

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071123\
 Data File : BP016184.D
 Acq On : 11 Jul 2023 16:34
 Operator : MA/JU
 Sample : SSTD00595
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD005639

Quant Time: Jul 12 00:34:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 12 00:24:54 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	161072	20.000	ng/u1	0.02
20) Naphthalene-d8	10.799	136	760563	20.000	ng/u1	0.02
38) Acenaphthene-d10	14.628	164	504823	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.392	188	1146260	20.000	ng/u1	0.01
79) Chrysene-d12	21.492	240	1152418	20.000	ng/u1	0.01
88) Perylene-d12	23.998	264	1352063	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	8881	1.984	ng/uL	0.00
4) Pyridine-d5	3.769	84	31108	2.757	ng/u1	0.03
7) Phenol-d5	7.210	99	48385	3.511	ng/u1	0.06
9) Bis-(2-Chloroethyl)eth...	7.340	67	38598	4.527	ng/u1	0.05
11) 2-Chlorophenol-d4	7.540	132	42427	4.078	ng/u1	0.04
15) 4-Methylphenol-d8	8.775	113	26920	2.473	ng/u1	0.06
21) Nitrobenzene-d5	9.210	128	14816	2.549	ng/u1	0.05
24) 2-Nitrophenol-d4	9.875	143	10	0.001	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.546	165	24023	1.987	ng/u1	0.09
31) 4-Chloroaniline-d4	11.040	131	60038	3.866	ng/u1	0.08
46) Dimethylphthalate-d6	14.051	166	180426	4.624	ng/u1	0.02
49) Acenaphthylene-d8	14.328	160	187069	4.265	ng/u1	0.01
54) 4-Nitrophenol-d4	14.928	143	24	0.005	ng/u1	0.02
60) Fluorene-d10	15.639	176	154973	4.824	ng/u1	0.02
65) 4,6-Dinitro-2-methylph...	15.810	200	17	0.002	ng/u1	0.01
73) Anthracene-d10	17.516	188	235612	4.500	ng/u1	0.03
81) Pyrene-d10	19.745	212	281644	3.743	ng/u1	0.02
92) Benzo(a)pyrene-d12	23.833	264	280944	4.119	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.328	88	10325	2.143	ng/uL	96
5) Pyridine	3.787	79	35399	2.998	ng/u1	96
6) Benzaldehyde	7.187	77	39306	7.054	ng/u1	99
8) Phenol	7.252	94	60823	4.253	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.434	93	46620	4.097	ng/u1	93
12) 2-Chlorophenol	7.575	128	46107	4.172	ng/u1	97
13) 2-Methylphenol	8.487	108	47877	4.434	ng/u1	92
14) 2,2'-oxybis(1-Chloropr...	8.528	45	98461	6.335	ng/u1#	91
16) Acetophenone	8.869	105	85150	4.758	ng/u1#	90
17) N-Nitroso-di-n-propyla...	8.816	70	42577	4.283	ng/u1#	97
18) 4-Methylphenol	8.857	108	26070	2.247	ng/u1	95
19) Hexachloroethane	9.034	117	22699	4.447	ng/u1	97
22) Nitrobenzene	9.252	77	59740	3.660	ng/u1	100
23) Isophorone	9.746	82	125420	4.015	ng/u1	98
25) 2-Nitrophenol	9.975	139	6498	0.903	ng/u1#	92
26) 2,4-Dimethylphenol	10.052	107	60285	3.809	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.281	93	73307	4.157	ng/u1	99
29) 2,4-Dichlorophenol	10.587	162	28786	2.395	ng/u1	91
30) Naphthalene	10.851	128	190193	4.600	ng/u1	99
32) 4-Chloroaniline	10.999	127	101	0.006	ng/u1#	12
33) Hexachlorobutadiene	11.099	225	33866	3.731	ng/u1	94
34) Caprolactam	11.840	113	7652	2.081	ng/u1	99
35) 4-Chloro-3-methylphenol	12.134	107	62	0.004	ng/u1#	44
36) 2-Methylnaphthalene	12.493	142	125571	4.614	ng/u1	94

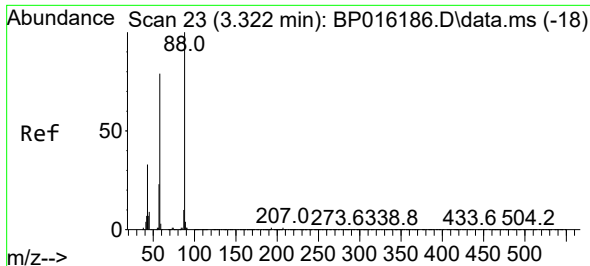
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.693	142	125799	4.531	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.857	216	66218	3.980	ng/ul	97
40) Hexachlorocyclopentadiene	12.781	237	4614	0.927	ng/ul#	98
41) 2,4,6-Trichlorophenol	13.134	196	21996	2.092	ng/ul	89
42) 2,4,5-Trichlorophenol	13.134	196	31795	2.851	ng/ul	89
43) 1,1'-Biphenyl	13.475	154	173758	4.346	ng/ul	100
44) 2-Chloronaphthalene	13.534	162	133828	4.249	ng/ul	98
45) 2-Nitroaniline	13.816	65	25973	2.621	ng/ul	91
47) Dimethylphthalate	14.104	163	186668	4.623	ng/ul	98
48) 2,6-Dinitrotoluene	14.281	165	27135	3.313	ng/ul	99
50) Acenaphthylene	14.357	152	227129	4.700	ng/ul	99
51) 3-Nitroaniline	14.598	138	32	0.005	ng/ul#	1
52) Acenaphthene	14.692	153	161853	4.829	ng/ul	99
53) 2,4-Dinitrophenol	14.963	184	3624	0.834	ng/ul	92
55) 4-Nitrophenol	14.969	109	3814	0.715	ng/ul#	1
56) Dibenzofuran	15.057	168	216768	4.659	ng/ul	95
57) 2,4-Dinitrotoluene	15.051	165	117	0.010	ng/ul#	1
58) 2,3,4,6-Tetrachlorophenol	15.316	232	37726	3.939	ng/ul#	98
59) Diethylphthalate	15.451	149	189419	4.635	ng/ul	98
61) Fluorene	15.698	166	180686	4.788	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.681	204	86210	4.465	ng/ul	98
63) 4-Nitroaniline	15.939	138	221	0.050	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.769	198	31	0.004	ng/ul#	1
67) N-Nitrosodiphenylamine	15.916	169	142644	4.157	ng/ul	98
68) 4-Bromophenyl-phenylether	16.581	248	50584	3.864	ng/ul	96
69) Hexachlorobenzene	16.704	284	63105	4.086	ng/ul	94
70) Atrazine	16.869	200	47767	3.637	ng/ul	94
71) Pentachlorophenol	17.039	266	11	0.001	ng/ul	87
72) Phenanthrene	17.445	178	293048	4.706	ng/ul	99
74) Anthracene	17.557	178	279271	4.463	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.451	216	72288	3.876	ng/ul	98
76) Pentachlorobenzene	14.969	250	67744	3.599	ng/ul	97
77) Carbazole	17.869	167	215687	4.090	ng/ul	99
78) Di-n-butylphthalate	18.333	149	307460	4.397	ng/ul	99
80) Fluoranthene	19.427	202	331808	3.548	ng/ul	99
82) Pyrene	19.780	202	366470	3.841	ng/ul	98
83) Butylbenzylphthalate	20.610	149	138330	3.554	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.433	252	104234	4.001	ng/ul	98
85) Benzo(a)anthracene	21.480	228	340237	4.197	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.345	149	206539	3.861	ng/ul	99
87) Chrysene	21.533	228	384827	5.003	ng/ul	99
89) Di-n-octyl phthalate	22.292	149	353529	3.578	ng/ul	100
90) Benzo(b)fluoranthene	23.233	252	356216	4.100	ng/ul	99
91) Benzo(k)fluoranthene	23.286	252	360417	4.106	ng/ul	98
93) Benzo(a)pyrene	23.886	252	304827	4.016	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.692	276	387373	3.759	ng/ul	98
95) Dibenzo(a,h)anthracene	26.692	278	280064	3.309	ng/ul	98
96) Benzo(g,h,i)perylene	27.521	276	288951	3.408	ng/ul	98

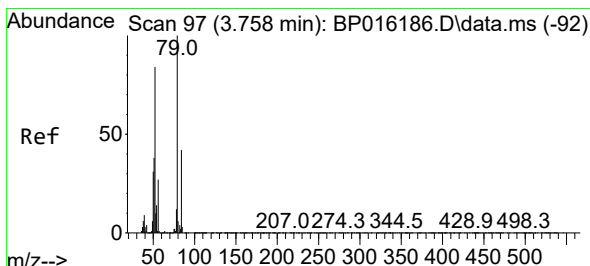
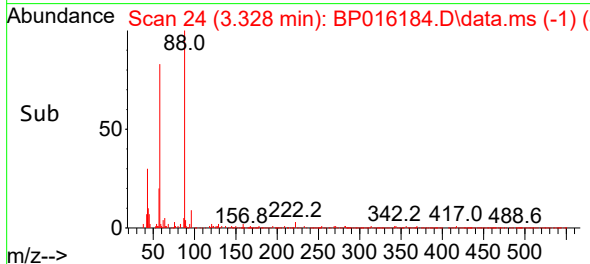
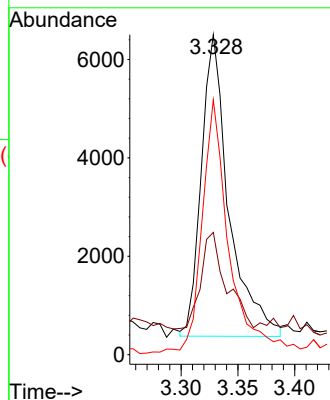
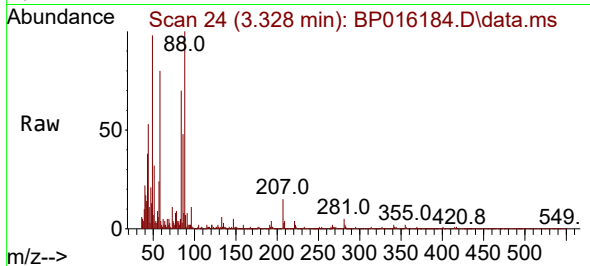
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#2
1,4-Dioxane
Concen: 2.143 ng/uL
RT: 3.328 min Scan# 24
Delta R.T. 0.006 min
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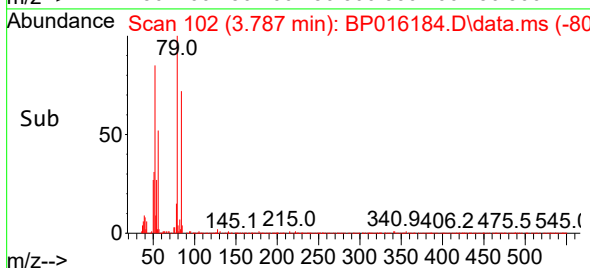
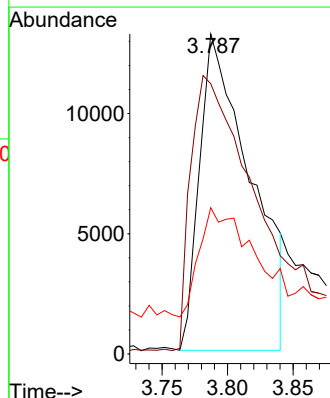
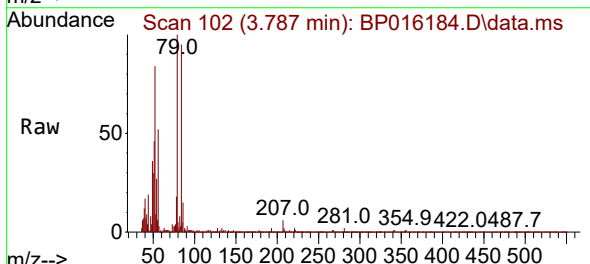
Instrument :
BNA_P
ClientSampleId :
SSTD005639

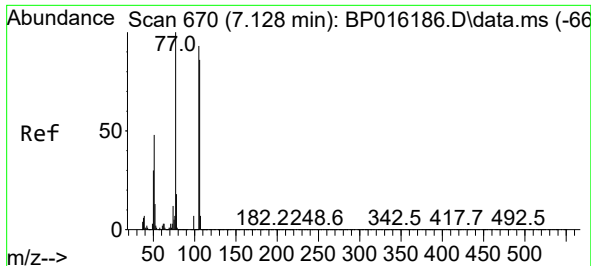
Tgt Ion: 88	Resp: 10325
Ion Ratio	Lower Upper
88	100
43	38.2 27.5 41.3
58	79.7 62.2 93.4



#5
Pyridine
Concen: 2.998 ng/uL
RT: 3.787 min Scan# 102
Delta R.T. 0.029 min
Lab File: BP016184.D
Acq: 11 Jul 2023 16:34

Tgt Ion: 79	Resp: 35399
Ion Ratio	Lower Upper
79	100
52	84.5 67.4 101.0
51	45.7 31.3 46.9

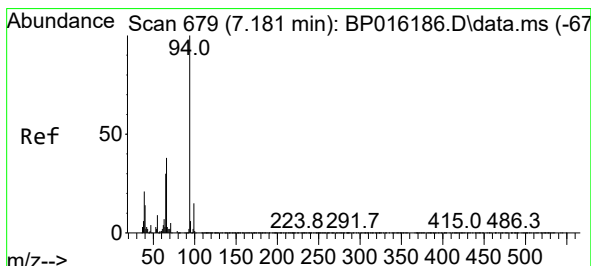
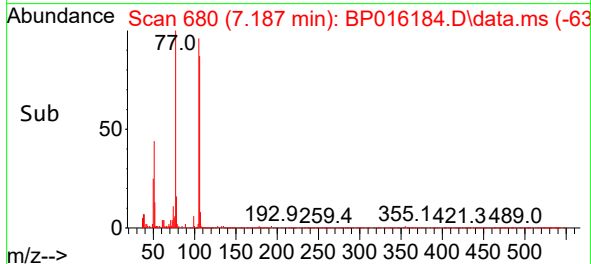
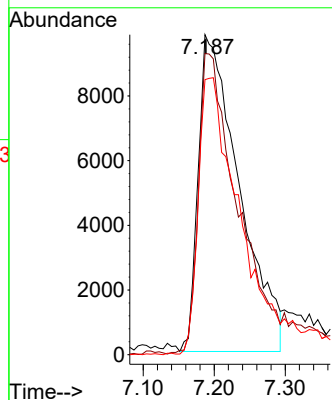
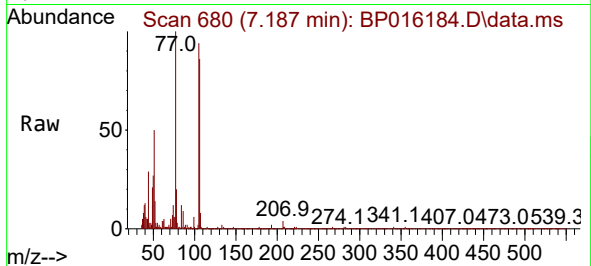




#6
Benzaldehyde
Concen: 7.054 ng/ul
RT: 7.187 min Scan# 61
Delta R.T. 0.059 min
Lab File: BP016184.D
Acq: 11 Jul 2023 16:34

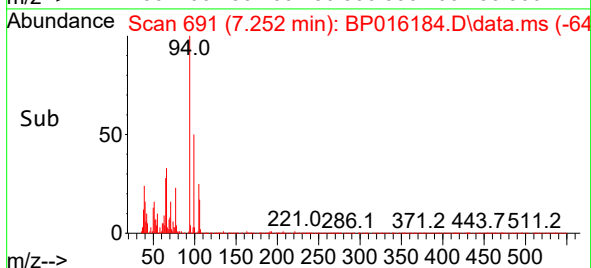
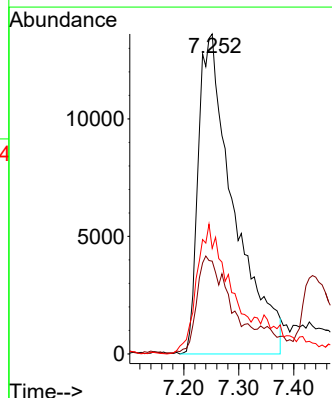
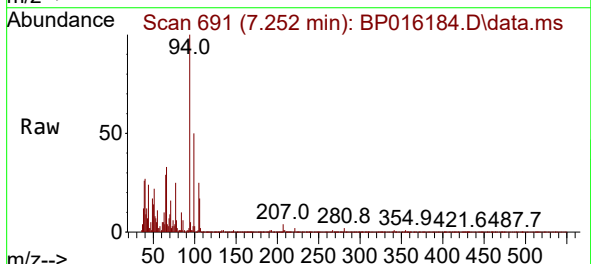
Instrument :
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ClientSampleId :
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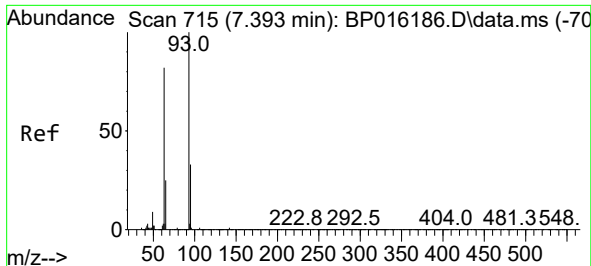
Tgt Ion: 77 Resp: 39306
Ion Ratio Lower Upper
77 100
105 94.1 74.6 111.8
106 86.0 68.3 102.5



#8
Phenol
Concen: 4.253 ng/ul
RT: 7.252 min Scan# 691
Delta R.T. 0.071 min
Lab File: BP016184.D
Acq: 11 Jul 2023 16:34

Tgt Ion: 94 Resp: 60823
Ion Ratio Lower Upper
94 100
65 29.0 24.2 36.2
66 33.0 31.4 47.2

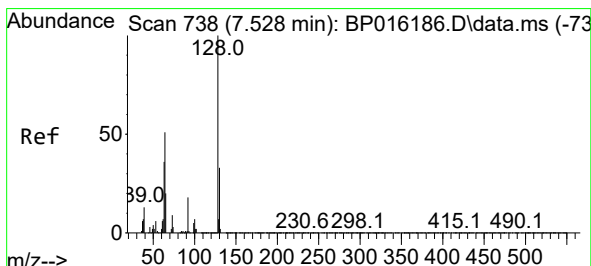
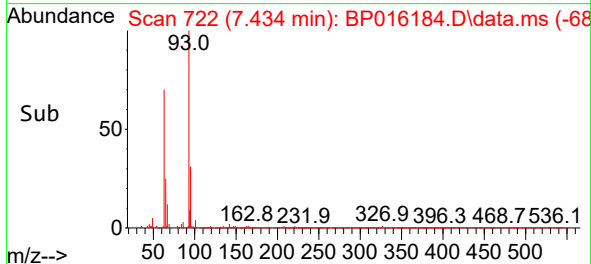
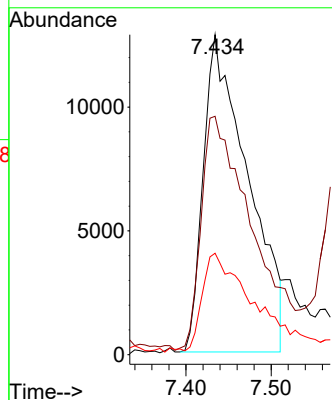
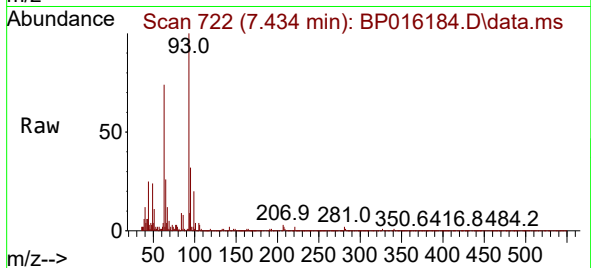




#10
Bis(2-Chloroethyl)ether
Concen: 4.097 ng/ul
RT: 7.434 min Scan# 715
Delta R.T. 0.041 min
Lab File: BP016184.D
Acq: 11 Jul 2023 16:34

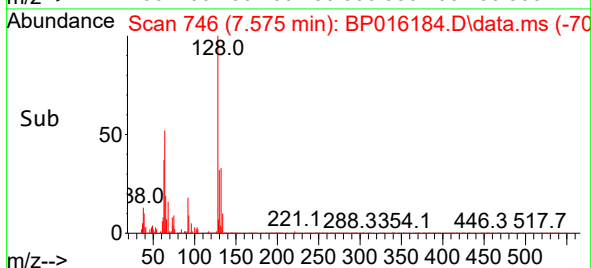
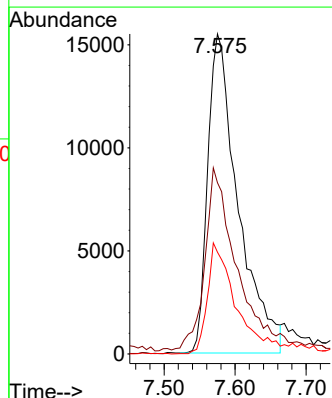
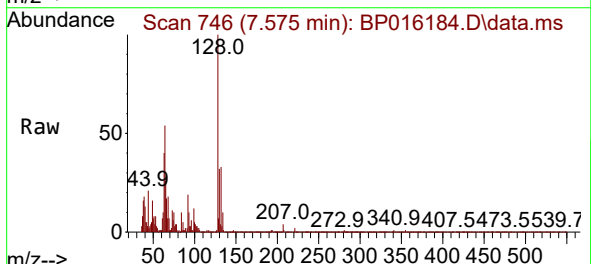
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ClientSampleId :
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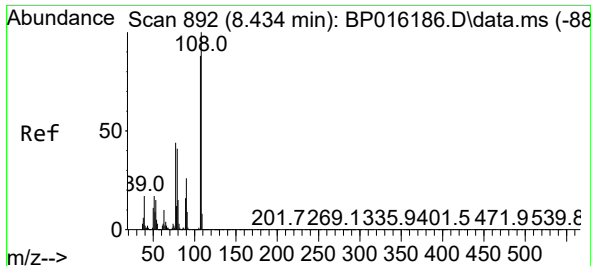
Tgt Ion: 93 Resp: 46620
Ion Ratio Lower Upper
93 100
63 74.5 65.7 98.5
95 31.7 26.4 39.6



#12
2-Chlorophenol
Concen: 4.172 ng/ul
RT: 7.575 min Scan# 746
Delta R.T. 0.047 min
Lab File: BP016184.D
Acq: 11 Jul 2023 16:34

Tgt Ion:128 Resp: 46107
Ion Ratio Lower Upper
128 100
64 53.5 44.6 67.0
130 31.8 26.5 39.7

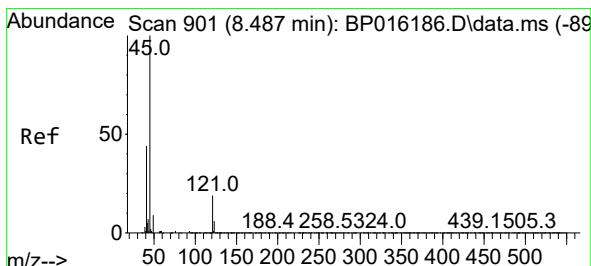
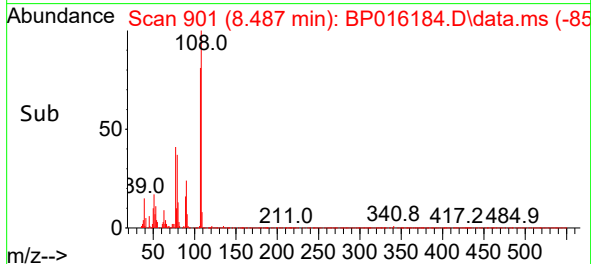
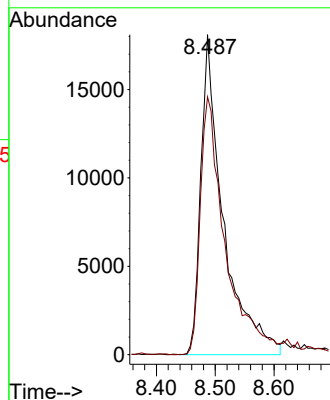
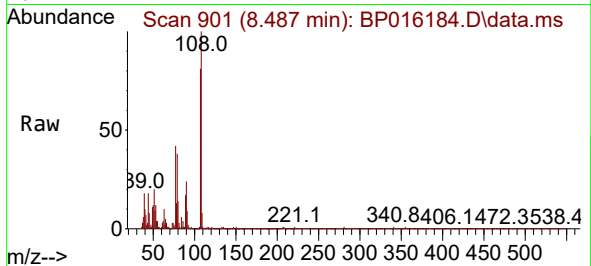




#13
2-Methylphenol
Concen: 4.434 ng/ul
RT: 8.487 min Scan# 901
Delta R.T. 0.053 min
Lab File: BP016184.D
Acq: 11 Jul 2023 16:34

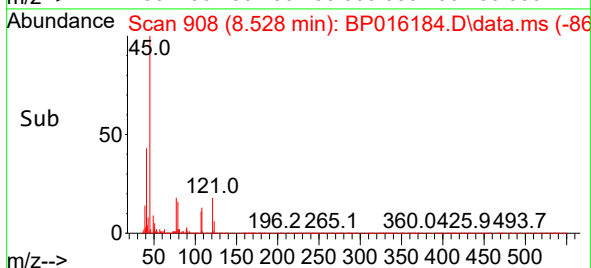
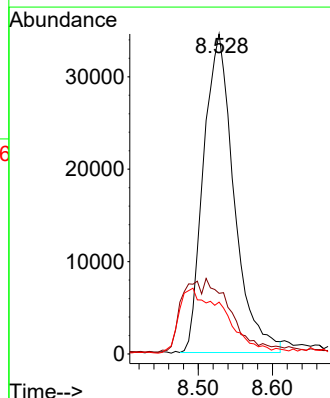
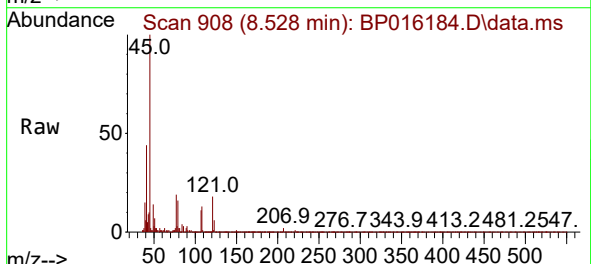
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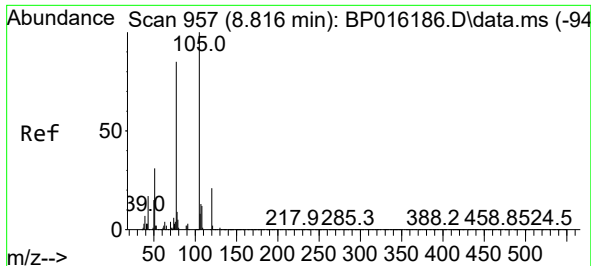
Tgt Ion:108 Resp: 47877
Ion Ratio Lower Upper
108 100
107 80.6 70.1 105.1



#14
2,2'-oxybis(1-Chloropropane)
Concen: 6.335 ng/ul
RT: 8.528 min Scan# 908
Delta R.T. 0.041 min
Lab File: BP016184.D
Acq: 11 Jul 2023 16:34

Tgt Ion: 45 Resp: 98461
Ion Ratio Lower Upper
45 100
77 19.0 12.7 19.1
79 16.2 9.3 13.9#

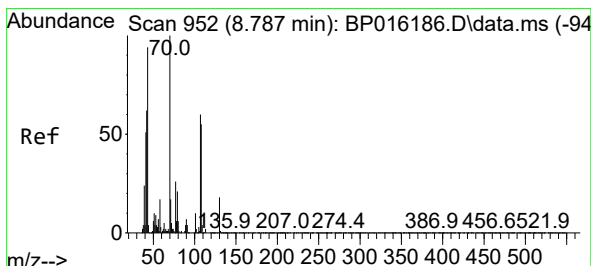
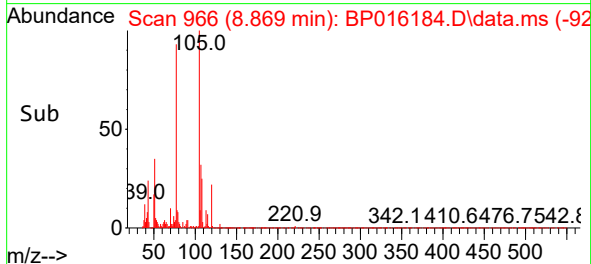
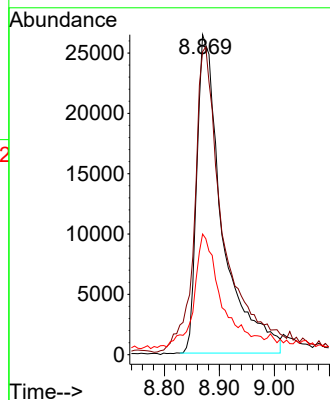
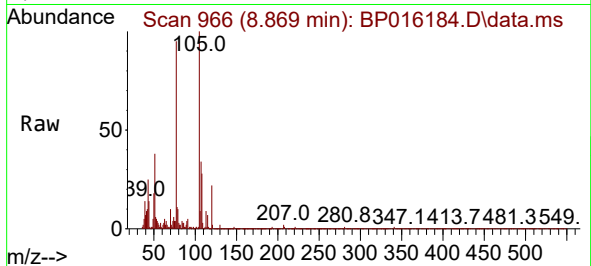




#16
Acetophenone
Concen: 4.758 ng/ul
RT: 8.869 min Scan# 90
Delta R.T. 0.053 min
Lab File: BP016184.D
Acq: 11 Jul 2023 16:34

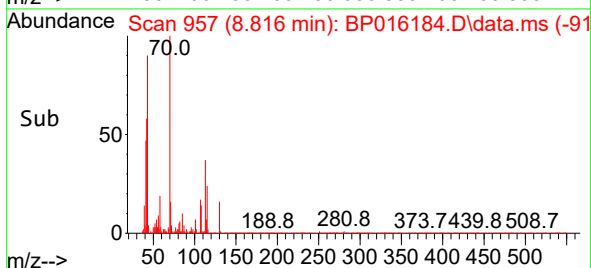
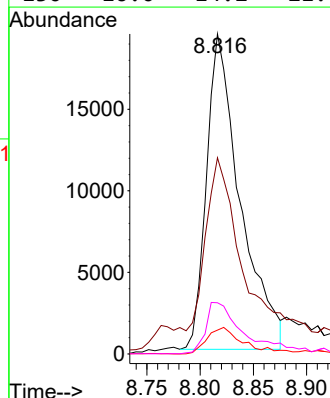
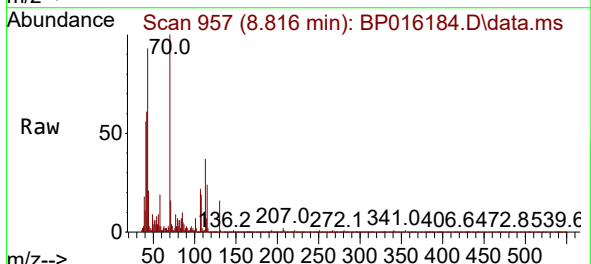
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ClientSampleId :
SSTD005639

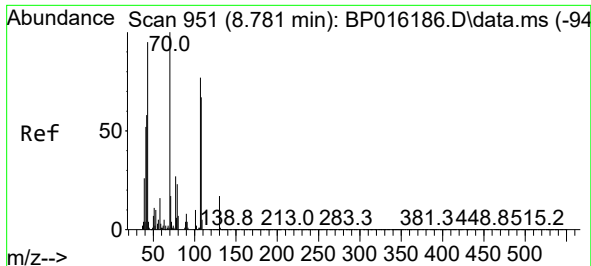
Tgt Ion:105 Resp: 85150
Ion Ratio Lower Upper
105 100
77 94.7 68.6 102.8
51 37.7 25.0 37.4#



#17
N-Nitroso-di-n-propylamine
Concen: 4.283 ng/ul
RT: 8.816 min Scan# 957
Delta R.T. 0.029 min
Lab File: BP016184.D
Acq: 11 Jul 2023 16:34

Tgt Ion: 70 Resp: 42577
Ion Ratio Lower Upper
70 100
42 61.3 50.5 75.7
101 7.5 7.8 11.6#
130 16.0 14.2 21.4

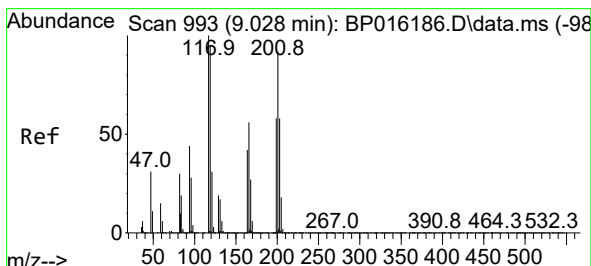
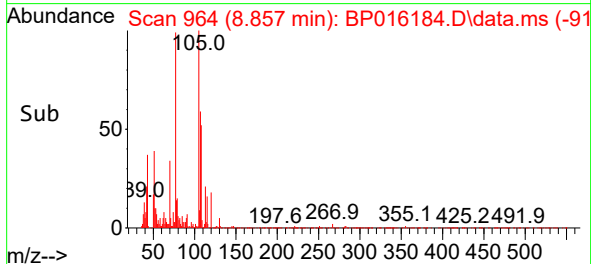
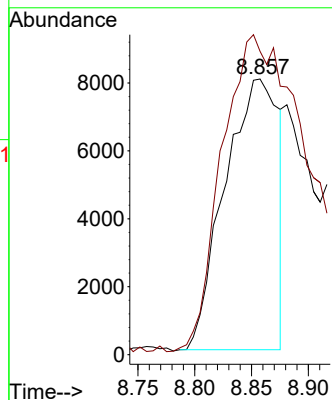
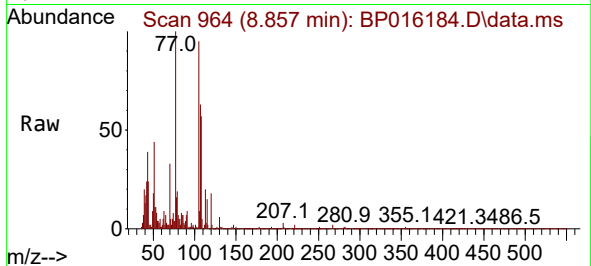




#18
4-Methylphenol
Concen: 2.247 ng/ul
RT: 8.857 min Scan# 910
Delta R.T. 0.076 min
Lab File: BP016184.D
Acq: 11 Jul 2023 16:34

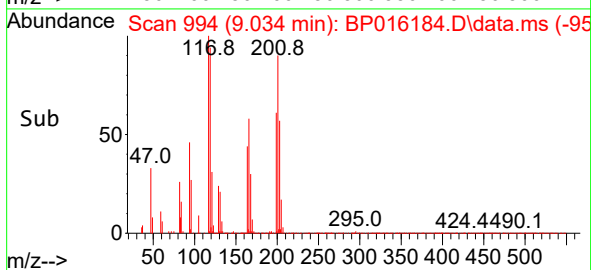
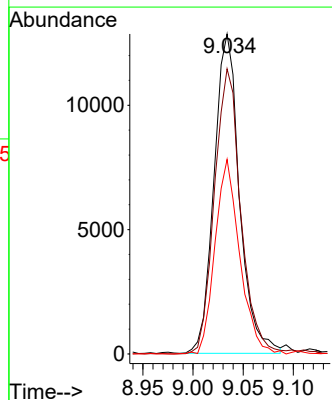
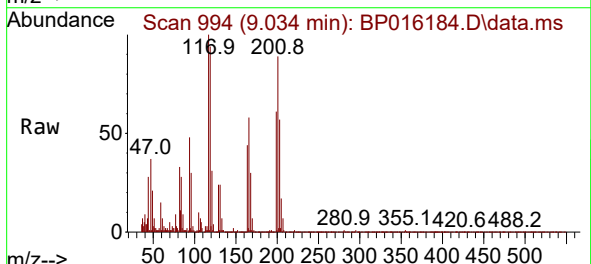
Instrument :
BNA_P
ClientSampleId :
SSTD005639

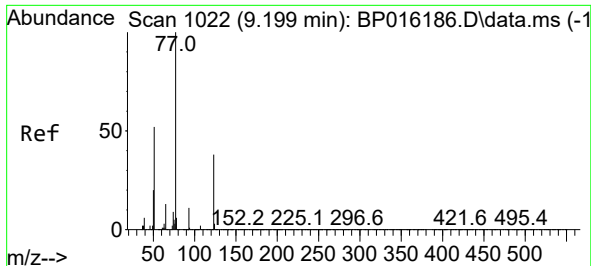
Tgt Ion:108 Resp: 26070
Ion Ratio Lower Upper
108 100
107 110.1 92.5 138.7



#19
Hexachloroethane
Concen: 4.447 ng/ul
RT: 9.034 min Scan# 994
Delta R.T. 0.006 min
Lab File: BP016184.D
Acq: 11 Jul 2023 16:34

Tgt Ion:117 Resp: 22699
Ion Ratio Lower Upper
117 100
201 89.1 73.5 110.3
199 61.4 46.6 69.8

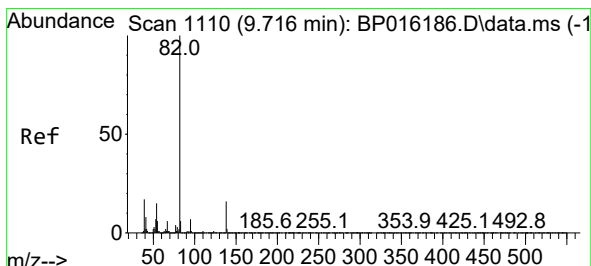
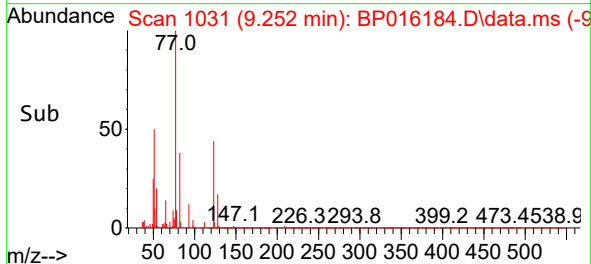
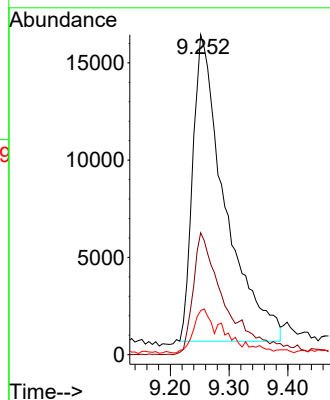
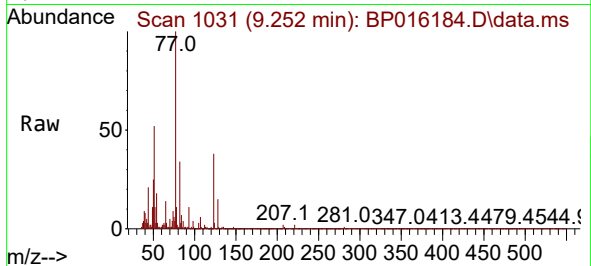




#22
Nitrobenzene
Concen: 3.660 ng/ul
RT: 9.252 min Scan# 1031
Delta R.T. 0.053 min
Lab File: BP016184.D
Acq: 11 Jul 2023 16:34

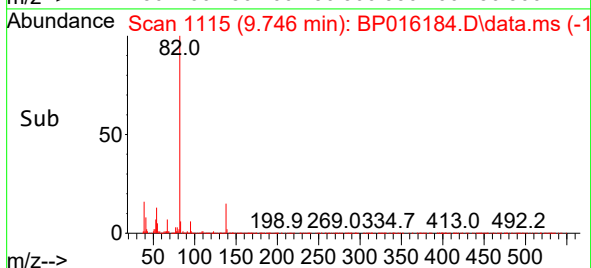
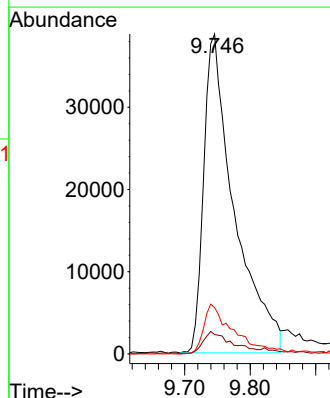
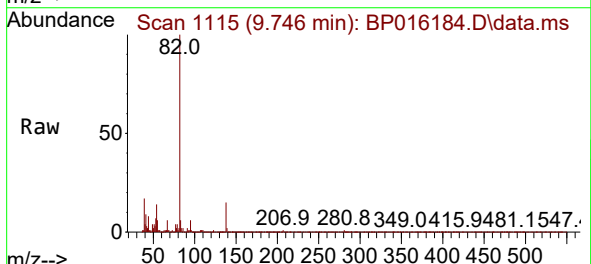
Instrument :
BNA_P
ClientSampleId :
SSTD005639

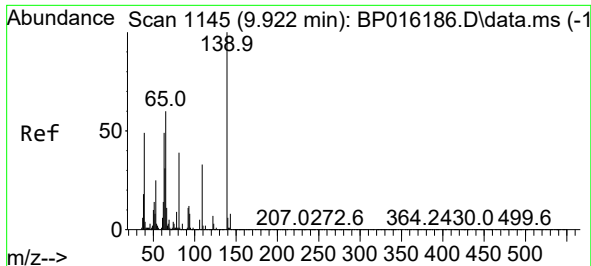
Tgt Ion: 77 Resp: 59740
Ion Ratio Lower Upper
77 100
123 38.1 30.5 45.7
65 13.7 10.7 16.1



#23
Isophorone
Concen: 4.015 ng/ul
RT: 9.746 min Scan# 1115
Delta R.T. 0.029 min
Lab File: BP016184.D
Acq: 11 Jul 2023 16:34

Tgt Ion: 82 Resp: 125420
Ion Ratio Lower Upper
82 100
95 6.0 5.4 8.0
138 14.5 12.4 18.6

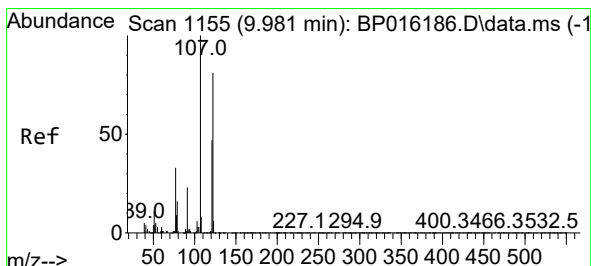
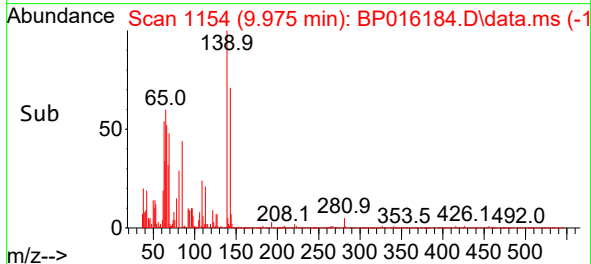
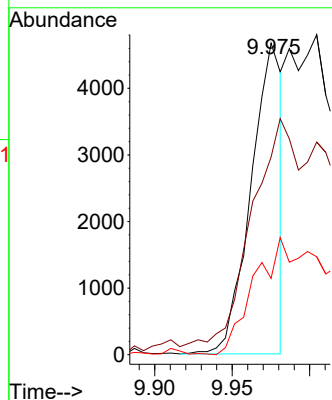
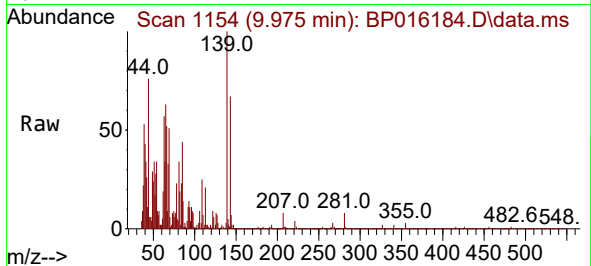




#25
2-Nitrophenol
Concen: 0.903 ng/ul
RT: 9.975 min Scan# 1154
Delta R.T. 0.053 min
Lab File: BP016184.D
Acq: 11 Jul 2023 16:34

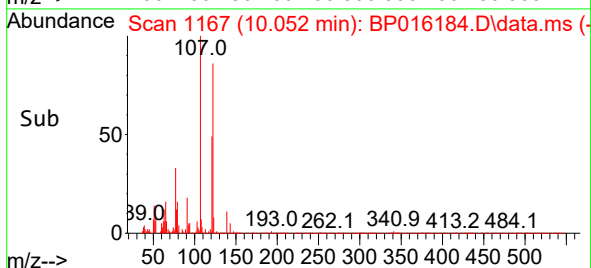
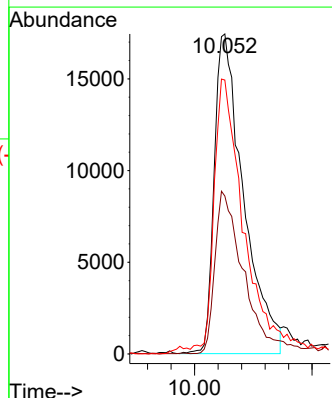
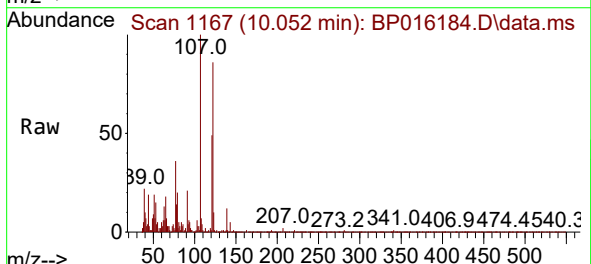
Instrument :
BNA_P
ClientSampleId :
SSTD005639

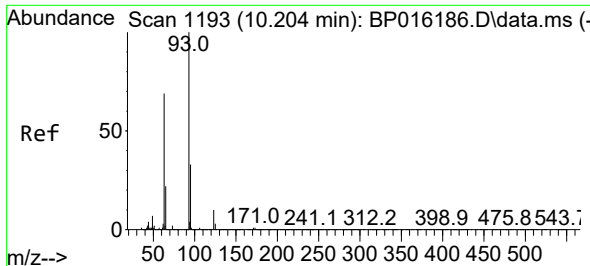
Tgt Ion:139 Resp: 6498
Ion Ratio Lower Upper
139 100
65 63.4 48.6 72.8
109 24.5 26.7 40.1#



#26
2,4-Dimethylphenol
Concen: 3.809 ng/ul
RT: 10.052 min Scan# 1167
Delta R.T. 0.071 min
Lab File: BP016184.D
Acq: 11 Jul 2023 16:34

Tgt Ion:107 Resp: 60285
Ion Ratio Lower Upper
107 100
121 49.4 37.4 56.2
122 85.6 66.0 99.0

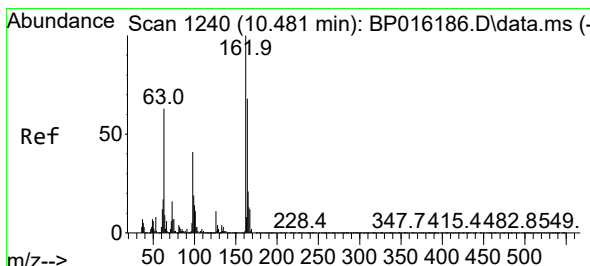
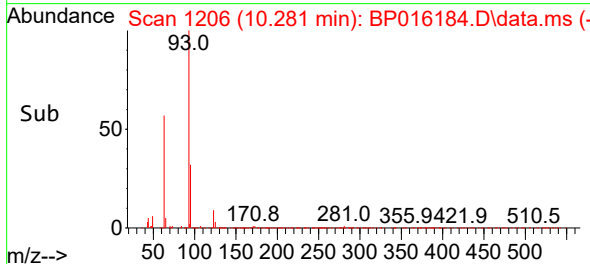
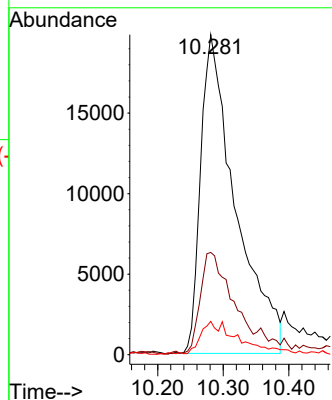
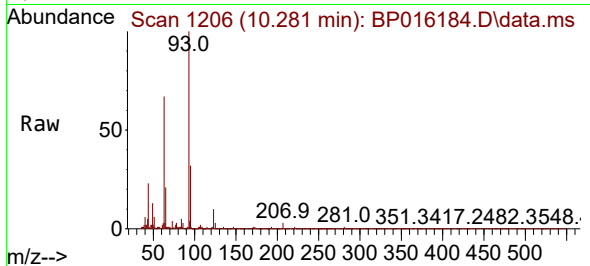




#27
 Bis(2-Chloroethoxy)methane
 Concen: 4.157 ng/ul
 RT: 10.281 min Scan# 1193
 Delta R.T. 0.076 min
 Lab File: BP016184.D
 Acq: 11 Jul 2023 16:34

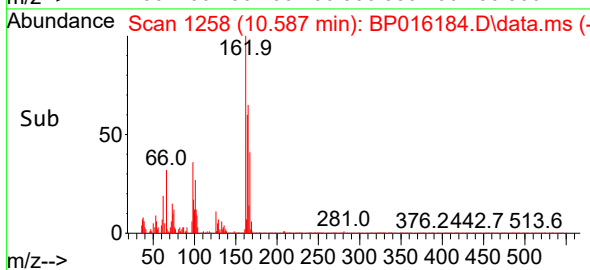
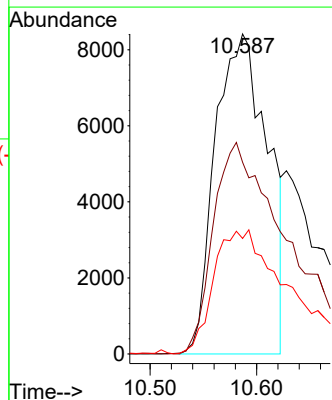
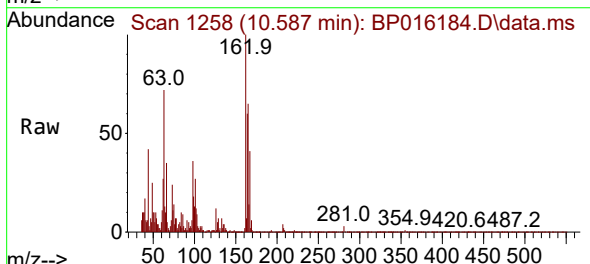
Instrument :
 BNA_P
 ClientSampleId :
 SSTD005639

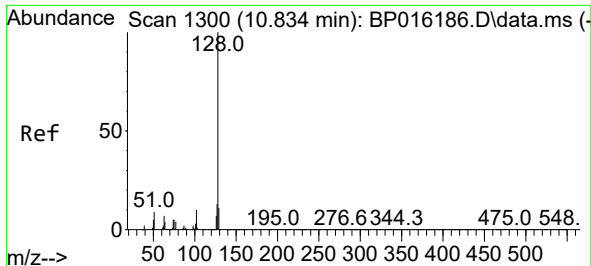
Tgt Ion:	93	Resp:	73307
Ion	Ratio	Lower	Upper
93	100		
95	32.0	26.2	39.2
123	10.4	8.0	12.0



#29
 2,4-Dichlorophenol
 Concen: 2.395 ng/ul
 RT: 10.587 min Scan# 1258
 Delta R.T. 0.106 min
 Lab File: BP016184.D
 Acq: 11 Jul 2023 16:34

Tgt Ion:	162	Resp:	28786
Ion	Ratio	Lower	Upper
162	100		
164	59.9	54.4	81.6
98	36.1	32.6	49.0

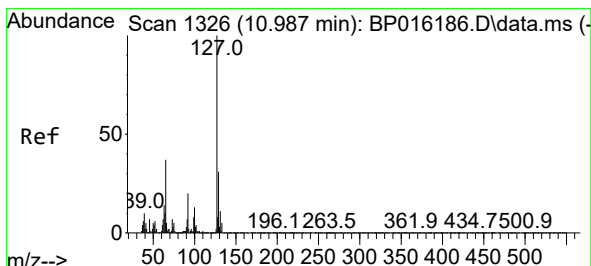
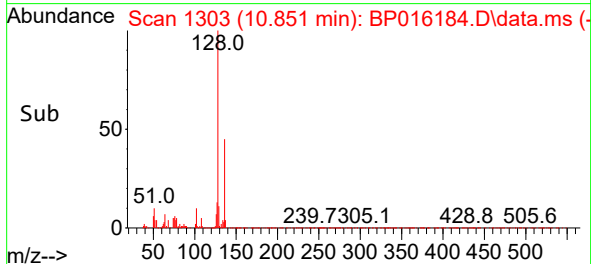
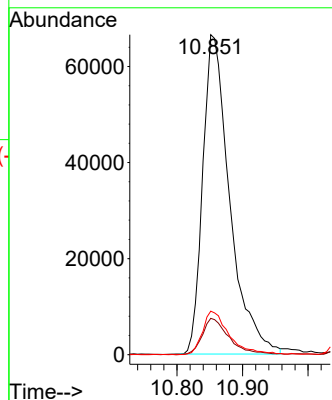
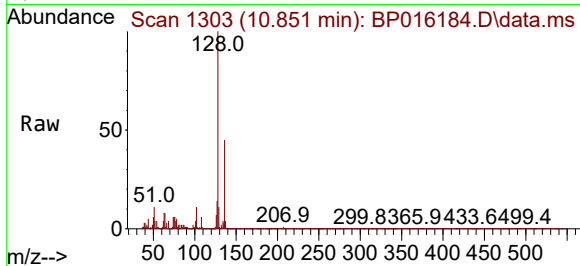




#30
Naphthalene
Concen: 4.600 ng/ul
RT: 10.851 min Scan# 11
Delta R.T. 0.018 min
Lab File: BP016184.D
Acq: 11 Jul 2023 16:34

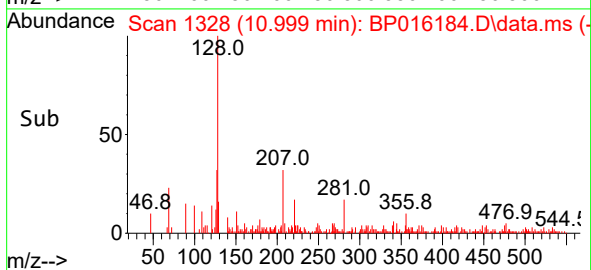
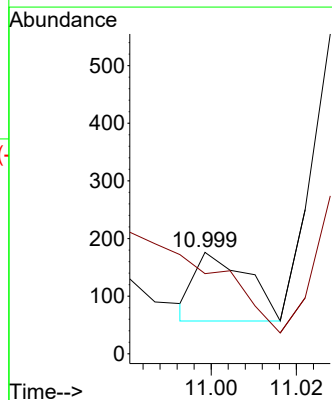
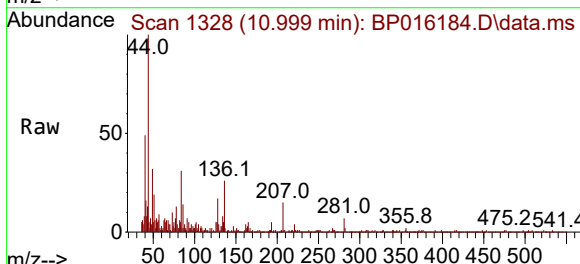
Instrument :
BNA_P
ClientSampleId :
SSTD005639

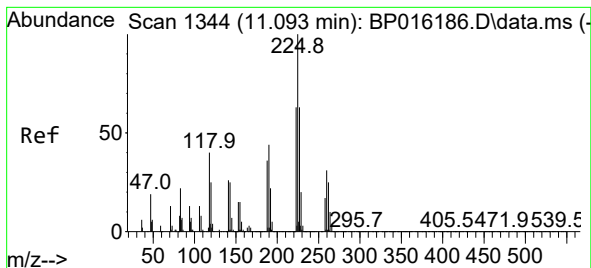
Tgt Ion:128 Resp: 190193
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.6 10.6 16.0



#32
4-Chloroaniline
Concen: 0.006 ng/ul
RT: 10.999 min Scan# 1328
Delta R.T. 0.012 min
Lab File: BP016184.D
Acq: 11 Jul 2023 16:34

Tgt Ion:127 Resp: 101
Ion Ratio Lower Upper
127 100
129 79.0 24.6 37.0#





#33

Hexachlorobutadiene

Concen: 3.731 ng/ul

RT: 11.099 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP016184.D

Acq: 11 Jul 2023 16:34

Instrument :

BNA_P

ClientSampleId :

SSTD005639

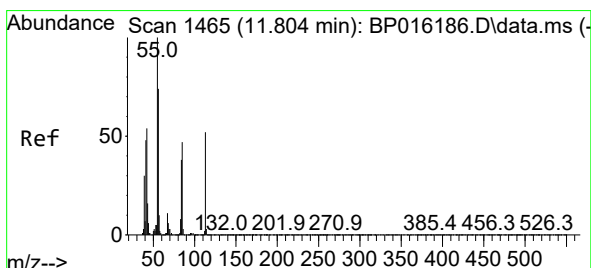
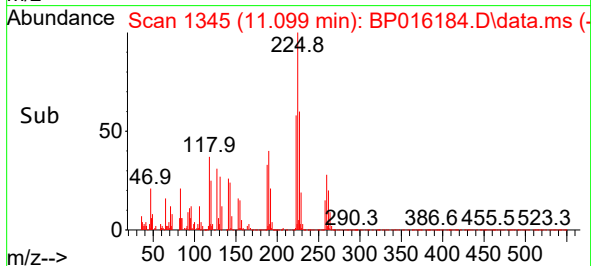
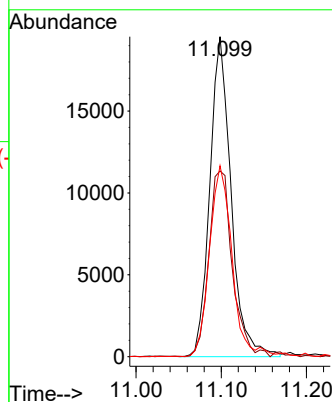
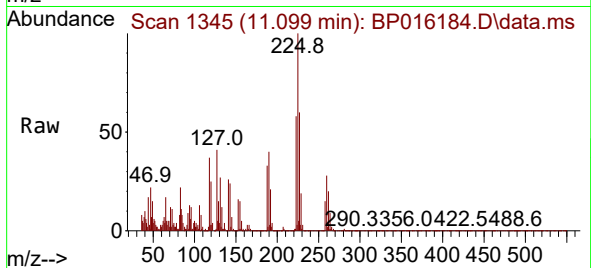
Tgt Ion:225 Resp: 33866

Ion Ratio Lower Upper

225 100

223 58.1 50.6 75.8

227 59.7 50.6 75.8



#34

Caprolactam

Concen: 2.081 ng/ul

RT: 11.840 min Scan# 1471

Delta R.T. 0.035 min

Lab File: BP016184.D

Acq: 11 Jul 2023 16:34

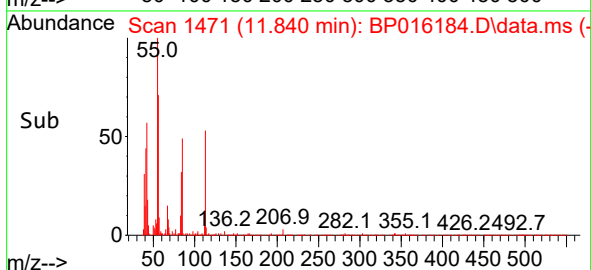
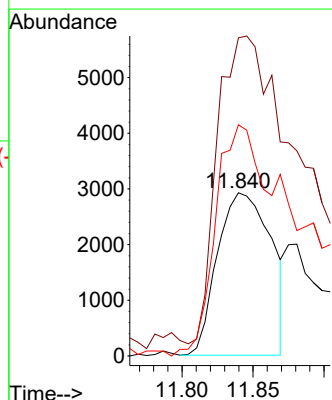
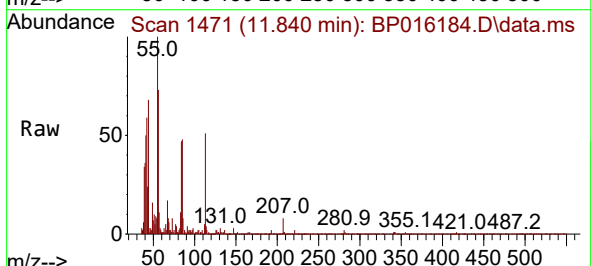
Tgt Ion:113 Resp: 7652

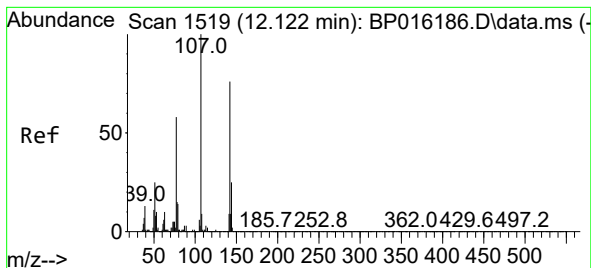
Ion Ratio Lower Upper

113 100

55 194.8 154.7 232.1

56 141.6 115.0 172.4

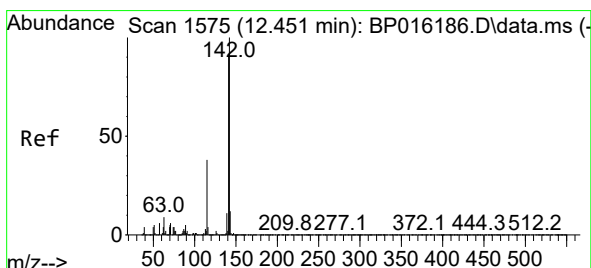
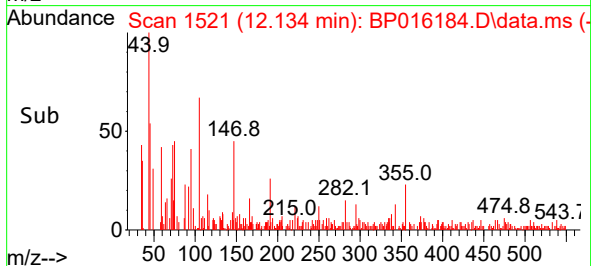
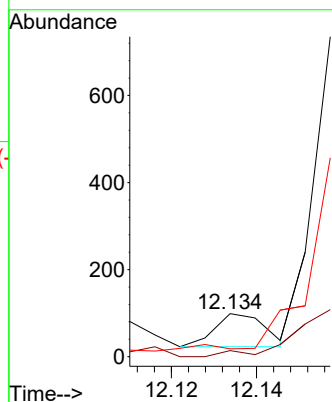
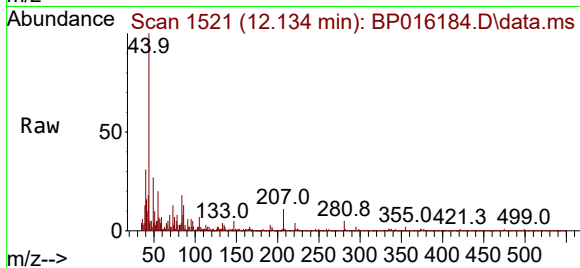




#35
4-Chloro-3-methylphenol
Concen: 0.004 ng/ul
RT: 12.134 min Scan# 11
Delta R.T. 0.012 min
Lab File: BP016184.D
Acq: 11 Jul 2023 16:34

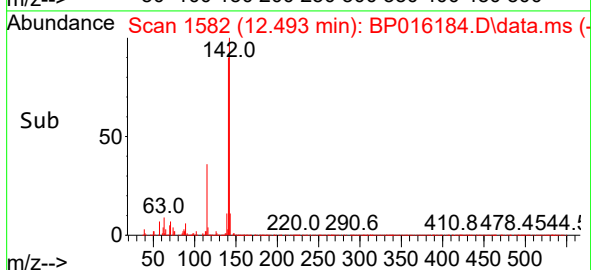
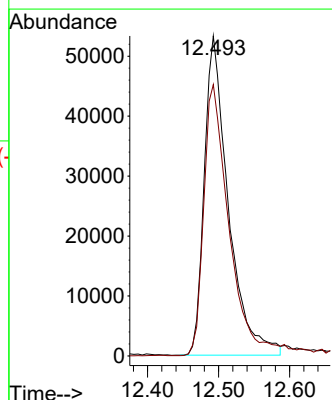
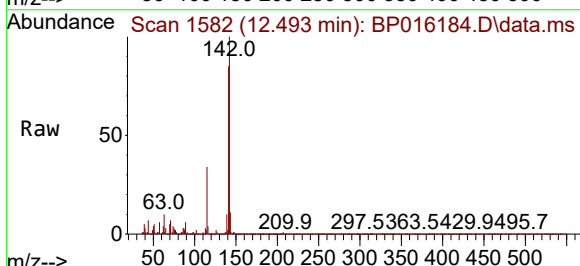
Instrument :
BNA_P
ClientSampleId :
SSTD005639

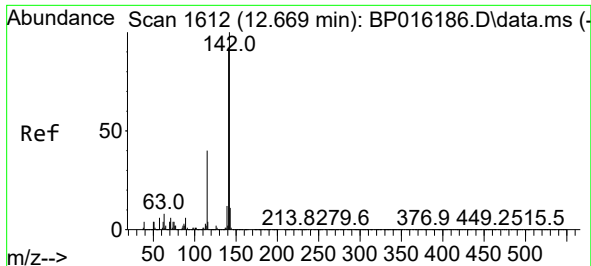
Tgt Ion:107 Resp: 62
Ion Ratio Lower Upper
107 100
144 14.1 20.0 30.0#
142 18.2 60.6 91.0#



#36
2-Methylnaphthalene
Concen: 4.614 ng/ul
RT: 12.493 min Scan# 1582
Delta R.T. 0.041 min
Lab File: BP016184.D
Acq: 11 Jul 2023 16:34

Tgt Ion:142 Resp: 125571
Ion Ratio Lower Upper
142 100
141 84.8 72.5 108.7

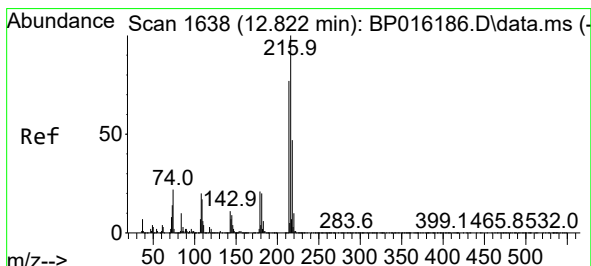
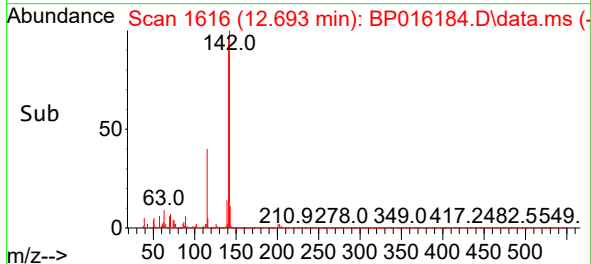
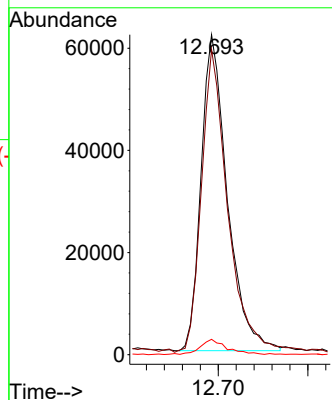
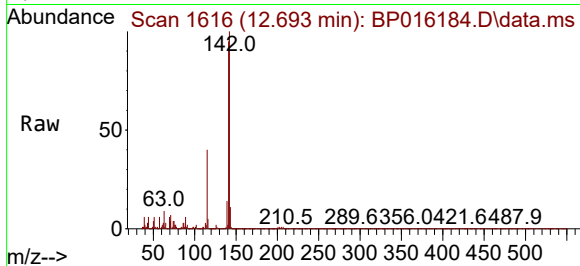




#37
1-Methylnaphthalene
Concen: 4.531 ng/ul
RT: 12.693 min Scan# 1612
Delta R.T. 0.024 min
Lab File: BP016184.D
Acq: 11 Jul 2023 16:34

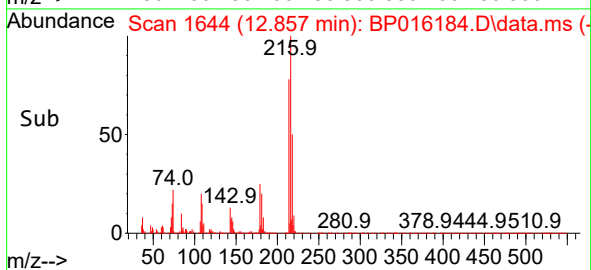
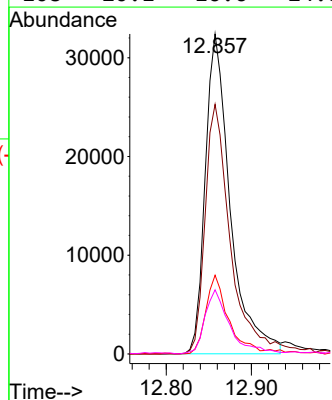
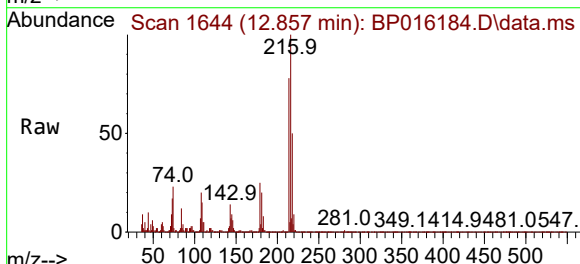
Instrument :
BNA_P
ClientSampleId :
SSTD005639

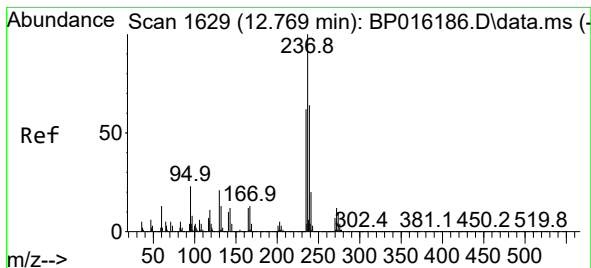
Tgt Ion:142 Resp: 125799
Ion Ratio Lower Upper
142 100
141 95.4 73.4 110.2
116 4.8 3.5 5.3



#39
1,2,4,5-Tetrachlorobenzene
Concen: 3.980 ng/ul
RT: 12.857 min Scan# 1644
Delta R.T. 0.035 min
Lab File: BP016184.D
Acq: 11 Jul 2023 16:34

Tgt Ion:216 Resp: 66218
Ion Ratio Lower Upper
216 100
214 78.0 61.3 91.9
179 24.6 16.9 25.3
108 20.1 16.6 24.8





#40

Hexachlorocyclopentadiene

Concen: 0.927 ng/ul

RT: 12.781 min Scan# 1631

Delta R.T. 0.012 min

Lab File: BP016184.D

Acq: 11 Jul 2023 16:34

Instrument :

BNA_P

ClientSampleId :

SSTD005639

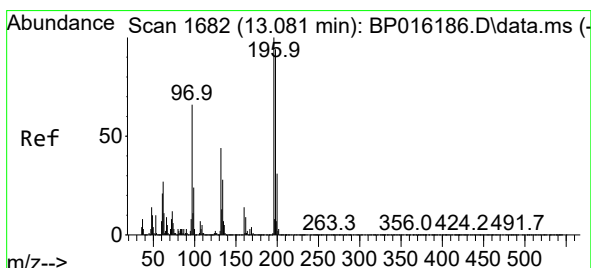
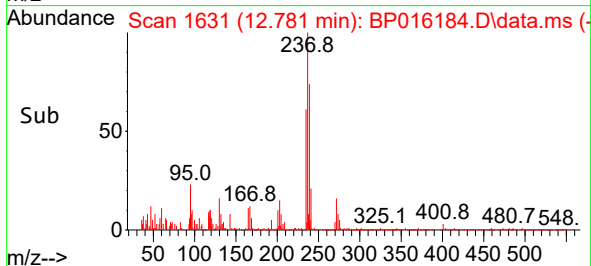
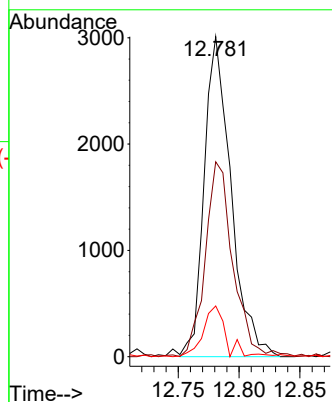
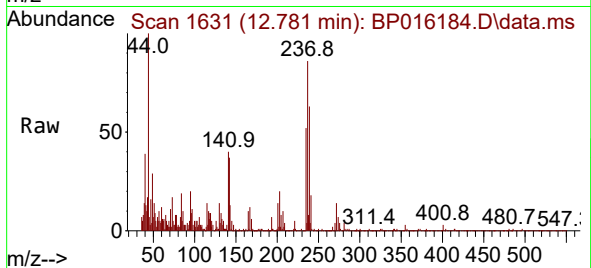
Tgt Ion:237 Resp: 4614

Ion Ratio Lower Upper

237 100

235 60.9 49.4 74.0

272 16.1 10.1 15.1#



#41

2,4,6-Trichlorophenol

Concen: 2.092 ng/ul

RT: 13.134 min Scan# 1691

Delta R.T. 0.053 min

Lab File: BP016184.D

Acq: 11 Jul 2023 16:34

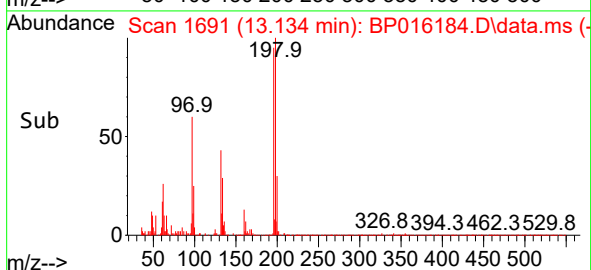
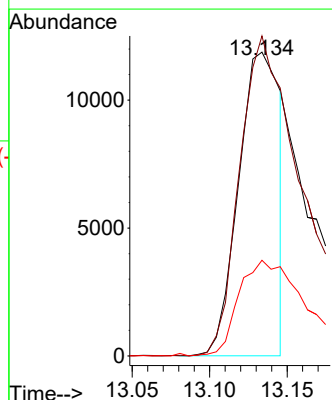
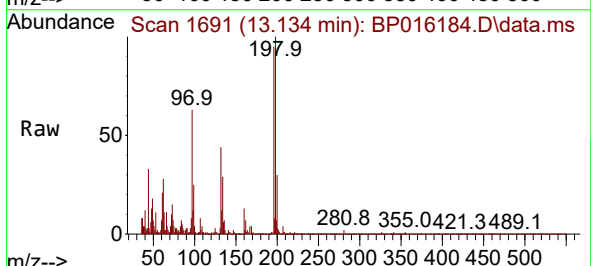
Tgt Ion:196 Resp: 21996

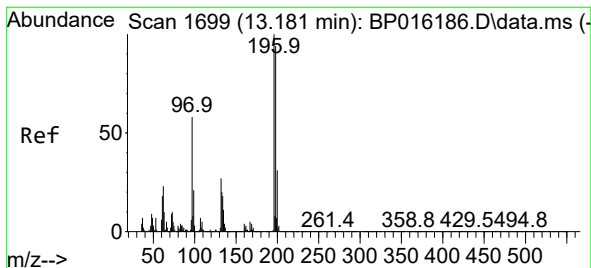
Ion Ratio Lower Upper

196 100

198 105.3 75.1 112.7

200 34.4 24.6 36.8





#42

2,4,5-Trichlorophenol

Concen: 2.851 ng/ul

RT: 13.134 min Scan# 1

Delta R.T. -0.047 min

Lab File: BP016184.D

Acq: 11 Jul 2023 16:34

Instrument :

BNA_P

ClientSampleId :

SSTD005639

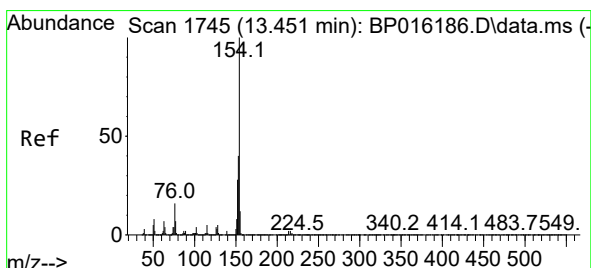
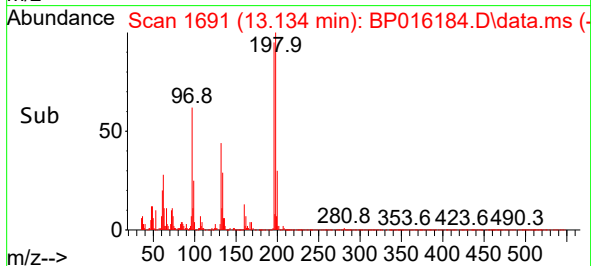
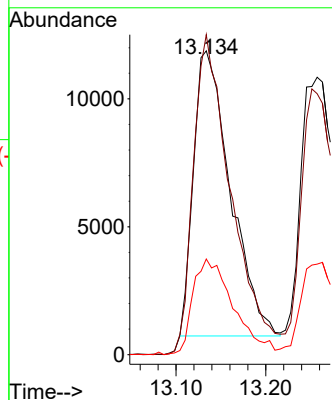
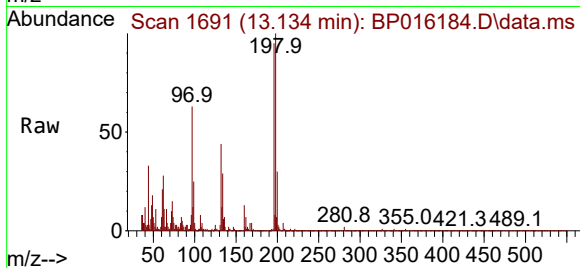
Tgt Ion:196 Resp: 31795

Ion Ratio Lower Upper

196 100

198 105.3 75.0 112.6

200 34.4 24.7 37.1



#43

1,1'-Biphenyl

Concen: 4.346 ng/ul

RT: 13.475 min Scan# 1749

Delta R.T. 0.024 min

Lab File: BP016184.D

Acq: 11 Jul 2023 16:34

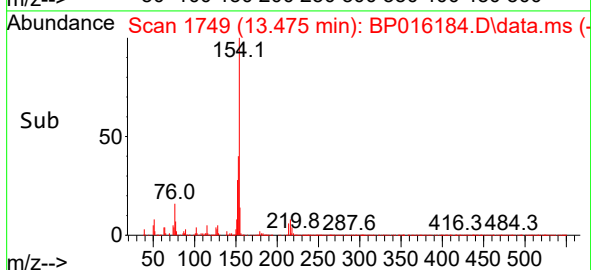
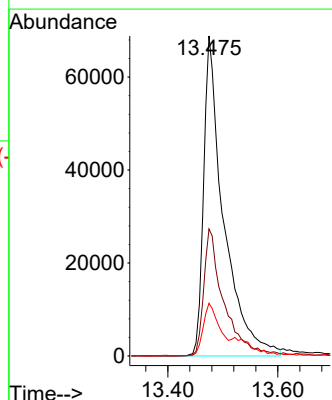
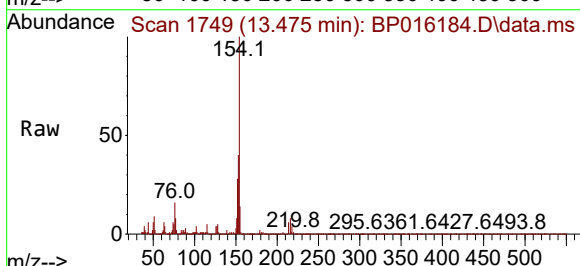
Tgt Ion:154 Resp: 173758

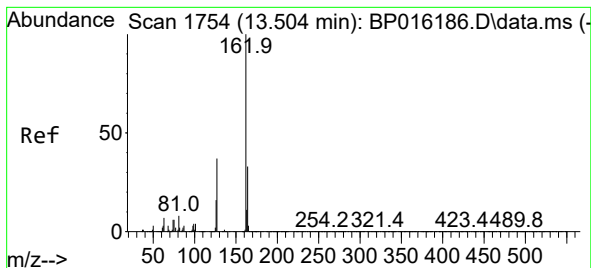
Ion Ratio Lower Upper

154 100

153 39.7 31.8 47.6

76 16.5 12.7 19.1





#44

2-Chloronaphthalene

Concen: 4.249 ng/ul

RT: 13.534 min Scan# 1

Delta R.T. 0.029 min

Lab File: BP016184.D

Acq: 11 Jul 2023 16:34

Instrument :

BNA_P

ClientSampleId :

SSTD005639

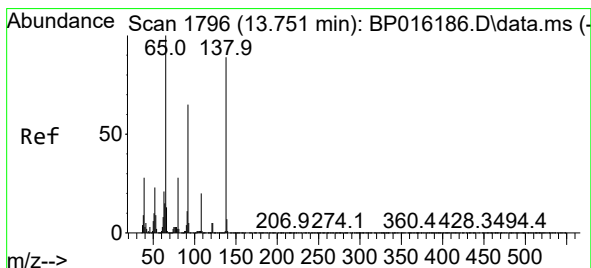
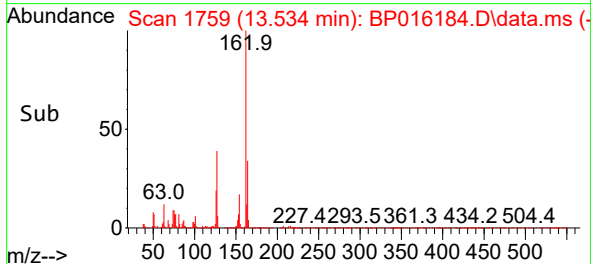
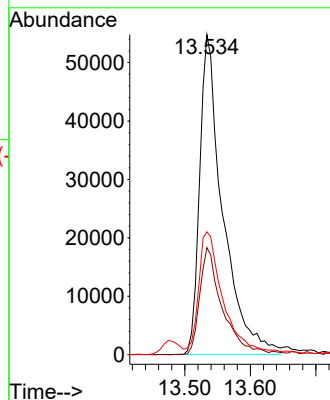
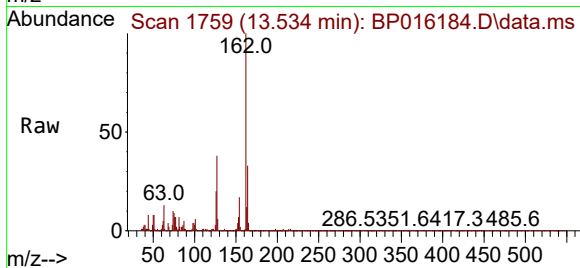
Tgt Ion:162 Resp: 133828

Ion Ratio Lower Upper

162 100

164 33.4 26.0 39.0

127 38.4 32.1 48.1



#45

2-Nitroaniline

Concen: 2.621 ng/ul

RT: 13.816 min Scan# 1807

Delta R.T. 0.065 min

Lab File: BP016184.D

Acq: 11 Jul 2023 16:34

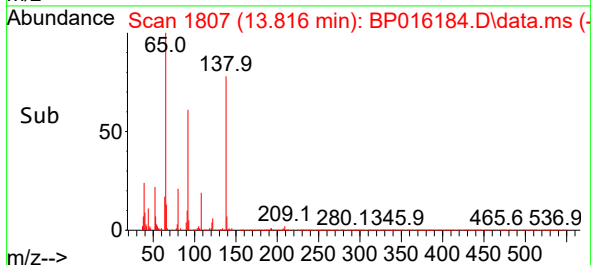
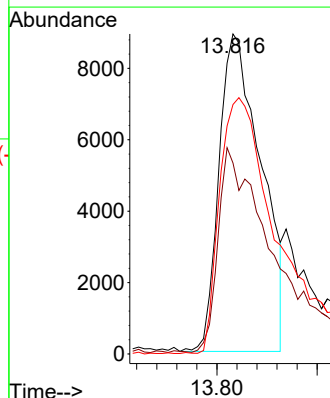
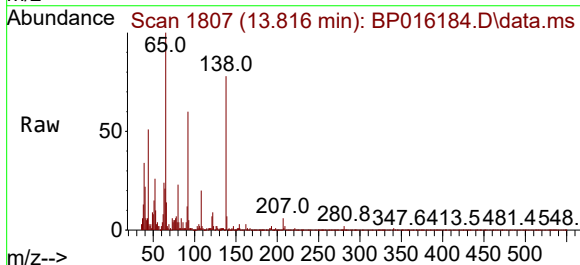
Tgt Ion: 65 Resp: 25973

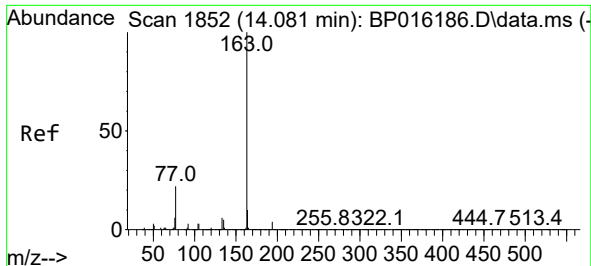
Ion Ratio Lower Upper

65 100

92 59.7 51.6 77.4

138 77.9 71.2 106.8





#47

Dimethylphthalate

Concen: 4.623 ng/ul

RT: 14.104 min Scan# 1856

Delta R.T. 0.024 min

Lab File: BP016184.D

Acq: 11 Jul 2023 16:34

Instrument :

BNA_P

ClientSampleId :

SSTD005639

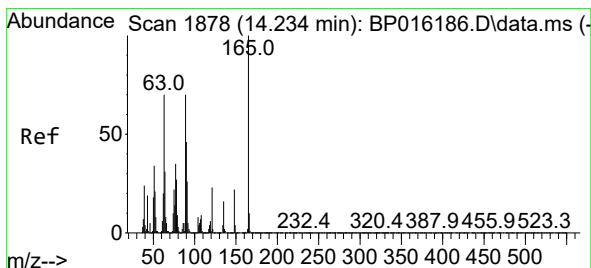
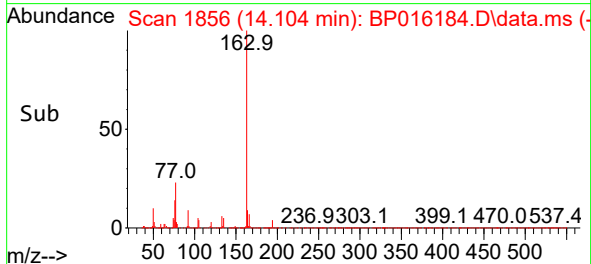
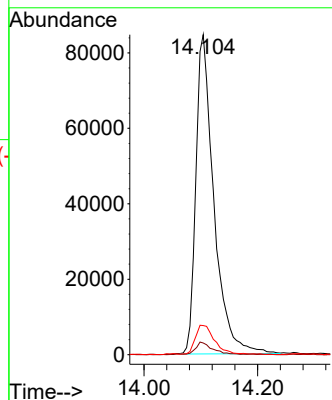
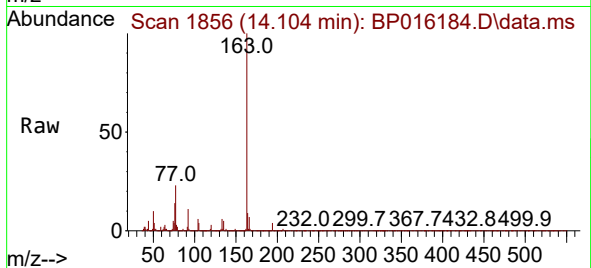
Tgt Ion:163 Resp: 186668

Ion Ratio Lower Upper

163 100

194 3.6 2.9 4.3

164 9.1 8.2 12.4



#48

2,6-Dinitrotoluene

Concen: 3.313 ng/ul

RT: 14.281 min Scan# 1886

Delta R.T. 0.047 min

Lab File: BP016184.D

Acq: 11 Jul 2023 16:34

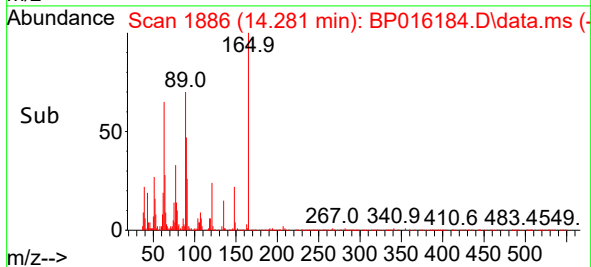
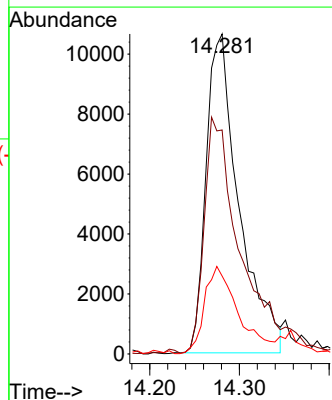
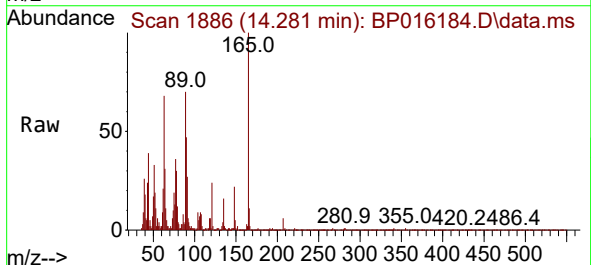
Tgt Ion:165 Resp: 27135

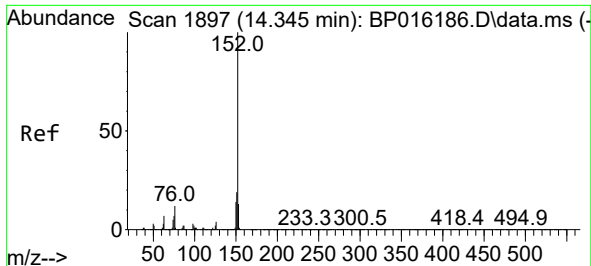
Ion Ratio Lower Upper

165 100

89 70.0 56.0 84.0

121 24.4 18.4 27.6

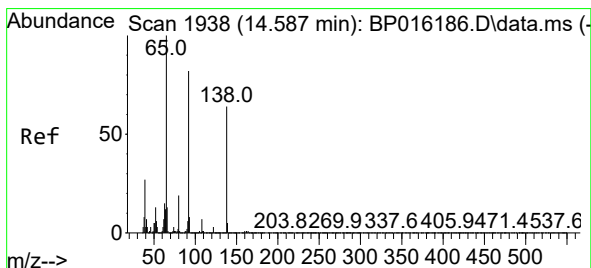
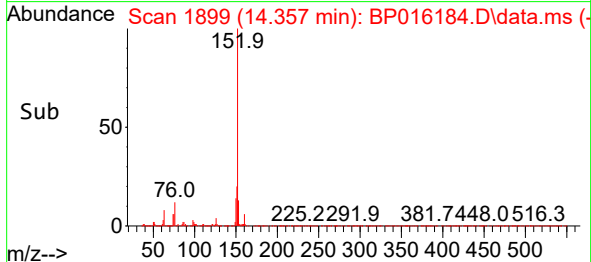
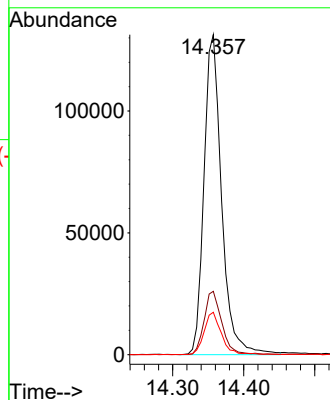
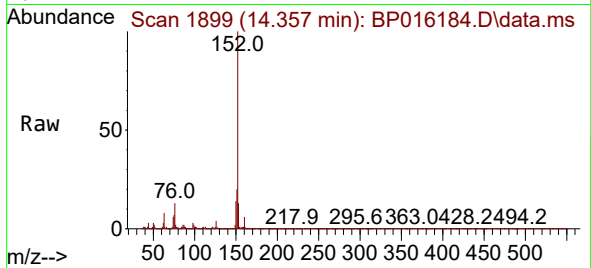




#50
Acenaphthylene
Concen: 4.700 ng/ul
RT: 14.357 min Scan# 1899
Delta R.T. 0.012 min
Lab File: BP016184.D
Acq: 11 Jul 2023 16:34

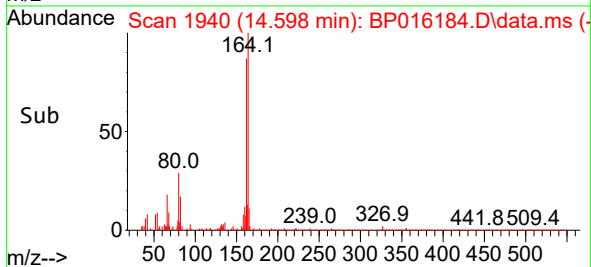
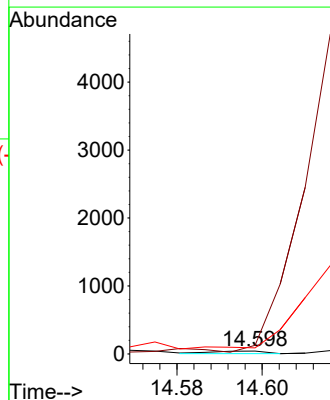
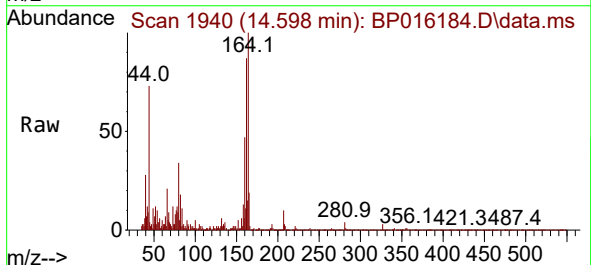
Instrument :
BNA_P
ClientSampleId :
SSTD005639

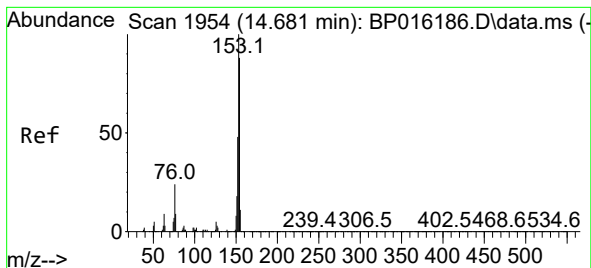
Tgt Ion:152 Resp: 227129
Ion Ratio Lower Upper
152 100
151 19.8 15.4 23.2
153 13.2 10.2 15.4



#51
3-Nitroaniline
Concen: 0.005 ng/ul
RT: 14.598 min Scan# 1940
Delta R.T. 0.012 min
Lab File: BP016184.D
Acq: 11 Jul 2023 16:34

Tgt Ion:138 Resp: 32
Ion Ratio Lower Upper
138 100
108 297.7 8.8 13.2#
92 207.0 102.6 153.8#





#52

Acenaphthene

Concen: 4.829 ng/ul

RT: 14.692 min Scan# 1956

Delta R.T. 0.012 min

Lab File: BP016184.D

Acq: 11 Jul 2023 16:34

Instrument :

BNA_P

ClientSampleId :

SSTD005639

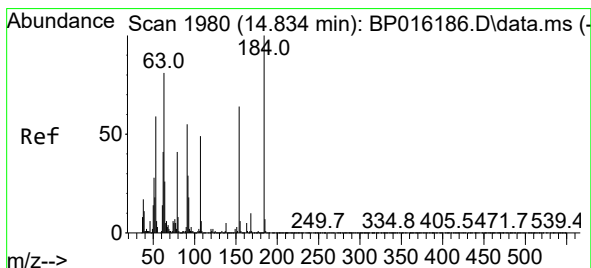
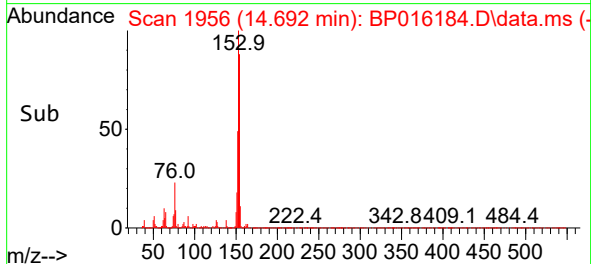
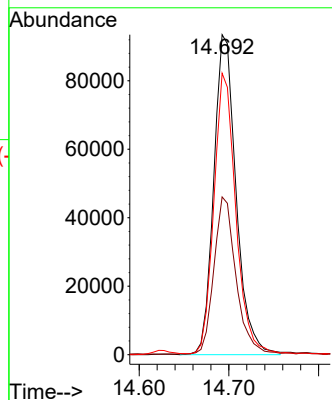
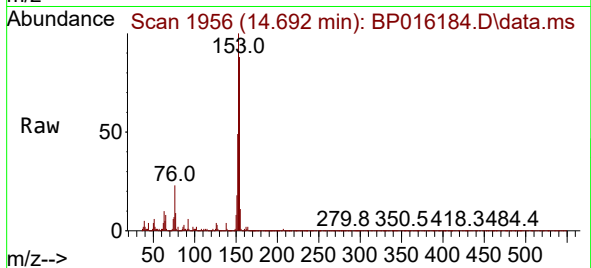
Tgt Ion:153 Resp: 161853

Ion Ratio Lower Upper

153 100

152 49.3 38.4 57.6

154 87.9 70.3 105.5



#53

2,4-Dinitrophenol

Concen: 0.834 ng/ul

RT: 14.963 min Scan# 2002

Delta R.T. 0.129 min

Lab File: BP016184.D

Acq: 11 Jul 2023 16:34

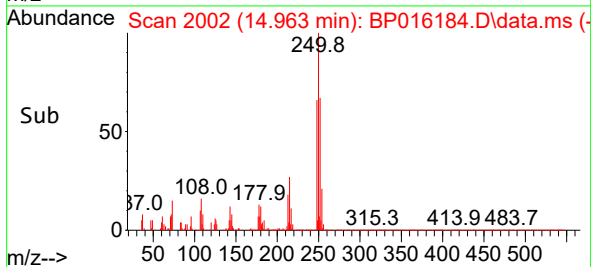
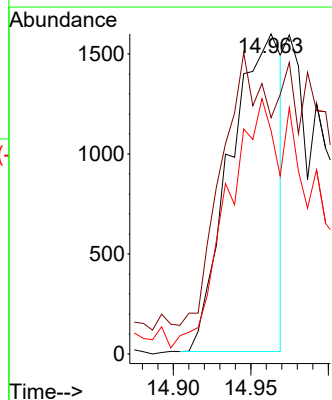
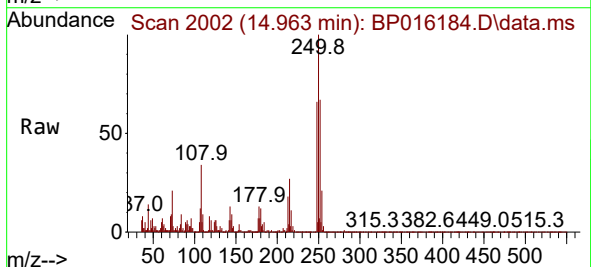
Tgt Ion:184 Resp: 3624

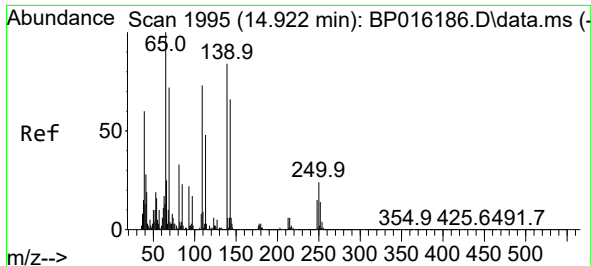
Ion Ratio Lower Upper

184 100

63 69.6 65.4 98.2

154 65.7 51.8 77.8

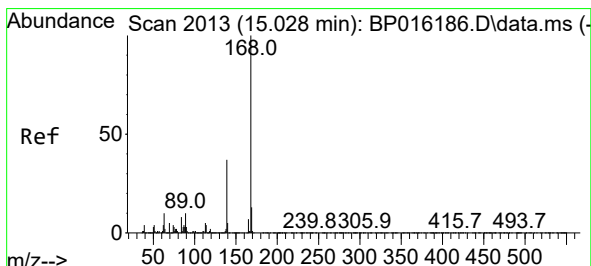
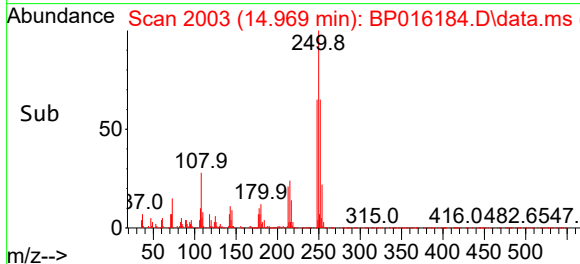
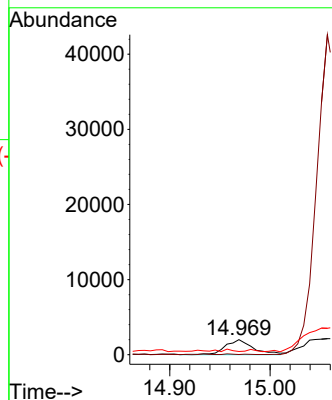
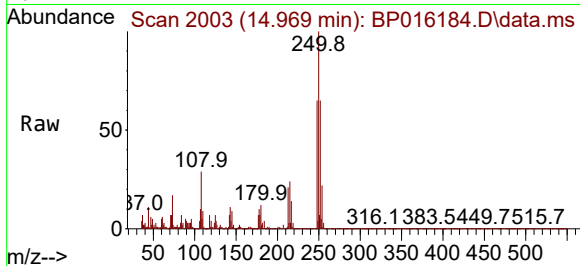




#55
4-Nitrophenol
Concen: 0.715 ng/ul
RT: 14.969 min Scan# 2018
Delta R.T. 0.047 min
Lab File: BP016184.D
Acq: 11 Jul 2023 16:34

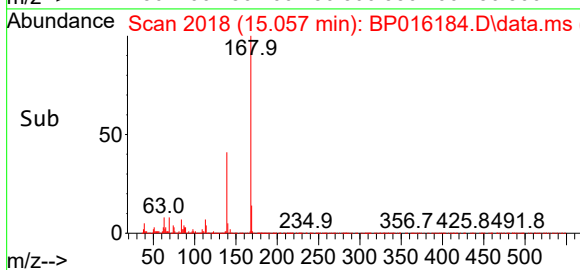
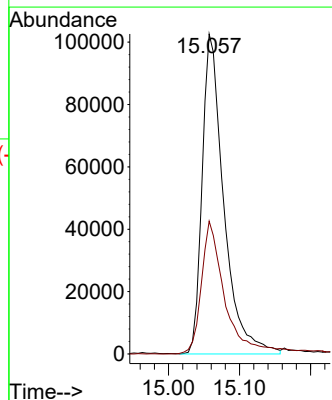
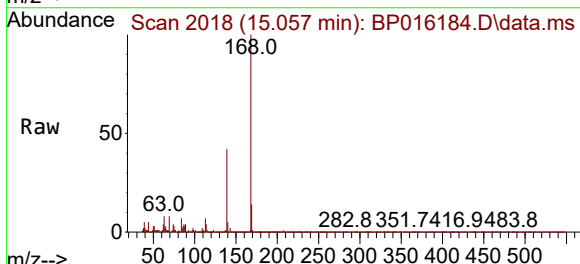
Instrument :
BNA_P
ClientSampleId :
SSTD005639

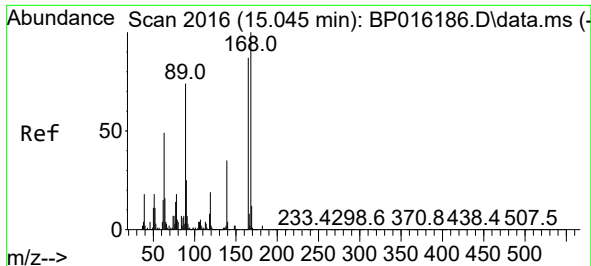
Tgt Ion:109 Resp: 3814
Ion Ratio Lower Upper
109 100
139 0.7 92.5 138.7#
65 21.6 112.9 169.3#



#56
Dibenzofuran
Concen: 4.659 ng/ul
RT: 15.057 min Scan# 2018
Delta R.T. 0.029 min
Lab File: BP016184.D
Acq: 11 Jul 2023 16:34

Tgt Ion:168 Resp: 216768
Ion Ratio Lower Upper
168 100
139 41.5 30.8 46.2

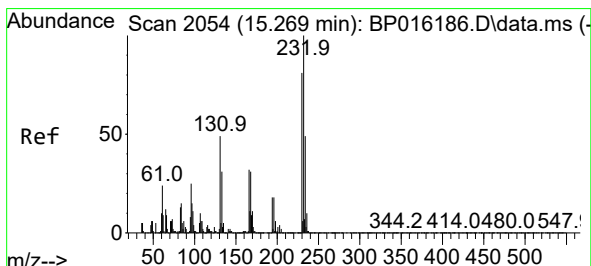
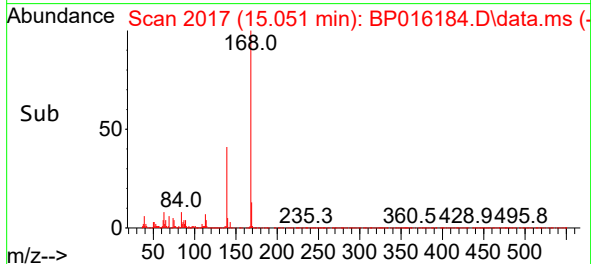
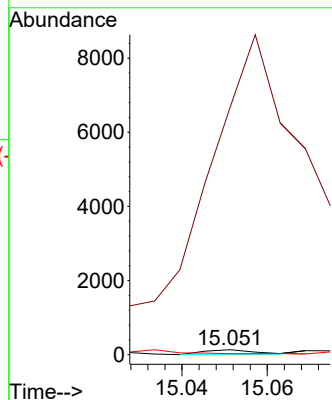
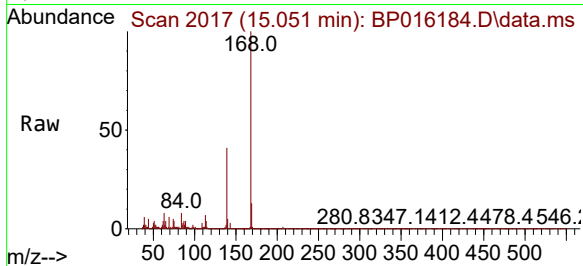




#57
2,4-Dinitrotoluene
Concen: 0.010 ng/ul
RT: 15.051 min Scan# 2016
Delta R.T. 0.006 min
Lab File: BP016184.D
Acq: 11 Jul 2023 16:34

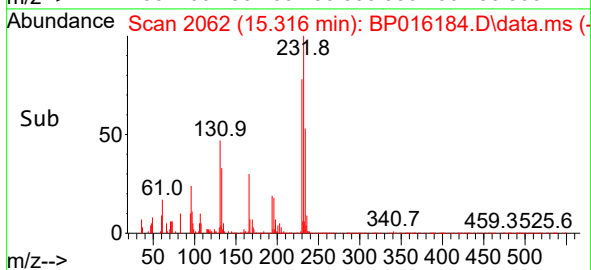
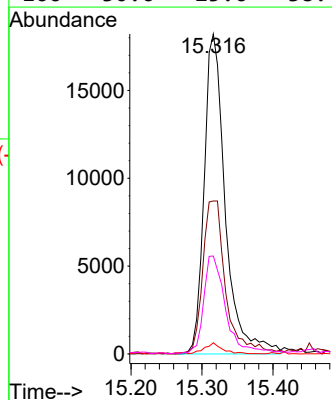
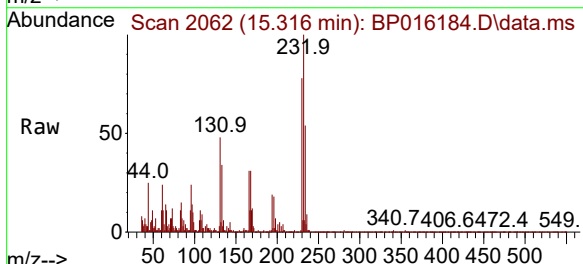
Instrument :
BNA_P
ClientSampleId :
SSTD005639

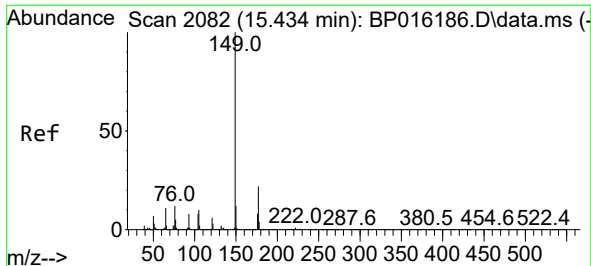
Tgt Ion:165 Resp: 117
Ion Ratio Lower Upper
165 100
63 4944.4 47.8 71.6#
182 17.8 2.2 3.2#



#58
2,3,4,6-Tetrachlorophenol
Concen: 3.939 ng/ul
RT: 15.316 min Scan# 2062
Delta R.T. 0.047 min
Lab File: BP016184.D
Acq: 11 Jul 2023 16:34

Tgt Ion:232 Resp: 37726
Ion Ratio Lower Upper
232 100
131 47.8 39.0 58.4
130 3.5 2.0 3.0#
166 30.6 25.6 38.4





#59

Diethylphthalate

Concen: 4.635 ng/ul

RT: 15.451 min Scan# 2085

Delta R.T. 0.018 min

Lab File: BP016184.D

Acq: 11 Jul 2023 16:34

Instrument :

BNA_P

ClientSampleId :

SSTD005639

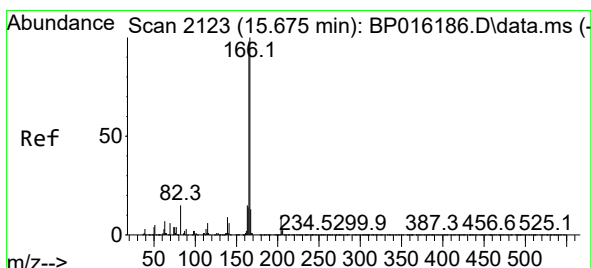
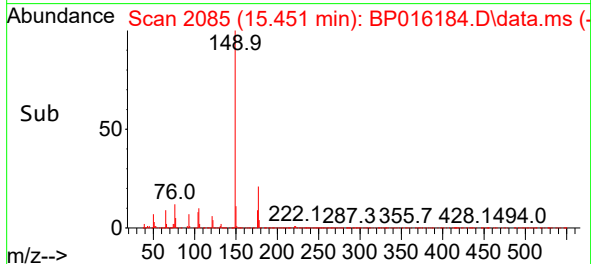
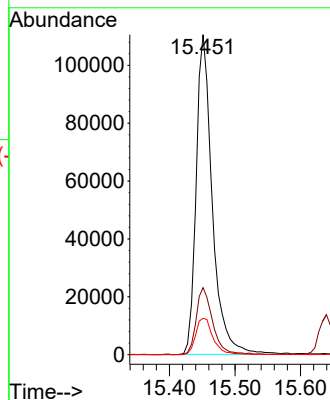
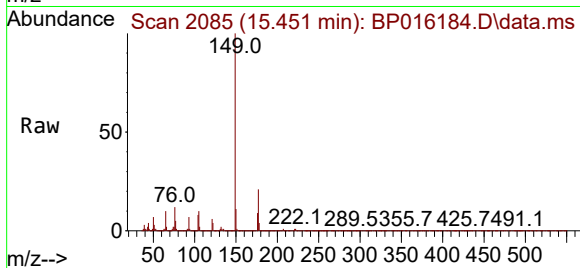
Tgt Ion:149 Resp: 189419

Ion Ratio Lower Upper

149 100

177 21.0 17.4 26.0

150 11.4 9.9 14.9



#61

Fluorene

Concen: 4.788 ng/ul

RT: 15.698 min Scan# 2127

Delta R.T. 0.023 min

Lab File: BP016184.D

Acq: 11 Jul 2023 16:34

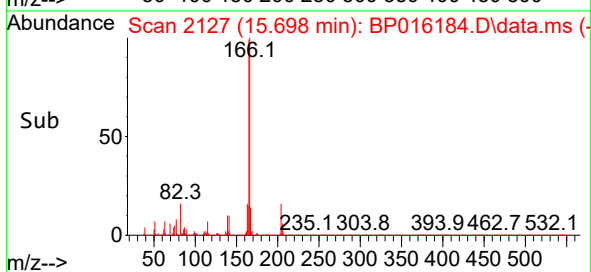
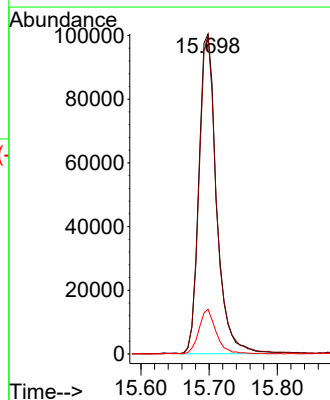
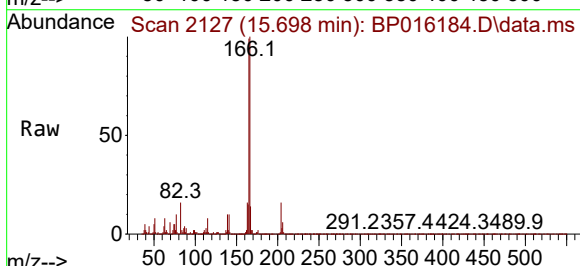
Tgt Ion:166 Resp: 180686

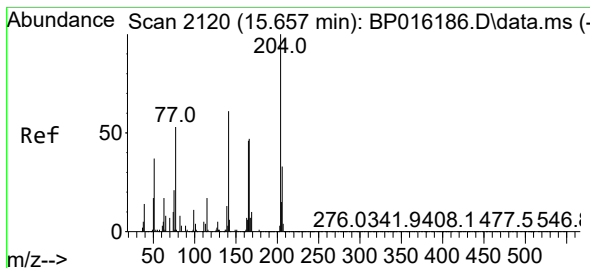
Ion Ratio Lower Upper

166 100

165 99.4 78.6 117.8

167 14.0 10.6 15.8

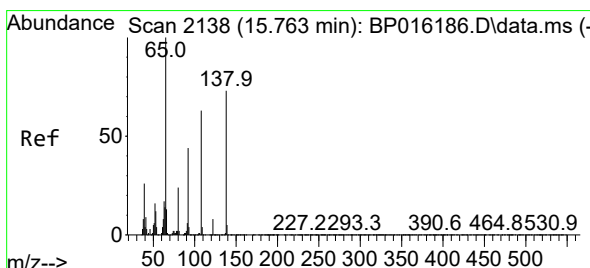
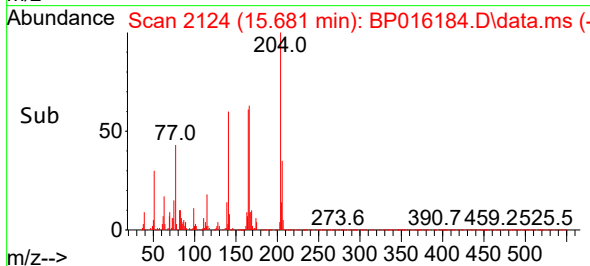
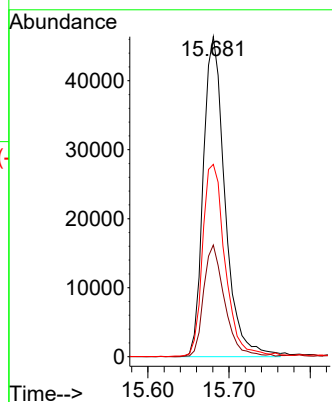
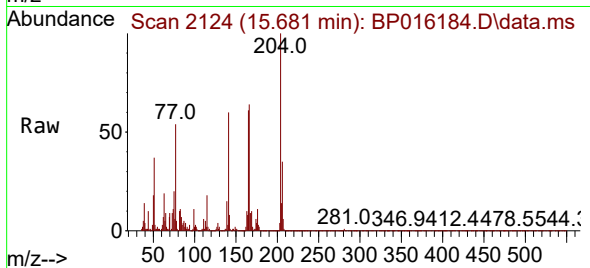




#62
4-Chlorophenyl-phenylether
Concen: 4.465 ng/ul
RT: 15.681 min Scan# 2120
Delta R.T. 0.024 min
Lab File: BP016184.D
Acq: 11 Jul 2023 16:34

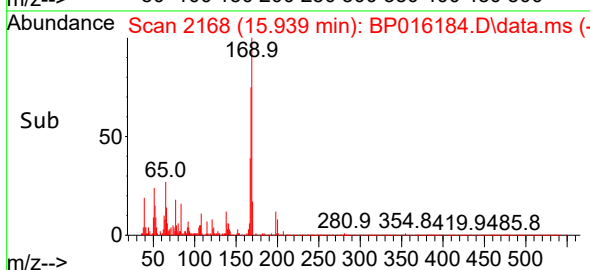
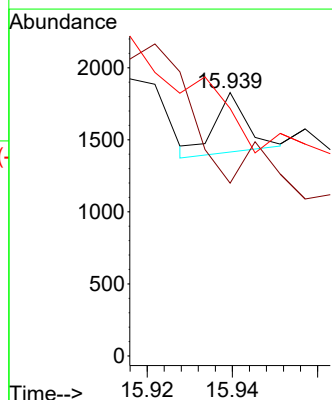
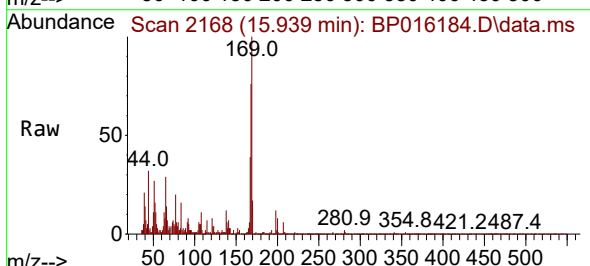
Instrument :
BNA_P
ClientSampleId :
SSTD005639

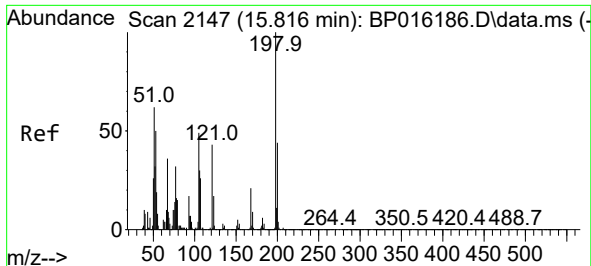
Tgt Ion:204 Resp: 86210
Ion Ratio Lower Upper
204 100
206 34.9 26.3 39.5
141 60.1 48.6 73.0



#63
4-Nitroaniline
Concen: 0.050 ng/ul
RT: 15.939 min Scan# 2168
Delta R.T. 0.176 min
Lab File: BP016184.D
Acq: 11 Jul 2023 16:34

Tgt Ion:138 Resp: 221
Ion Ratio Lower Upper
138 100
92 65.6 47.9 71.9
108 94.0 68.6 103.0

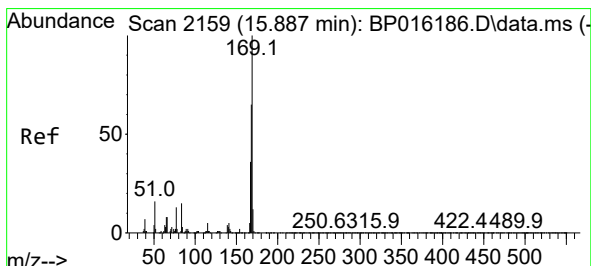
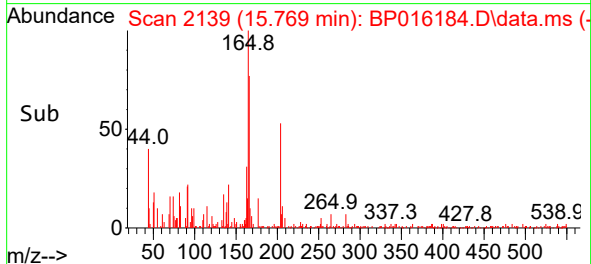
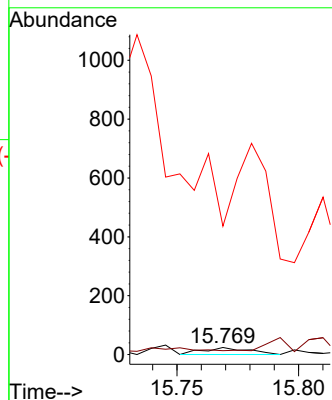
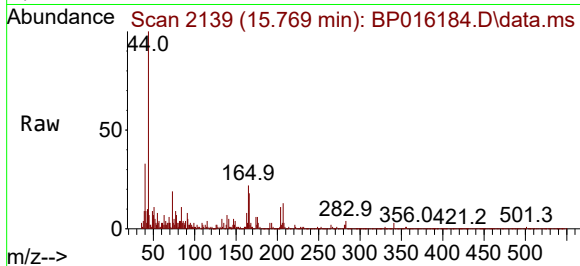




#66
4,6-Dinitro-2-methylphenol
Concen: 0.004 ng/ul
RT: 15.769 min Scan# 2139
Delta R.T. -0.047 min
Lab File: BP016184.D
Acq: 11 Jul 2023 16:34

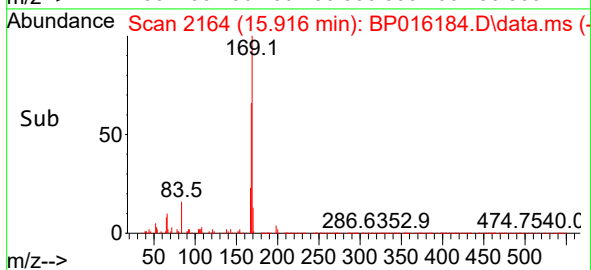
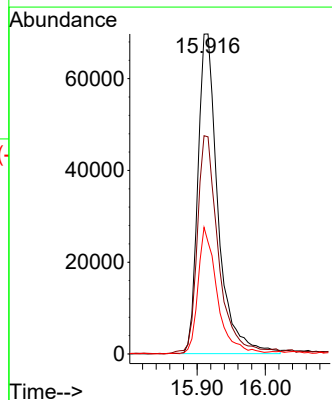
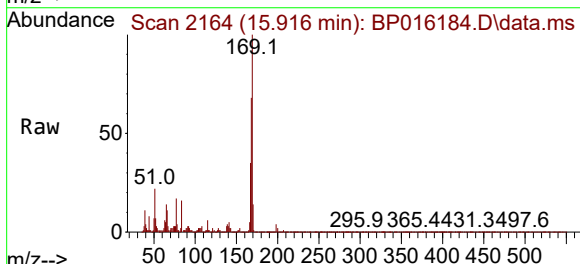
Instrument :
BNA_P
ClientSampleId :
SSTD005639

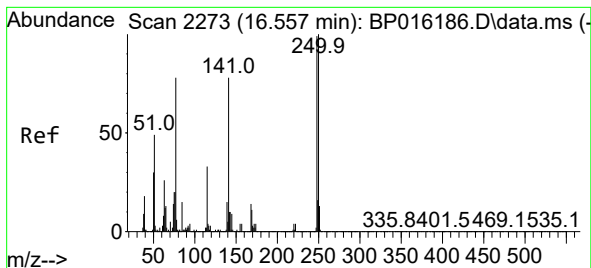
Tgt Ion:198 Resp: 31
Ion Ratio Lower Upper
198 100
182 54.2 4.9 7.3#
77 1816.7 27.1 40.7#



#67
N-Nitrosodiphenylamine
Concen: 4.157 ng/ul
RT: 15.916 min Scan# 2164
Delta R.T. 0.029 min
Lab File: BP016184.D
Acq: 11 Jul 2023 16:34

Tgt Ion:169 Resp: 142644
Ion Ratio Lower Upper
169 100
168 67.8 53.0 79.4
167 34.9 29.0 43.4

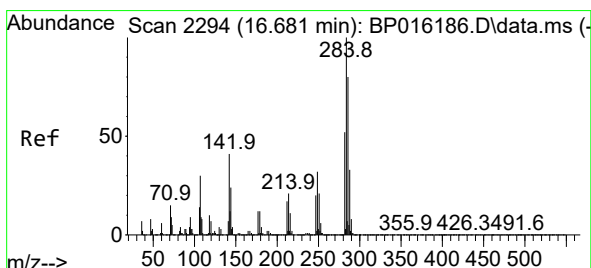
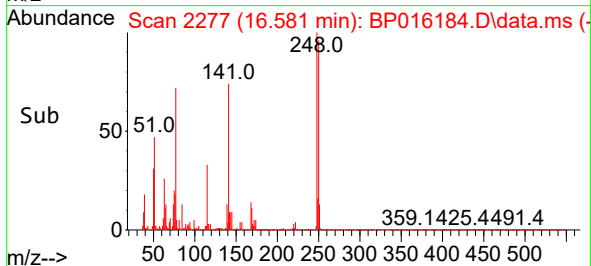
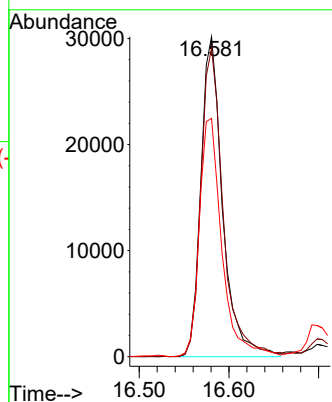
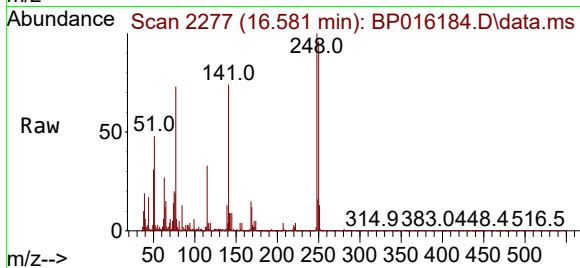




#68
4-Bromophenyl-phenylether
Concen: 3.864 ng/ul
RT: 16.581 min Scan# 2277
Delta R.T. 0.024 min
Lab File: BP016184.D
Acq: 11 Jul 2023 16:34

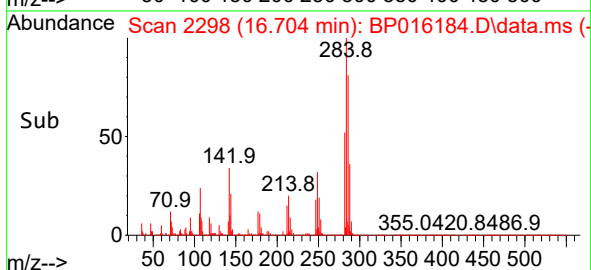
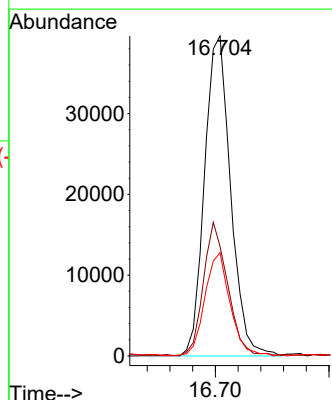
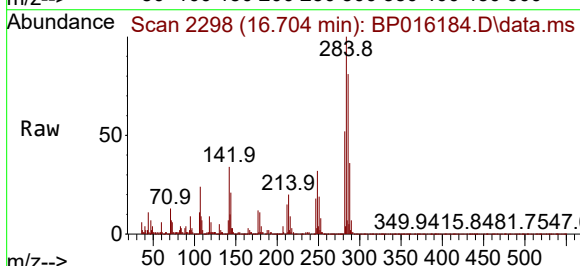
Instrument :
BNA_P
ClientSampleId :
SSTD005639

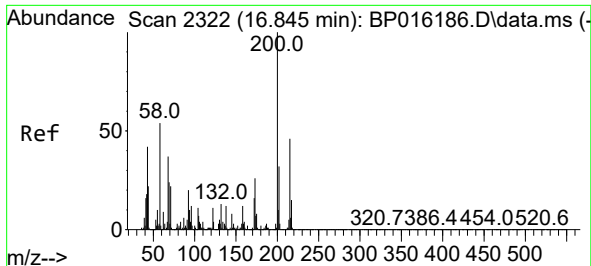
Tgt Ion:248 Resp: 50584
Ion Ratio Lower Upper
248 100
250 96.5 80.6 120.8
141 74.5 62.6 94.0



#69
Hexachlorobenzene
Concen: 4.086 ng/ul
RT: 16.704 min Scan# 2298
Delta R.T. 0.024 min
Lab File: BP016184.D
Acq: 11 Jul 2023 16:34

Tgt Ion:284 Resp: 63105
Ion Ratio Lower Upper
284 100
142 34.2 32.8 49.2
249 32.2 25.6 38.4

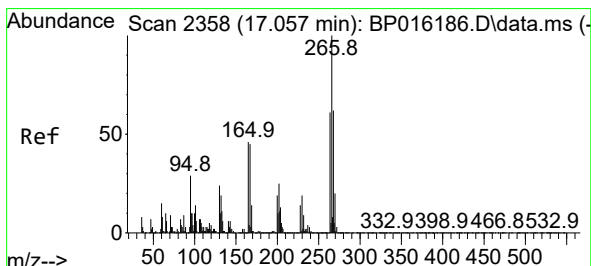
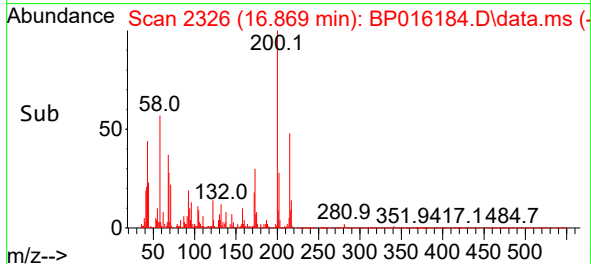
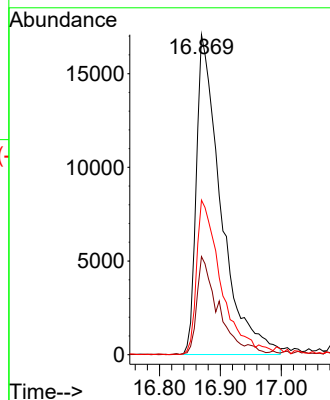
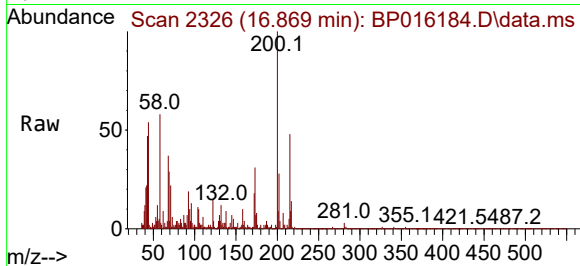




#70
Atrazine
Concen: 3.637 ng/ul
RT: 16.869 min Scan# 21
Delta R.T. 0.024 min
Lab File: BP016184.D
Acq: 11 Jul 2023 16:34

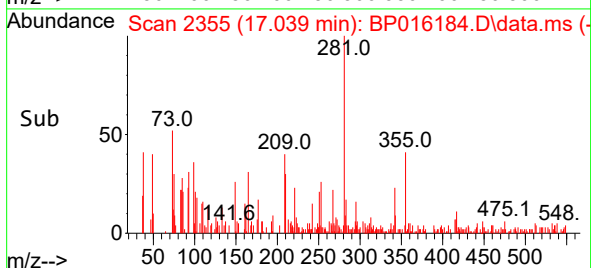
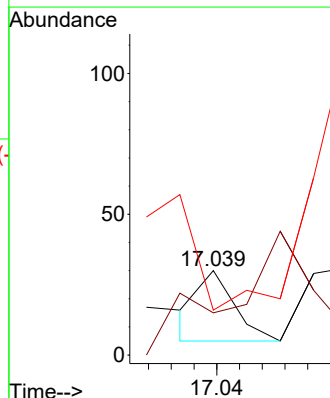
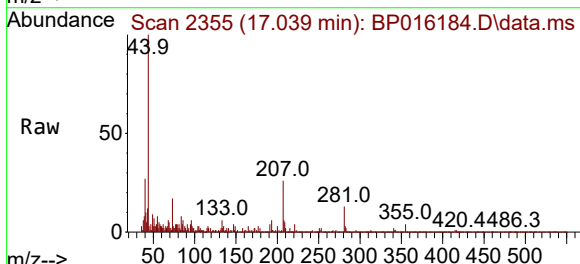
Instrument :
BNA_P
ClientSampleId :
SSTD005639

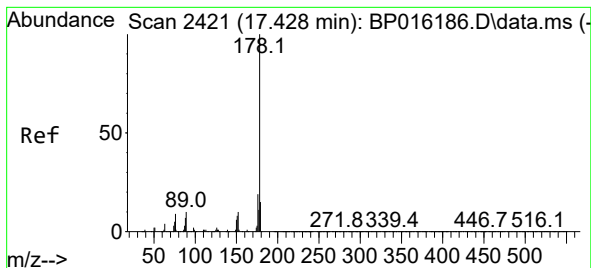
Tgt Ion:200 Resp: 47767
Ion Ratio Lower Upper
200 100
173 30.7 20.7 31.1
215 48.3 36.9 55.3



#71
Pentachlorophenol
Concen: 0.001 ng/ul
RT: 17.039 min Scan# 2355
Delta R.T. -0.018 min
Lab File: BP016184.D
Acq: 11 Jul 2023 16:34

Tgt Ion:266 Resp: 11
Ion Ratio Lower Upper
266 100
264 50.0 48.9 73.3
268 53.3 49.7 74.5





#72

Phenanthrene

Concen: 4.706 ng/ul

RT: 17.445 min Scan# 2421

Delta R.T. 0.018 min

Lab File: BP016184.D

Acq: 11 Jul 2023 16:34

Instrument :

BNA_P

ClientSampleId :

SSTD005639

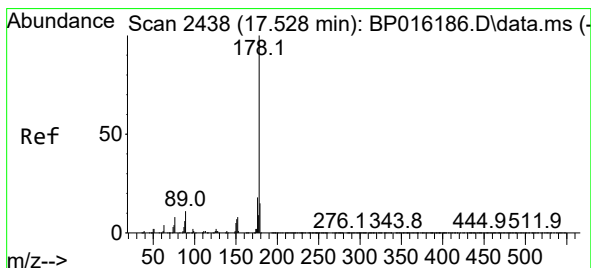
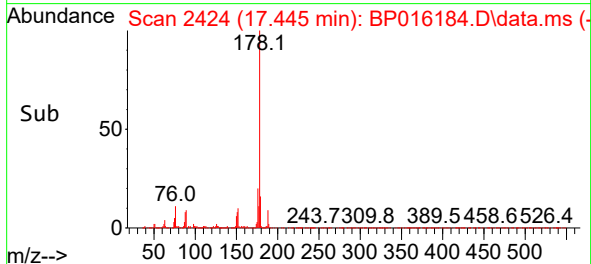
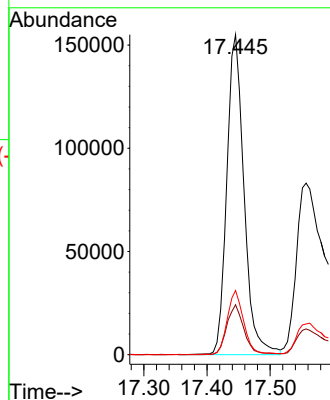
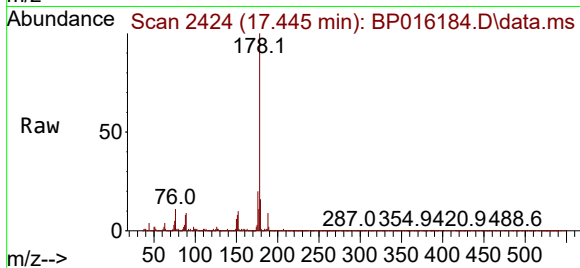
Tgt Ion:178 Resp: 293048

Ion Ratio Lower Upper

178 100

179 15.6 12.2 18.4

176 20.1 15.5 23.3



#74

Anthracene

Concen: 4.463 ng/ul

RT: 17.557 min Scan# 2443

Delta R.T. 0.029 min

Lab File: BP016184.D

Acq: 11 Jul 2023 16:34

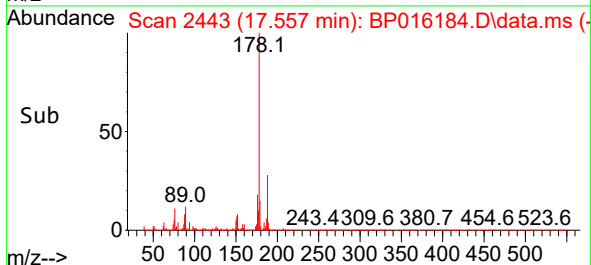
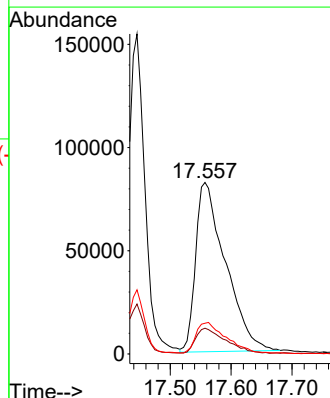
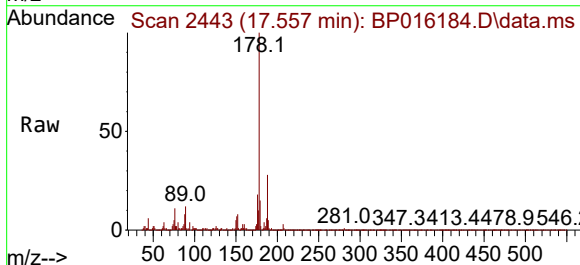
Tgt Ion:178 Resp: 279271

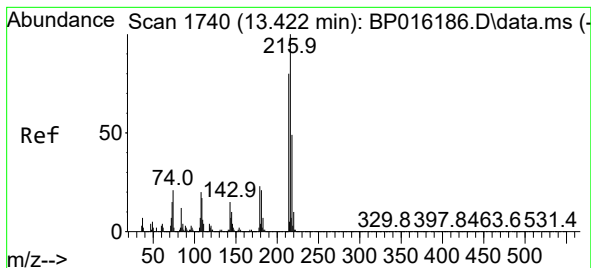
Ion Ratio Lower Upper

178 100

179 15.0 12.2 18.4

176 17.9 14.7 22.1





#75

1,2,3,4-Tetrachlorobenzene

Concen: 3.876 ng/uL

RT: 13.451 min Scan# 11

Delta R.T. 0.029 min

Lab File: BP016184.D

Acq: 11 Jul 2023 16:34

Instrument :

BNA_P

ClientSampleId :

SSTD005639

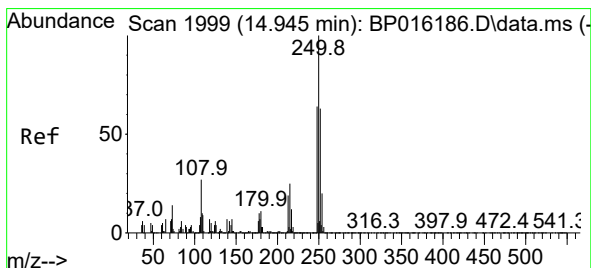
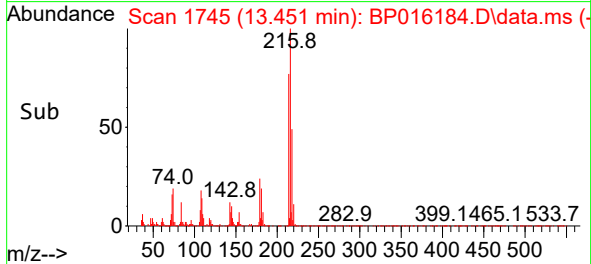
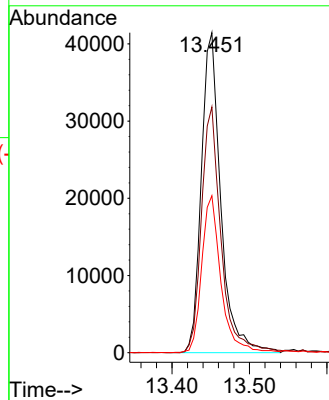
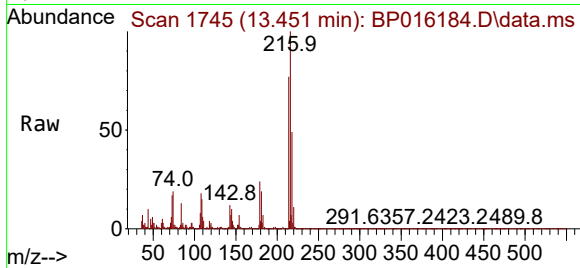
Tgt Ion:216 Resp: 72288

Ion Ratio Lower Upper

216 100

214 76.8 63.6 95.4

218 49.1 39.4 59.0



#76

Pentachlorobenzene

Concen: 3.599 ng/uL

RT: 14.969 min Scan# 2003

Delta R.T. 0.024 min

Lab File: BP016184.D

Acq: 11 Jul 2023 16:34

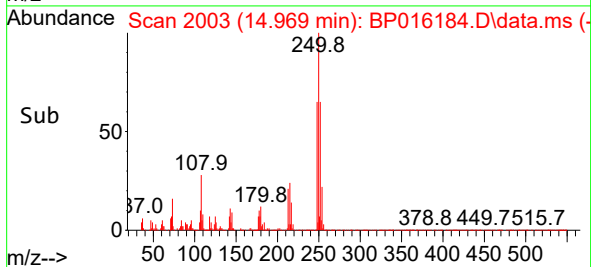
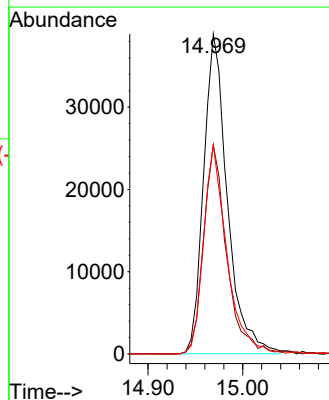
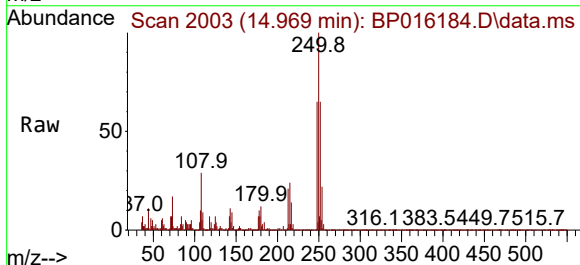
Tgt Ion:250 Resp: 67744

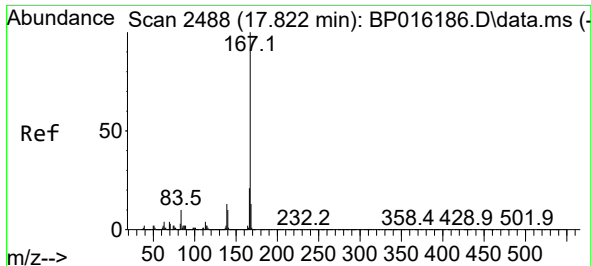
Ion Ratio Lower Upper

250 100

248 65.3 50.9 76.3

252 65.2 50.3 75.5

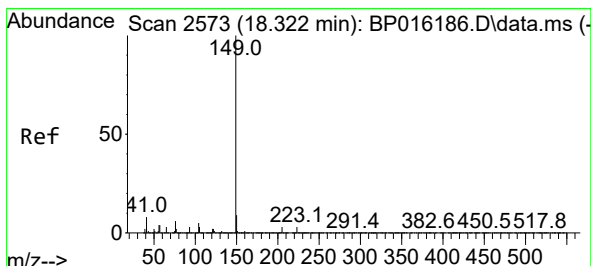
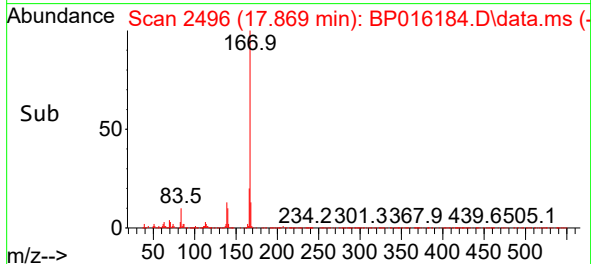
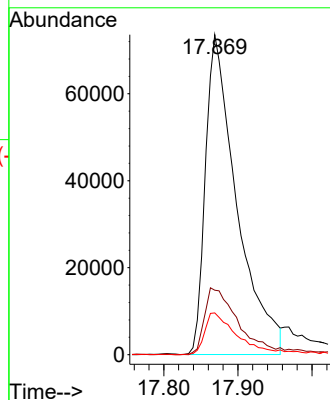
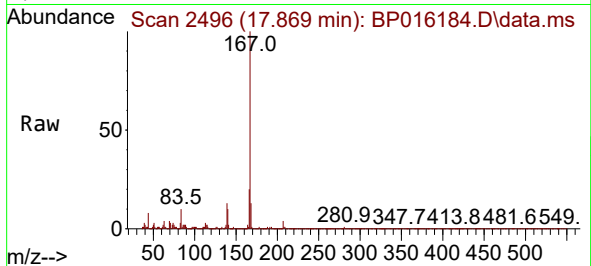




#77
 Carbazole
 Concen: 4.090 ng/ul
 RT: 17.869 min Scan# 2488
 Delta R.T. 0.047 min
 Lab File: BP016184.D
 Acq: 11 Jul 2023 16:34

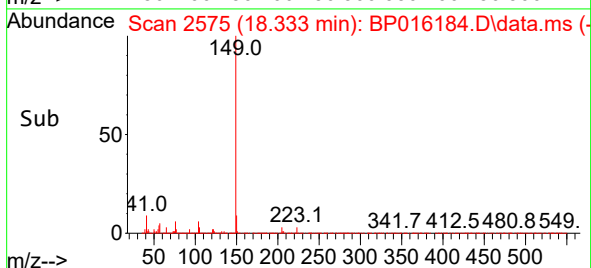
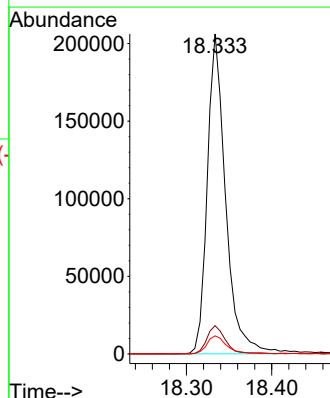
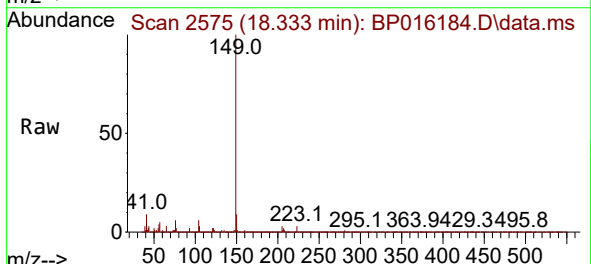
Instrument :
 BNA_P
 ClientSampleId :
 SSTD005639

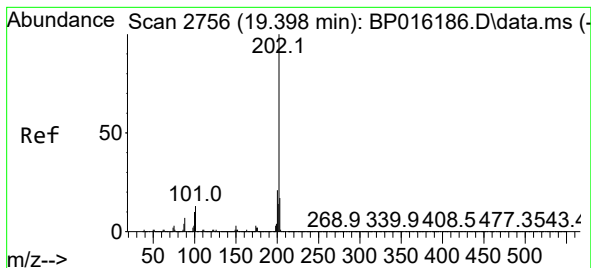
Tgt Ion:167 Resp: 215687
 Ion Ratio Lower Upper
 167 100
 166 20.2 16.5 24.7
 139 13.1 10.1 15.1



#78
 Di-n-butylphthalate
 Concen: 4.397 ng/ul
 RT: 18.333 min Scan# 2575
 Delta R.T. 0.012 min
 Lab File: BP016184.D
 Acq: 11 Jul 2023 16:34

Tgt Ion:149 Resp: 307460
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.4 11.2
 104 5.7 4.4 6.6





#80

Fluoranthene

Concen: 3.548 ng/ul

RT: 19.427 min Scan# 21

Delta R.T. 0.029 min

Lab File: BP016184.D

Acq: 11 Jul 2023 16:34

Instrument :

BNA_P

ClientSampleId :

SSTD005639

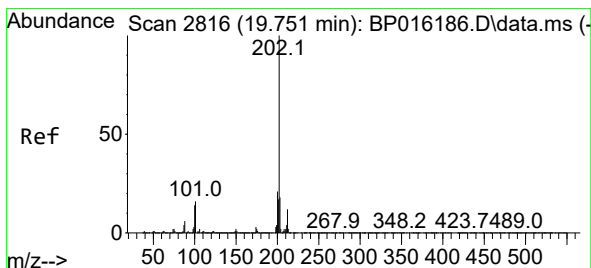
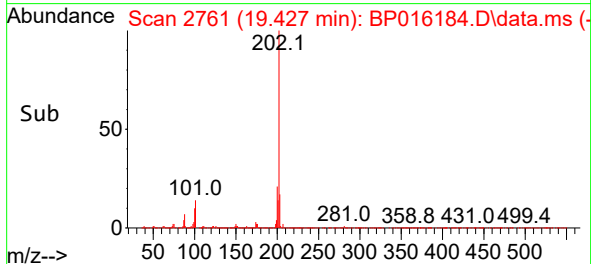
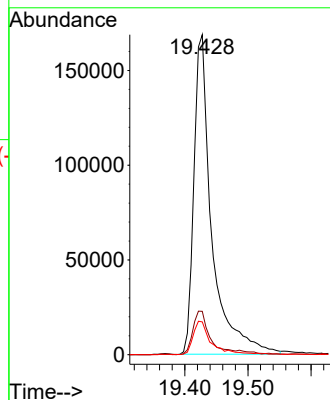
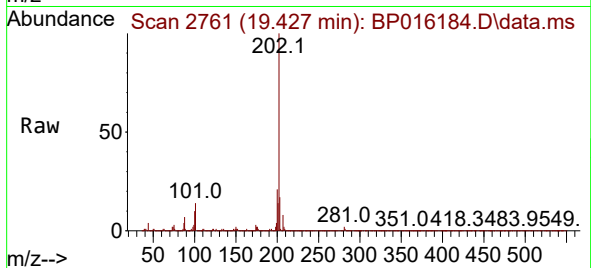
Tgt Ion:202 Resp: 331808

Ion Ratio Lower Upper

202 100

101 13.6 10.4 15.6

100 10.2 8.1 12.1



#82

Pyrene

Concen: 3.841 ng/ul

RT: 19.780 min Scan# 2821

Delta R.T. 0.029 min

Lab File: BP016184.D

Acq: 11 Jul 2023 16:34

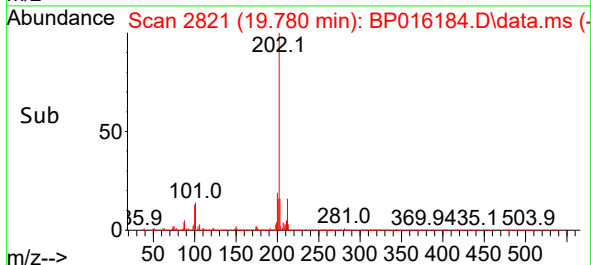
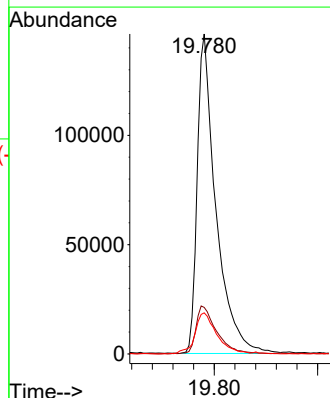
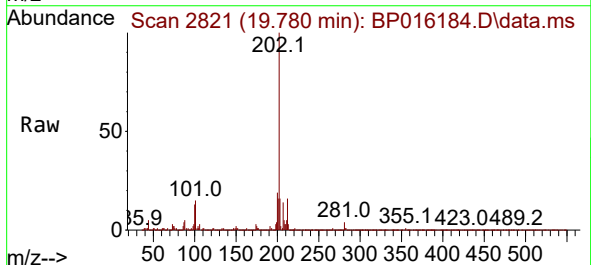
Tgt Ion:202 Resp: 366470

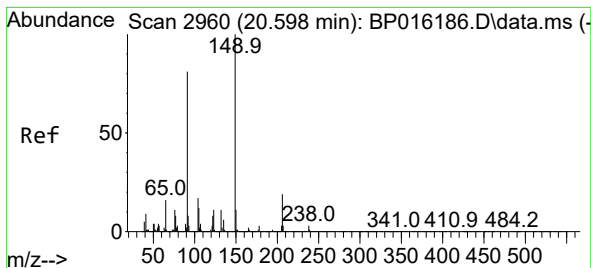
Ion Ratio Lower Upper

202 100

101 14.5 12.6 19.0

100 12.8 10.9 16.3





#83

Butylbenzylphthalate

Concen: 3.554 ng/ul

RT: 20.610 min Scan# 2960

Delta R.T. 0.012 min

Lab File: BP016184.D

Acq: 11 Jul 2023 16:34

Instrument :

BNA_P

ClientSampleId :

SSTD005639

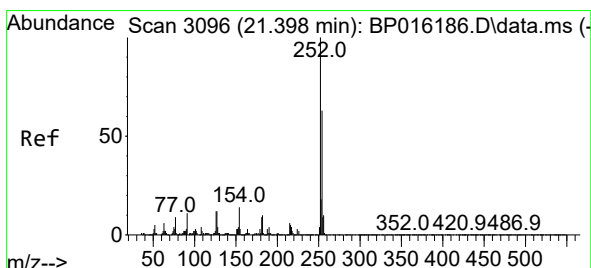
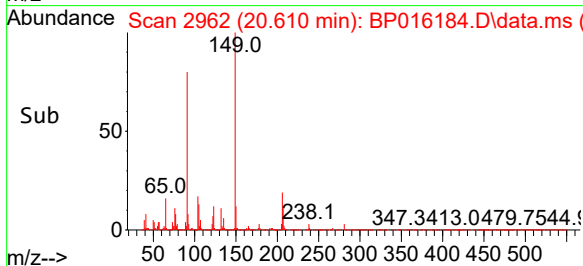
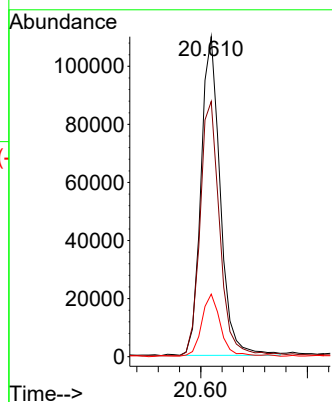
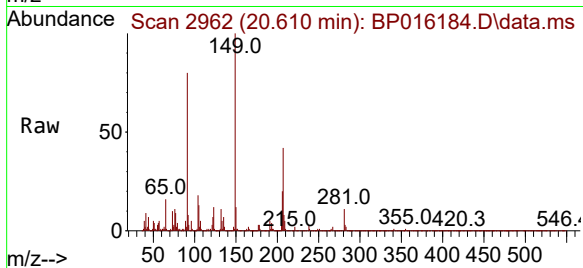
Tgt Ion:149 Resp: 138330

Ion Ratio Lower Upper

149 100

91 79.8 64.6 96.8

206 19.6 15.1 22.7



#84

3,3'-Dichlorobenzidine

Concen: 4.001 ng/ul

RT: 21.433 min Scan# 3102

Delta R.T. 0.035 min

Lab File: BP016184.D

Acq: 11 Jul 2023 16:34

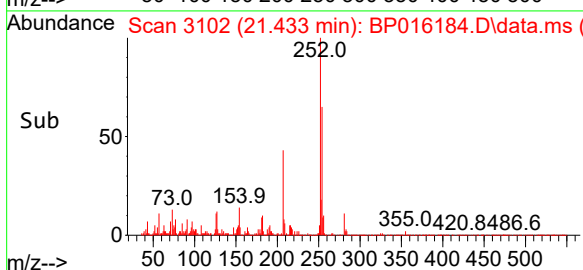
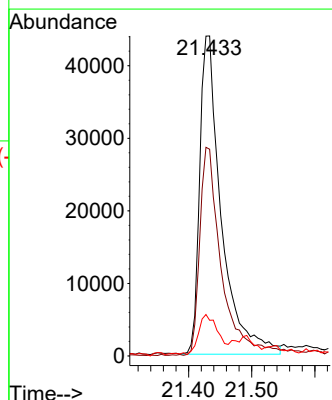
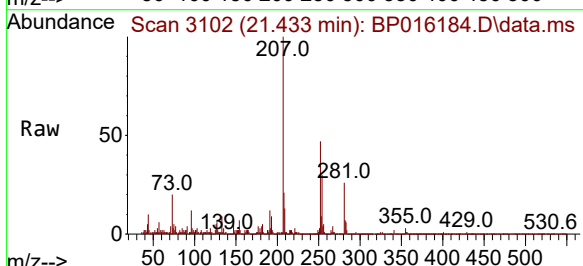
Tgt Ion:252 Resp: 104234

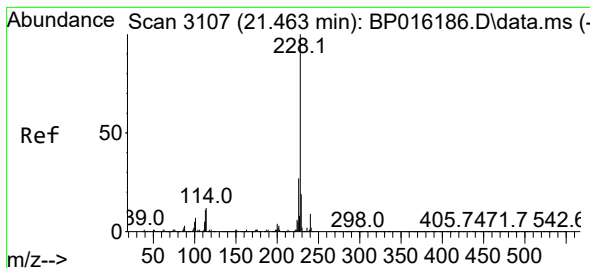
Ion Ratio Lower Upper

252 100

254 64.6 50.2 75.2

126 11.2 9.5 14.3





#85

Benzo(a)anthracene

Concen: 4.197 ng/ul

RT: 21.480 min Scan# 3110

Delta R.T. 0.018 min

Lab File: BP016184.D

Acq: 11 Jul 2023 16:34

Instrument :

BNA_P

ClientSampleId :

SSTD005639

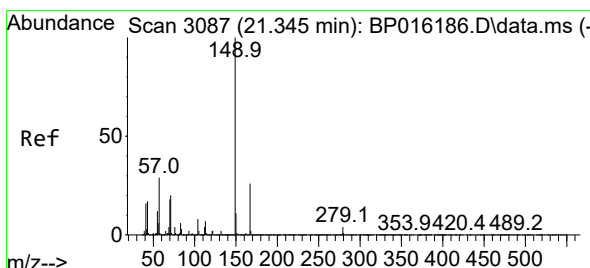
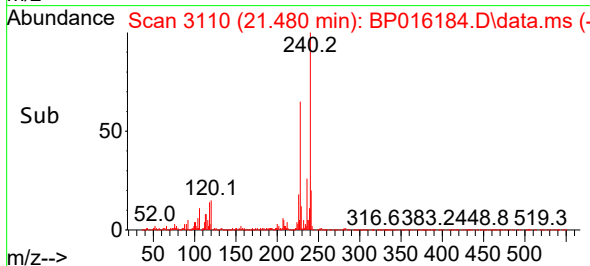
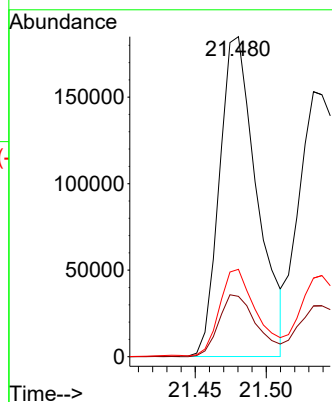
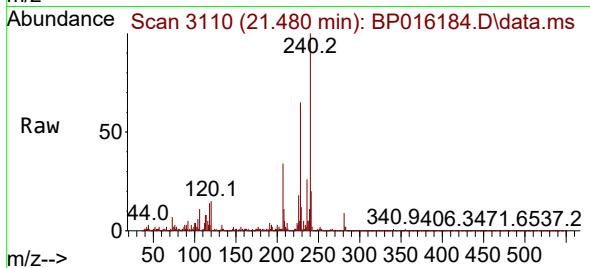
Tgt Ion:228 Resp: 340237

Ion Ratio Lower Upper

228 100

229 18.8 15.5 23.3

226 27.3 21.8 32.6



#86

Bis(2-ethylhexyl)phthalate

Concen: 3.861 ng/ul

RT: 21.345 min Scan# 3087

Delta R.T. -0.000 min

Lab File: BP016184.D

Acq: 11 Jul 2023 16:34

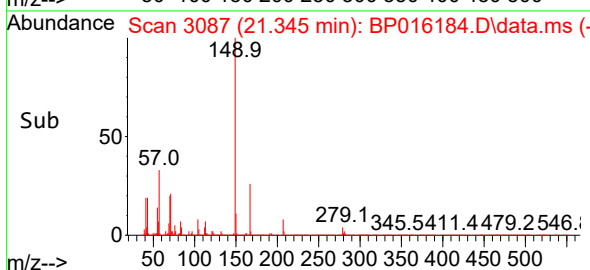
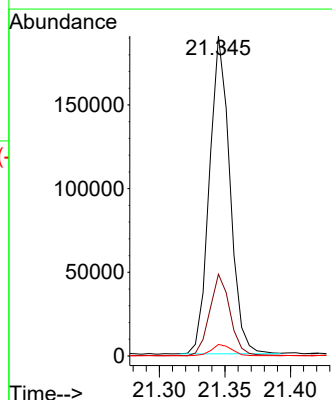
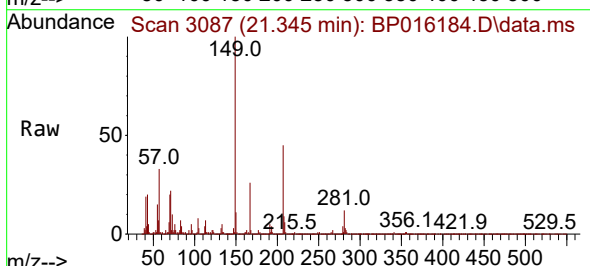
Tgt Ion:149 Resp: 206539

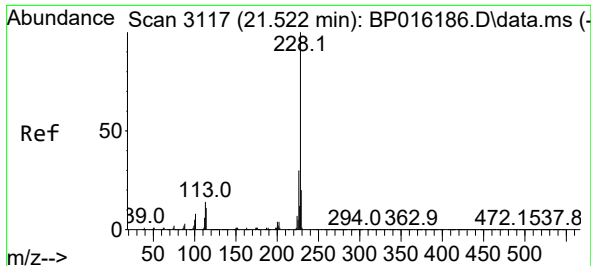
Ion Ratio Lower Upper

149 100

167 25.5 21.0 31.4

279 3.6 3.4 5.0





#87

Chrysene

Concen: 5.003 ng/ul

RT: 21.533 min Scan# 3117

Delta R.T. 0.012 min

Lab File: BP016184.D

Acq: 11 Jul 2023 16:34

Instrument :

BNA_P

ClientSampleId :

SSTD005639

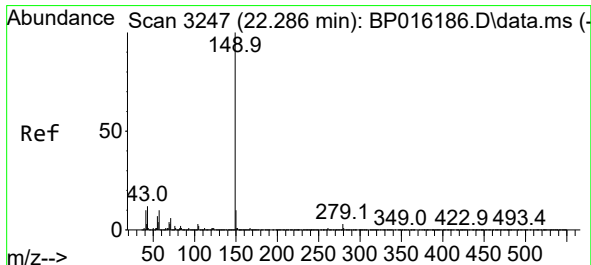
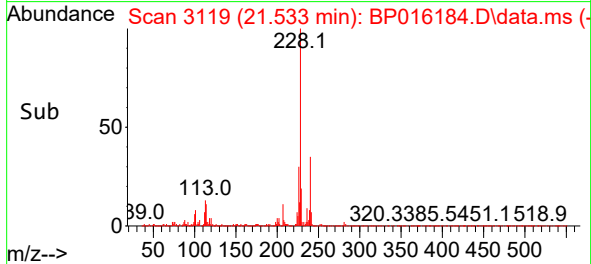
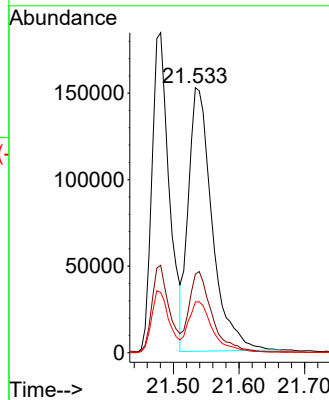
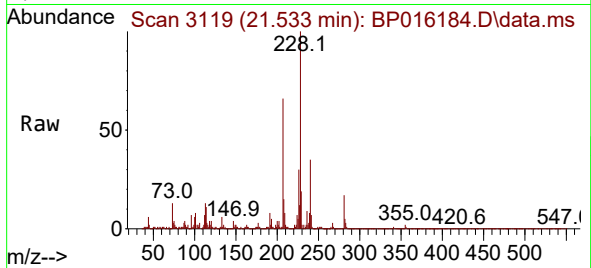
Tgt Ion:228 Resp: 384827

Ion Ratio Lower Upper

228 100

226 29.7 23.5 35.3

229 19.2 16.1 24.1



#89

Di-n-octyl phthalate

Concen: 3.578 ng/ul

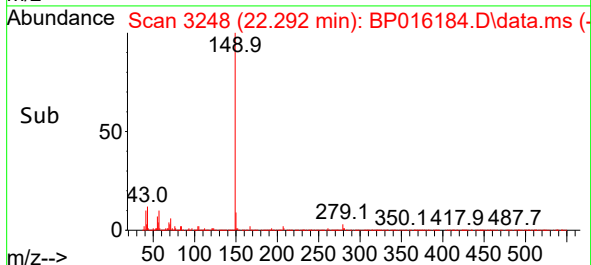
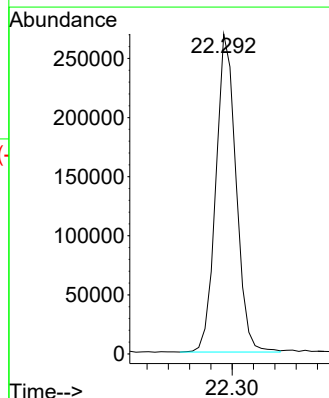
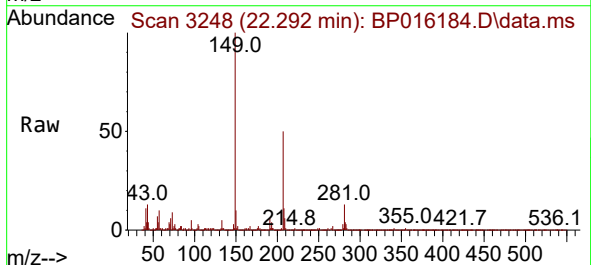
RT: 22.292 min Scan# 3248

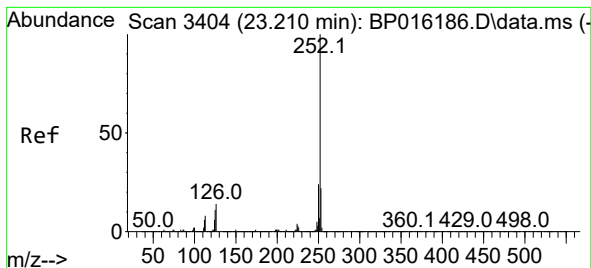
Delta R.T. 0.006 min

Lab File: BP016184.D

Acq: 11 Jul 2023 16:34

Tgt Ion:149 Resp: 353529





#90

Benzo(b)fluoranthene

Concen: 4.100 ng/ul

RT: 23.233 min Scan# 3404

Delta R.T. 0.023 min

Lab File: BP016184.D

Acq: 11 Jul 2023 16:34

Instrument :

BNA_P

ClientSampleId :

SSTD005639

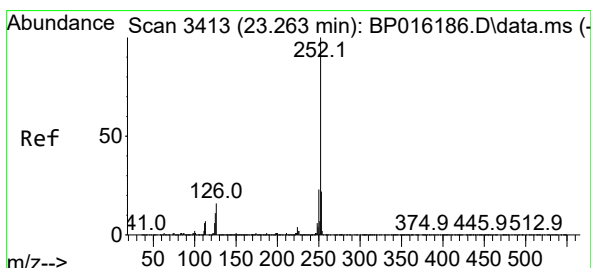
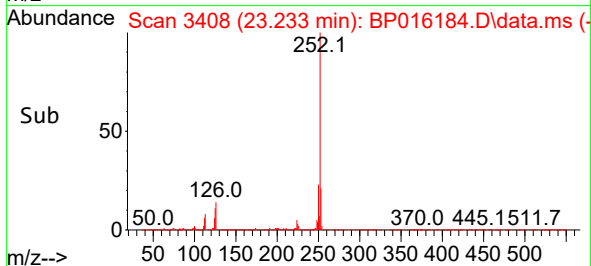
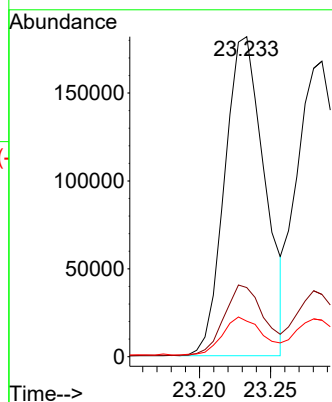
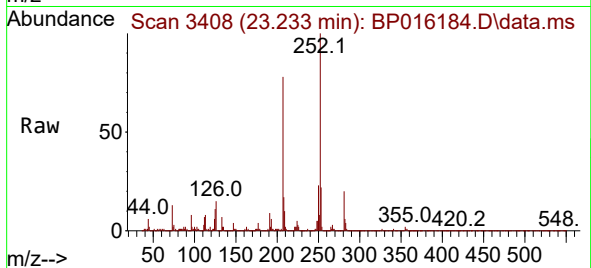
Tgt Ion:252 Resp: 356216

Ion Ratio Lower Upper

252 100

253 21.6 18.0 27.0

125 11.1 9.1 13.7



#91

Benzo(k)fluoranthene

Concen: 4.106 ng/ul

RT: 23.286 min Scan# 3417

Delta R.T. 0.024 min

Lab File: BP016184.D

Acq: 11 Jul 2023 16:34

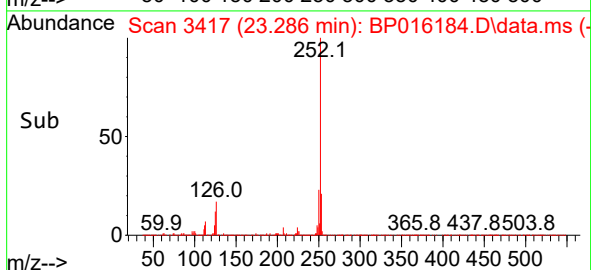
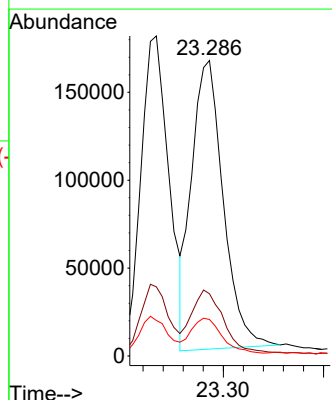
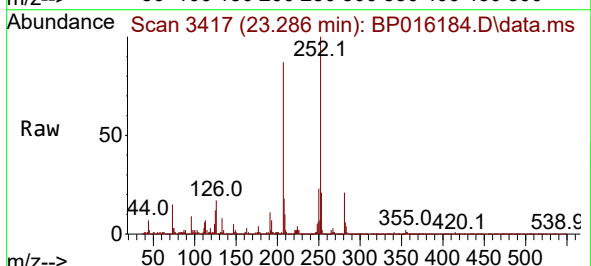
Tgt Ion:252 Resp: 360417

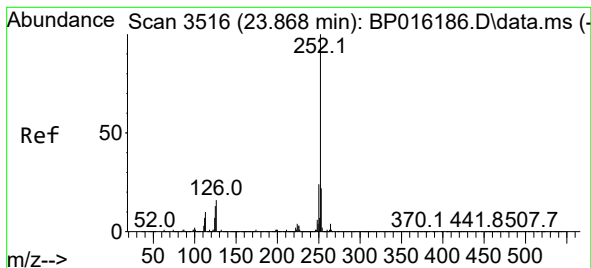
Ion Ratio Lower Upper

252 100

253 21.0 17.5 26.3

125 12.4 9.3 13.9





#93

Benzo(a)pyrene

Concen: 4.016 ng/ul

RT: 23.886 min Scan# 3

Delta R.T. 0.018 min

Lab File: BP016184.D

Acq: 11 Jul 2023 16:34

Instrument :

BNA_P

ClientSampleId :

SSTD005639

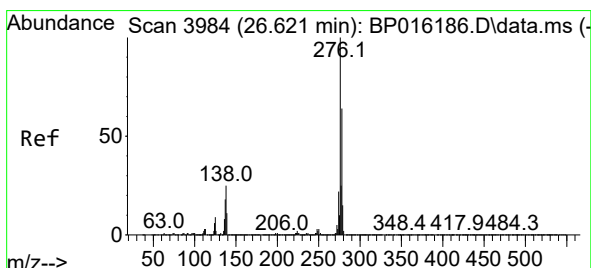
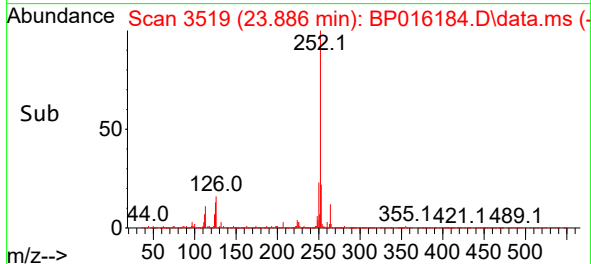
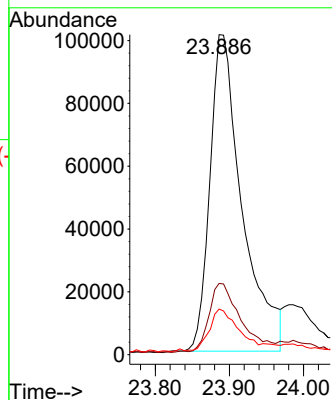
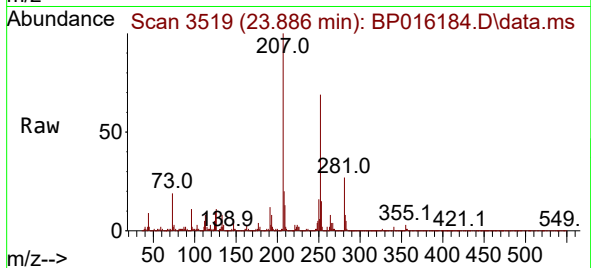
Tgt Ion:252 Resp: 304827

Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 14.3 10.4 15.6



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.759 ng/ul

RT: 26.692 min Scan# 3996

Delta R.T. 0.071 min

Lab File: BP016184.D

Acq: 11 Jul 2023 16:34

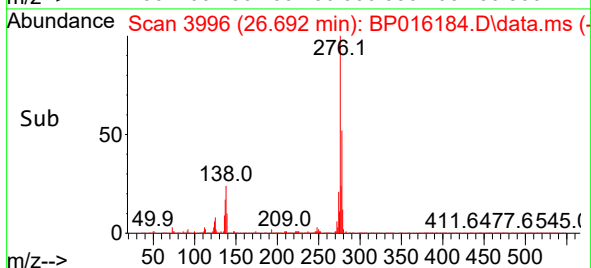
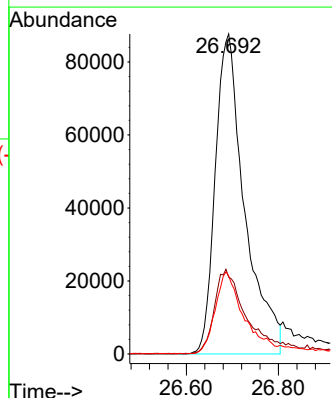
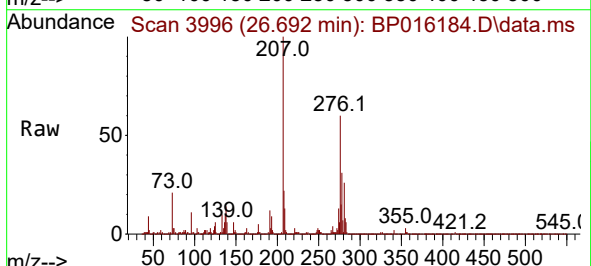
Tgt Ion:276 Resp: 387373

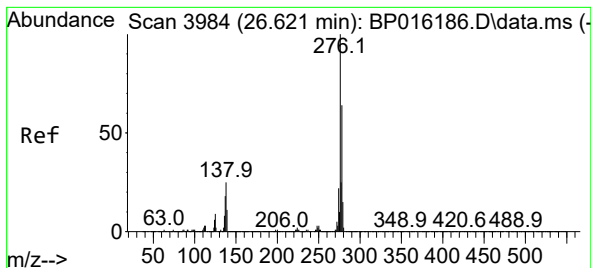
Ion Ratio Lower Upper

276 100

138 24.0 20.4 30.6

277 24.4 19.8 29.6





#95

Dibenzo(a,h)anthracene

Concen: 3.309 ng/ul

RT: 26.692 min Scan# 3996

Delta R.T. 0.071 min

Lab File: BP016184.D

Acq: 11 Jul 2023 16:34

Instrument :

BNA_P

ClientSampleId :

SSTD005639

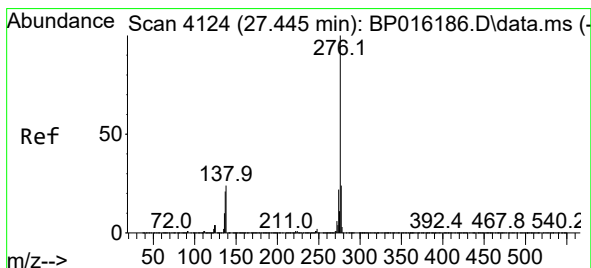
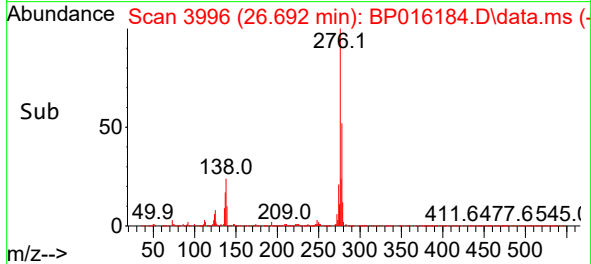
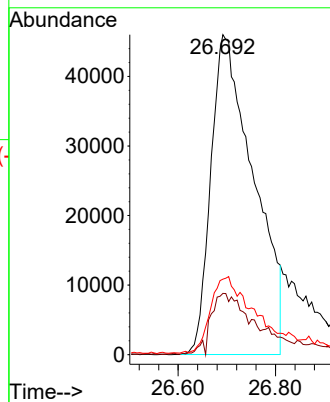
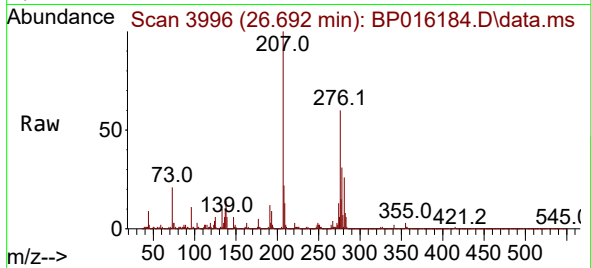
Tgt Ion:278 Resp: 280064

Ion Ratio Lower Upper

278 100

139 19.2 14.2 21.2

279 23.6 18.8 28.2



#96

Benzo(g,h,i)perylene

Concen: 3.408 ng/ul

RT: 27.521 min Scan# 4137

Delta R.T. 0.076 min

Lab File: BP016184.D

Acq: 11 Jul 2023 16:34

Tgt Ion:276 Resp: 288951

Ion Ratio Lower Upper

276 100

138 25.1 18.9 28.3

277 23.4 19.0 28.4

