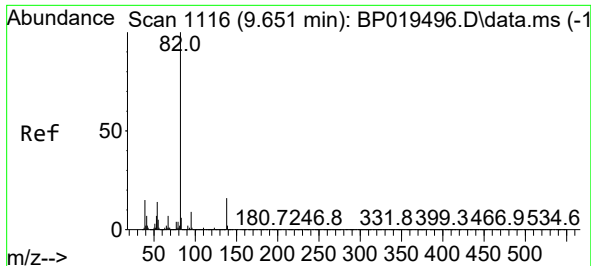
Tgt Ion: 82 Resp: 508610
Ion Ratio Lower Upper
82 100
128 39.7 29.7 44.5
54 45.0 36.8 55.2



#24
Nitrobenzene
Concen: 41.383 ng
RT: 9.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BP019789.D
Acq: 20 Feb 2024 17:02

Tgt Ion: 77 Resp: 259504
Ion Ratio Lower Upper
77 100
123 41.3 32.3 48.5
65 13.8 11.6 17.4

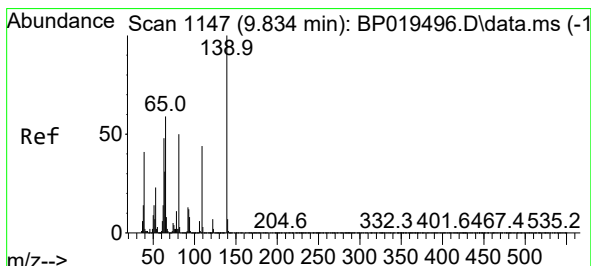
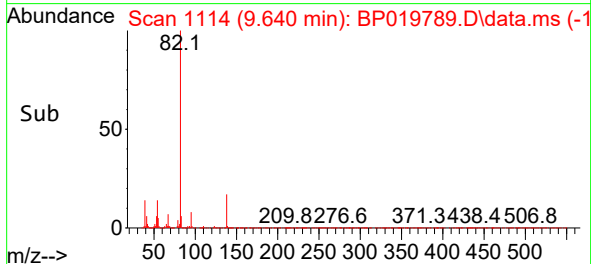
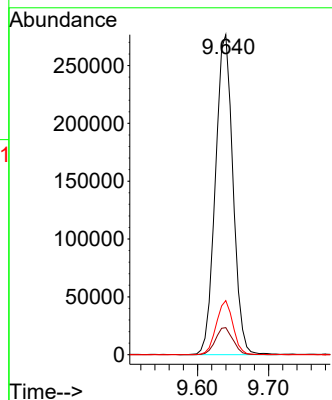
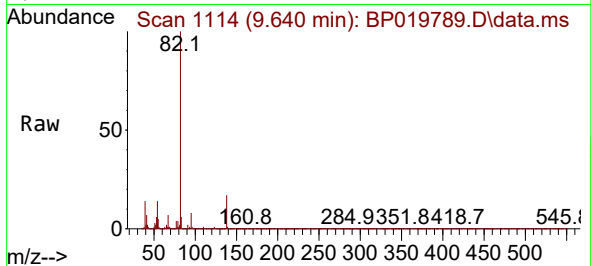




#25
Isophorone
Concen: 43.669 ng
RT: 9.640 min Scan# 1114
Delta R.T. 0.000 min
Lab File: BP019789.D
Acq: 20 Feb 2024 17:02

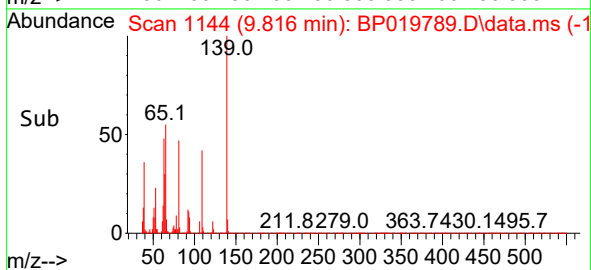
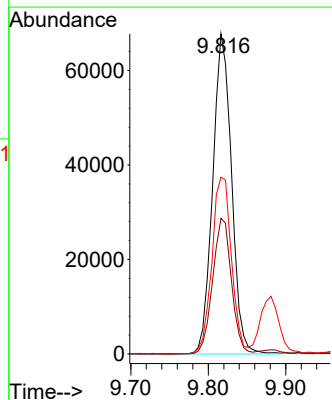
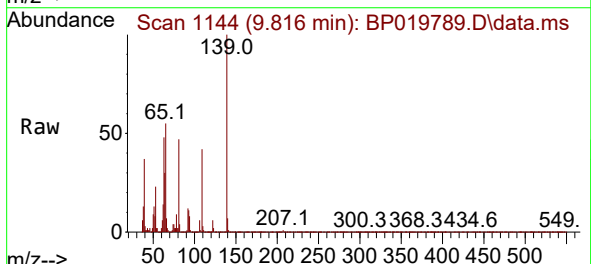
Instrument :
BNA_P
ClientSampleId :
ETGI-343MSD

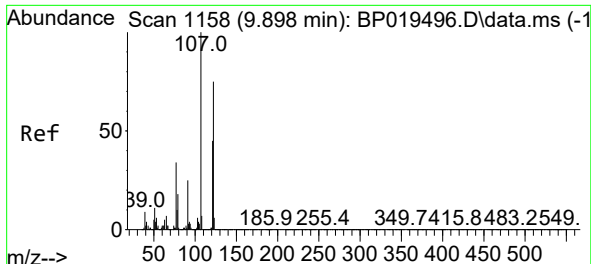
Tgt Ion: 82 Resp: 473655
Ion Ratio Lower Upper
82 100
95 8.5 7.0 10.4
138 16.9 13.1 19.7



#26
2-Nitrophenol
Concen: 47.918 ng
RT: 9.816 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BP019789.D
Acq: 20 Feb 2024 17:02

Tgt Ion:139 Resp: 114572
Ion Ratio Lower Upper
139 100
109 42.4 34.9 52.3
65 55.3 47.5 71.3





#27

2,4-Dimethylphenol

Concen: 51.500 ng

RT: 9.881 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BP019789.D

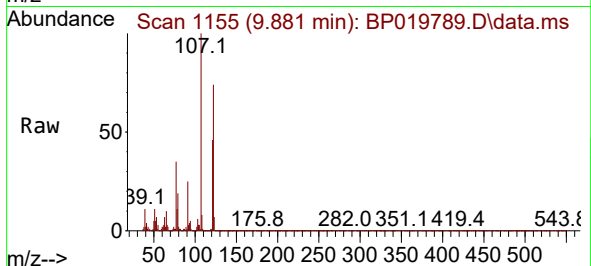
Acq: 20 Feb 2024 17:02

Instrument :

BNA_P

ClientSampleId :

ETGI-343MSD



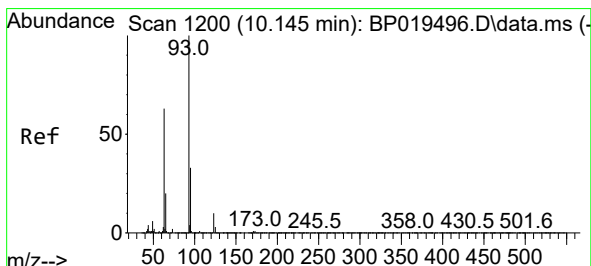
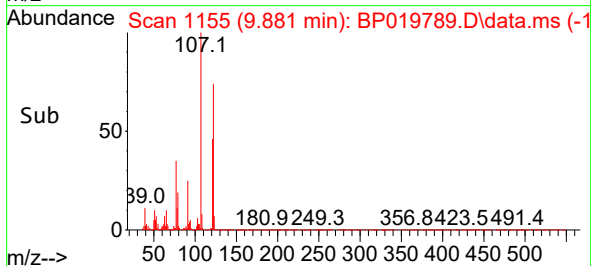
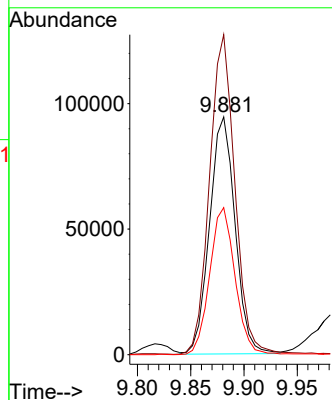
Tgt Ion:122 Resp: 157452

Ion Ratio Lower Upper

122 100

107 134.6 105.9 158.9

121 61.9 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 43.014 ng

RT: 10.122 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BP019789.D

Acq: 20 Feb 2024 17:02

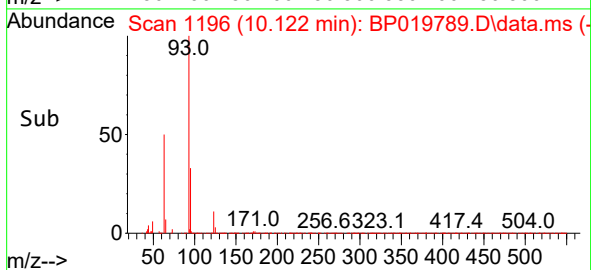
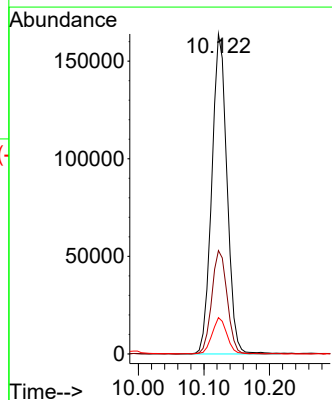
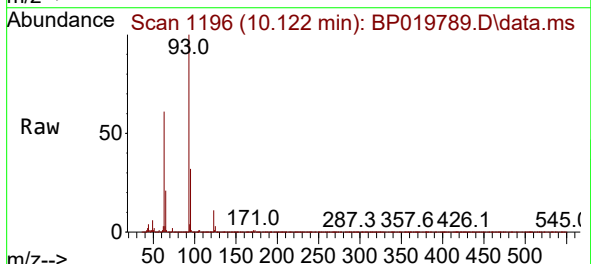
Tgt Ion: 93 Resp: 263971

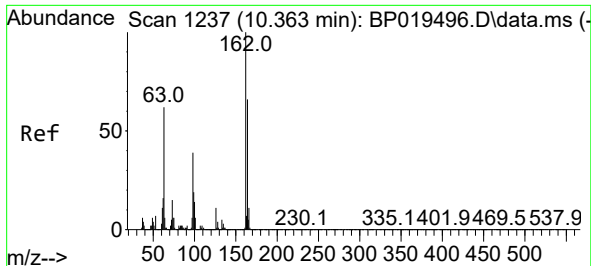
Ion Ratio Lower Upper

93 100

95 32.3 26.2 39.4

123 11.3 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 48.060 ng

RT: 10.352 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BP019789.D

Acq: 20 Feb 2024 17:02

Instrument :

BNA_P

ClientSampleId :

ETGI-343MSD

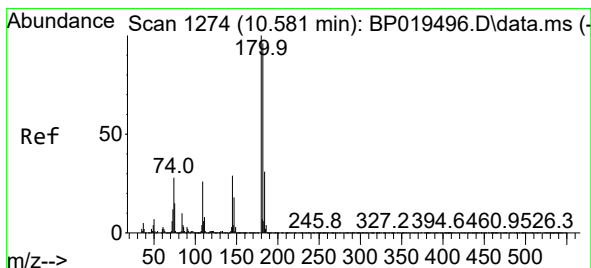
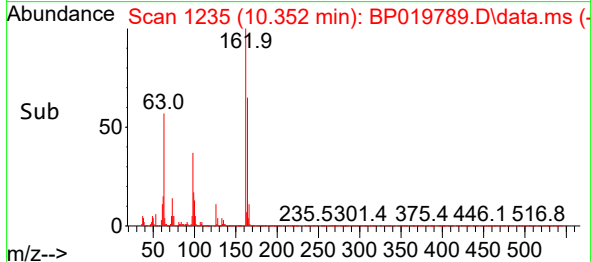
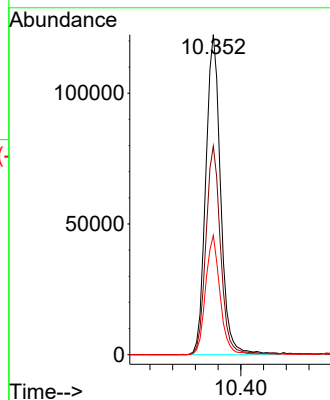
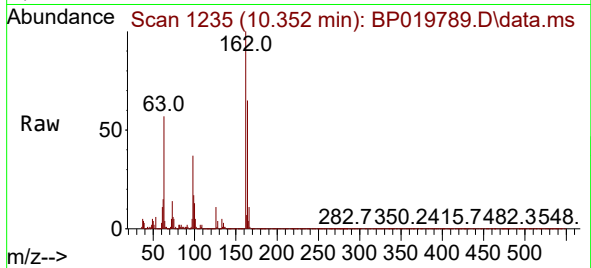
Tgt Ion:162 Resp: 222117

Ion Ratio Lower Upper

162 100

164 65.2 46.0 86.0

98 37.3 18.7 58.7



#30

1,2,4-Trichlorobenzene

Concen: 44.055 ng

RT: 10.563 min Scan# 1271

Delta R.T. 0.000 min

Lab File: BP019789.D

Acq: 20 Feb 2024 17:02

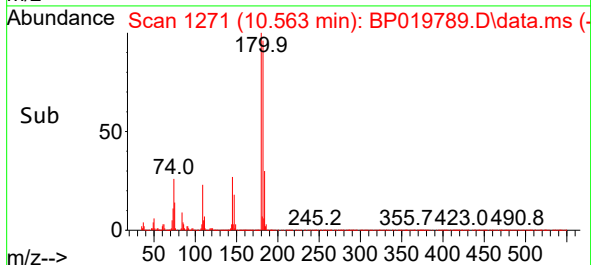
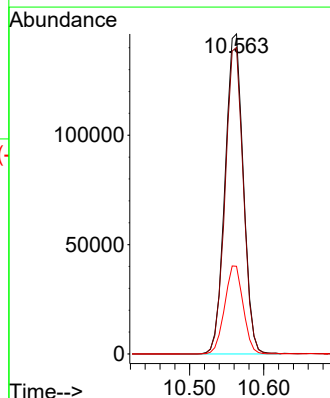
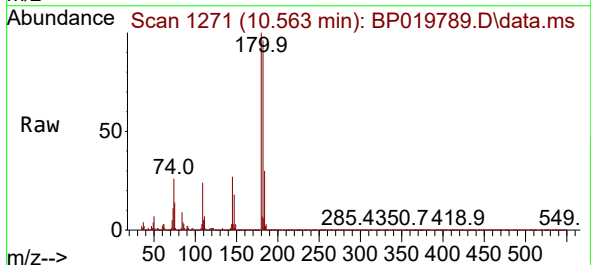
Tgt Ion:180 Resp: 249646

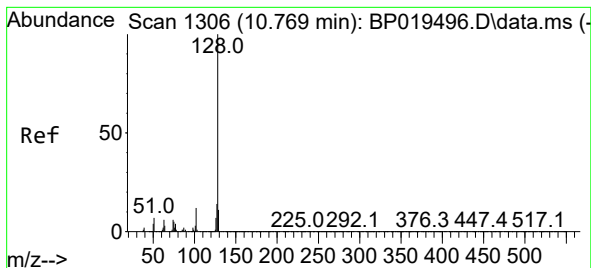
Ion Ratio Lower Upper

180 100

182 95.8 77.0 115.6

145 27.4 23.2 34.8

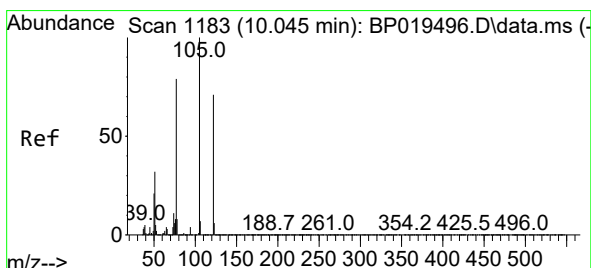
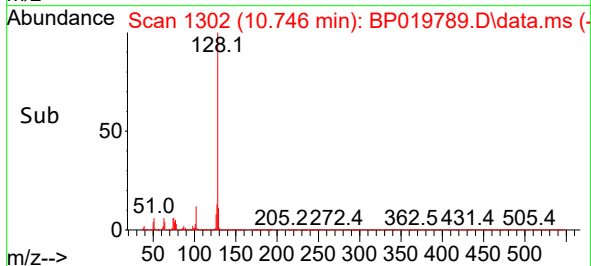
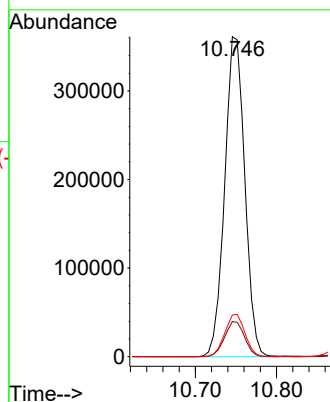
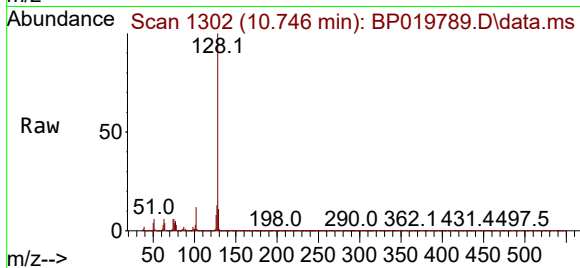




#31
Naphthalene
Concen: 42.006 ng
RT: 10.746 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BP019789.D
Acq: 20 Feb 2024 17:02

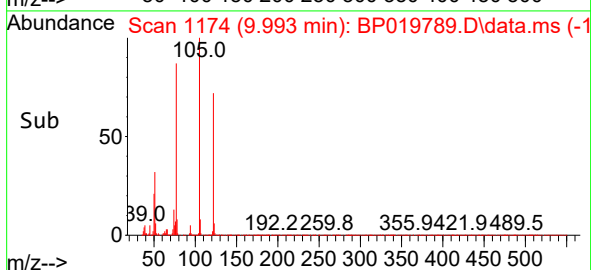
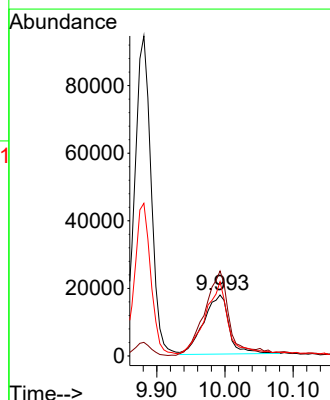
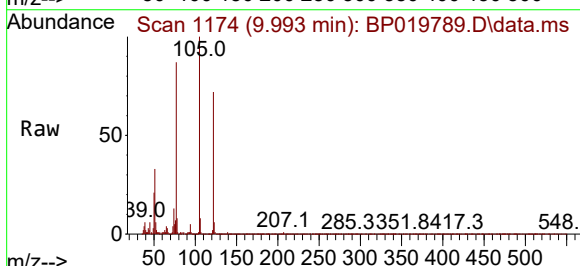
Instrument :
BNA_P
ClientSampleId :
ETGI-343MSD

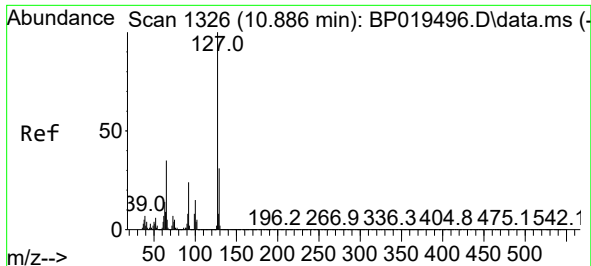
Tgt Ion:128 Resp: 621736
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.0 10.8 16.2



#32
Benzoic acid
Concen: 15.236 ng
RT: 9.993 min Scan# 1174
Delta R.T. -0.035 min
Lab File: BP019789.D
Acq: 20 Feb 2024 17:02

Tgt Ion:122 Resp: 45384
Ion Ratio Lower Upper
122 100
105 139.4 118.8 158.8
77 121.7 91.7 131.7

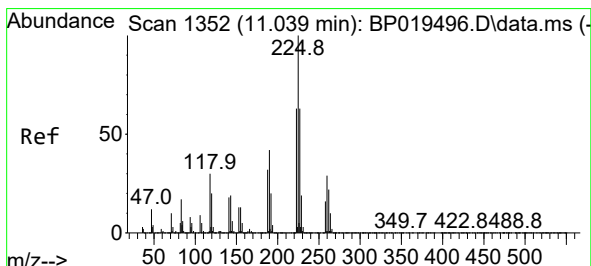
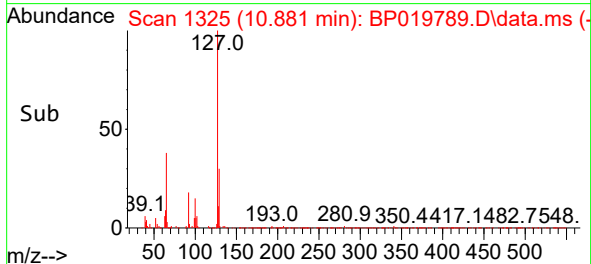
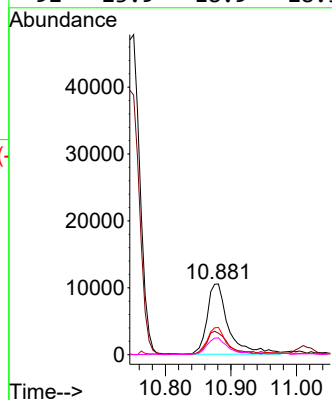
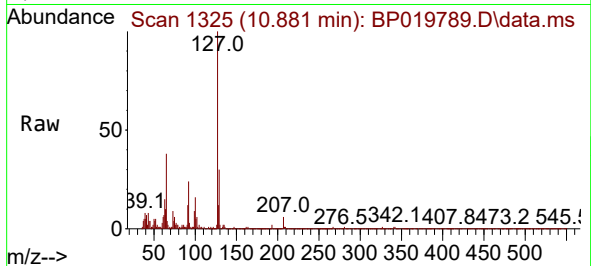




#33
4-Chloroaniline
Concen: 4.361 ng
RT: 10.881 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP019789.D
Acq: 20 Feb 2024 17:02

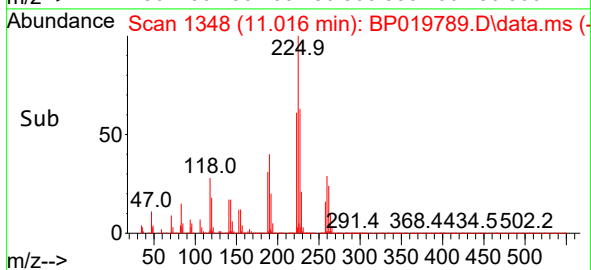
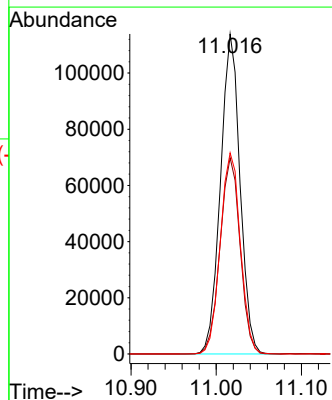
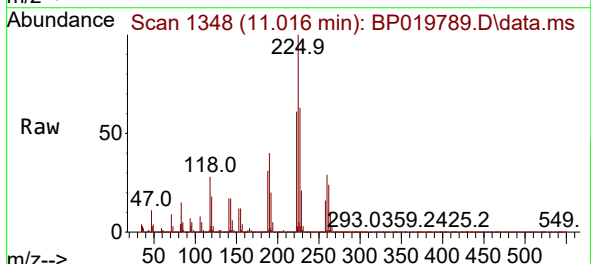
Instrument :
BNA_P
ClientSampleId :
ETGI-343MSD

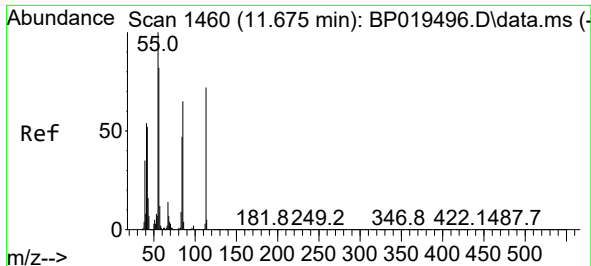
Tgt Ion:	127	Resp:	23871
Ion	Ratio	Lower	Upper
127	100		
129	30.4	24.6	36.8
65	38.5	28.2	42.4
92	23.9	18.9	28.3



#34
Hexachlorobutadiene
Concen: 43.170 ng
RT: 11.016 min Scan# 1348
Delta R.T. -0.006 min
Lab File: BP019789.D
Acq: 20 Feb 2024 17:02

Tgt Ion:	225	Resp:	181282
Ion	Ratio	Lower	Upper
225	100		
223	61.3	50.5	75.7
227	62.9	50.2	75.2

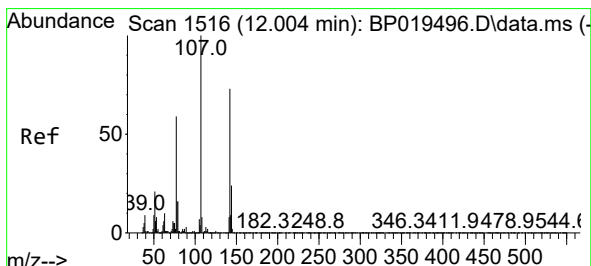
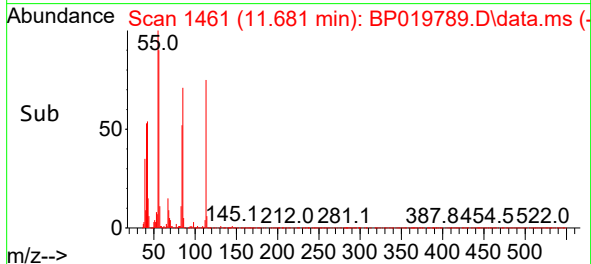
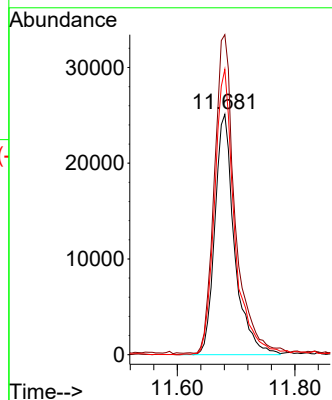
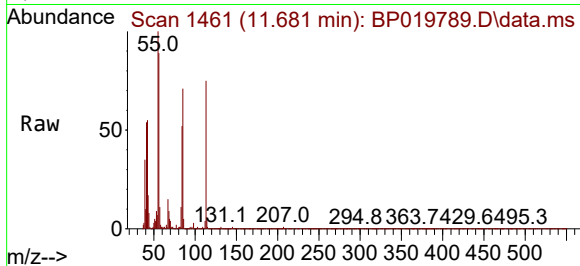




#35
Caprolactam
Concen: 44.478 ng
RT: 11.681 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BP019789.D
Acq: 20 Feb 2024 17:02

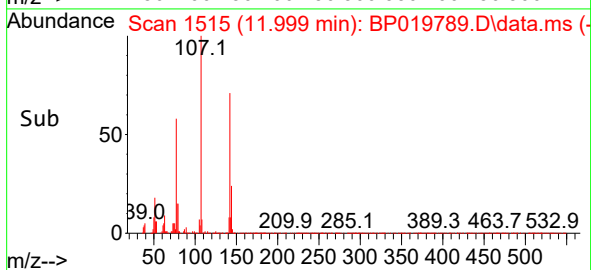
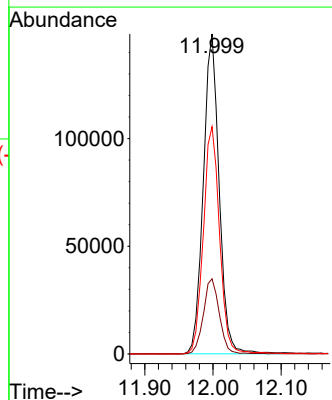
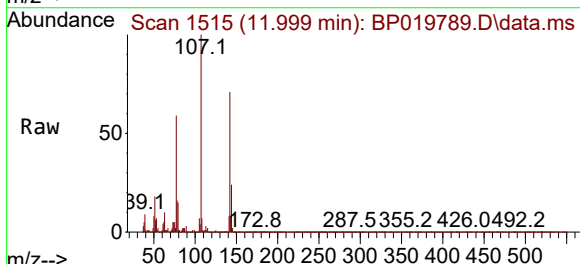
Instrument :
BNA_P
ClientSampleId :
ETGI-343MSD

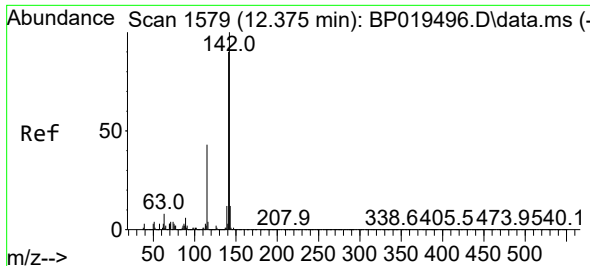
Tgt Ion:113 Resp: 58193
Ion Ratio Lower Upper
113 100
55 133.1 120.0 160.0
56 118.7 94.0 134.0



#36
4-Chloro-3-methylphenol
Concen: 47.660 ng
RT: 11.999 min Scan# 1515
Delta R.T. 0.000 min
Lab File: BP019789.D
Acq: 20 Feb 2024 17:02

Tgt Ion:107 Resp: 240178
Ion Ratio Lower Upper
107 100
144 23.5 19.0 28.4
142 71.0 58.6 88.0

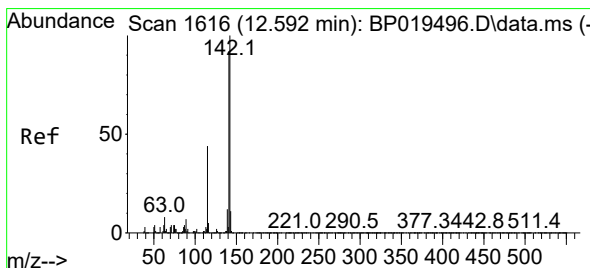
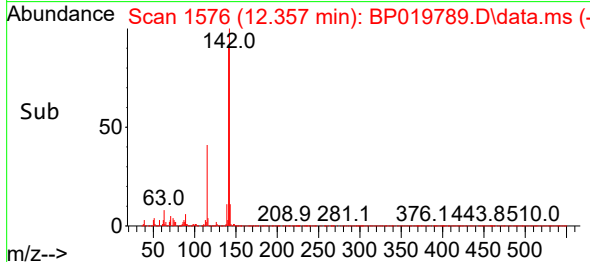
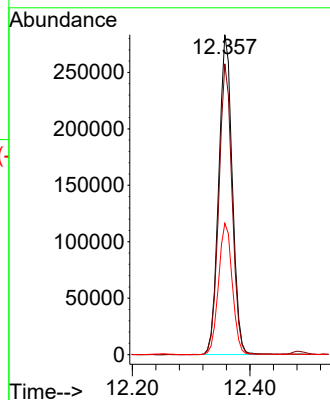
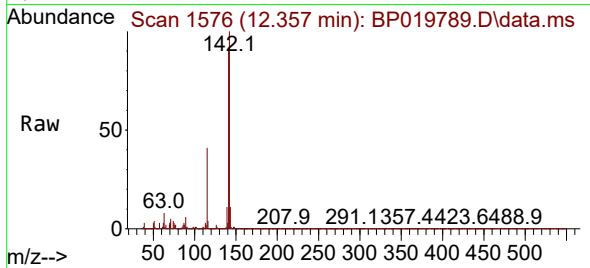




#37
2-Methylnaphthalene
Concen: 44.196 ng
RT: 12.357 min Scan# 1613
Delta R.T. -0.006 min
Lab File: BP019789.D
Acq: 20 Feb 2024 17:02

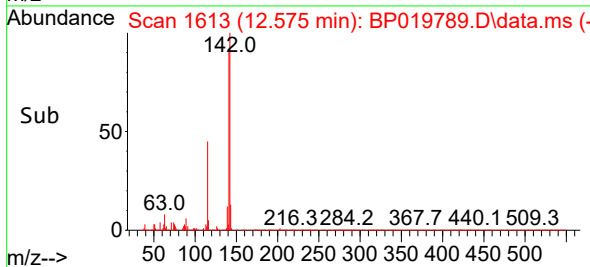
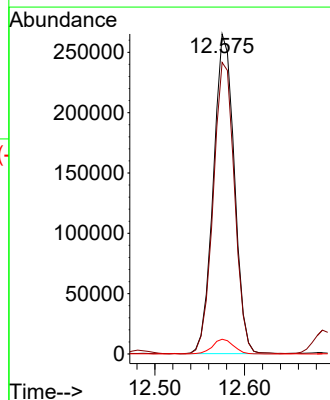
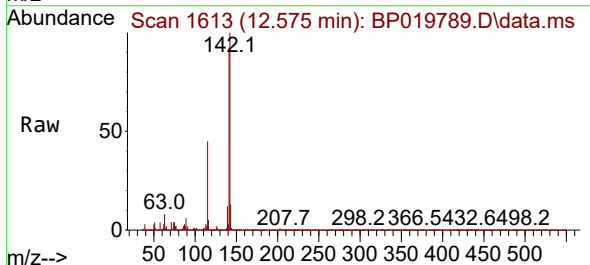
Instrument :
BNA_P
ClientSampleId :
ETGI-343MSD

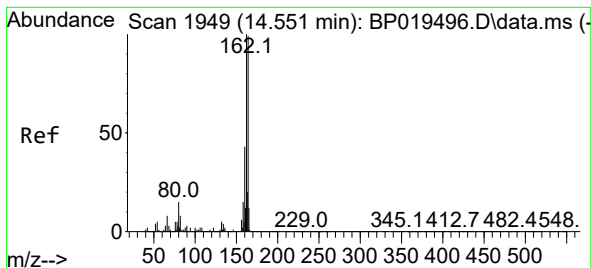
Tgt Ion:142 Resp: 452710
Ion Ratio Lower Upper
142 100
141 90.9 72.2 108.4
115 41.1 34.2 51.2



#38
1-Methylnaphthalene
Concen: 42.625 ng
RT: 12.575 min Scan# 1613
Delta R.T. -0.006 min
Lab File: BP019789.D
Acq: 20 Feb 2024 17:02

Tgt Ion:142 Resp: 429068
Ion Ratio Lower Upper
142 100
141 91.1 74.0 111.0
116 4.6 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.534 min Scan# 1946

Delta R.T. -0.006 min

Lab File: BP019789.D

Acq: 20 Feb 2024 17:02

Instrument :

BNA_P

ClientSampleId :

ETGI-343MSD

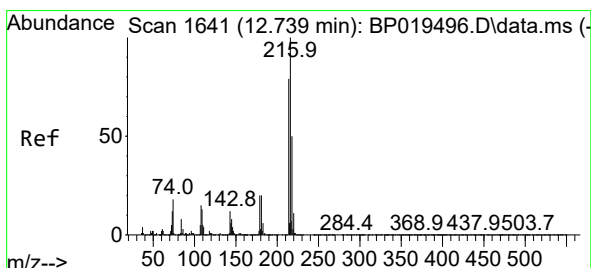
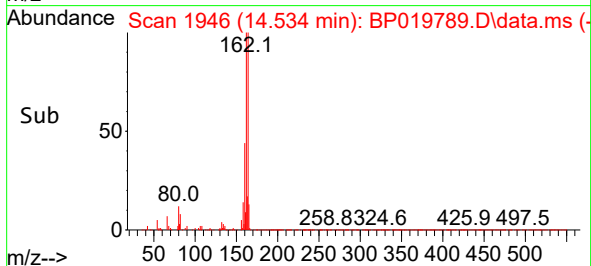
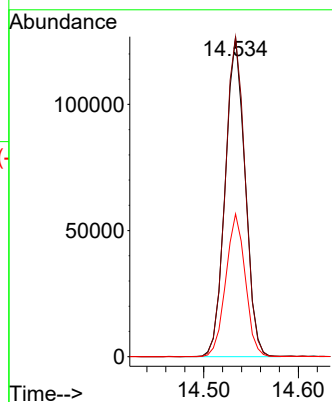
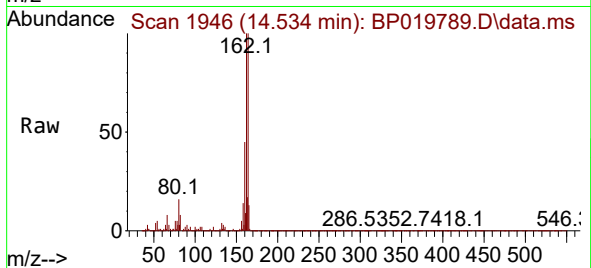
Tgt Ion:164 Resp: 184548

Ion Ratio Lower Upper

164 100

162 99.9 81.2 121.8

160 44.6 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.320 ng

RT: 12.722 min Scan# 1638

Delta R.T. -0.006 min

Lab File: BP019789.D

Acq: 20 Feb 2024 17:02

Tgt Ion:216 Resp: 322559

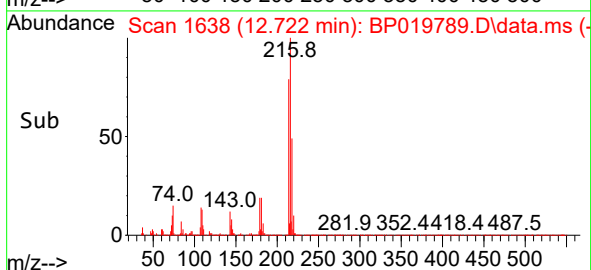
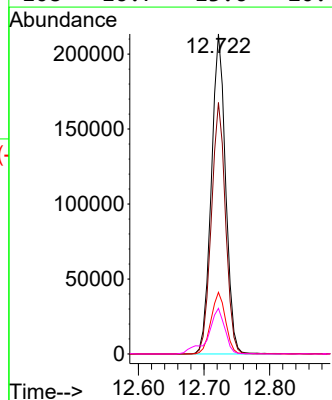
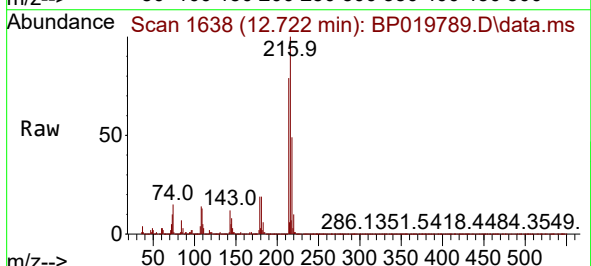
Ion Ratio Lower Upper

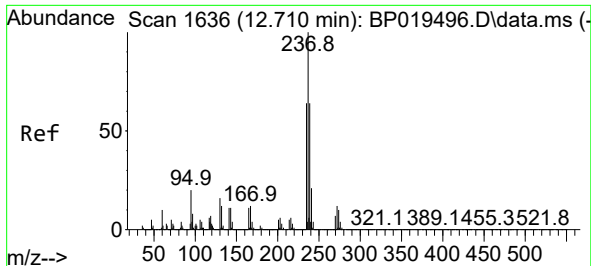
216 100

214 78.0 62.8 94.2

179 19.6 16.6 24.8

108 16.7 13.6 20.4

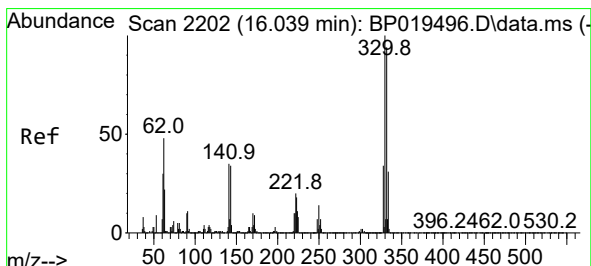
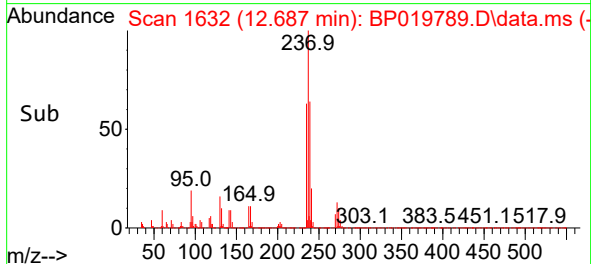
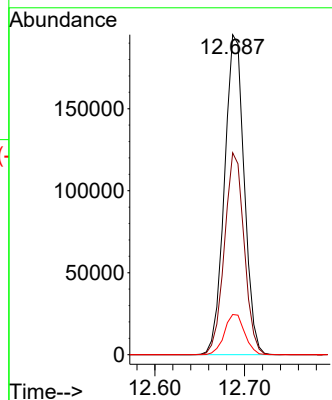
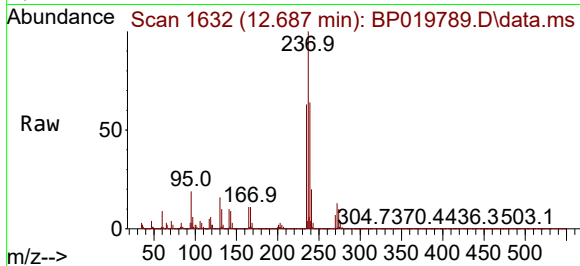




#41
Hexachlorocyclopentadiene
Concen: 92.661 ng
RT: 12.687 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP019789.D
Acq: 20 Feb 2024 17:02

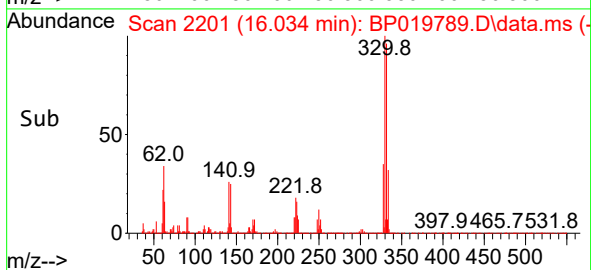
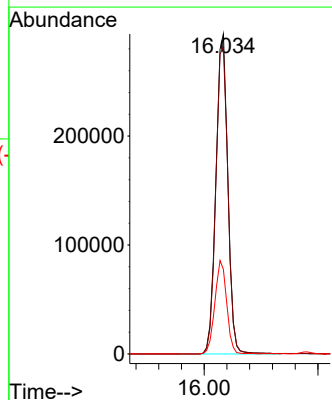
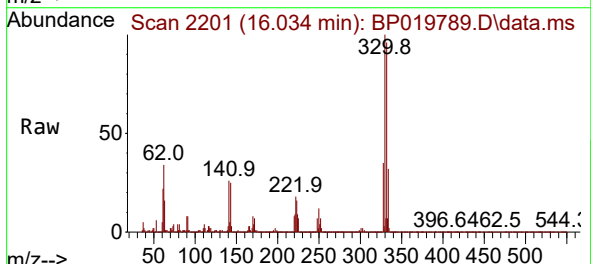
Instrument :
BNA_P
ClientSampleId :
ETGI-343MSD

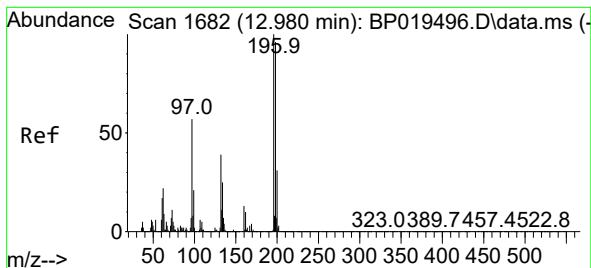
Tgt Ion:237 Resp: 297930
Ion Ratio Lower Upper
237 100
235 63.1 43.7 83.7
272 12.6 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 158.427 ng
RT: 16.034 min Scan# 2201
Delta R.T. 0.000 min
Lab File: BP019789.D
Acq: 20 Feb 2024 17:02

Tgt Ion:330 Resp: 426887
Ion Ratio Lower Upper
330 100
332 97.6 77.2 115.8
141 29.0 27.0 40.4





#43

2,4,6-Trichlorophenol

Concen: 48.148 ng

RT: 12.969 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP019789.D

Acq: 20 Feb 2024 17:02

Instrument :

BNA_P

ClientSampleId :

ETGI-343MSD

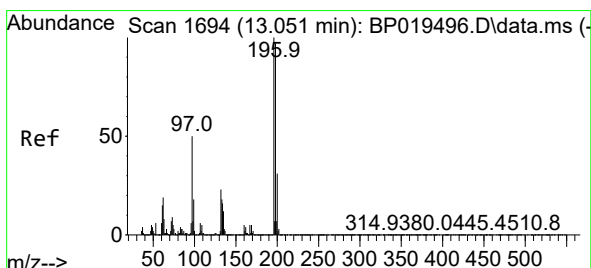
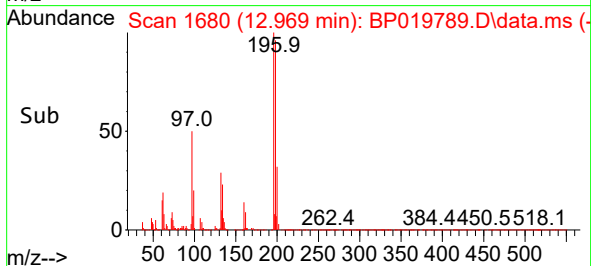
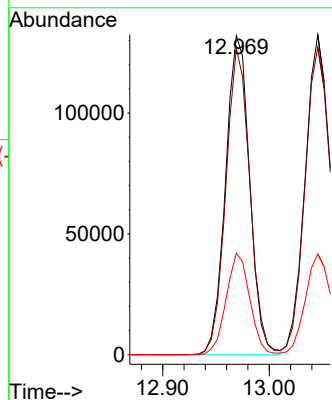
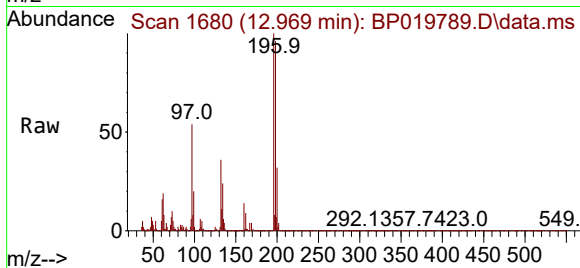
Tgt Ion:196 Resp: 207505

Ion Ratio Lower Upper

196 100

198 96.1 76.7 115.1

200 31.8 24.6 36.8



#44

2,4,5-Trichlorophenol

Concen: 47.304 ng

RT: 13.046 min Scan# 1693

Delta R.T. 0.000 min

Lab File: BP019789.D

Acq: 20 Feb 2024 17:02

Tgt Ion:196 Resp: 223861

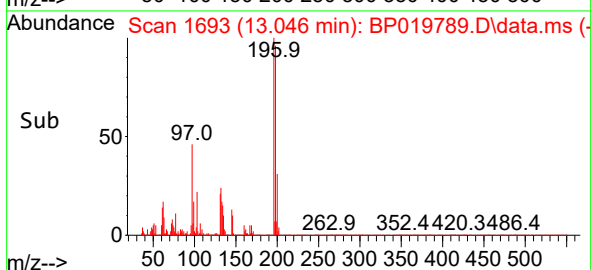
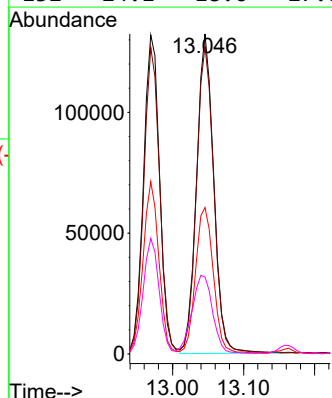
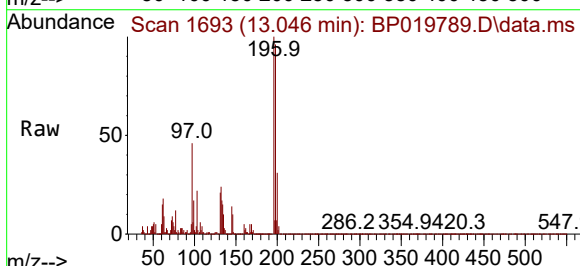
Ion Ratio Lower Upper

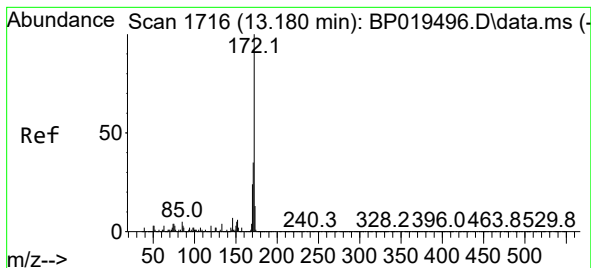
196 100

198 96.1 77.5 116.3

97 45.8 39.9 59.9

132 24.1 18.6 27.8





#45

2-Fluorobiphenyl

Concen: 80.600 ng

RT: 13.163 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP019789.D

Acq: 20 Feb 2024 17:02

Instrument :

BNA_P

ClientSampleId :

ETGI-343MSD

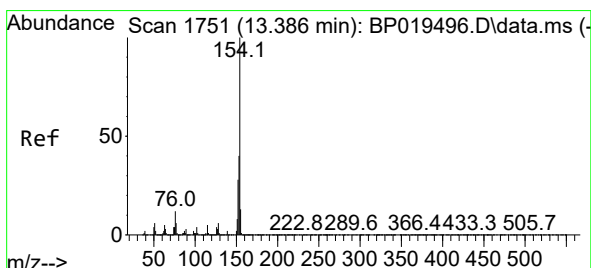
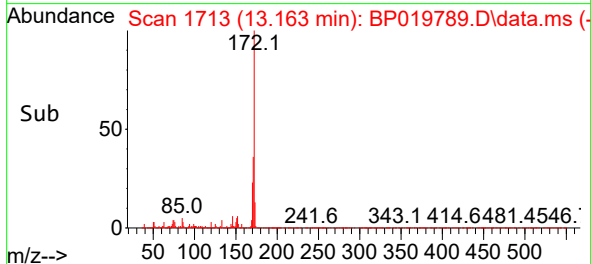
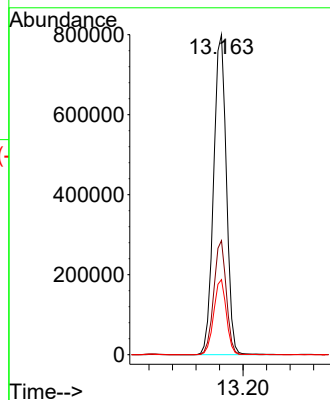
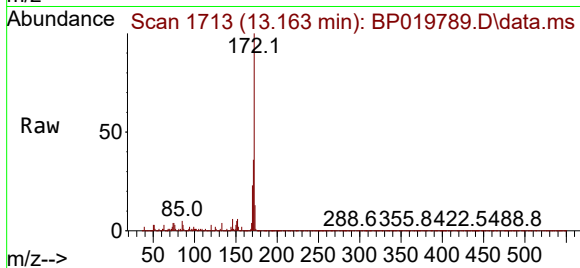
Tgt Ion:172 Resp: 1203224

Ion Ratio Lower Upper

172 100

171 35.6 28.2 42.4

170 23.4 18.9 28.3



#46

1,1'-Biphenyl

Concen: 42.202 ng

RT: 13.369 min Scan# 1748

Delta R.T. -0.006 min

Lab File: BP019789.D

Acq: 20 Feb 2024 17:02

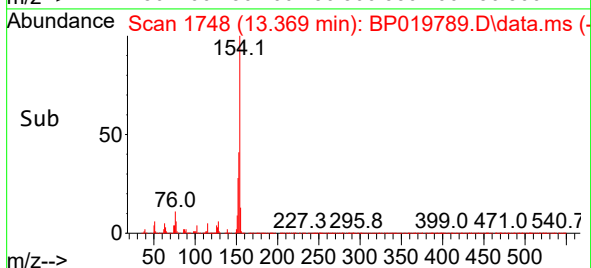
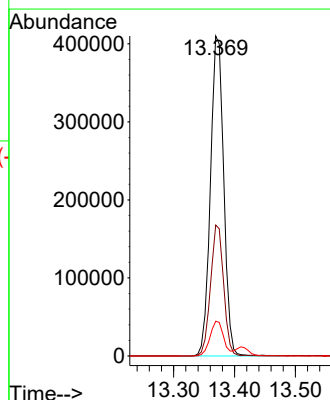
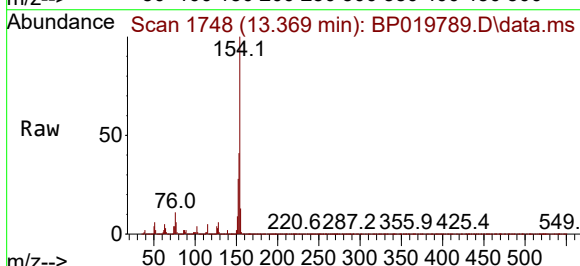
Tgt Ion:154 Resp: 621608

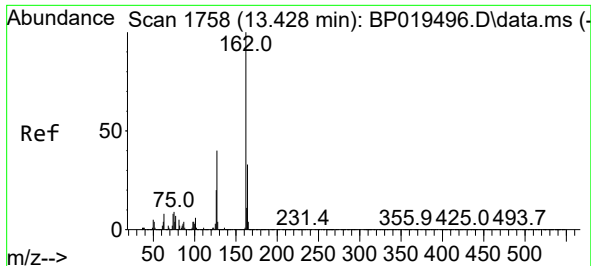
Ion Ratio Lower Upper

154 100

153 40.9 20.2 60.2

76 10.9 0.0 31.6

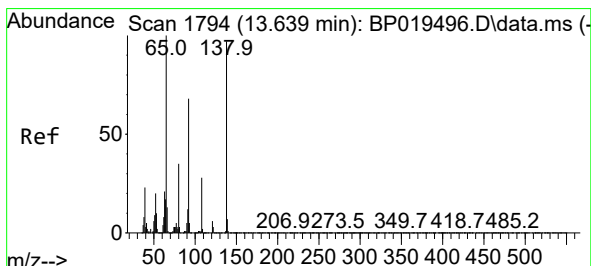
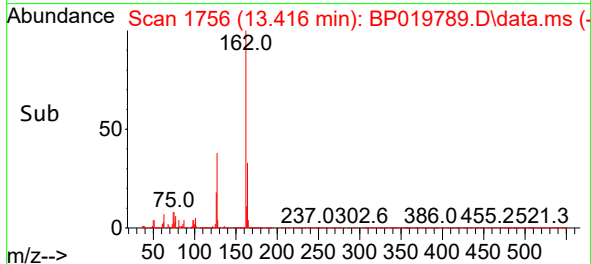
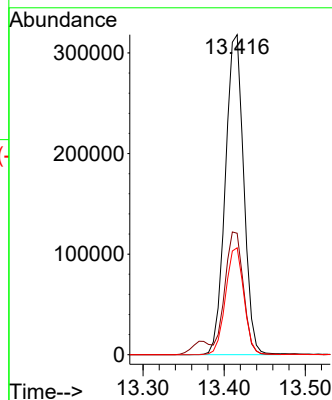
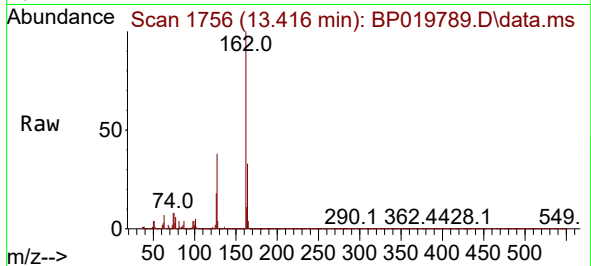




#47
2-Chloronaphthalene
Concen: 41.467 ng
RT: 13.416 min Scan# 1756
Delta R.T. 0.000 min
Lab File: BP019789.D
Acq: 20 Feb 2024 17:02

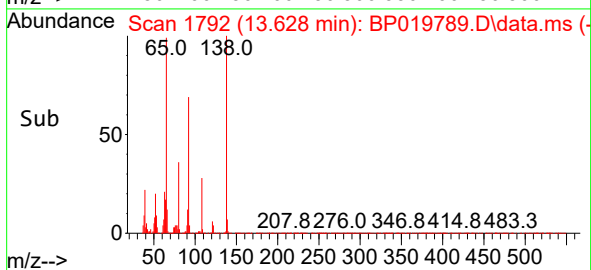
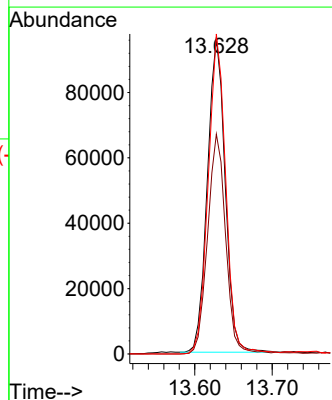
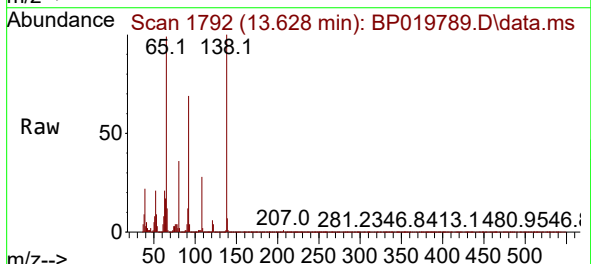
Instrument :
BNA_P
ClientSampleId :
ETGI-343MSD

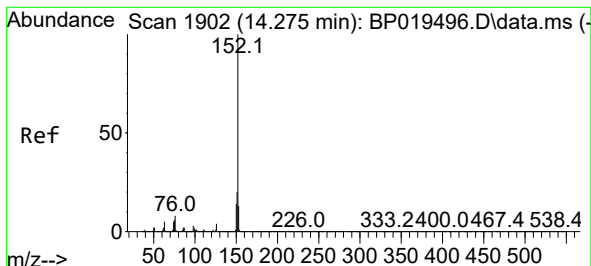
Tgt Ion:162 Resp: 501386
Ion Ratio Lower Upper
162 100
127 37.9 32.1 48.1
164 33.4 26.7 40.1



#48
2-Nitroaniline
Concen: 45.215 ng
RT: 13.628 min Scan# 1792
Delta R.T. 0.000 min
Lab File: BP019789.D
Acq: 20 Feb 2024 17:02

Tgt Ion: 65 Resp: 152870
Ion Ratio Lower Upper
65 100
92 69.5 54.7 82.1
138 101.1 77.8 116.6





#49

Acenaphthylene

Concen: 47.239 ng

RT: 14.257 min Scan# 1899

Delta R.T. -0.006 min

Lab File: BP019789.D

Acq: 20 Feb 2024 17:02

Instrument :

BNA_P

ClientSampleId :

ETGI-343MSD

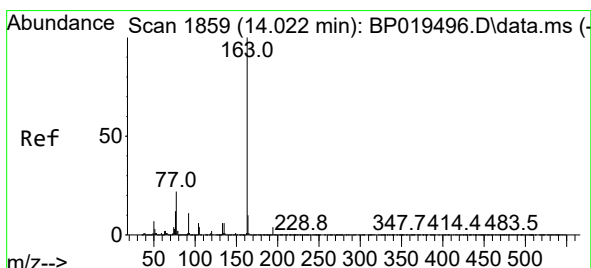
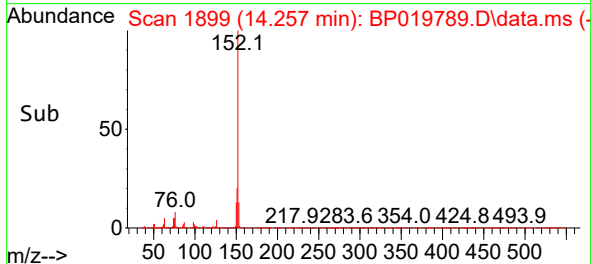
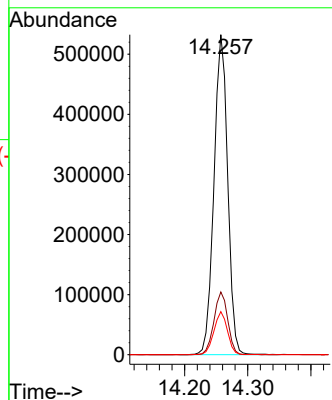
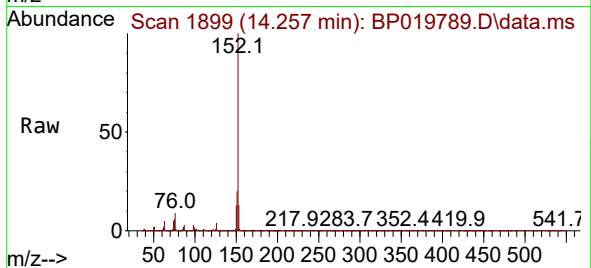
Tgt Ion:152 Resp: 801340

Ion Ratio Lower Upper

152 100

151 19.6 15.8 23.6

153 13.4 10.6 15.8



#50

Dimethylphthalate

Concen: 46.961 ng

RT: 14.004 min Scan# 1856

Delta R.T. -0.006 min

Lab File: BP019789.D

Acq: 20 Feb 2024 17:02

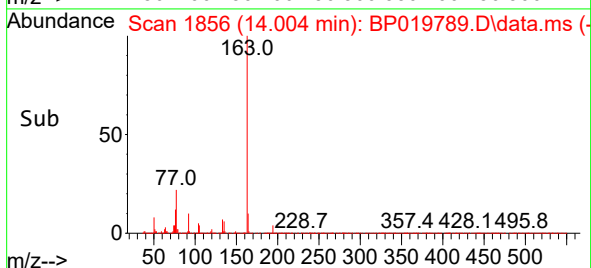
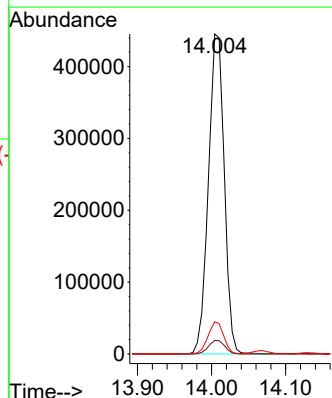
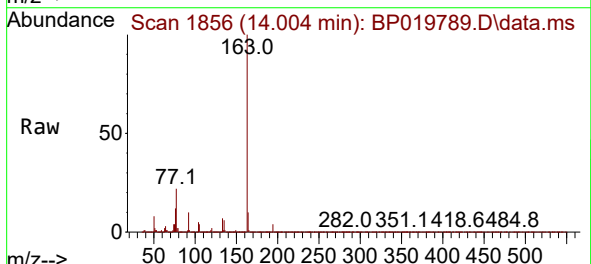
Tgt Ion:163 Resp: 663457

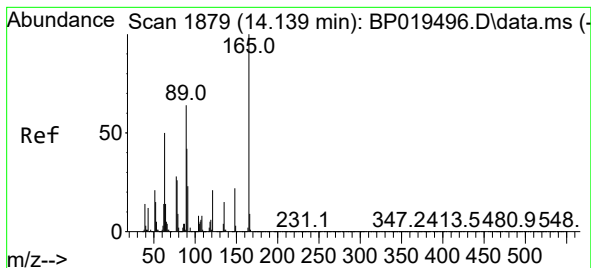
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

164 10.1 7.8 11.6

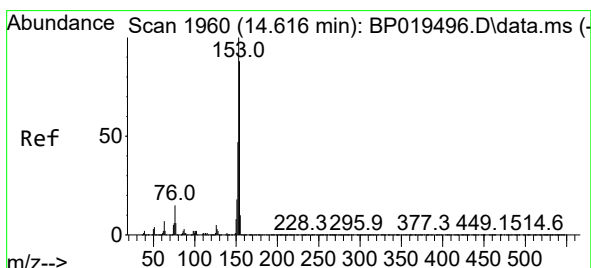
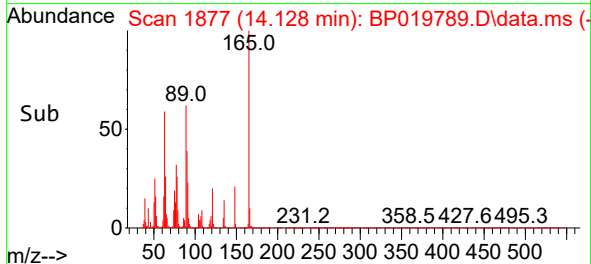
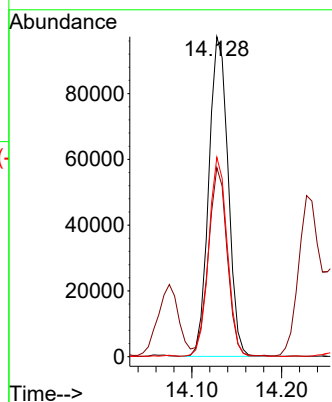
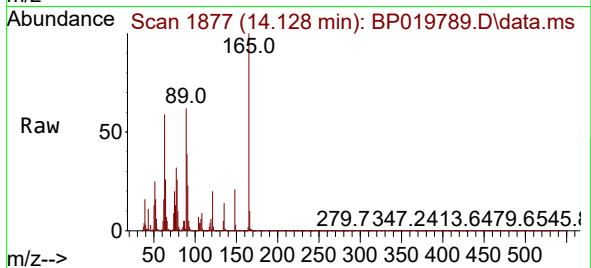




#51
2,6-Dinitrotoluene
Concen: 46.684 ng
RT: 14.128 min Scan# 1879
Delta R.T. -0.006 min
Lab File: BP019789.D
Acq: 20 Feb 2024 17:02

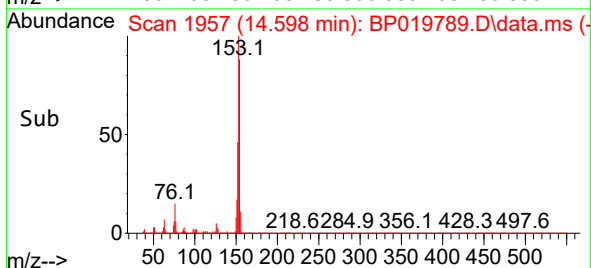
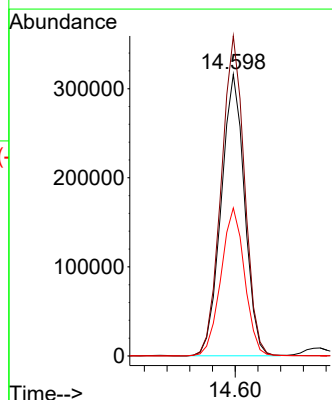
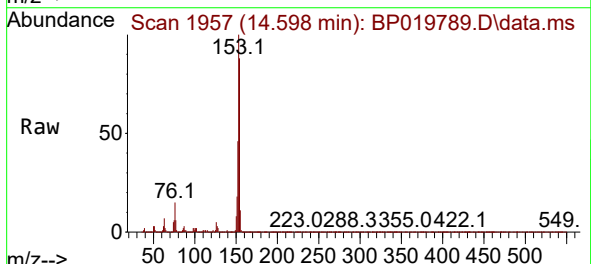
Instrument :
BNA_P
ClientSampleId :
ETGI-343MSD

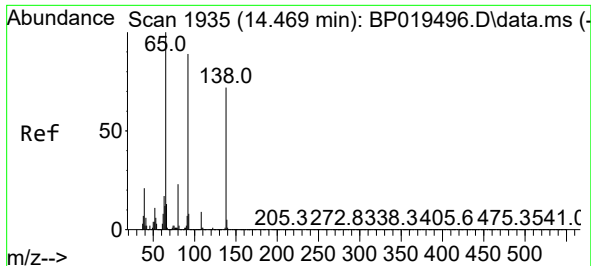
Tgt Ion:165 Resp: 144906
Ion Ratio Lower Upper
165 100
63 59.1 50.4 75.6
89 62.3 51.7 77.5



#52
Acenaphthene
Concen: 42.978 ng
RT: 14.598 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BP019789.D
Acq: 20 Feb 2024 17:02

Tgt Ion:154 Resp: 452483
Ion Ratio Lower Upper
154 100
153 113.6 90.5 135.7
152 52.6 42.1 63.1

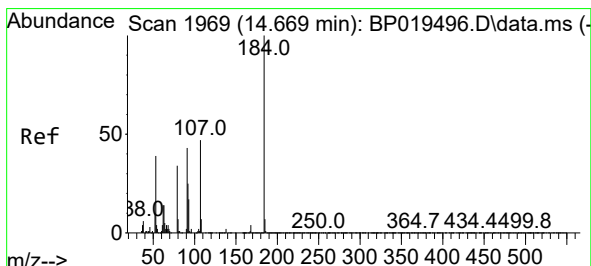
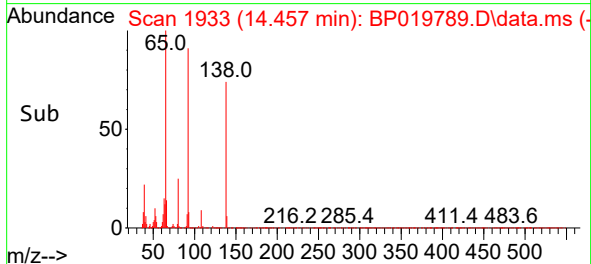
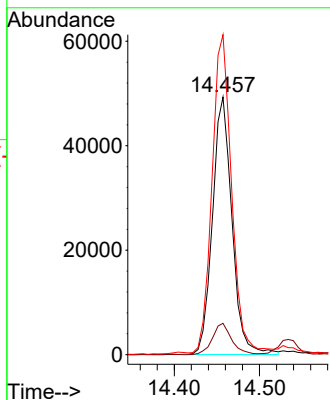
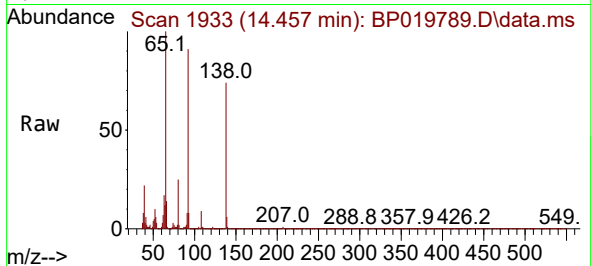




#53
3-Nitroaniline
Concen: 27.577 ng
RT: 14.457 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BP019789.D
Acq: 20 Feb 2024 17:02

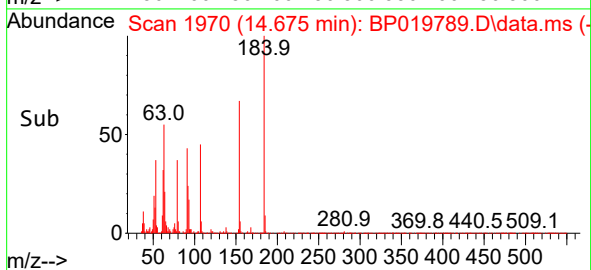
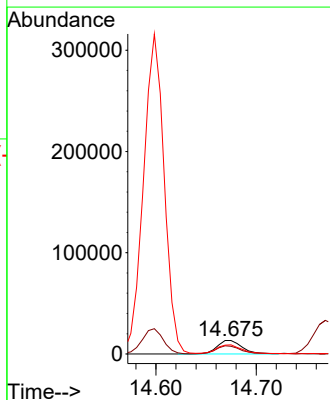
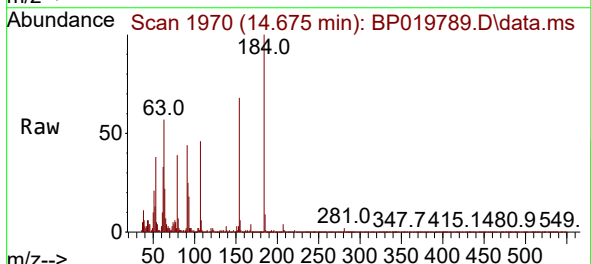
Instrument :
BNA_P
ClientSampleId :
ETGI-343MSD

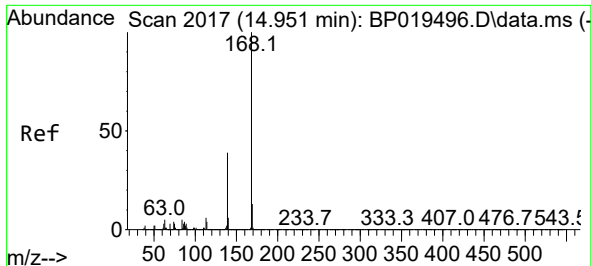
Tgt Ion:138 Resp: 78665
Ion Ratio Lower Upper
138 100
108 12.2 9.7 14.5
92 124.2 98.0 147.0



#54
2,4-Dinitrophenol
Concen: 14.201 ng
RT: 14.675 min Scan# 1970
Delta R.T. 0.000 min
Lab File: BP019789.D
Acq: 20 Feb 2024 17:02

Tgt Ion:184 Resp: 22886
Ion Ratio Lower Upper
184 100
63 57.1 50.5 75.7
154 67.5 53.4 80.0

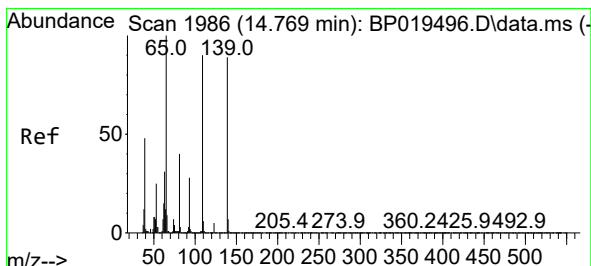
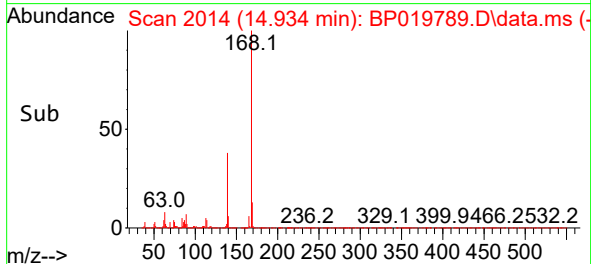
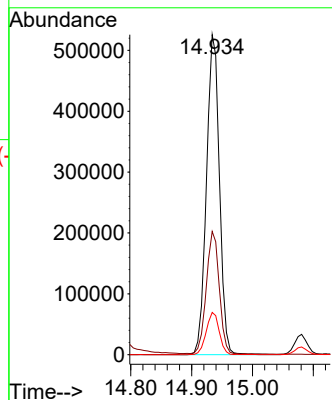
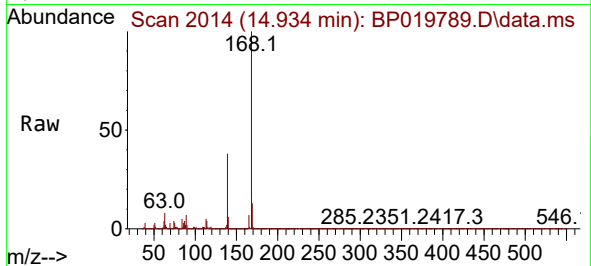




#55
Dibenzenofuran
Concen: 45.434 ng
RT: 14.934 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BP019789.D
Acq: 20 Feb 2024 17:02

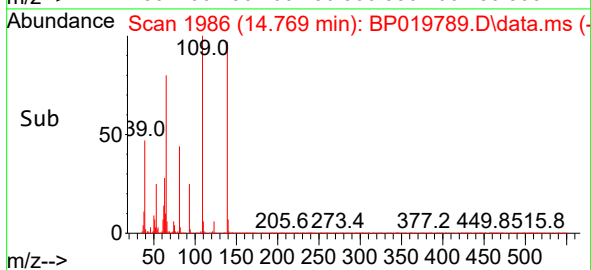
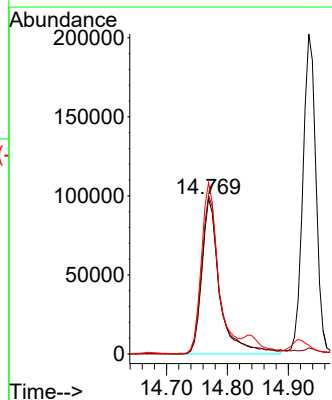
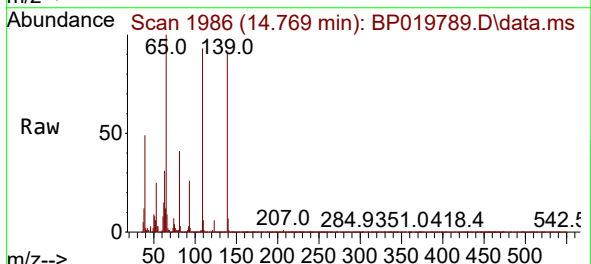
Instrument :
BNA_P
ClientSampleId :
ETGI-343MSD

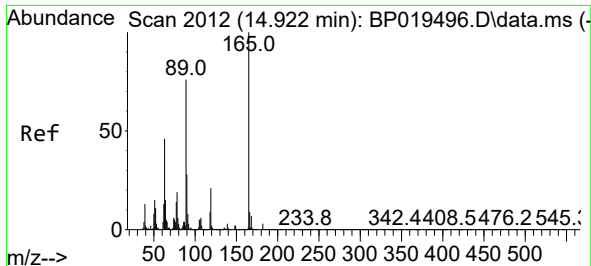
Tgt Ion:168 Resp: 779092
Ion Ratio Lower Upper
168 100
139 38.5 31.5 47.3
169 13.2 10.3 15.5



#56
4-Nitrophenol
Concen: 85.002 ng
RT: 14.769 min Scan# 1986
Delta R.T. 0.000 min
Lab File: BP019789.D
Acq: 20 Feb 2024 17:02

Tgt Ion:139 Resp: 198738
Ion Ratio Lower Upper
139 100
109 102.1 82.0 122.0
65 110.2 92.9 132.9

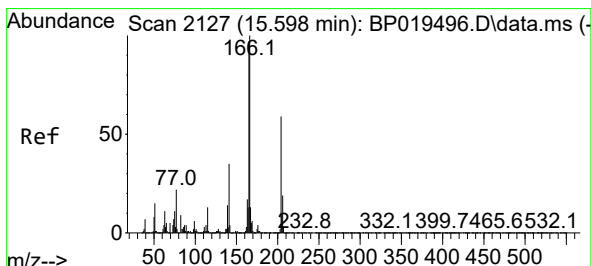
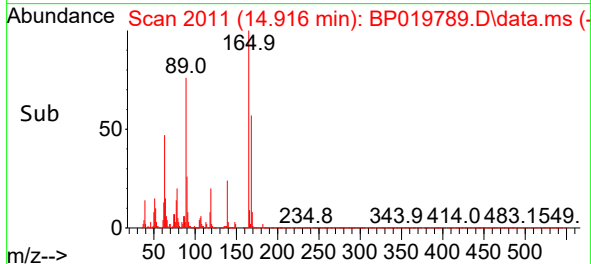
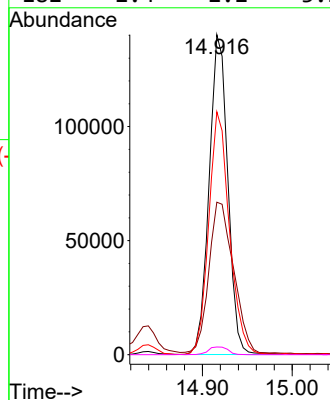
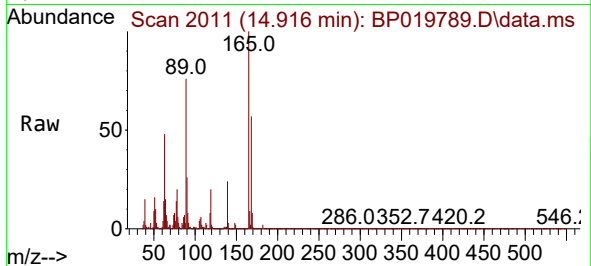




#57
2,4-Dinitrotoluene
Concen: 49.782 ng
RT: 14.916 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BP019789.D
Acq: 20 Feb 2024 17:02

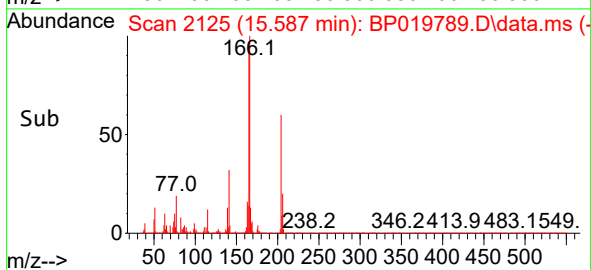
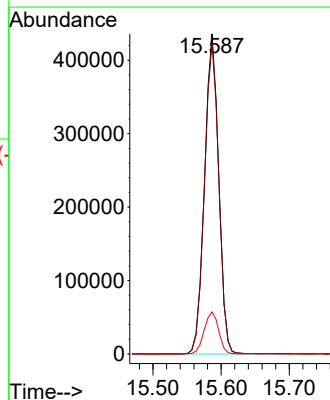
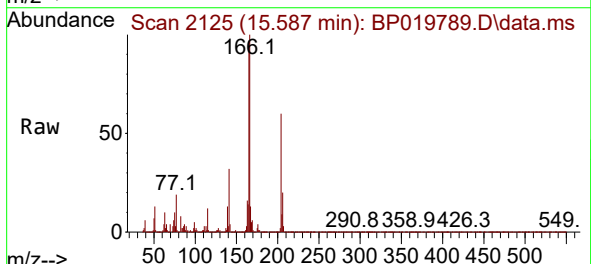
Instrument :
BNA_P
ClientSampleId :
ETGI-343MSD

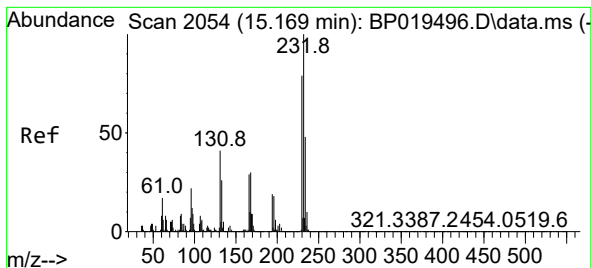
Tgt Ion:165 Resp: 202492
Ion Ratio Lower Upper
165 100
63 47.7 36.9 55.3
89 75.9 61.1 91.7
182 2.4 2.2 3.2



#58
Fluorene
Concen: 45.995 ng
RT: 15.587 min Scan# 2125
Delta R.T. -0.006 min
Lab File: BP019789.D
Acq: 20 Feb 2024 17:02

Tgt Ion:166 Resp: 628182
Ion Ratio Lower Upper
166 100
165 97.1 77.8 116.8
167 13.1 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 55.993 ng

RT: 15.163 min Scan# 2054

Delta R.T. 0.000 min

Lab File: BP019789.D

Acq: 20 Feb 2024 17:02

Instrument :

BNA_P

ClientSampleId :

ETGI-343MSD

Tgt Ion:232 Resp: 222884

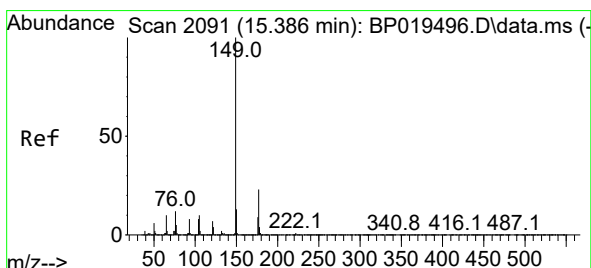
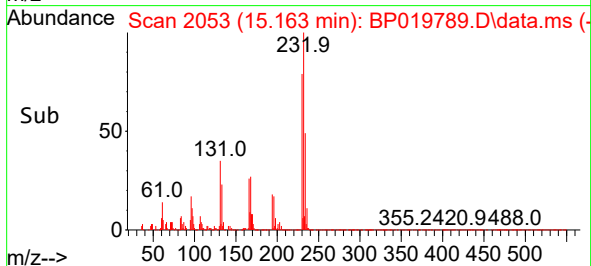
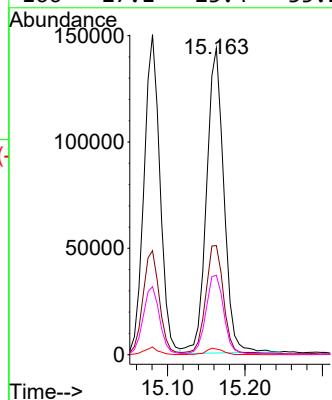
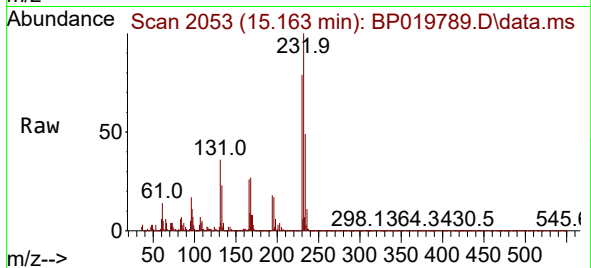
Ion Ratio Lower Upper

232 100

131 37.2 32.4 48.6

130 2.1 1.9 2.9

166 27.1 23.4 35.2



#60

Diethylphthalate

Concen: 46.439 ng

RT: 15.369 min Scan# 2088

Delta R.T. -0.006 min

Lab File: BP019789.D

Acq: 20 Feb 2024 17:02

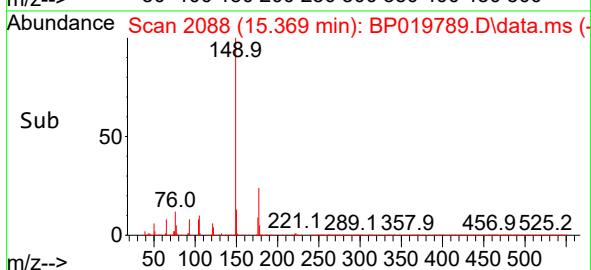
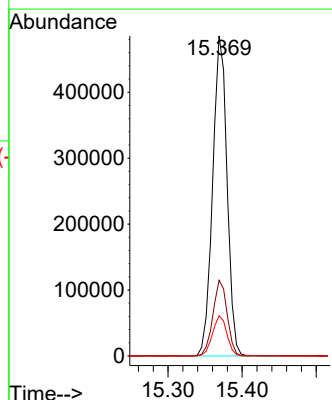
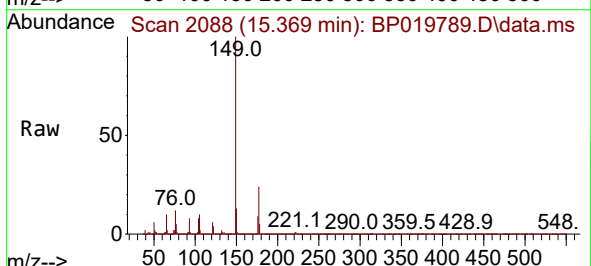
Tgt Ion:149 Resp: 652575

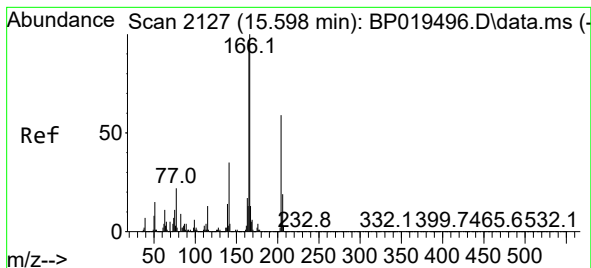
Ion Ratio Lower Upper

149 100

177 23.7 18.2 27.2

150 12.5 10.2 15.4

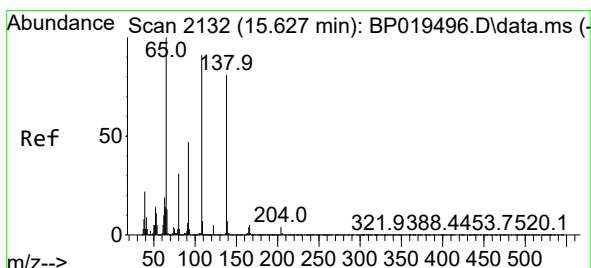
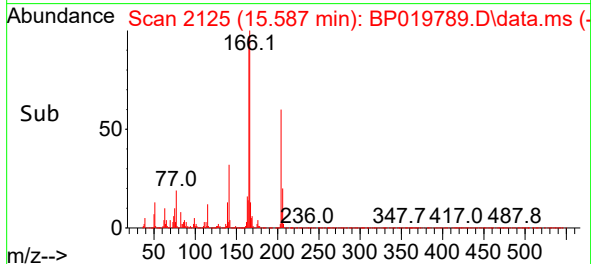
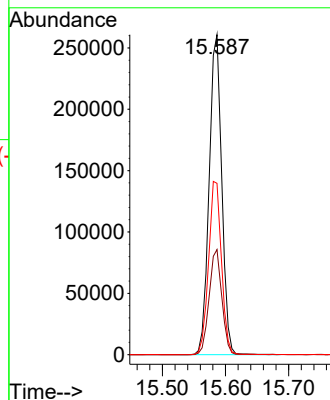
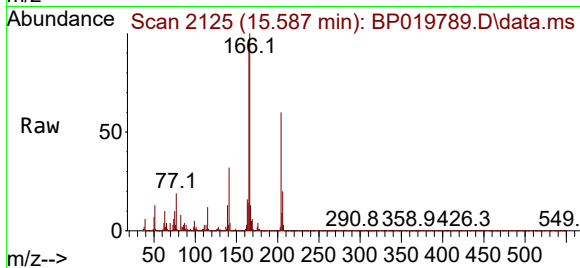




#61
4-Chlorophenyl-phenylether
Concen: 46.939 ng
RT: 15.587 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BP019789.D
Acq: 20 Feb 2024 17:02

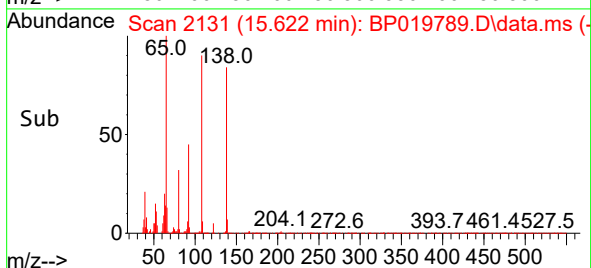
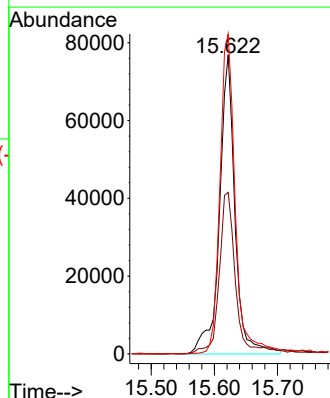
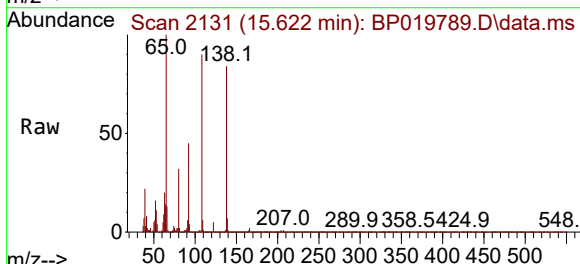
Instrument :
BNA_P
ClientSampleId :
ETGI-343MSD

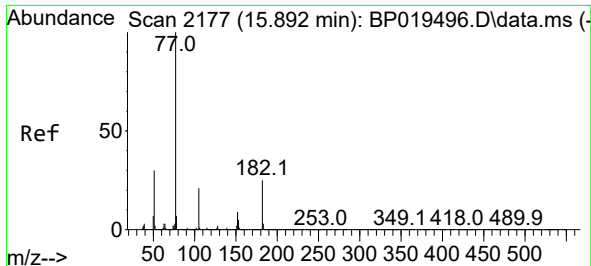
Tgt Ion:204 Resp: 360321
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 53.5 48.5 72.7



#62
4-Nitroaniline
Concen: 43.842 ng
RT: 15.622 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BP019789.D
Acq: 20 Feb 2024 17:02

Tgt Ion:138 Resp: 131088
Ion Ratio Lower Upper
138 100
92 54.0 38.3 78.3
108 106.9 91.2 131.2

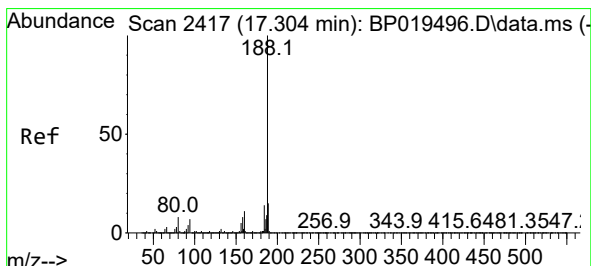
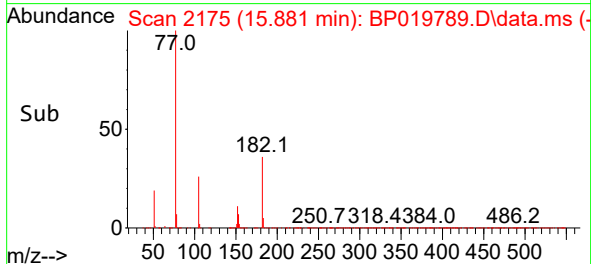
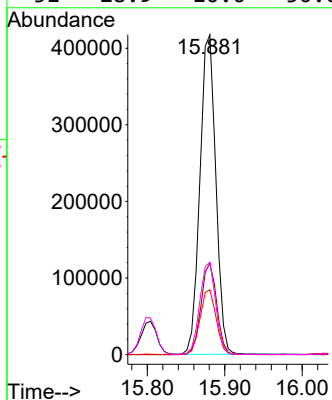
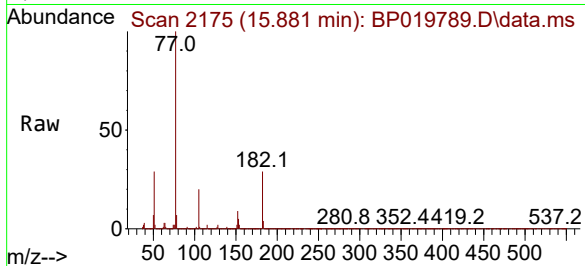




#63
Azobenzene
Concen: 43.689 ng
RT: 15.881 min Scan# 2175
Delta R.T. 0.000 min
Lab File: BP019789.D
Acq: 20 Feb 2024 17:02

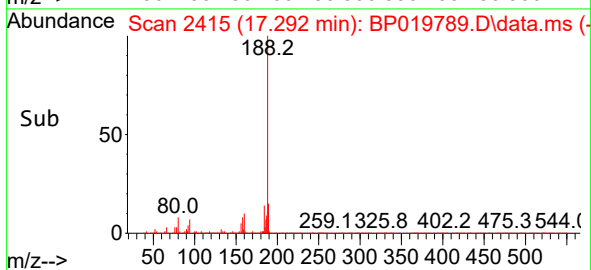
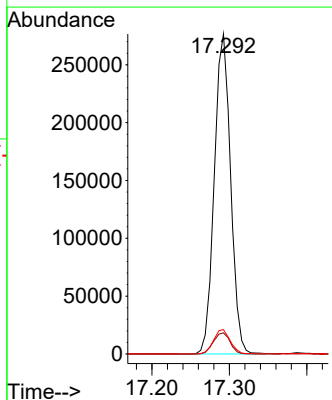
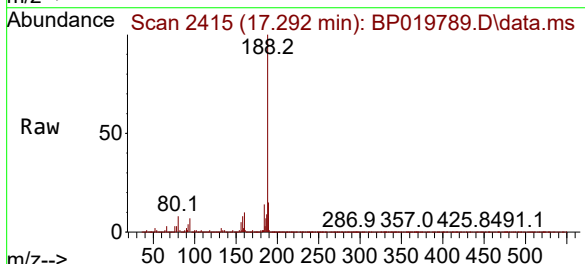
Instrument :
BNA_P
ClientSampleId :
ETGI-343MSD

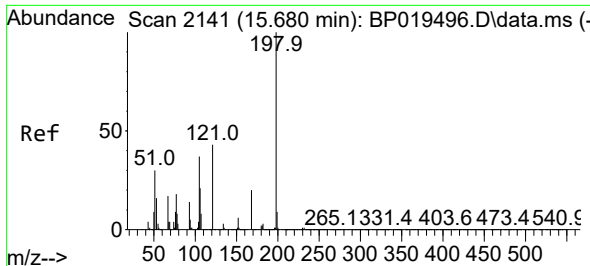
Tgt Ion: 77	Resp: 593679
Ion Ratio	Lower Upper
77 100	
182 28.6	5.1 45.1
105 20.3	0.8 40.8
51 28.9	10.0 50.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.292 min Scan# 2415
Delta R.T. 0.000 min
Lab File: BP019789.D
Acq: 20 Feb 2024 17:02

Tgt Ion: 188	Resp: 404146
Ion Ratio	Lower Upper
188 100	
94 6.6	5.4 8.2
80 7.6	6.3 9.5

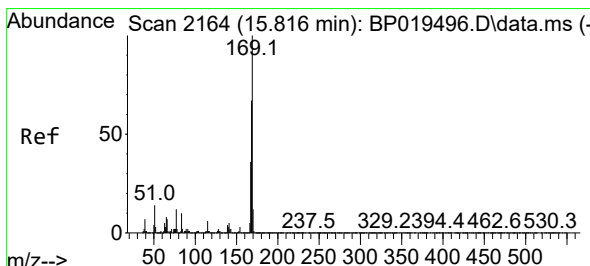
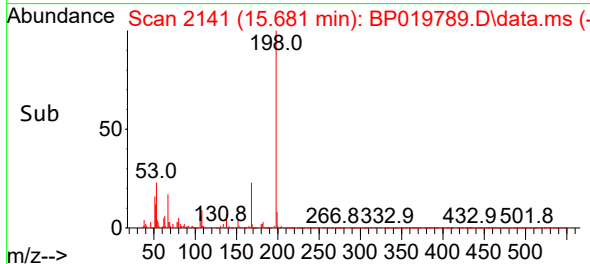
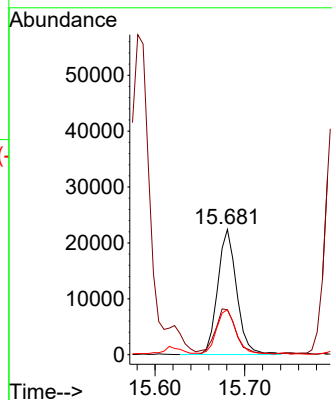
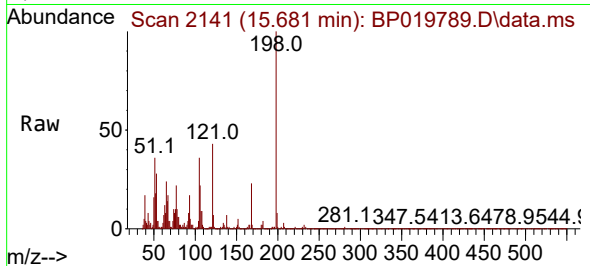




#65
4,6-Dinitro-2-methylphenol
Concen: 14.246 ng
RT: 15.681 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BP019789.D
Acq: 20 Feb 2024 17:02

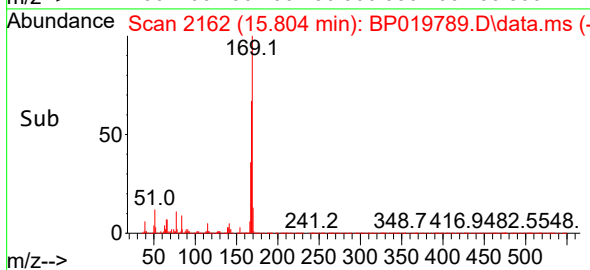
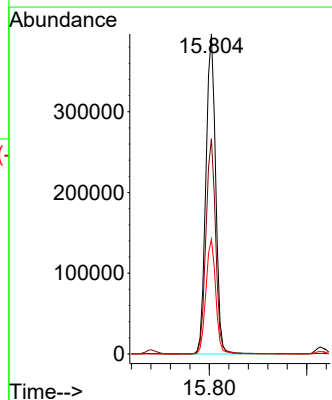
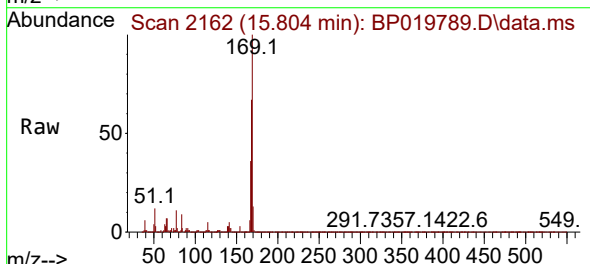
Instrument :
BNA_P
ClientSampleId :
ETGI-343MSD

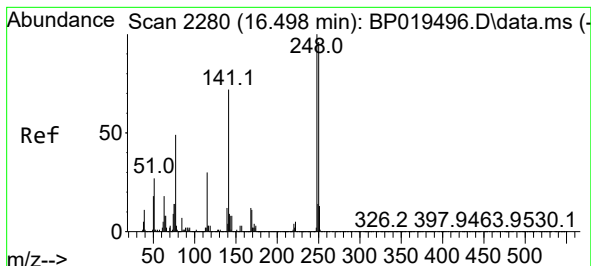
Tgt Ion:198 Resp: 32829
Ion Ratio Lower Upper
198 100
51 35.9 21.2 61.2
105 35.8 19.1 59.1



#66
n-Nitrosodiphenylamine
Concen: 45.291 ng
RT: 15.804 min Scan# 2162
Delta R.T. 0.000 min
Lab File: BP019789.D
Acq: 20 Feb 2024 17:02

Tgt Ion:169 Resp: 548196
Ion Ratio Lower Upper
169 100
168 67.3 53.4 80.2
167 35.9 28.9 43.3





#67

4-Bromophenyl-phenylether

Concen: 48.098 ng

RT: 16.481 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019789.D

Acq: 20 Feb 2024 17:02

Instrument :

BNA_P

ClientSampleId :

ETGI-343MSD

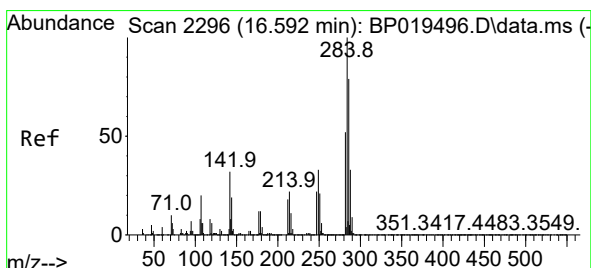
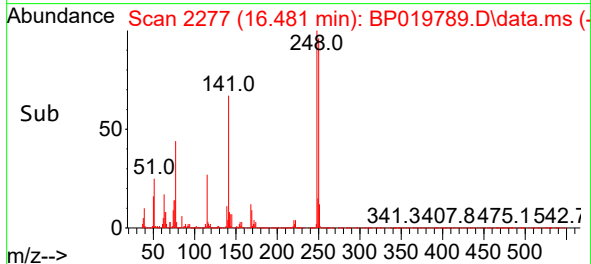
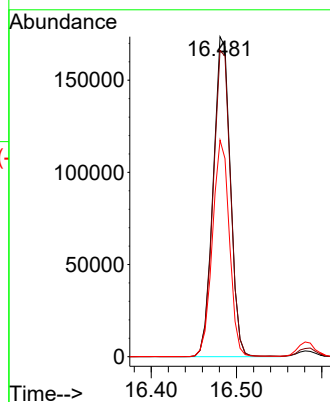
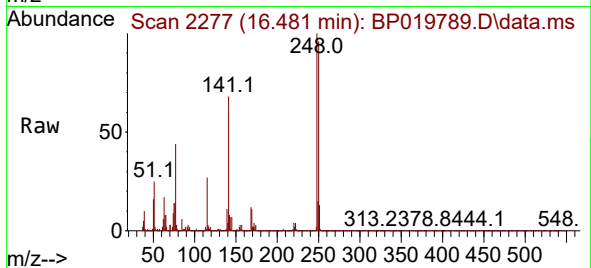
Tgt Ion:248 Resp: 243007

Ion Ratio Lower Upper

248 100

250 95.7 76.9 115.3

141 67.7 58.0 87.0



#68

Hexachlorobenzene

Concen: 47.909 ng

RT: 16.587 min Scan# 2295

Delta R.T. 0.000 min

Lab File: BP019789.D

Acq: 20 Feb 2024 17:02

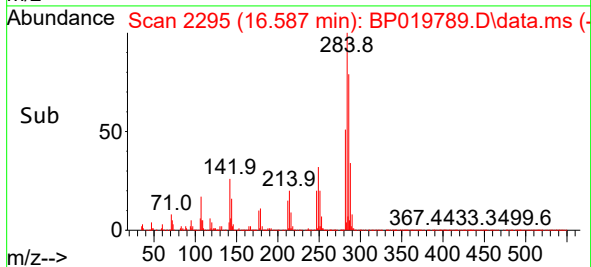
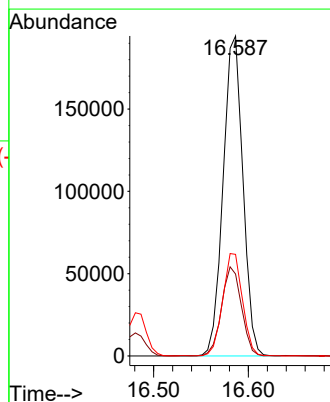
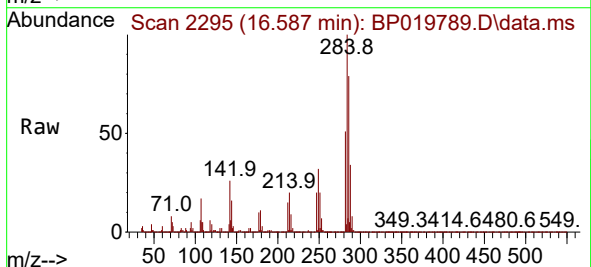
Tgt Ion:284 Resp: 282662

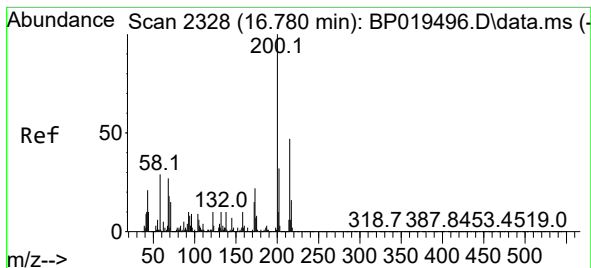
Ion Ratio Lower Upper

284 100

142 25.6 25.4 38.2

249 31.7 26.5 39.7





#69

Atrazine

Concen: 56.204 ng

RT: 16.769 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP019789.D

Acq: 20 Feb 2024 17:02

Instrument :

BNA_P

ClientSampleId :

ETGI-343MSD

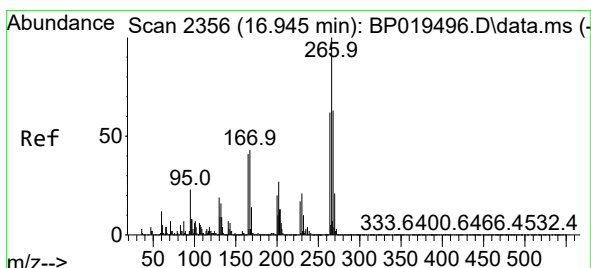
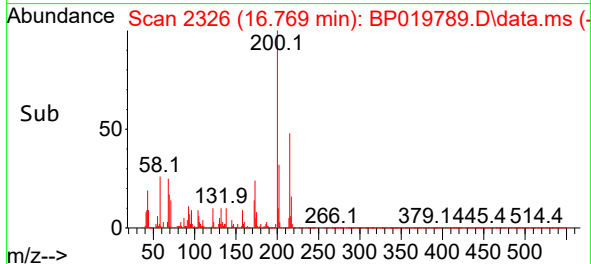
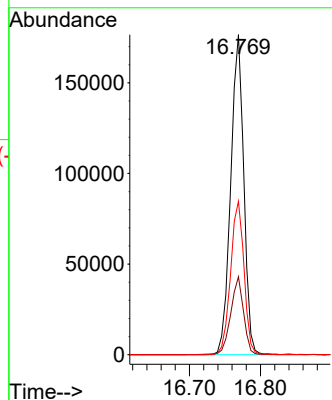
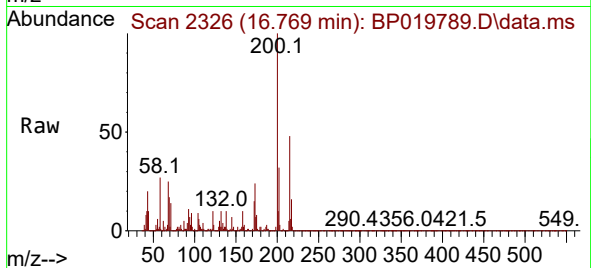
Tgt Ion:200 Resp: 225741

Ion Ratio Lower Upper

200 100

173 24.3 1.7 41.7

215 48.0 26.9 66.9



#70

Pentachlorophenol

Concen: 69.537 ng

RT: 16.939 min Scan# 2355

Delta R.T. 0.000 min

Lab File: BP019789.D

Acq: 20 Feb 2024 17:02

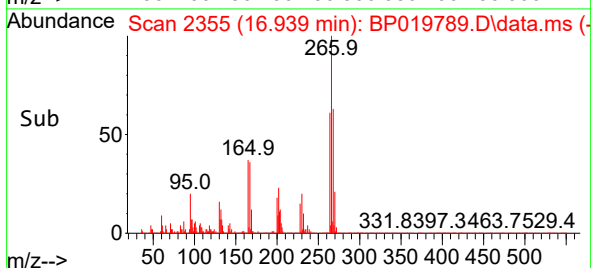
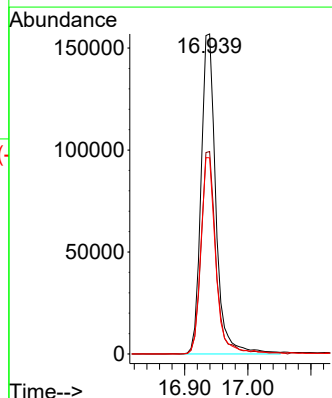
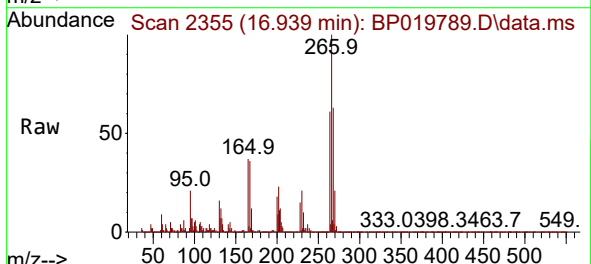
Tgt Ion:266 Resp: 255490

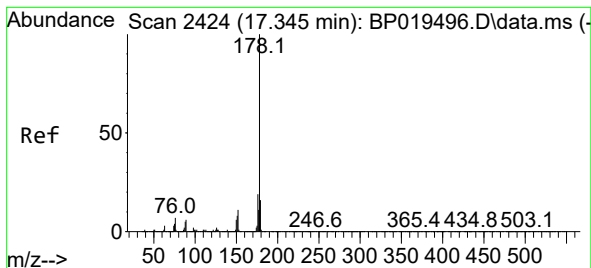
Ion Ratio Lower Upper

266 100

268 63.2 50.3 75.5

264 61.3 49.7 74.5





#71

Phenanthrene

Concen: 47.785 ng

RT: 17.334 min Scan# 2424

Delta R.T. -0.006 min

Lab File: BP019789.D

Acq: 20 Feb 2024 17:02

Instrument :

BNA_P

ClientSampleId :

ETGI-343MSD

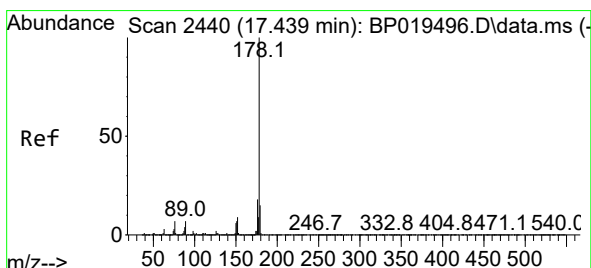
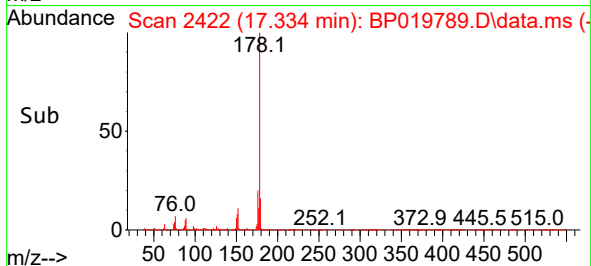
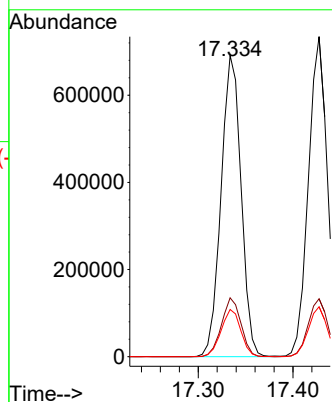
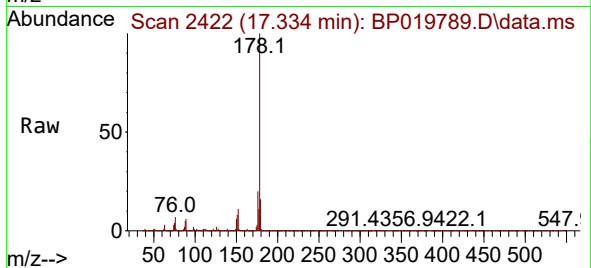
Tgt Ion:178 Resp: 1016325

Ion Ratio Lower Upper

178 100

176 19.6 15.5 23.3

179 15.6 12.6 19.0



#72

Anthracene

Concen: 48.338 ng

RT: 17.428 min Scan# 2438

Delta R.T. 0.000 min

Lab File: BP019789.D

Acq: 20 Feb 2024 17:02

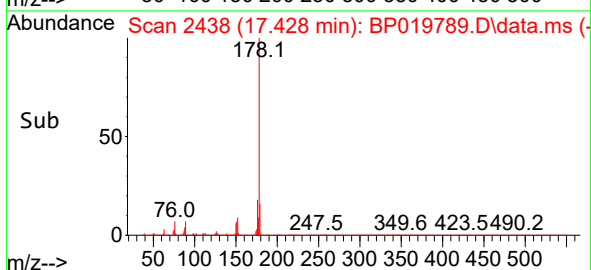
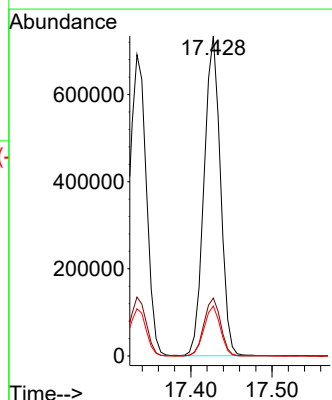
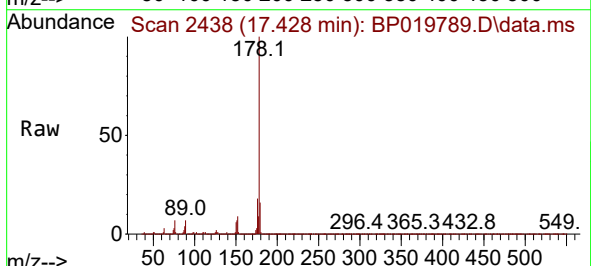
Tgt Ion:178 Resp: 1025583

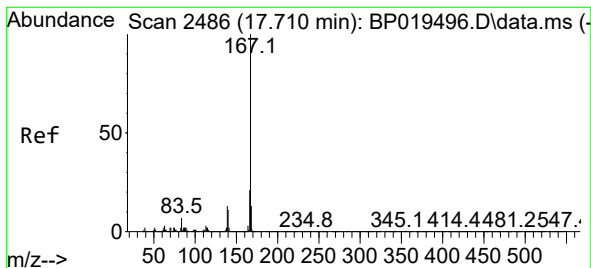
Ion Ratio Lower Upper

178 100

176 18.1 14.7 22.1

179 15.6 12.2 18.2





#73

Carbazole

Concen: 47.656 ng

RT: 17.704 min Scan# 2486

Delta R.T. -0.006 min

Lab File: BP019789.D

Acq: 20 Feb 2024 17:02

Instrument :

BNA_P

ClientSampleId :

ETGI-343MSD

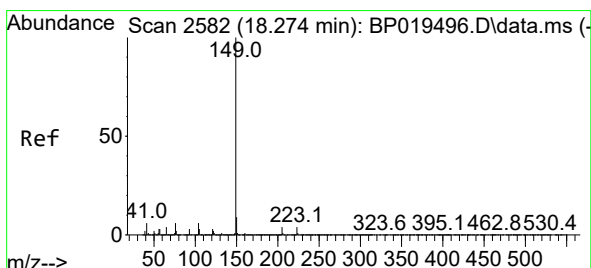
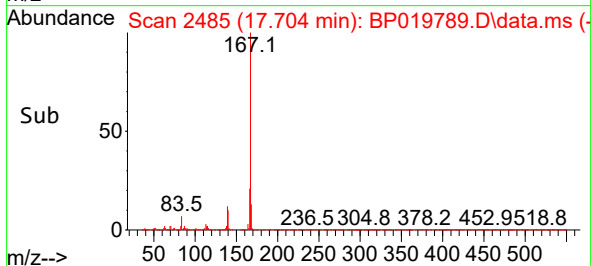
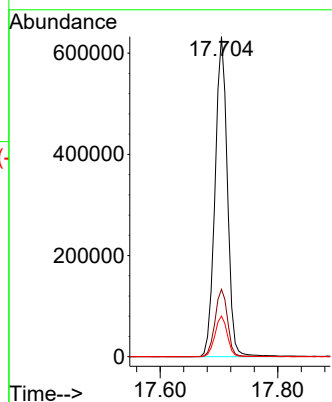
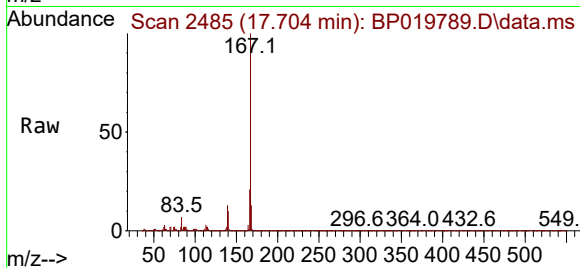
Tgt Ion:167 Resp: 918552

Ion Ratio Lower Upper

167 100

166 21.0 17.2 25.8

139 12.7 10.6 15.8



#74

Di-n-butylphthalate

Concen: 46.566 ng

RT: 18.257 min Scan# 2579

Delta R.T. -0.006 min

Lab File: BP019789.D

Acq: 20 Feb 2024 17:02

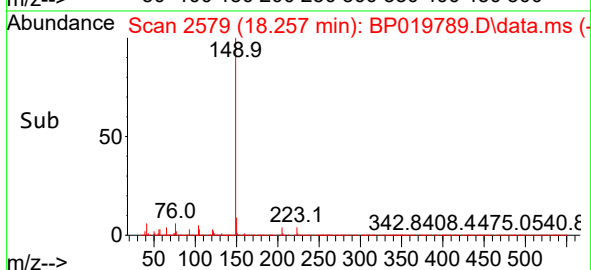
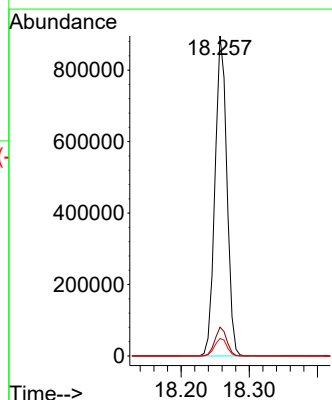
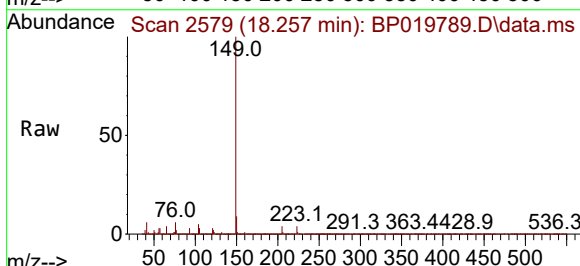
Tgt Ion:149 Resp: 1085241

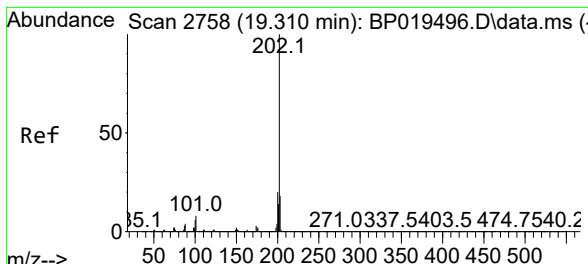
Ion Ratio Lower Upper

149 100

150 9.0 7.3 10.9

104 5.5 4.8 7.2



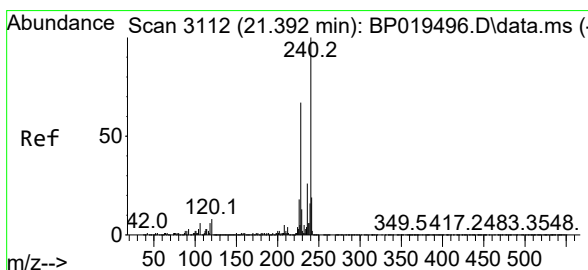
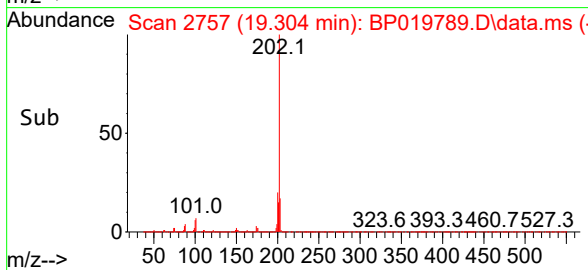
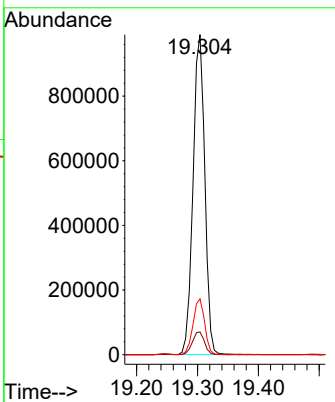
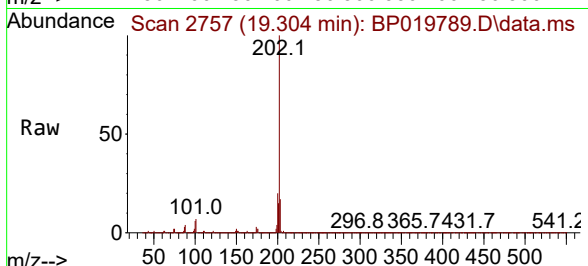


#75
 Fluoranthene
 Concen: 51.096 ng
 RT: 19.304 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP019789.D
 Acq: 20 Feb 2024 17:02

Instrument :
 BNA_P
 ClientSampleId :
 ETGI-343MSD

Tgt Ion: 202 Resp: 1327594

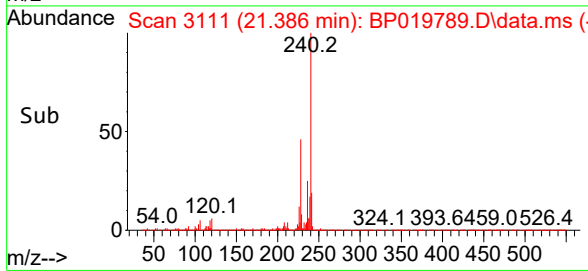
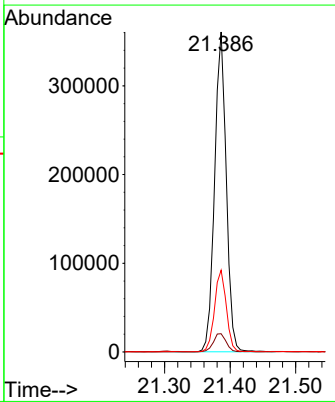
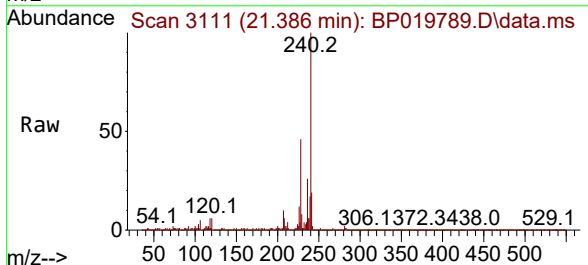
Ion	Ratio	Lower	Upper
202	100		
101	7.1	0.0	27.7
203	17.5	0.0	37.5

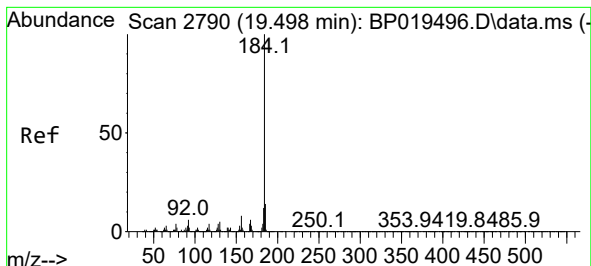


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.386 min Scan# 3111
 Delta R.T. -0.006 min
 Lab File: BP019789.D
 Acq: 20 Feb 2024 17:02

Tgt Ion: 240 Resp: 443300

Ion	Ratio	Lower	Upper
240	100		
120	5.7	6.1	9.1#
236	25.5	20.7	31.1





#77

Benzidine

Concen: 29.128 ng

RT: 19.492 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019789.D

Acq: 20 Feb 2024 17:02

Instrument :

BNA_P

ClientSampleId :

ETGI-343MSD

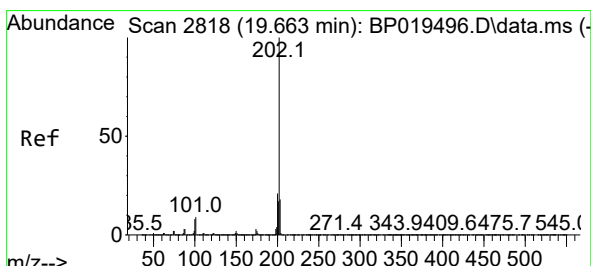
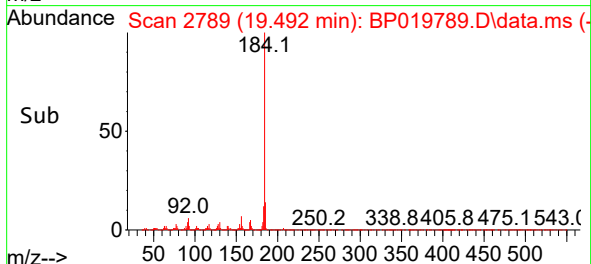
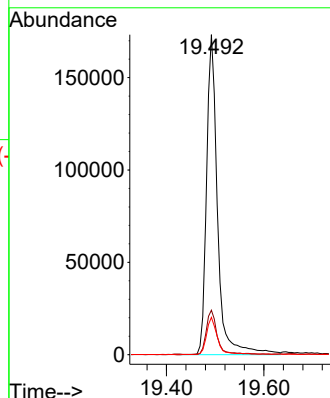
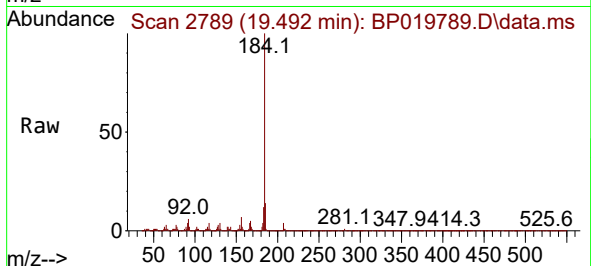
Tgt Ion:184 Resp: 269958

Ion Ratio Lower Upper

184 100

185 13.9 11.1 16.7

183 11.7 9.7 14.5



#78

Pyrene

Concen: 44.916 ng

RT: 19.657 min Scan# 2817

Delta R.T. 0.000 min

Lab File: BP019789.D

Acq: 20 Feb 2024 17:02

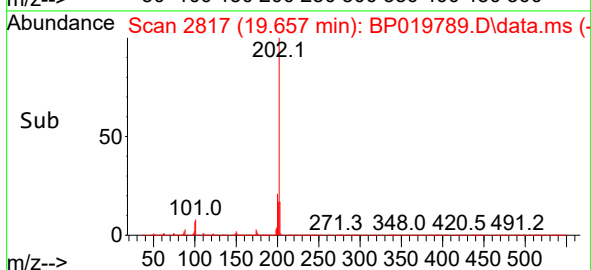
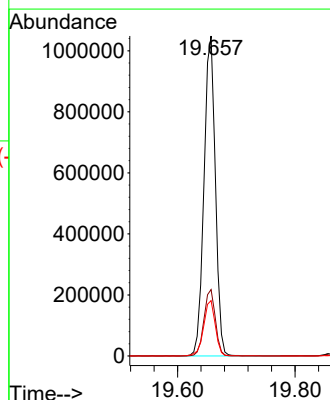
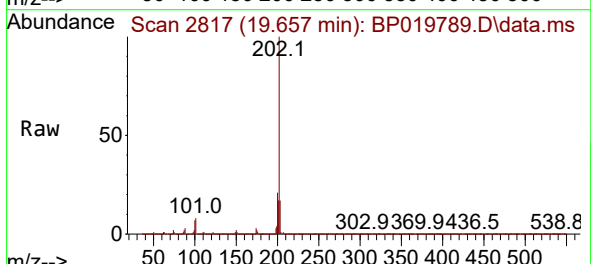
Tgt Ion:202 Resp: 1405245

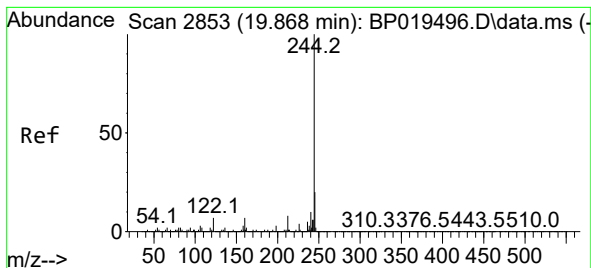
Ion Ratio Lower Upper

202 100

200 20.7 16.9 25.3

203 17.3 14.2 21.2





#79

Terphenyl-d14

Concen: 83.917 ng

RT: 19.857 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019789.D

Acq: 20 Feb 2024 17:02

Instrument :

BNA_P

ClientSampleId :

ETGI-343MSD

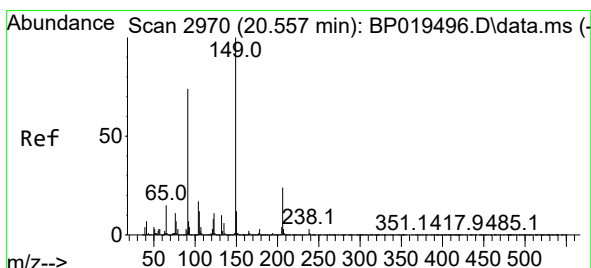
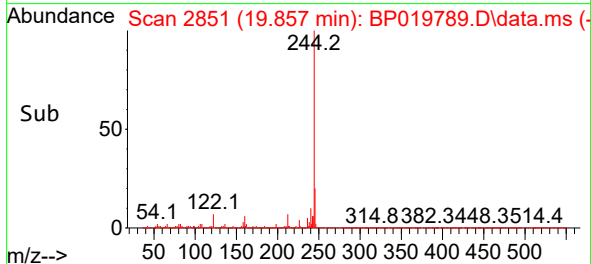
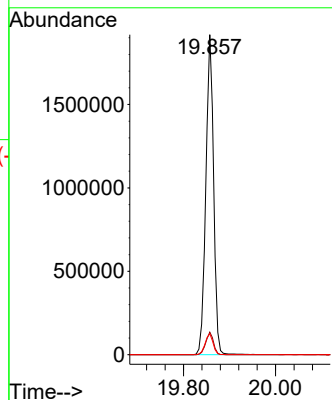
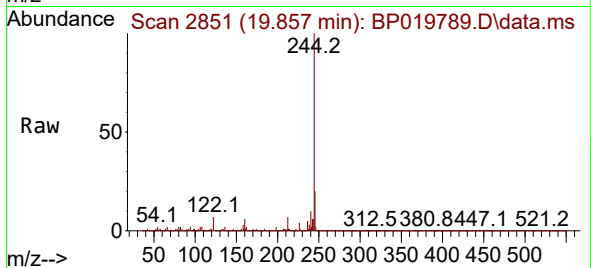
Tgt Ion:244 Resp: 2262041

Ion Ratio Lower Upper

244 100

212 7.0 6.1 9.1

122 6.6 5.9 8.9



#80

Butylbenzylphthalate

Concen: 42.642 ng

RT: 20.539 min Scan# 2967

Delta R.T. -0.006 min

Lab File: BP019789.D

Acq: 20 Feb 2024 17:02

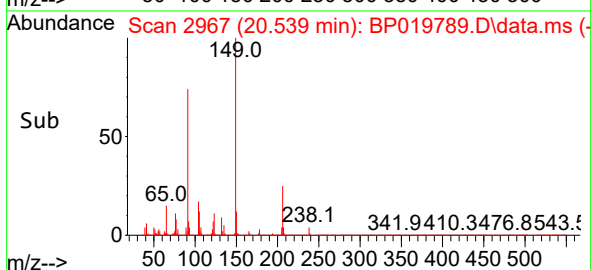
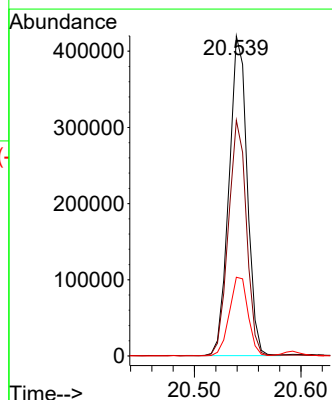
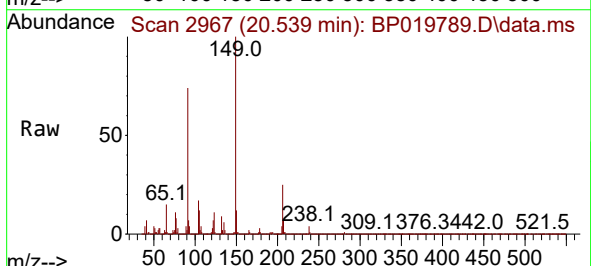
Tgt Ion:149 Resp: 498210

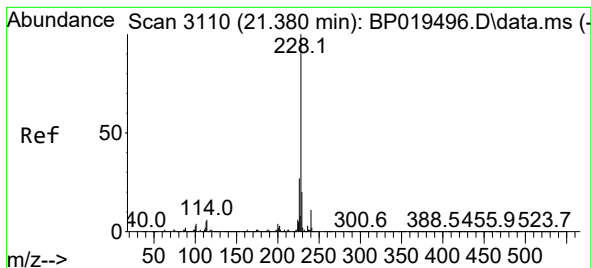
Ion Ratio Lower Upper

149 100

91 73.7 59.4 89.0

206 24.6 19.0 28.6





#81

Benzo(a)anthracene

Concen: 48.401 ng

RT: 21.369 min Scan# 3110

Delta R.T. -0.006 min

Lab File: BP019789.D

Acq: 20 Feb 2024 17:02

Instrument :

BNA_P

ClientSampleId :

ETGI-343MSD

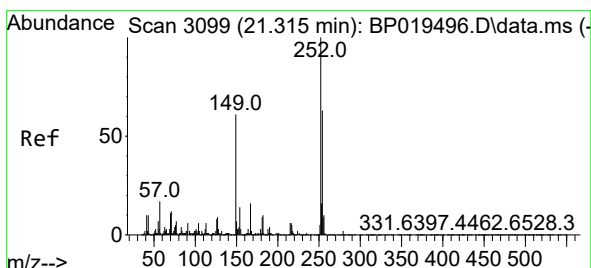
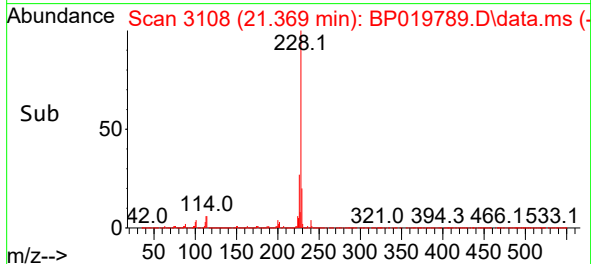
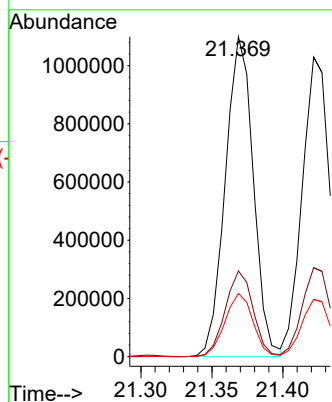
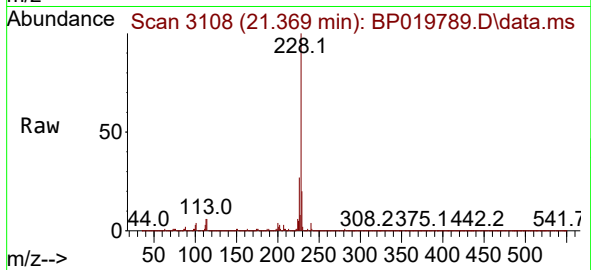
Tgt Ion:228 Resp: 1510346

Ion Ratio Lower Upper

228 100

226 26.8 21.7 32.5

229 19.8 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 33.163 ng

RT: 21.304 min Scan# 3097

Delta R.T. -0.006 min

Lab File: BP019789.D

Acq: 20 Feb 2024 17:02

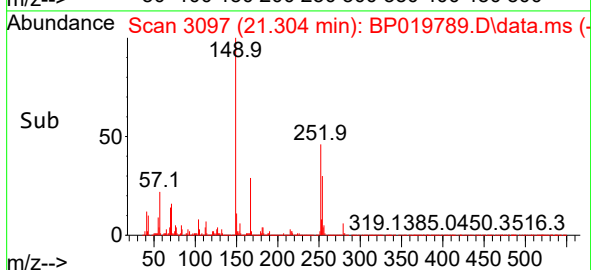
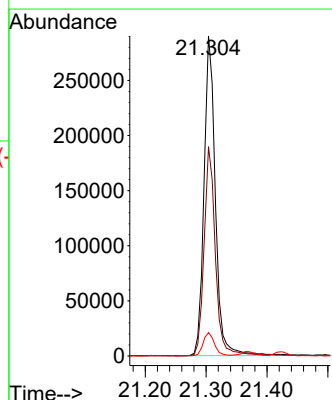
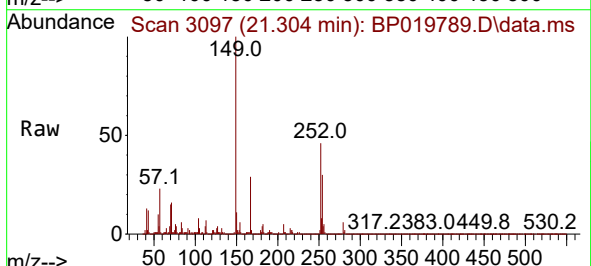
Tgt Ion:252 Resp: 377095

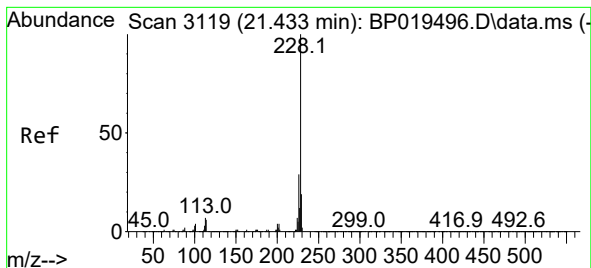
Ion Ratio Lower Upper

252 100

254 65.4 50.7 76.1

126 7.3 6.4 9.6





#83

Chrysene

Concen: 46.969 ng

RT: 21.422 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BP019789.D

Acq: 20 Feb 2024 17:02

Instrument :

BNA_P

ClientSampleId :

ETGI-343MSD

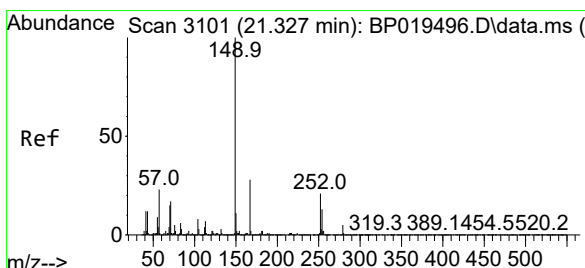
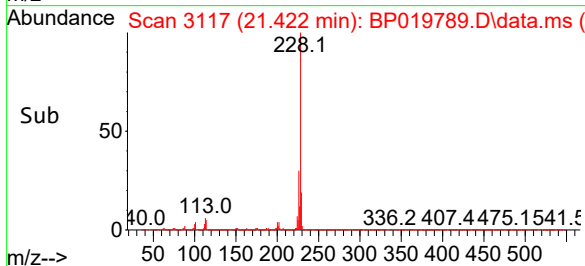
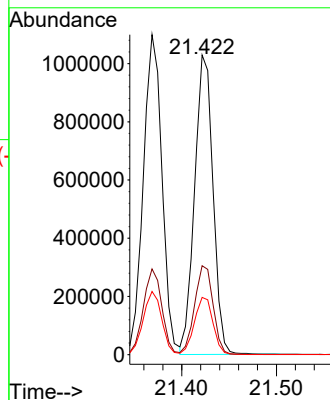
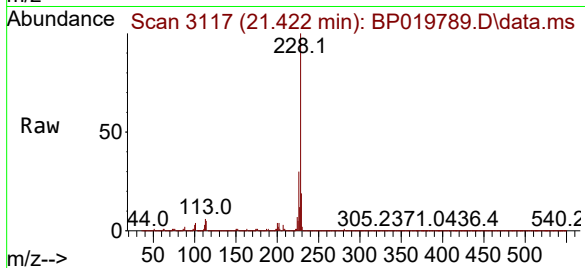
Tgt Ion:228 Resp: 1391510

Ion Ratio Lower Upper

228 100

226 29.7 23.4 35.2

229 19.1 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.923 ng

RT: 21.304 min Scan# 3097

Delta R.T. -0.006 min

Lab File: BP019789.D

Acq: 20 Feb 2024 17:02

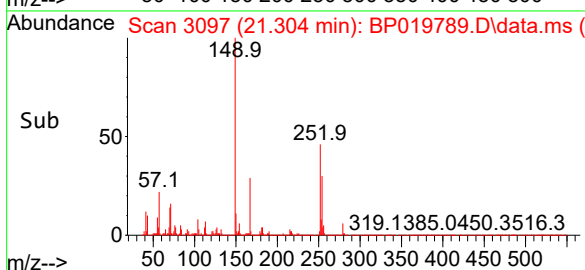
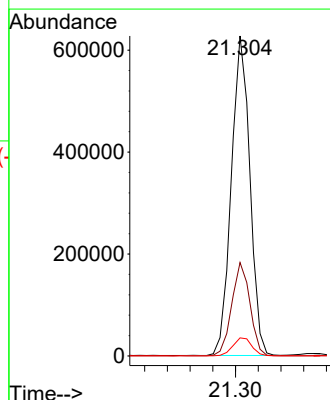
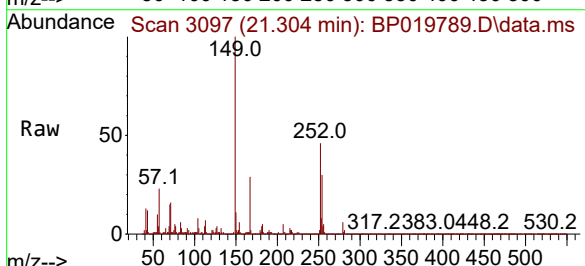
Tgt Ion:149 Resp: 710276

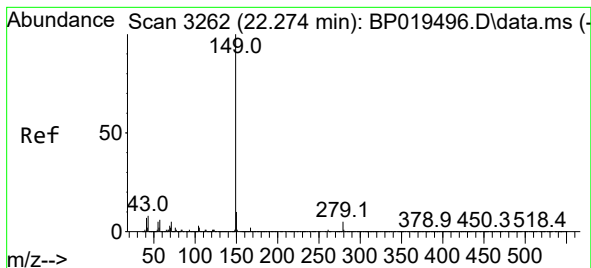
Ion Ratio Lower Upper

149 100

167 29.2 22.7 34.1

279 5.6 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 40.553 ng

RT: 22.245 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP019789.D

Acq: 20 Feb 2024 17:02

Instrument :

BNA_P

ClientSampleId :

ETGI-343MSD

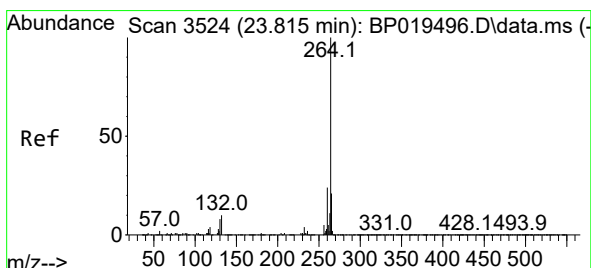
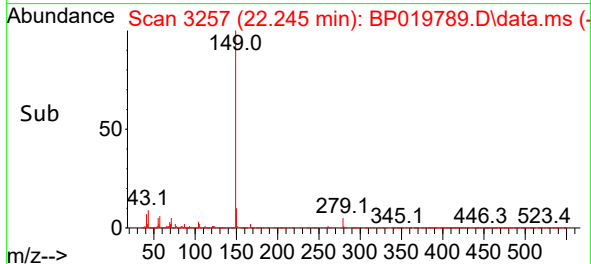
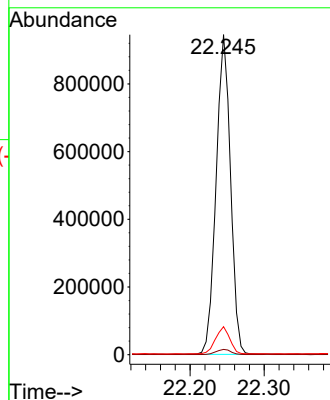
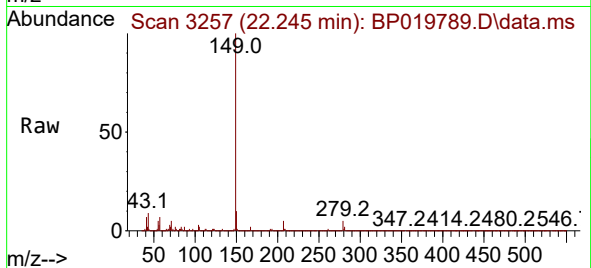
Tgt Ion:149 Resp: 1269420

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 8.3 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.798 min Scan# 3521

Delta R.T. -0.012 min

Lab File: BP019789.D

Acq: 20 Feb 2024 17:02

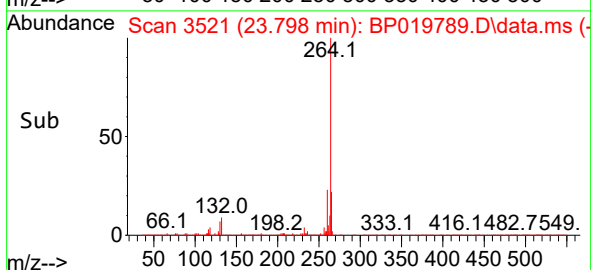
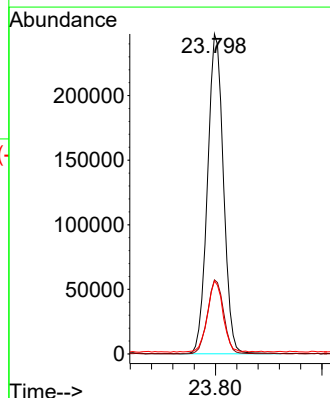
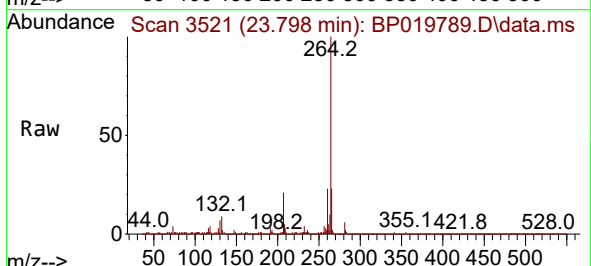
Tgt Ion:264 Resp: 513600

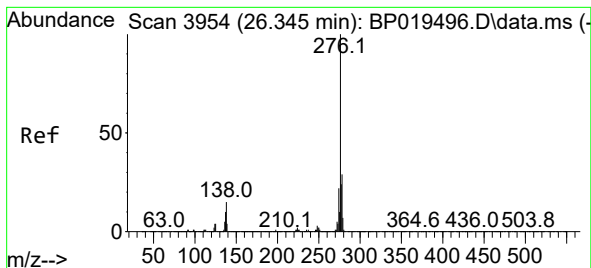
Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 22.9 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.546 ng

RT: 26.345 min Scan# 3954

Delta R.T. 0.000 min

Lab File: BP019789.D

Acq: 20 Feb 2024 17:02

Instrument :

BNA_P

ClientSampleId :

ETGI-343MSD

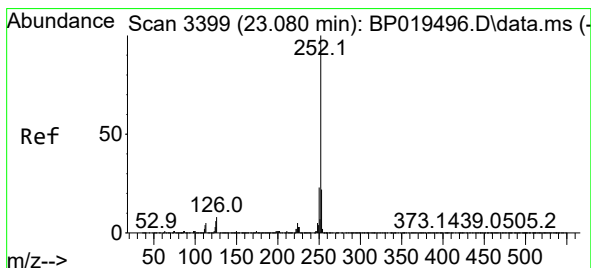
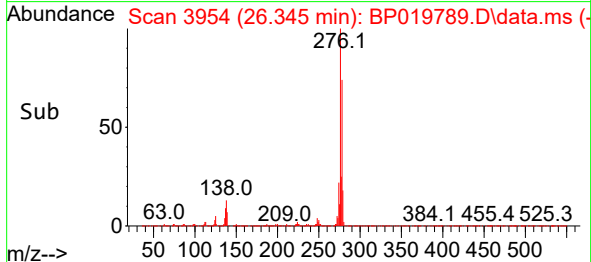
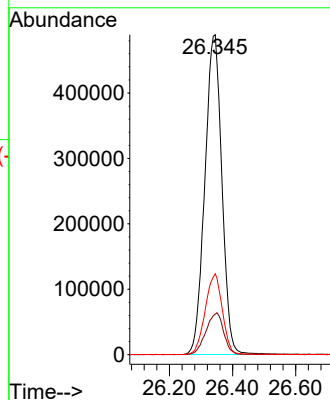
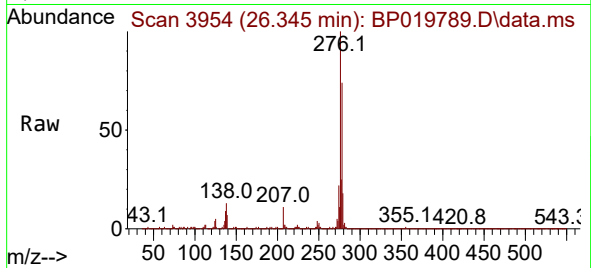
Tgt Ion:276 Resp: 1829935

Ion Ratio Lower Upper

276 100

138 13.6 13.1 19.7

277 25.4 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 47.913 ng

RT: 23.069 min Scan# 3397

Delta R.T. -0.006 min

Lab File: BP019789.D

Acq: 20 Feb 2024 17:02

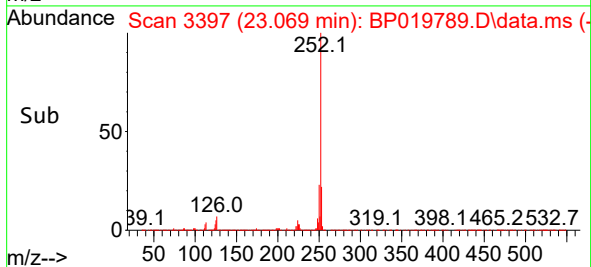
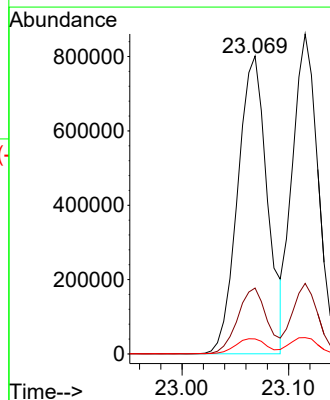
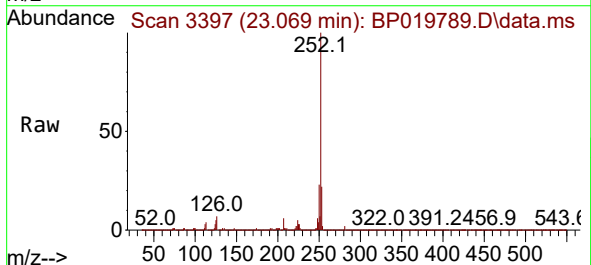
Tgt Ion:252 Resp: 1550940

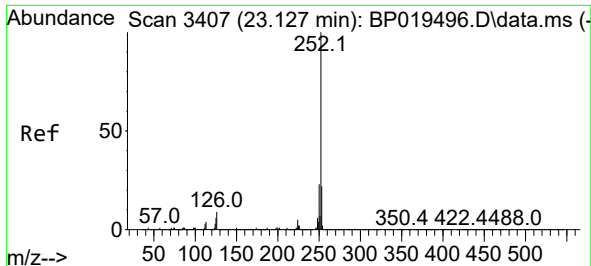
Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

125 5.0 4.9 7.3

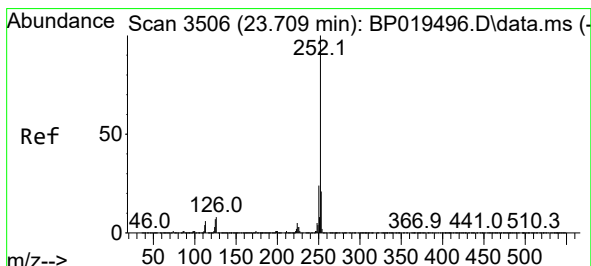
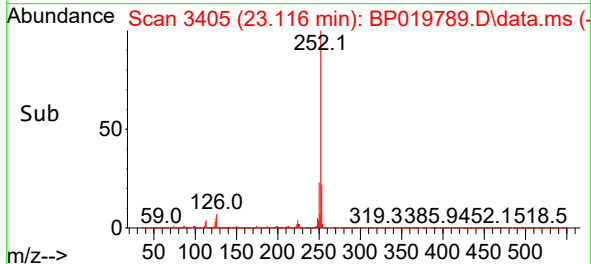
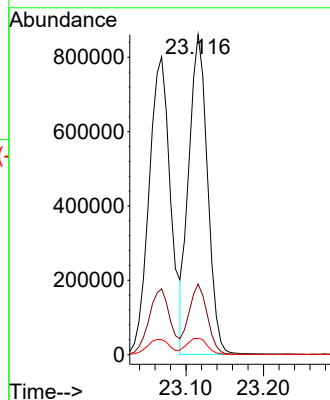
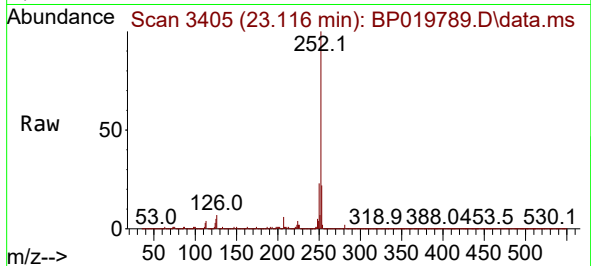




#89
Benzo(k)fluoranthene
Concen: 46.558 ng
RT: 23.116 min Scan# 34
Delta R.T. -0.006 min
Lab File: BP019789.D
Acq: 20 Feb 2024 17:02

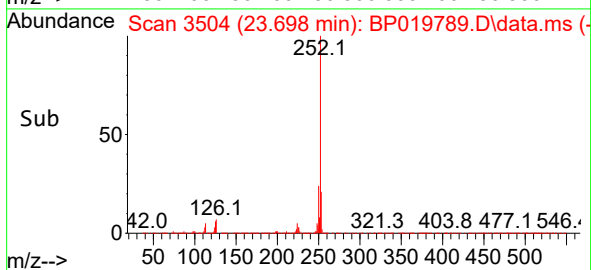
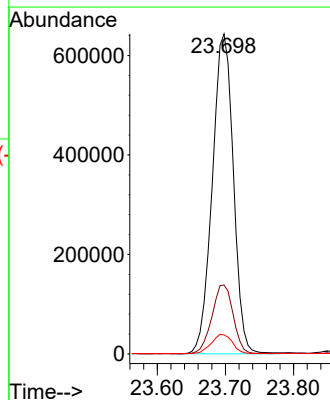
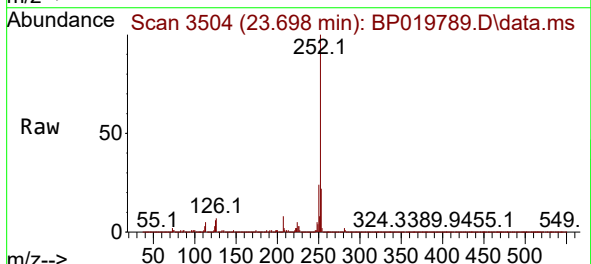
Instrument :
BNA_P
ClientSampleId :
ETGI-343MSD

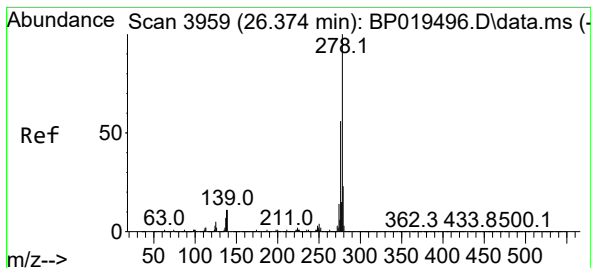
Tgt Ion:252 Resp: 1439596
Ion Ratio Lower Upper
252 100
253 22.1 17.1 25.7
125 5.1 5.0 7.6



#90
Benzo(a)pyrene
Concen: 48.001 ng
RT: 23.698 min Scan# 3504
Delta R.T. -0.006 min
Lab File: BP019789.D
Acq: 20 Feb 2024 17:02

Tgt Ion:252 Resp: 1382504
Ion Ratio Lower Upper
252 100
253 21.6 17.1 25.7
125 6.0 5.6 8.4





#91

Dibenzo(a,h)anthracene

Concen: 46.614 ng

RT: 26.362 min Scan# 3957

Delta R.T. -0.006 min

Lab File: BP019789.D

Acq: 20 Feb 2024 17:02

Instrument :

BNA_P

ClientSampleId :

ETGI-343MSD

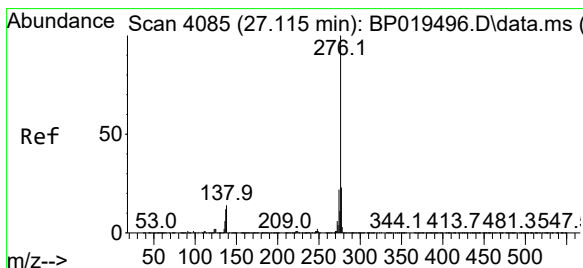
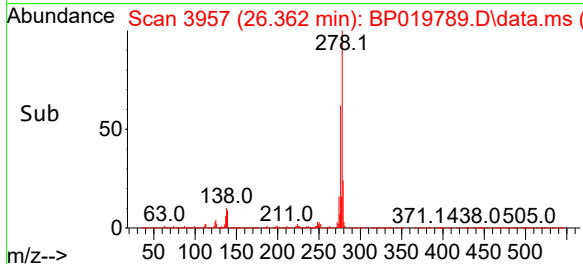
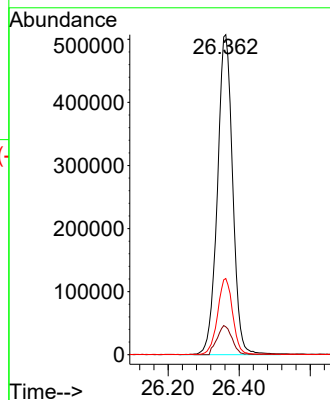
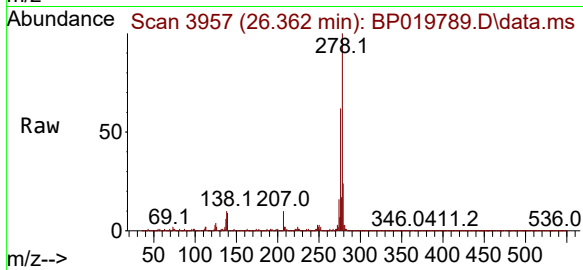
Tgt Ion:278 Resp: 1507226

Ion Ratio Lower Upper

278 100

139 8.7 8.6 12.8

279 23.8 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 43.262 ng

RT: 27.109 min Scan# 4084

Delta R.T. -0.012 min

Lab File: BP019789.D

Acq: 20 Feb 2024 17:02

Tgt Ion:276 Resp: 1419144

Ion Ratio Lower Upper

276 100

277 23.8 18.6 28.0

138 12.6 10.9 16.3

