

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
 Data File : BP017996.D
 Acq On : 09 Nov 2023 19:33
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020663

Quant Time: Nov 09 23:17:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110923.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 22:34:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.864	152	67355	20.000	ng/u1	0.00
20) Naphthalene-d8	10.687	136	276536	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.540	164	176386	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.322	188	402508	20.000	ng/u1	0.00
79) Chrysene-d12	21.451	240	406544	20.000	ng/u1	0.00
88) Perylene-d12	23.963	264	455415	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	15005	7.626	ng/uL	0.00
4) Pyridine-d5	3.681	84	92233	18.036	ng/u1	0.00
7) Phenol-d5	7.028	99	111222	17.571	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	71565	18.665	ng/u1	0.00
11) 2-Chlorophenol-d4	7.387	132	91443	18.056	ng/u1	0.00
15) 4-Methylphenol-d8	8.587	113	91819	18.086	ng/u1	0.00
21) Nitrobenzene-d5	9.069	128	44263	17.874	ng/u1	0.00
24) 2-Nitrophenol-d4	9.787	143	50100	18.178	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.310	165	90722	18.374	ng/u1	0.00
31) 4-Chloroaniline-d4	10.863	131	121039	17.889	ng/u1	0.00
46) Dimethylphthalate-d6	13.963	166	295204	18.206	ng/u1	0.00
49) Acenaphthylene-d8	14.240	160	319694	18.391	ng/u1	0.00
54) 4-Nitrophenol-d4	14.793	143	36900	15.538	ng/u1	0.00
60) Fluorene-d10	15.545	176	244196	18.170	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.698	200	48813	17.368	ng/u1	0.00
73) Anthracene-d10	17.422	188	388604	18.018	ng/u1	0.00
81) Pyrene-d10	19.675	212	475004	18.154	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.792	264	474812	17.937	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.281	88	16381	7.389	ng/uL	99
5) Pyridine	3.699	79	96833	18.446	ng/u1	97
6) Benzaldehyde	7.034	77	75210	21.587	ng/u1	97
8) Phenol	7.058	94	111313	17.859	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.311	93	91307	18.560	ng/u1	96
12) 2-Chlorophenol	7.422	128	93456	18.141	ng/u1	99
13) 2-Methylphenol	8.316	108	84318	18.050	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.375	45	70125	12.300	ng/u1	99
16) Acetophenone	8.722	105	148629	18.309	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.687	70	78825	17.729	ng/u1	98
18) 4-Methylphenol	8.652	108	89781	17.723	ng/u1	99
19) Hexachloroethane	8.916	117	44635	18.124	ng/u1	98
22) Nitrobenzene	9.116	77	120893	17.942	ng/u1	97
23) Isophorone	9.622	82	214404	17.972	ng/u1	97
25) 2-Nitrophenol	9.816	139	51535	18.184	ng/u1	98
26) 2,4-Dimethylphenol	9.858	107	108780	17.956	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.110	93	121014	17.968	ng/u1	96
29) 2,4-Dichlorophenol	10.340	162	88412	18.674	ng/u1	96
30) Naphthalene	10.740	128	303819	18.119	ng/u1	100
32) 4-Chloroaniline	10.893	127	116424	17.986	ng/u1	98
33) Hexachlorobutadiene	10.957	225	65401	18.593	ng/u1	94
34) Caprolactam	11.734	113	24907	16.831	ng/u1	93
35) 4-Chloro-3-methylphenol	11.999	107	101419	17.991	ng/u1	98
36) 2-Methylnaphthalene	12.352	142	205535	17.934	ng/u1	93

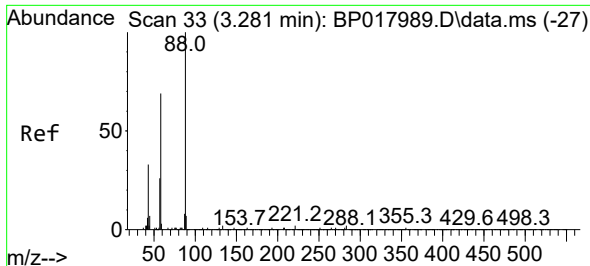
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.575	142	207927	17.809	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.704	216	110710	18.510	ng/ul	100
40) Hexachlorocyclopentadiene	12.646	237	45093	15.770	ng/ul	96
41) 2,4,6-Trichlorophenol	12.969	196	70623	18.076	ng/ul	92
42) 2,4,5-Trichlorophenol	13.051	196	75808	18.130	ng/ul	96
43) 1,1'-Biphenyl	13.369	154	271800	18.122	ng/ul	99
44) 2-Chloronaphthalene	13.416	162	216262	18.228	ng/ul	98
45) 2-Nitroaniline	13.675	65	69708	18.573	ng/ul	92
47) Dimethylphthalate	14.010	163	292457	17.879	ng/ul	99
48) 2,6-Dinitrotoluene	14.163	165	56087	18.260	ng/ul	96
50) Acenaphthylene	14.269	152	360333	18.100	ng/ul	98
51) 3-Nitroaniline	14.510	138	52346	18.197	ng/ul	99
52) Acenaphthene	14.604	153	239914	18.136	ng/ul	98
53) 2,4-Dinitrophenol	14.722	184	24666	14.927	ng/ul	94
55) 4-Nitrophenol	14.810	109	55637	17.294	ng/ul	99
56) Dibenzofuran	14.945	168	328933	18.014	ng/ul	99
57) 2,4-Dinitrotoluene	14.957	165	86608	18.435	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.169	232	67676	18.592	ng/ul	99
59) Diethylphthalate	15.369	149	332842	12.644	ng/ul	99
61) Fluorene	15.598	166	275541	17.892	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.593	204	136931	18.113	ng/ul	95
63) 4-Nitroaniline	15.687	138	51056	18.744	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.710	198	52449	17.814	ng/ul#	98
67) N-Nitrosodiphenylamine	15.822	169	232297	18.020	ng/ul	99
68) 4-Bromophenyl-phenylether	16.498	248	81016	18.435	ng/ul	95
69) Hexachlorobenzene	16.575	284	91452	18.357	ng/ul	97
70) Atrazine	16.781	200	85788	19.230	ng/ul	98
71) Pentachlorophenol	16.951	266	52694	17.163	ng/ul	98
72) Phenanthrene	17.363	178	448049	17.883	ng/ul	99
74) Anthracene	17.457	178	453581	17.907	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.322	216	110527	18.302	ng/uL	96
76) Pentachlorobenzene	14.834	250	108279	18.246	ng/uL	98
77) Carbazole	17.757	167	406208	18.571	ng/ul	99
78) Di-n-butylphthalate	18.257	149	528242	17.957	ng/ul	99
80) Fluoranthene	19.345	202	553465	18.276	ng/ul	99
82) Pyrene	19.704	202	583238	18.222	ng/ul	98
83) Butylbenzylphthalate	20.569	149	257581	18.584	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.375	252	186444	19.354	ng/ul	99
85) Benzo(a)anthracene	21.433	228	598551	18.314	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.310	149	367369	18.903	ng/ul	98
87) Chrysene	21.486	228	554485	18.012	ng/ul	99
89) Di-n-octyl phthalate	22.275	149	643042	18.602	ng/ul	100
90) Benzo(b)fluoranthene	23.180	252	582125	17.785	ng/ul	99
91) Benzo(k)fluoranthene	23.233	252	591175	18.096	ng/ul	99
93) Benzo(a)pyrene	23.845	252	557927	18.084	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.627	276	649347	17.758	ng/ul	99
95) Dibenzo(a,h)anthracene	26.651	278	539913	17.859	ng/ul	97
96) Benzo(g,h,i)perylene	27.462	276	519086	17.788	ng/ul	97

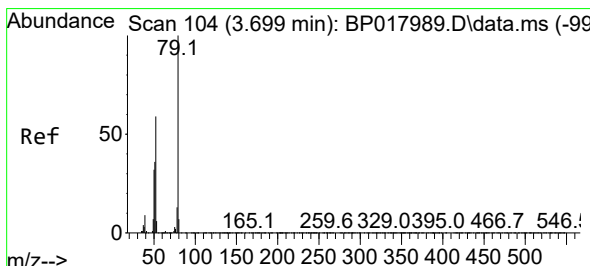
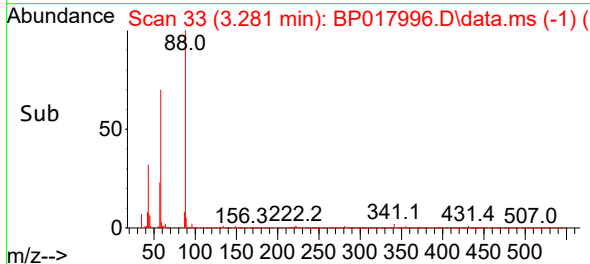
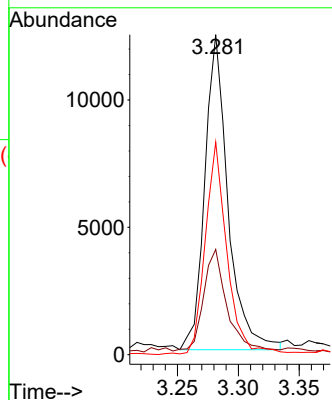
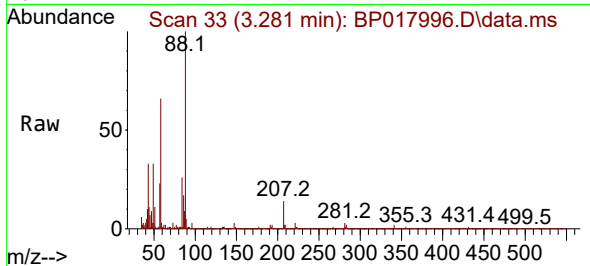
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#2
1,4-Dioxane
Concen: 7.389 ng/uL
RT: 3.281 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP017996.D
Acq: 09 Nov 2023 19:33

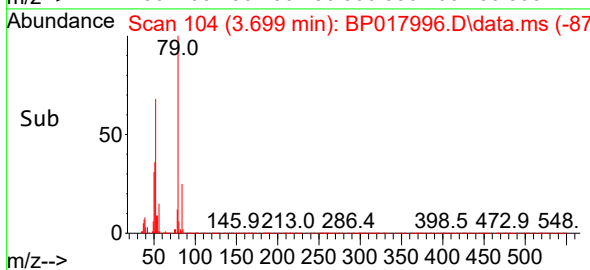
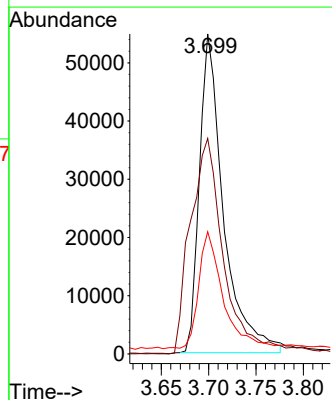
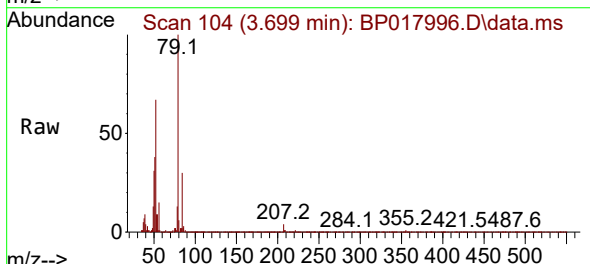
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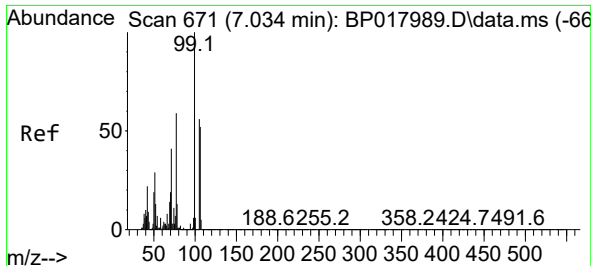
Tgt Ion: 88 Resp: 16381
Ion Ratio Lower Upper
88 100
43 32.9 26.3 39.5
58 66.5 54.0 81.0



#5
Pyridine
Concen: 18.446 ng/uL
RT: 3.699 min Scan# 104
Delta R.T. 0.000 min
Lab File: BP017996.D
Acq: 09 Nov 2023 19:33

Tgt Ion: 79 Resp: 96833
Ion Ratio Lower Upper
79 100
52 67.4 56.8 85.2
51 38.2 30.9 46.3

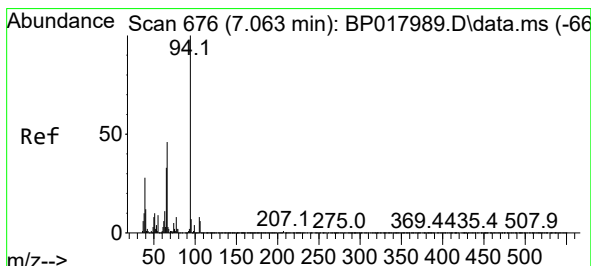
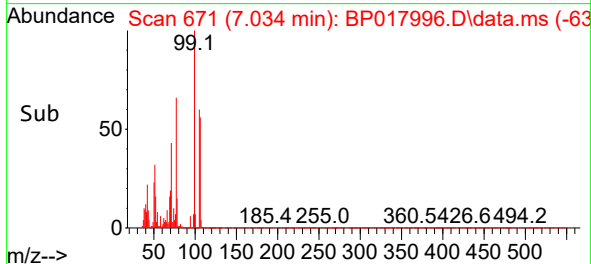
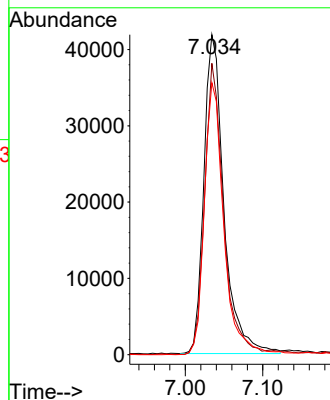
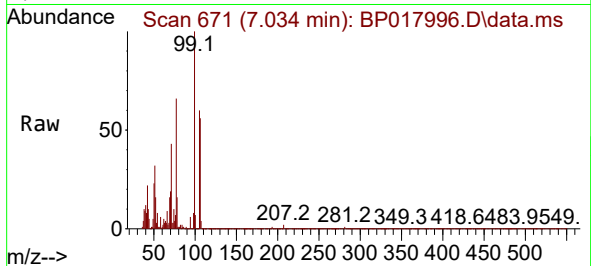




#6
Benzaldehyde
Concen: 21.587 ng/ul
RT: 7.034 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP017996.D
Acq: 09 Nov 2023 19:33

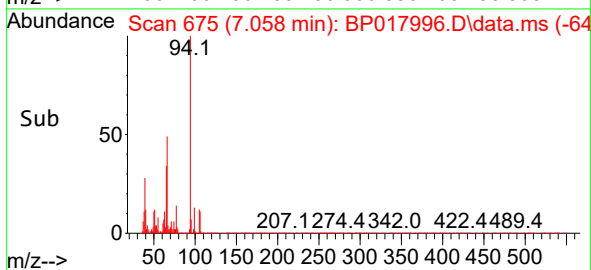
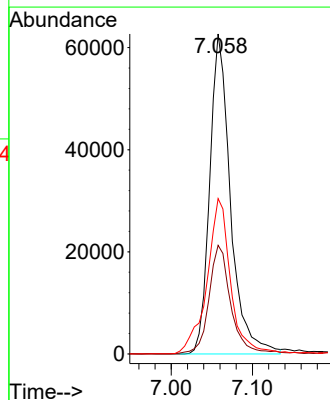
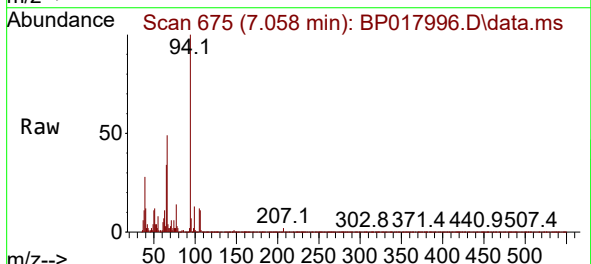
Instrument :
BNA_P
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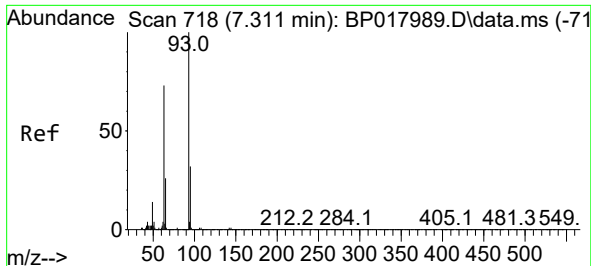
Tgt Ion: 77 Resp: 75210
Ion Ratio Lower Upper
77 100
105 91.0 75.8 113.6
106 85.0 69.6 104.4



#8
Phenol
Concen: 17.859 ng/ul
RT: 7.058 min Scan# 675
Delta R.T. -0.006 min
Lab File: BP017996.D
Acq: 09 Nov 2023 19:33

Tgt Ion: 94 Resp: 111313
Ion Ratio Lower Upper
94 100
65 34.0 26.5 39.7
66 48.6 37.0 55.6

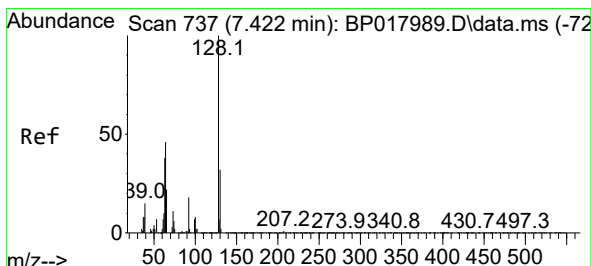
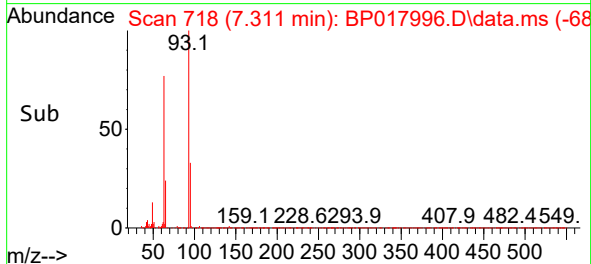
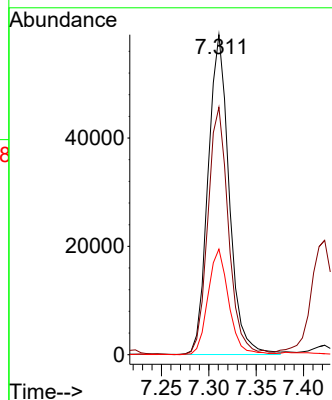
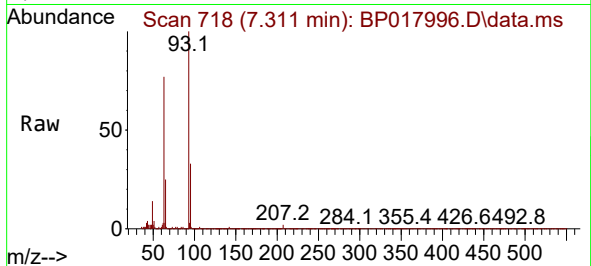




#10
Bis(2-Chloroethyl)ether
Concen: 18.560 ng/ul
RT: 7.311 min Scan# 718
Delta R.T. 0.000 min
Lab File: BP017996.D
Acq: 09 Nov 2023 19:33

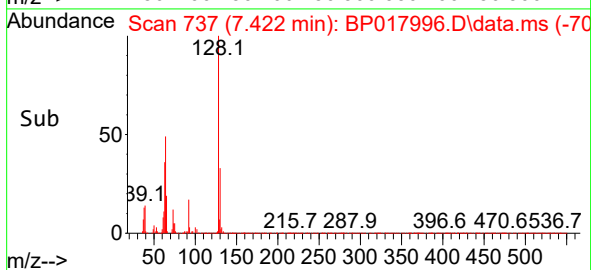
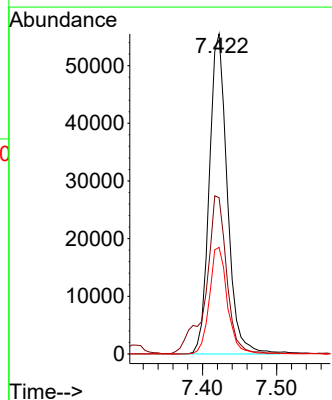
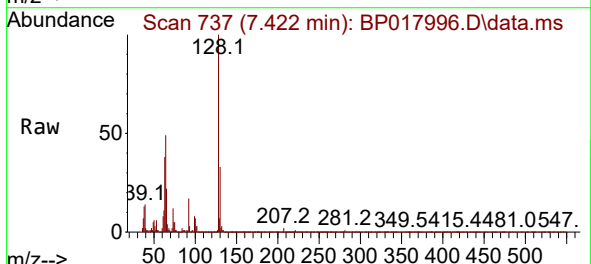
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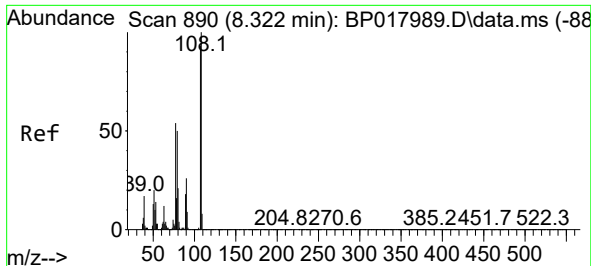
Tgt Ion: 93	Resp:	91307
Ion	Ratio	Lower Upper
93	100	
63	77.3	58.3 87.5
95	33.0	25.9 38.9



#12
2-Chlorophenol
Concen: 18.141 ng/ul
RT: 7.422 min Scan# 737
Delta R.T. 0.000 min
Lab File: BP017996.D
Acq: 09 Nov 2023 19:33

Tgt Ion: 128	Resp:	93456
Ion	Ratio	Lower Upper
128	100	
64	48.8	38.9 58.3
130	33.3	25.9 38.9





#13

2-Methylphenol

Concen: 18.050 ng/ul

RT: 8.316 min Scan# 890

Delta R.T. -0.006 min

Lab File: BP017996.D

Acq: 09 Nov 2023 19:33

Instrument :

BNA_P

ClientSampleId :

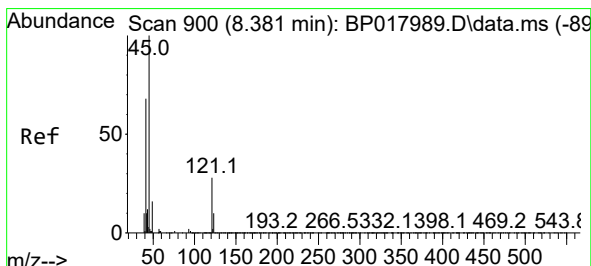
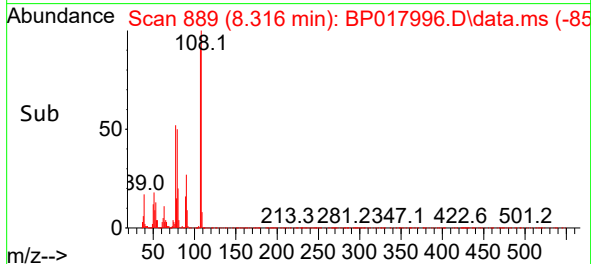
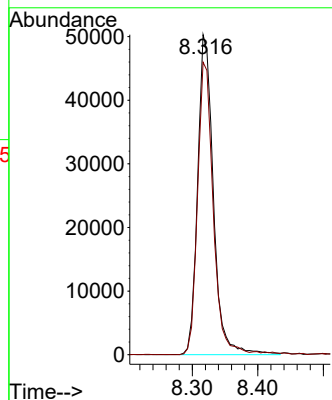
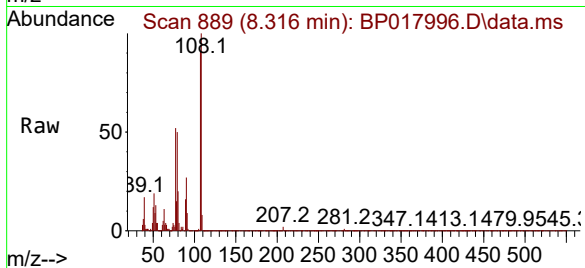
SSTD020663

Tgt Ion:108 Resp: 84318

Ion Ratio Lower Upper

108 100

107 91.4 74.0 111.0



#14

2,2'-oxybis(1-Chloropropane)

Concen: 12.300 ng/ul

RT: 8.375 min Scan# 899

Delta R.T. -0.006 min

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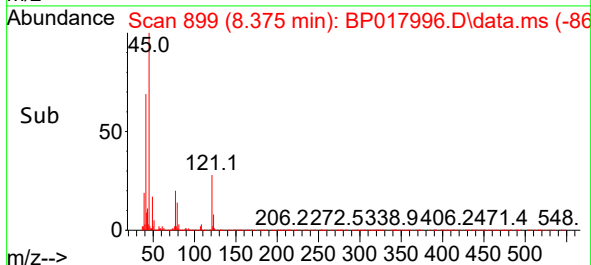
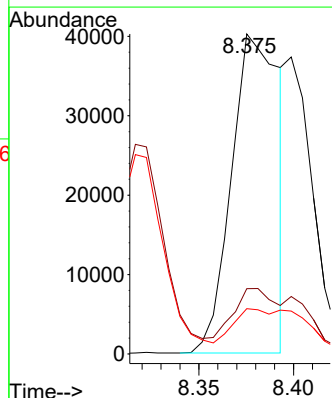
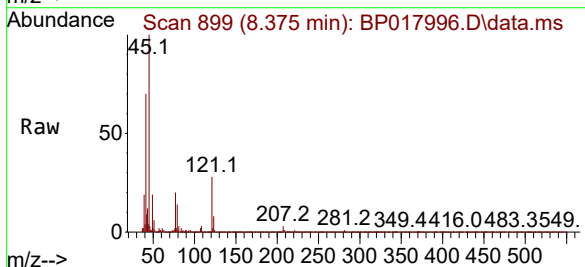
Tgt Ion: 45 Resp: 70125

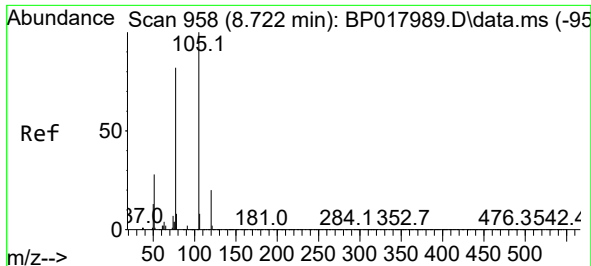
Ion Ratio Lower Upper

45 100

77 20.4 16.6 24.8

79 14.1 10.6 16.0

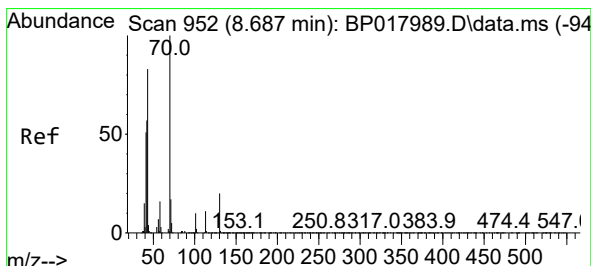
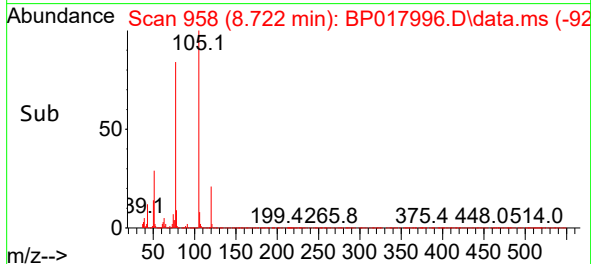
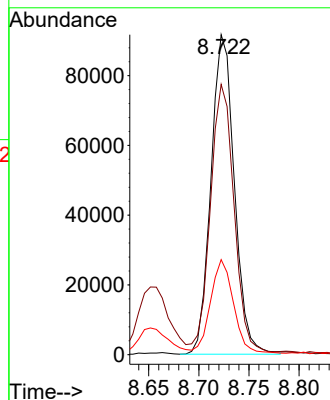
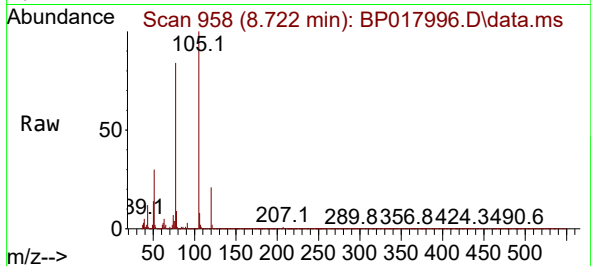




#16
Acetophenone
Concen: 18.309 ng/ul
RT: 8.722 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP017996.D
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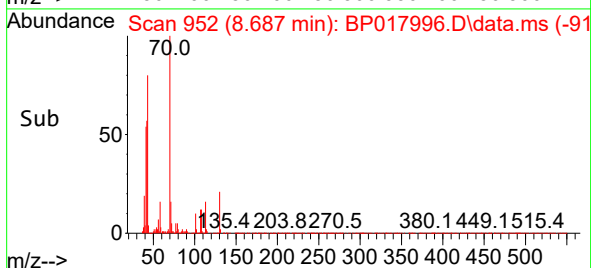
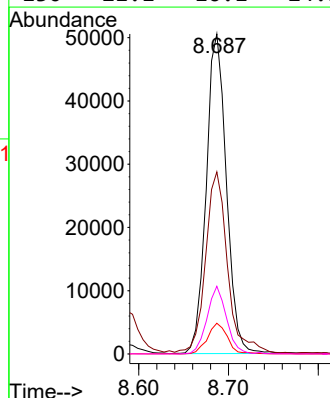
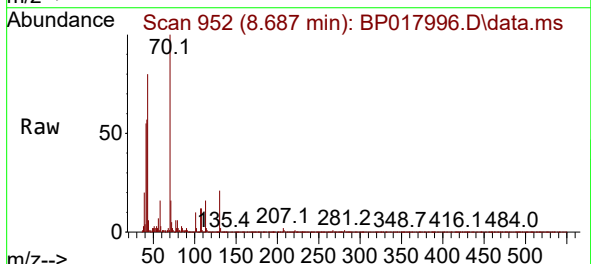
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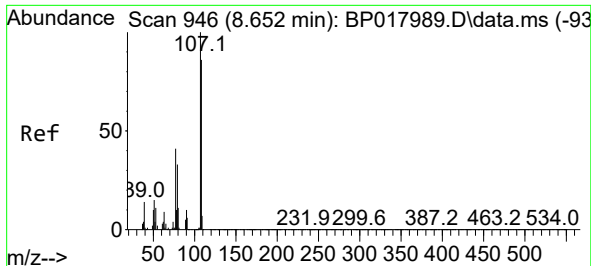
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Ion Ratio Lower Upper
105 100
77 84.4 68.2 102.4
51 29.7 24.1 36.1



#17
N-Nitroso-di-n-propylamine
Concen: 17.729 ng/ul
RT: 8.687 min Scan# 952
Delta R.T. 0.000 min
Lab File: BP017996.D
Acq: 09 Nov 2023 19:33

Tgt Ion: 70 Resp: 78825
Ion Ratio Lower Upper
70 100
42 56.9 46.7 70.1
101 9.6 7.7 11.5
130 21.1 16.1 24.1

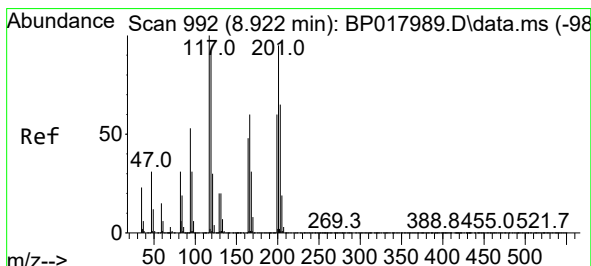
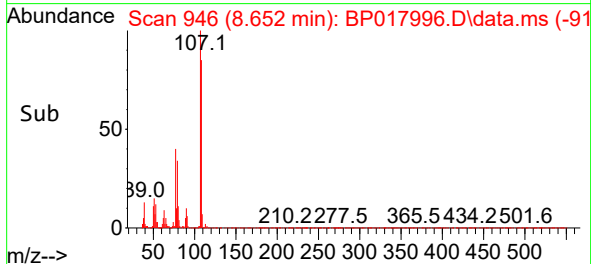
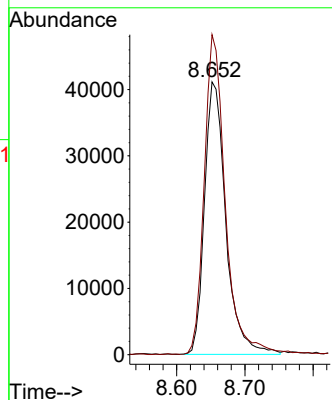
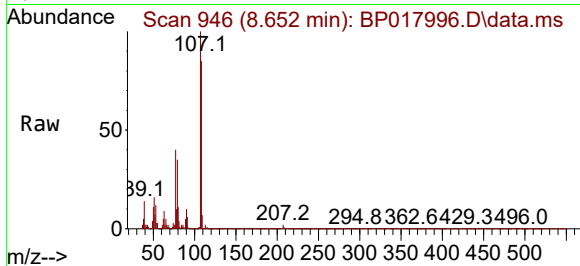




#18
4-Methylphenol
Concen: 17.723 ng/ul
RT: 8.652 min Scan# 946
Delta R.T. 0.000 min
Lab File: BP017996.D
Acq: 09 Nov 2023 19:33

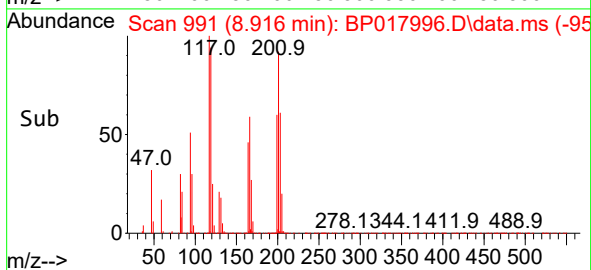
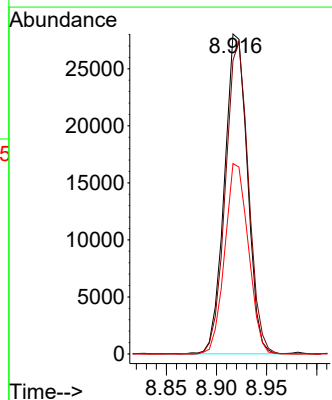
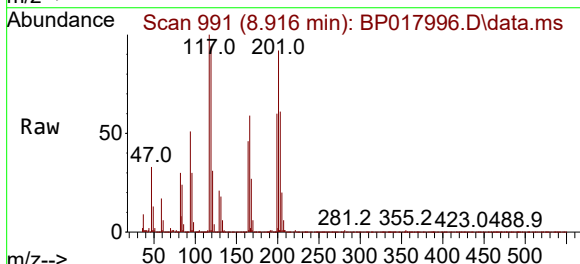
Instrument :
BNA_P
ClientSampleId :
SSTD020663

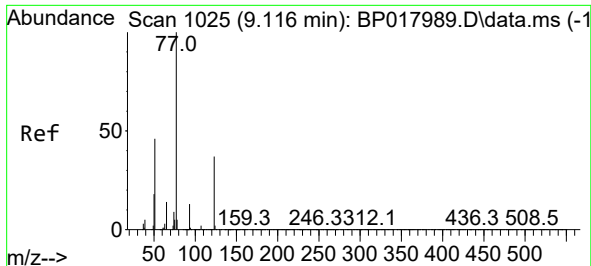
Tgt Ion:108 Resp: 89781
Ion Ratio Lower Upper
108 100
107 117.3 93.1 139.7



#19
Hexachloroethane
Concen: 18.124 ng/ul
RT: 8.916 min Scan# 991
Delta R.T. -0.006 min
Lab File: BP017996.D
Acq: 09 Nov 2023 19:33

Tgt Ion:117 Resp: 44635
Ion Ratio Lower Upper
117 100
201 91.8 76.0 114.0
199 59.5 47.6 71.4

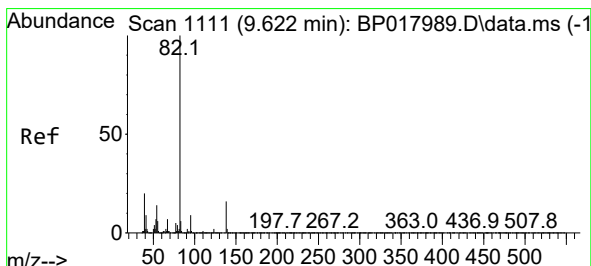
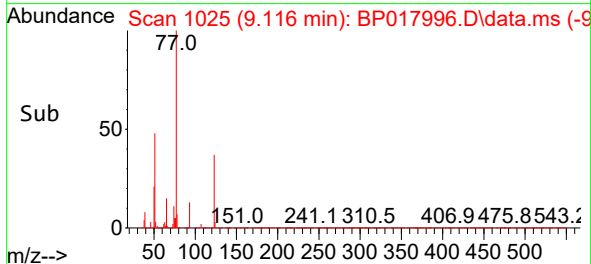
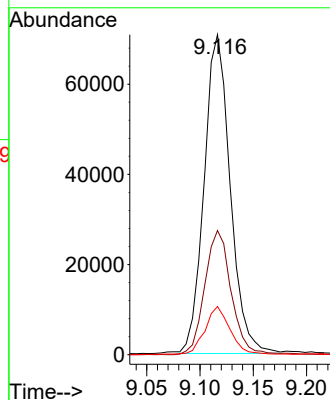
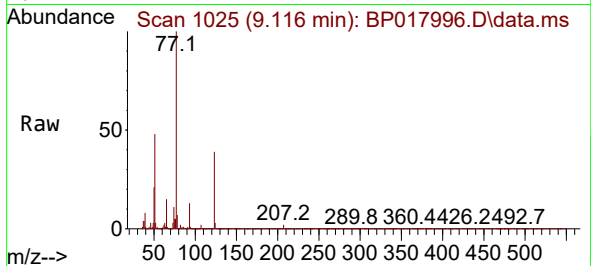




#22
Nitrobenzene
Concen: 17.942 ng/ul
RT: 9.116 min Scan# 1025
Delta R.T. 0.000 min
Lab File: BP017996.D
Acq: 09 Nov 2023 19:33

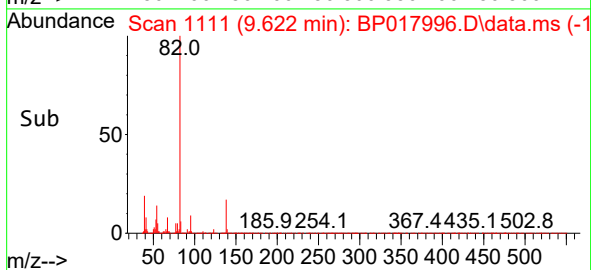
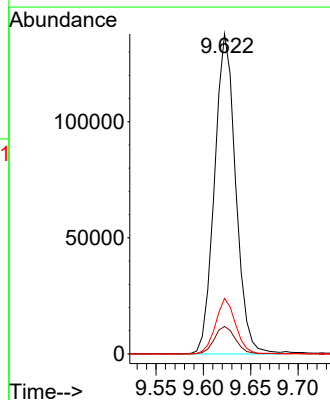
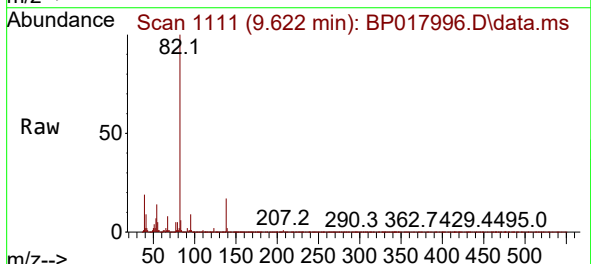
Instrument :
BNA_P
ClientSampleId :
SSTD020663

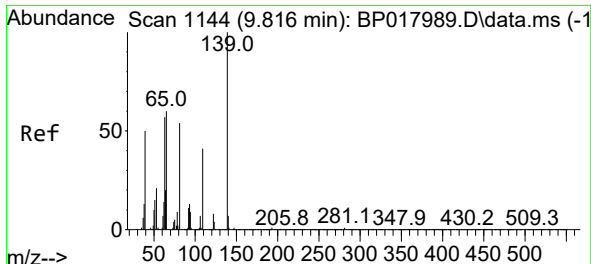
Tgt Ion: 77 Resp: 120893
Ion Ratio Lower Upper
77 100
123 38.8 29.4 44.2
65 15.1 11.4 17.2



#23
Isophorone
Concen: 17.972 ng/ul
RT: 9.622 min Scan# 1111
Delta R.T. 0.000 min
Lab File: BP017996.D
Acq: 09 Nov 2023 19:33

Tgt Ion: 82 Resp: 214404
Ion Ratio Lower Upper
82 100
95 8.6 7.5 11.3
138 17.3 12.5 18.7

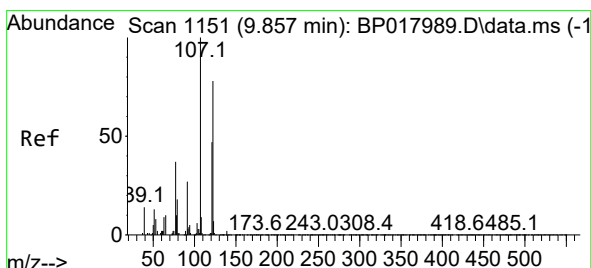
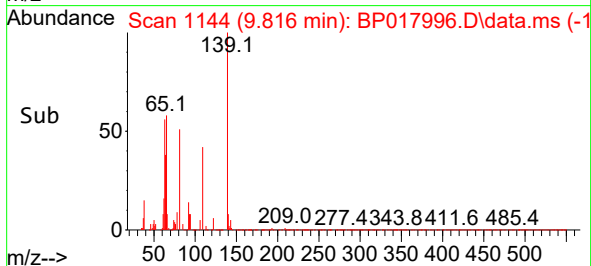
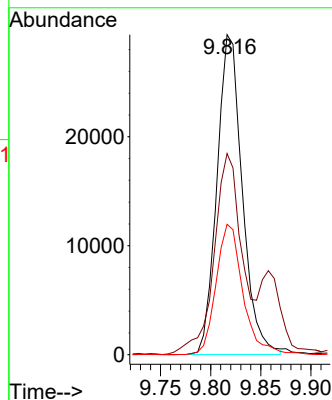
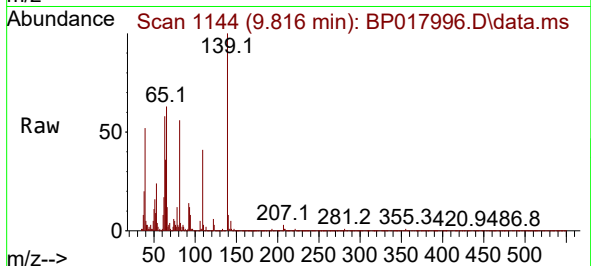




#25
2-Nitrophenol
Concen: 18.184 ng/ul
RT: 9.816 min Scan# 1144
Delta R.T. 0.000 min
Lab File: BP017996.D
Acq: 09 Nov 2023 19:33

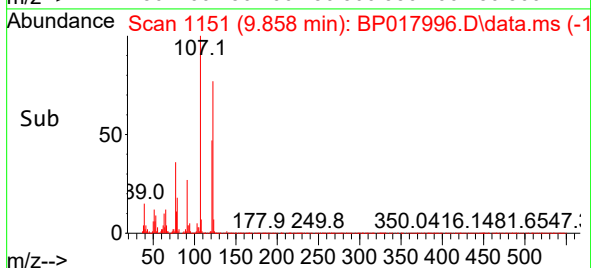
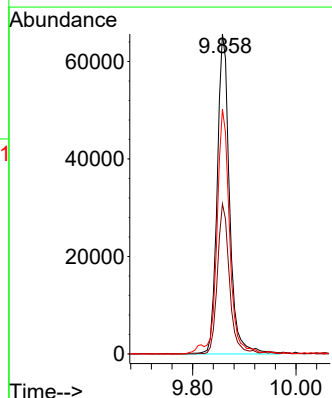
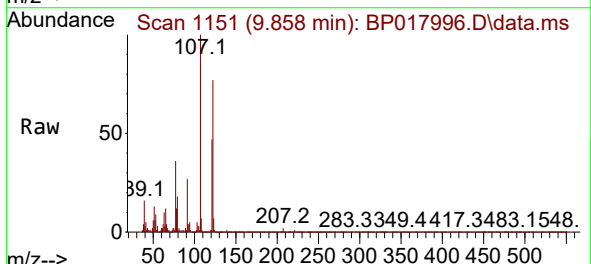
Instrument :
BNA_P
ClientSampleId :
SSTD020663

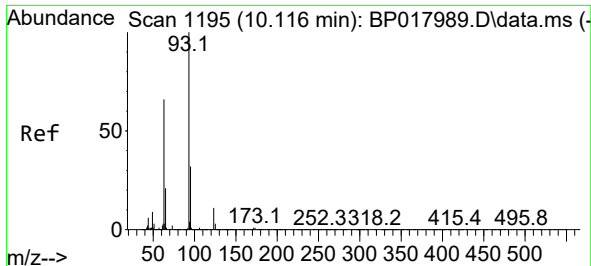
Tgt Ion:139 Resp: 51535
Ion Ratio Lower Upper
139 100
65 62.9 51.6 77.4
109 40.7 33.3 49.9



#26
2,4-Dimethylphenol
Concen: 17.956 ng/ul
RT: 9.858 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BP017996.D
Acq: 09 Nov 2023 19:33

Tgt Ion:107 Resp: 108780
Ion Ratio Lower Upper
107 100
121 46.9 37.8 56.6
122 76.6 62.2 93.2

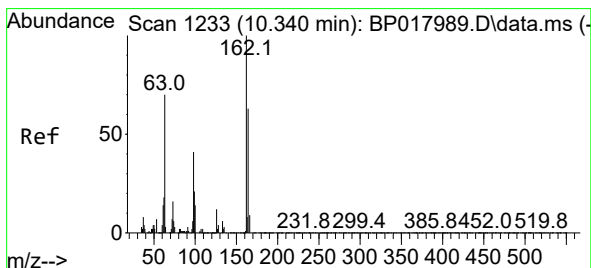
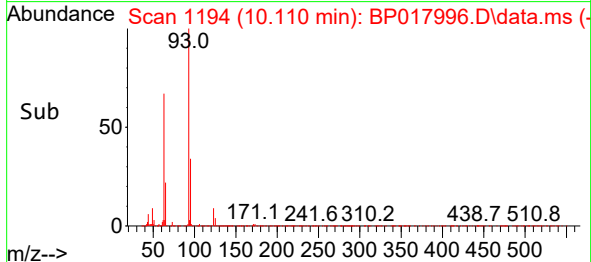
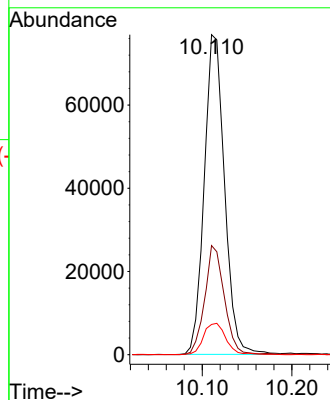
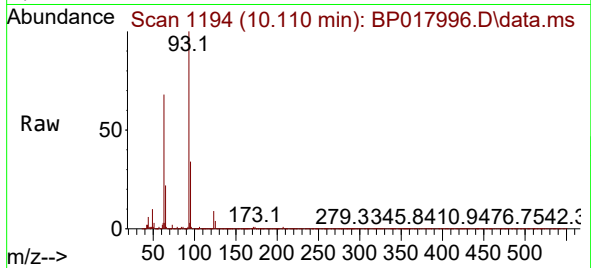




#27
Bis(2-Chloroethoxy)methane
Concen: 17.968 ng/ul
RT: 10.110 min Scan# 1194
Delta R.T. -0.006 min
Lab File: BP017996.D
Acq: 09 Nov 2023 19:33

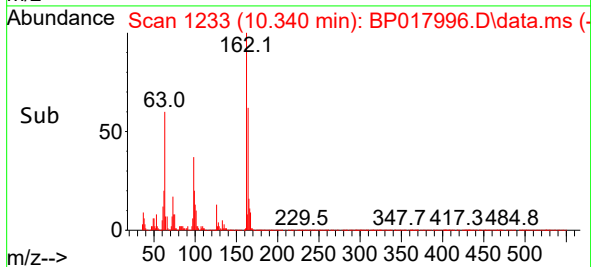
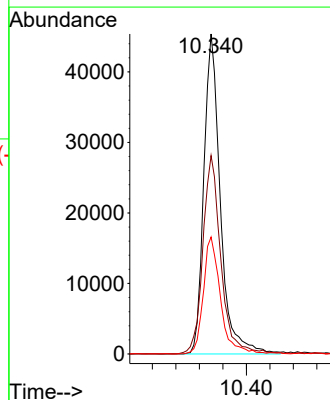
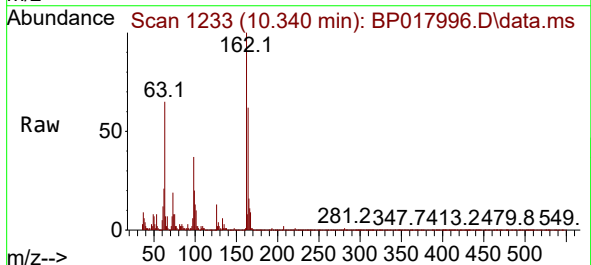
Instrument :
BNA_P
ClientSampleId :
SSTD020663

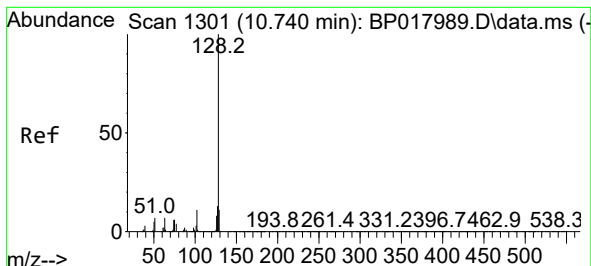
Tgt Ion: 93 Resp: 121014
Ion Ratio Lower Upper
93 100
95 34.1 25.4 38.2
123 9.4 8.5 12.7



#29
2,4-Dichlorophenol
Concen: 18.674 ng/ul
RT: 10.340 min Scan# 1233
Delta R.T. 0.000 min
Lab File: BP017996.D
Acq: 09 Nov 2023 19:33

Tgt Ion: 162 Resp: 88412
Ion Ratio Lower Upper
162 100
164 62.0 51.0 76.6
98 36.5 32.6 48.8





#30

Naphthalene

Concen: 18.119 ng/ul

RT: 10.740 min Scan# 1301

Delta R.T. 0.000 min

Lab File: BP017996.D

Acq: 09 Nov 2023 19:33

Instrument :

BNA_P

ClientSampleId :

SSTD020663

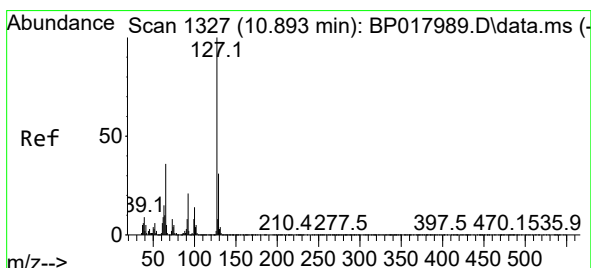
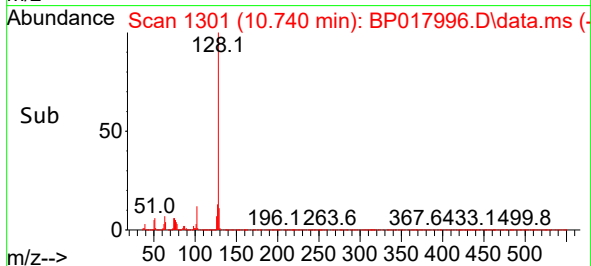
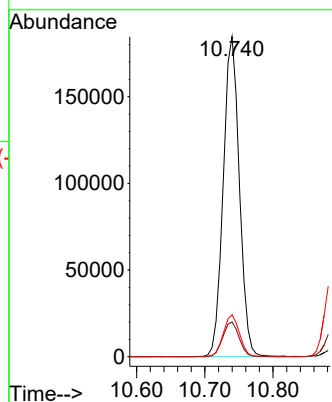
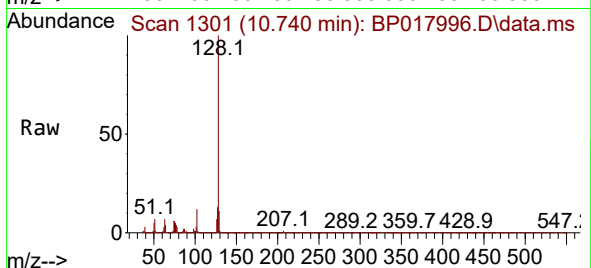
Tgt Ion:128 Resp: 303819

Ion Ratio Lower Upper

128 100

129 10.8 8.6 12.8

127 13.1 10.5 15.7



#32

4-Chloroaniline

Concen: 17.986 ng/ul

RT: 10.893 min Scan# 1327

Delta R.T. 0.000 min

Lab File: BP017996.D

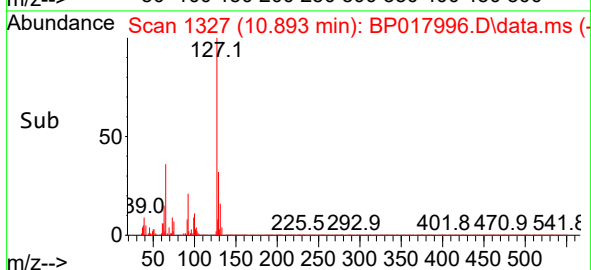
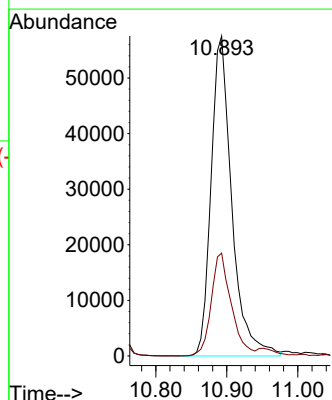
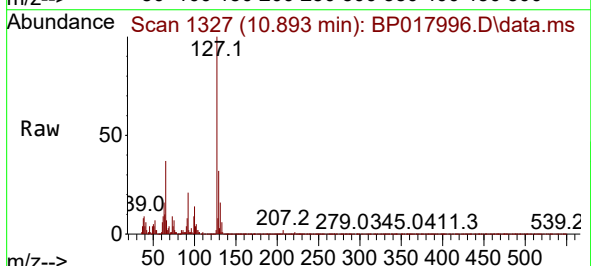
Acq: 09 Nov 2023 19:33

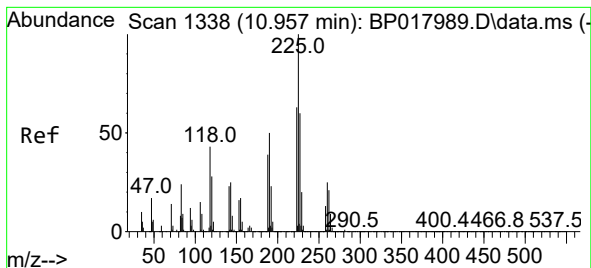
Tgt Ion:127 Resp: 116424

Ion Ratio Lower Upper

127 100

129 32.1 24.8 37.2





#33

Hexachlorobutadiene

Concen: 18.593 ng/ul

RT: 10.957 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP017996.D

Acq: 09 Nov 2023 19:33

Instrument :

BNA_P

ClientSampleId :

SSTD020663

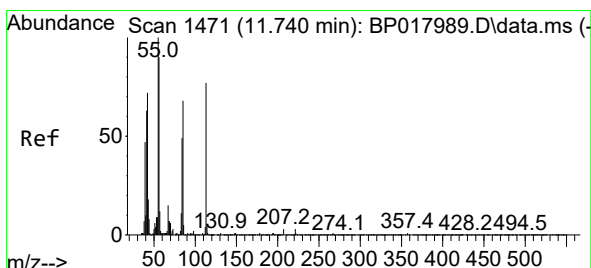
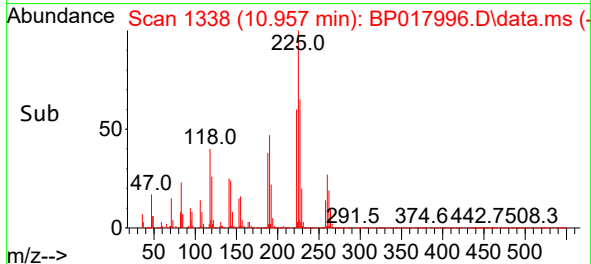
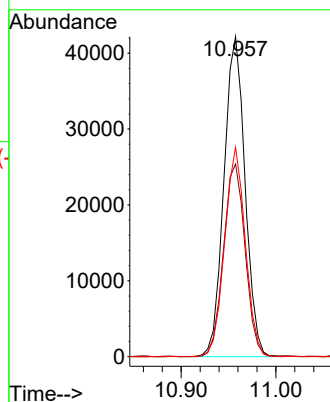
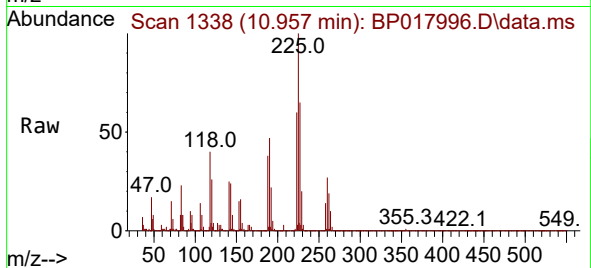
Tgt Ion:225 Resp: 65401

Ion Ratio Lower Upper

225 100

223 60.2 50.6 75.8

227 65.4 47.9 71.9



#34

Caprolactam

Concen: 16.831 ng/ul

RT: 11.734 min Scan# 1470

Delta R.T. -0.006 min

Lab File: BP017996.D

Acq: 09 Nov 2023 19:33

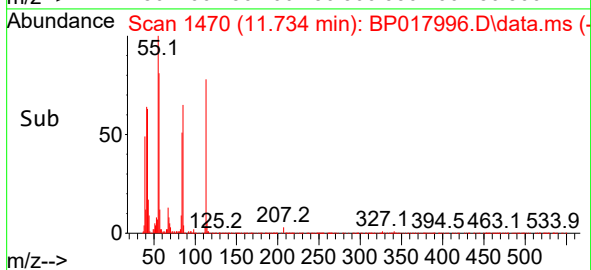
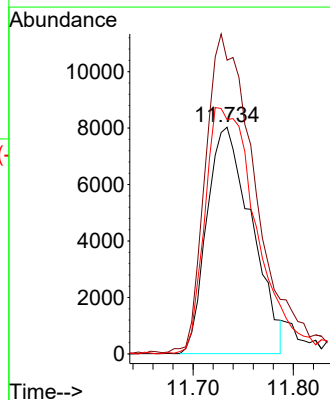
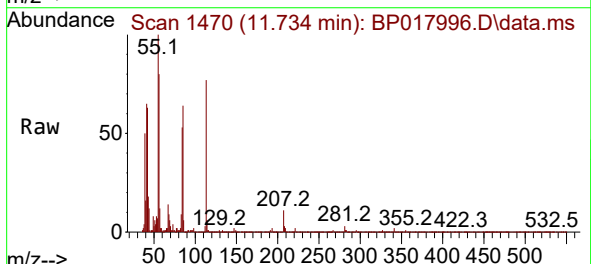
Tgt Ion:113 Resp: 24907

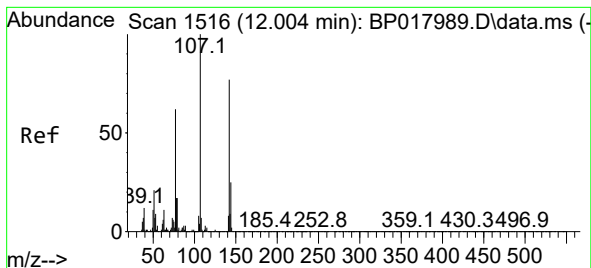
Ion Ratio Lower Upper

113 100

55 129.6 105.3 157.9

56 103.4 94.2 141.2

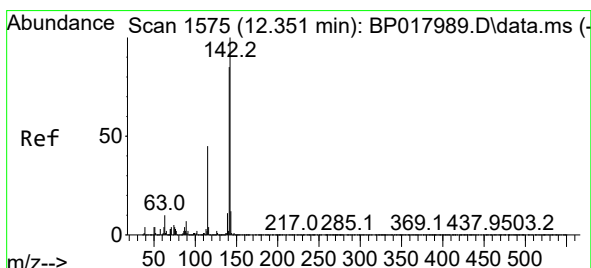
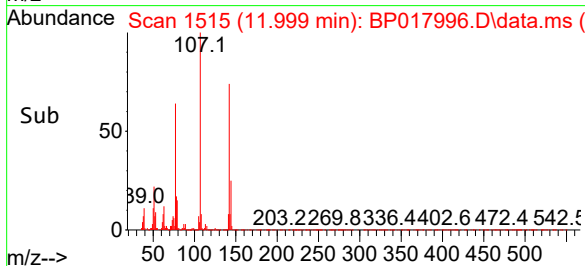
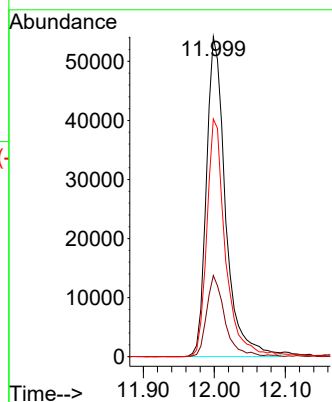
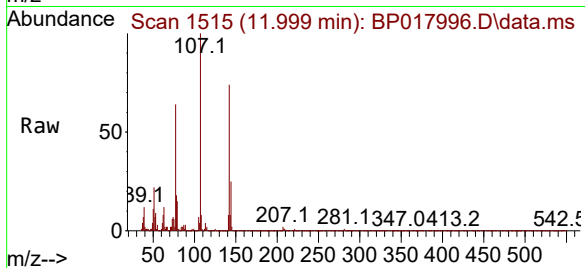




#35
4-Chloro-3-methylphenol
Concen: 17.991 ng/ul
RT: 11.999 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP017996.D
Acq: 09 Nov 2023 19:33

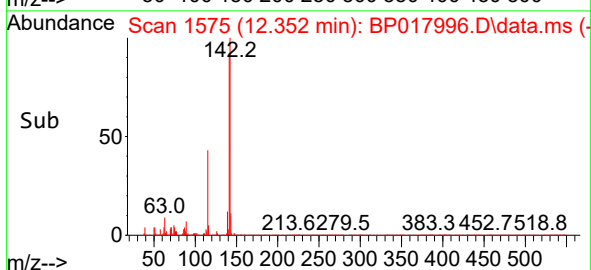
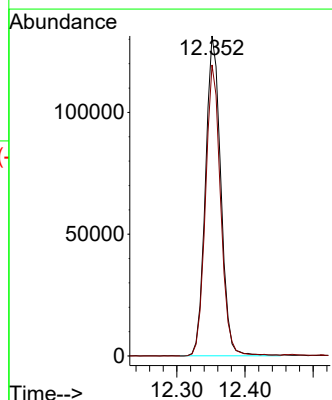
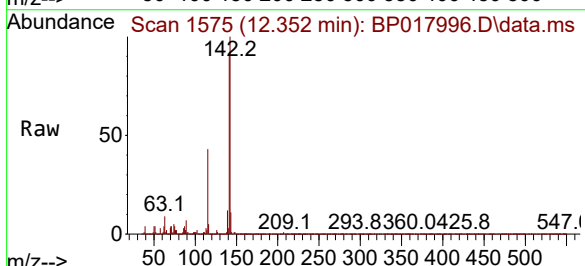
Instrument :
BNA_P
ClientSampleId :
SSTD020663

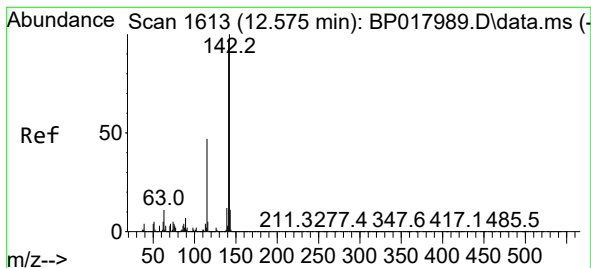
Tgt Ion:107 Resp: 101419
Ion Ratio Lower Upper
107 100
144 25.3 20.0 30.0
142 74.3 61.3 91.9



#36
2-Methylnaphthalene
Concen: 17.934 ng/ul
RT: 12.352 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BP017996.D
Acq: 09 Nov 2023 19:33

Tgt Ion:142 Resp: 205535
Ion Ratio Lower Upper
142 100
141 91.0 68.0 102.0





#37

1-Methylnaphthalene

Concen: 17.809 ng/ul

RT: 12.575 min Scan# 1613

Delta R.T. 0.000 min

Lab File: BP017996.D

Acq: 09 Nov 2023 19:33

Instrument :

BNA_P

ClientSampleId :

SSTD020663

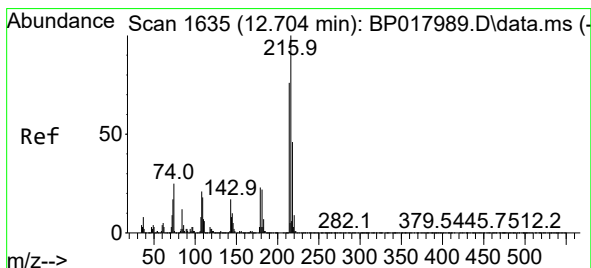
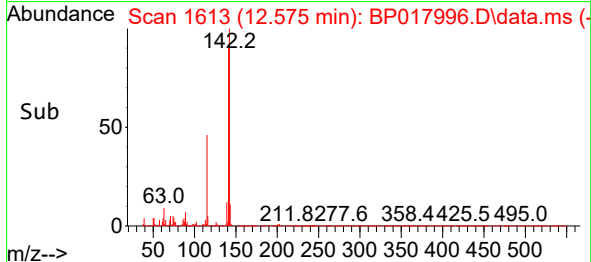
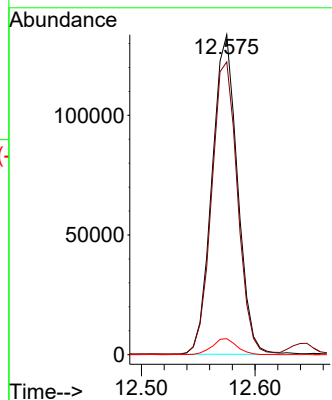
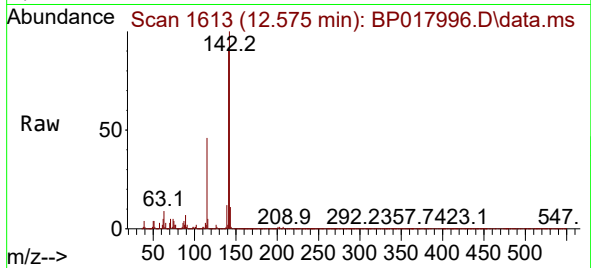
Tgt Ion:142 Resp: 207927

Ion Ratio Lower Upper

142 100

141 91.5 77.9 116.9

116 5.0 3.9 5.9



#39

1,2,4,5-Tetrachlorobenzene

Concen: 18.510 ng/ul

RT: 12.704 min Scan# 1635

Delta R.T. 0.000 min

Lab File: BP017996.D

Acq: 09 Nov 2023 19:33

Tgt Ion:216 Resp: 110710

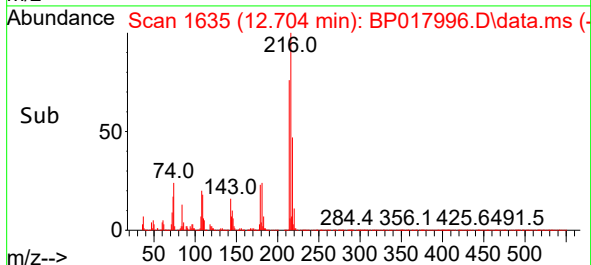
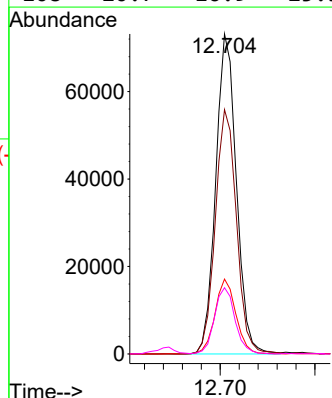
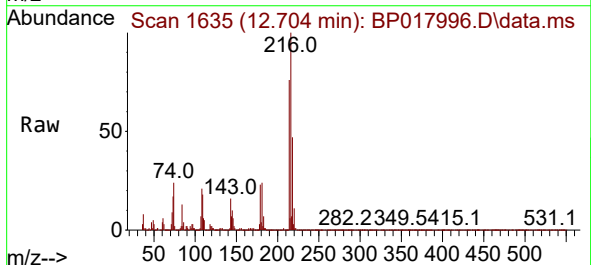
Ion Ratio Lower Upper

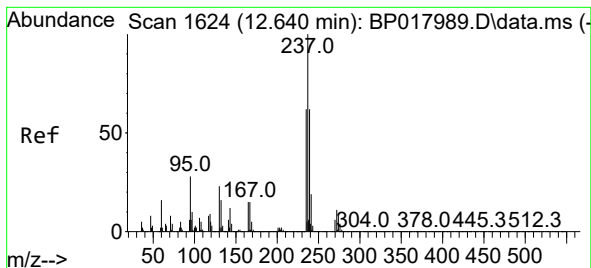
216 100

214 76.3 61.2 91.8

179 23.4 18.6 28.0

108 20.7 16.9 25.3





#40

Hexachlorocyclopentadiene

Concen: 15.770 ng/ul

RT: 12.646 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP017996.D

Acq: 09 Nov 2023 19:33

Instrument :

BNA_P

ClientSampleId :

SSTD020663

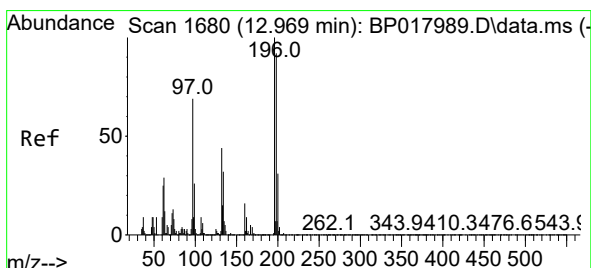
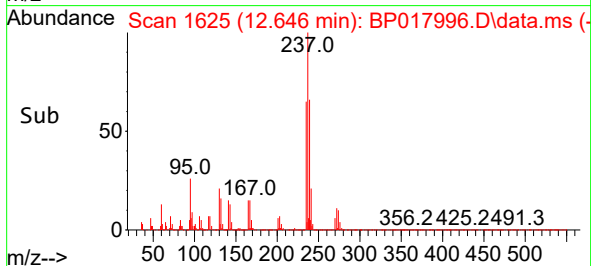
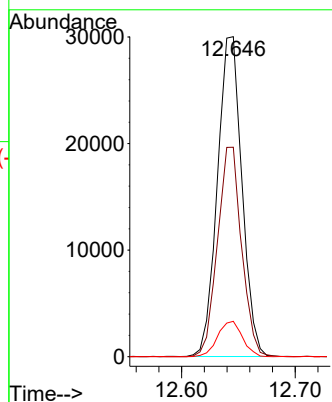
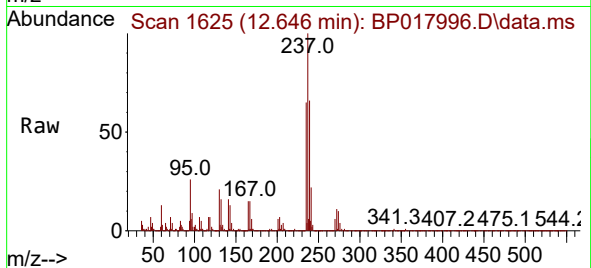
Tgt Ion:237 Resp: 45093

Ion Ratio Lower Upper

237 100

235 65.5 49.4 74.2

272 11.0 8.4 12.6



#41

2,4,6-Trichlorophenol

Concen: 18.076 ng/ul

RT: 12.969 min Scan# 1680

Delta R.T. 0.000 min

Lab File: BP017996.D

Acq: 09 Nov 2023 19:33

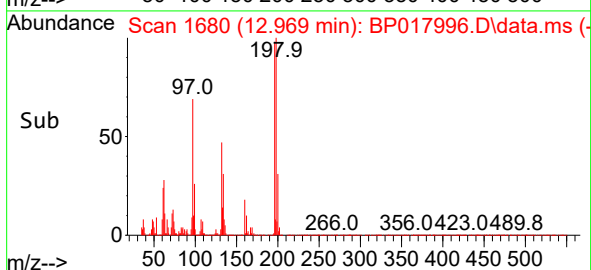
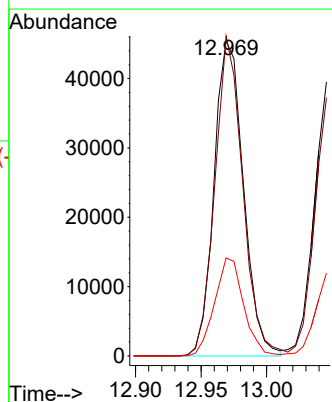
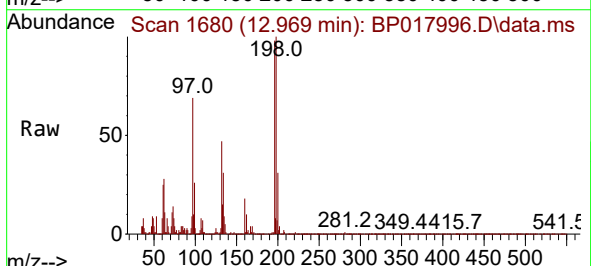
Tgt Ion:196 Resp: 70623

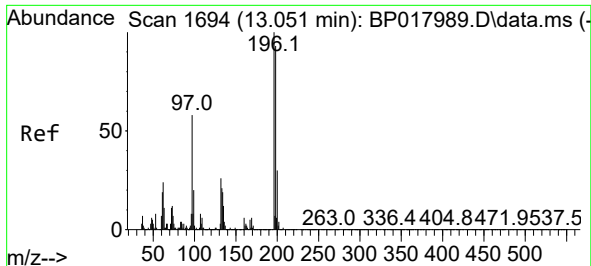
Ion Ratio Lower Upper

196 100

198 101.6 73.5 110.3

200 31.1 25.3 37.9

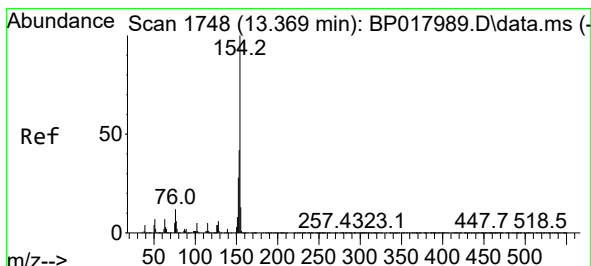
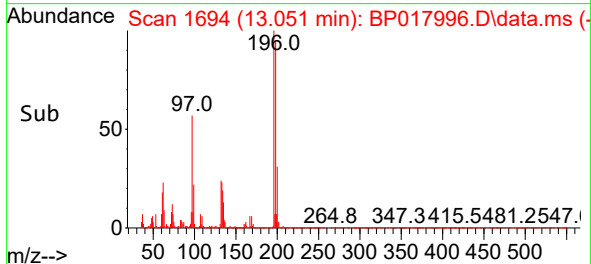
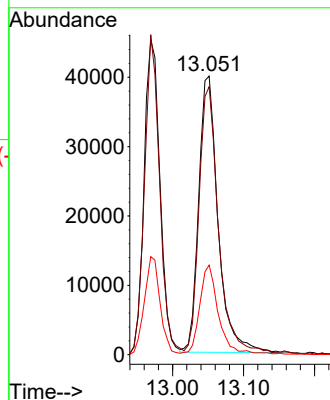
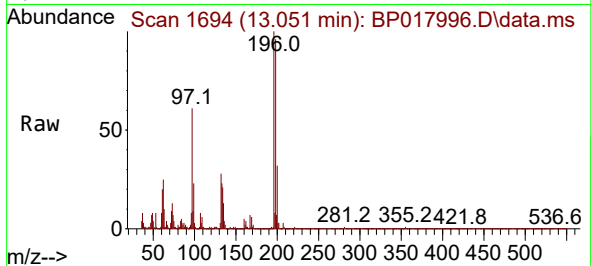




#42
2,4,5-Trichlorophenol
Concen: 18.130 ng/ul
RT: 13.051 min Scan# 1694
Delta R.T. 0.000 min
Lab File: BP017996.D
Acq: 09 Nov 2023 19:33

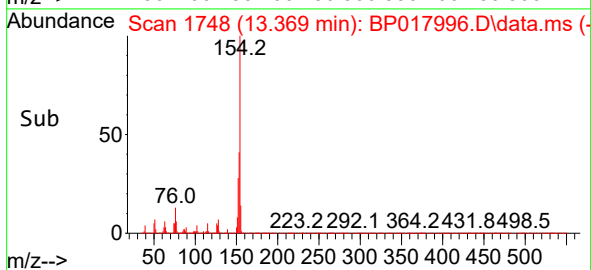
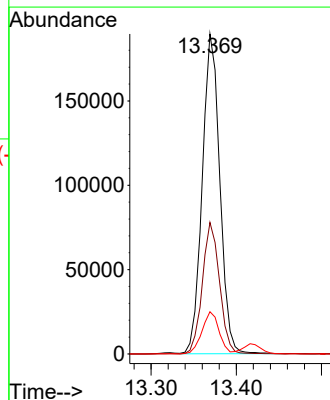
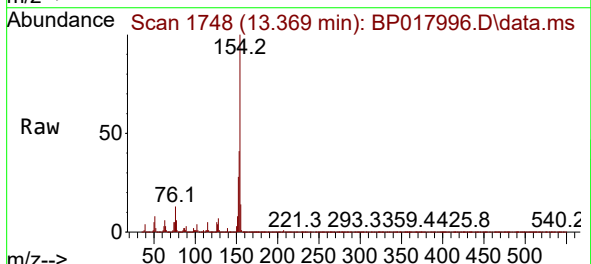
Instrument :
BNA_P
ClientSampleId :
SSTD020663

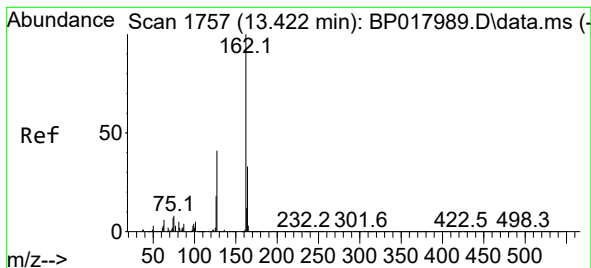
Tgt Ion:196 Resp: 75808
Ion Ratio Lower Upper
196 100
198 96.3 74.4 111.6
200 32.2 23.8 35.8



#43
1,1'-Biphenyl
Concen: 18.122 ng/ul
RT: 13.369 min Scan# 1748
Delta R.T. 0.000 min
Lab File: BP017996.D
Acq: 09 Nov 2023 19:33

Tgt Ion:154 Resp: 271800
Ion Ratio Lower Upper
154 100
153 41.1 33.4 50.2
76 13.2 9.8 14.8





#44

2-Chloronaphthalene

Concen: 18.228 ng/ul

RT: 13.416 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP017996.D

Acq: 09 Nov 2023 19:33

Instrument :

BNA_P

ClientSampleId :

SSTD020663

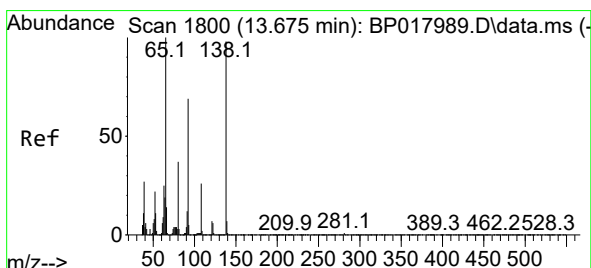
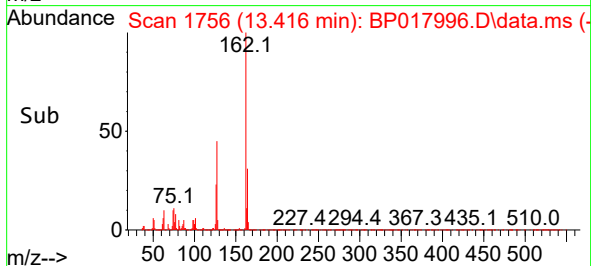
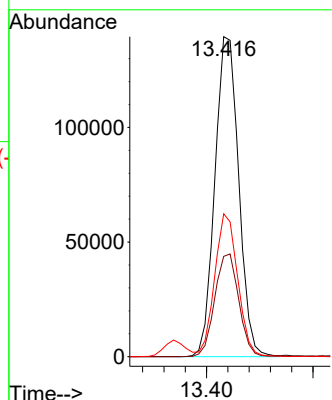
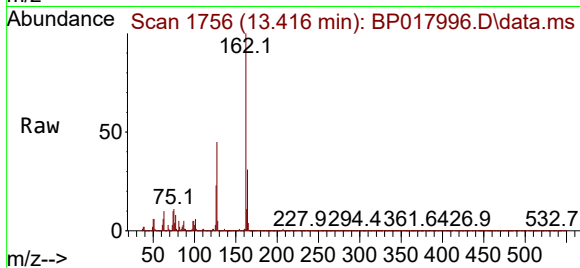
Tgt Ion:162 Resp: 216262

Ion Ratio Lower Upper

162 100

164 31.3 26.2 39.4

127 44.7 34.7 52.1



#45

2-Nitroaniline

Concen: 18.573 ng/ul

RT: 13.675 min Scan# 1800

Delta R.T. 0.000 min

Lab File: BP017996.D

Acq: 09 Nov 2023 19:33

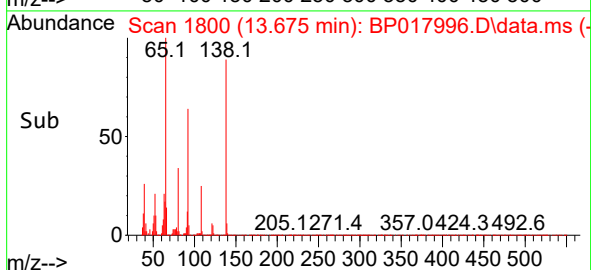
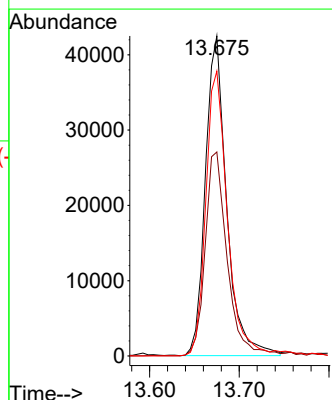
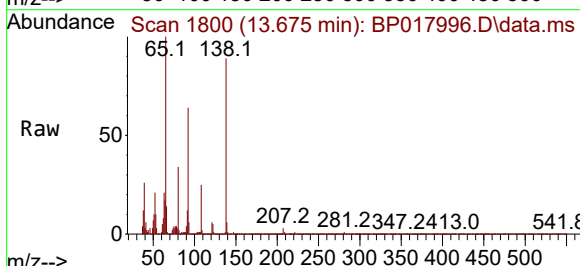
Tgt Ion: 65 Resp: 69708

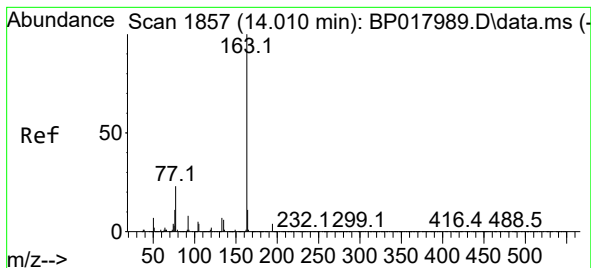
Ion Ratio Lower Upper

65 100

92 63.7 55.0 82.6

138 89.0 78.9 118.3





#47

Dimethylphthalate

Concen: 17.879 ng/ul

RT: 14.010 min Scan# 1857

Delta R.T. 0.000 min

Lab File: BP017996.D

Acq: 09 Nov 2023 19:33

Instrument :

BNA_P

ClientSampleId :

SSTD020663

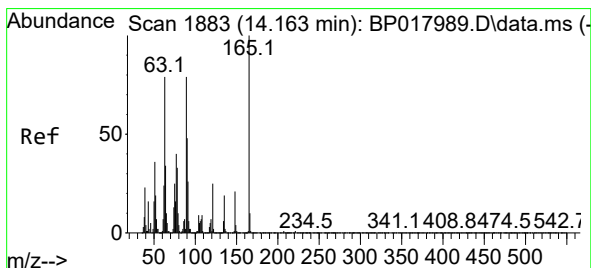
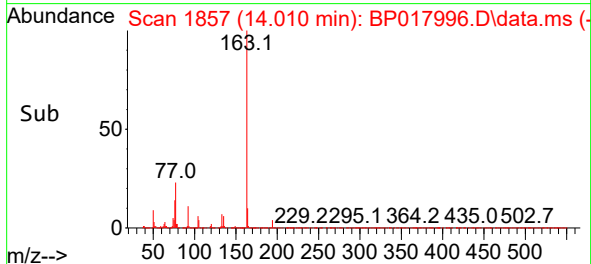
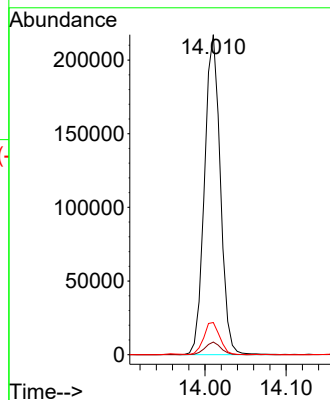
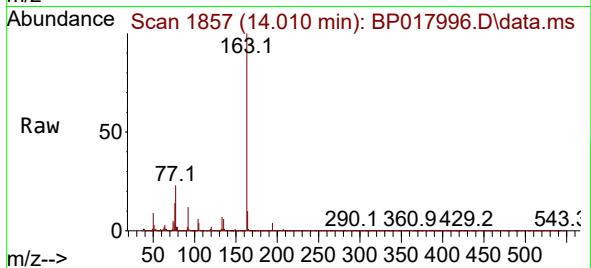
Tgt Ion:163 Resp: 292457

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

164 10.0 8.6 12.8



#48

2,6-Dinitrotoluene

Concen: 18.260 ng/ul

RT: 14.163 min Scan# 1883

Delta R.T. 0.000 min

Lab File: BP017996.D

Acq: 09 Nov 2023 19:33

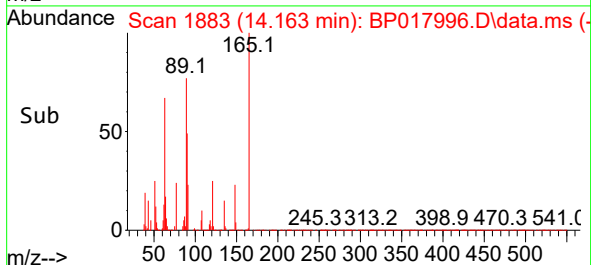
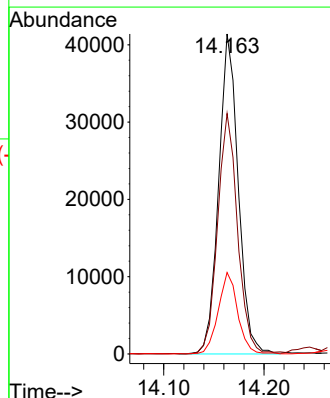
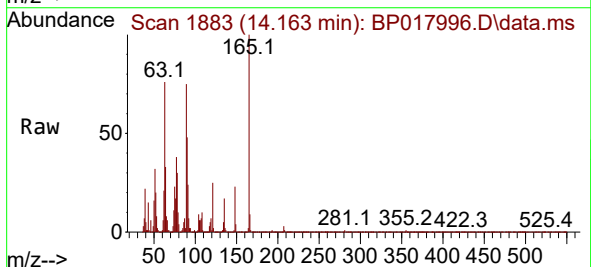
Tgt Ion:165 Resp: 56087

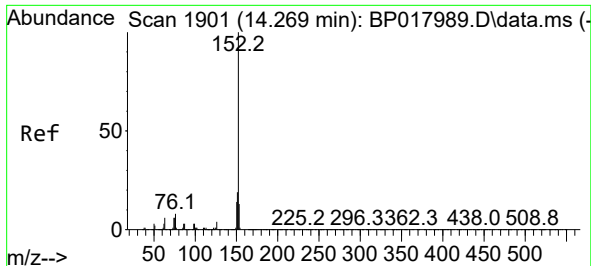
Ion Ratio Lower Upper

165 100

89 75.1 63.2 94.8

121 25.4 19.9 29.9

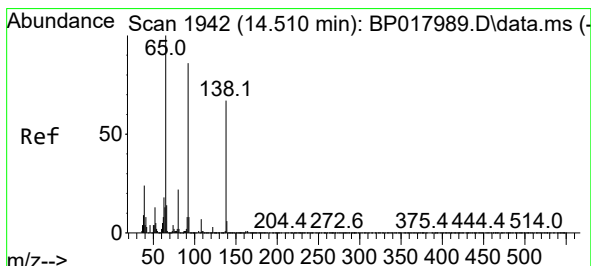
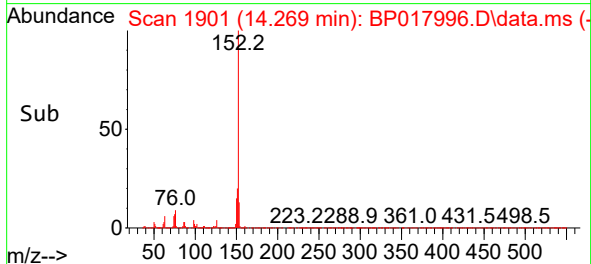
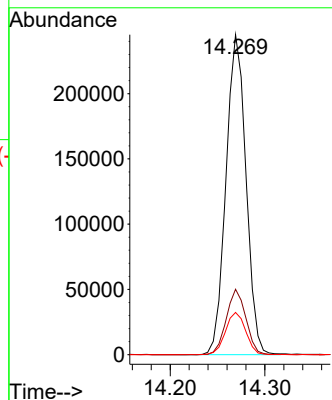
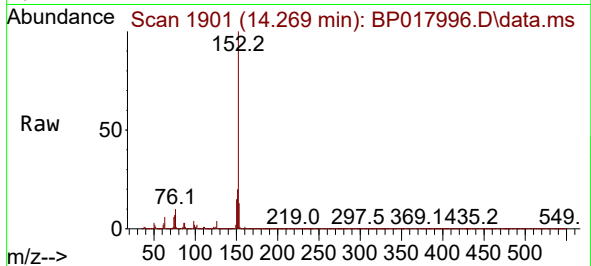




#50
Acenaphthylene
Concen: 18.100 ng/ul
RT: 14.269 min Scan# 1901
Delta R.T. 0.000 min
Lab File: BP017996.D
Acq: 09 Nov 2023 19:33

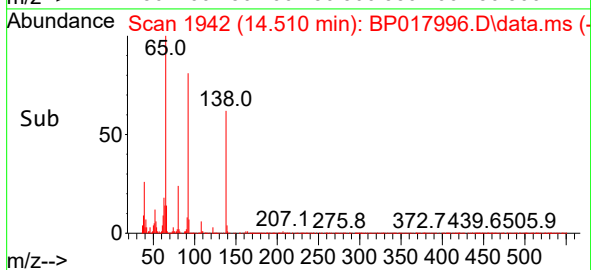
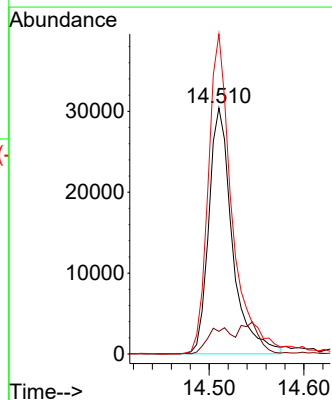
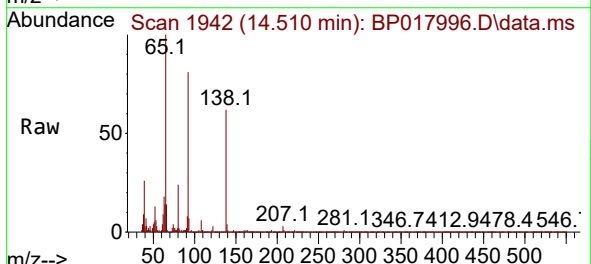
Instrument :
BNA_P
ClientSampleId :
SSTD020663

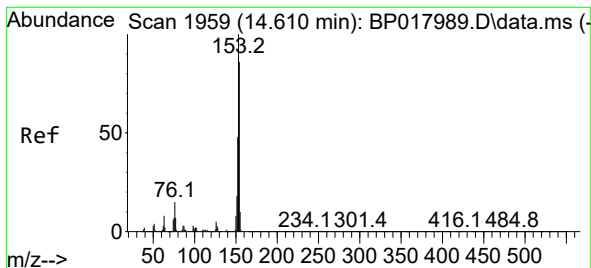
Tgt Ion:152 Resp: 360333
Ion Ratio Lower Upper
152 100
151 20.4 15.5 23.3
153 13.2 10.3 15.5



#51
3-Nitroaniline
Concen: 18.197 ng/ul
RT: 14.510 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BP017996.D
Acq: 09 Nov 2023 19:33

Tgt Ion:138 Resp: 52346
Ion Ratio Lower Upper
138 100
108 9.1 8.6 13.0
92 130.0 103.5 155.3





#52

Acenaphthene

Concen: 18.136 ng/ul

RT: 14.604 min Scan# 1958

Delta R.T. -0.006 min

Lab File: BP017996.D

Acq: 09 Nov 2023 19:33

Instrument :

BNA_P

ClientSampleId :

SSTD020663

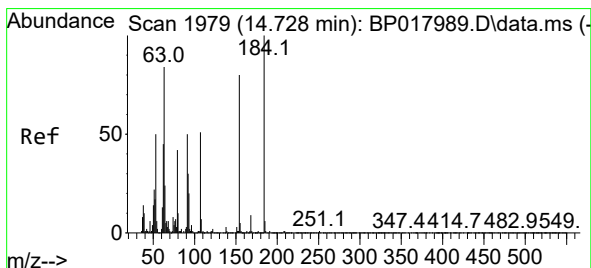
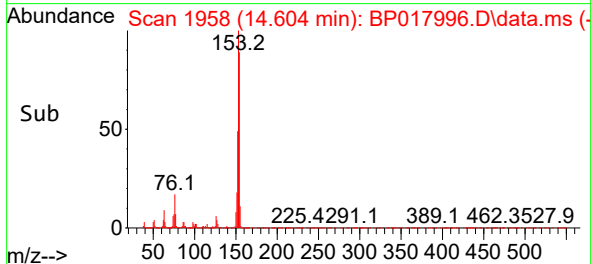
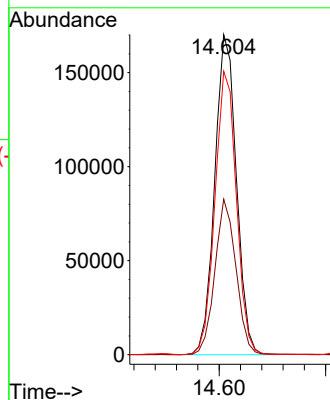
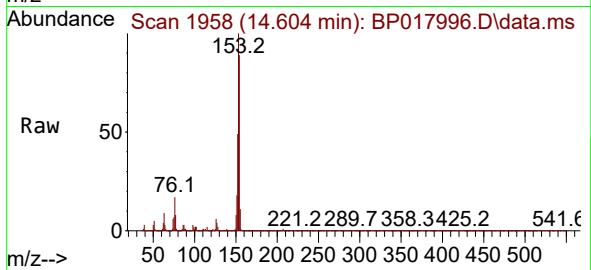
Tgt Ion:153 Resp: 239914

Ion Ratio Lower Upper

153 100

152 48.6 38.2 57.2

154 88.5 68.8 103.2



#53

2,4-Dinitrophenol

Concen: 14.927 ng/ul

RT: 14.722 min Scan# 1978

Delta R.T. -0.006 min

Lab File: BP017996.D

Acq: 09 Nov 2023 19:33

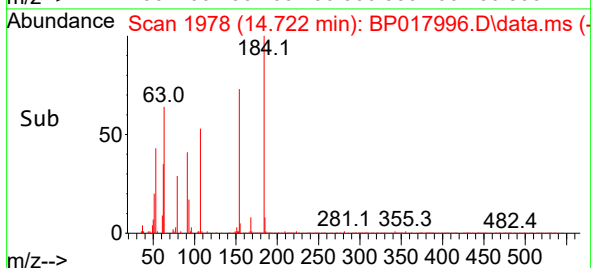
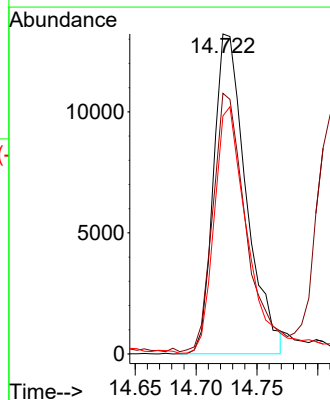
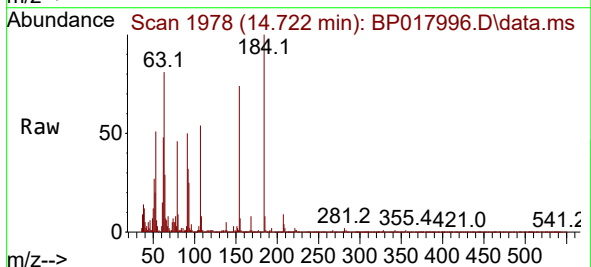
Tgt Ion:184 Resp: 24666

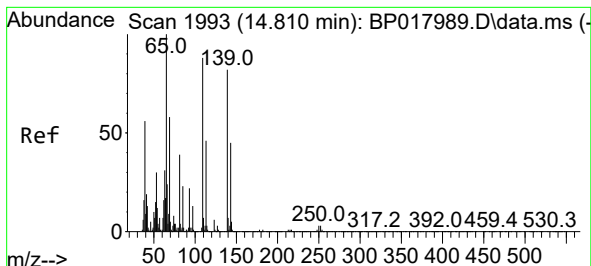
Ion Ratio Lower Upper

184 100

63 81.4 68.0 102.0

154 74.4 64.7 97.1

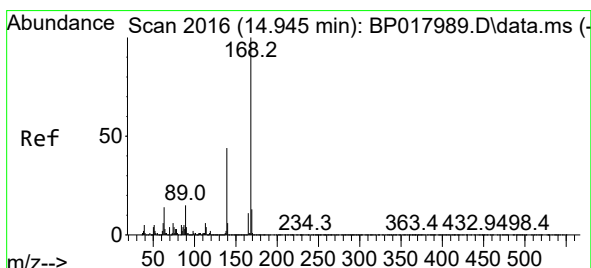
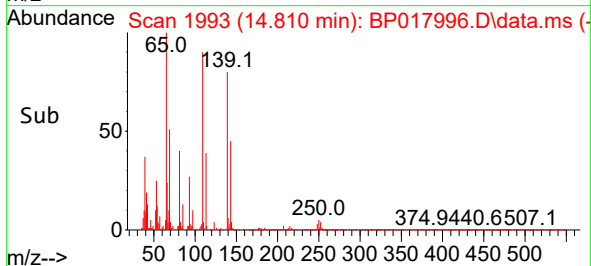
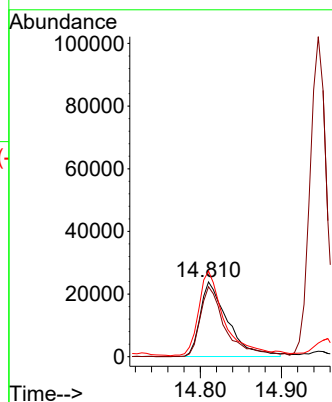
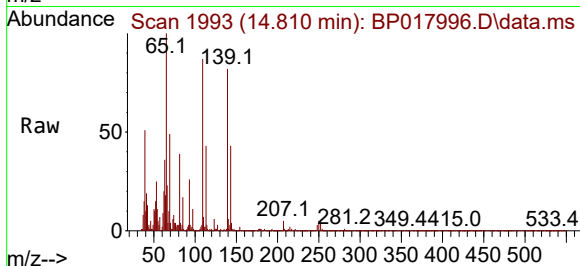




#55
4-Nitrophenol
Concen: 17.294 ng/ul
RT: 14.810 min Scan# 1993
Delta R.T. 0.000 min
Lab File: BP017996.D
Acq: 09 Nov 2023 19:33

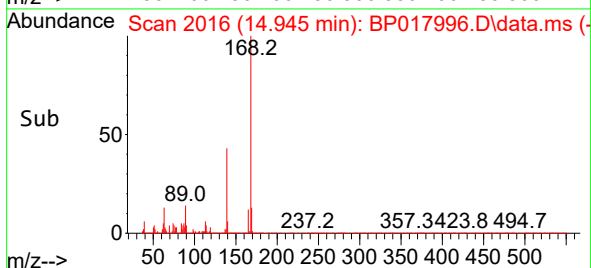
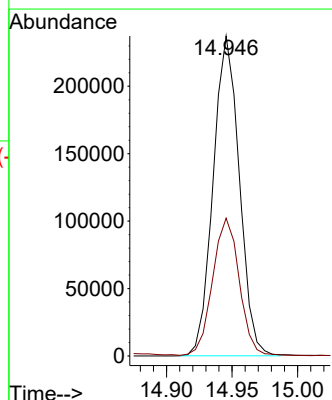
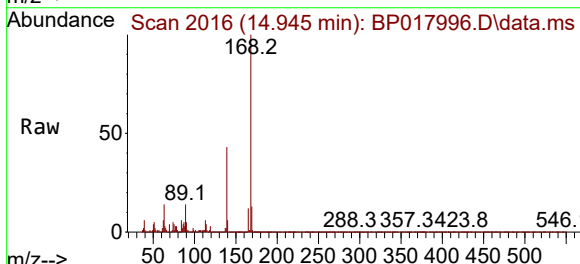
Instrument :
BNA_P
ClientSampleId :
SSTD020663

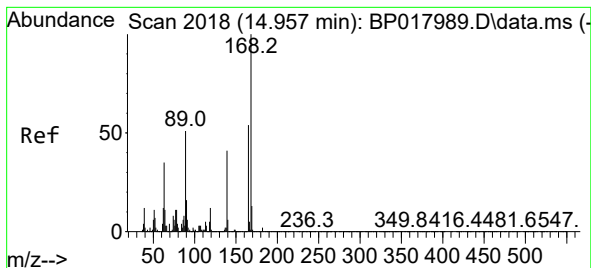
Tgt Ion:109 Resp: 55637
Ion Ratio Lower Upper
109 100
139 93.5 74.8 112.2
65 114.5 92.6 138.8



#56
Dibenzofuran
Concen: 18.014 ng/ul
RT: 14.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BP017996.D
Acq: 09 Nov 2023 19:33

Tgt Ion:168 Resp: 328933
Ion Ratio Lower Upper
168 100
139 43.1 35.1 52.7

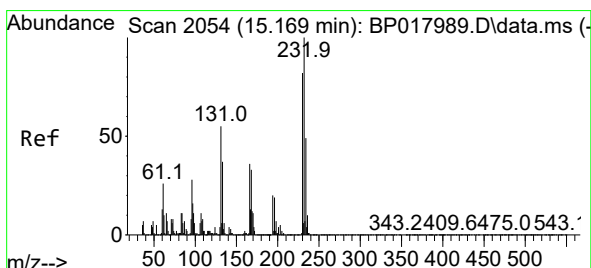
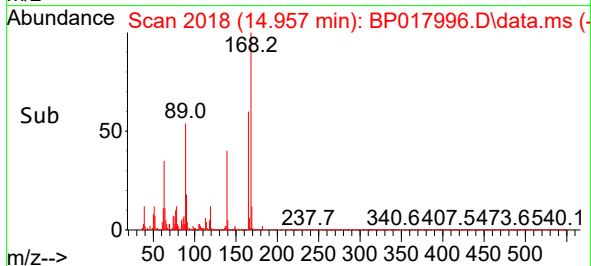
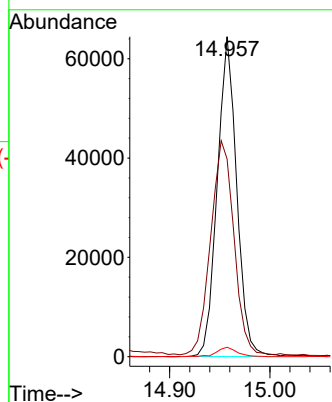
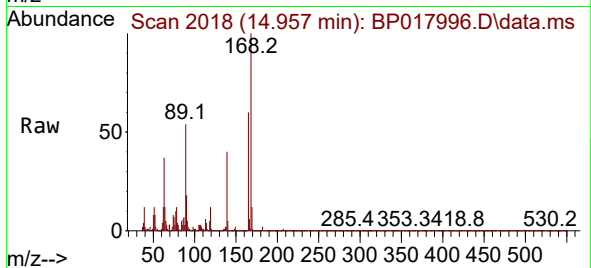




#57
2,4-Dinitrotoluene
Concen: 18.435 ng/ul
RT: 14.957 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BP017996.D
Acq: 09 Nov 2023 19:33

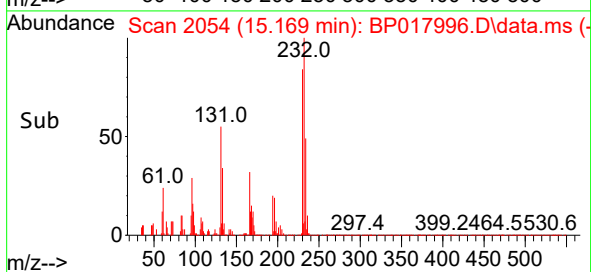
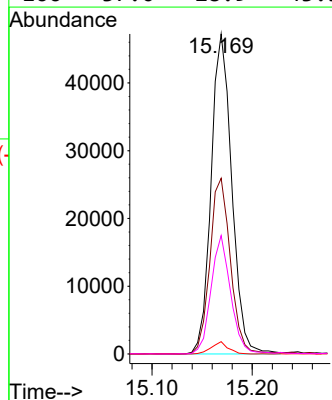
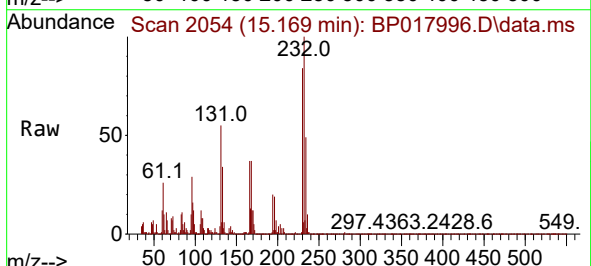
Instrument :
BNA_P
ClientSampleId :
SSTD020663

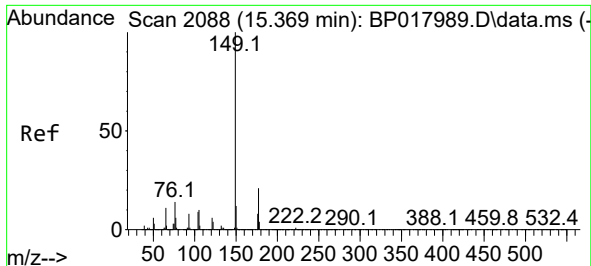
Tgt Ion:165 Resp: 86608
Ion Ratio Lower Upper
165 100
63 61.8 53.2 79.8
182 3.0 2.4 3.6



#58
2,3,4,6-Tetrachlorophenol
Concen: 18.592 ng/ul
RT: 15.169 min Scan# 2054
Delta R.T. 0.000 min
Lab File: BP017996.D
Acq: 09 Nov 2023 19:33

Tgt Ion:232 Resp: 67676
Ion Ratio Lower Upper
232 100
131 54.9 44.1 66.1
130 3.8 2.9 4.3
166 37.0 28.9 43.3

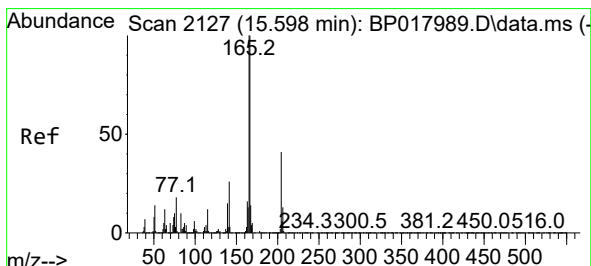
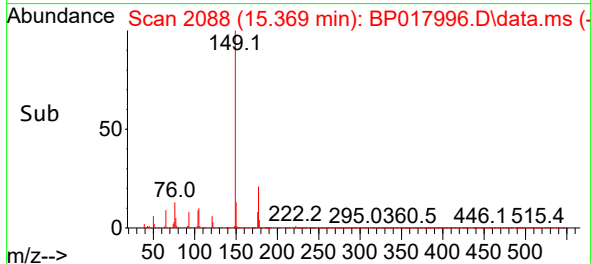
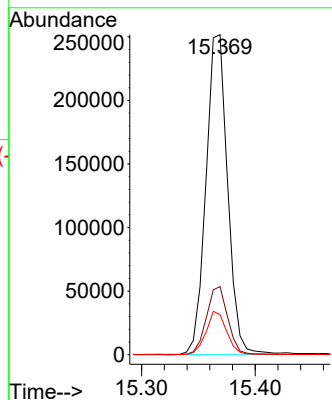
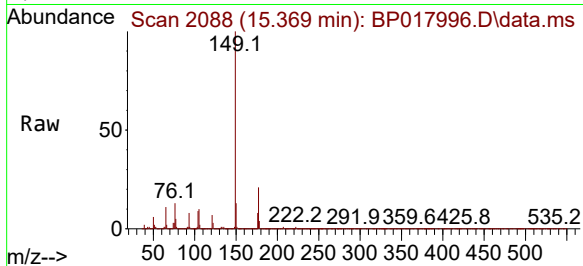




#59
Diethylphthalate
Concen: 12.644 ng/ul
RT: 15.369 min Scan# 2088
Delta R.T. 0.000 min
Lab File: BP017996.D
Acq: 09 Nov 2023 19:33

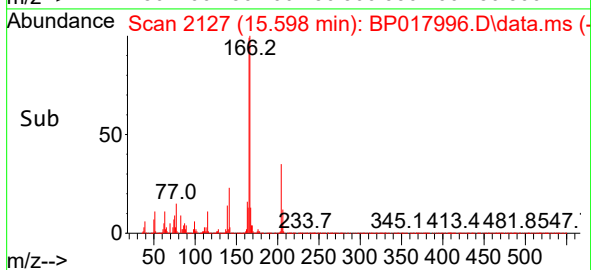
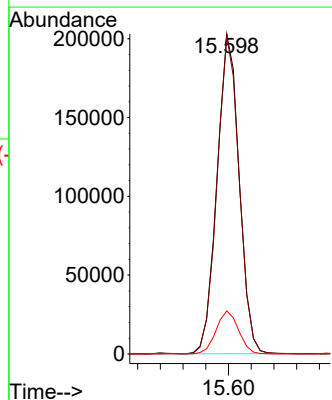
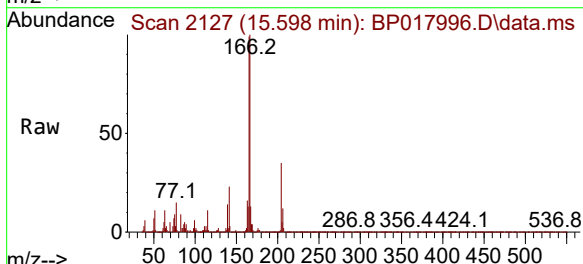
Instrument :
BNA_P
ClientSampleId :
SSTD020663

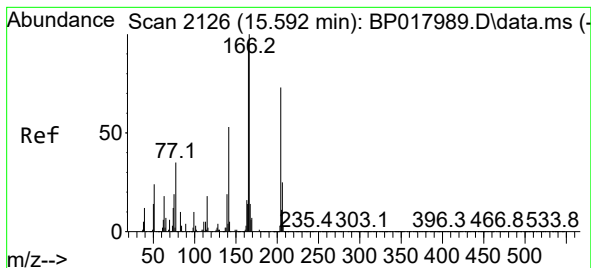
Tgt Ion:149 Resp: 332842
Ion Ratio Lower Upper
149 100
177 21.2 16.7 25.1
150 12.5 9.9 14.9



#61
Fluorene
Concen: 17.892 ng/ul
RT: 15.598 min Scan# 2127
Delta R.T. 0.000 min
Lab File: BP017996.D
Acq: 09 Nov 2023 19:33

Tgt Ion:166 Resp: 275541
Ion Ratio Lower Upper
166 100
165 99.3 80.2 120.2
167 13.4 11.0 16.4

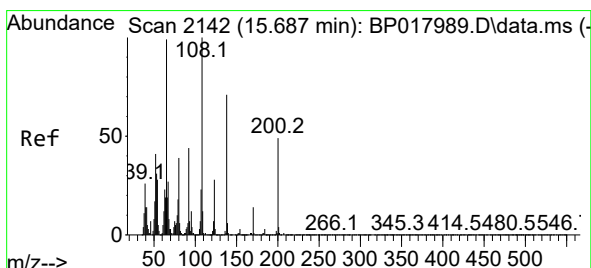
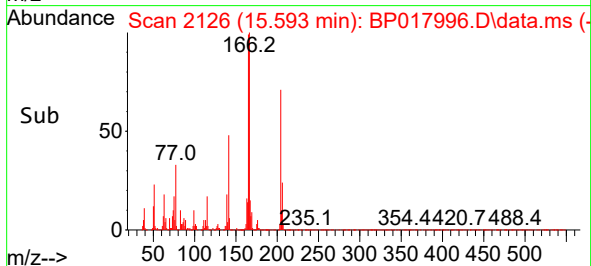
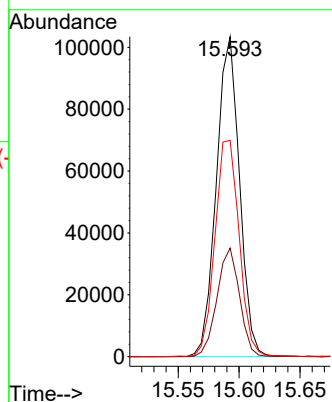
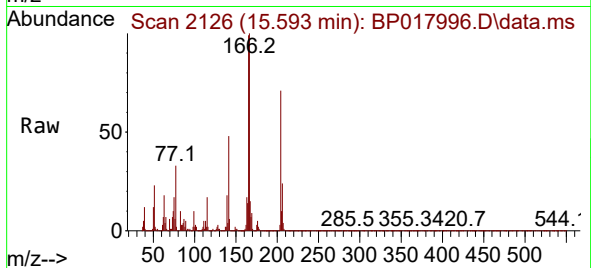




#62
4-Chlorophenyl-phenylether
Concen: 18.113 ng/ul
RT: 15.593 min Scan# 2126
Delta R.T. 0.000 min
Lab File: BP017996.D
Acq: 09 Nov 2023 19:33

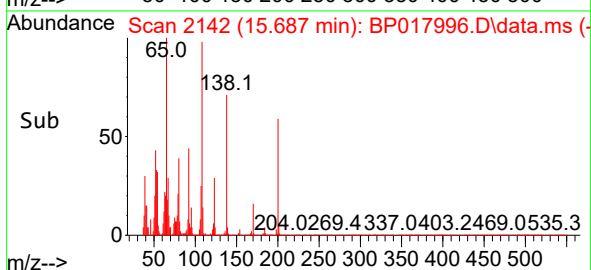
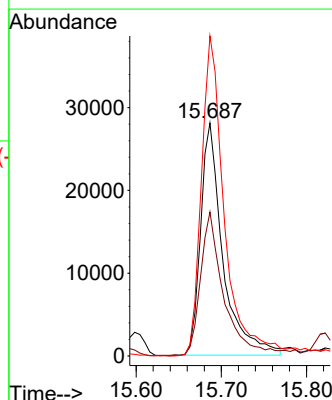
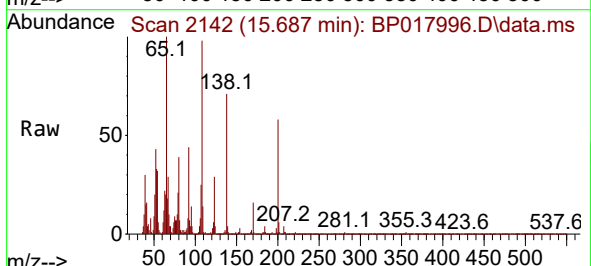
Instrument :
BNA_P
ClientSampleId :
SSTD020663

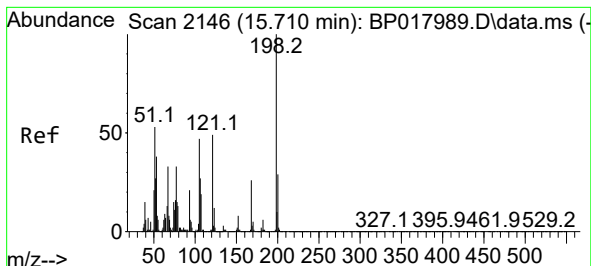
Tgt Ion:204 Resp: 136931
Ion Ratio Lower Upper
204 100
206 33.9 27.8 41.8
141 67.6 58.4 87.6



#63
4-Nitroaniline
Concen: 18.744 ng/ul
RT: 15.687 min Scan# 2142
Delta R.T. 0.000 min
Lab File: BP017996.D
Acq: 09 Nov 2023 19:33

Tgt Ion:138 Resp: 51056
Ion Ratio Lower Upper
138 100
92 61.8 49.4 74.0
108 137.4 112.2 168.4

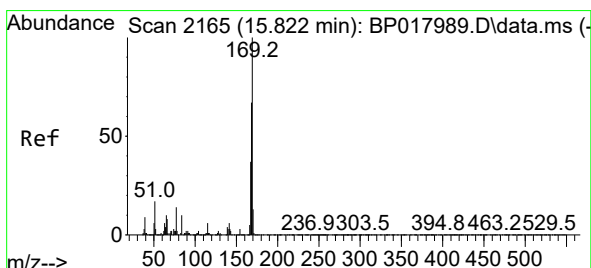
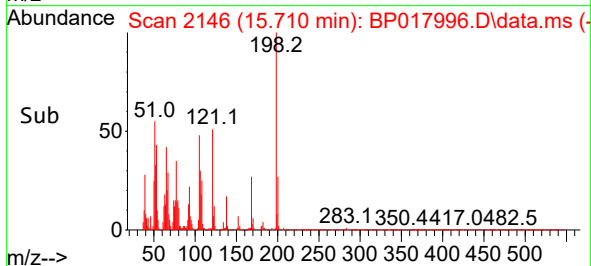
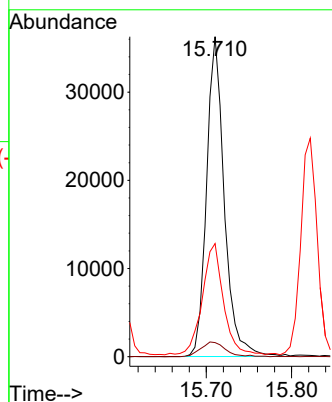
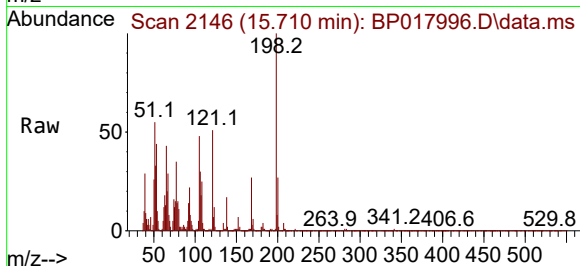




#66
4,6-Dinitro-2-methylphenol
Concen: 17.814 ng/ul
RT: 15.710 min Scan# 2146
Delta R.T. 0.000 min
Lab File: BP017996.D
Acq: 09 Nov 2023 19:33

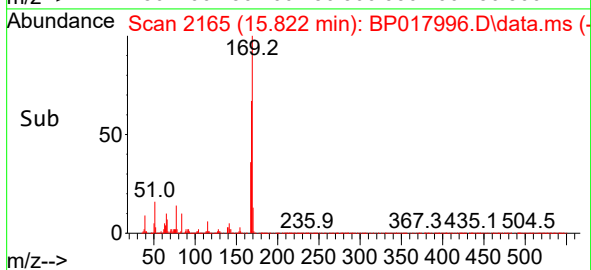
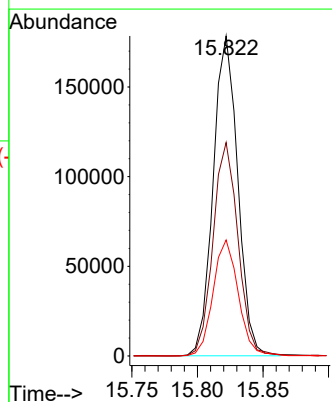
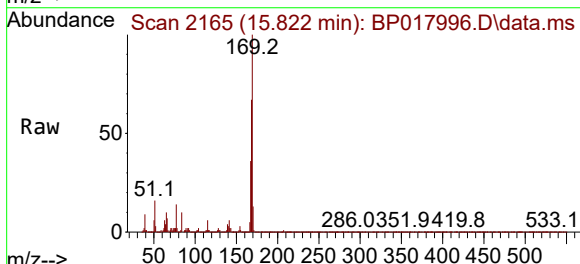
Instrument :
BNA_P
ClientSampleId :
SSTD020663

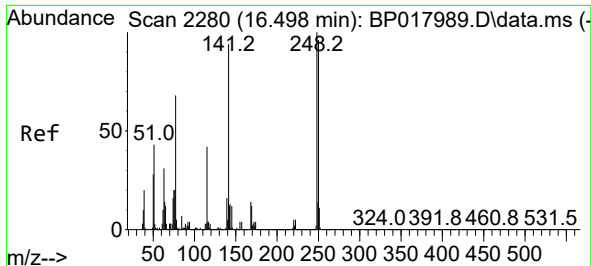
Tgt Ion:198 Resp: 52449
Ion Ratio Lower Upper
198 100
182 4.4 4.6 7.0#
77 35.4 27.8 41.6



#67
N-Nitrosodiphenylamine
Concen: 18.020 ng/ul
RT: 15.822 min Scan# 2165
Delta R.T. 0.000 min
Lab File: BP017996.D
Acq: 09 Nov 2023 19:33

Tgt Ion:169 Resp: 232297
Ion Ratio Lower Upper
169 100
168 66.7 53.9 80.9
167 36.3 29.4 44.0

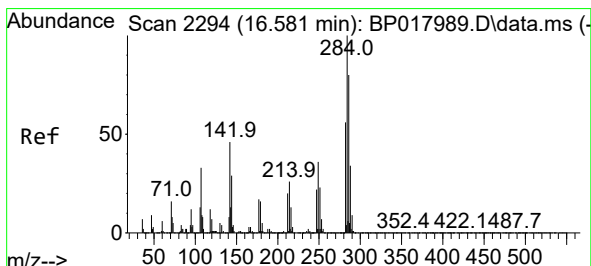
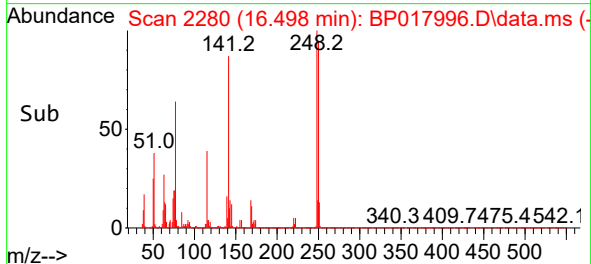
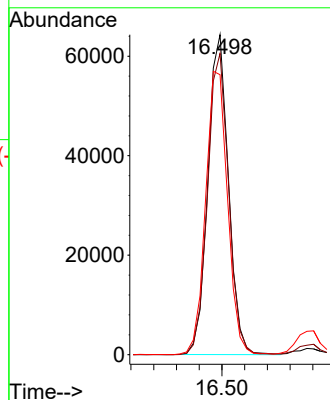
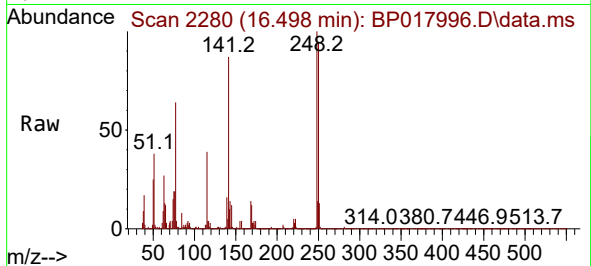




#68
4-Bromophenyl-phenylether
Concen: 18.435 ng/ul
RT: 16.498 min Scan# 211
Delta R.T. 0.000 min
Lab File: BP017996.D
Acq: 09 Nov 2023 19:33

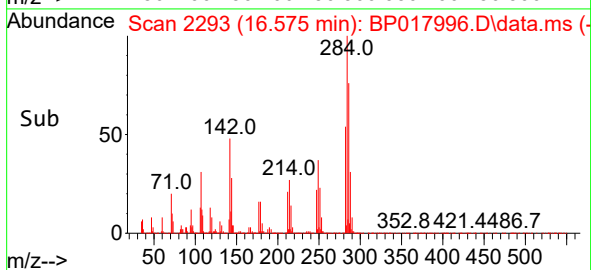
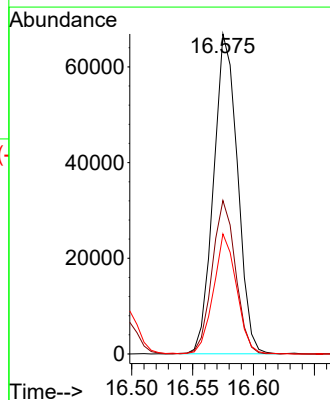
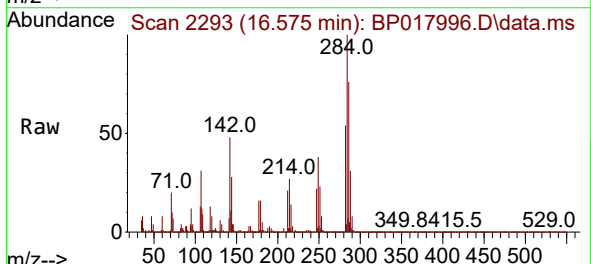
Instrument :
BNA_P
ClientSampleId :
SSTD020663

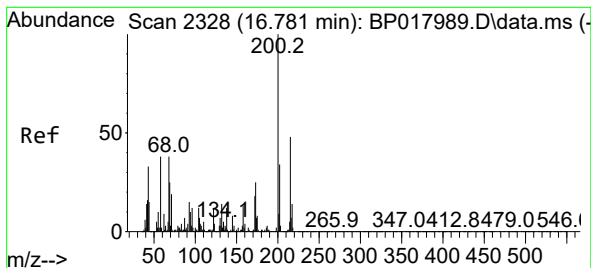
Tgt Ion:	248	Resp:	81016
Ion Ratio	Lower	Upper	
248	100		
250	94.1	77.2	115.8
141	87.5	75.6	113.4



#69
Hexachlorobenzene
Concen: 18.357 ng/ul
RT: 16.575 min Scan# 2293
Delta R.T. -0.006 min
Lab File: BP017996.D
Acq: 09 Nov 2023 19:33

Tgt Ion:	284	Resp:	91452
Ion Ratio	Lower	Upper	
284	100		
142	47.9	36.6	55.0
249	37.5	28.6	43.0





#70

Atrazine

Concen: 19.230 ng/ul

RT: 16.781 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP017996.D

Acq: 09 Nov 2023 19:33

Instrument :

BNA_P

ClientSampleId :

SSTD020663

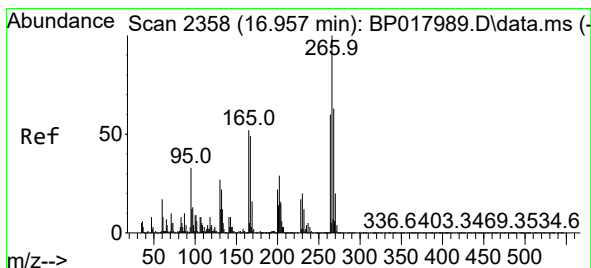
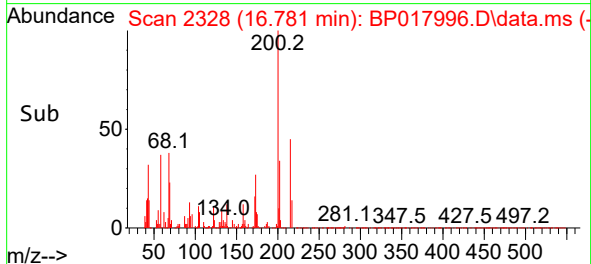
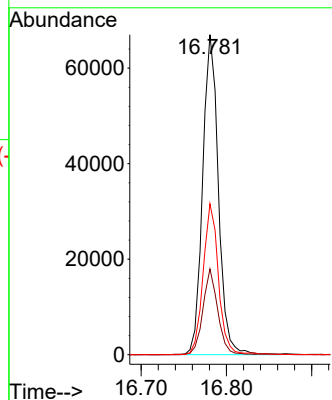
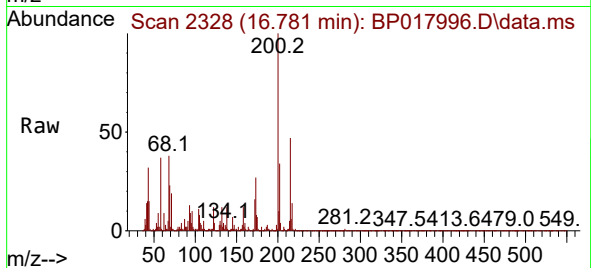
Tgt Ion:200 Resp: 85788

Ion Ratio Lower Upper

200 100

173 26.8 20.2 30.4

215 47.2 38.6 58.0



#71

Pentachlorophenol

Concen: 17.163 ng/ul

RT: 16.951 min Scan# 2357

Delta R.T. -0.006 min

Lab File: BP017996.D

Acq: 09 Nov 2023 19:33

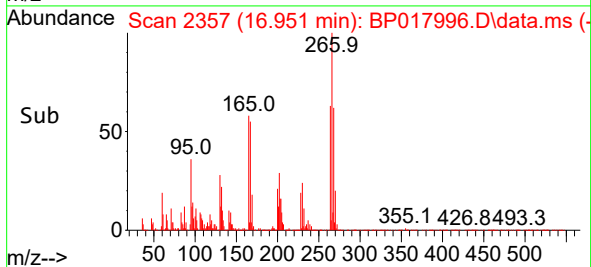
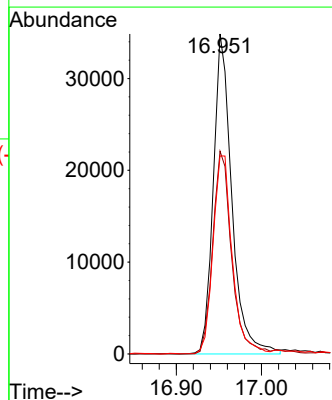
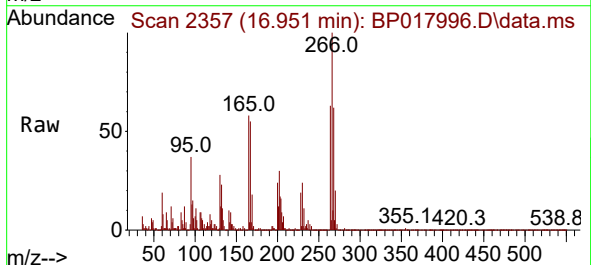
Tgt Ion:266 Resp: 52694

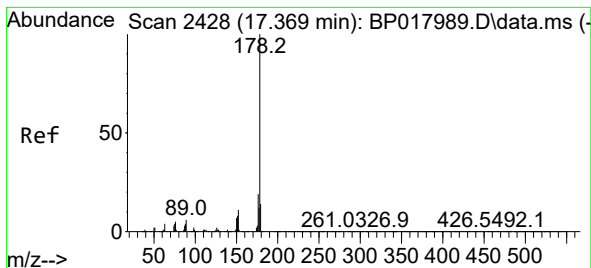
Ion Ratio Lower Upper

266 100

264 63.3 48.4 72.6

268 61.9 50.3 75.5





#72

Phenanthrene

Concen: 17.883 ng/ul

RT: 17.363 min Scan# 2428

Delta R.T. -0.006 min

Lab File: BP017996.D

Acq: 09 Nov 2023 19:33

Instrument :

BNA_P

ClientSampleId :

SSTD020663

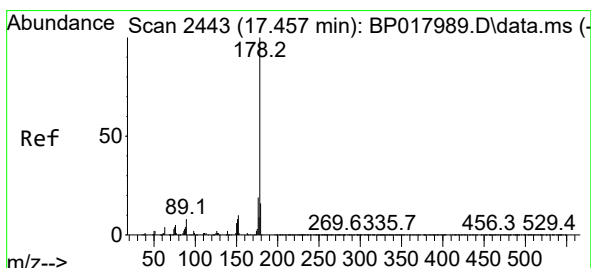
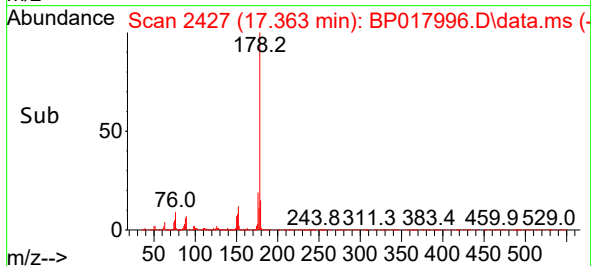
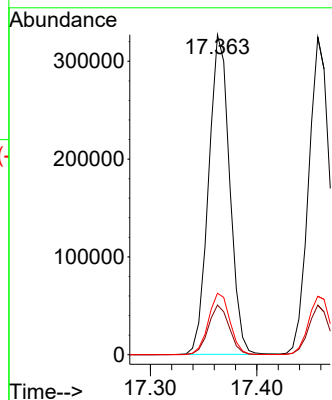
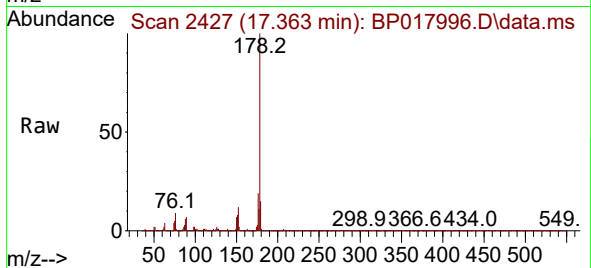
Tgt Ion:178 Resp: 448049

Ion Ratio Lower Upper

178 100

179 15.5 11.6 17.4

176 19.2 15.1 22.7



#74

Anthracene

Concen: 17.907 ng/ul

RT: 17.457 min Scan# 2443

Delta R.T. 0.000 min

Lab File: BP017996.D

Acq: 09 Nov 2023 19:33

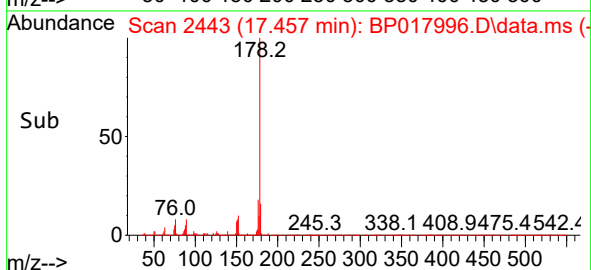
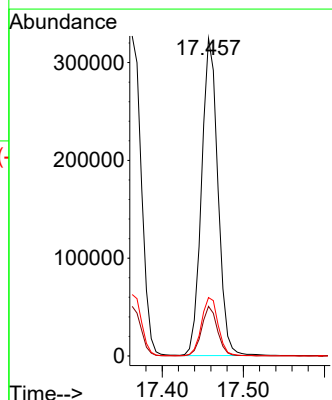
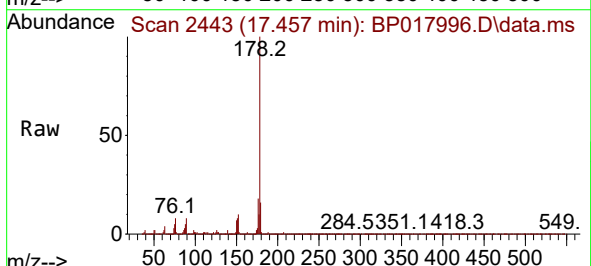
Tgt Ion:178 Resp: 453581

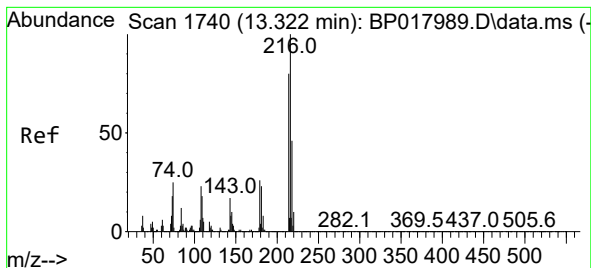
Ion Ratio Lower Upper

178 100

179 15.6 12.9 19.3

176 18.4 15.1 22.7





#75

1,2,3,4-Tetrachlorobenzene

Concen: 18.302 ng/uL

RT: 13.322 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP017996.D

Acq: 09 Nov 2023 19:33

Instrument :

BNA_P

ClientSampleId :

SSTD020663

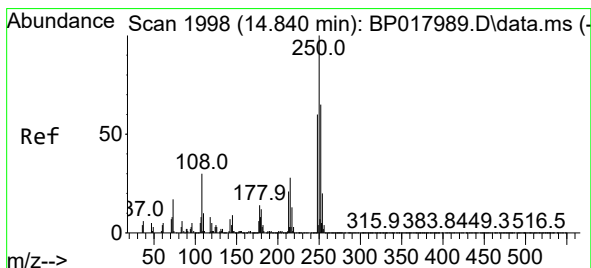
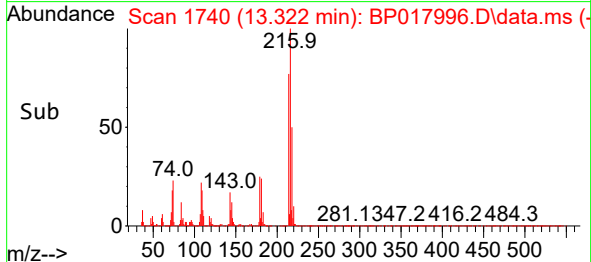
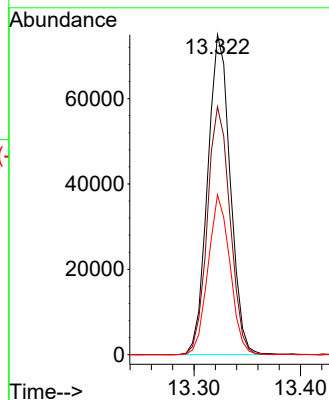
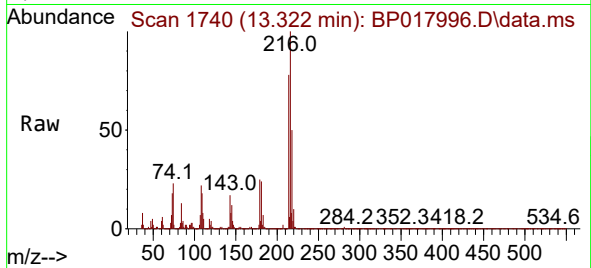
Tgt Ion:216 Resp: 110527

Ion Ratio Lower Upper

216 100

214 77.5 64.0 96.0

218 50.0 36.7 55.1



#76

Pentachlorobenzene

Concen: 18.246 ng/uL

RT: 14.834 min Scan# 1997

Delta R.T. -0.006 min

Lab File: BP017996.D

Acq: 09 Nov 2023 19:33

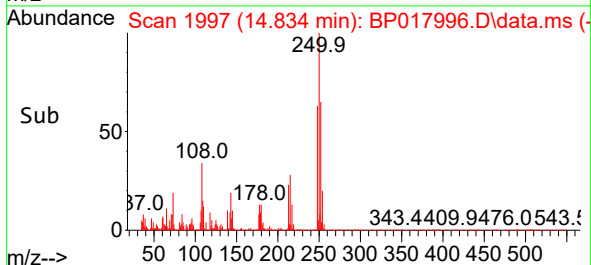
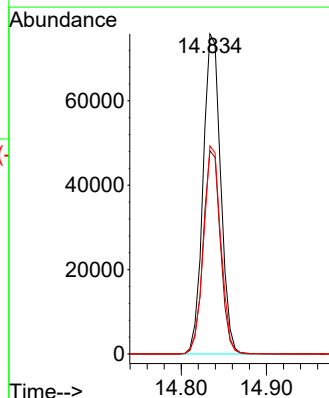
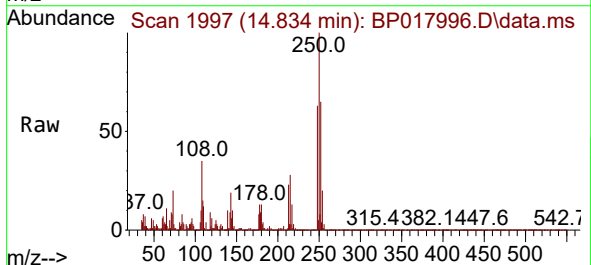
Tgt Ion:250 Resp: 108279

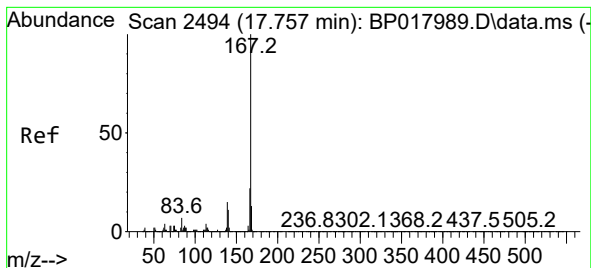
Ion Ratio Lower Upper

250 100

248 63.5 48.3 72.5

252 65.0 52.2 78.2





#77

Carbazole

Concen: 18.571 ng/ul

RT: 17.757 min Scan# 2494

Delta R.T. 0.000 min

Lab File: BP017996.D

Acq: 09 Nov 2023 19:33

Instrument :

BNA_P

ClientSampleId :

SSTD020663

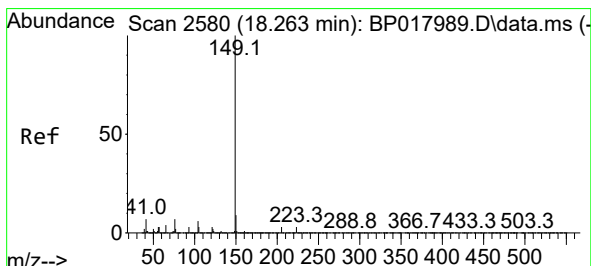
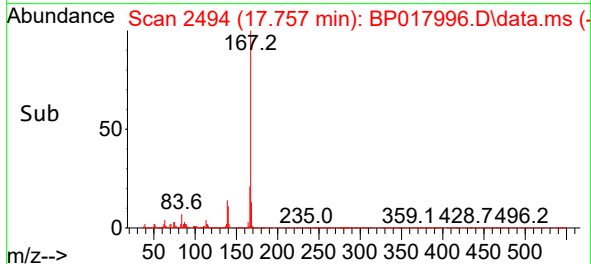
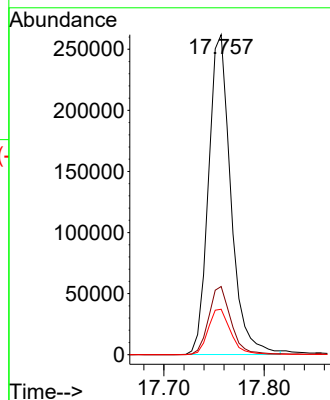
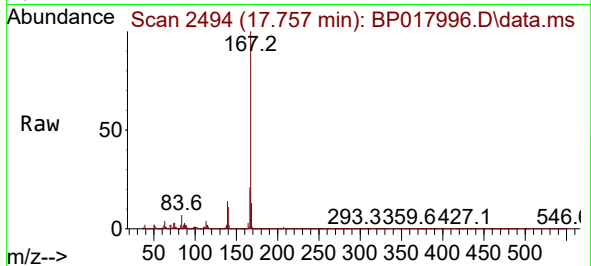
Tgt Ion:167 Resp: 406208

Ion Ratio Lower Upper

167 100

166 21.3 17.2 25.8

139 14.2 11.7 17.5



#78

Di-n-butylphthalate

Concen: 17.957 ng/ul

RT: 18.257 min Scan# 2579

Delta R.T. -0.006 min

Lab File: BP017996.D

Acq: 09 Nov 2023 19:33

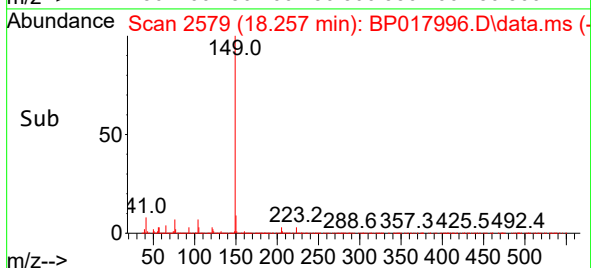
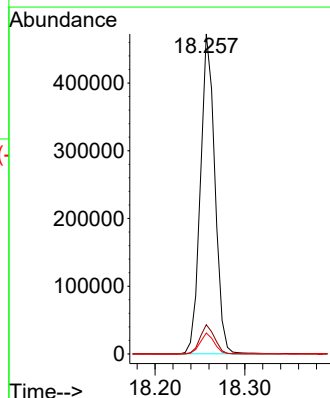
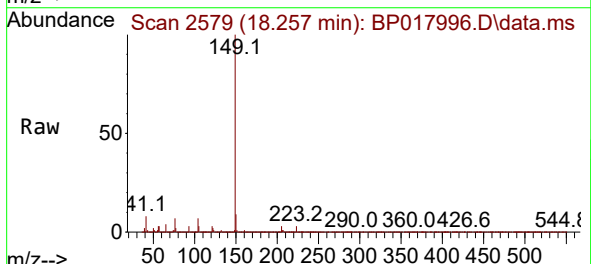
Tgt Ion:149 Resp: 528242

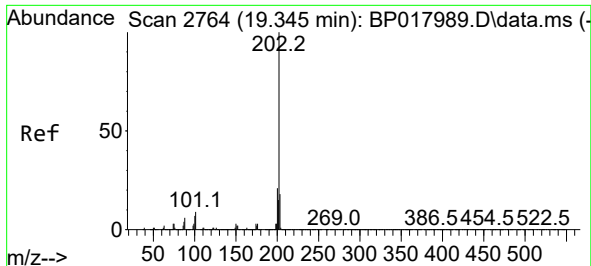
Ion Ratio Lower Upper

149 100

150 9.2 7.0 10.6

104 6.5 5.1 7.7

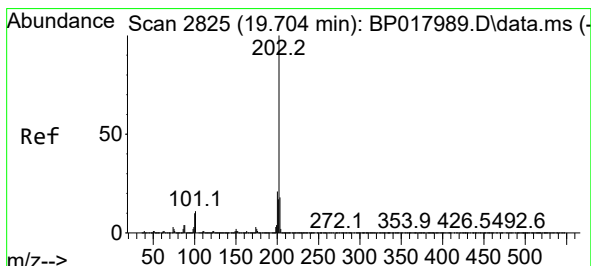
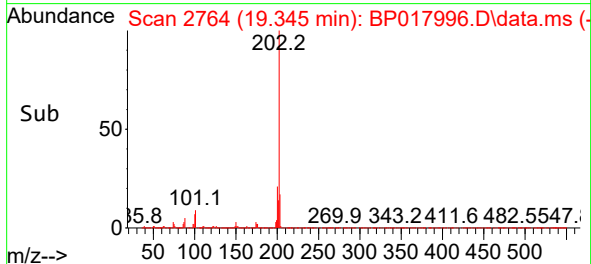
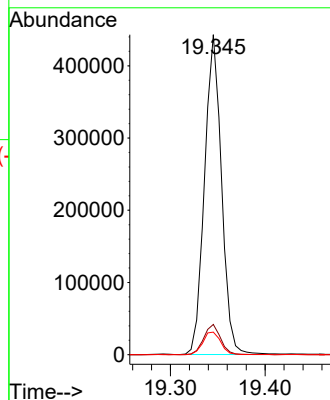
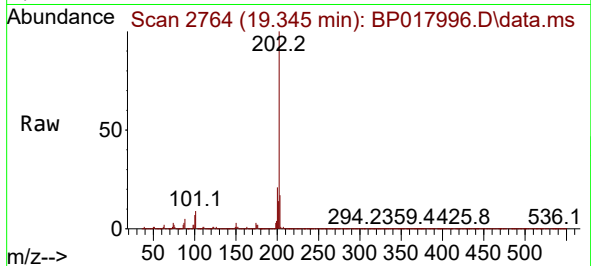




#80
Fluoranthene
Concen: 18.276 ng/ul
RT: 19.345 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP017996.D
Acq: 09 Nov 2023 19:33

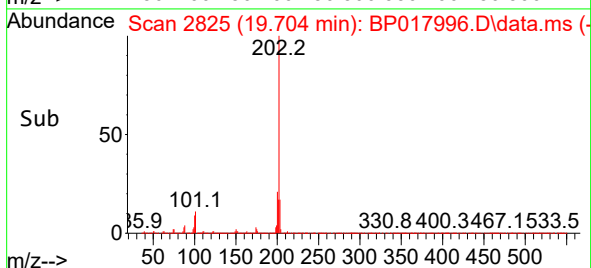
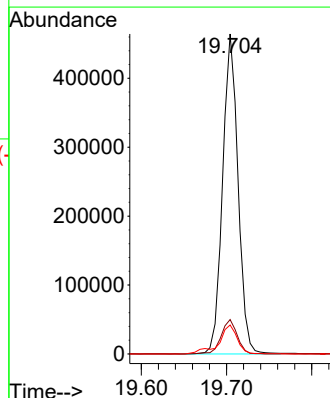
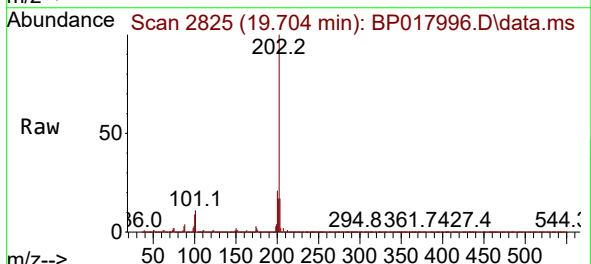
Instrument :
BNA_P
ClientSampleId :
SSTD020663

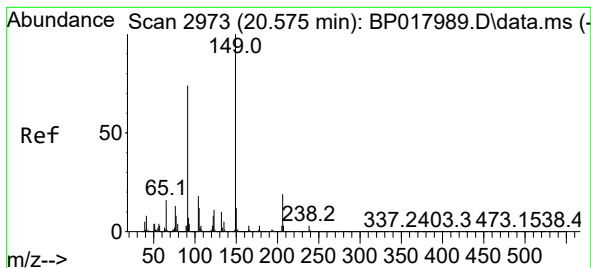
Tgt Ion:202 Resp: 553465
Ion Ratio Lower Upper
202 100
101 9.5 7.4 11.0
100 7.0 5.8 8.6



#82
Pyrene
Concen: 18.222 ng/ul
RT: 19.704 min Scan# 2825
Delta R.T. 0.000 min
Lab File: BP017996.D
Acq: 09 Nov 2023 19:33

Tgt Ion:202 Resp: 583238
Ion Ratio Lower Upper
202 100
101 10.7 9.0 13.4
100 9.1 7.8 11.8





#83

Butylbenzylphthalate

Concen: 18.584 ng/ul

RT: 20.569 min Scan# 2973

Delta R.T. -0.006 min

Lab File: BP017996.D

Acq: 09 Nov 2023 19:33

Instrument :

BNA_P

ClientSampleId :

SSTD020663

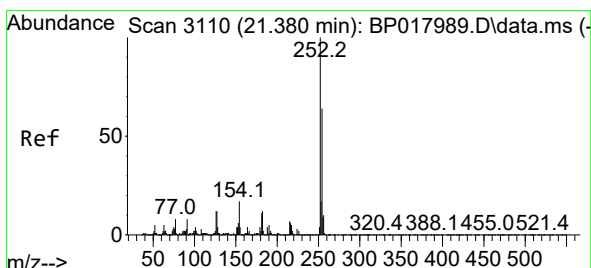
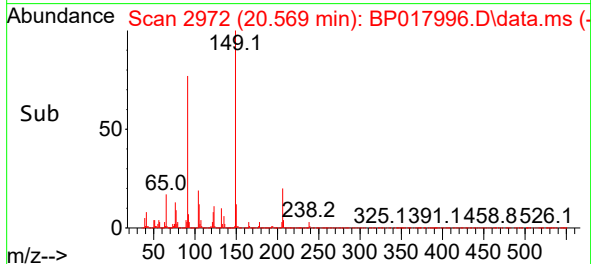
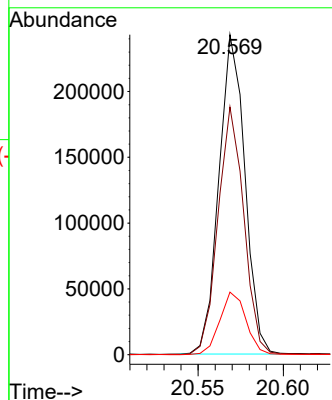
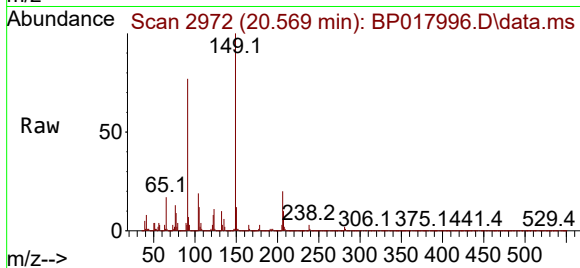
Tgt Ion:149 Resp: 257581

Ion Ratio Lower Upper

149 100

91 77.4 59.5 89.3

206 19.5 15.5 23.3



#84

3,3'-Dichlorobenzidine

Concen: 19.354 ng/ul

RT: 21.375 min Scan# 3109

Delta R.T. -0.006 min

Lab File: BP017996.D

Acq: 09 Nov 2023 19:33

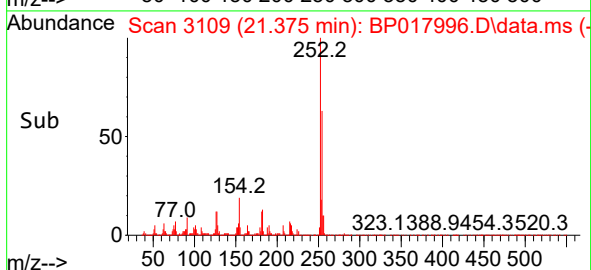
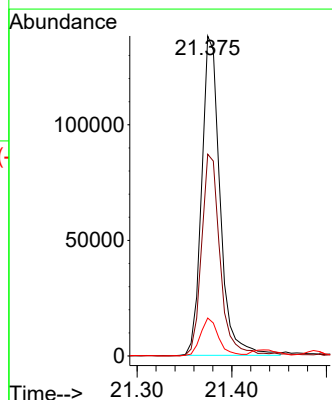
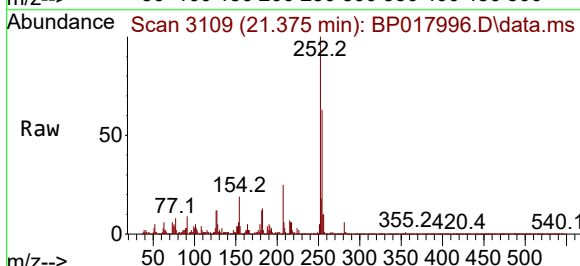
Tgt Ion:252 Resp: 186444

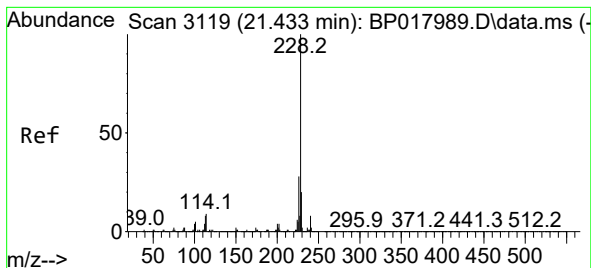
Ion Ratio Lower Upper

252 100

254 63.0 51.0 76.4

126 11.8 9.2 13.8





#85

Benzo(a)anthracene

Concen: 18.314 ng/ul

RT: 21.433 min Scan# 3119

Delta R.T. 0.000 min

Lab File: BP017996.D

Acq: 09 Nov 2023 19:33

Instrument :

BNA_P

ClientSampleId :

SSTD020663

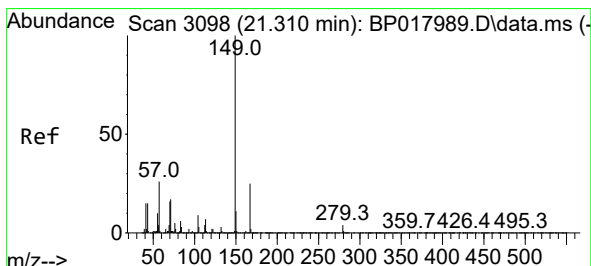
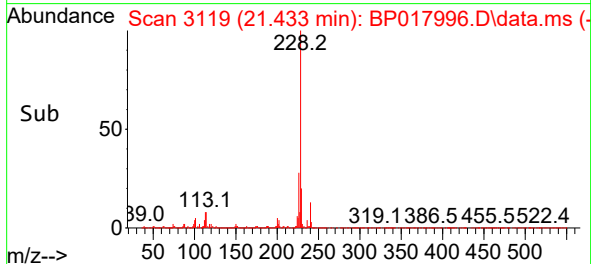
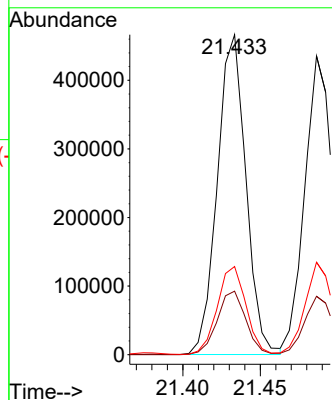
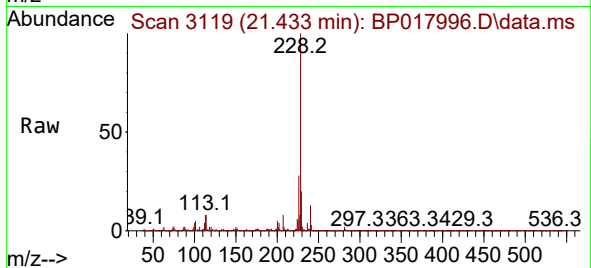
Tgt Ion:228 Resp: 598551

Ion Ratio Lower Upper

228 100

229 19.9 15.6 23.4

226 27.6 22.3 33.5



#86

Bis(2-ethylhexyl)phthalate

Concen: 18.903 ng/ul

RT: 21.310 min Scan# 3098

Delta R.T. 0.000 min

Lab File: BP017996.D

Acq: 09 Nov 2023 19:33

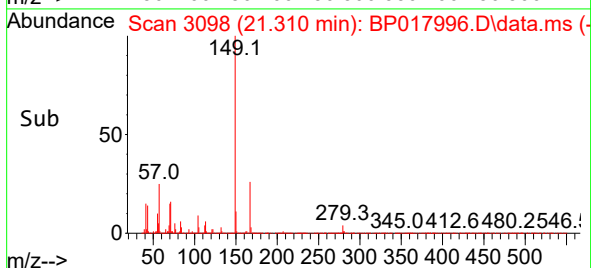
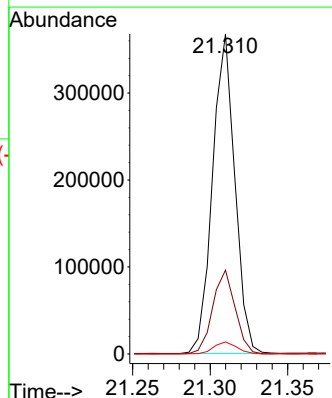
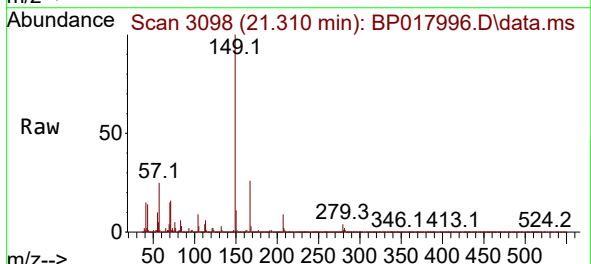
Tgt Ion:149 Resp: 367369

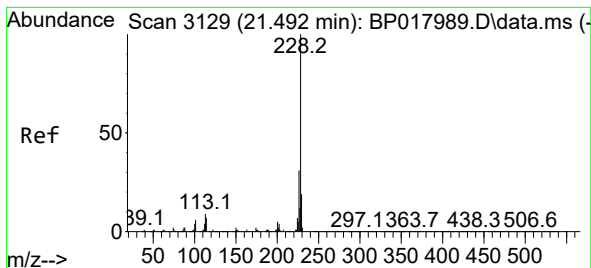
Ion Ratio Lower Upper

149 100

167 26.2 20.2 30.2

279 3.7 3.0 4.4





#87

Chrysene

Concen: 18.012 ng/ul

RT: 21.486 min Scan# 3129

Delta R.T. -0.006 min

Lab File: BP017996.D

Acq: 09 Nov 2023 19:33

Instrument :

BNA_P

ClientSampleId :

SSTD020663

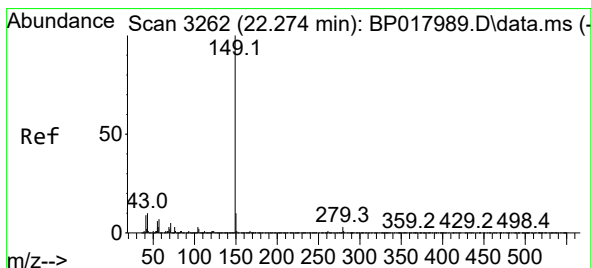
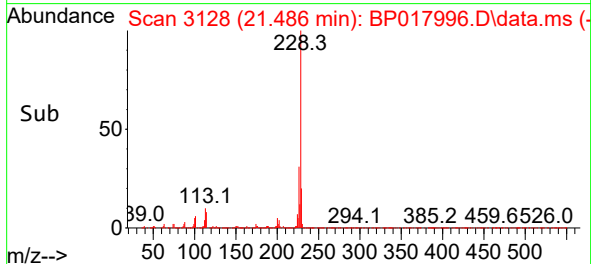
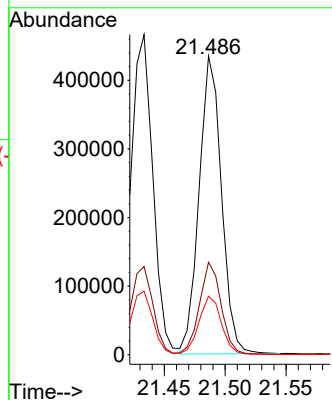
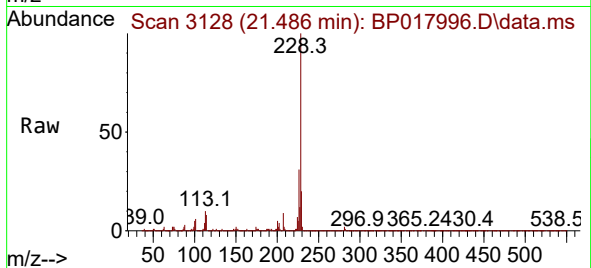
Tgt Ion:228 Resp: 554485

Ion Ratio Lower Upper

228 100

226 31.0 24.4 36.6

229 19.5 15.4 23.0



#89

Di-n-octyl phthalate

Concen: 18.602 ng/ul

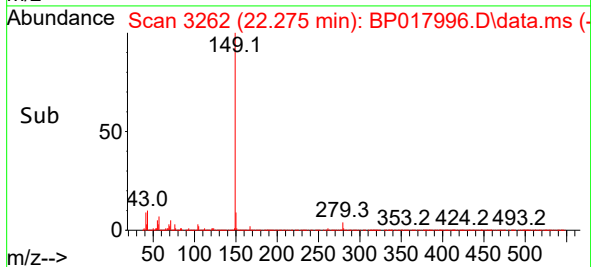
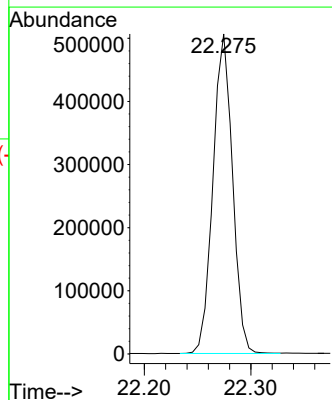
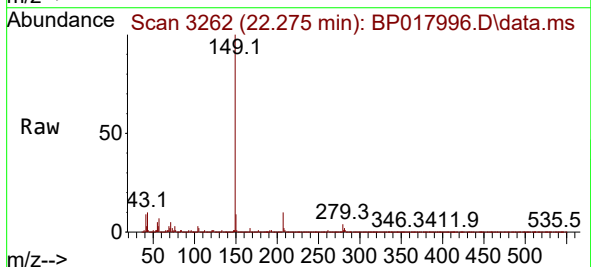
RT: 22.275 min Scan# 3262

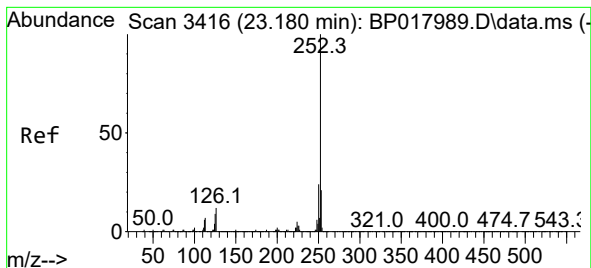
Delta R.T. 0.000 min

Lab File: BP017996.D

Acq: 09 Nov 2023 19:33

Tgt Ion:149 Resp: 643042





#90

Benzo(b)fluoranthene

Concen: 17.785 ng/ul

RT: 23.180 min Scan# 3416

Delta R.T. 0.000 min

Lab File: BP017996.D

Acq: 09 Nov 2023 19:33

Instrument :

BNA_P

ClientSampleId :

SSTD020663

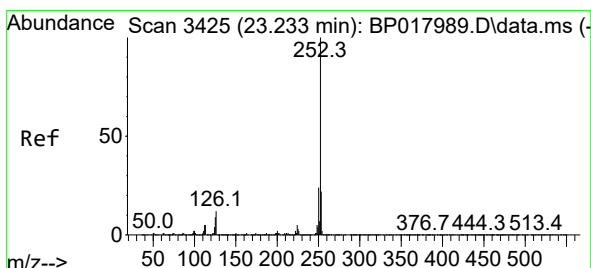
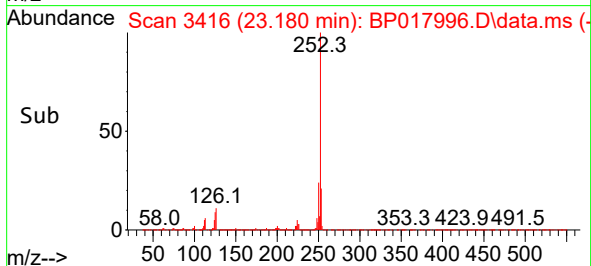
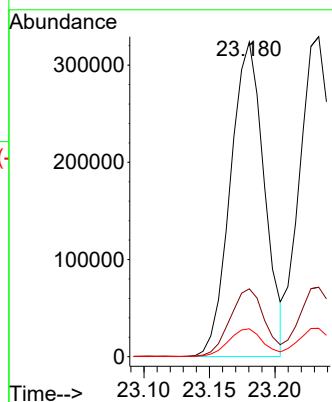
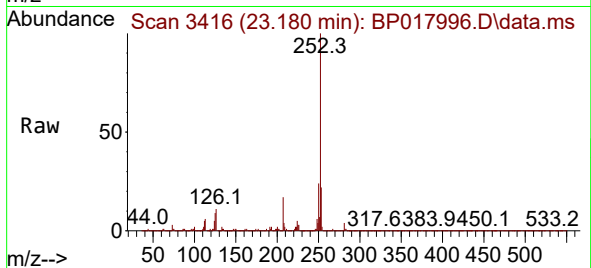
Tgt Ion:252 Resp: 582125

Ion Ratio Lower Upper

252 100

253 21.6 17.0 25.4

125 8.8 7.4 11.2



#91

Benzo(k)fluoranthene

Concen: 18.096 ng/ul

RT: 23.233 min Scan# 3425

Delta R.T. 0.000 min

Lab File: BP017996.D

Acq: 09 Nov 2023 19:33

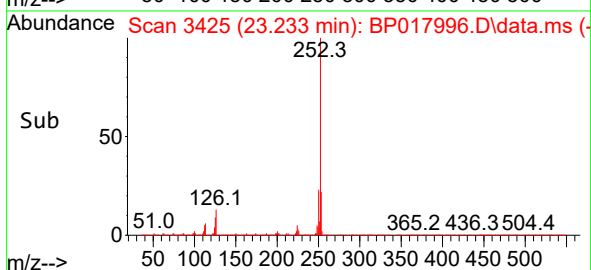
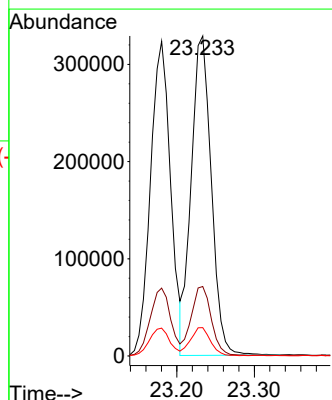
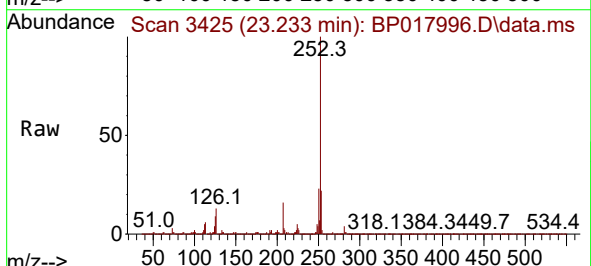
Tgt Ion:252 Resp: 591175

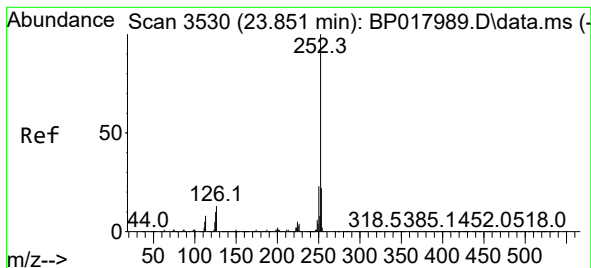
Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.6

125 8.9 7.4 11.2





#93

Benzo(a)pyrene

Concen: 18.084 ng/ul

RT: 23.845 min Scan# 3529

Delta R.T. -0.006 min

Lab File: BP017996.D

Acq: 09 Nov 2023 19:33

Instrument :

BNA_P

ClientSampleId :

SSTD020663

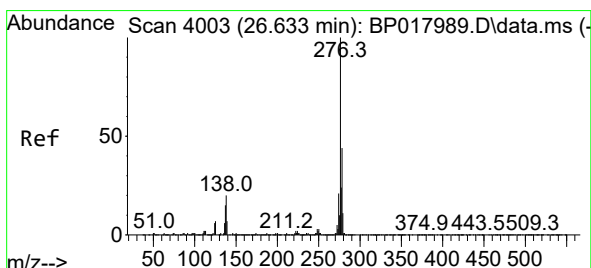
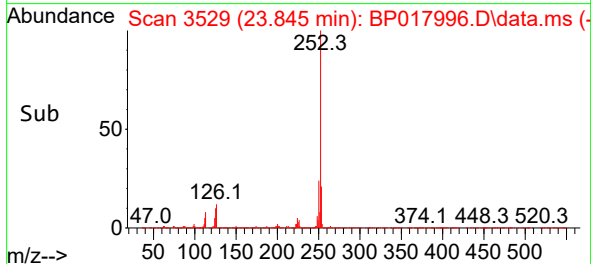
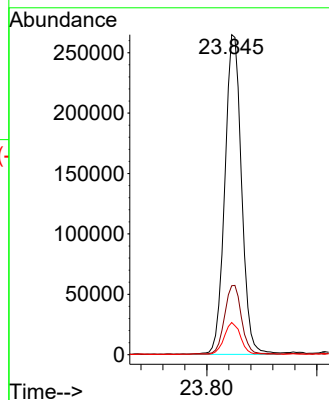
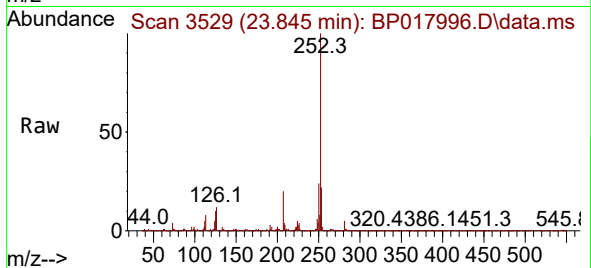
Tgt Ion:252 Resp: 557927

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

125 10.1 7.8 11.8



#94

Indeno(1,2,3-cd)pyrene

Concen: 17.758 ng/ul

RT: 26.627 min Scan# 4002

Delta R.T. -0.006 min

Lab File: BP017996.D

Acq: 09 Nov 2023 19:33

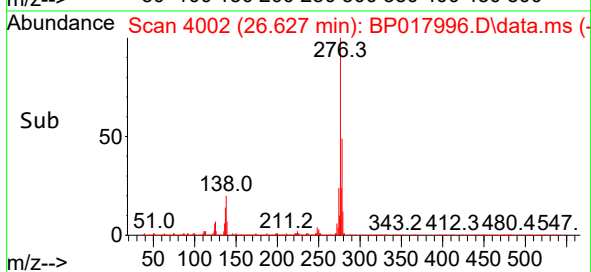
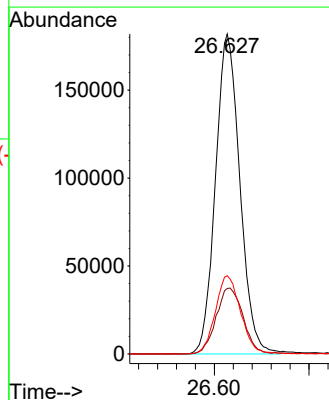
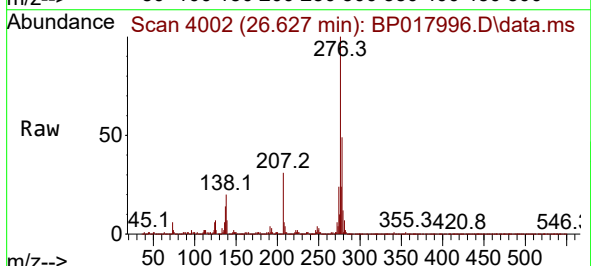
Tgt Ion:276 Resp: 649347

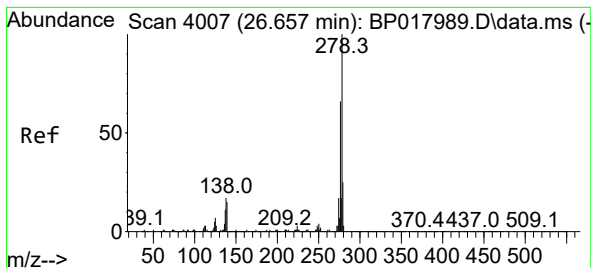
Ion Ratio Lower Upper

276 100

138 20.4 16.2 24.4

277 24.4 18.8 28.2





#95

Dibenzo(a,h)anthracene

Concen: 17.859 ng/ul

RT: 26.651 min Scan# 4007

Delta R.T. -0.006 min

Lab File: BP017996.D

Acq: 09 Nov 2023 19:33

Instrument :

BNA_P

ClientSampleId :

SSTD020663

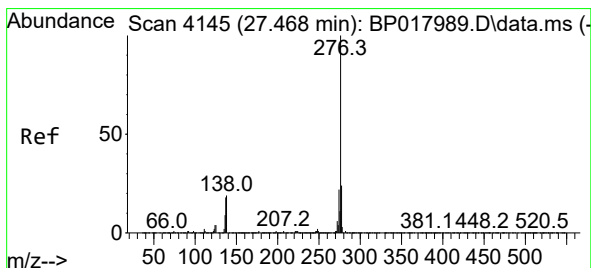
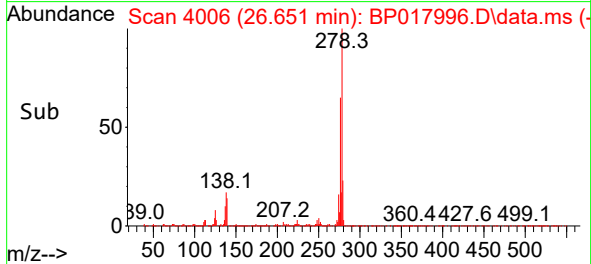
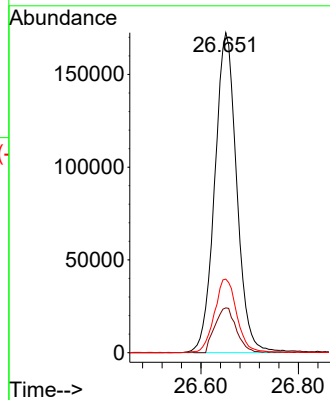
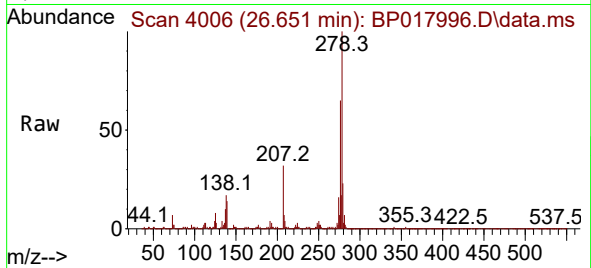
Tgt Ion:278 Resp: 539913

Ion Ratio Lower Upper

278 100

139 14.0 11.9 17.9

279 23.0 19.7 29.5



#96

Benzo(g,h,i)perylene

Concen: 17.788 ng/ul

RT: 27.462 min Scan# 4144

Delta R.T. -0.006 min

Lab File: BP017996.D

Acq: 09 Nov 2023 19:33

Tgt Ion:276 Resp: 519086

Ion Ratio Lower Upper

276 100

138 20.6 15.0 22.6

277 22.7 19.0 28.6

