

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022024\
 Data File : BP019788.D
 Acq On : 20 Feb 2024 16:28
 Operator : MA/JU
 Sample : P1514-02MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ETGI-343MS

Quant Time: Feb 20 17:12:17 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	72187	20.000	ng	0.00
21) Naphthalene-d8	10.698	136	263993	20.000	ng	0.00
39) Acenaphthene-d10	14.534	164	183561	20.000	ng	0.00
64) Phenanthrene-d10	17.292	188	417827	20.000	ng	0.00
76) Chrysene-d12	21.386	240	448470	20.000	ng	0.00
86) Perylene-d12	23.798	264	510753	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	541430	120.900	ng	0.00
7) Phenol-d6	7.075	99	668900	110.774	ng	0.00
23) Nitrobenzene-d5	9.069	82	518486	85.104	ng	0.00
42) 2,4,6-Tribromophenol	16.033	330	460069	171.660	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	1231199	82.918	ng	0.00
79) Terphenyl-d14	19.857	244	2510204	92.049	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.393	88	59453	34.457	ng	# 78
3) Pyridine	3.793	79	144350	30.858	ng	99
4) n-Nitrosodimethylamine	3.705	42	85072	41.772	ng	98
6) Aniline	7.234	93	134352	22.898	ng	98
8) 2-Chlorophenol	7.463	128	206878	44.995	ng	97
9) Benzaldehyde	7.046	77	28519	6.736	ng	93
10) Phenol	7.099	94	244470	40.621	ng	97
11) bis(2-Chloroethyl)ether	7.334	93	196002	41.861	ng	99
12) 1,3-Dichlorobenzene	7.787	146	232936	41.404	ng	97
13) 1,4-Dichlorobenzene	7.934	146	240486	42.192	ng	98
14) 1,2-Dichlorobenzene	8.246	146	230031	41.711	ng	97
15) Benzyl Alcohol	8.152	79	227562	47.166	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.422	45	193244	41.272	ng	99
17) 2-Methylphenol	8.351	107	178646	44.090	ng	98
18) Hexachloroethane	8.963	117	90505	40.965	ng	100
19) n-Nitroso-di-n-propyla...	8.716	70	173644	42.100	ng	98
20) 3+4-Methylphenols	8.681	107	240407	43.475	ng	95
22) Acetophenone	8.734	105	330960	44.006	ng	# 98
24) Nitrobenzene	9.110	77	255171	41.599	ng	98
25) Isophorone	9.640	82	475372	44.803	ng	100
26) 2-Nitrophenol	9.816	139	117181	50.101	ng	98
27) 2,4-Dimethylphenol	9.881	122	161046	53.848	ng	99
28) bis(2-Chloroethoxy)met...	10.122	93	269691	44.925	ng	100
29) 2,4-Dichlorophenol	10.351	162	226431	50.085	ng	98
30) 1,2,4-Trichlorobenzene	10.563	180	251950	45.452	ng	100
31) Naphthalene	10.751	128	632918	43.713	ng	100
32) Benzoic acid	9.993	122	50780	17.427	ng	94
33) 4-Chloroaniline	10.875	127	30371	5.672	ng	98
34) Hexachlorobutadiene	11.016	225	183583	44.692	ng	98
35) Caprolactam	11.681	113	63981	49.991	ng	97
36) 4-Chloro-3-methylphenol	11.998	107	251674	51.054	ng	100
37) 2-Methylnaphthalene	12.357	142	461582	46.066	ng	98
38) 1-Methylnaphthalene	12.581	142	435222	44.199	ng	99
40) 1,2,4,5-Tetrachloroben...	12.722	216	330508	46.687	ng	99
41) Hexachlorocyclopentadiene	12.687	237	322315	100.785	ng	96
43) 2,4,6-Trichlorophenol	12.969	196	213549	49.817	ng	97

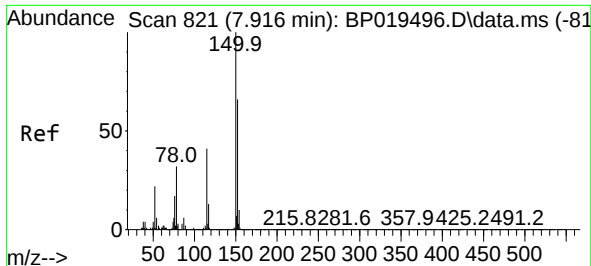
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022024\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 19 23:35:42 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.045	196	233870	49.685	ng	98
46) 1,1'-Biphenyl	13.369	154	639538	43.653	ng	99
47) 2-Chloronaphthalene	13.410	162	512064	42.578	ng	98
48) 2-Nitroaniline	13.628	65	168322	50.053	ng	99
49) Acenaphthylene	14.257	152	824659	48.875	ng	100
50) Dimethylphthalate	14.004	163	707191	50.326	ng	98
51) 2,6-Dinitrotoluene	14.134	165	152125	49.274	ng	95
52) Acenaphthene	14.598	154	470247	44.905	ng	99
53) 3-Nitroaniline	14.457	138	83241	29.338	ng	96
54) 2,4-Dinitrophenol	14.669	184	46200	28.821	ng	99
55) Dibenzofuran	14.933	168	808676	47.413	ng	99
56) 4-Nitrophenol	14.775	139	222908	95.852	ng	95
57) 2,4-Dinitrotoluene	14.922	165	217255	53.699	ng	96
58) Fluorene	15.586	166	669944	49.316	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.163	232	237015	59.863	ng	95
60) Diethylphthalate	15.369	149	701966	50.223	ng	99
61) 4-Chlorophenyl-phenyle...	15.586	204	380443	49.827	ng	94
62) 4-Nitroaniline	15.622	138	149041	50.115	ng	99
63) Azobenzene	15.881	77	636502	47.093	ng	96
65) 4,6-Dinitro-2-methylph...	15.681	198	55254	23.192	ng	96
66) n-Nitrosodiphenylamine	15.804	169	591066	47.234	ng	100
67) 4-Bromophenyl-phenylether	16.480	248	257962	49.386	ng	97
68) Hexachlorobenzene	16.586	284	306870	50.309	ng	95
69) Atrazine	16.769	200	253472	61.042	ng	97
70) Pentachlorophenol	16.939	266	336767	88.657	ng	99
71) Phenanthrene	17.333	178	1105115	50.258	ng	99
72) Anthracene	17.427	178	1124104	51.247	ng	100
73) Carbazole	17.704	167	1006026	50.486	ng	99
74) Di-n-butylphthalate	18.257	149	1226722	50.914	ng	99
75) Fluoranthene	19.304	202	1446557	53.852	ng	99
77) Benzidine	19.492	184	324146	34.572	ng	99
78) Pyrene	19.657	202	1519977	48.023	ng	99
80) Butylbenzylphthalate	20.539	149	575310	48.673	ng	99
81) Benzo(a)anthracene	21.368	228	1597667	50.609	ng	100
82) 3,3'-Dichlorobenzidine	21.304	252	416400	36.197	ng	98
83) Chrysene	21.427	228	1502652	50.135	ng	100
84) Bis(2-ethylhexyl)phtha...	21.304	149	819922	45.554	ng	100
85) Di-n-octyl phthalate	22.245	149	1422149	44.909	ng	99
87) Indeno(1,2,3-cd)pyrene	26.333	276	1924932	49.236	ng	98
88) Benzo(b)fluoranthene	23.068	252	1627194	50.549	ng	99
89) Benzo(k)fluoranthene	23.115	252	1543154	50.185	ng	98
90) Benzo(a)pyrene	23.698	252	1467848	51.248	ng	99
91) Dibenzo(a,h)anthracene	26.362	278	1594195	49.579	ng	97
92) Benzo(g,h,i)perylene	27.115	276	1513690	46.402	ng	97

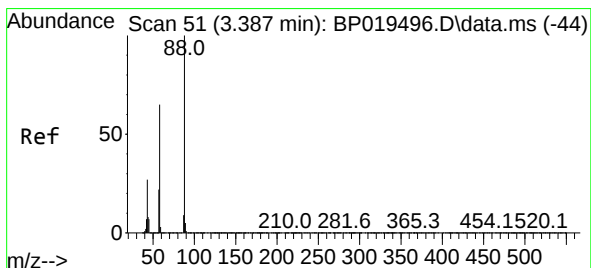
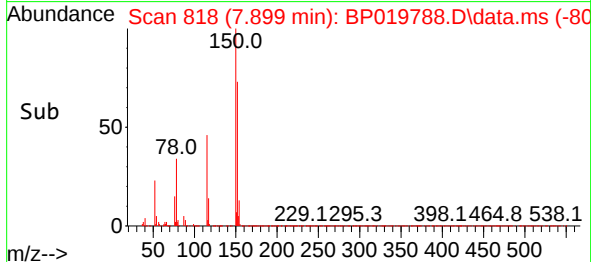
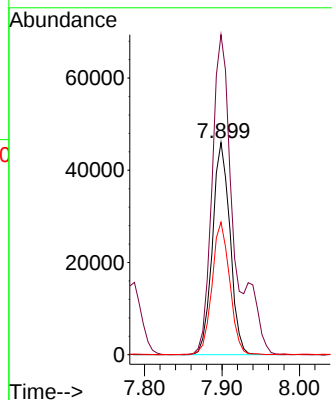
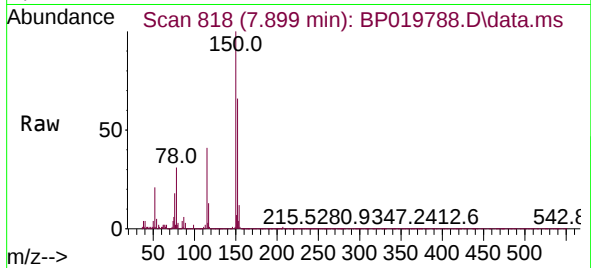
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.899 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BP019788.D
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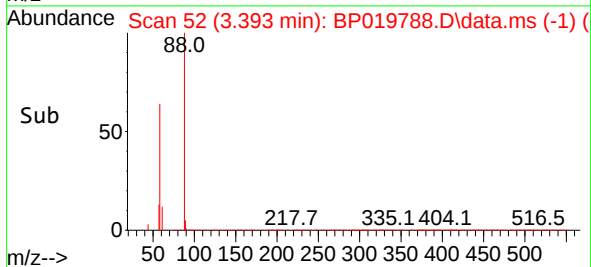
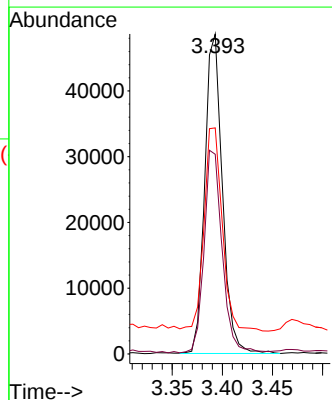
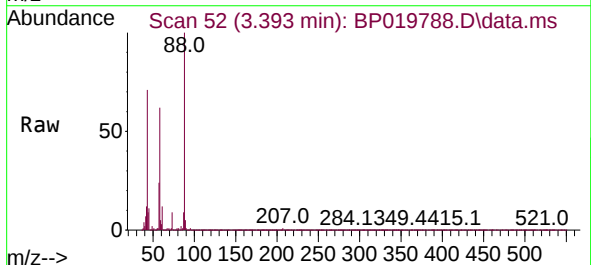
Instrument :
 BNA_P
 ClientSampleId :
 ETGI-343MS

Tgt Ion:152 Resp: 72187
 Ion Ratio Lower Upper
 152 100
 150 150.8 121.8 182.8
 115 62.4 49.9 74.9



#2
 1,4-Dioxane
 Concen: 34.457 ng
 RT: 3.393 min Scan# 52
 Delta R.T. 0.012 min
 Lab File: BP019788.D
 Acq: 20 Feb 2024 16:28

Tgt Ion: 88 Resp: 59453
 Ion Ratio Lower Upper
 88 100
 58 65.1 52.6 78.8
 43 65.8 21.9 32.9

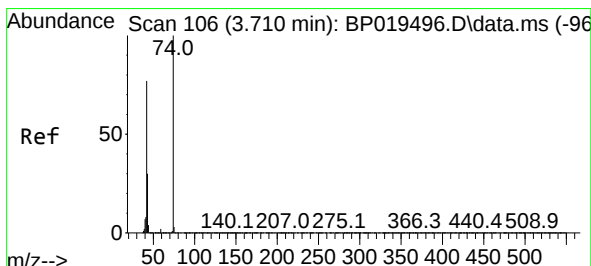
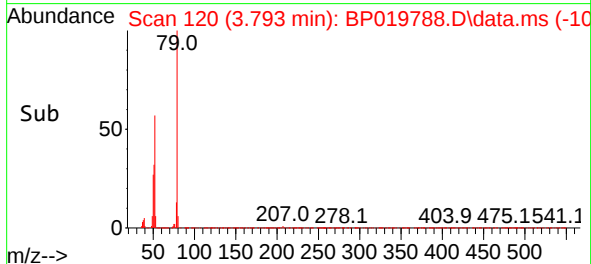
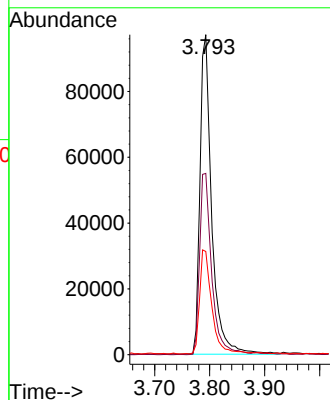
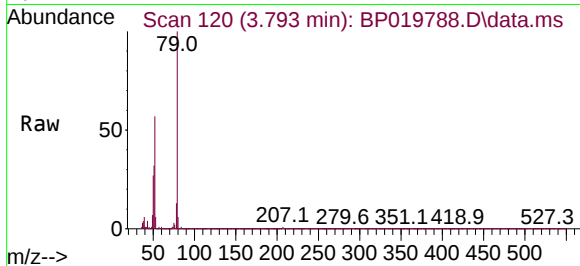




#3
Pyridine
Concen: 30.858 ng
RT: 3.793 min Scan# 119
Delta R.T. 0.012 min
Lab File: BP019788.D
Acq: 20 Feb 2024 16:28

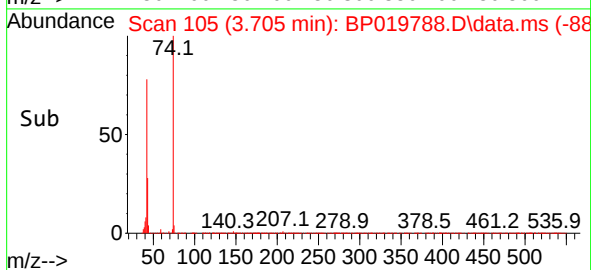
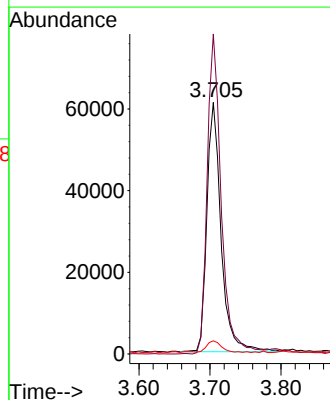
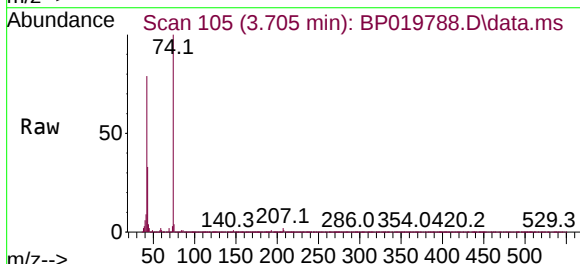
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ClientSampleId :
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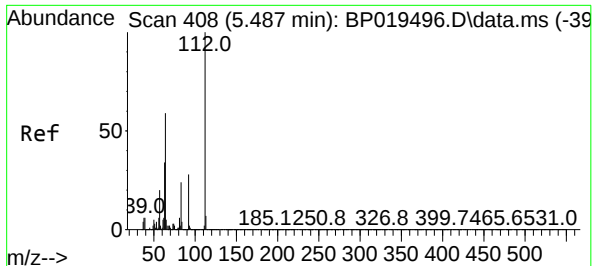
Tgt Ion: 79 Resp: 144350
Ion Ratio Lower Upper
79 100
52 56.7 45.0 67.6
51 32.3 26.8 40.2



#4
n-Nitrosodimethylamine
Concen: 41.772 ng
RT: 3.705 min Scan# 105
Delta R.T. -0.000 min
Lab File: BP019788.D
Acq: 20 Feb 2024 16:28

Tgt Ion: 42 Resp: 85072
Ion Ratio Lower Upper
42 100
74 127.2 103.4 155.2
44 5.2 4.8 7.2

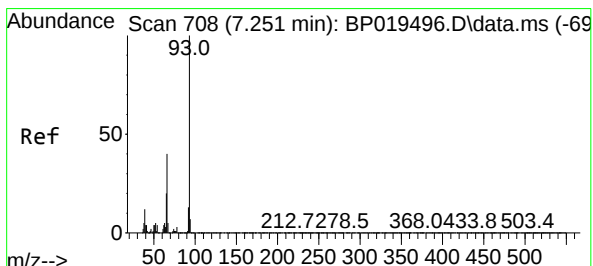
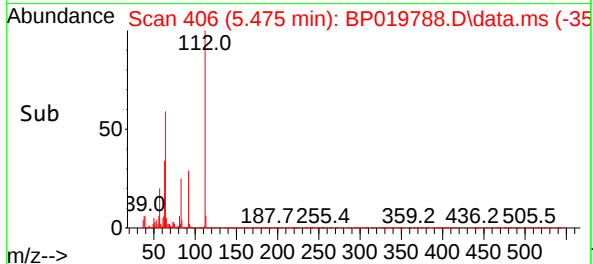
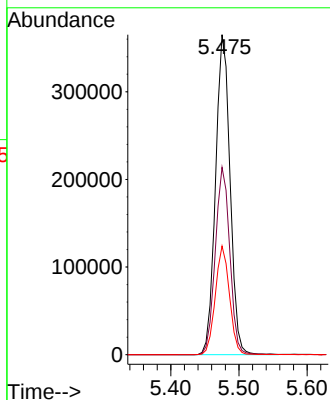
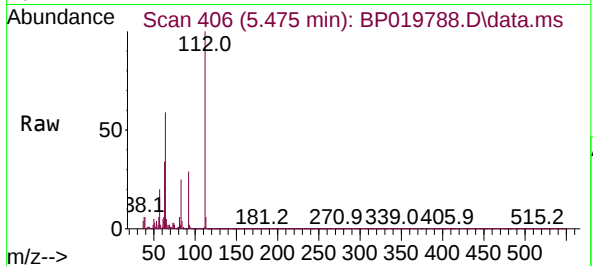




#5
2-Fluorophenol
Concen: 120.900 ng
RT: 5.475 min Scan# 408
Delta R.T. -0.000 min
Lab File: BP019788.D
Acq: 20 Feb 2024 16:28

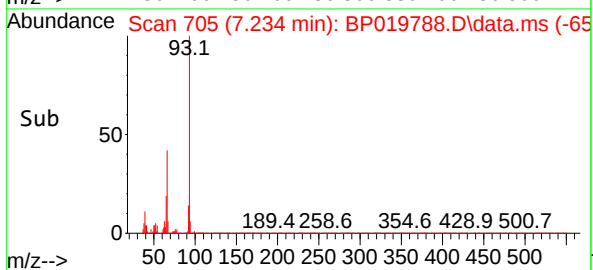
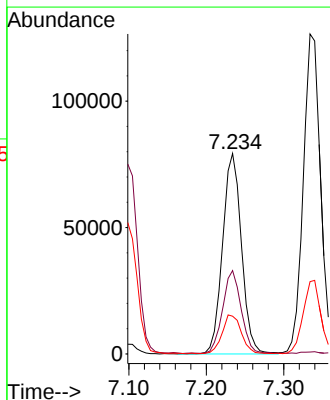
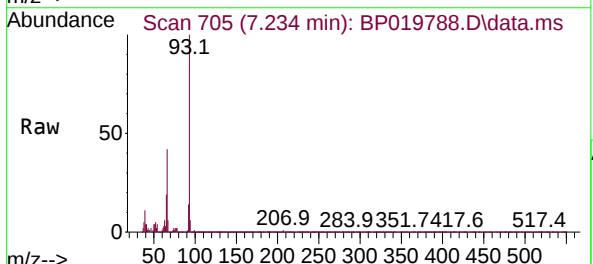
Instrument :
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ClientSampleId :
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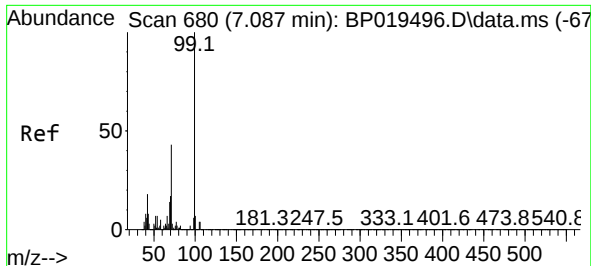
Tgt Ion:112 Resp: 541430
Ion Ratio Lower Upper
112 100
64 58.6 47.4 71.0
63 34.0 27.0 40.6



#6
Aniline
Concen: 22.898 ng
RT: 7.234 min Scan# 705
Delta R.T. -0.000 min
Lab File: BP019788.D
Acq: 20 Feb 2024 16:28

Tgt Ion: 93 Resp: 134352
Ion Ratio Lower Upper
93 100
66 41.5 32.3 48.5
65 18.8 16.4 24.6

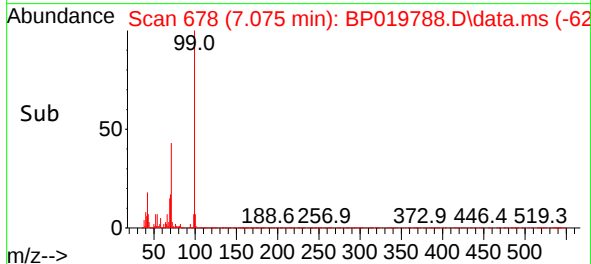
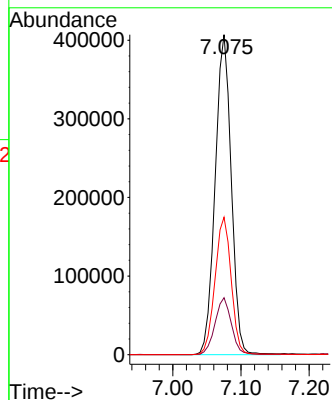
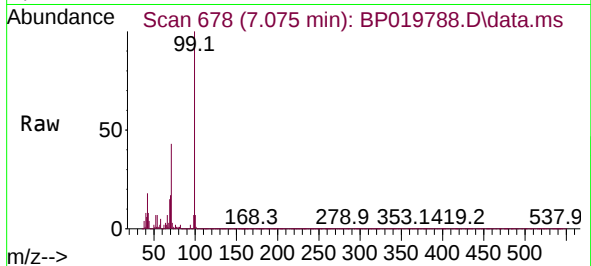




#7
Phenol-d6
Concen: 110.774 ng
RT: 7.075 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP019788.D
Acq: 20 Feb 2024 16:28

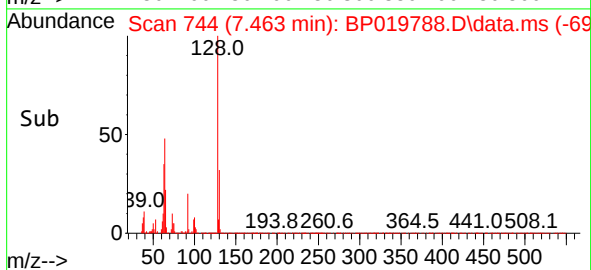
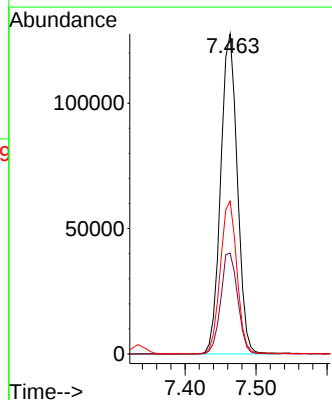
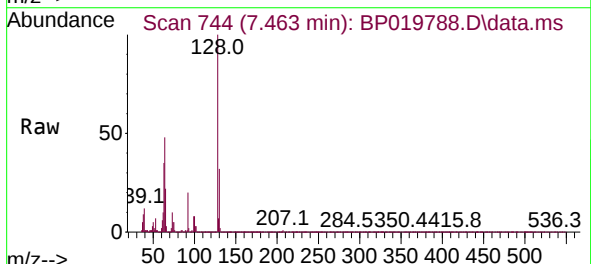
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ClientSampleId :
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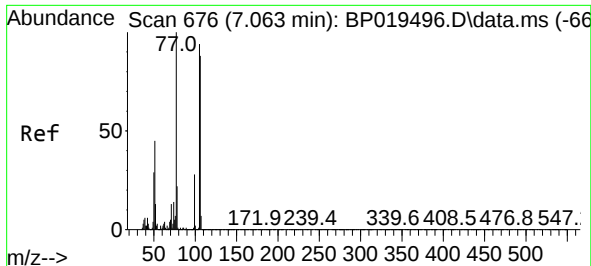
Tgt Ion: 99 Resp: 668900
Ion Ratio Lower Upper
99 100
42 17.8 14.7 22.1
71 43.0 34.8 52.2



#8
2-Chlorophenol
Concen: 44.995 ng
RT: 7.463 min Scan# 744
Delta R.T. -0.000 min
Lab File: BP019788.D
Acq: 20 Feb 2024 16:28

Tgt Ion: 128 Resp: 206878
Ion Ratio Lower Upper
128 100
130 31.5 13.3 53.3
64 47.8 29.7 69.7

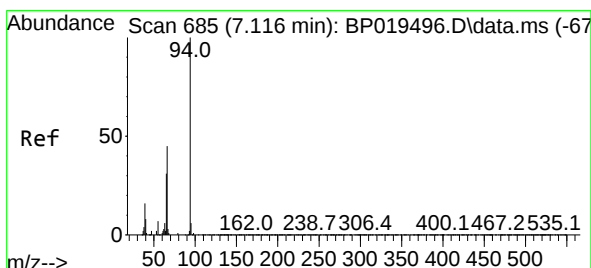
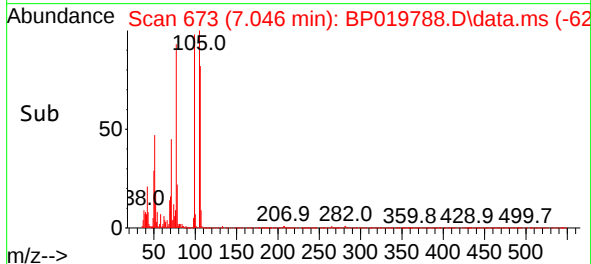
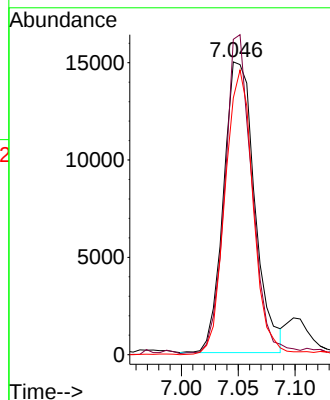
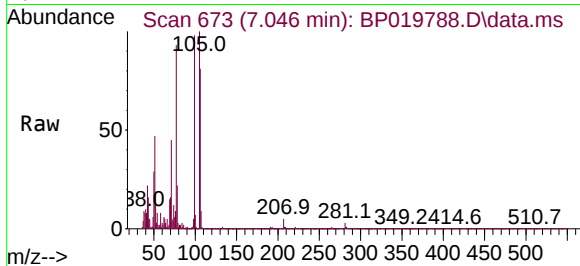




#9
Benzaldehyde
Concen: 6.736 ng
RT: 7.046 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019788.D
Acq: 20 Feb 2024 16:28

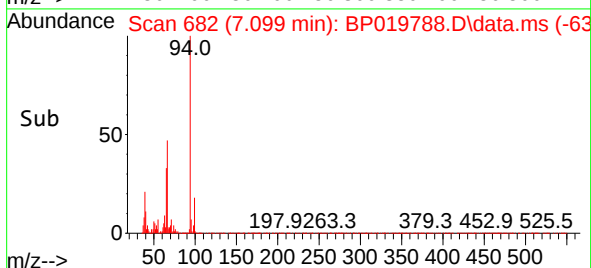
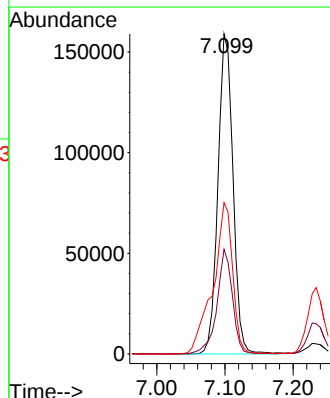
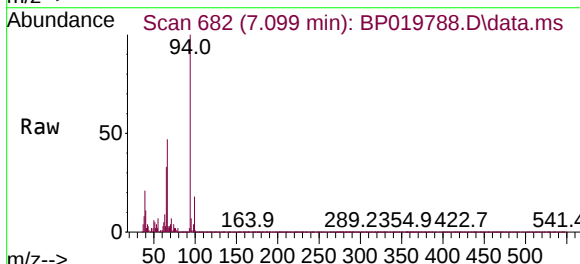
Instrument :
BNA_P
ClientSampleId :
ETGI-343MS

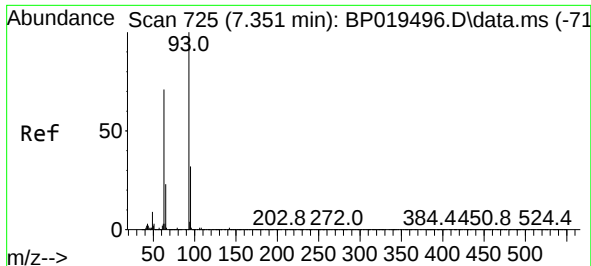
Tgt Ion: 77 Resp: 28519
Ion Ratio Lower Upper
77 100
105 107.7 74.0 114.0
106 87.7 67.8 107.8



#10
Phenol
Concen: 40.621 ng
RT: 7.099 min Scan# 682
Delta R.T. -0.000 min
Lab File: BP019788.D
Acq: 20 Feb 2024 16:28

Tgt Ion: 94 Resp: 244470
Ion Ratio Lower Upper
94 100
65 32.7 11.3 51.3
66 47.3 25.1 65.1

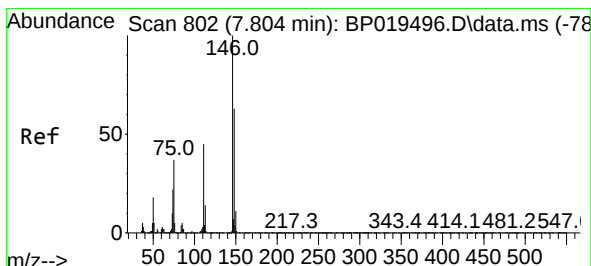
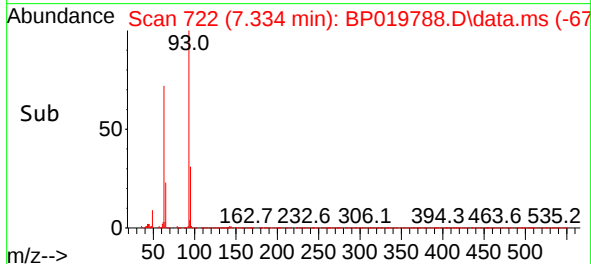
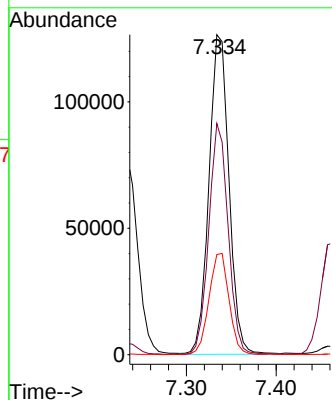
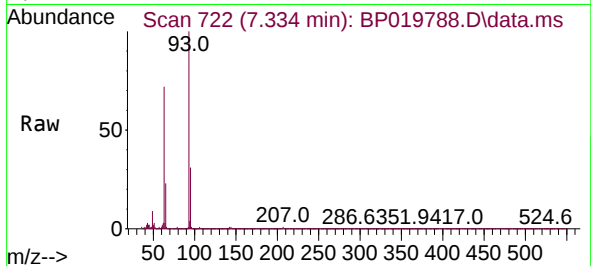




#11
bis(2-Chloroethyl)ether
Concen: 41.861 ng
RT: 7.334 min Scan# 719
Delta R.T. -0.006 min
Lab File: BP019788.D
Acq: 20 Feb 2024 16:28

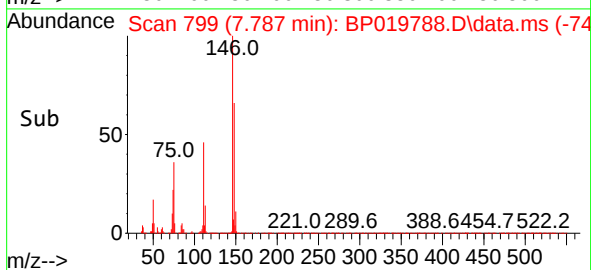
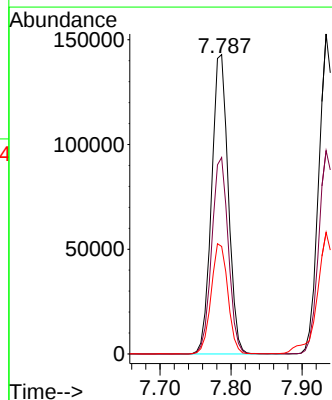
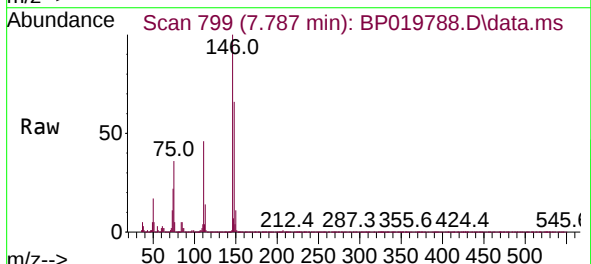
Instrument :
BNA_P
ClientSampleId :
ETGI-343MS

Tgt Ion: 93 Resp: 196002
Ion Ratio Lower Upper
93 100
63 72.2 51.2 91.2
95 31.3 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 41.404 ng
RT: 7.787 min Scan# 799
Delta R.T. -0.000 min
Lab File: BP019788.D
Acq: 20 Feb 2024 16:28

Tgt Ion:146 Resp: 232936
Ion Ratio Lower Upper
146 100
148 65.7 50.4 75.6
75 35.9 29.9 44.9

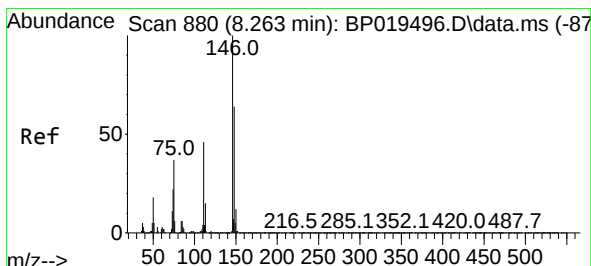
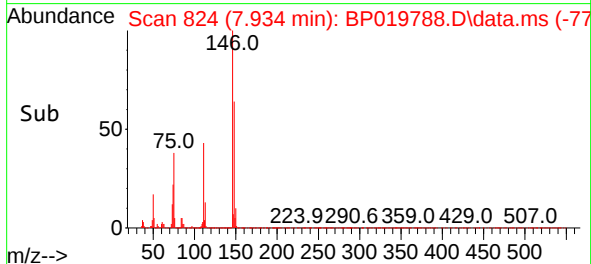
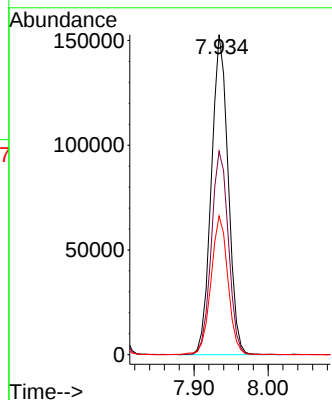
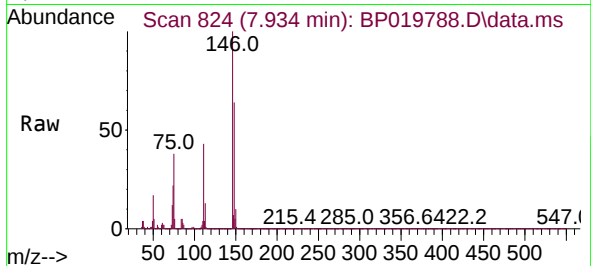




#13
1,4-Dichlorobenzene
Concen: 42.192 ng
RT: 7.934 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP019788.D
Acq: 20 Feb 2024 16:28

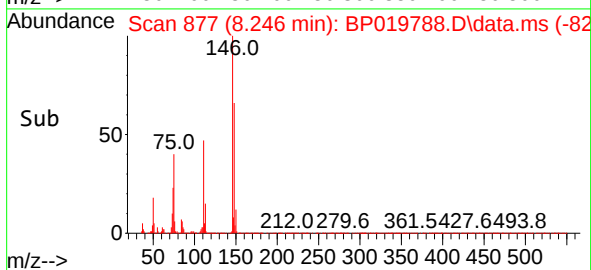
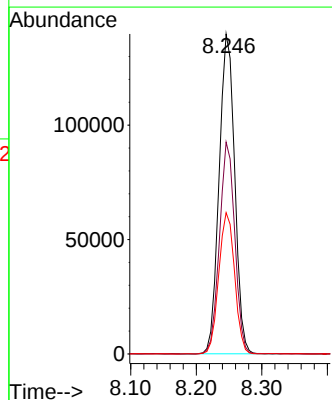
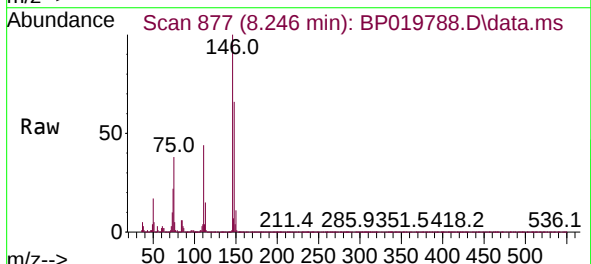
Instrument :
BNA_P
ClientSampleId :
ETGI-343MS

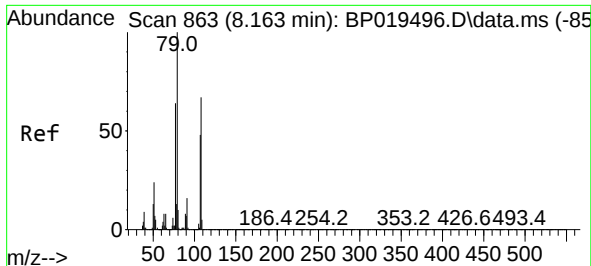
Tgt Ion:146 Resp: 240486
Ion Ratio Lower Upper
146 100
148 63.5 51.9 77.9
111 43.4 35.8 53.6



#14
1,2-Dichlorobenzene
Concen: 41.711 ng
RT: 8.246 min Scan# 877
Delta R.T. -0.006 min
Lab File: BP019788.D
Acq: 20 Feb 2024 16:28

Tgt Ion:146 Resp: 230031
Ion Ratio Lower Upper
146 100
148 66.2 51.4 77.0
111 44.1 37.0 55.6

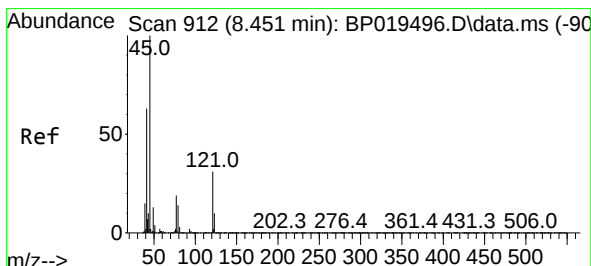
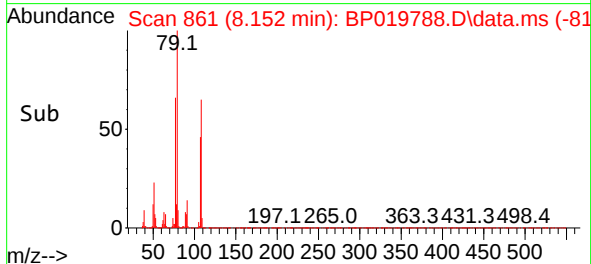
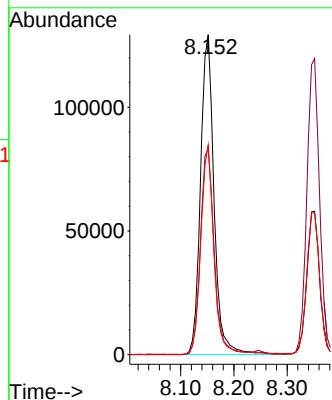
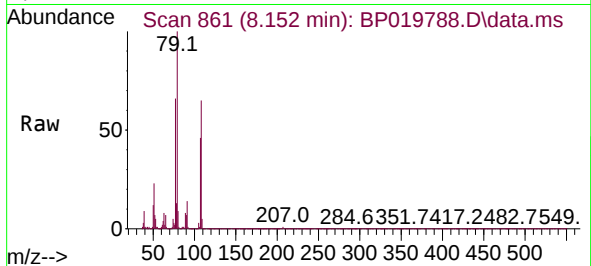




#15
Benzyl Alcohol
Concen: 47.166 ng
RT: 8.152 min Scan# 80
Delta R.T. -0.000 min
Lab File: BP019788.D
Acq: 20 Feb 2024 16:28

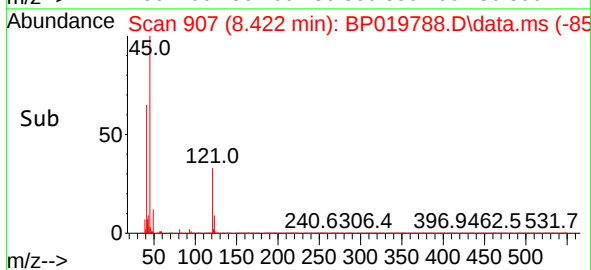
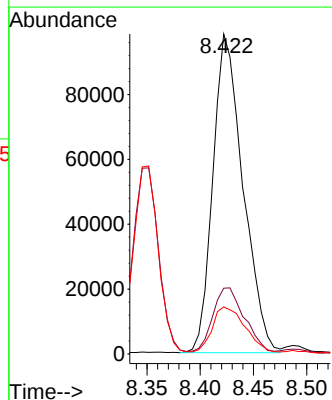
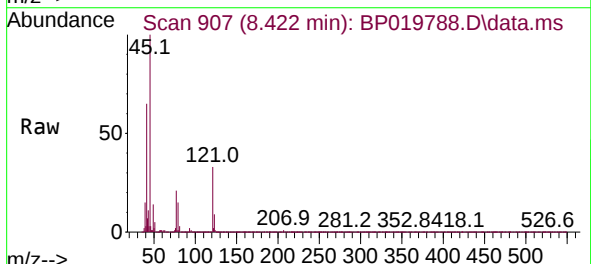
Instrument :
BNA_P
ClientSampleId :
ETGI-343MS

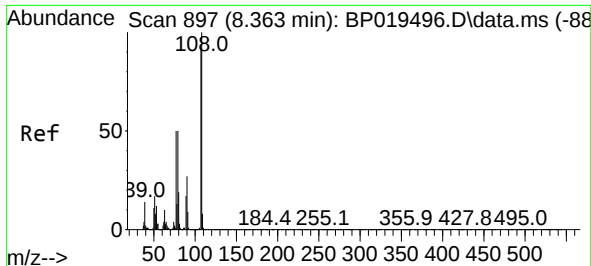
Tgt Ion: 79 Resp: 227562
Ion Ratio Lower Upper
79 100
108 64.5 53.8 80.6
77 65.6 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.272 ng
RT: 8.422 min Scan# 907
Delta R.T. -0.018 min
Lab File: BP019788.D
Acq: 20 Feb 2024 16:28

Tgt Ion: 45 Resp: 193244
Ion Ratio Lower Upper
45 100
77 20.6 0.8 40.8
79 14.7 0.0 35.5

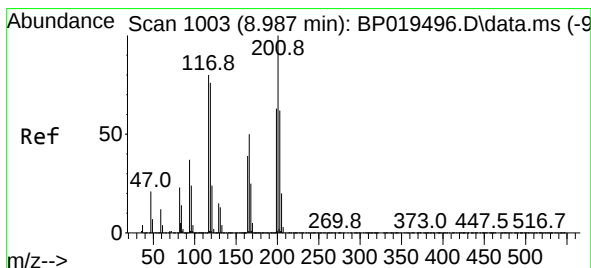
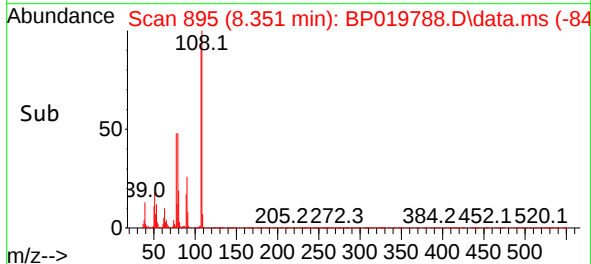
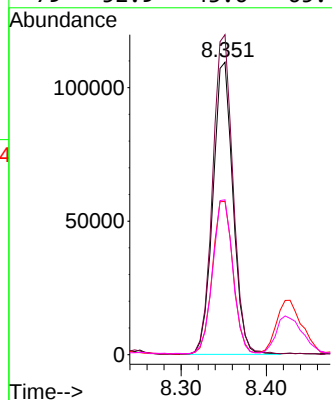
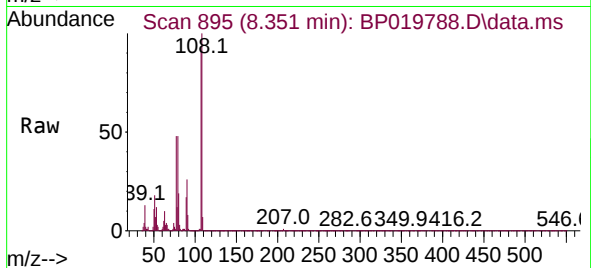




#17
2-Methylphenol
Concen: 44.090 ng
RT: 8.351 min Scan# 895
Delta R.T. 0.006 min
Lab File: BP019788.D
Acq: 20 Feb 2024 16:28

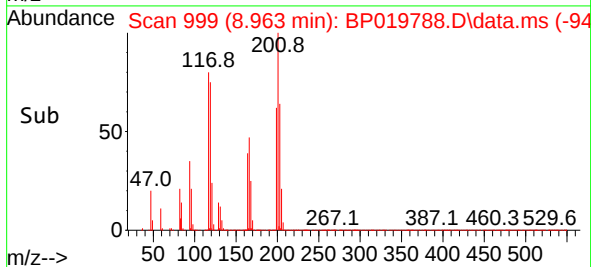
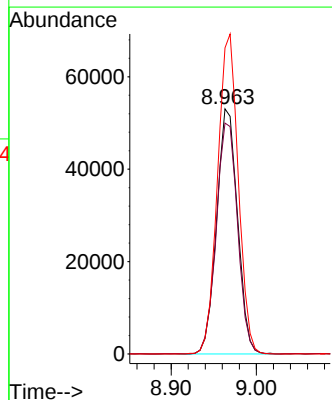
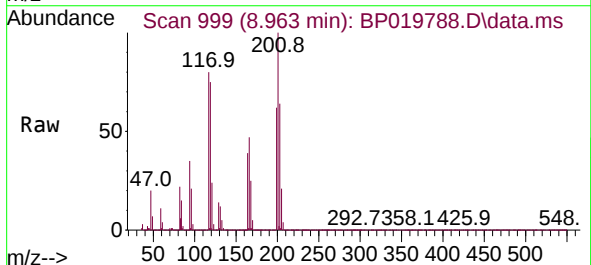
Instrument :
BNA_P
ClientSampleId :
ETGI-343MS

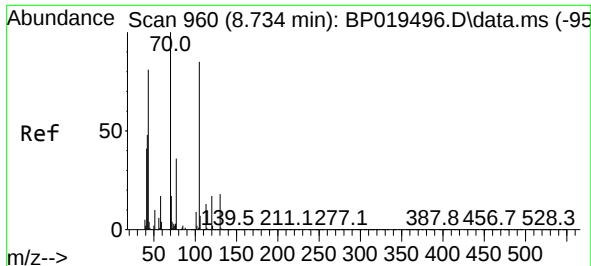
Tgt Ion:	107	Resp:	178646
Ion	Ratio	Lower	Upper
107	100		
108	109.4	87.0	130.6
77	52.4	43.5	65.3
79	52.9	43.6	65.4



#18
Hexachloroethane
Concen: 40.965 ng
RT: 8.963 min Scan# 999
Delta R.T. -0.006 min
Lab File: BP019788.D
Acq: 20 Feb 2024 16:28

Tgt Ion:	117	Resp:	90505
Ion	Ratio	Lower	Upper
117	100		
119	94.2	75.5	113.3
201	124.9	99.4	149.2

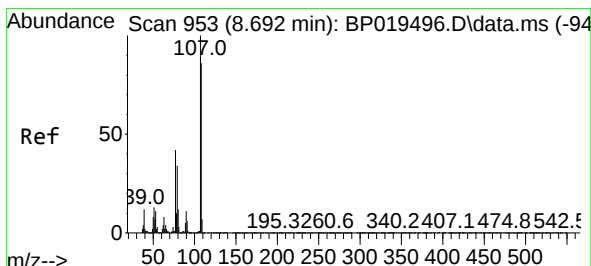
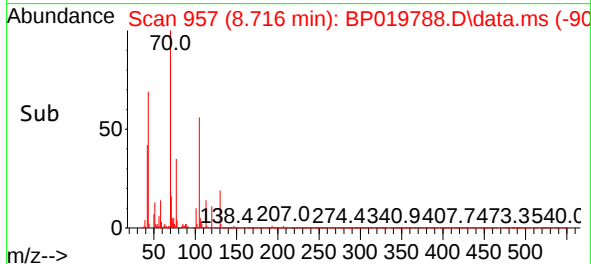
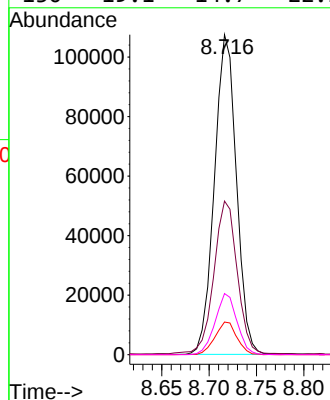
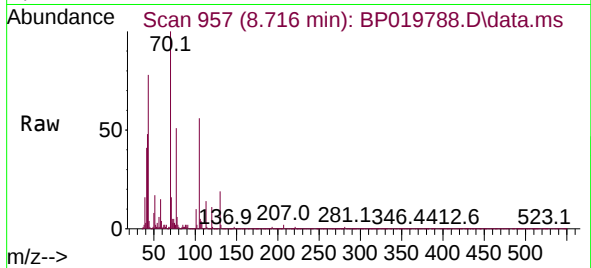




#19
n-Nitroso-di-n-propylamine
Concen: 42.100 ng
RT: 8.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP019788.D
Acq: 20 Feb 2024 16:28

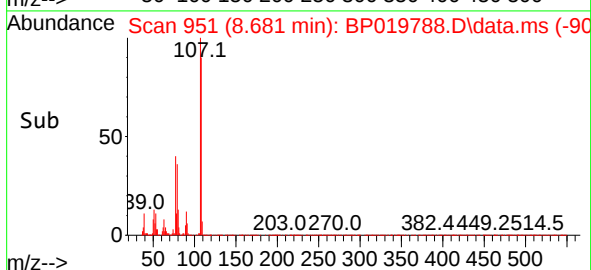
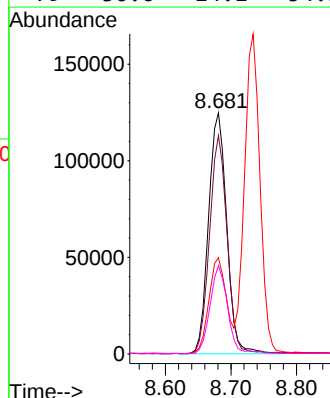
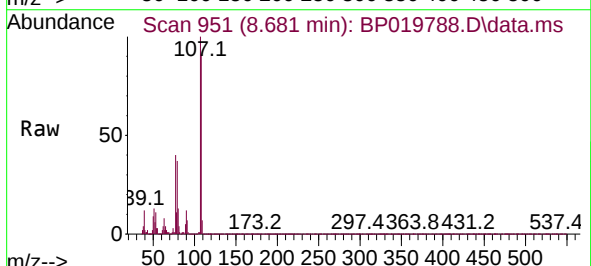
Instrument :
BNA_P
ClientSampleId :
ETGI-343MS

Tgt Ion: 70 Resp: 173644
Ion Ratio Lower Upper
70 100
42 48.0 39.2 58.8
101 10.2 7.3 10.9
130 19.1 14.7 22.1



#20
3+4-Methylphenols
Concen: 43.475 ng
RT: 8.681 min Scan# 951
Delta R.T. -0.000 min
Lab File: BP019788.D
Acq: 20 Feb 2024 16:28

Tgt Ion: 107 Resp: 240407
Ion Ratio Lower Upper
107 100
108 90.6 65.5 105.5
77 40.0 21.8 61.8
79 36.6 14.1 54.1

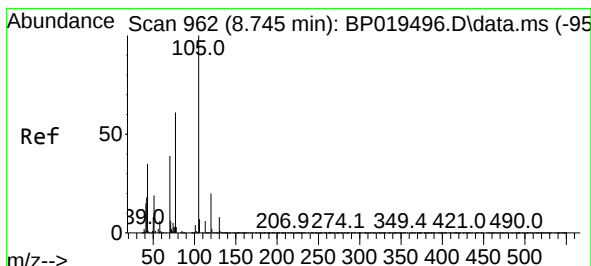
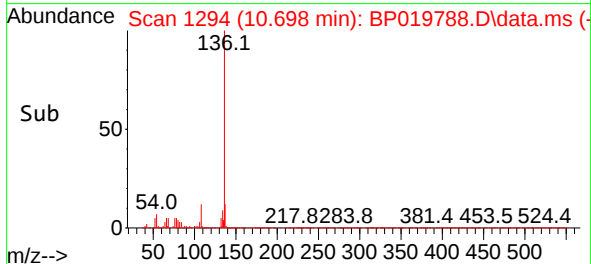
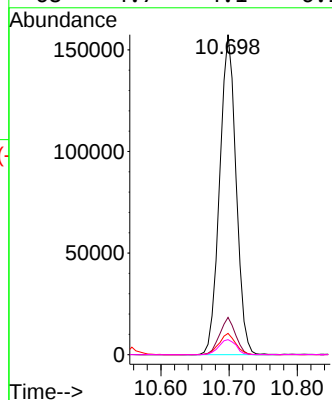
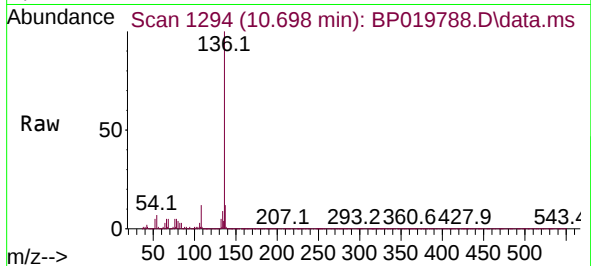




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.698 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP019788.D
Acq: 20 Feb 2024 16:28

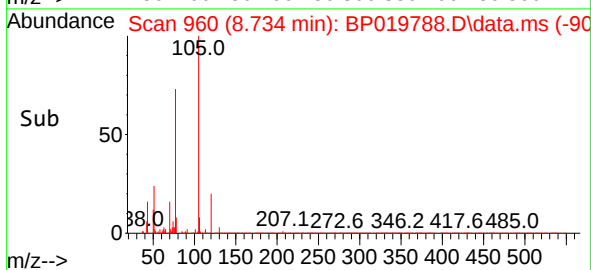
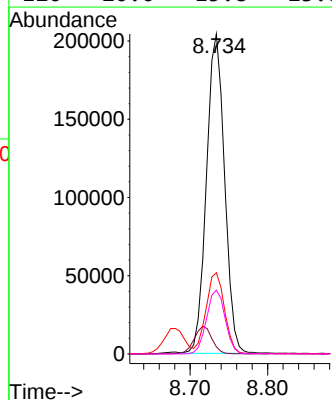
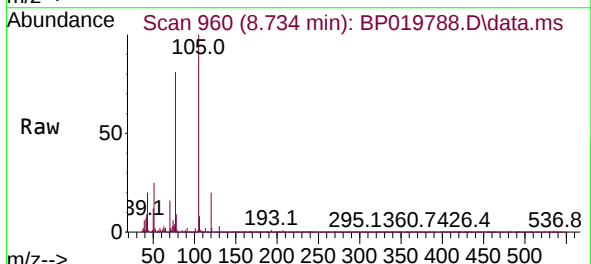
Instrument :
BNA_P
ClientSampleId :
ETGI-343MS

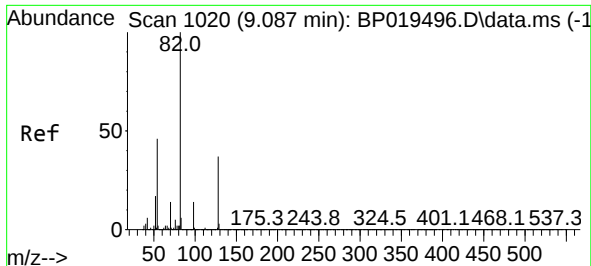
Tgt Ion:	136	Resp:	263993
Ion Ratio	Lower	Upper	
136	100		
137	11.6	8.8	13.2
54	6.7	5.3	7.9
68	4.7	4.1	6.1



#22
Acetophenone
Concen: 44.006 ng
RT: 8.734 min Scan# 960
Delta R.T. -0.000 min
Lab File: BP019788.D
Acq: 20 Feb 2024 16:28

Tgt Ion:	105	Resp:	330960
Ion Ratio	Lower	Upper	
105	100		
71	2.3	4.9	7.3
51	25.4	20.7	31.1
120	20.0	15.8	23.8





#23

Nitrobenzene-d5

Concen: 85.104 ng

RT: 9.069 min Scan# 1017

Delta R.T. -0.000 min

Lab File: BP019788.D

Acq: 20 Feb 2024 16:28

Instrument :

BNA_P

ClientSampleId :

ETGI-343MS

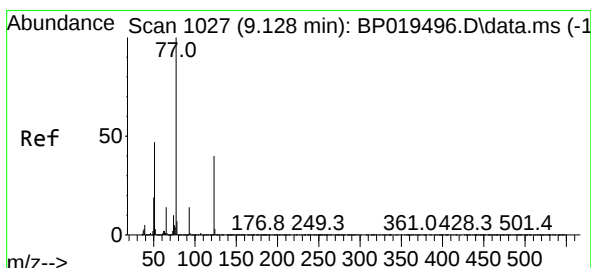
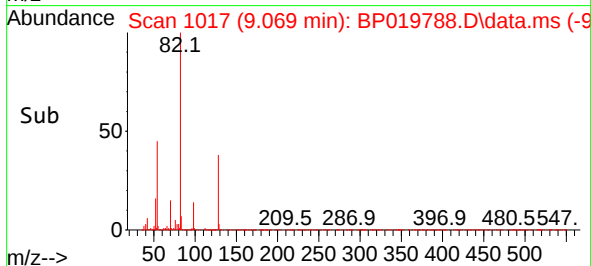
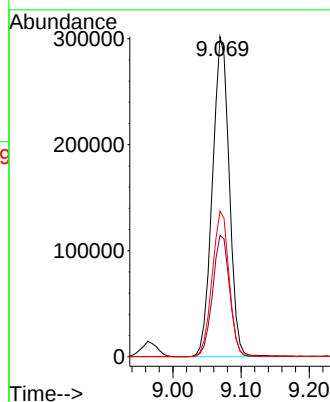
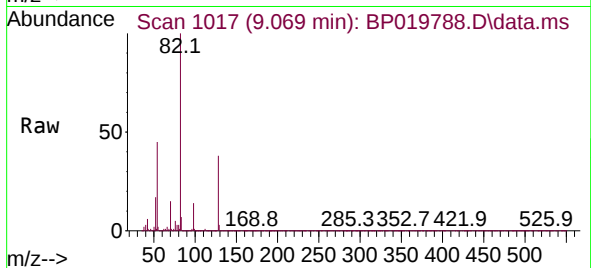
Tgt Ion: 82 Resp: 518486

Ion Ratio Lower Upper

82 100

128 37.9 29.7 44.5

54 45.5 36.8 55.2



#24

Nitrobenzene

Concen: 41.599 ng

RT: 9.110 min Scan# 1024

Delta R.T. -0.006 min

Lab File: BP019788.D

Acq: 20 Feb 2024 16:28

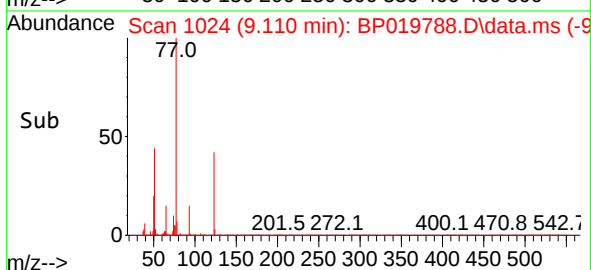
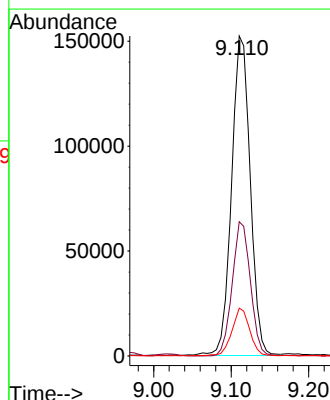
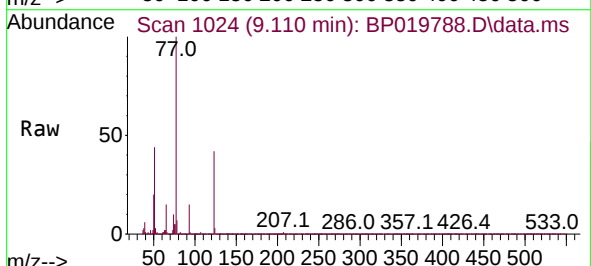
Tgt Ion: 77 Resp: 255171

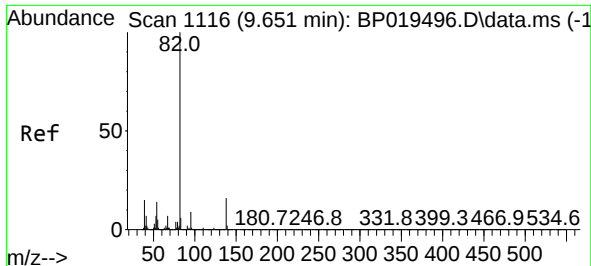
Ion Ratio Lower Upper

77 100

123 42.0 32.3 48.5

65 15.0 11.6 17.4

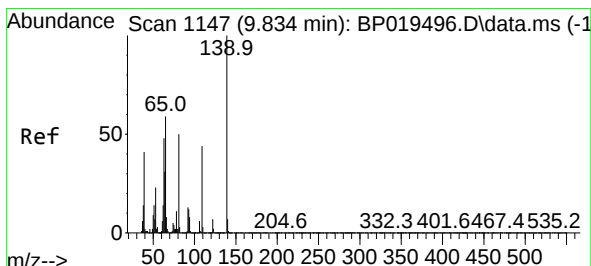
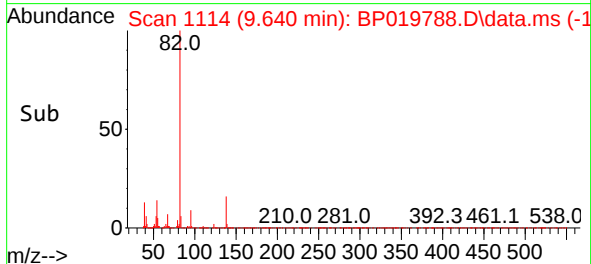
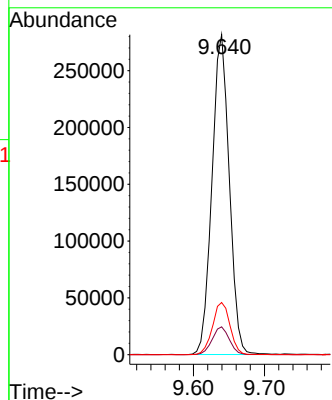
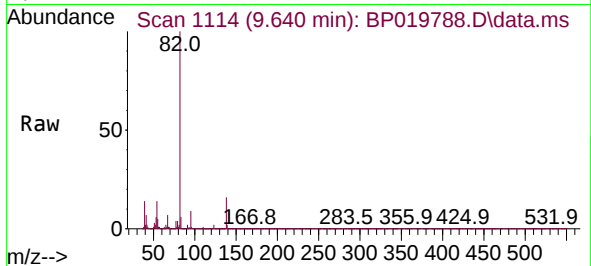




#25
Isophorone
Concen: 44.803 ng
RT: 9.640 min Scan# 1116
Delta R.T. -0.000 min
Lab File: BP019788.D
Acq: 20 Feb 2024 16:28

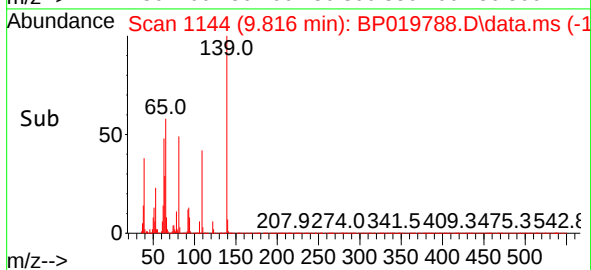
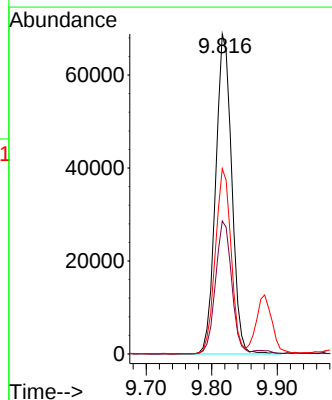
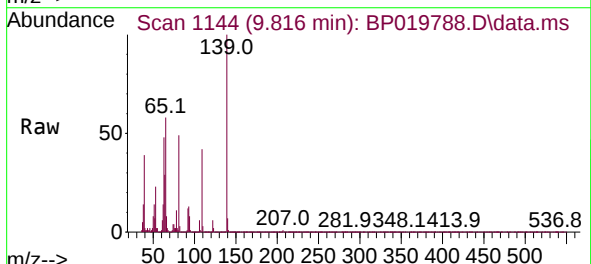
Instrument :
BNA_P
ClientSampleId :
ETGI-343MS

Tgt Ion: 82 Resp: 475372
Ion Ratio Lower Upper
82 100
95 8.7 7.0 10.4
138 16.3 13.1 19.7



#26
2-Nitrophenol
Concen: 50.101 ng
RT: 9.816 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BP019788.D
Acq: 20 Feb 2024 16:28

Tgt Ion: 139 Resp: 117181
Ion Ratio Lower Upper
139 100
109 41.6 34.9 52.3
65 57.9 47.5 71.3

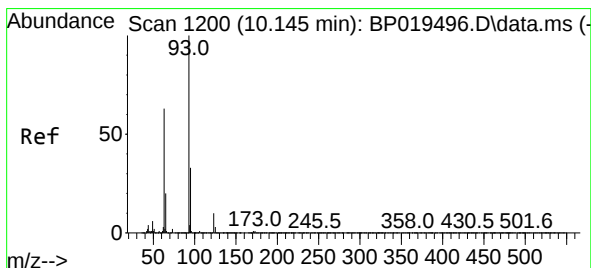
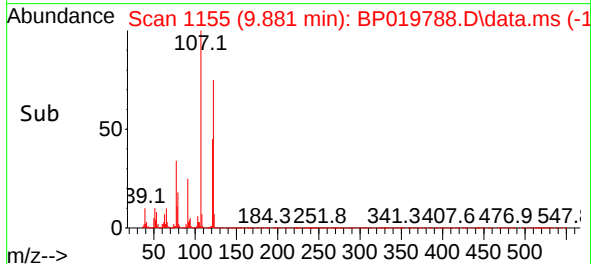
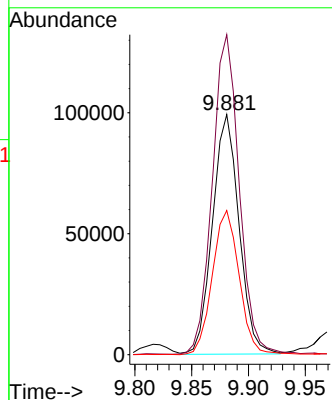
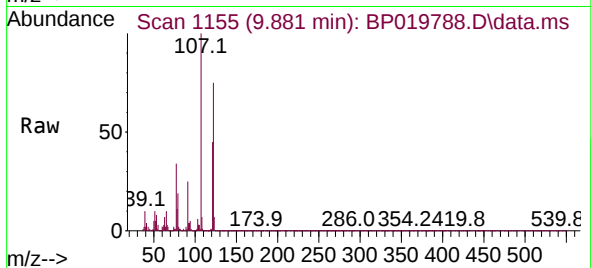




#27
2,4-Dimethylphenol
Concen: 53.848 ng
RT: 9.881 min Scan# 1155
Delta R.T. -0.000 min
Lab File: BP019788.D
Acq: 20 Feb 2024 16:28

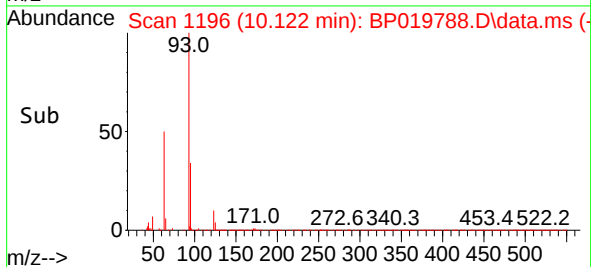
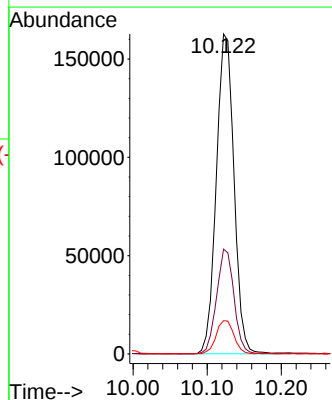
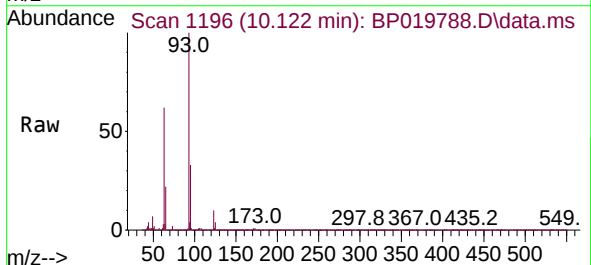
Instrument :
BNA_P
ClientSampleId :
ETGI-343MS

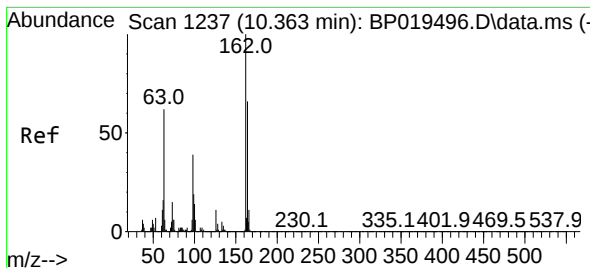
Tgt Ion:122 Resp: 161046
Ion Ratio Lower Upper
122 100
107 133.2 105.9 158.9
121 60.0 47.5 71.3



#28
bis(2-Chloroethoxy)methane
Concen: 44.925 ng
RT: 10.122 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BP019788.D
Acq: 20 Feb 2024 16:28

Tgt Ion: 93 Resp: 269691
Ion Ratio Lower Upper
93 100
95 32.8 26.2 39.4
123 10.4 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 50.085 ng

RT: 10.351 min Scan# 1235

Delta R.T. -0.000 min

Lab File: BP019788.D

Acq: 20 Feb 2024 16:28

Instrument :

BNA_P

ClientSampleId :

ETGI-343MS

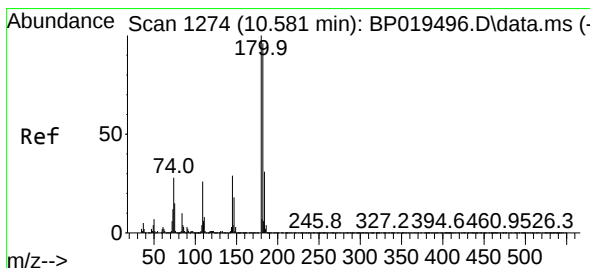
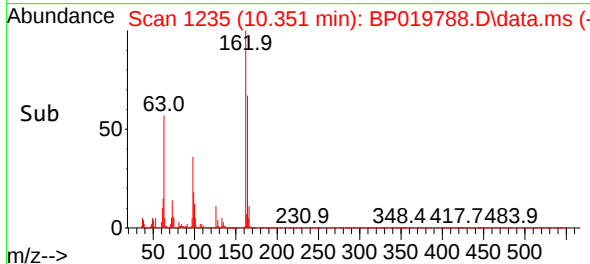
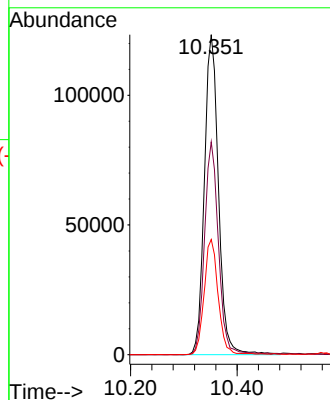
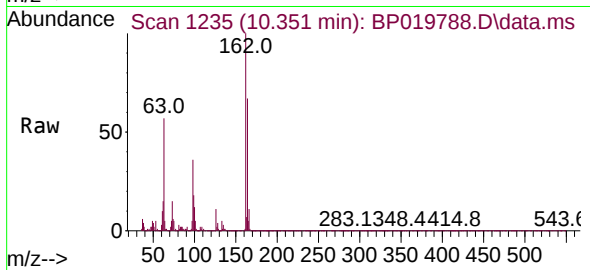
Tgt Ion:162 Resp: 226431

Ion Ratio Lower Upper

162 100

164 66.5 46.0 86.0

98 36.0 18.7 58.7



#30

1,2,4-Trichlorobenzene

Concen: 45.452 ng

RT: 10.563 min Scan# 1271

Delta R.T. -0.000 min

Lab File: BP019788.D

Acq: 20 Feb 2024 16:28

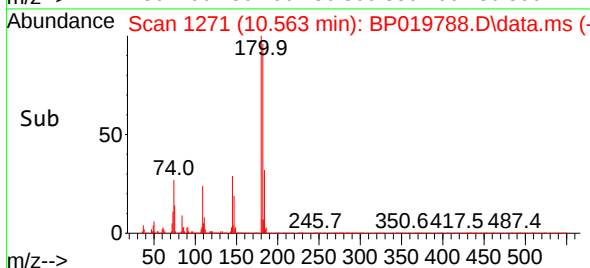
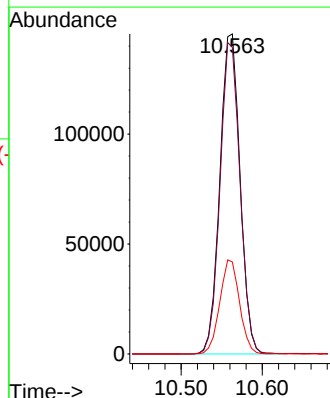
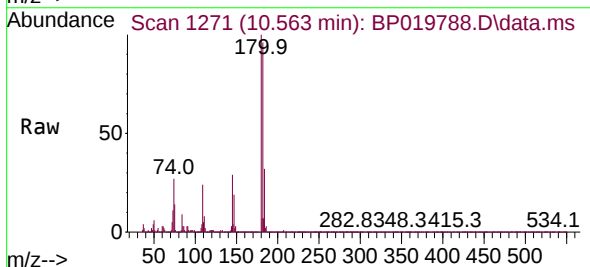
Tgt Ion:180 Resp: 251950

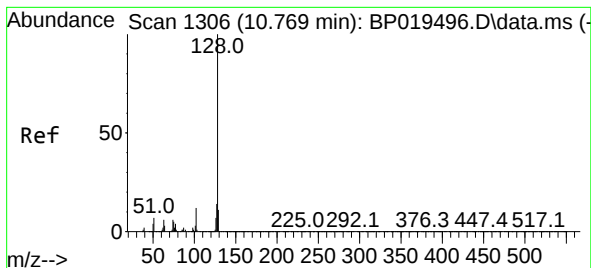
Ion Ratio Lower Upper

180 100

182 95.8 77.0 115.6

145 28.8 23.2 34.8

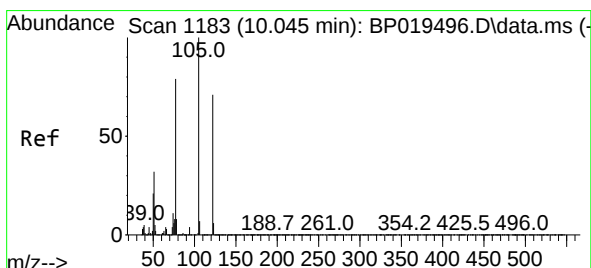
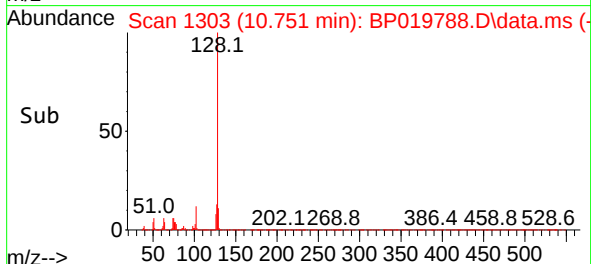
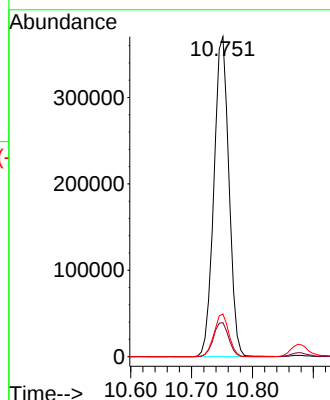
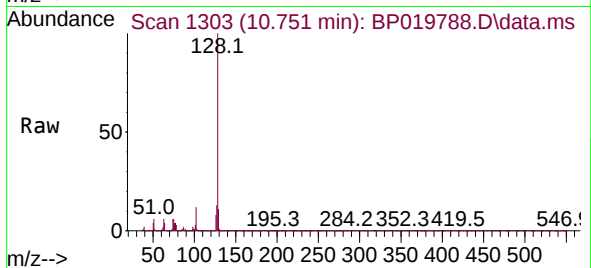




#31
Naphthalene
Concen: 43.713 ng
RT: 10.751 min Scan# 1174
Delta R.T. -0.000 min
Lab File: BP019788.D
Acq: 20 Feb 2024 16:28

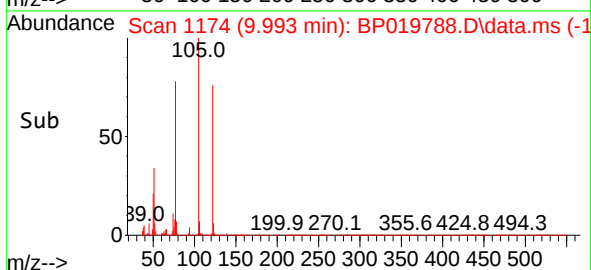
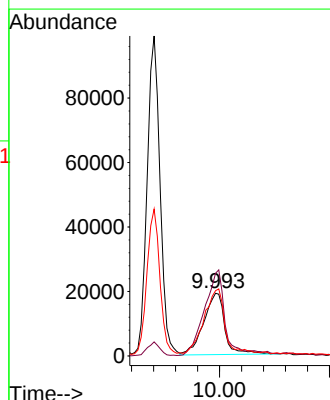
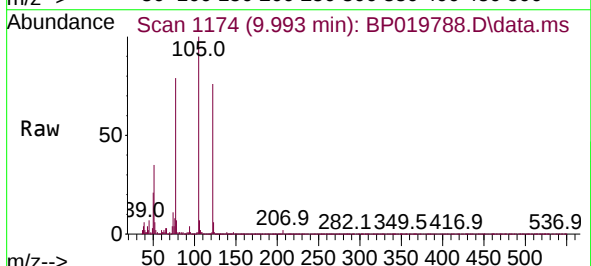
Instrument :
BNA_P
ClientSampleId :
ETGI-343MS

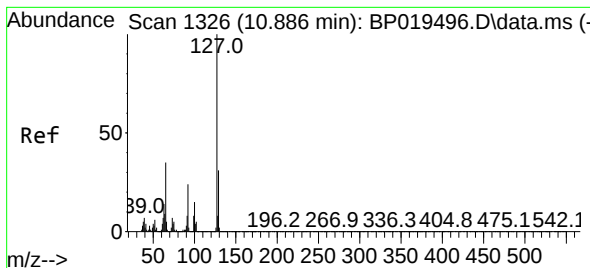
Tgt Ion:128 Resp: 632918
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 17.427 ng
RT: 9.993 min Scan# 1174
Delta R.T. -0.035 min
Lab File: BP019788.D
Acq: 20 Feb 2024 16:28

Tgt Ion:122 Resp: 50780
Ion Ratio Lower Upper
122 100
105 131.9 118.8 158.8
77 104.1 91.7 131.7





#33

4-Chloroaniline

Concen: 5.672 ng

RT: 10.875 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP019788.D

Acq: 20 Feb 2024 16:28

Instrument :

BNA_P

ClientSampleId :

ETGI-343MS

Tgt Ion:127 Resp: 30371

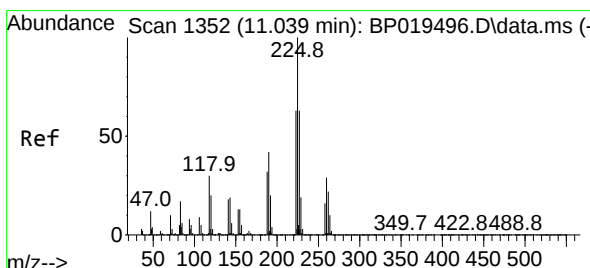
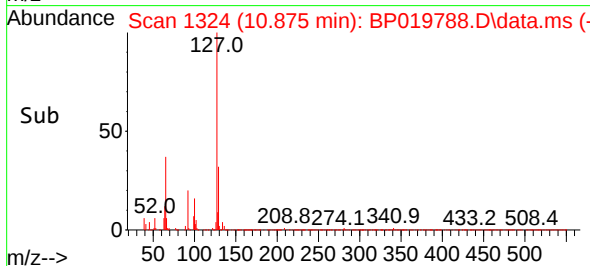
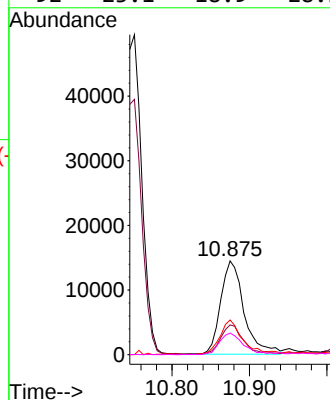
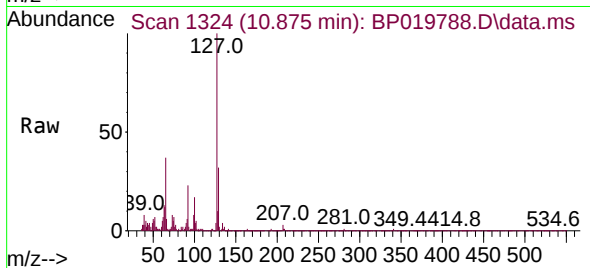
Ion Ratio Lower Upper

127 100

129 31.8 24.6 36.8

65 37.1 28.2 42.4

92 23.1 18.9 28.3



#34

Hexachlorobutadiene

Concen: 44.692 ng

RT: 11.016 min Scan# 1348

Delta R.T. -0.006 min

Lab File: BP019788.D

Acq: 20 Feb 2024 16:28

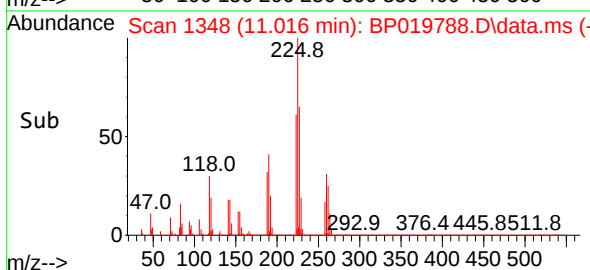
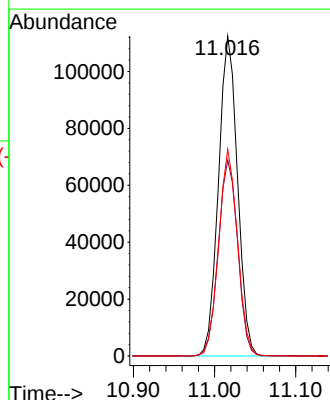
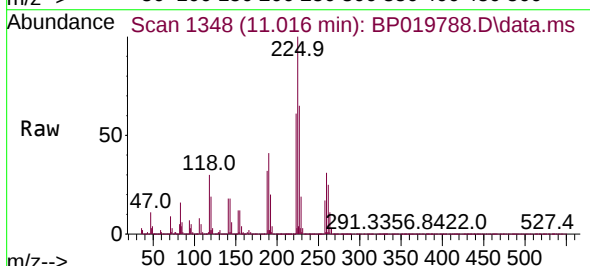
Tgt Ion:225 Resp: 183583

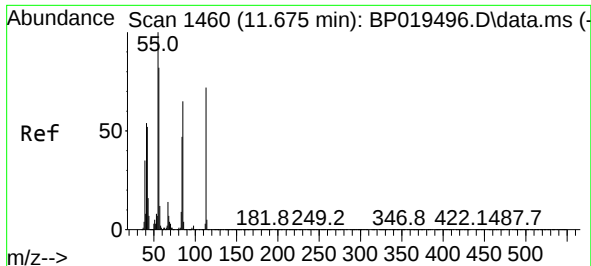
Ion Ratio Lower Upper

225 100

223 61.2 50.5 75.7

227 64.5 50.2 75.2

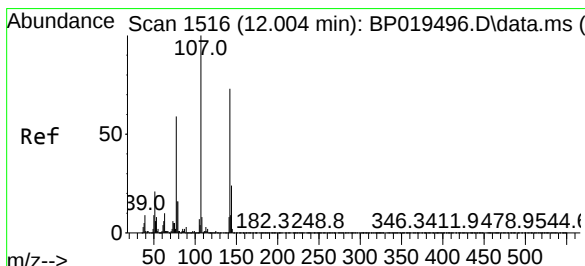
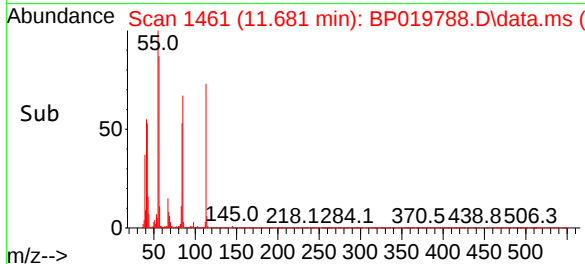
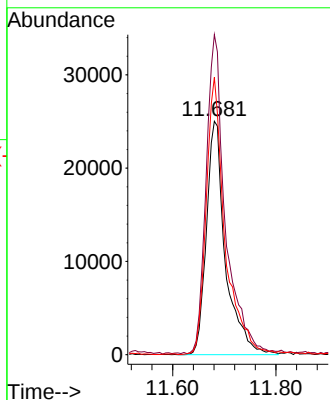
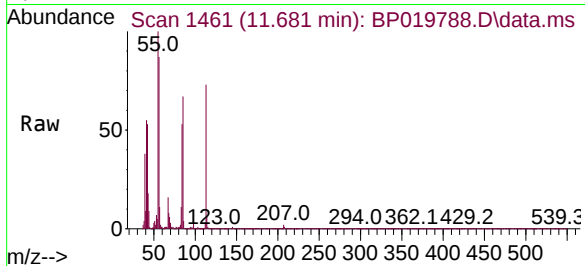




#35
Caprolactam
Concen: 49.991 ng
RT: 11.681 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BP019788.D
Acq: 20 Feb 2024 16:28

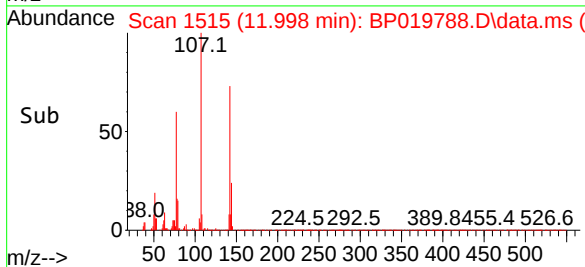
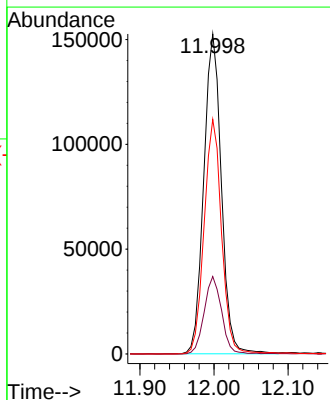
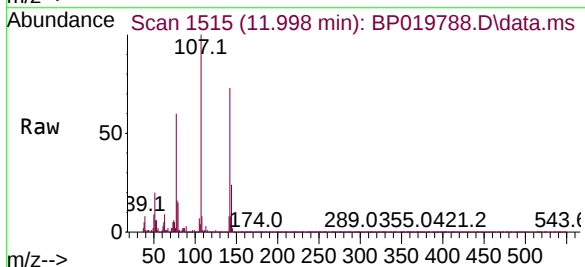
Instrument :
BNA_P
ClientSampleId :
ETGI-343MS

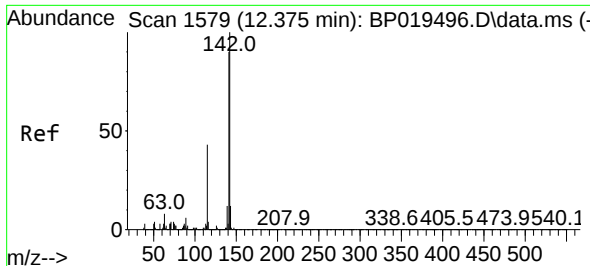
Tgt Ion:113 Resp: 63981
Ion Ratio Lower Upper
113 100
55 137.1 120.0 160.0
56 118.8 94.0 134.0



#36
4-Chloro-3-methylphenol
Concen: 51.054 ng
RT: 11.998 min Scan# 1515
Delta R.T. -0.000 min
Lab File: BP019788.D
Acq: 20 Feb 2024 16:28

Tgt Ion:107 Resp: 251674
Ion Ratio Lower Upper
107 100
144 24.2 19.0 28.4
142 73.3 58.6 88.0

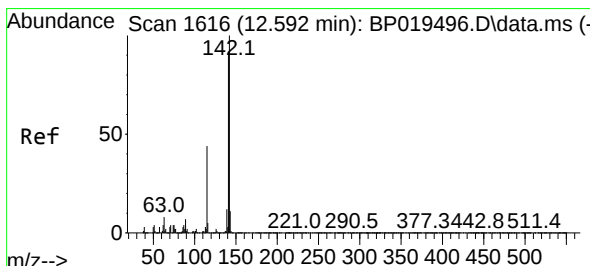
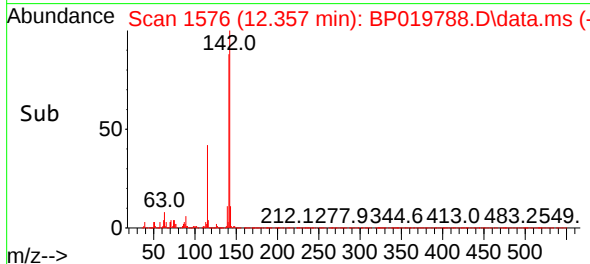
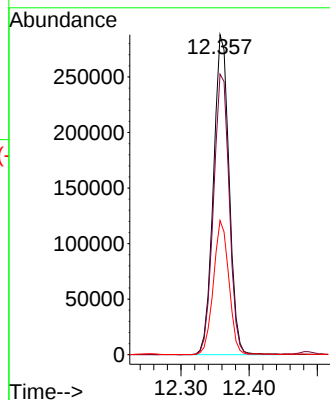
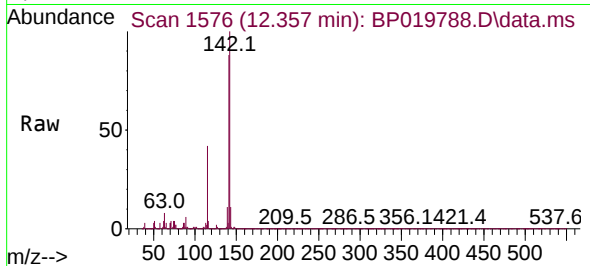




#37
2-Methylnaphthalene
Concen: 46.066 ng
RT: 12.357 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP019788.D
Acq: 20 Feb 2024 16:28

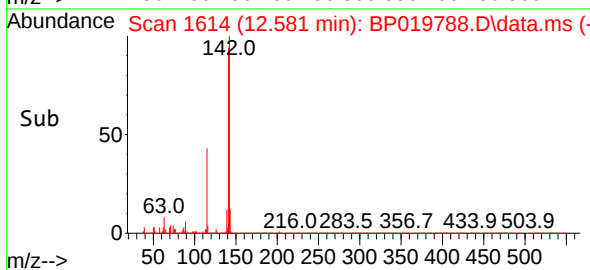
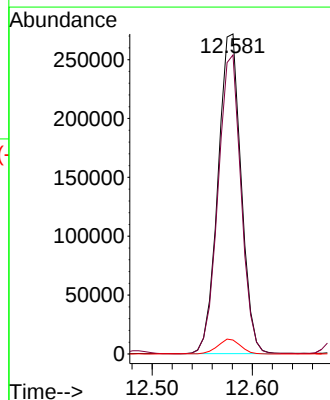
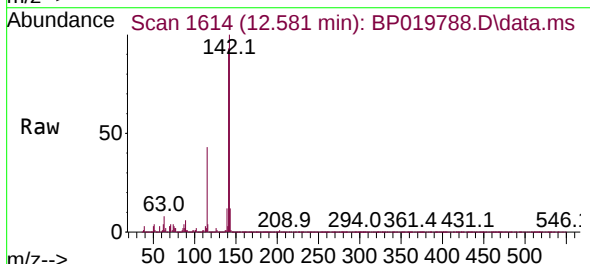
Instrument :
BNA_P
ClientSampleId :
ETGI-343MS

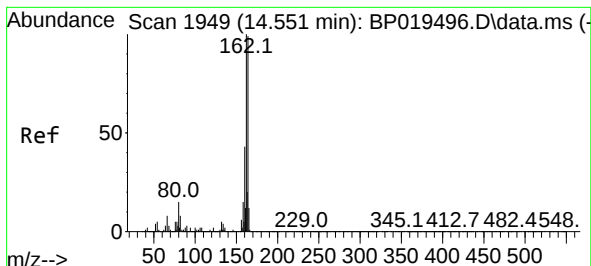
Tgt Ion:142 Resp: 461582
Ion Ratio Lower Upper
142 100
141 87.6 72.2 108.4
115 41.9 34.2 51.2



#38
1-Methylnaphthalene
Concen: 44.199 ng
RT: 12.581 min Scan# 1614
Delta R.T. -0.000 min
Lab File: BP019788.D
Acq: 20 Feb 2024 16:28

Tgt Ion:142 Resp: 435222
Ion Ratio Lower Upper
142 100
141 93.5 74.0 111.0
116 4.3 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: BP019788.D

Acq: 20 Feb 2024 16:28

Instrument :

BNA_P

ClientSampleId :

ETGI-343MS

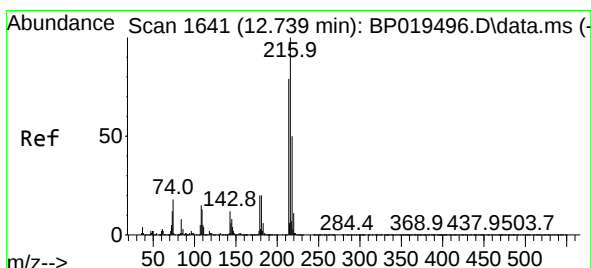
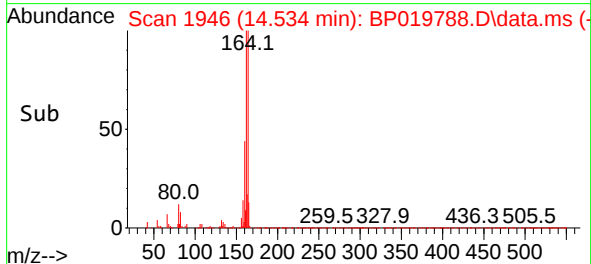
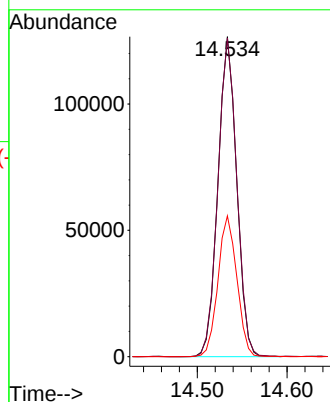
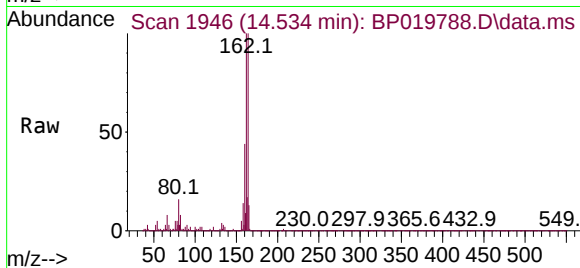
Tgt Ion:164 Resp: 183561

Ion Ratio Lower Upper

164 100

162 99.6 81.2 121.8

160 44.0 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.687 ng

RT: 12.722 min Scan# 1638

Delta R.T. -0.006 min

Lab File: BP019788.D

Acq: 20 Feb 2024 16:28

Tgt Ion:216 Resp: 330508

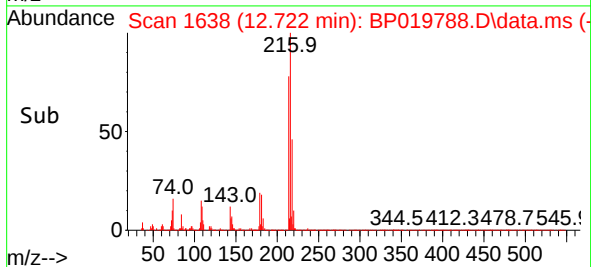
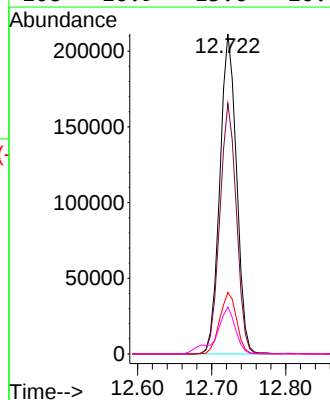
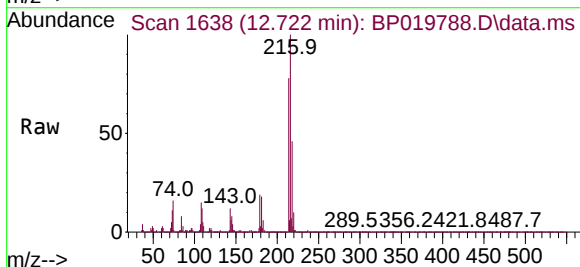
Ion Ratio Lower Upper

216 100

214 78.2 62.8 94.2

179 19.4 16.6 24.8

108 16.9 13.6 20.4





#41

Hexachlorocyclopentadiene

Concen: 100.785 ng

RT: 12.687 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP019788.D

Acq: 20 Feb 2024 16:28

Instrument :

BNA_P

ClientSampleId :

ETGI-343MS

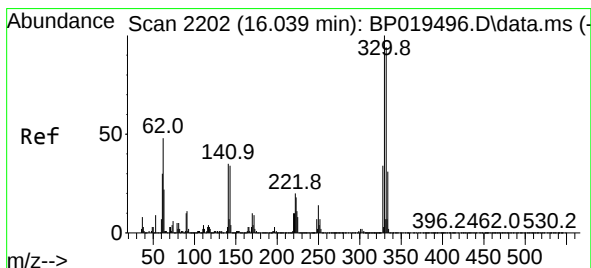
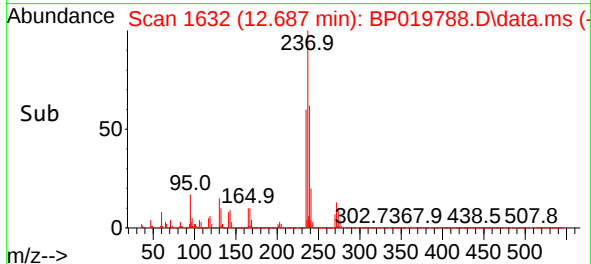
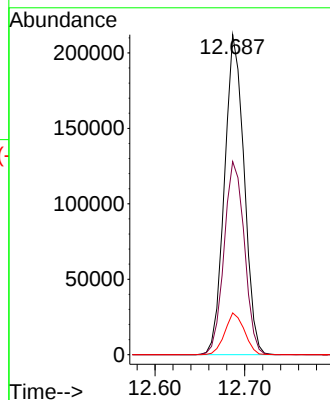
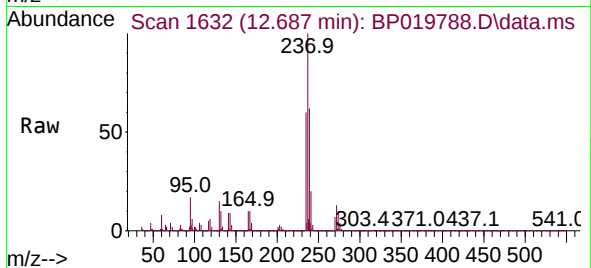
Tgt Ion:237 Resp: 322315

Ion Ratio Lower Upper

237 100

235 60.3 43.7 83.7

272 13.0 0.0 32.4



#42

2,4,6-Tribromophenol

Concen: 171.660 ng

RT: 16.033 min Scan# 2201

Delta R.T. -0.000 min

Lab File: BP019788.D

Acq: 20 Feb 2024 16:28

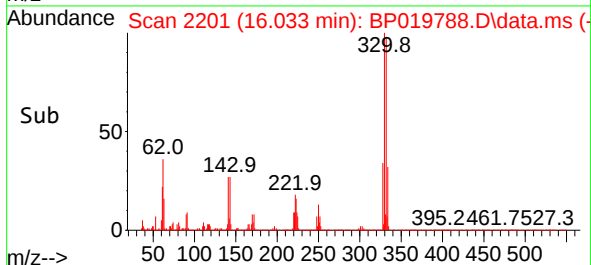
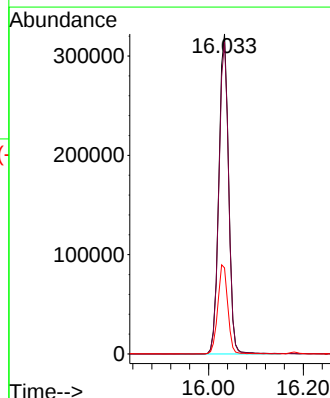
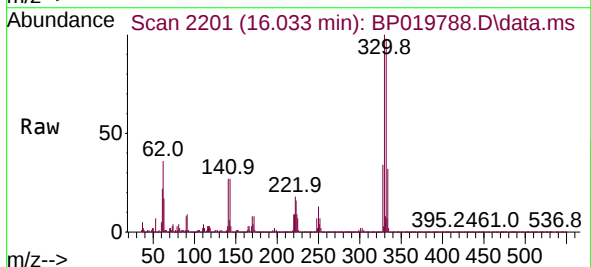
Tgt Ion:330 Resp: 460069

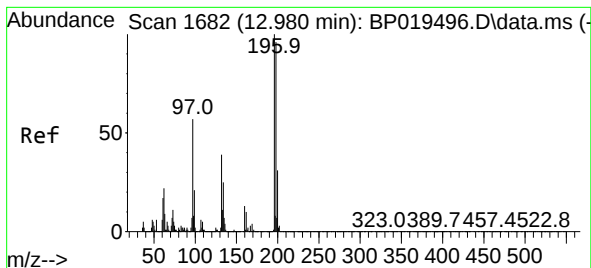
Ion Ratio Lower Upper

330 100

332 97.4 77.2 115.8

141 28.5 27.0 40.4





#43

2,4,6-Trichlorophenol

Concen: 49.817 ng

RT: 12.969 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP019788.D

Acq: 20 Feb 2024 16:28

Instrument :

BNA_P

ClientSampleId :

ETGI-343MS

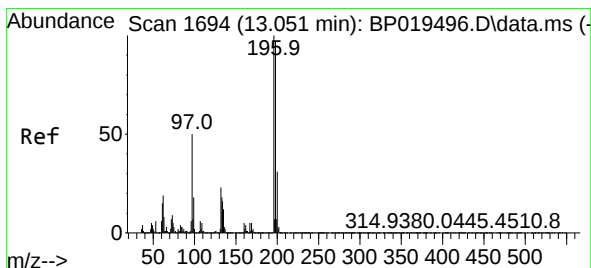
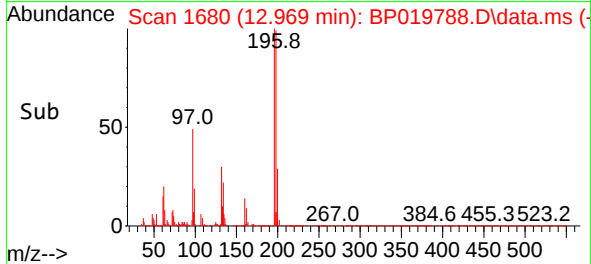
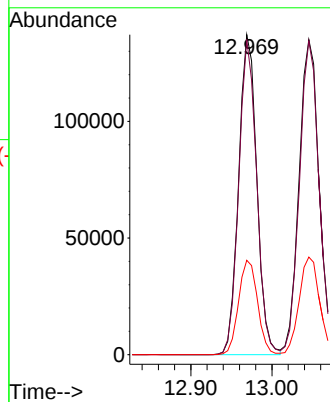
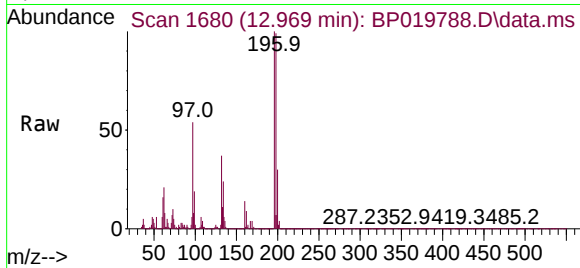
Tgt Ion:196 Resp: 213549

Ion Ratio Lower Upper

196 100

198 98.5 76.7 115.1

200 29.5 24.6 36.8



#44

2,4,5-Trichlorophenol

Concen: 49.685 ng

RT: 13.045 min Scan# 1693

Delta R.T. -0.000 min

Lab File: BP019788.D

Acq: 20 Feb 2024 16:28

Tgt Ion:196 Resp: 233870

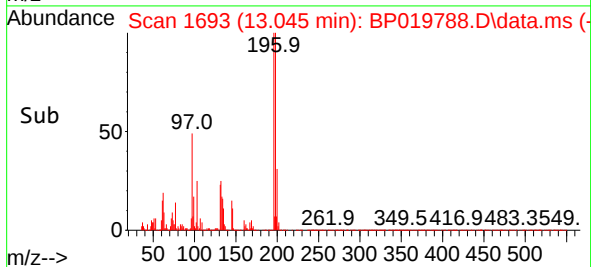
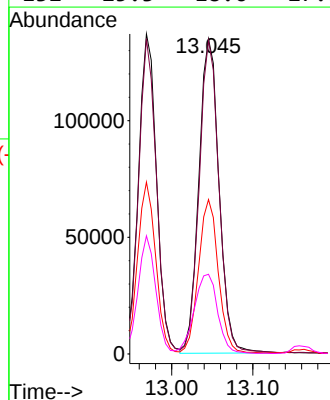
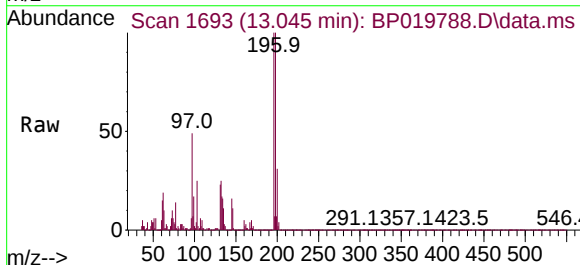
Ion Ratio Lower Upper

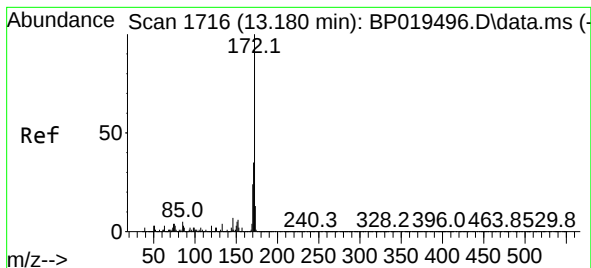
196 100

198 99.5 77.5 116.3

97 49.0 39.9 59.9

132 25.3 18.6 27.8





#45

2-Fluorobiphenyl

Concen: 82.918 ng

RT: 13.163 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP019788.D

Acq: 20 Feb 2024 16:28

Instrument :

BNA_P

ClientSampleId :

ETGI-343MS

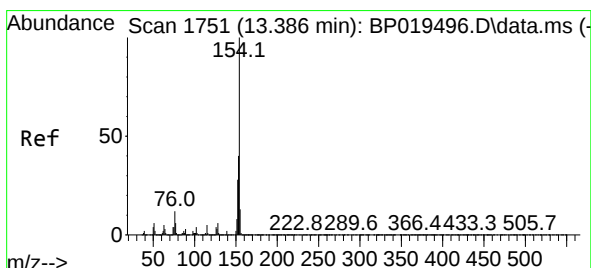
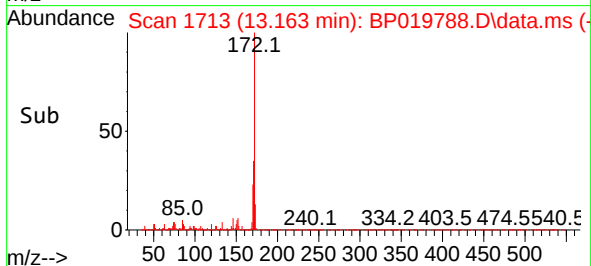
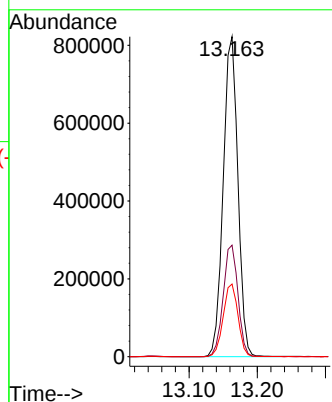
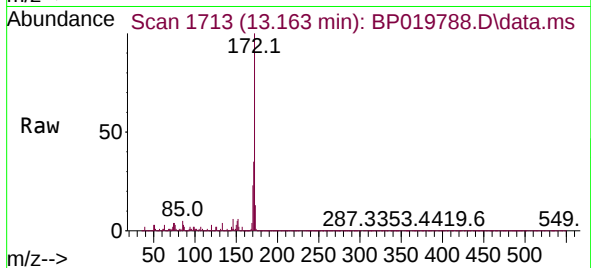
Tgt Ion:172 Resp: 1231199

Ion Ratio Lower Upper

172 100

171 34.8 28.2 42.4

170 22.7 18.9 28.3



#46

1,1'-Biphenyl

Concen: 43.653 ng

RT: 13.369 min Scan# 1748

Delta R.T. -0.006 min

Lab File: BP019788.D

Acq: 20 Feb 2024 16:28

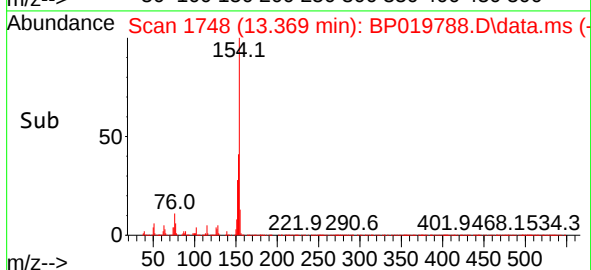
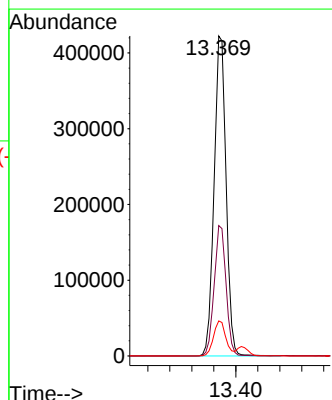
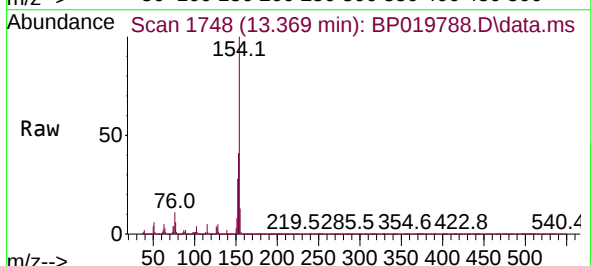
Tgt Ion:154 Resp: 639538

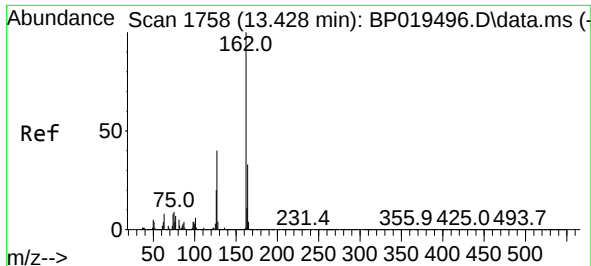
Ion Ratio Lower Upper

154 100

153 40.8 20.2 60.2

76 10.9 0.0 31.6

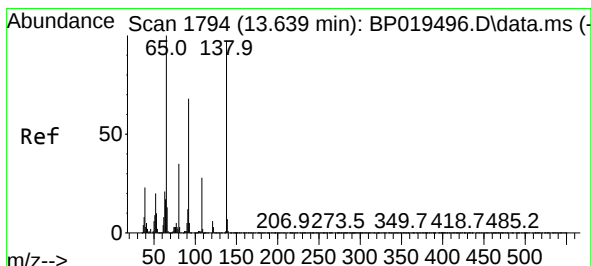
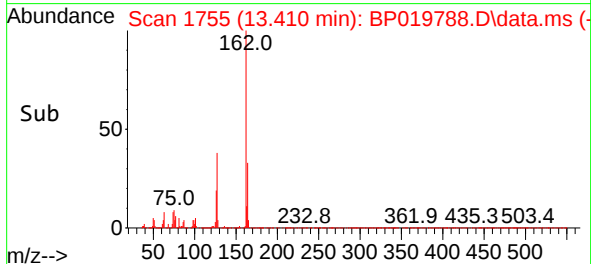
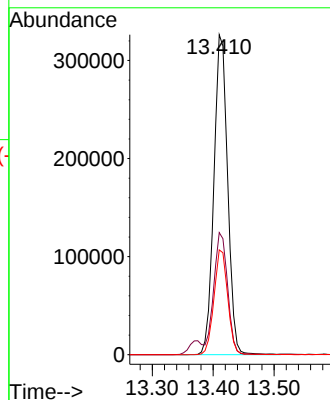
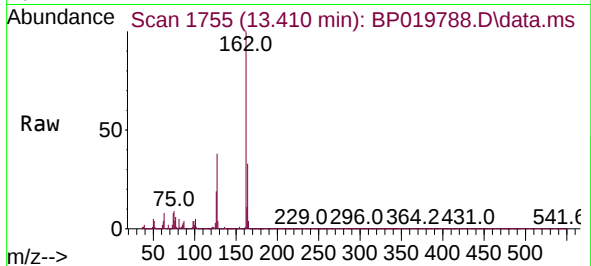




#47
2-Chloronaphthalene
Concen: 42.578 ng
RT: 13.410 min Scan# 1755
Delta R.T. -0.006 min
Lab File: BP019788.D
Acq: 20 Feb 2024 16:28

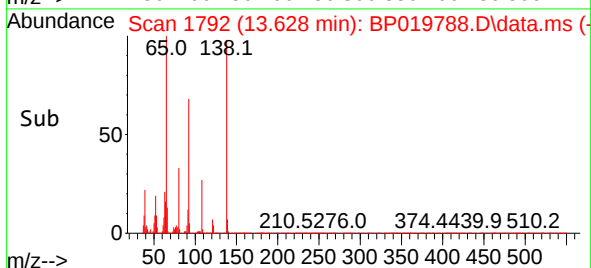
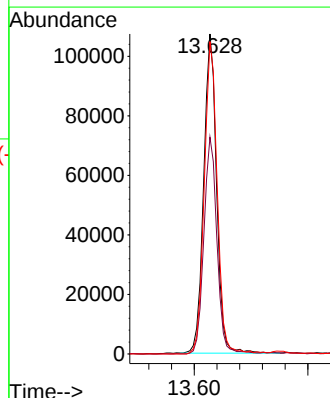
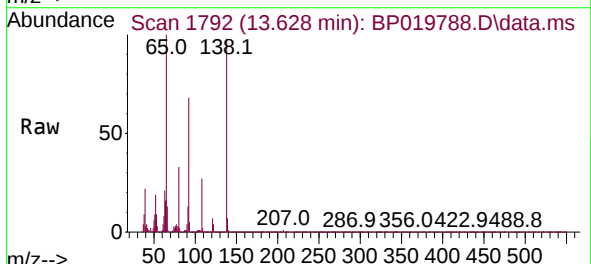
Instrument :
BNA_P
ClientSampleId :
ETGI-343MS

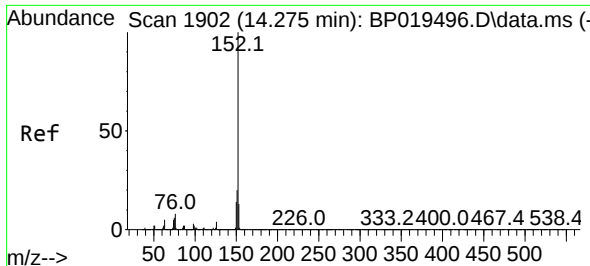
Tgt Ion:162 Resp: 512064
Ion Ratio Lower Upper
162 100
127 38.2 32.1 48.1
164 32.8 26.7 40.1



#48
2-Nitroaniline
Concen: 50.053 ng
RT: 13.628 min Scan# 1792
Delta R.T. -0.000 min
Lab File: BP019788.D
Acq: 20 Feb 2024 16:28

Tgt Ion: 65 Resp: 168322
Ion Ratio Lower Upper
65 100
92 67.8 54.7 82.1
138 97.7 77.8 116.6

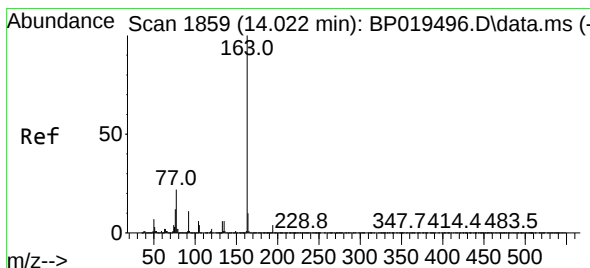
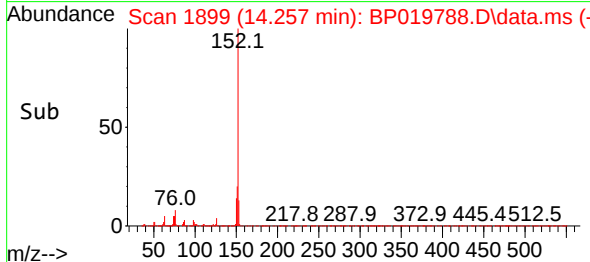
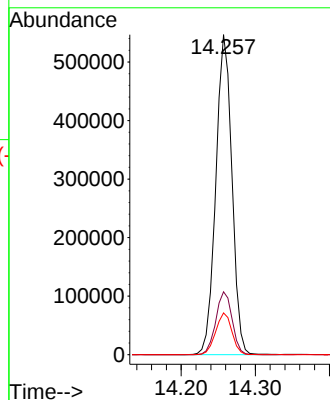
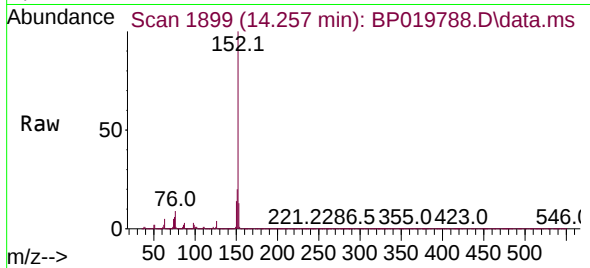




#49
Acenaphthylene
Concen: 48.875 ng
RT: 14.257 min Scan# 1899
Delta R.T. -0.006 min
Lab File: BP019788.D
Acq: 20 Feb 2024 16:28

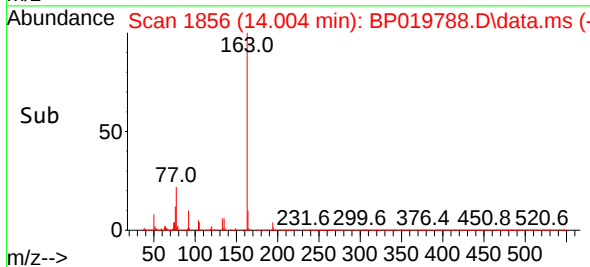
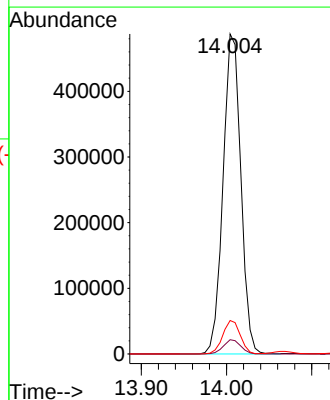
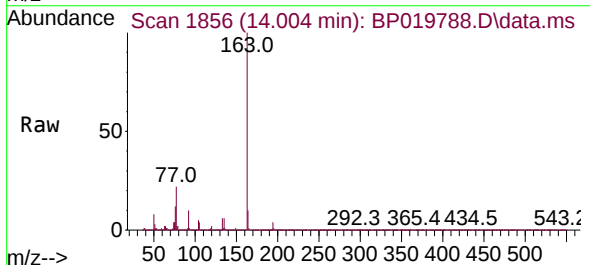
Instrument :
BNA_P
ClientSampleId :
ETGI-343MS

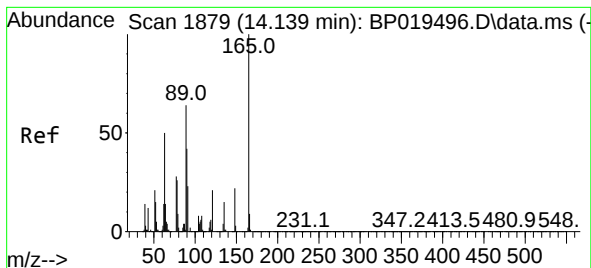
Tgt Ion:152 Resp: 824659
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.6
153 13.1 10.6 15.8



#50
Dimethylphthalate
Concen: 50.326 ng
RT: 14.004 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BP019788.D
Acq: 20 Feb 2024 16:28

Tgt Ion:163 Resp: 707191
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.2
164 10.5 7.8 11.6





#51

2,6-Dinitrotoluene

Concen: 49.274 ng

RT: 14.134 min Scan# 1879

Delta R.T. -0.000 min

Lab File: BP019788.D

Acq: 20 Feb 2024 16:28

Instrument :

BNA_P

ClientSampleId :

ETGI-343MS

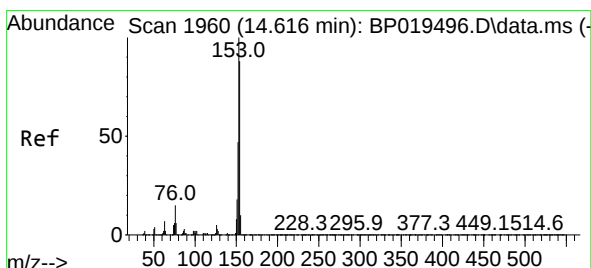
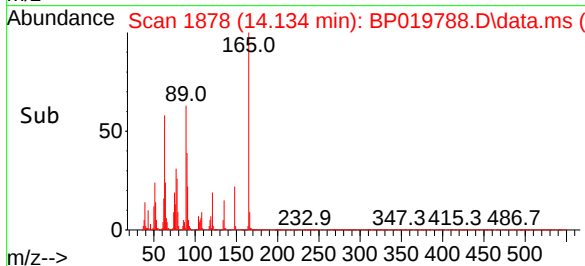
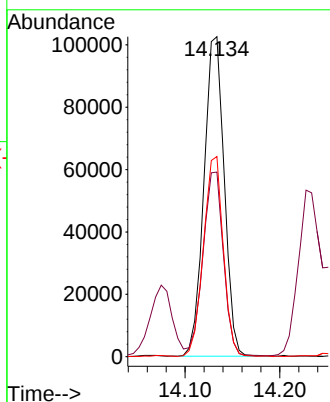
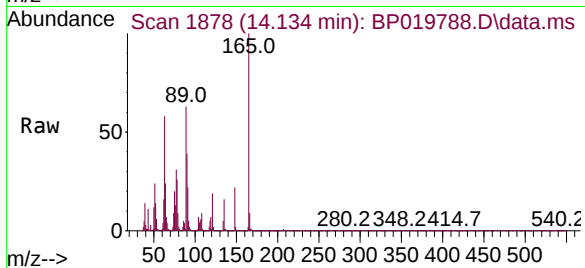
Tgt Ion:165 Resp: 152125

Ion Ratio Lower Upper

165 100

63 57.7 50.4 75.6

89 62.6 51.7 77.5



#52

Acenaphthene

Concen: 44.905 ng

RT: 14.598 min Scan# 1957

Delta R.T. -0.006 min

Lab File: BP019788.D

Acq: 20 Feb 2024 16:28

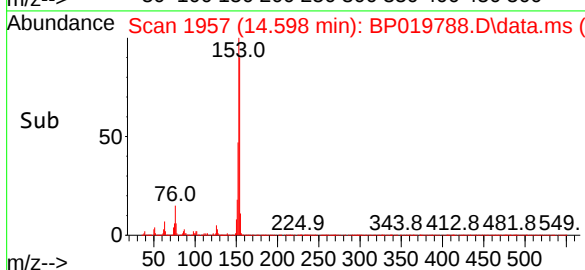
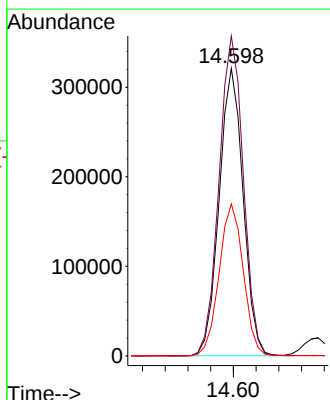
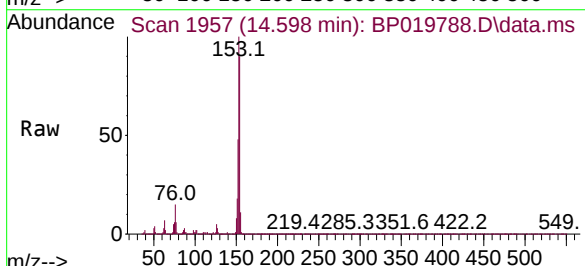
Tgt Ion:154 Resp: 470247

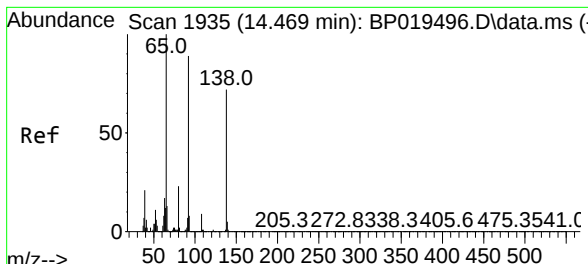
Ion Ratio Lower Upper

154 100

153 111.3 90.5 135.7

152 52.9 42.1 63.1

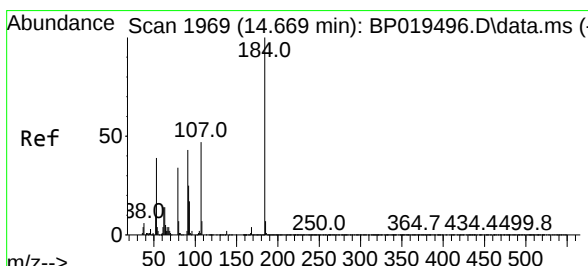
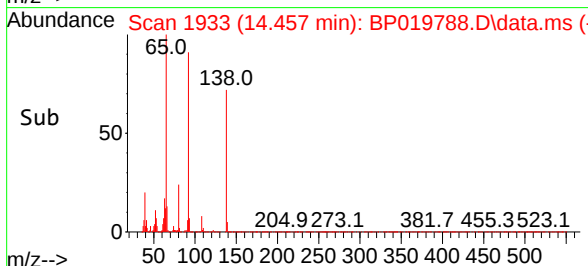
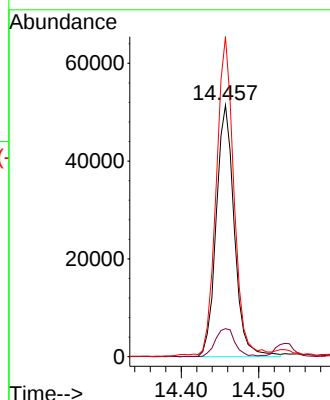
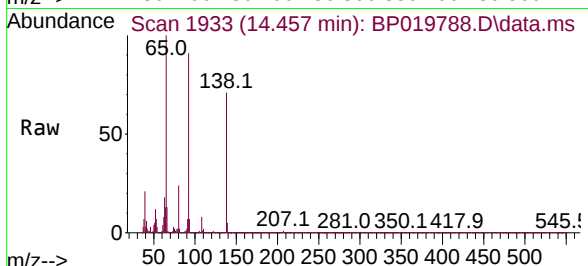




#53
3-Nitroaniline
Concen: 29.338 ng
RT: 14.457 min Scan# 1933
Delta R.T. -0.000 min
Lab File: BP019788.D
Acq: 20 Feb 2024 16:28

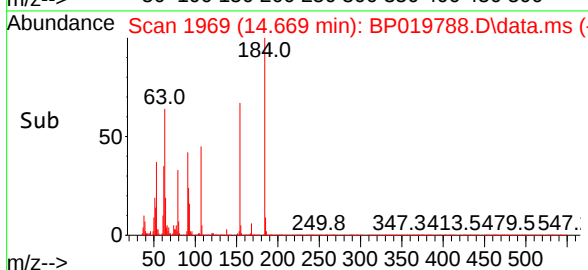
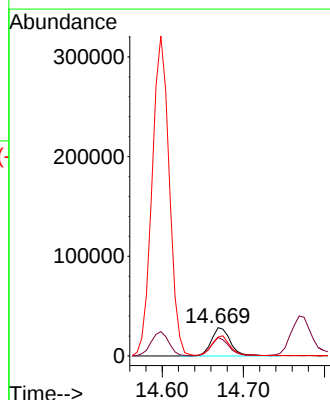
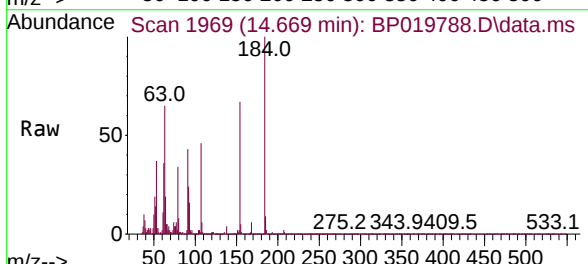
Instrument :
BNA_P
ClientSampleId :
ETGI-343MS

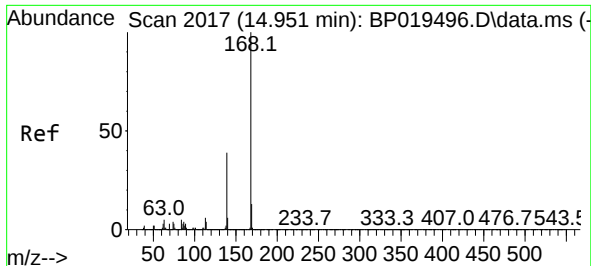
Tgt Ion:138 Resp: 83241
Ion Ratio Lower Upper
138 100
108 11.1 9.7 14.5
92 127.2 98.0 147.0



#54
2,4-Dinitrophenol
Concen: 28.821 ng
RT: 14.669 min Scan# 1969
Delta R.T. -0.006 min
Lab File: BP019788.D
Acq: 20 Feb 2024 16:28

Tgt Ion:184 Resp: 46200
Ion Ratio Lower Upper
184 100
63 65.1 50.5 75.7
154 66.7 53.4 80.0

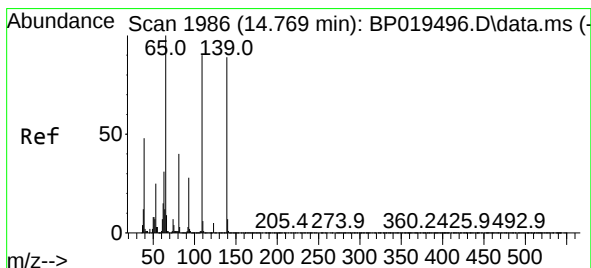
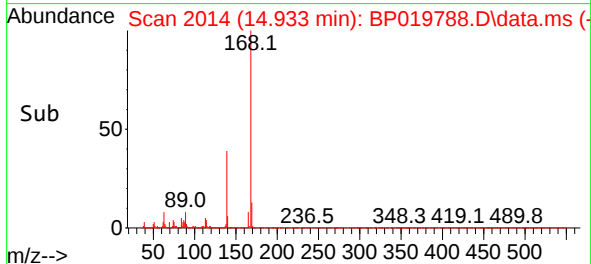
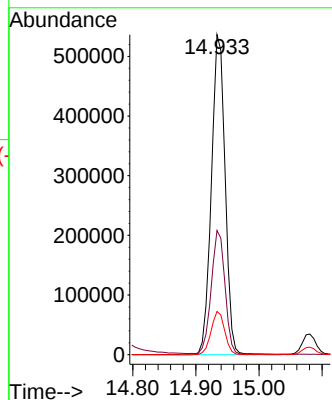
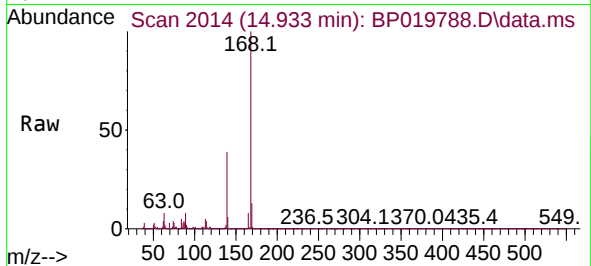




#55
Dibenzenofuran
Concen: 47.413 ng
RT: 14.933 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP019788.D
Acq: 20 Feb 2024 16:28

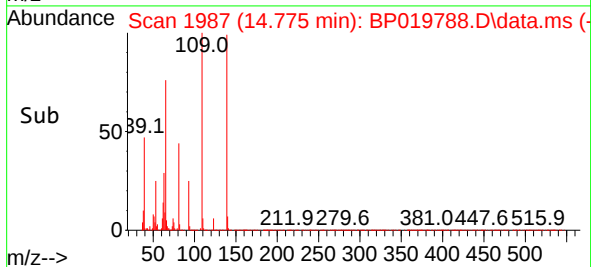
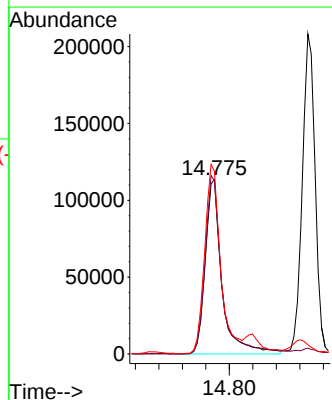
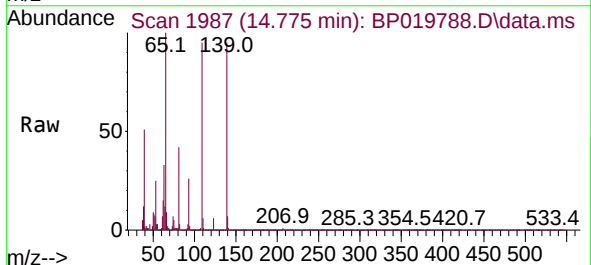
Instrument :
BNA_P
ClientSampleId :
ETGI-343MS

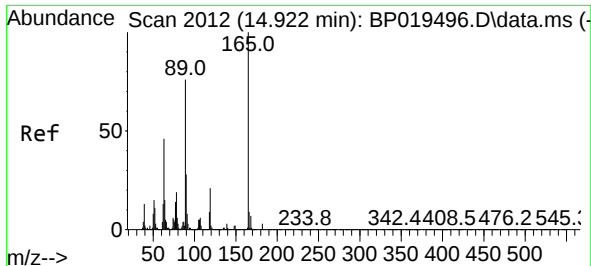
Tgt Ion:168 Resp: 808676
Ion Ratio Lower Upper
168 100
139 38.8 31.5 47.3
169 13.5 10.3 15.5



#56
4-Nitrophenol
Concen: 95.852 ng
RT: 14.775 min Scan# 1987
Delta R.T. 0.006 min
Lab File: BP019788.D
Acq: 20 Feb 2024 16:28

Tgt Ion:139 Resp: 222908
Ion Ratio Lower Upper
139 100
109 99.2 82.0 122.0
65 104.8 92.9 132.9

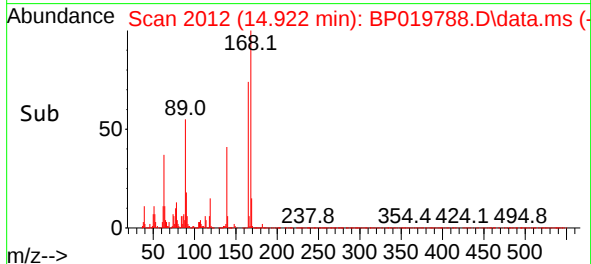
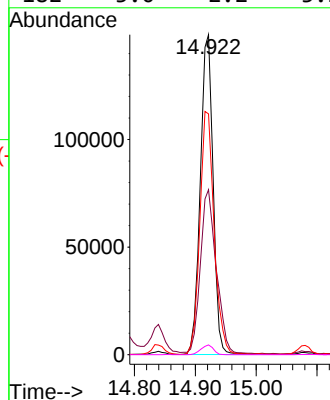
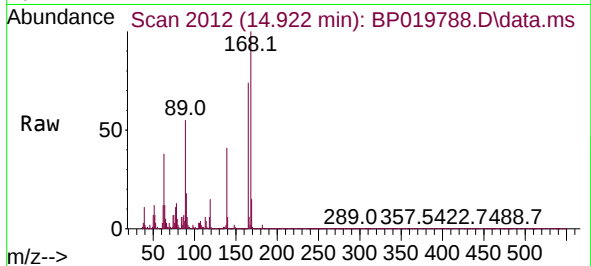




#57
2,4-Dinitrotoluene
Concen: 53.699 ng
RT: 14.922 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BP019788.D
Acq: 20 Feb 2024 16:28

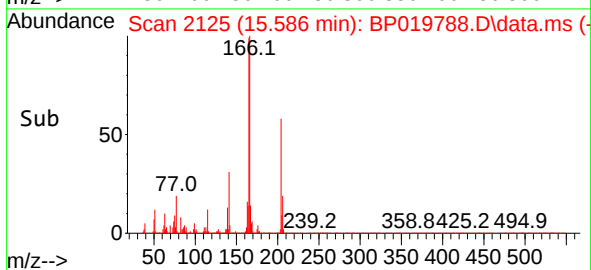
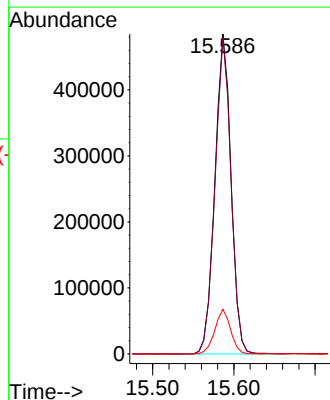
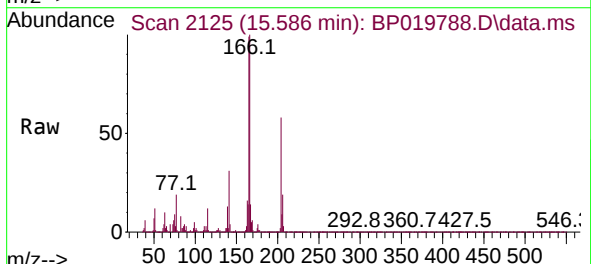
Instrument :
BNA_P
ClientSampleId :
ETGI-343MS

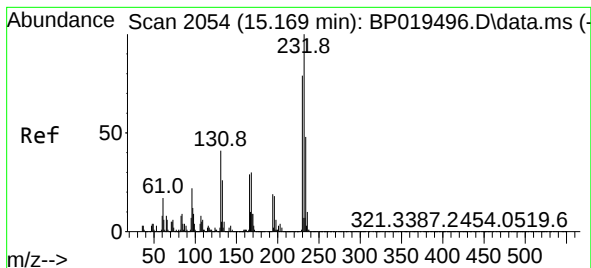
Tgt Ion:165 Resp: 217255
Ion Ratio Lower Upper
165 100
63 51.6 36.9 55.3
89 75.2 61.1 91.7
182 3.0 2.2 3.2



#58
Fluorene
Concen: 49.316 ng
RT: 15.586 min Scan# 2125
Delta R.T. -0.006 min
Lab File: BP019788.D
Acq: 20 Feb 2024 16:28

Tgt Ion:166 Resp: 669944
Ion Ratio Lower Upper
166 100
165 98.8 77.8 116.8
167 14.0 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 59.863 ng

RT: 15.163 min Scan# 2054

Delta R.T. -0.000 min

Lab File: BP019788.D

Acq: 20 Feb 2024 16:28

Instrument :

BNA_P

ClientSampleId :

ETGI-343MS

Tgt Ion:232 Resp: 237015

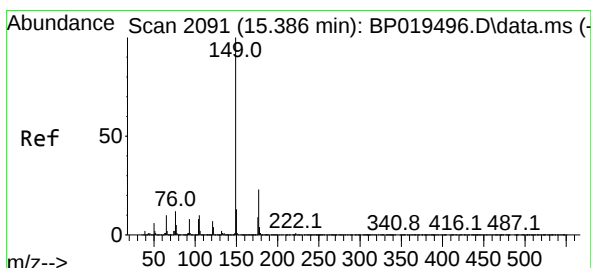
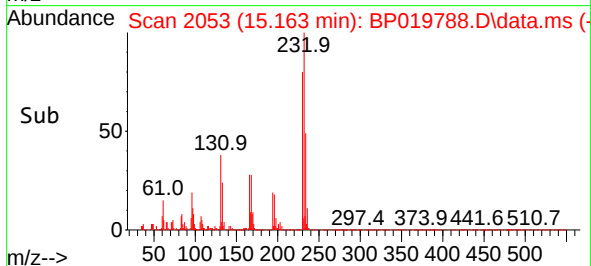
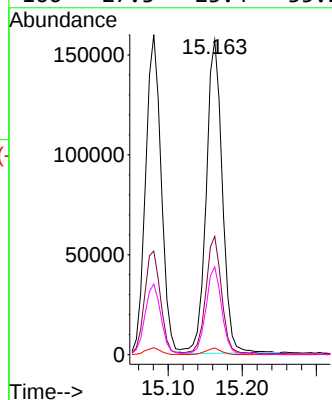
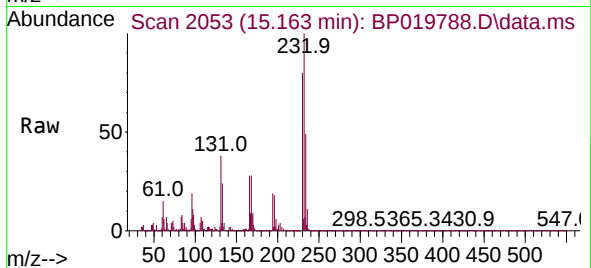
Ion Ratio Lower Upper

232 100

131 36.2 32.4 48.6

130 2.1 1.9 2.9

166 27.3 23.4 35.2



#60

Diethylphthalate

Concen: 50.223 ng

RT: 15.369 min Scan# 2088

Delta R.T. -0.006 min

Lab File: BP019788.D

Acq: 20 Feb 2024 16:28

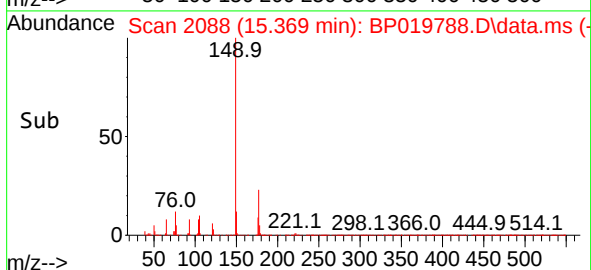
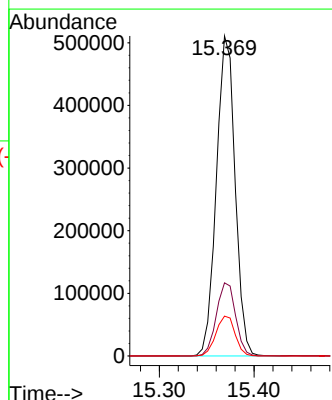
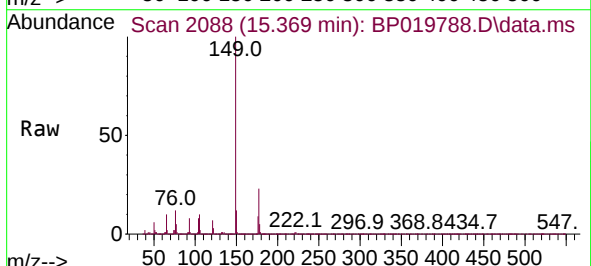
Tgt Ion:149 Resp: 701966

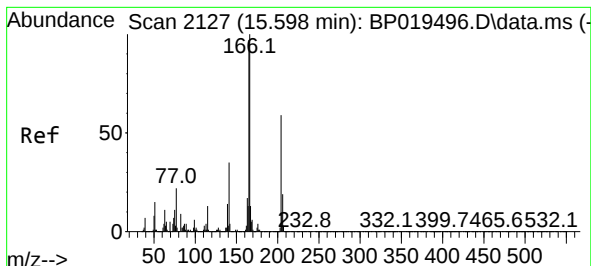
Ion Ratio Lower Upper

149 100

177 22.8 18.2 27.2

150 12.4 10.2 15.4

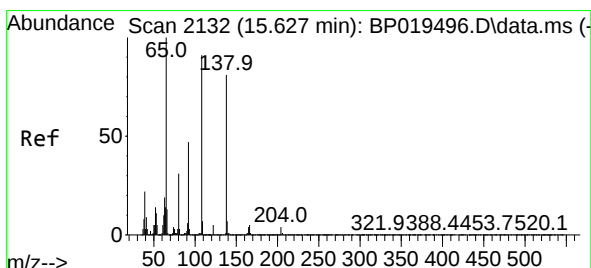
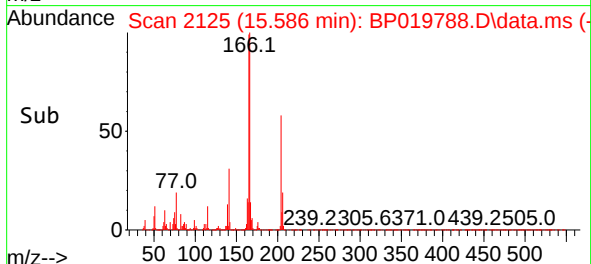
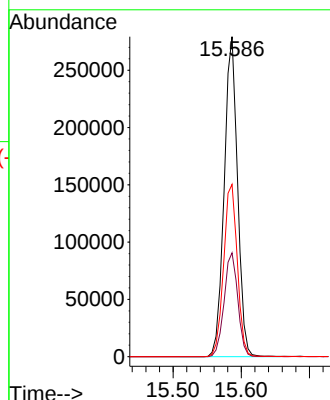
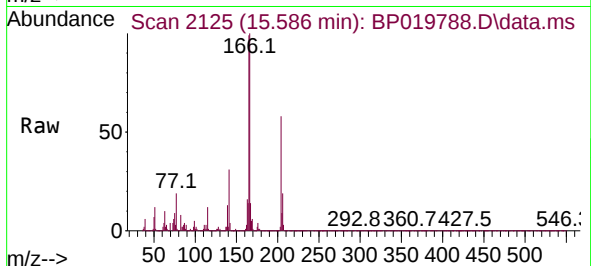




#61
4-Chlorophenyl-phenylether
Concen: 49.827 ng
RT: 15.586 min Scan# 2127
Delta R.T. -0.000 min
Lab File: BP019788.D
Acq: 20 Feb 2024 16:28

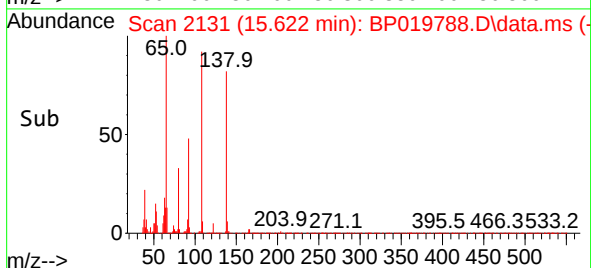
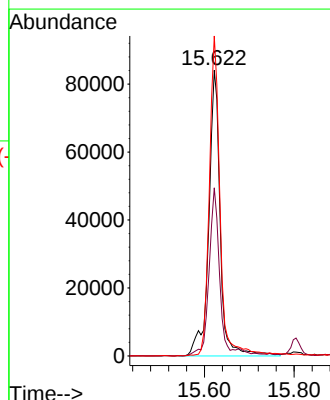
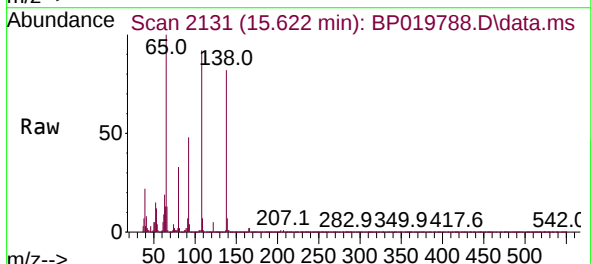
Instrument :
BNA_P
ClientSampleId :
ETGI-343MS

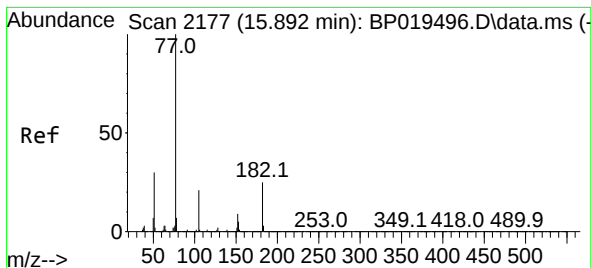
Tgt Ion:204 Resp: 380443
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 53.8 48.5 72.7



#62
4-Nitroaniline
Concen: 50.115 ng
RT: 15.622 min Scan# 2131
Delta R.T. -0.000 min
Lab File: BP019788.D
Acq: 20 Feb 2024 16:28

Tgt Ion:138 Resp: 149041
Ion Ratio Lower Upper
138 100
92 58.9 38.3 78.3
108 112.0 91.2 131.2





#63

Azobenzene

Concen: 47.093 ng

RT: 15.881 min Scan# 2175

Delta R.T. -0.000 min

Lab File: BP019788.D

Acq: 20 Feb 2024 16:28

Instrument :

BNA_P

ClientSampleId :

ETGI-343MS

Tgt Ion: 77 Resp: 636502

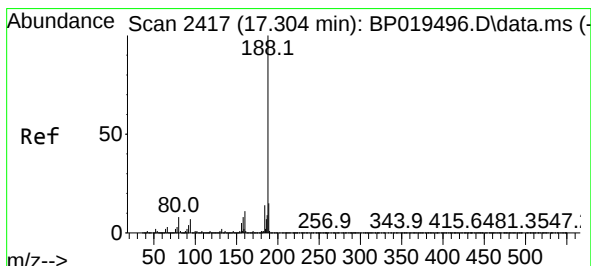
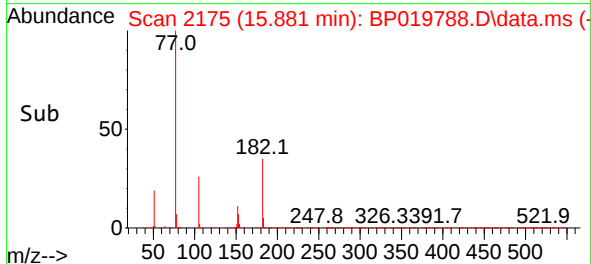
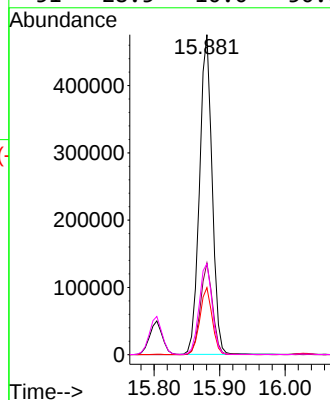
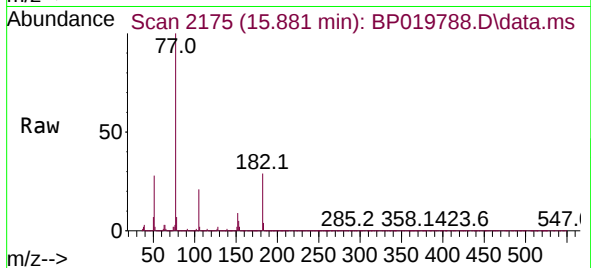
Ion Ratio Lower Upper

77 100

182 28.6 5.1 45.1

105 21.0 0.8 40.8

51 28.5 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: BP019788.D

Acq: 20 Feb 2024 16:28

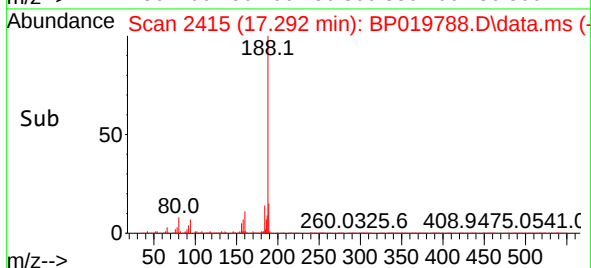
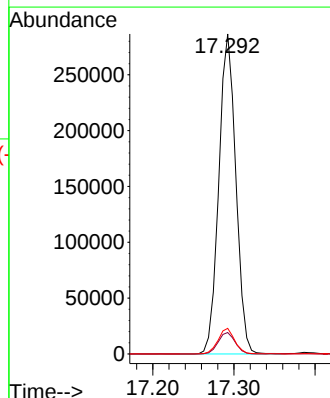
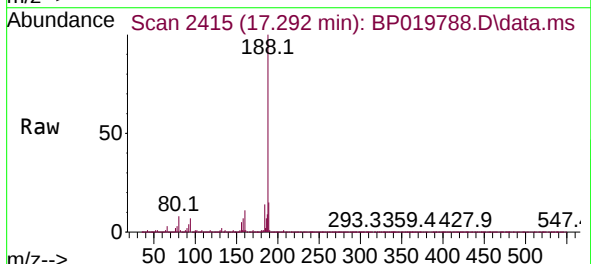
Tgt Ion: 188 Resp: 417827

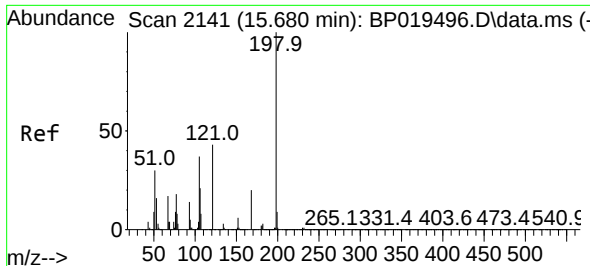
Ion Ratio Lower Upper

188 100

94 6.7 5.4 8.2

80 8.0 6.3 9.5

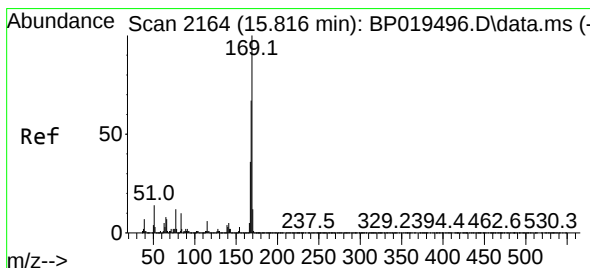
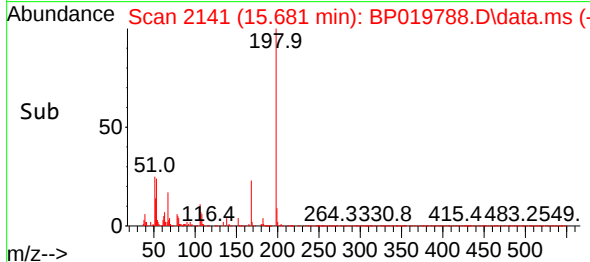
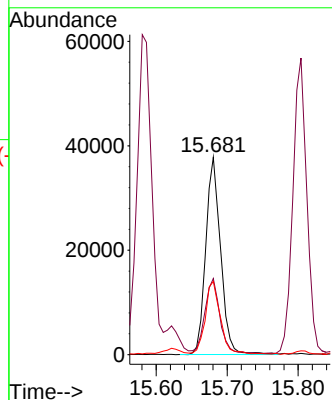
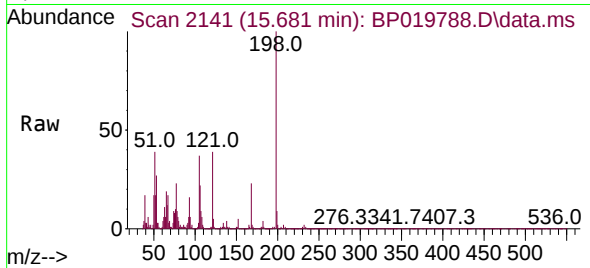




#65
4,6-Dinitro-2-methylphenol
Concen: 23.192 ng
RT: 15.681 min Scan# 2141
Delta R.T. -0.000 min
Lab File: BP019788.D
Acq: 20 Feb 2024 16:28

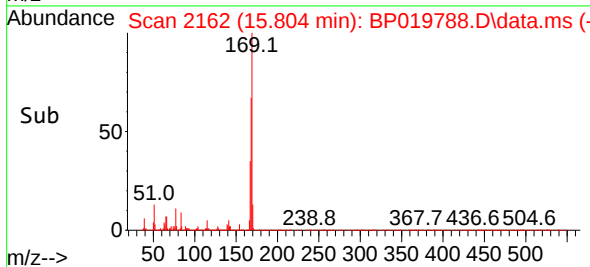
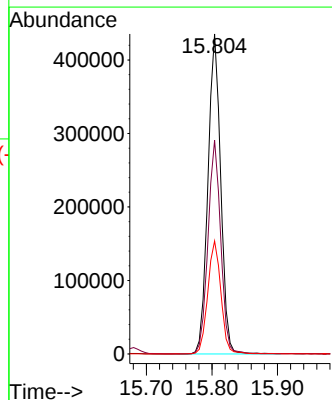
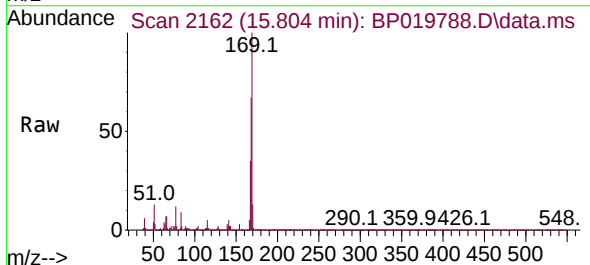
Instrument :
BNA_P
ClientSampleId :
ETGI-343MS

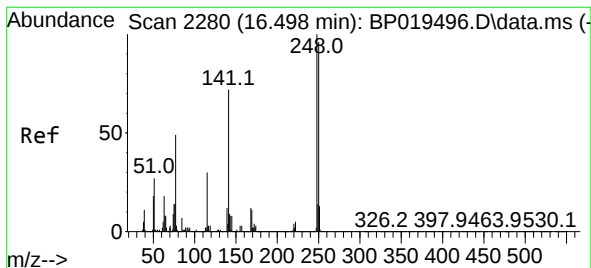
Tgt Ion:198 Resp: 55254
Ion Ratio Lower Upper
198 100
51 38.6 21.2 61.2
105 37.1 19.1 59.1



#66
n-Nitrosodiphenylamine
Concen: 47.234 ng
RT: 15.804 min Scan# 2162
Delta R.T. -0.000 min
Lab File: BP019788.D
Acq: 20 Feb 2024 16:28

Tgt Ion:169 Resp: 591066
Ion Ratio Lower Upper
169 100
168 66.8 53.4 80.2
167 35.3 28.9 43.3

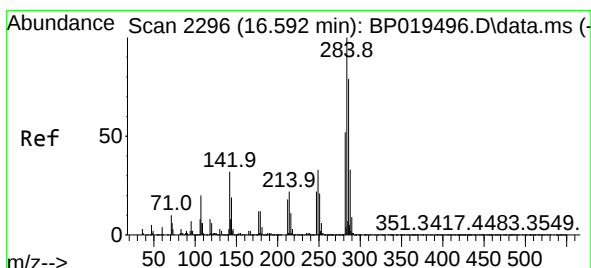
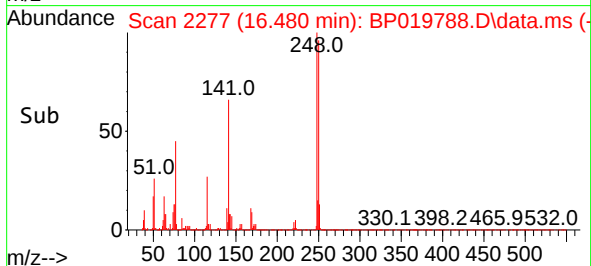
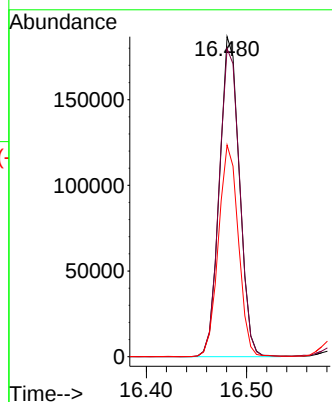
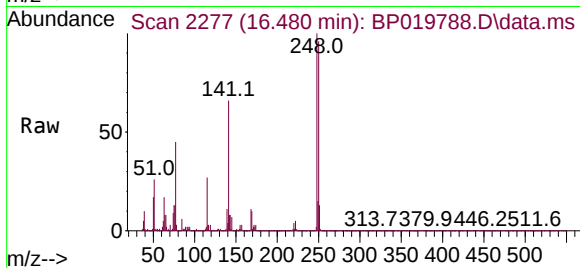




#67
4-Bromophenyl-phenylether
Concen: 49.386 ng
RT: 16.480 min Scan# 211
Delta R.T. -0.006 min
Lab File: BP019788.D
Acq: 20 Feb 2024 16:28

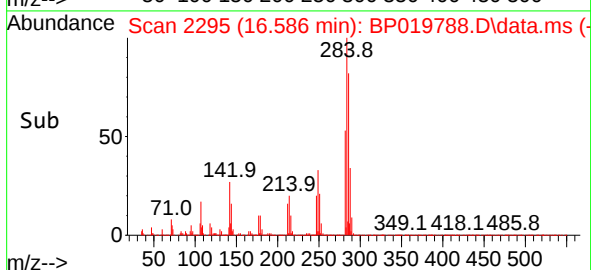
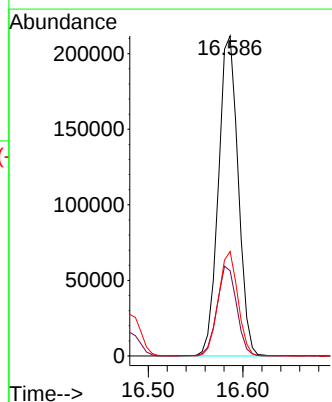
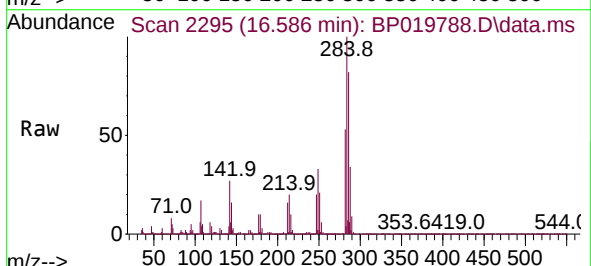
Instrument :
BNA_P
ClientSampleId :
ETGI-343MS

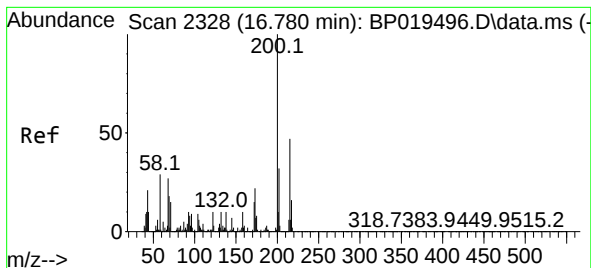
Tgt Ion:248 Resp: 257962
Ion Ratio Lower Upper
248 100
250 96.2 76.9 115.3
141 66.2 58.0 87.0



#68
Hexachlorobenzene
Concen: 50.309 ng
RT: 16.586 min Scan# 2295
Delta R.T. -0.000 min
Lab File: BP019788.D
Acq: 20 Feb 2024 16:28

Tgt Ion:284 Resp: 306870
Ion Ratio Lower Upper
284 100
142 26.6 25.4 38.2
249 32.7 26.5 39.7





#69

Atrazine

Concen: 61.042 ng

RT: 16.769 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP019788.D

Acq: 20 Feb 2024 16:28

Instrument :

BNA_P

ClientSampleId :

ETGI-343MS

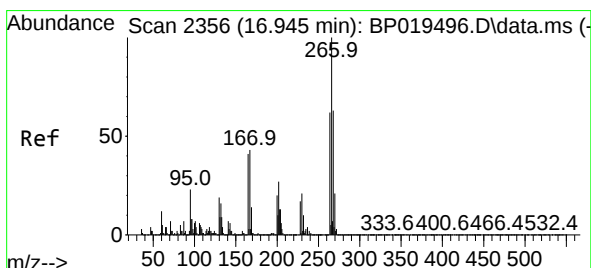
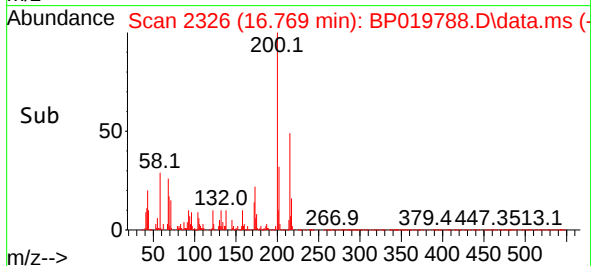
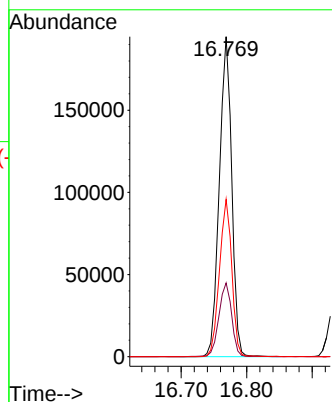
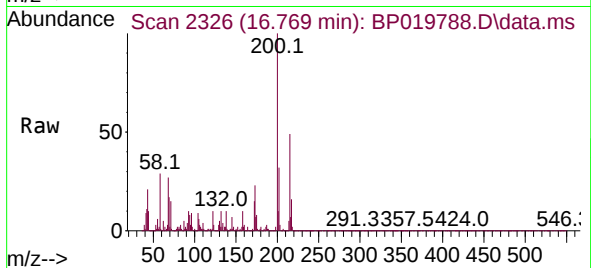
Tgt Ion:200 Resp: 253472

Ion Ratio Lower Upper

200 100

173 23.0 1.7 41.7

215 49.2 26.9 66.9



#70

Pentachlorophenol

Concen: 88.657 ng

RT: 16.939 min Scan# 2355

Delta R.T. -0.000 min

Lab File: BP019788.D

Acq: 20 Feb 2024 16:28

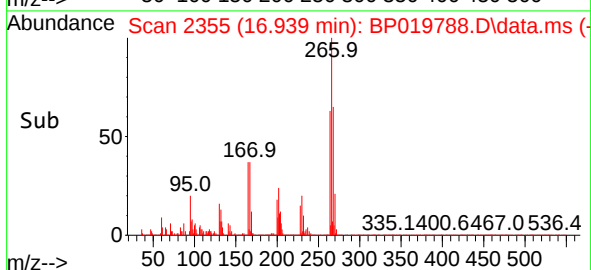
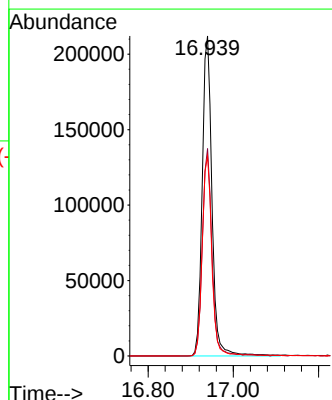
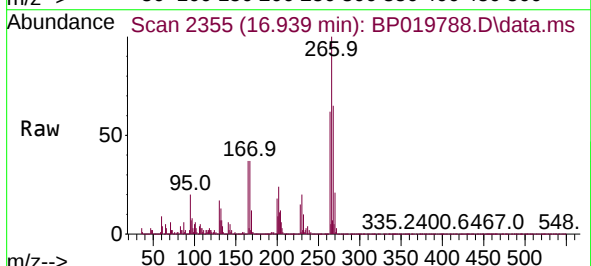
Tgt Ion:266 Resp: 336767

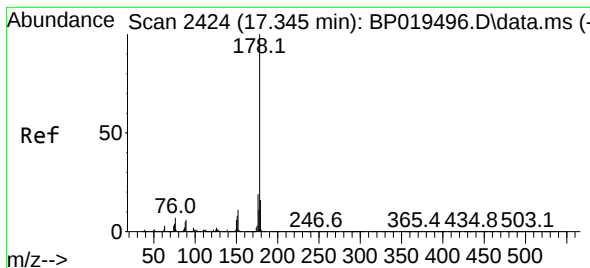
Ion Ratio Lower Upper

266 100

268 64.8 50.3 75.5

264 62.5 49.7 74.5





#71

Phenanthrene

Concen: 50.258 ng

RT: 17.333 min Scan# 2422

Delta R.T. -0.006 min

Lab File: BP019788.D

Acq: 20 Feb 2024 16:28

Instrument :

BNA_P

ClientSampleId :

ETGI-343MS

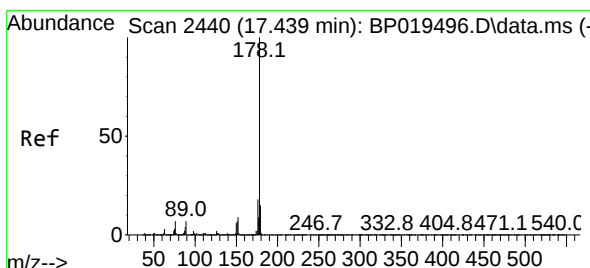
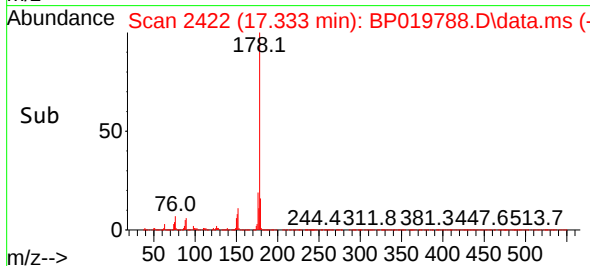
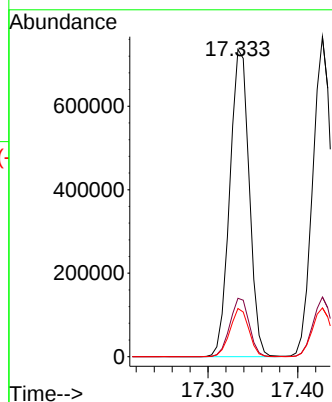
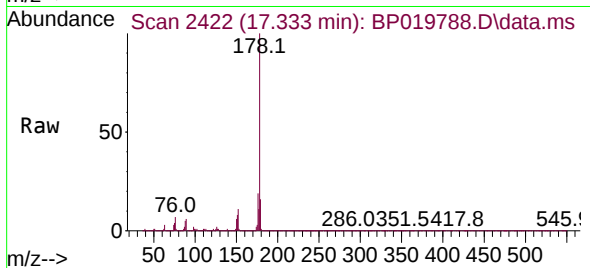
Tgt Ion:178 Resp: 1105115

Ion Ratio Lower Upper

178 100

176 19.0 15.5 23.3

179 15.7 12.6 19.0



#72

Anthracene

Concen: 51.247 ng

RT: 17.427 min Scan# 2438

Delta R.T. -0.000 min

Lab File: BP019788.D

Acq: 20 Feb 2024 16:28

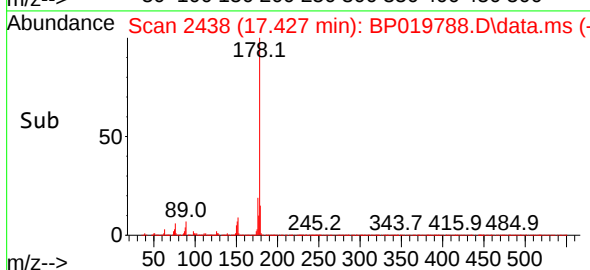
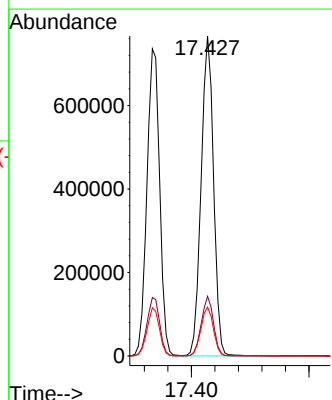
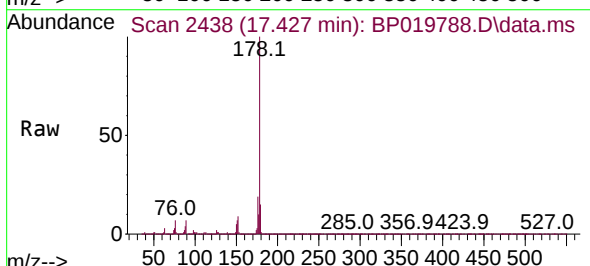
Tgt Ion:178 Resp: 1124104

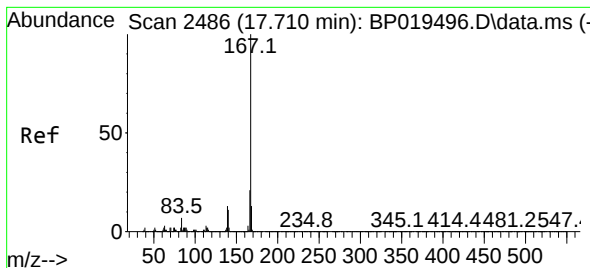
Ion Ratio Lower Upper

178 100

176 18.7 14.7 22.1

179 15.3 12.2 18.2





#73

Carbazole

Concen: 50.486 ng

RT: 17.704 min Scan# 24

Delta R.T. -0.006 min

Lab File: BP019788.D

Acq: 20 Feb 2024 16:28

Instrument :

BNA_P

ClientSampleId :

ETGI-343MS

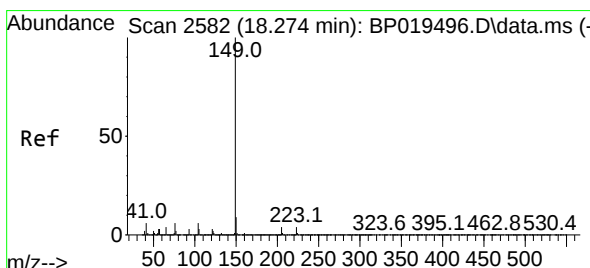
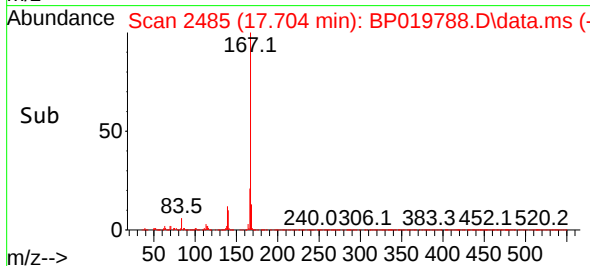
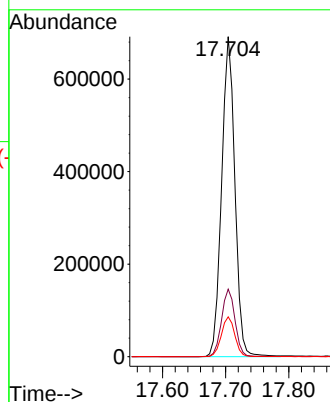
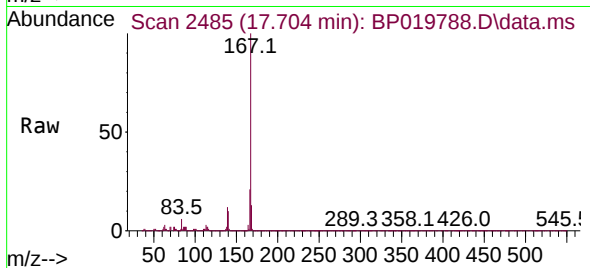
Tgt Ion:167 Resp: 1006026

Ion Ratio Lower Upper

167 100

166 21.1 17.2 25.8

139 12.4 10.6 15.8



#74

Di-n-butylphthalate

Concen: 50.914 ng

RT: 18.257 min Scan# 2579

Delta R.T. -0.006 min

Lab File: BP019788.D

Acq: 20 Feb 2024 16:28

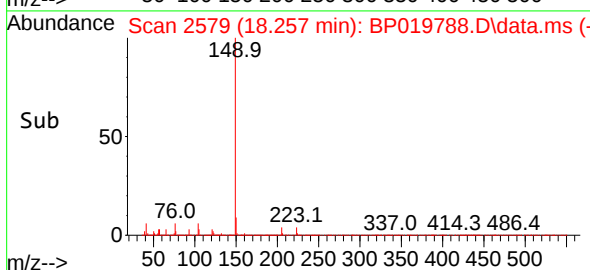
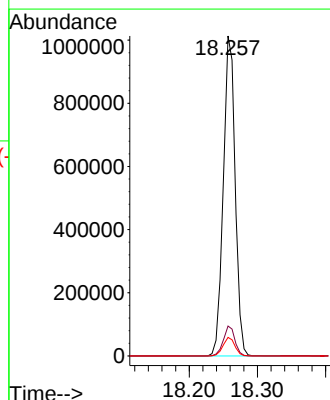
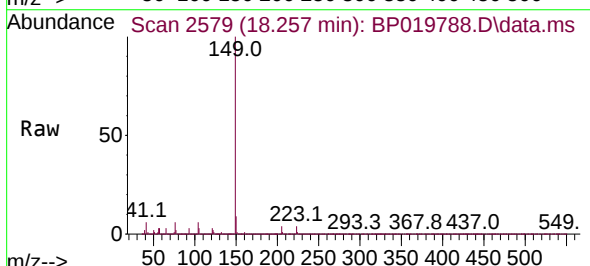
Tgt Ion:149 Resp: 1226722

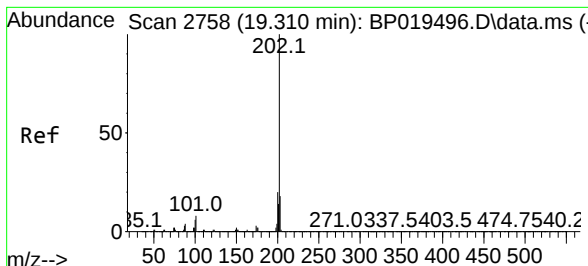
Ion Ratio Lower Upper

149 100

150 9.4 7.3 10.9

104 5.8 4.8 7.2





#75

Fluoranthene

Concen: 53.852 ng

RT: 19.304 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP019788.D

Acq: 20 Feb 2024 16:28

Instrument :

BNA_P

ClientSampleId :

ETGI-343MS

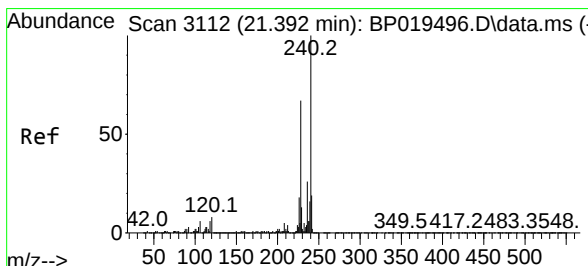
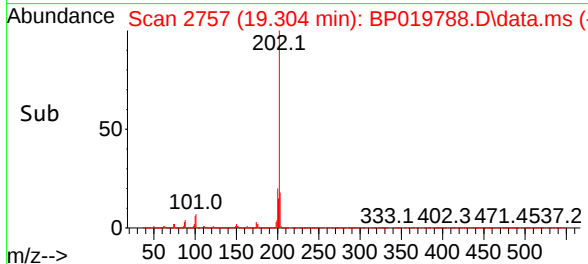
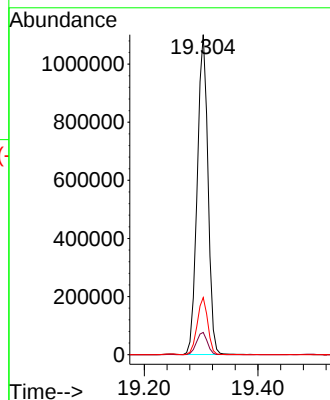
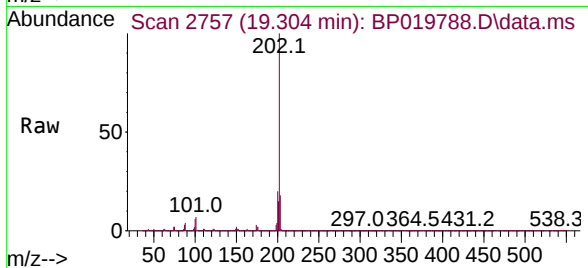
Tgt Ion:202 Resp: 1446557

Ion Ratio Lower Upper

202 100

101 6.9 0.0 27.7

203 17.9 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: BP019788.D

Acq: 20 Feb 2024 16:28

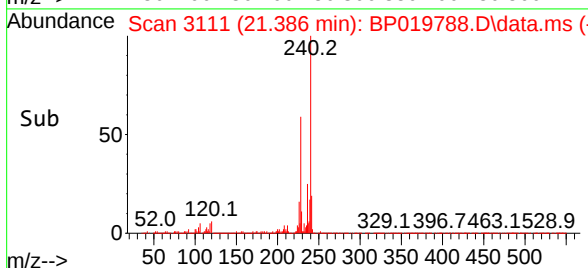
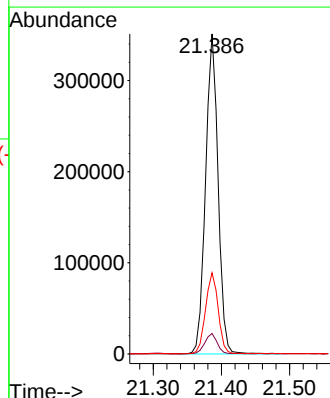
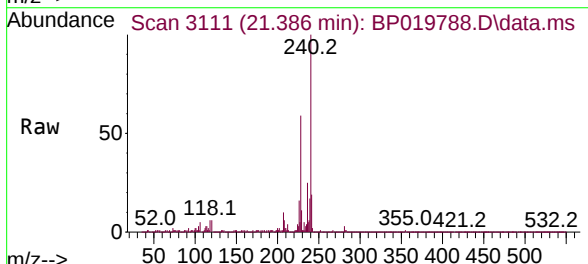
Tgt Ion:240 Resp: 448470

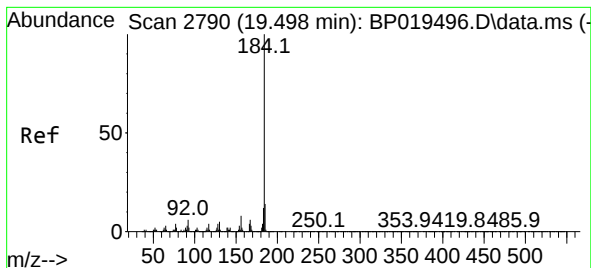
Ion Ratio Lower Upper

240 100

120 6.4 6.1 9.1

236 25.3 20.7 31.1





#77

Benzidine

Concen: 34.572 ng

RT: 19.492 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019788.D

Acq: 20 Feb 2024 16:28

Instrument :

BNA_P

ClientSampleId :

ETGI-343MS

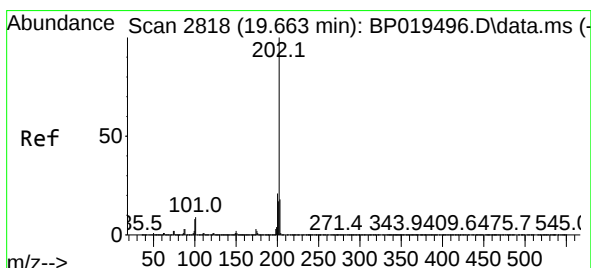
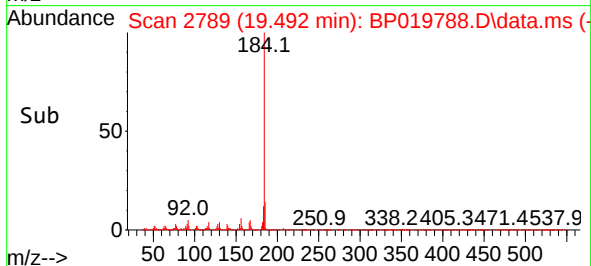
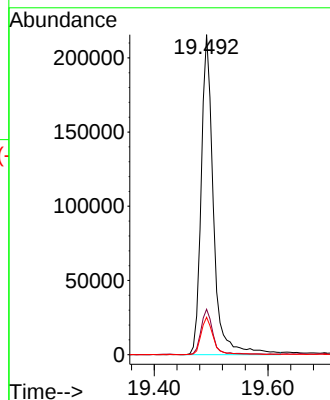
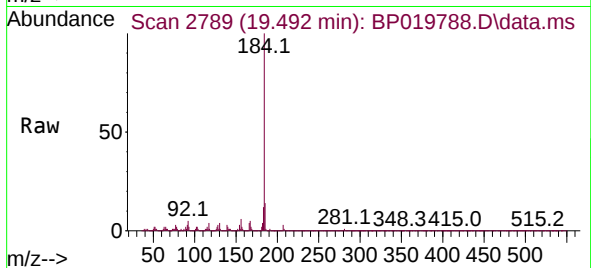
Tgt Ion:184 Resp: 324146

Ion Ratio Lower Upper

184 100

185 14.2 11.1 16.7

183 11.7 9.7 14.5



#78

Pyrene

Concen: 48.023 ng

RT: 19.657 min Scan# 2817

Delta R.T. -0.000 min

Lab File: BP019788.D

Acq: 20 Feb 2024 16:28

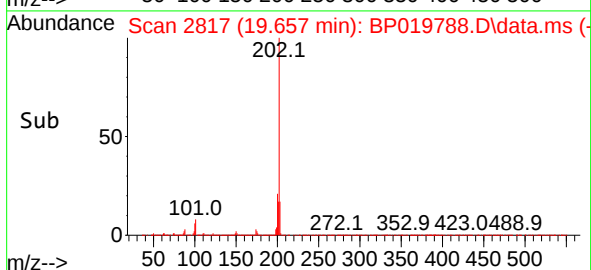
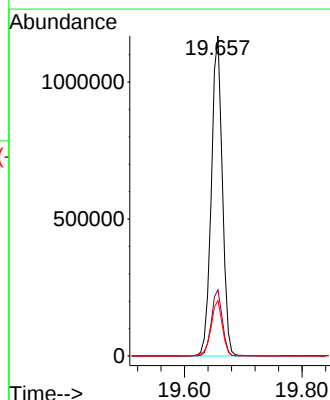
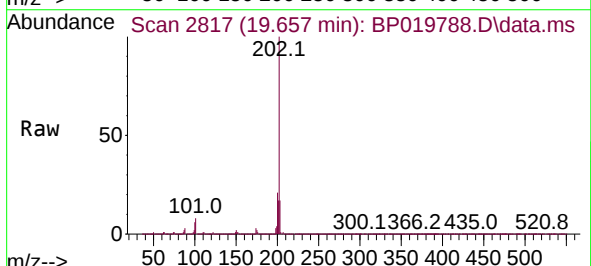
Tgt Ion:202 Resp: 1519977

Ion Ratio Lower Upper

202 100

200 20.6 16.9 25.3

203 17.3 14.2 21.2





#79

Terphenyl-d14

Concen: 92.049 ng

RT: 19.857 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019788.D

Acq: 20 Feb 2024 16:28

Instrument :

BNA_P

ClientSampleId :

ETGI-343MS

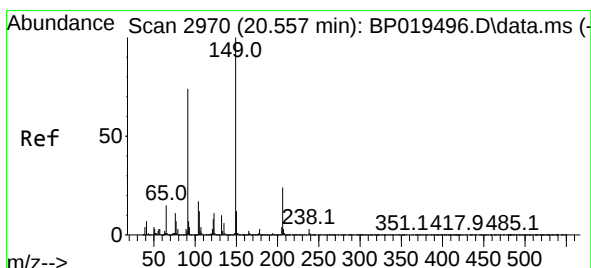
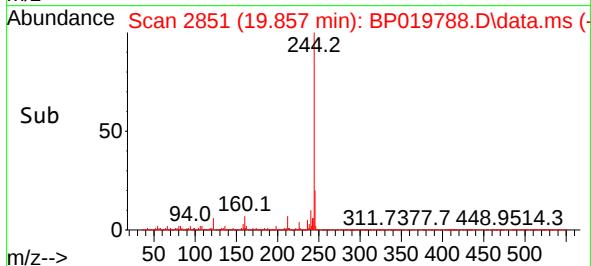
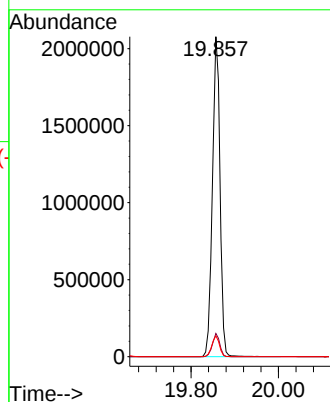
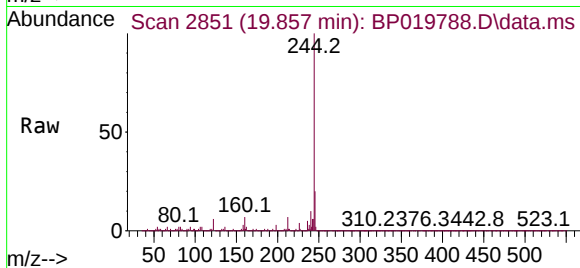
Tgt Ion:244 Resp: 2510204

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

122 6.5 5.9 8.9



#80

Butylbenzylphthalate

Concen: 48.673 ng

RT: 20.539 min Scan# 2967

Delta R.T. -0.006 min

Lab File: BP019788.D

Acq: 20 Feb 2024 16:28

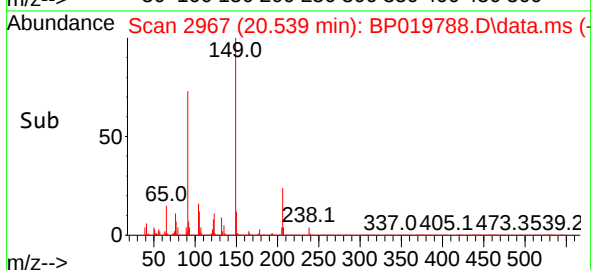
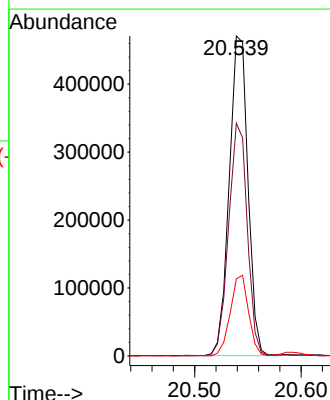
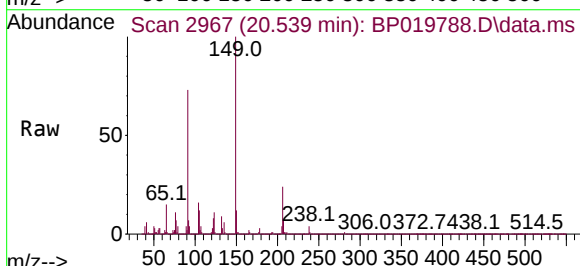
Tgt Ion:149 Resp: 575310

Ion Ratio Lower Upper

149 100

91 72.8 59.4 89.0

206 24.1 19.0 28.6





#81

Benzo(a)anthracene

Concen: 50.609 ng

RT: 21.368 min Scan# 3110

Delta R.T. -0.006 min

Lab File: BP019788.D

Acq: 20 Feb 2024 16:28

Instrument :

BNA_P

ClientSampleId :

ETGI-343MS

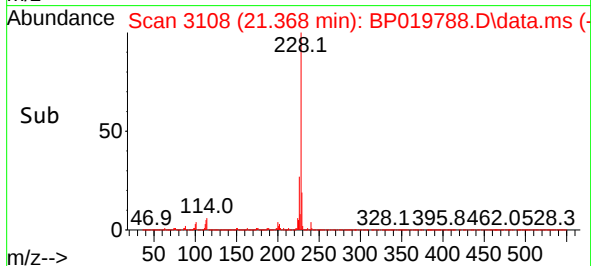
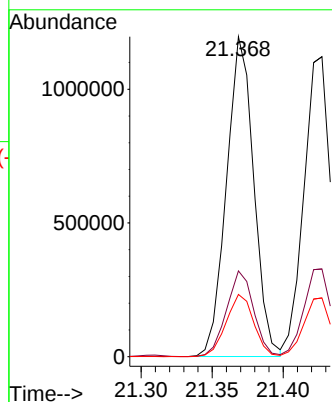
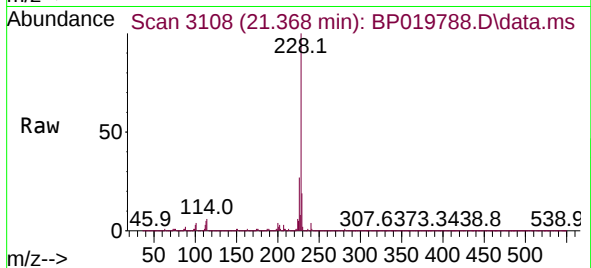
Tgt Ion:228 Resp: 1597667

Ion Ratio Lower Upper

228 100

226 26.8 21.7 32.5

229 19.5 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 36.197 ng

RT: 21.304 min Scan# 3097

Delta R.T. -0.006 min

Lab File: BP019788.D

Acq: 20 Feb 2024 16:28

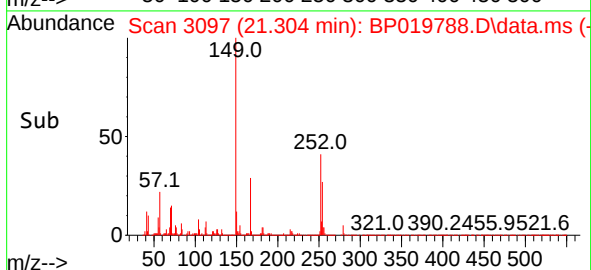
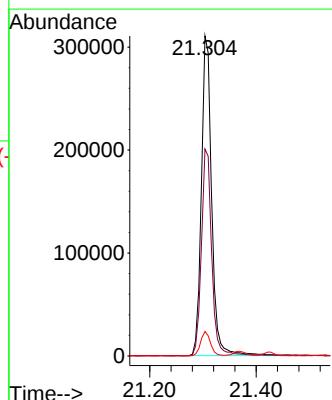
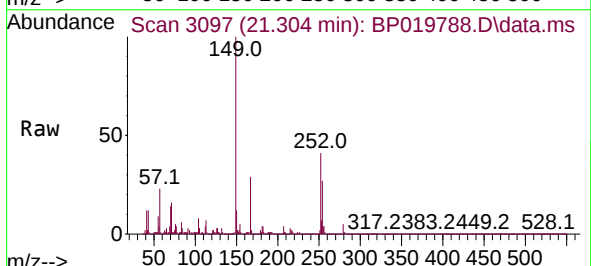
Tgt Ion:252 Resp: 416400

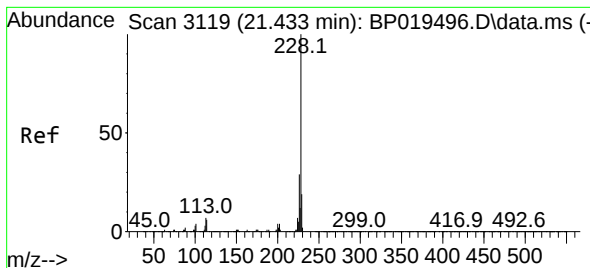
Ion Ratio Lower Upper

252 100

254 64.7 50.7 76.1

126 7.6 6.4 9.6





#83

Chrysene

Concen: 50.135 ng

RT: 21.427 min Scan# 3119

Delta R.T. -0.000 min

Lab File: BP019788.D

Acq: 20 Feb 2024 16:28

Instrument :

BNA_P

ClientSampleId :

ETGI-343MS

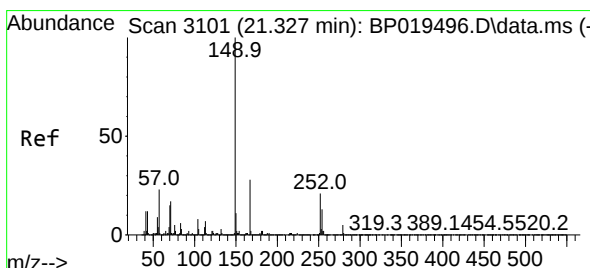
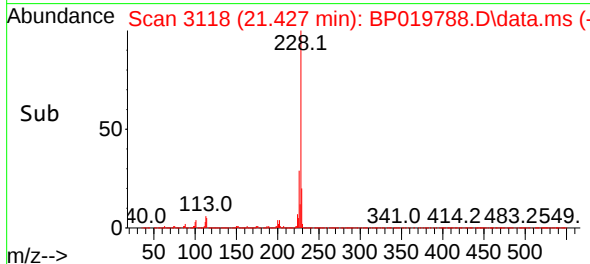
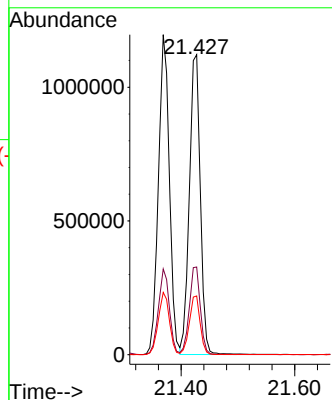
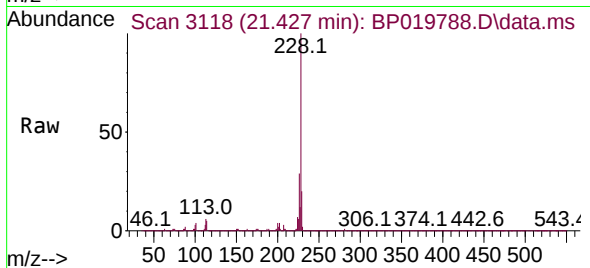
Tgt Ion:228 Resp: 1502652

Ion Ratio Lower Upper

228 100

226 29.2 23.4 35.2

229 19.6 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.554 ng

RT: 21.304 min Scan# 3097

Delta R.T. -0.006 min

Lab File: BP019788.D

Acq: 20 Feb 2024 16:28

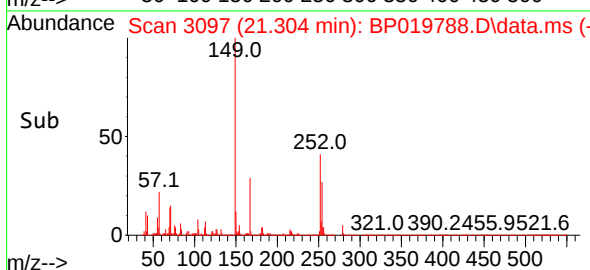
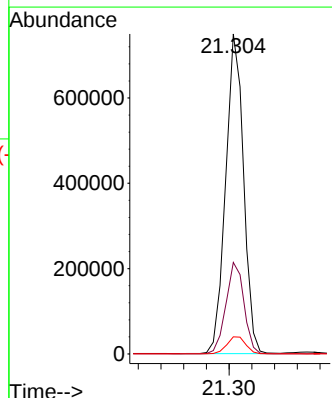
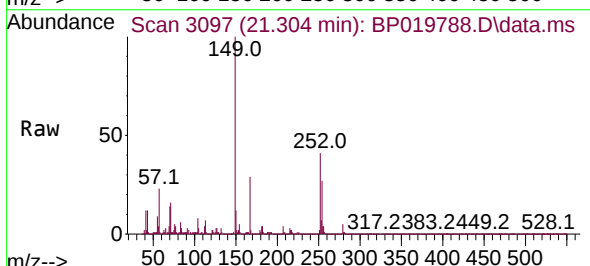
Tgt Ion:149 Resp: 819922

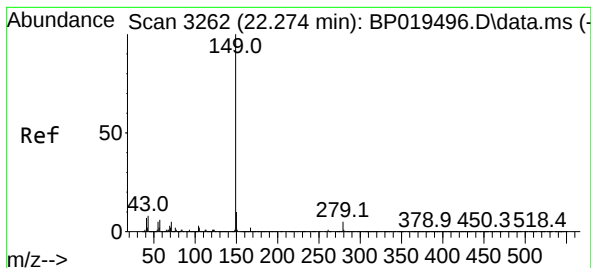
Ion Ratio Lower Upper

149 100

167 28.6 22.7 34.1

279 5.3 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 44.909 ng

RT: 22.245 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP019788.D

Acq: 20 Feb 2024 16:28

Instrument :

BNA_P

ClientSampleId :

ETGI-343MS

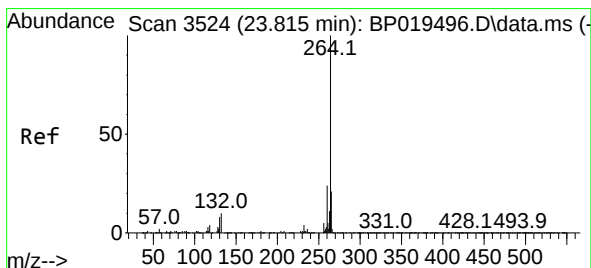
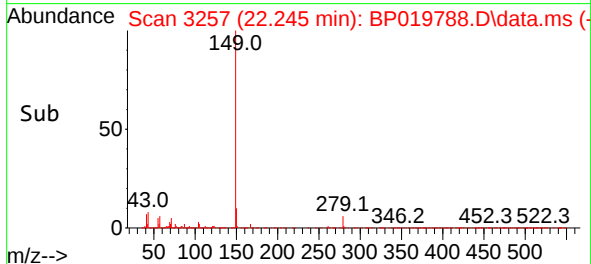
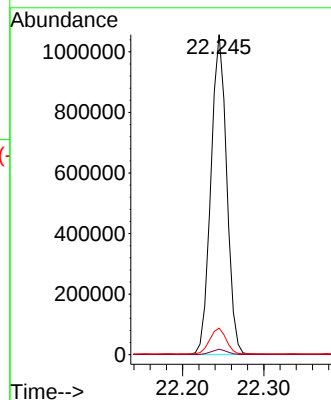
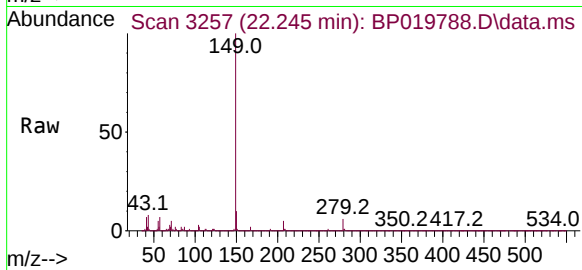
Tgt Ion:149 Resp: 1422149

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.5 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: BP019788.D

Acq: 20 Feb 2024 16:28

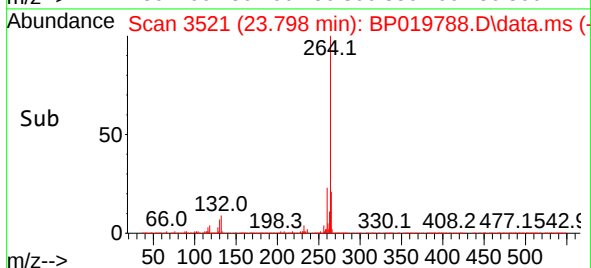
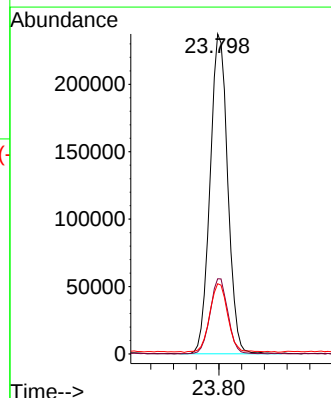
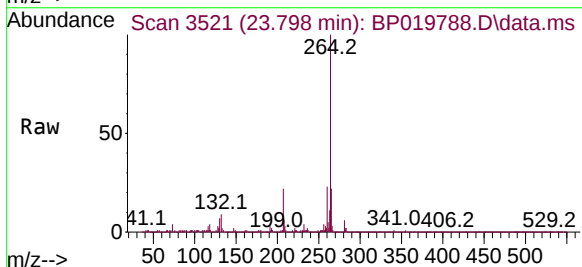
Tgt Ion:264 Resp: 510753

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.9 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.236 ng

RT: 26.333 min Scan# 3952

Delta R.T. -0.012 min

Lab File: BP019788.D

Acq: 20 Feb 2024 16:28

Instrument :

BNA_P

ClientSampleId :

ETGI-343MS

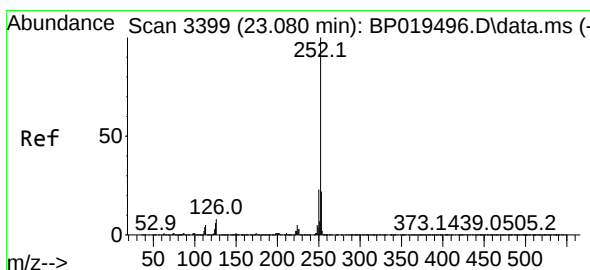
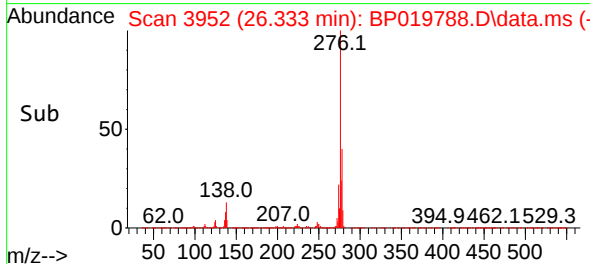
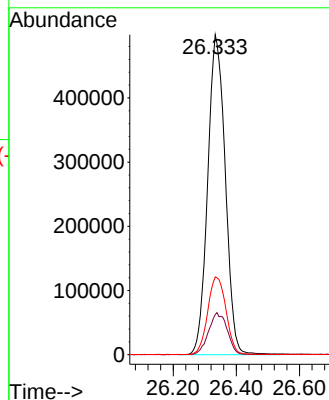
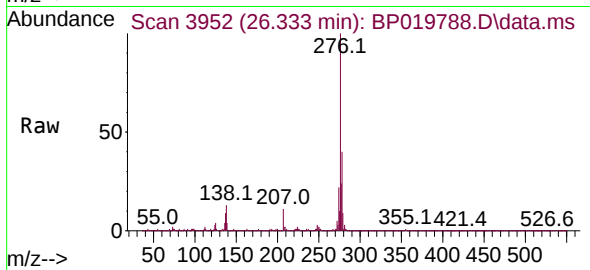
Tgt Ion:276 Resp: 1924932

Ion Ratio Lower Upper

276 100

138 13.8 13.1 19.7

277 25.3 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 50.549 ng

RT: 23.068 min Scan# 3397

Delta R.T. -0.006 min

Lab File: BP019788.D

Acq: 20 Feb 2024 16:28

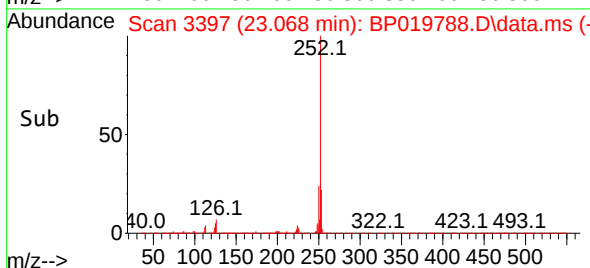
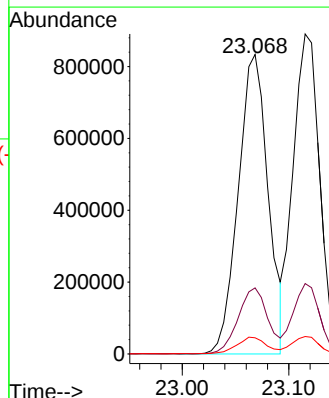
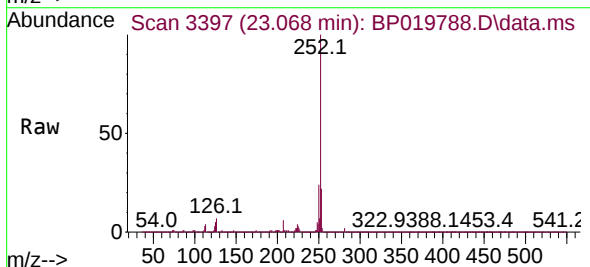
Tgt Ion:252 Resp: 1627194

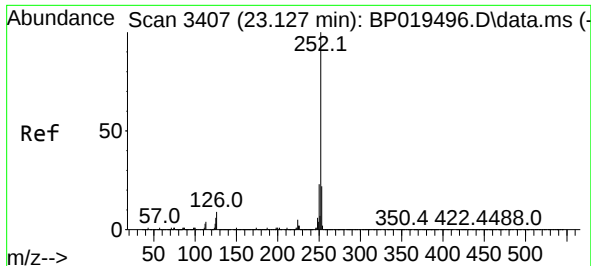
Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

125 5.4 4.9 7.3

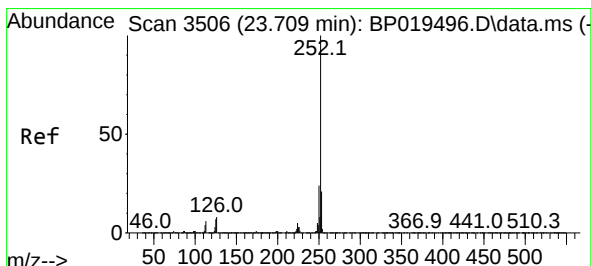
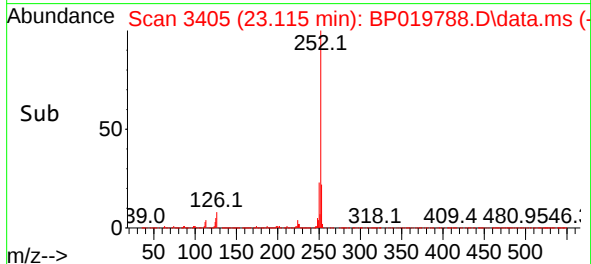
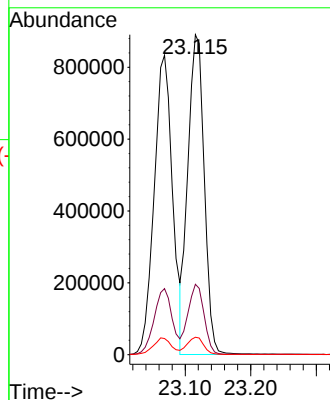
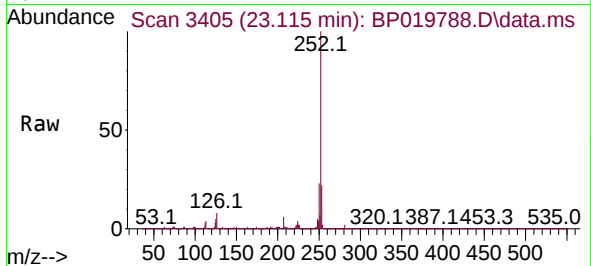




#89
Benzo(k)fluoranthene
Concen: 50.185 ng
RT: 23.115 min Scan# 34
Delta R.T. -0.006 min
Lab File: BP019788.D
Acq: 20 Feb 2024 16:28

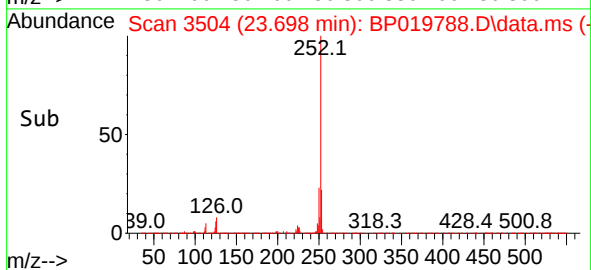
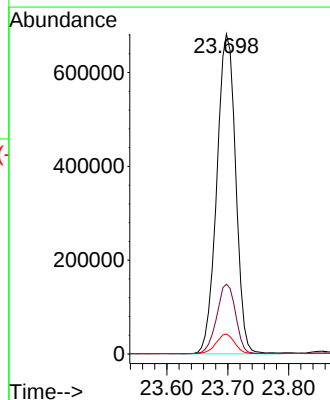
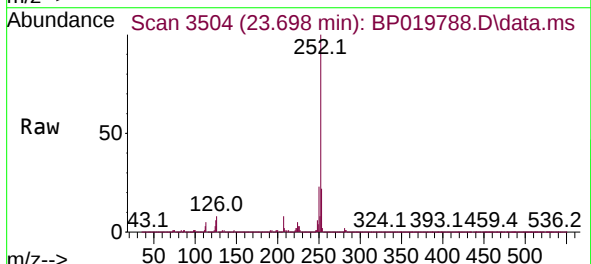
Instrument :
BNA_P
ClientSampleId :
ETGI-343MS

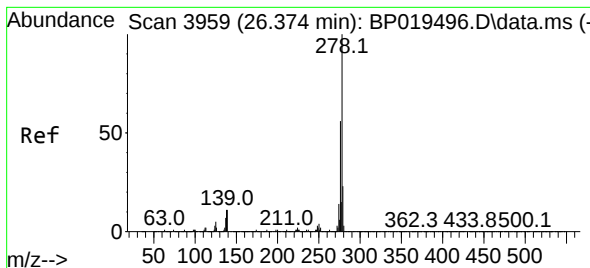
Tgt Ion:252 Resp: 1543154
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 5.5 5.0 7.6



#90
Benzo(a)pyrene
Concen: 51.248 ng
RT: 23.698 min Scan# 3504
Delta R.T. -0.006 min
Lab File: BP019788.D
Acq: 20 Feb 2024 16:28

Tgt Ion:252 Resp: 1467848
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 6.3 5.6 8.4





#91

Dibenzo(a,h)anthracene

Concen: 49.579 ng

RT: 26.362 min Scan# 3959

Delta R.T. -0.006 min

Lab File: BP019788.D

Acq: 20 Feb 2024 16:28

Instrument :

BNA_P

ClientSampleId :

ETGI-343MS

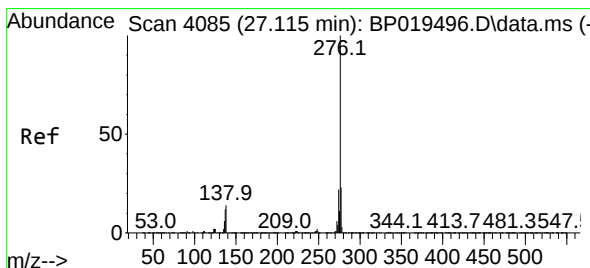
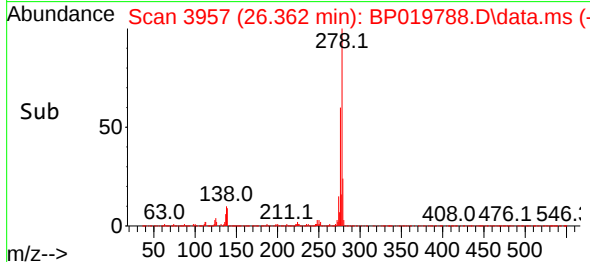
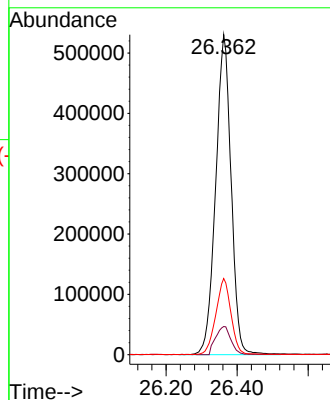
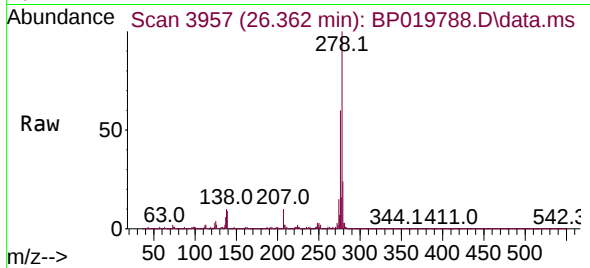
Tgt Ion:278 Resp: 1594195

Ion Ratio Lower Upper

278 100

139 8.8 8.6 12.8

279 23.8 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 46.402 ng

RT: 27.115 min Scan# 4085

Delta R.T. -0.006 min

Lab File: BP019788.D

Acq: 20 Feb 2024 16:28

Tgt Ion:276 Resp: 1513690

Ion Ratio Lower Upper

276 100

277 24.3 18.6 28.0

138 11.5 10.9 16.3

