

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091523\
 Data File : BP017195.D
 Acq On : 15 Sep 2023 20:18
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020737

Quant Time: Sep 16 03:22:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 16 03:18:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	209440	20.000	ng/u1	0.00
20) Naphthalene-d8	10.769	136	981799	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.604	164	661186	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.375	188	1501785	20.000	ng/u1	0.00
79) Chrysene-d12	21.480	240	1456155	20.000	ng/u1	0.00
88) Perylene-d12	23.998	264	1484860	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	39296	7.885	ng/uL	0.00
4) Pyridine-d5	3.746	84	291207	20.425	ng/u1	0.00
7) Phenol-d5	7.099	99	352812	20.717	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	229615	21.572	ng/u1	0.00
11) 2-Chlorophenol-d4	7.469	132	281920	20.751	ng/u1	0.00
15) 4-Methylphenol-d8	8.658	113	300621	21.299	ng/u1	0.00
21) Nitrobenzene-d5	9.146	128	141242	20.545	ng/u1	0.00
24) 2-Nitrophenol-d4	9.857	143	154024	20.986	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.381	165	300452	21.167	ng/u1	0.00
31) 4-Chloroaniline-d4	10.934	131	446860	20.887	ng/u1	0.00
46) Dimethylphthalate-d6	14.022	166	965624	20.523	ng/u1	0.00
49) Acenaphthylene-d8	14.304	160	1107626	20.747	ng/u1	0.00
54) 4-Nitrophenol-d4	14.828	143	166006	18.255	ng/u1	0.00
60) Fluorene-d10	15.604	176	843591	20.736	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.734	200	149196	17.782	ng/u1	0.00
73) Anthracene-d10	17.475	188	1337361	20.959	ng/u1	0.00
81) Pyrene-d10	19.716	212	1614609	21.142	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.833	264	1465564	20.912	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.346	88	42182	7.871	ng/uL	100
5) Pyridine	3.764	79	306486	20.753	ng/u1	98
6) Benzaldehyde	7.105	77	233721	24.651	ng/u1	99
8) Phenol	7.128	94	379923	21.152	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.381	93	305342	21.314	ng/u1	97
12) 2-Chlorophenol	7.499	128	288947	20.953	ng/u1	98
13) 2-Methylphenol	8.387	108	281076	20.991	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.458	45	255445	13.157	ng/u1	99
16) Acetophenone	8.799	105	490682	22.211	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.769	70	259133	22.827	ng/u1	97
18) 4-Methylphenol	8.722	108	315251	21.280	ng/u1	100
19) Hexachloroethane	9.010	117	117109	20.649	ng/u1	98
22) Nitrobenzene	9.187	77	379081	21.174	ng/u1	98
23) Isophorone	9.705	82	716507	21.356	ng/u1	99
25) 2-Nitrophenol	9.893	139	173310	21.246	ng/u1	98
26) 2,4-Dimethylphenol	9.928	107	340343	20.472	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.193	93	438704	20.863	ng/u1	97
29) 2,4-Dichlorophenol	10.410	162	299137	20.820	ng/u1	99
30) Naphthalene	10.822	128	1021955	20.570	ng/u1	100
32) 4-Chloroaniline	10.957	127	440174	21.084	ng/u1	98
33) Hexachlorobutadiene	11.052	225	198423	20.338	ng/u1	97
34) Caprolactam	11.781	113	97604	21.611	ng/u1	90
35) 4-Chloro-3-methylphenol	12.057	107	335155	21.559	ng/u1	99
36) 2-Methylnaphthalene	12.428	142	708603	21.138	ng/u1	97

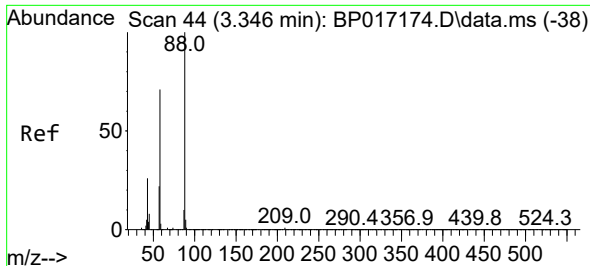
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.646	142	722565	21.293	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.775	216	405202	20.576	ng/ul	98
40) Hexachlorocyclopentadiene	12.728	237	219596	17.897	ng/ul	98
41) 2,4,6-Trichlorophenol	13.034	196	256102	20.472	ng/ul	98
42) 2,4,5-Trichlorophenol	13.104	196	276474	20.787	ng/ul	99
43) 1,1'-Biphenyl	13.440	154	954566	20.134	ng/ul	99
44) 2-Chloronaphthalene	13.487	162	765825	20.340	ng/ul	99
45) 2-Nitroaniline	13.722	65	223576	21.923	ng/ul	99
47) Dimethylphthalate	14.069	163	981294	20.545	ng/ul	99
48) 2,6-Dinitrotoluene	14.216	165	182270	20.873	ng/ul	96
50) Acenaphthylene	14.334	152	1260297	20.434	ng/ul	99
51) 3-Nitroaniline	14.551	138	187503	20.072	ng/ul	99
52) Acenaphthene	14.669	153	829637	20.327	ng/ul	99
53) 2,4-Dinitrophenol	14.751	184	111496	18.229	ng/ul	95
55) 4-Nitrophenol	14.840	109	138236	18.993	ng/ul	97
56) Dibenzofuran	15.010	168	1172763	20.793	ng/ul	99
57) 2,4-Dinitrotoluene	14.998	165	278877	21.448	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.222	232	245706	21.059	ng/ul#	99
59) Diethylphthalate	15.422	149	972400	20.620	ng/ul	100
61) Fluorene	15.657	166	969841	20.798	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.651	204	501405	21.149	ng/ul	99
63) 4-Nitroaniline	15.722	138	185761	21.390	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.751	198	163232	18.128	ng/ul	95
67) N-Nitrosodiphenylamine	15.875	169	806259	20.647	ng/ul	98
68) 4-Bromophenyl-phenylether	16.557	248	299926	20.951	ng/ul	95
69) Hexachlorobenzene	16.634	284	351261	20.731	ng/ul	99
70) Atrazine	16.834	200	304678	21.555	ng/ul	99
71) Pentachlorophenol	17.004	266	205701	18.680	ng/ul	99
72) Phenanthrene	17.422	178	1549972	20.537	ng/ul	99
74) Anthracene	17.510	178	1590189	20.804	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.393	216	424770	20.457	ng/uL	99
76) Pentachlorobenzene	14.898	250	392907	20.853	ng/uL	99
77) Carbazole	17.798	167	1392357	20.745	ng/ul	100
78) Di-n-butylphthalate	18.310	149	1647190	21.537	ng/ul	100
80) Fluoranthene	19.386	202	1854639	20.778	ng/ul	100
82) Pyrene	19.745	202	1977623	20.968	ng/ul	99
83) Butylbenzylphthalate	20.604	149	729417	21.684	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.404	252	576382	19.307	ng/ul	98
85) Benzo(a)anthracene	21.463	228	1965116	20.611	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.339	149	1053095	22.302	ng/ul	100
87) Chrysene	21.516	228	1825500	20.583	ng/ul	99
89) Di-n-octyl phthalate	22.304	149	1758035	21.353	ng/ul	100
90) Benzo(b)fluoranthene	23.216	252	1781938	20.359	ng/ul	99
91) Benzo(k)fluoranthene	23.269	252	1842200	21.172	ng/ul	99
93) Benzo(a)pyrene	23.886	252	1671939	20.590	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.674	276	1881771	20.928	ng/ul	100
95) Dibenzo(a,h)anthracene	26.698	278	1573769	20.835	ng/ul	98
96) Benzo(g,h,i)perylene	27.509	276	1451223	20.872	ng/ul	98

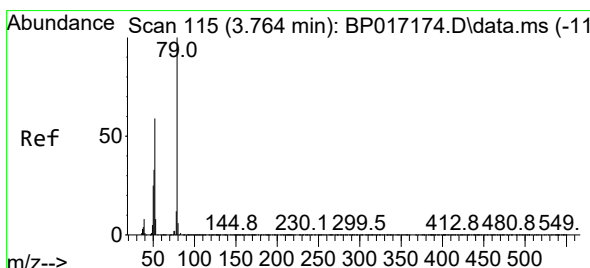
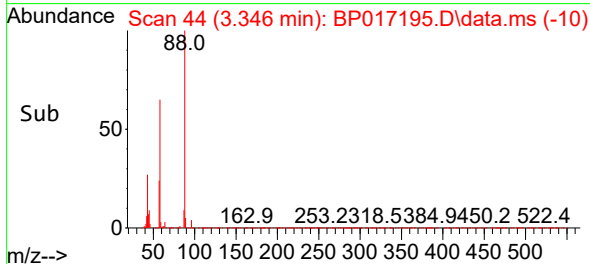
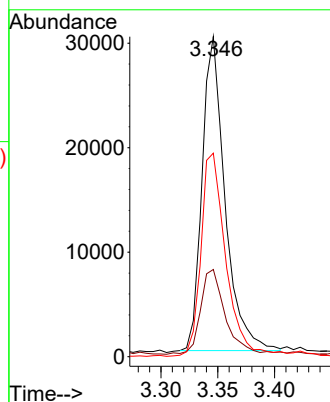
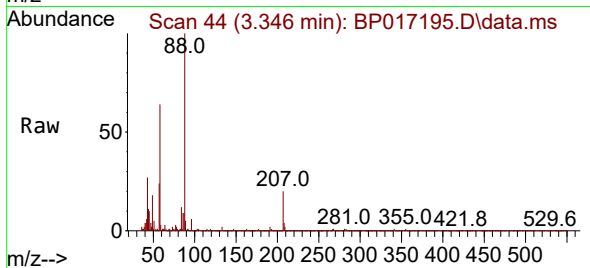
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#2
1,4-Dioxane
Concen: 7.871 ng/uL
RT: 3.346 min Scan# 44
Delta R.T. -0.000 min
Lab File: BP017195.D
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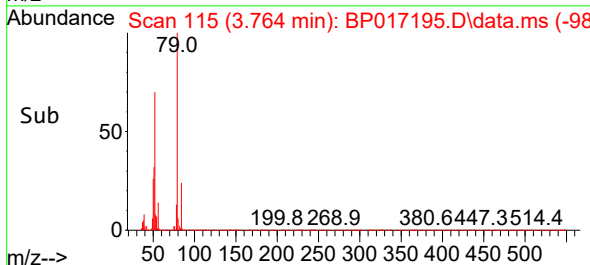
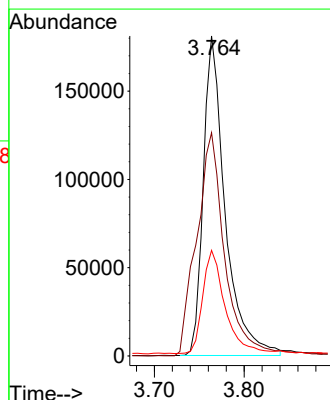
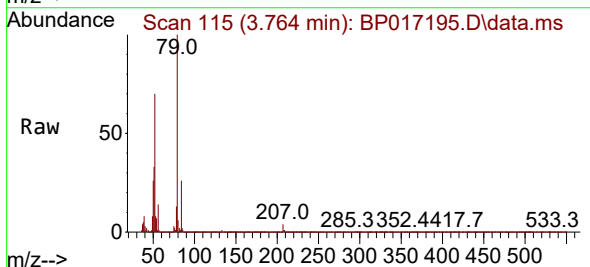
Instrument :
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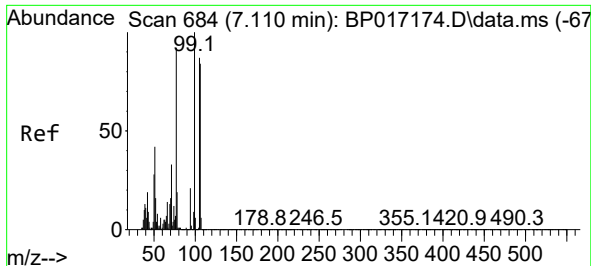
Tgt Ion: 88 Resp: 42182
Ion Ratio Lower Upper
88 100
43 27.3 21.9 32.9
58 63.6 50.8 76.2



#5
Pyridine
Concen: 20.753 ng/uL
RT: 3.764 min Scan# 115
Delta R.T. -0.000 min
Lab File: BP017195.D
Acq: 15 Sep 2023 20:18

Tgt Ion: 79 Resp: 306486
Ion Ratio Lower Upper
79 100
52 69.8 54.5 81.7
51 33.0 27.0 40.6

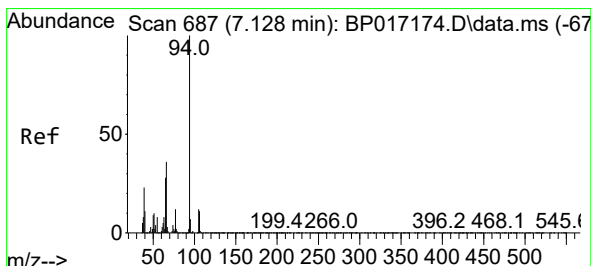
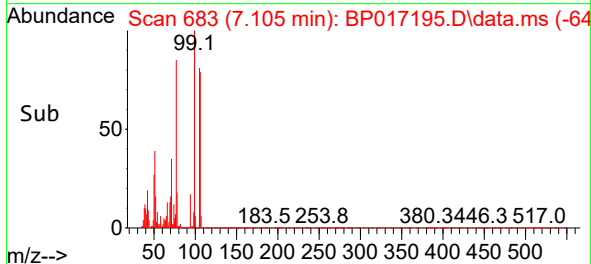
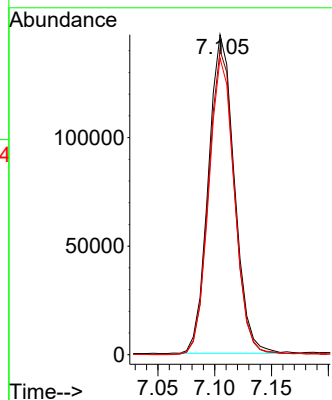
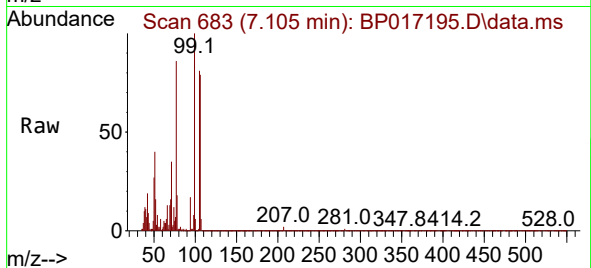




#6
Benzaldehyde
Concen: 24.651 ng/ul
RT: 7.105 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP017195.D
Acq: 15 Sep 2023 20:18

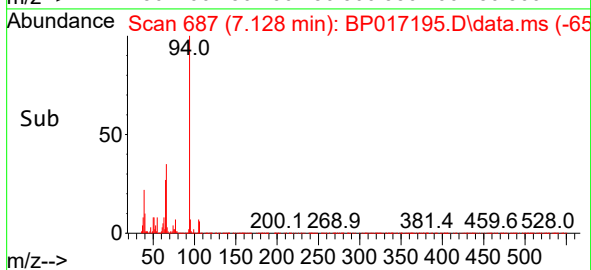
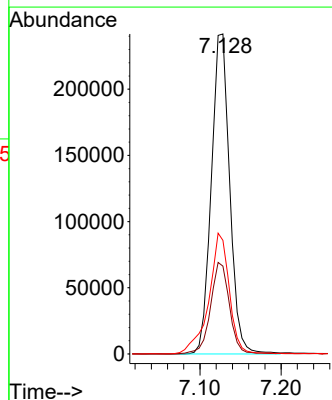
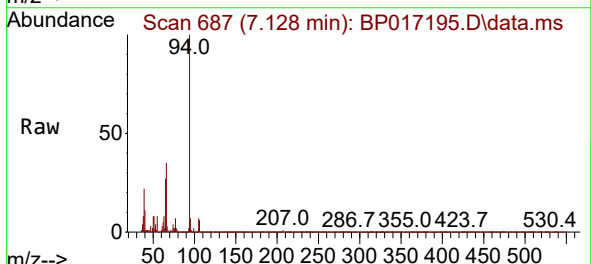
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BNA_P
ClientSampleId :
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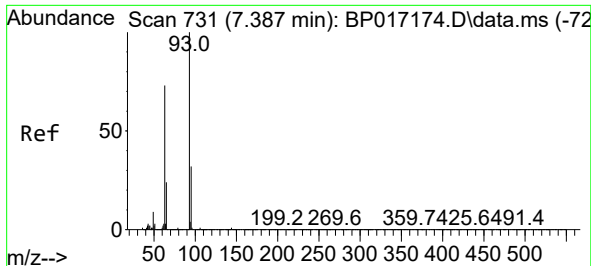
Tgt Ion: 77 Resp: 233721
Ion Ratio Lower Upper
77 100
105 95.1 75.3 112.9
106 92.7 74.6 111.8



#8
Phenol
Concen: 21.152 ng/ul
RT: 7.128 min Scan# 687
Delta R.T. -0.000 min
Lab File: BP017195.D
Acq: 15 Sep 2023 20:18

Tgt Ion: 94 Resp: 379923
Ion Ratio Lower Upper
94 100
65 27.5 22.7 34.1
66 35.5 29.6 44.4

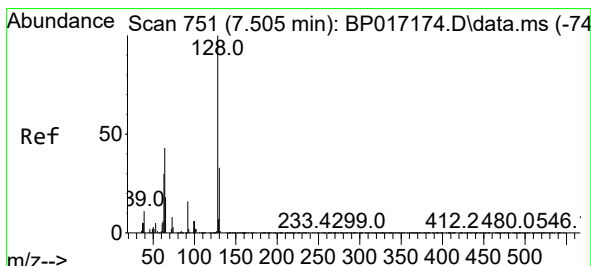
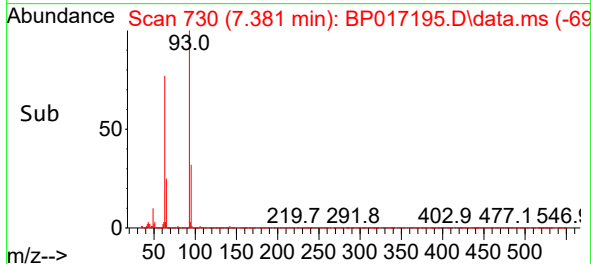
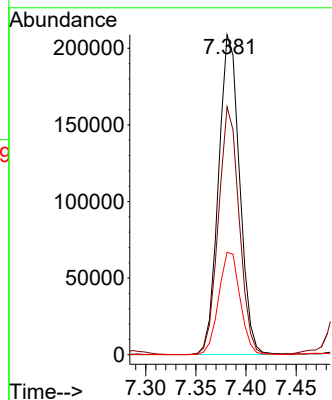
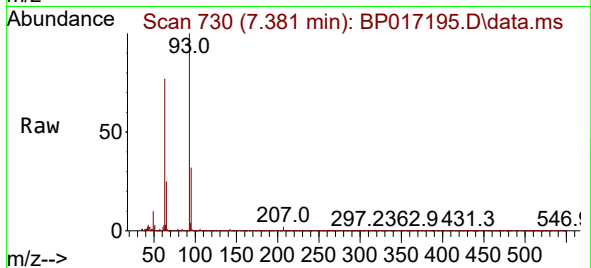




#10
Bis(2-Chloroethyl)ether
Concen: 21.314 ng/ul
RT: 7.381 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP017195.D
Acq: 15 Sep 2023 20:18

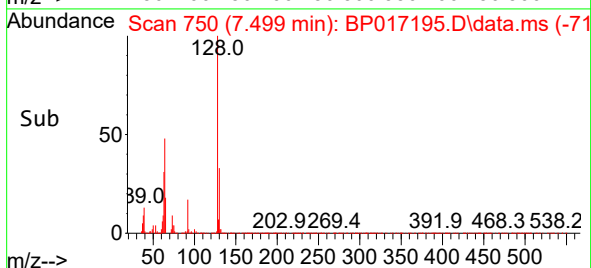
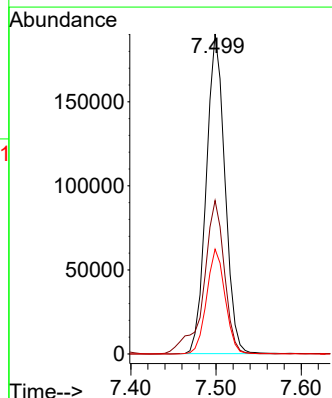
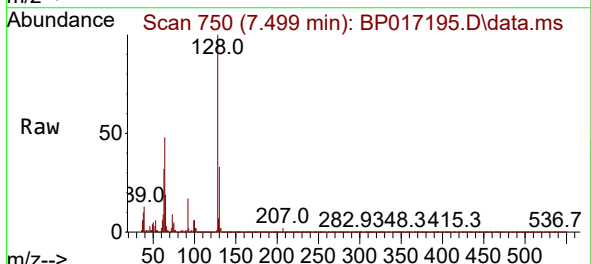
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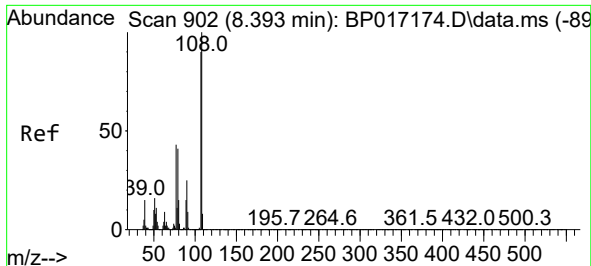
Tgt Ion: 93 Resp: 305342
Ion Ratio Lower Upper
93 100
63 77.5 59.5 89.3
95 32.0 25.8 38.6



#12
2-Chlorophenol
Concen: 20.953 ng/ul
RT: 7.499 min Scan# 750
Delta R.T. -0.000 min
Lab File: BP017195.D
Acq: 15 Sep 2023 20:18

Tgt Ion:128 Resp: 288947
Ion Ratio Lower Upper
128 100
64 47.9 36.8 55.2
130 32.8 26.3 39.5





#13

2-Methylphenol

Concen: 20.991 ng/ul

RT: 8.387 min Scan# 901

Delta R.T. -0.000 min

Lab File: BP017195.D

Acq: 15 Sep 2023 20:18

Instrument :

BNA_P

ClientSampleId :

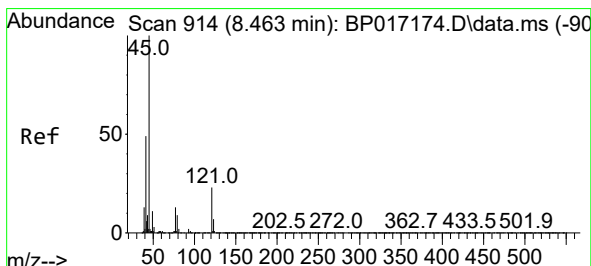
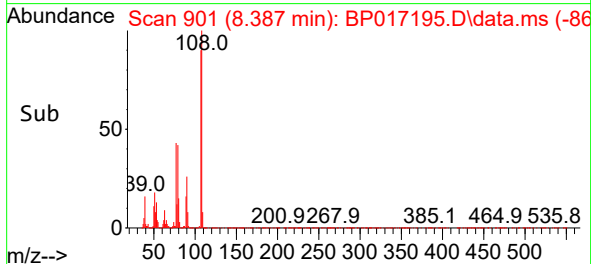
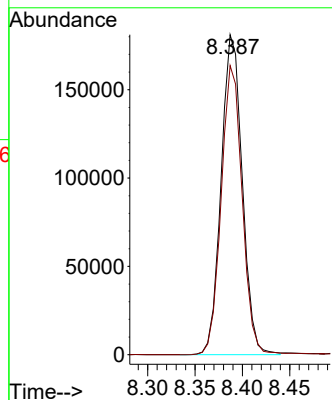
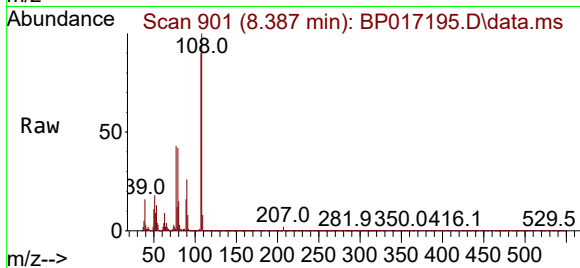
SSTD020737

Tgt Ion:108 Resp: 281076

Ion Ratio Lower Upper

108 100

107 90.4 72.2 108.4



#14

2,2'-oxybis(1-Chloropropane)

Concen: 13.157 ng/ul

RT: 8.458 min Scan# 913

Delta R.T. -0.000 min

Lab File: BP017195.D

Acq: 15 Sep 2023 20:18

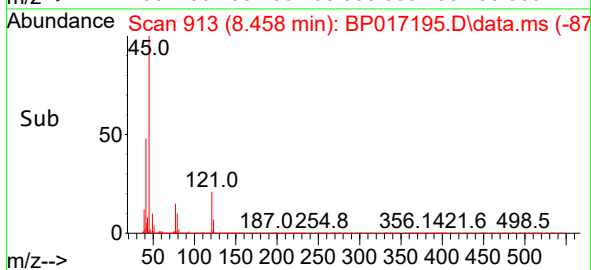
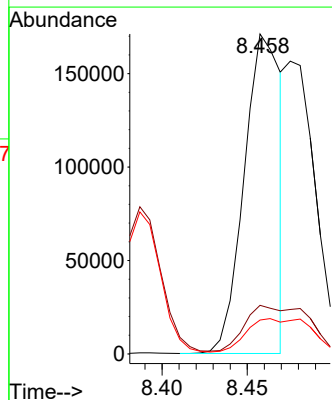
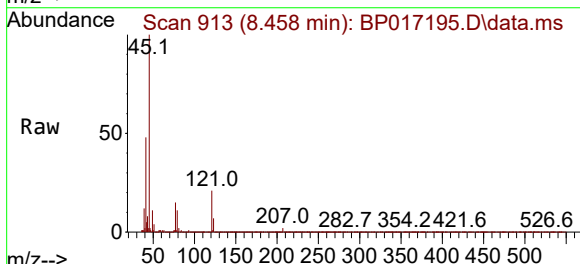
Tgt Ion: 45 Resp: 255445

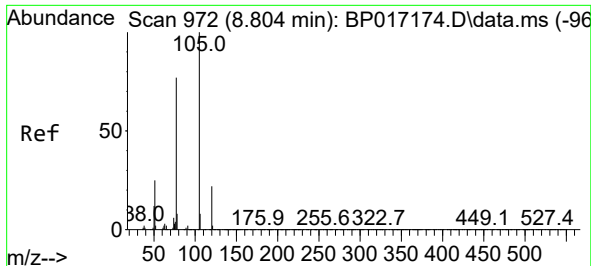
Ion Ratio Lower Upper

45 100

77 15.2 12.5 18.7

79 10.6 8.8 13.2

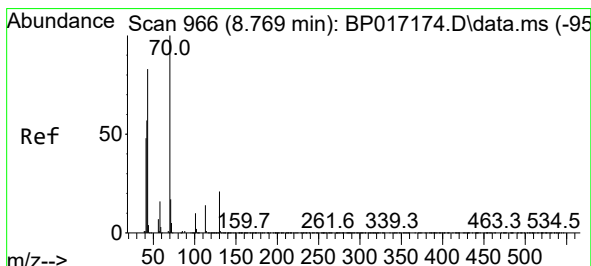
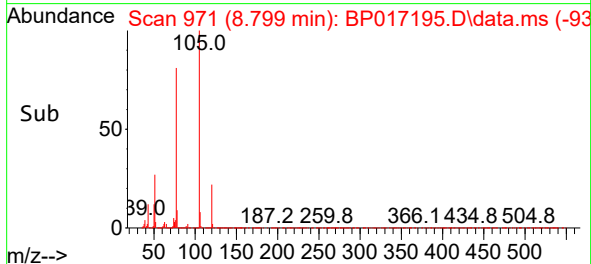
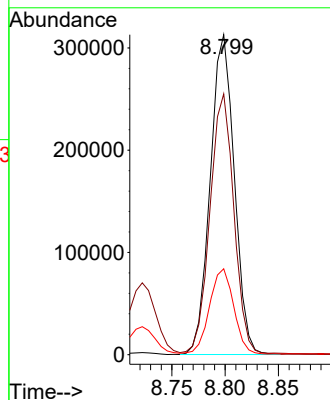
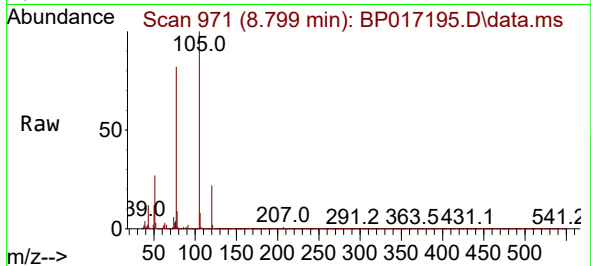




#16
Acetophenone
Concen: 22.211 ng/ul
RT: 8.799 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP017195.D
Acq: 15 Sep 2023 20:18

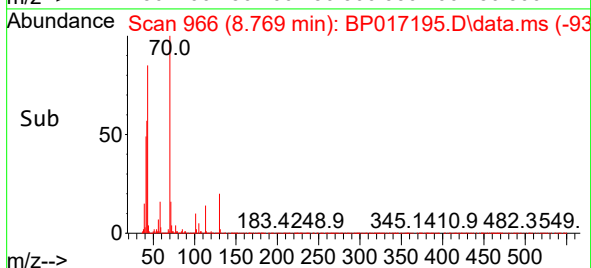
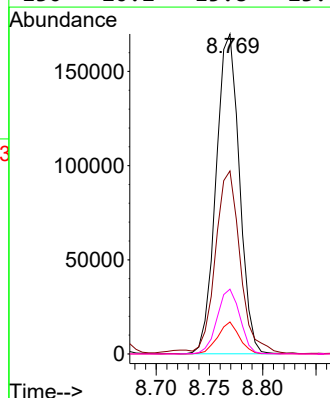
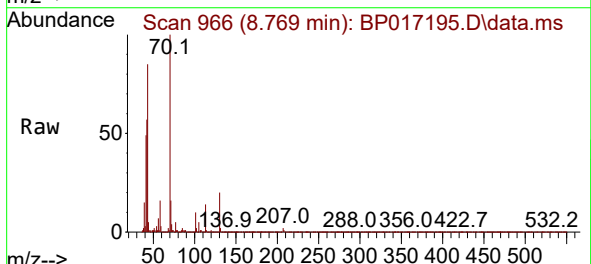
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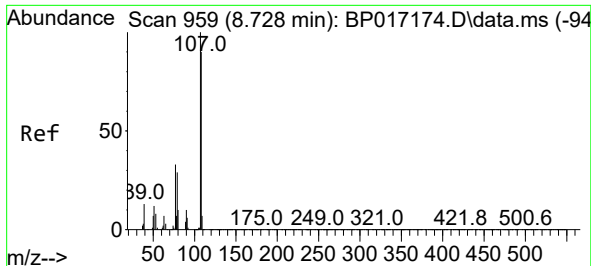
Tgt Ion:105 Resp: 490682
Ion Ratio Lower Upper
105 100
77 81.5 63.0 94.4
51 26.8 20.5 30.7



#17
N-Nitroso-di-n-propylamine
Concen: 22.827 ng/ul
RT: 8.769 min Scan# 966
Delta R.T. -0.000 min
Lab File: BP017195.D
Acq: 15 Sep 2023 20:18

Tgt Ion: 70 Resp: 259133
Ion Ratio Lower Upper
70 100
42 57.2 43.9 65.9
101 10.0 7.0 10.4
130 20.2 15.8 23.6

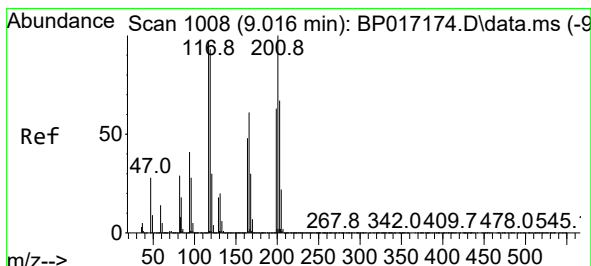
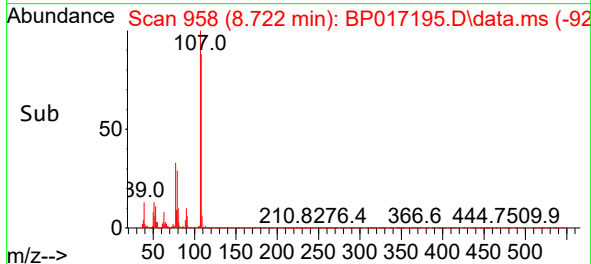
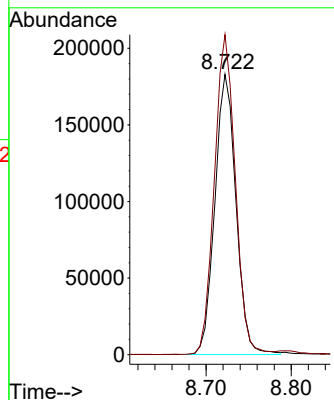
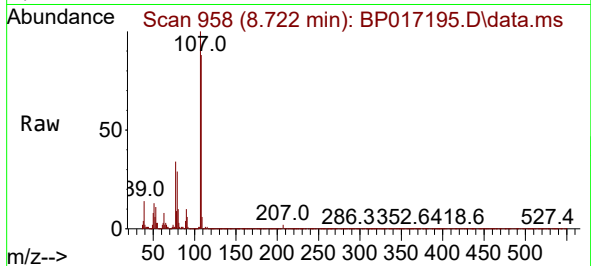




#18
4-Methylphenol
Concen: 21.280 ng/ul
RT: 8.722 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP017195.D
Acq: 15 Sep 2023 20:18

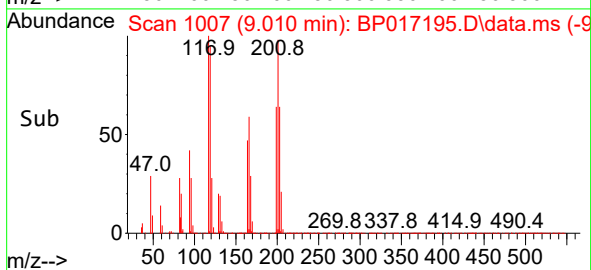
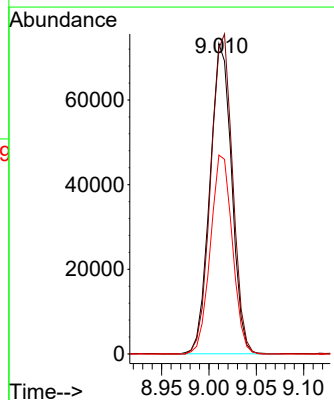
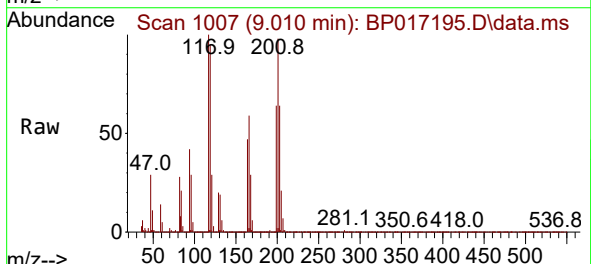
Instrument :
BNA_P
ClientSampleId :
SSTD020737

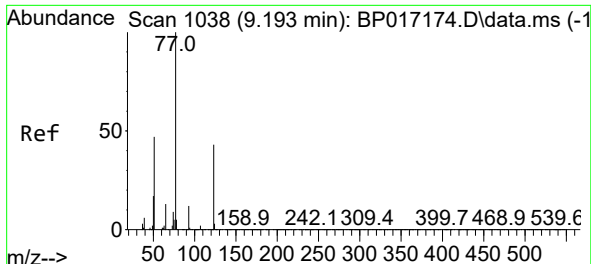
Tgt Ion:108 Resp: 315251
Ion Ratio Lower Upper
108 100
107 114.1 91.4 137.0



#19
Hexachloroethane
Concen: 20.649 ng/ul
RT: 9.010 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BP017195.D
Acq: 15 Sep 2023 20:18

Tgt Ion:117 Resp: 117109
Ion Ratio Lower Upper
117 100
201 98.5 79.9 119.9
199 64.1 49.4 74.2

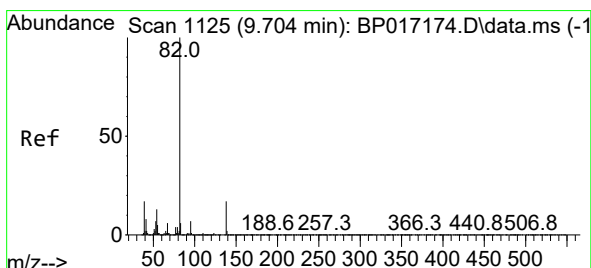
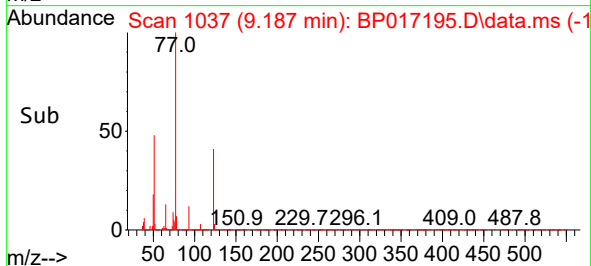
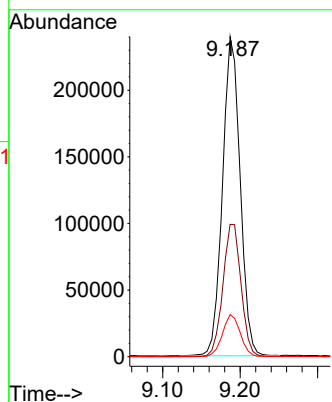
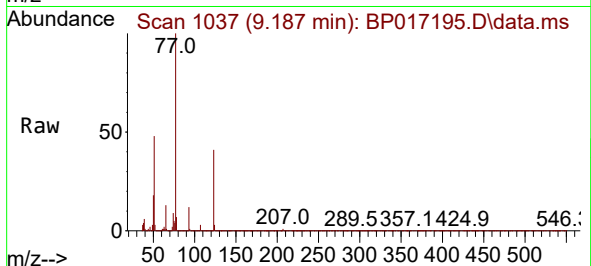




#22
Nitrobenzene
Concen: 21.174 ng/ul
RT: 9.187 min Scan# 1037
Delta R.T. -0.000 min
Lab File: BP017195.D
Acq: 15 Sep 2023 20:18

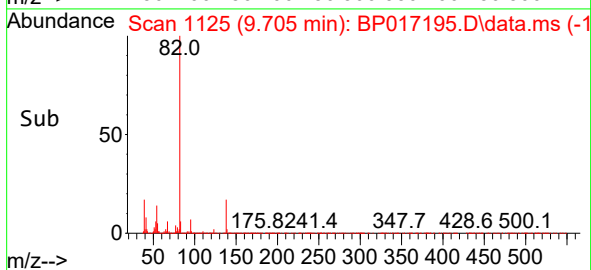
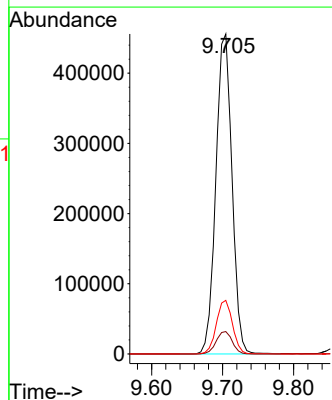
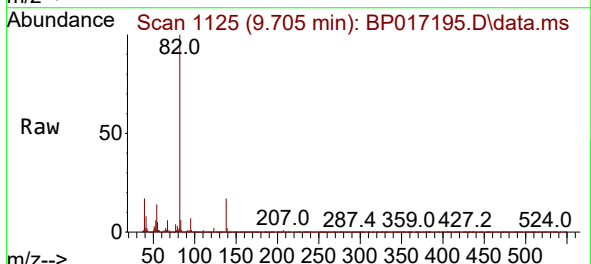
Instrument :
BNA_P
ClientSampleId :
SSTD020737

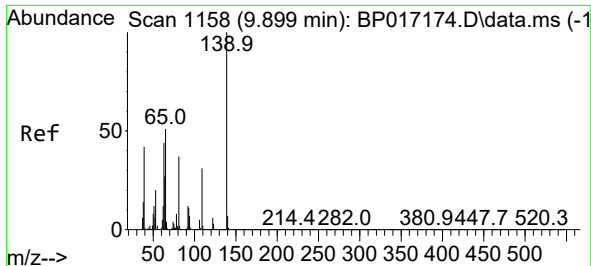
Tgt Ion: 77 Resp: 379081
Ion Ratio Lower Upper
77 100
123 41.3 34.6 51.8
65 13.1 10.6 16.0



#23
Isophorone
Concen: 21.356 ng/ul
RT: 9.705 min Scan# 1125
Delta R.T. -0.000 min
Lab File: BP017195.D
Acq: 15 Sep 2023 20:18

Tgt Ion: 82 Resp: 716507
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 16.8 14.0 21.0

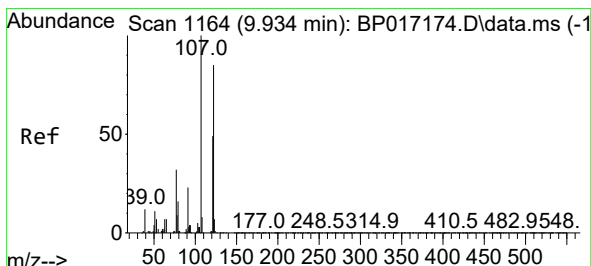
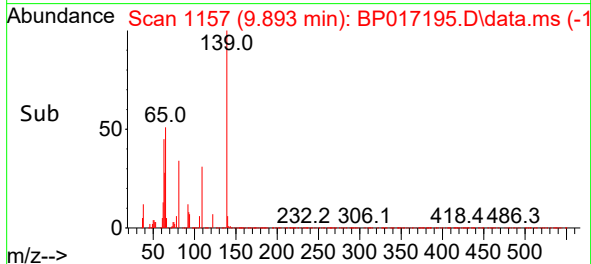
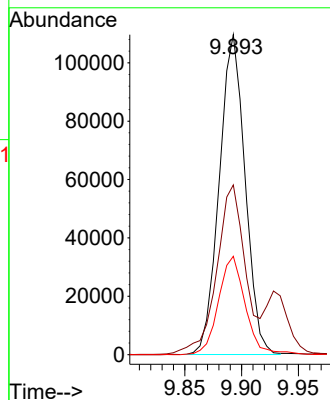
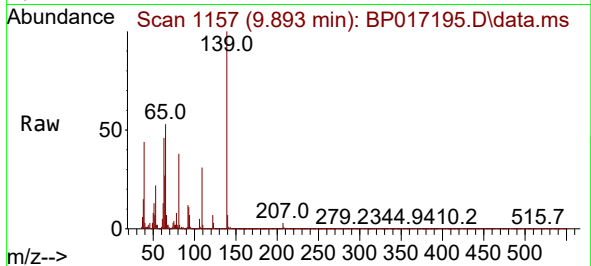




#25
2-Nitrophenol
Concen: 21.246 ng/ul
RT: 9.893 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BP017195.D
Acq: 15 Sep 2023 20:18

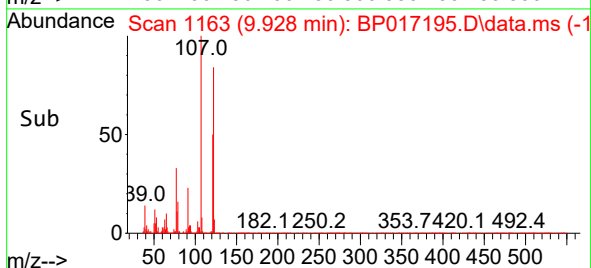
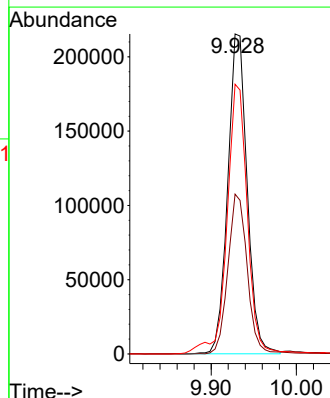
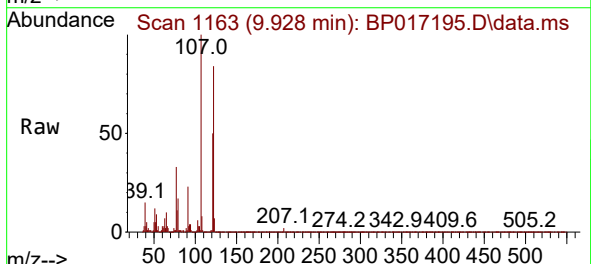
Instrument :
BNA_P
ClientSampleId :
SSTD020737

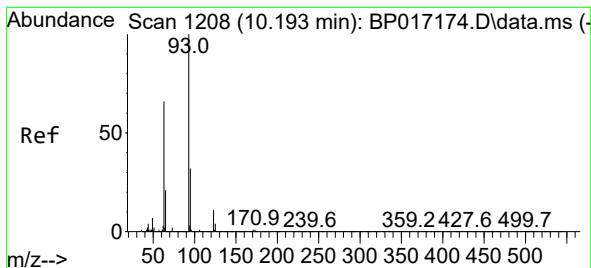
Tgt Ion:139 Resp: 173310
Ion Ratio Lower Upper
139 100
65 53.1 41.9 62.9
109 30.8 23.5 35.3



#26
2,4-Dimethylphenol
Concen: 20.472 ng/ul
RT: 9.928 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BP017195.D
Acq: 15 Sep 2023 20:18

Tgt Ion:107 Resp: 340343
Ion Ratio Lower Upper
107 100
121 49.9 41.7 62.5
122 84.3 70.4 105.6





#27

Bis(2-Chloroethoxy)methane

Concen: 20.863 ng/ul

RT: 10.193 min Scan# 1208

Delta R.T. -0.000 min

Lab File: BP017195.D

Acq: 15 Sep 2023 20:18

Instrument :

BNA_P

ClientSampleId :

SSTD020737

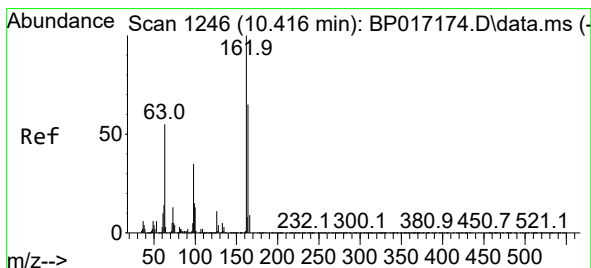
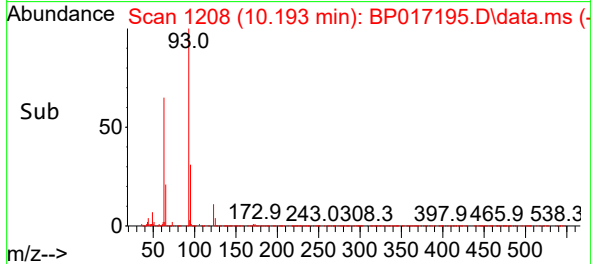
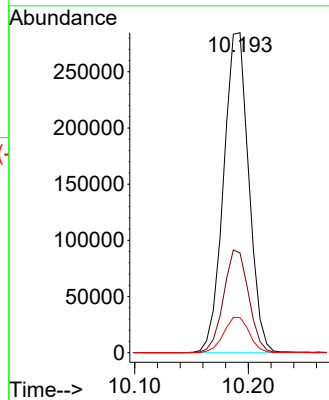
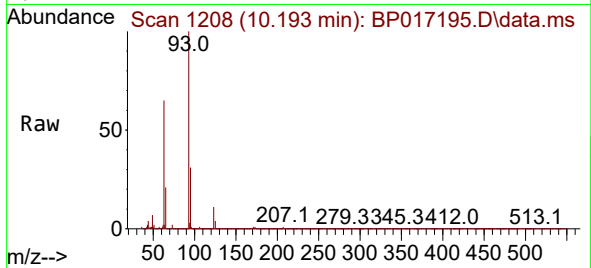
Tgt Ion: 93 Resp: 438704

Ion Ratio Lower Upper

93 100

95 31.2 26.2 39.4

123 11.0 9.3 13.9



#29

2,4-Dichlorophenol

Concen: 20.820 ng/ul

RT: 10.410 min Scan# 1245

Delta R.T. -0.000 min

Lab File: BP017195.D

Acq: 15 Sep 2023 20:18

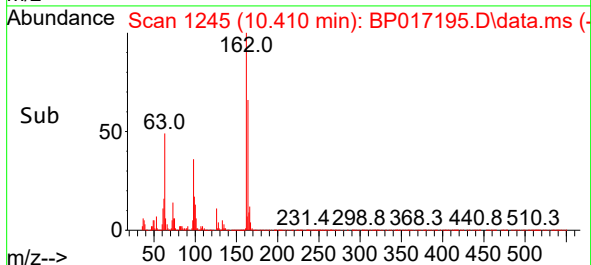
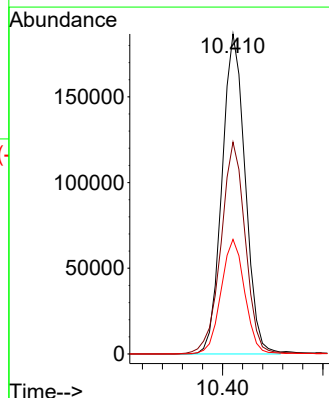
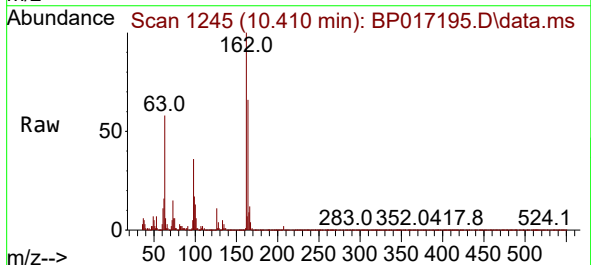
Tgt Ion:162 Resp: 299137

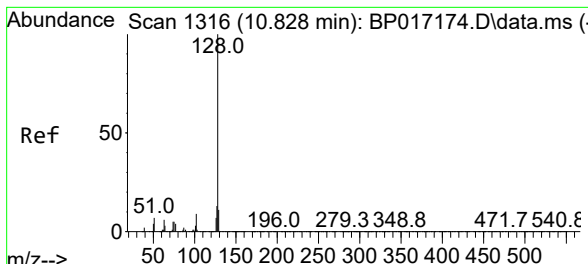
Ion Ratio Lower Upper

162 100

164 66.2 53.2 79.8

98 35.8 30.0 45.0



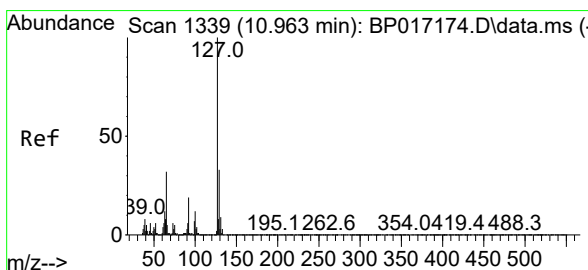
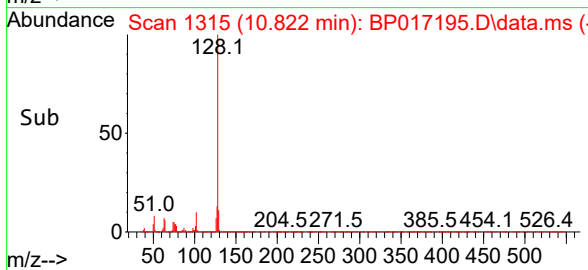
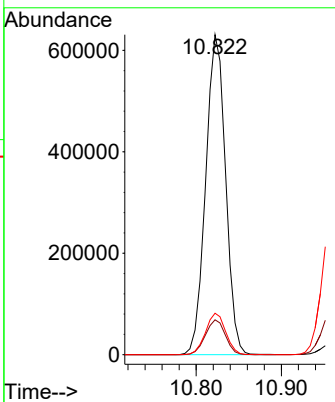
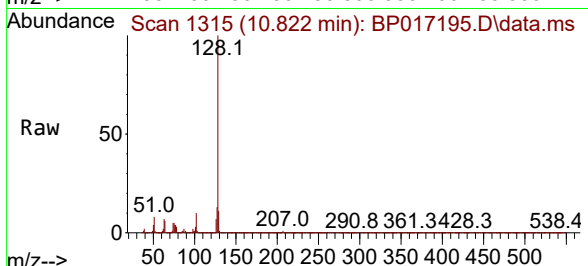


#30
Naphthalene
Concen: 20.570 ng/ul
RT: 10.822 min Scan# 1316
Delta R.T. -0.000 min
Lab File: BP017195.D
Acq: 15 Sep 2023 20:18

Instrument :
BNA_P
ClientSampleId :
SSTD020737

Tgt Ion:128 Resp: 1021955

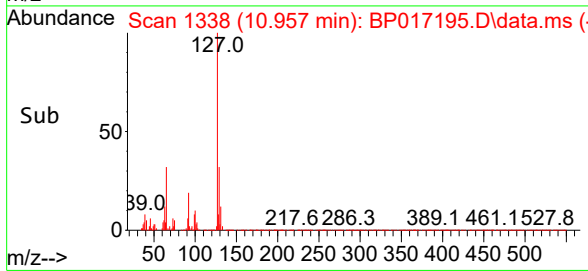
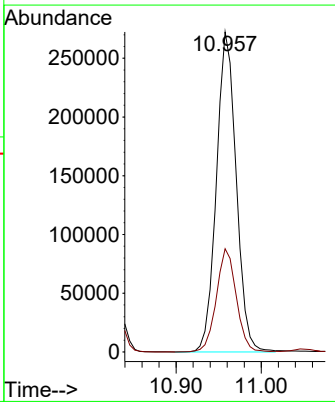
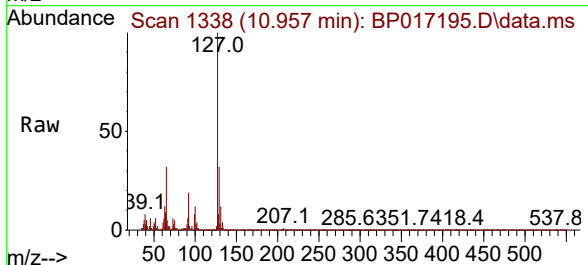
Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	13.0
127	13.0	10.4	15.6

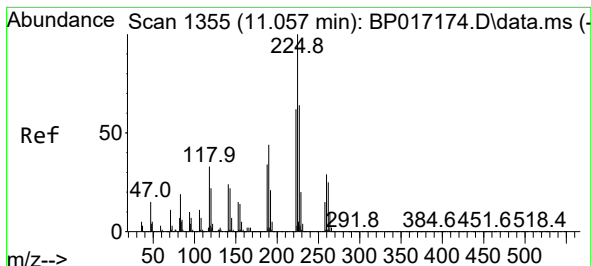


#32
4-Chloroaniline
Concen: 21.084 ng/ul
RT: 10.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BP017195.D
Acq: 15 Sep 2023 20:18

Tgt Ion:127 Resp: 440174

Ion	Ratio	Lower	Upper
127	100		
129	32.3	24.8	37.2

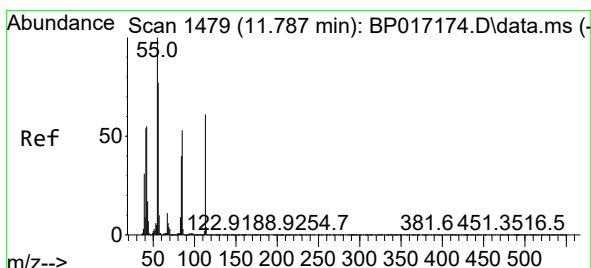
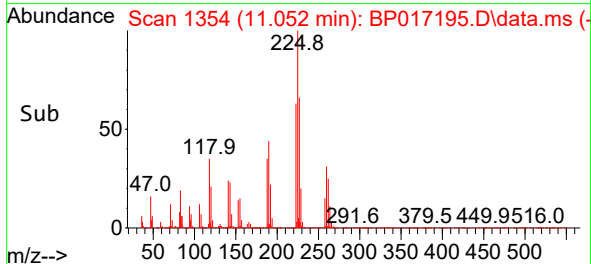
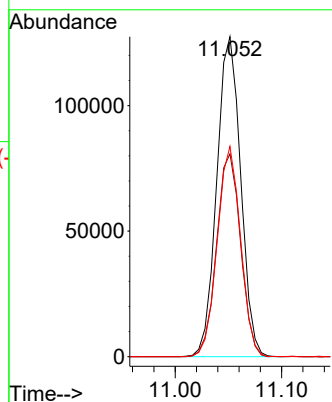
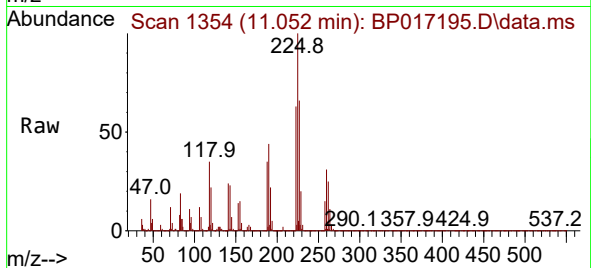




#33
Hexachlorobutadiene
Concen: 20.338 ng/ul
RT: 11.052 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP017195.D
Acq: 15 Sep 2023 20:18

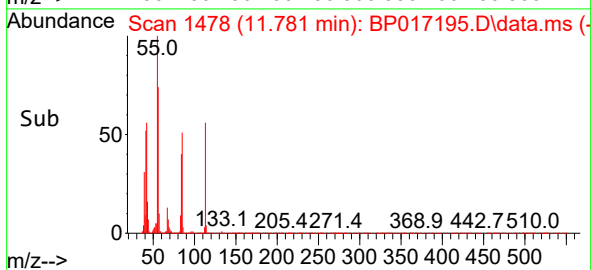
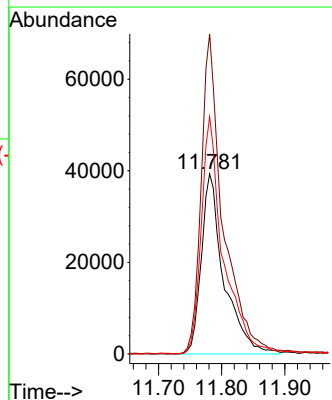
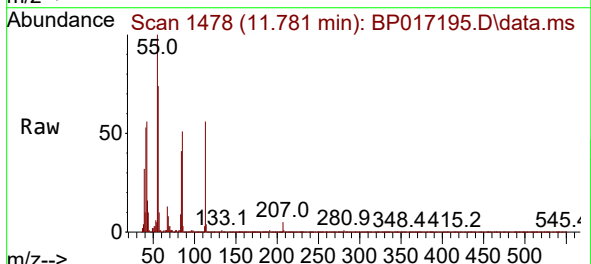
Instrument :
BNA_P
ClientSampleId :
SSTD020737

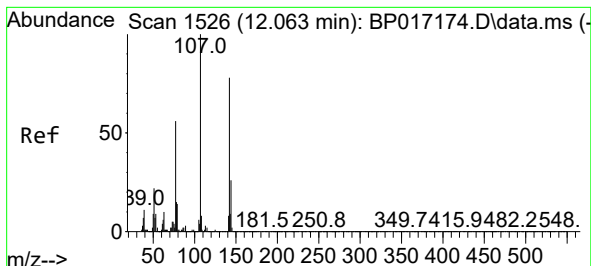
Tgt Ion:225 Resp: 198423
Ion Ratio Lower Upper
225 100
223 63.4 49.0 73.4
227 65.7 50.2 75.4



#34
Caprolactam
Concen: 21.611 ng/ul
RT: 11.781 min Scan# 1478
Delta R.T. -0.000 min
Lab File: BP017195.D
Acq: 15 Sep 2023 20:18

Tgt Ion:113 Resp: 97604
Ion Ratio Lower Upper
113 100
55 177.7 130.7 196.1
56 131.7 96.8 145.2

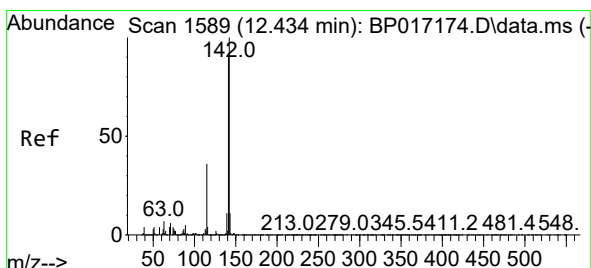
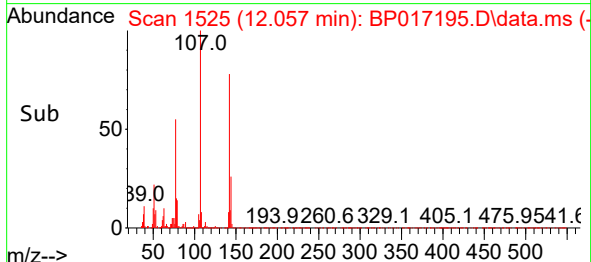
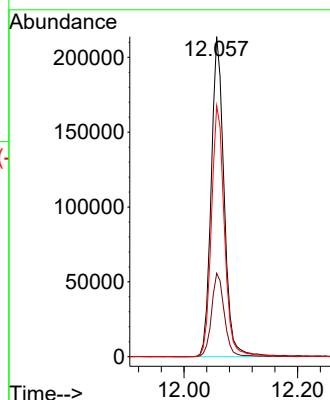
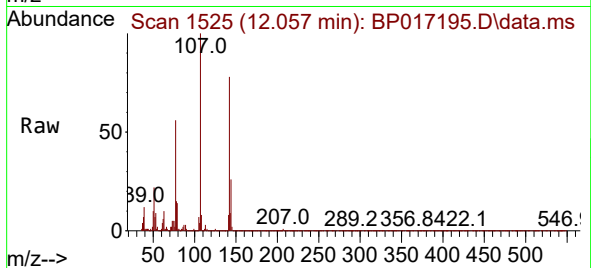




#35
4-Chloro-3-methylphenol
Concen: 21.559 ng/ul
RT: 12.057 min Scan# 1525
Delta R.T. -0.000 min
Lab File: BP017195.D
Acq: 15 Sep 2023 20:18

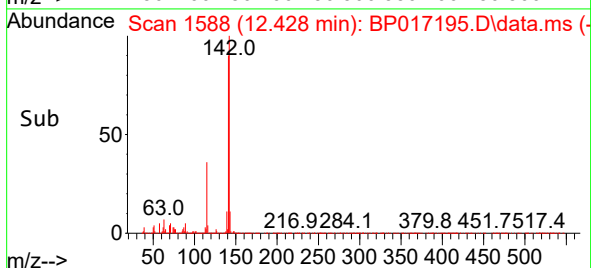
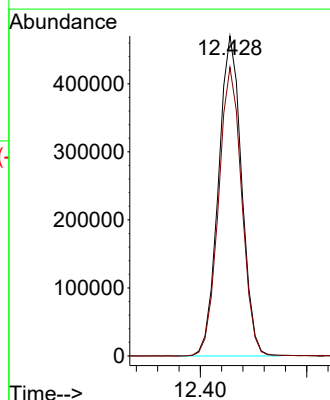
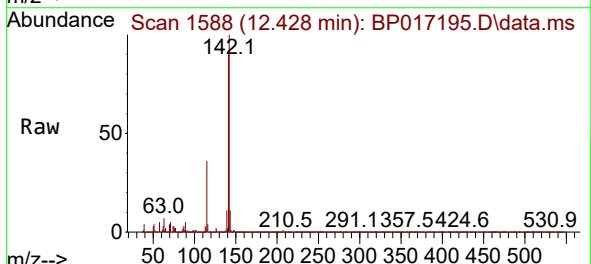
Instrument :
BNA_P
ClientSampleId :
SSTD020737

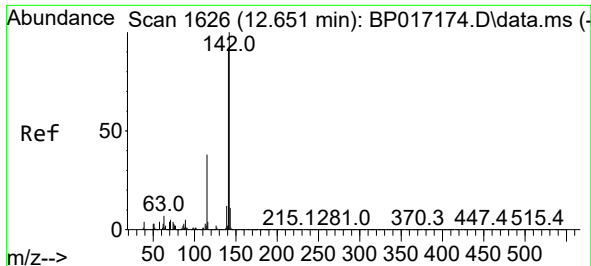
Tgt Ion:107 Resp: 335155
Ion Ratio Lower Upper
107 100
144 26.1 20.6 31.0
142 78.4 63.4 95.0



#36
2-Methylnaphthalene
Concen: 21.138 ng/ul
RT: 12.428 min Scan# 1588
Delta R.T. -0.000 min
Lab File: BP017195.D
Acq: 15 Sep 2023 20:18

Tgt Ion:142 Resp: 708603
Ion Ratio Lower Upper
142 100
141 90.2 70.1 105.1

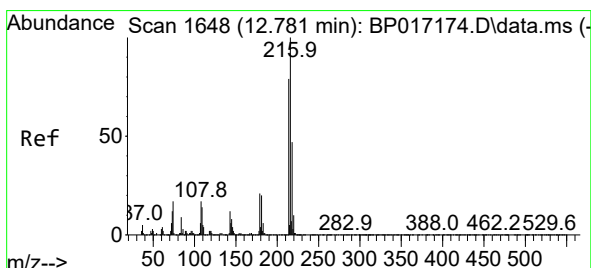
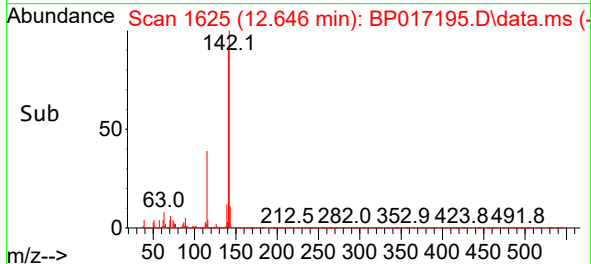
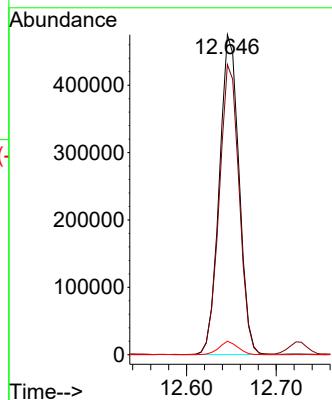
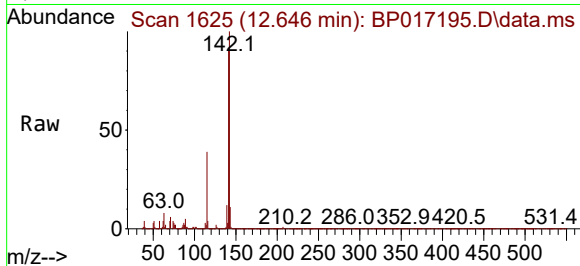




#37
1-Methylnaphthalene
Concen: 21.293 ng/ul
RT: 12.646 min Scan# 1625
Delta R.T. -0.006 min
Lab File: BP017195.D
Acq: 15 Sep 2023 20:18

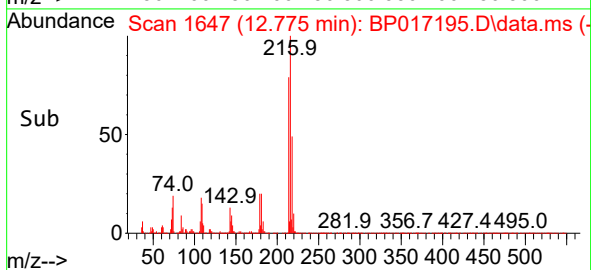
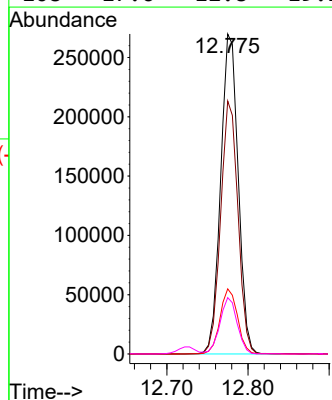
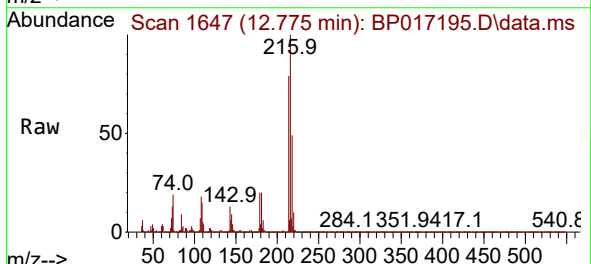
Instrument :
BNA_P
ClientSampleId :
SSTD020737

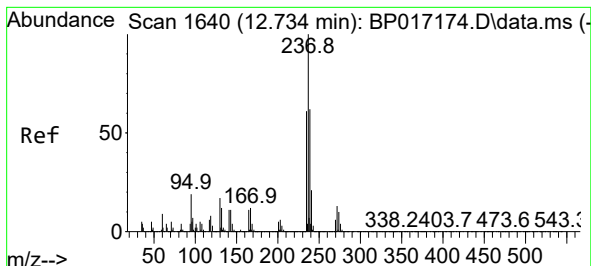
Tgt Ion:142 Resp: 722565
Ion Ratio Lower Upper
142 100
141 90.7 74.1 111.1
116 4.2 3.1 4.7



#39
1,2,4,5-Tetrachlorobenzene
Concen: 20.576 ng/ul
RT: 12.775 min Scan# 1647
Delta R.T. -0.006 min
Lab File: BP017195.D
Acq: 15 Sep 2023 20:18

Tgt Ion:216 Resp: 405202
Ion Ratio Lower Upper
216 100
214 79.1 62.1 93.1
179 20.4 15.6 23.4
108 17.6 12.8 19.2





#40

Hexachlorocyclopentadiene

Concen: 17.897 ng/ul

RT: 12.728 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP017195.D

Acq: 15 Sep 2023 20:18

Instrument :

BNA_P

ClientSampleId :

SSTD020737

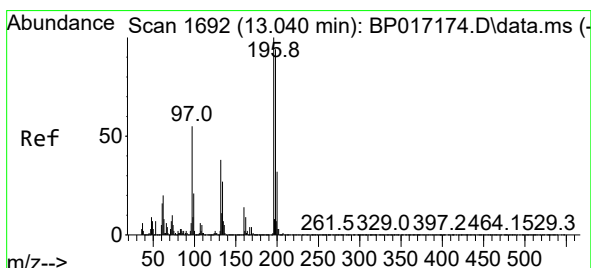
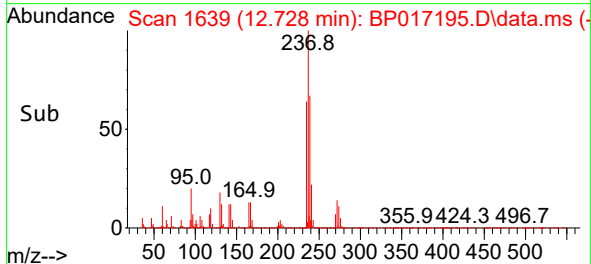
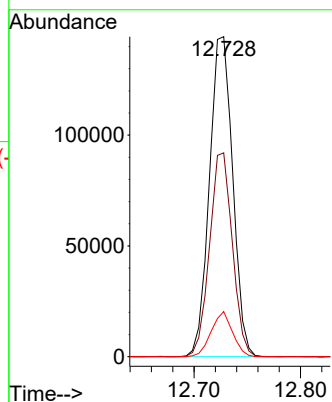
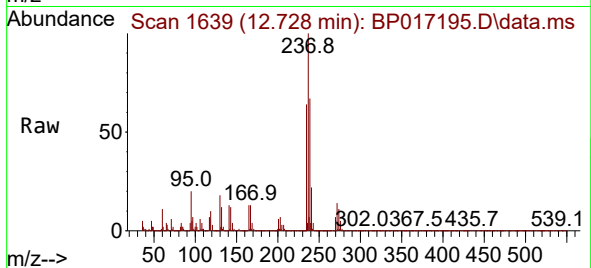
Tgt Ion:237 Resp: 219596

Ion Ratio Lower Upper

237 100

235 63.7 50.4 75.6

272 14.8 10.2 15.4



#41

2,4,6-Trichlorophenol

Concen: 20.472 ng/ul

RT: 13.034 min Scan# 1691

Delta R.T. -0.000 min

Lab File: BP017195.D

Acq: 15 Sep 2023 20:18

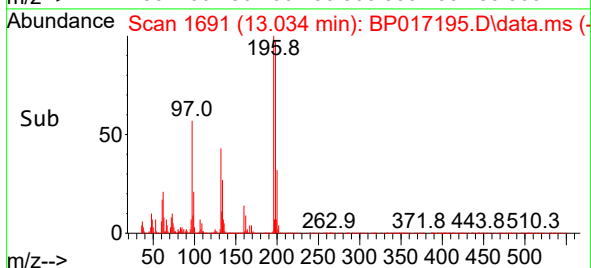
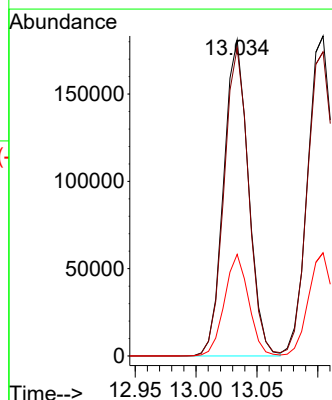
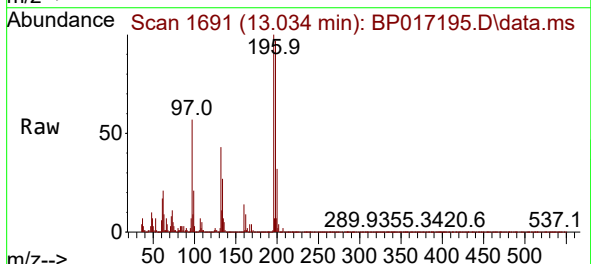
Tgt Ion:196 Resp: 256102

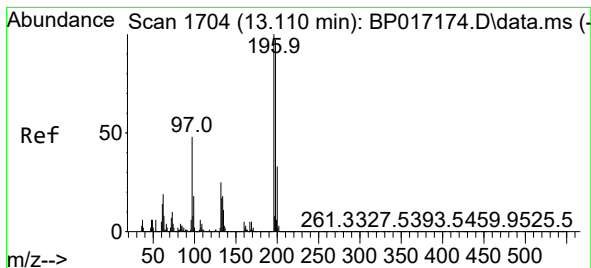
Ion Ratio Lower Upper

196 100

198 97.5 76.0 114.0

200 32.1 25.0 37.4





#42

2,4,5-Trichlorophenol

Concen: 20.787 ng/ul

RT: 13.104 min Scan# 1703

Delta R.T. -0.000 min

Lab File: BP017195.D

Acq: 15 Sep 2023 20:18

Instrument :

BNA_P

ClientSampleId :

SSTD020737

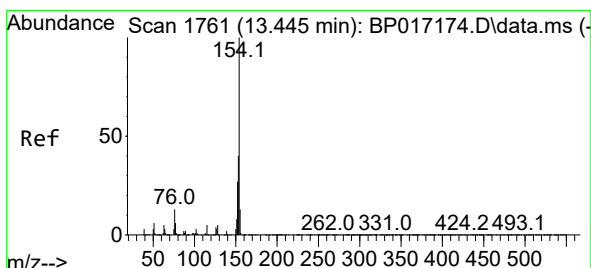
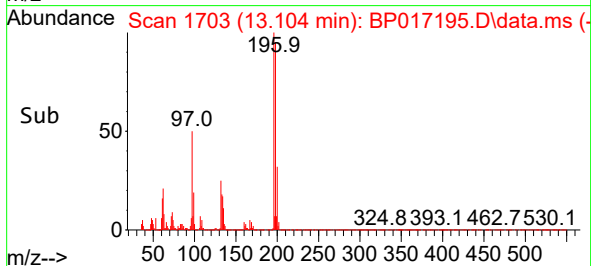
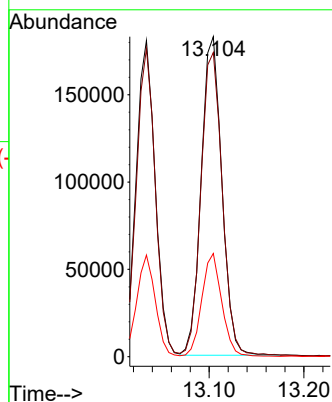
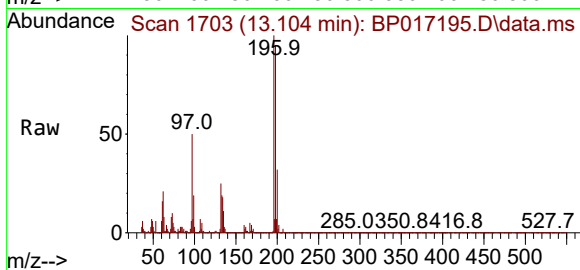
Tgt Ion:196 Resp: 276474

Ion Ratio Lower Upper

196 100

198 95.0 76.9 115.3

200 32.3 25.0 37.6



#43

1,1'-Biphenyl

Concen: 20.134 ng/ul

RT: 13.440 min Scan# 1760

Delta R.T. -0.000 min

Lab File: BP017195.D

Acq: 15 Sep 2023 20:18

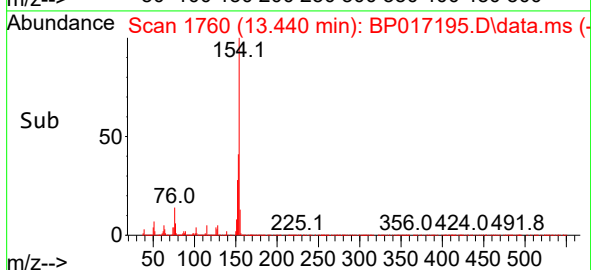
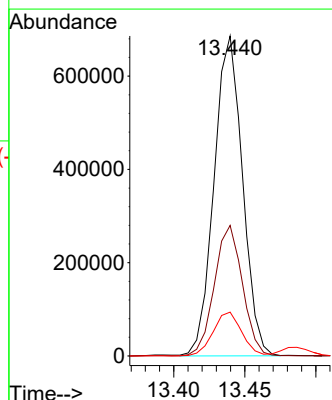
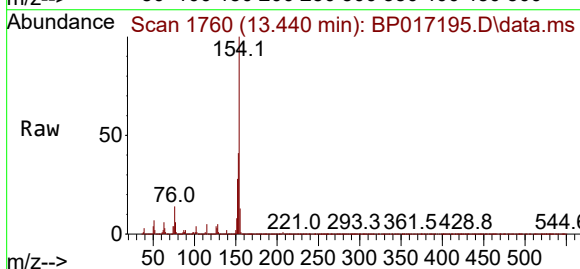
Tgt Ion:154 Resp: 954566

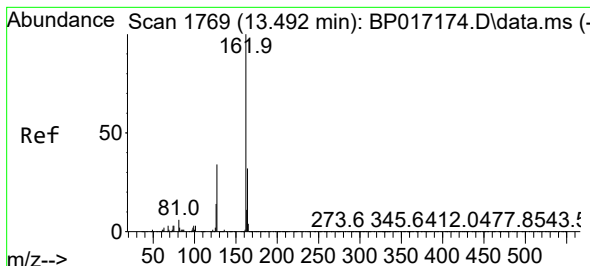
Ion Ratio Lower Upper

154 100

153 40.8 31.8 47.8

76 13.7 10.8 16.2





#44

2-Chloronaphthalene

Concen: 20.340 ng/ul

RT: 13.487 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP017195.D

Acq: 15 Sep 2023 20:18

Instrument :

BNA_P

ClientSampleId :

SSTD020737

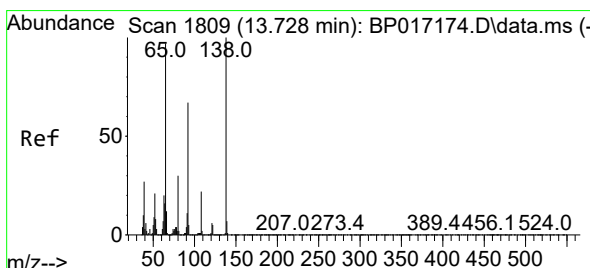
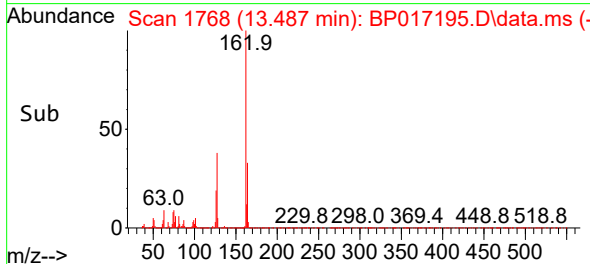
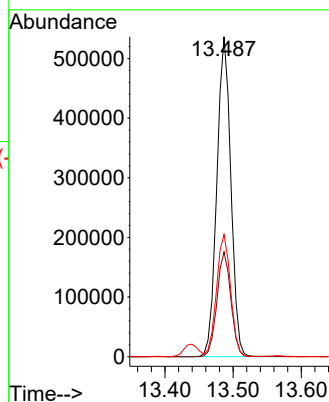
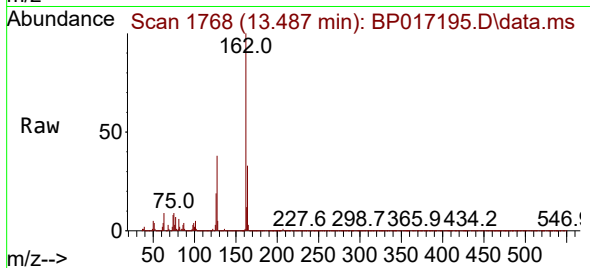
Tgt Ion:162 Resp: 765825

Ion Ratio Lower Upper

162 100

164 32.7 26.6 39.8

127 38.1 31.0 46.4



#45

2-Nitroaniline

Concen: 21.923 ng/ul

RT: 13.722 min Scan# 1808

Delta R.T. -0.006 min

Lab File: BP017195.D

Acq: 15 Sep 2023 20:18

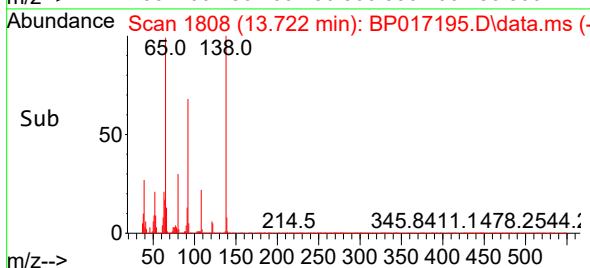
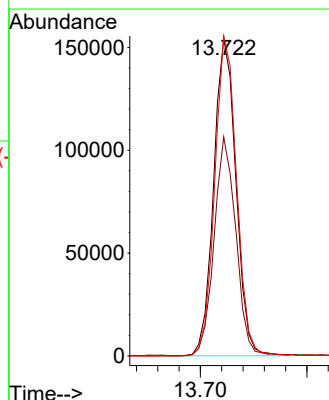
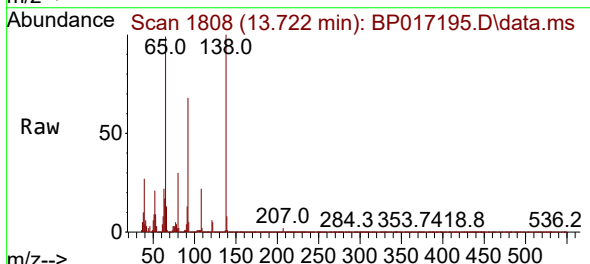
Tgt Ion: 65 Resp: 223576

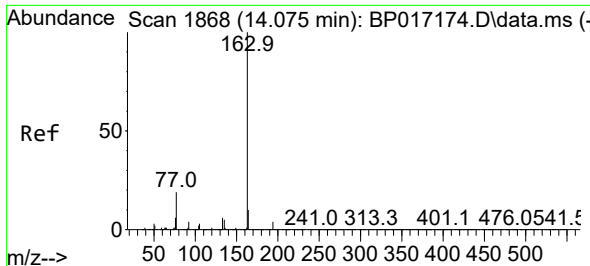
Ion Ratio Lower Upper

65 100

92 69.0 55.6 83.4

138 100.8 82.2 123.2

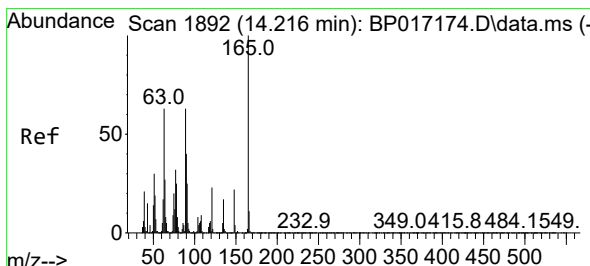
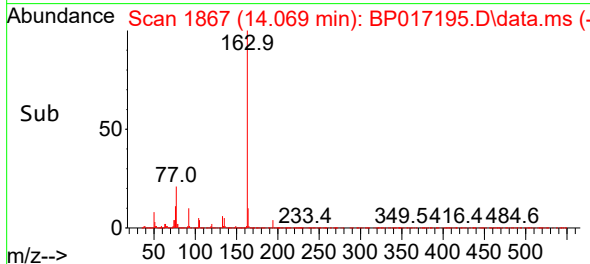
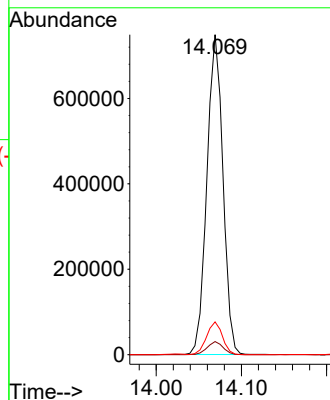
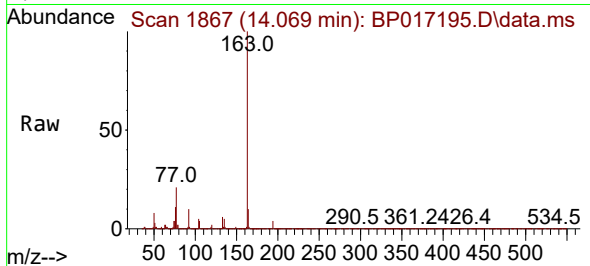




#47
Dimethylphthalate
Concen: 20.545 ng/ul
RT: 14.069 min Scan# 1867
Delta R.T. -0.000 min
Lab File: BP017195.D
Acq: 15 Sep 2023 20:18

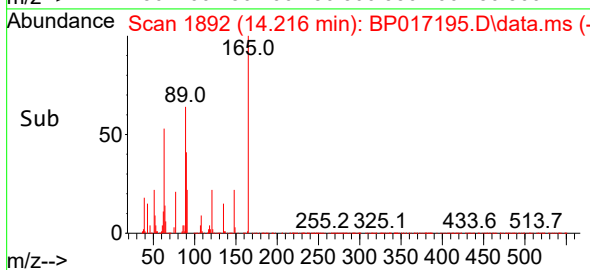
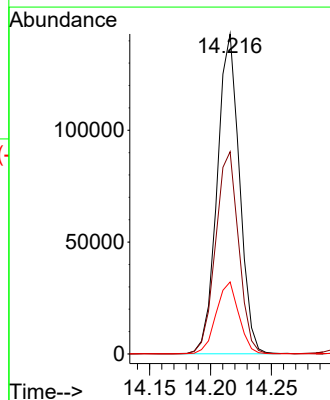
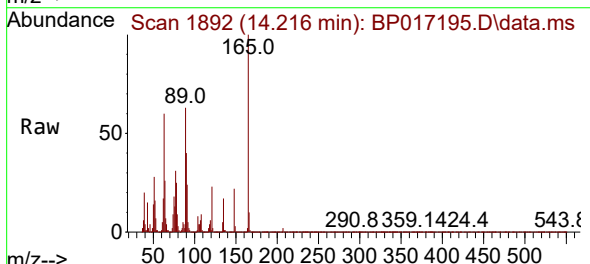
Instrument :
BNA_P
ClientSampleId :
SSTD020737

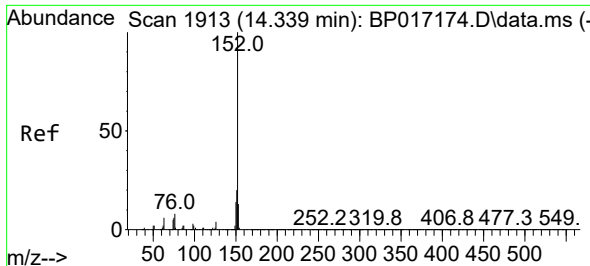
Tgt Ion:163 Resp: 981294
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.2 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 20.873 ng/ul
RT: 14.216 min Scan# 1892
Delta R.T. -0.000 min
Lab File: BP017195.D
Acq: 15 Sep 2023 20:18

Tgt Ion:165 Resp: 182270
Ion Ratio Lower Upper
165 100
89 63.2 47.8 71.8
121 22.5 17.4 26.2

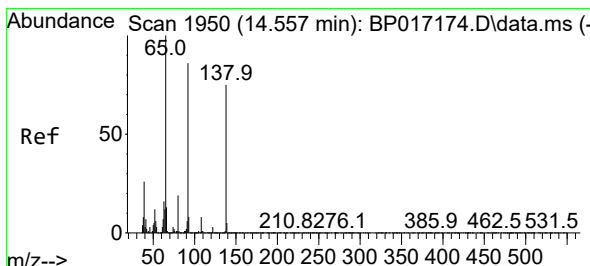
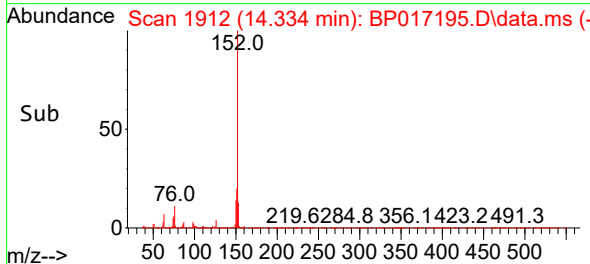
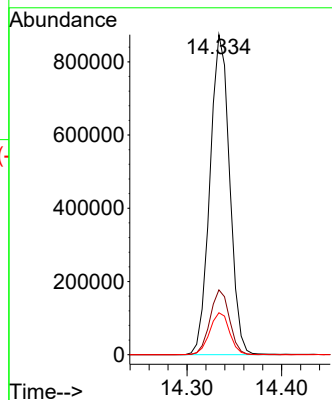
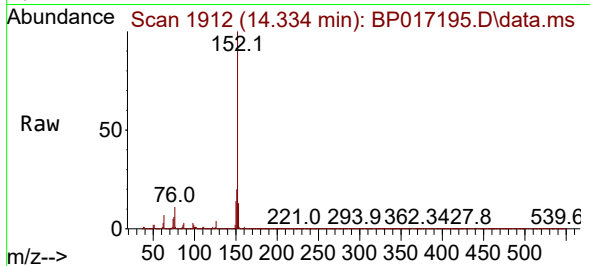




#50
Acenaphthylene
Concen: 20.434 ng/ul
RT: 14.334 min Scan# 1912
Delta R.T. -0.000 min
Lab File: BP017195.D
Acq: 15 Sep 2023 20:18

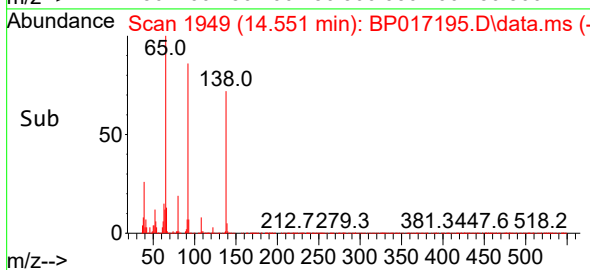
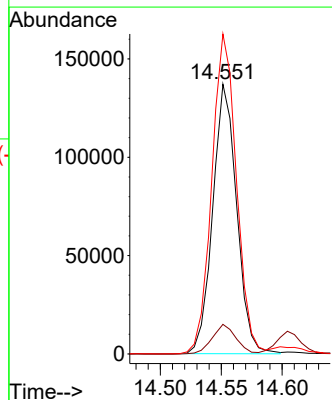
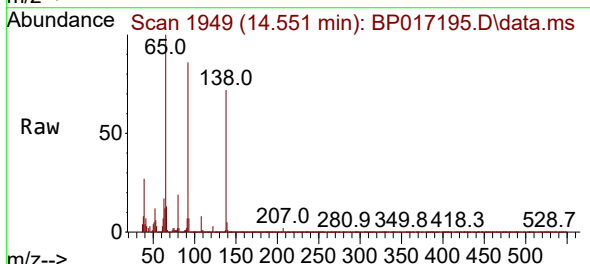
Instrument :
BNA_P
ClientSampleId :
SSTD020737

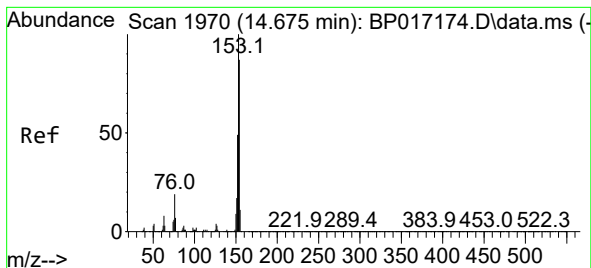
Tgt Ion:152 Resp: 1260297
Ion Ratio Lower Upper
152 100
151 20.3 15.8 23.8
153 13.1 10.6 15.8



#51
3-Nitroaniline
Concen: 20.072 ng/ul
RT: 14.551 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP017195.D
Acq: 15 Sep 2023 20:18

Tgt Ion:138 Resp: 187503
Ion Ratio Lower Upper
138 100
108 11.0 8.5 12.7
92 118.6 94.2 141.4





#52

Acenaphthene

Concen: 20.327 ng/ul

RT: 14.669 min Scan# 1969

Delta R.T. -0.006 min

Lab File: BP017195.D

Acq: 15 Sep 2023 20:18

Instrument :

BNA_P

ClientSampleId :

SSTD020737

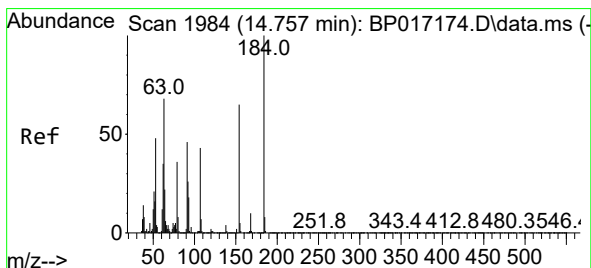
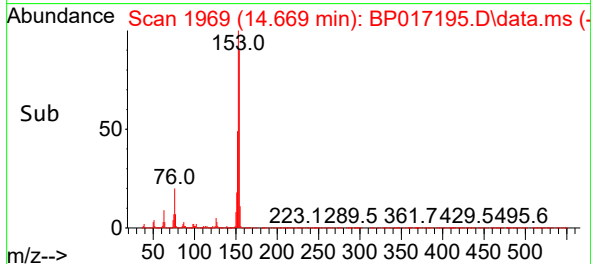
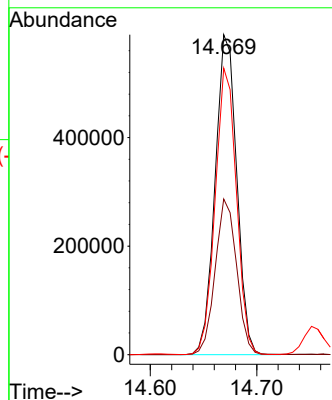
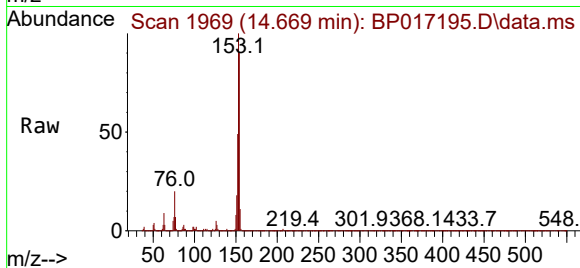
Tgt Ion:153 Resp: 829637

Ion Ratio Lower Upper

153 100

152 48.6 38.6 57.8

154 89.6 70.4 105.6



#53

2,4-Dinitrophenol

Concen: 18.229 ng/ul

RT: 14.751 min Scan# 1983

Delta R.T. -0.006 min

Lab File: BP017195.D

Acq: 15 Sep 2023 20:18

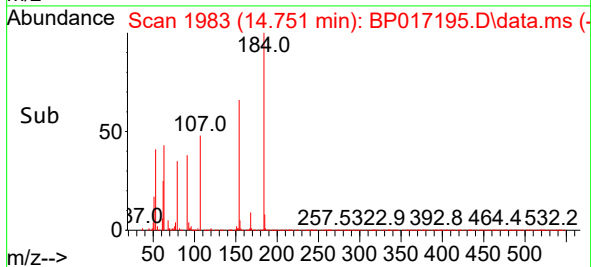
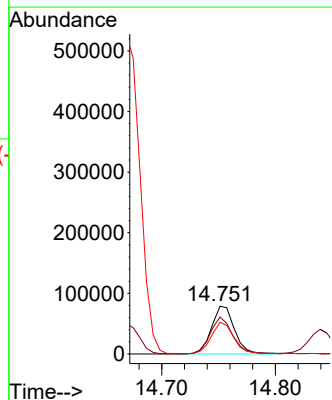
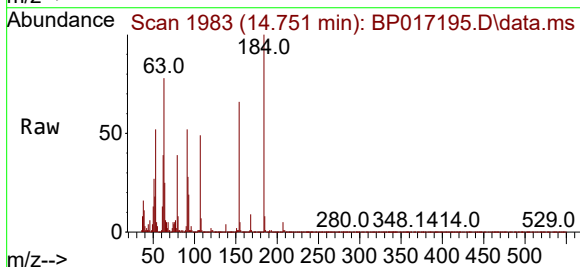
Tgt Ion:184 Resp: 111496

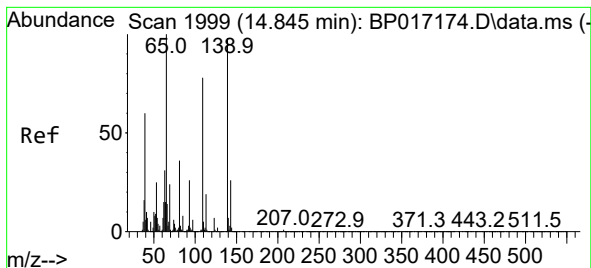
Ion Ratio Lower Upper

184 100

63 77.5 55.2 82.8

154 66.4 53.0 79.4

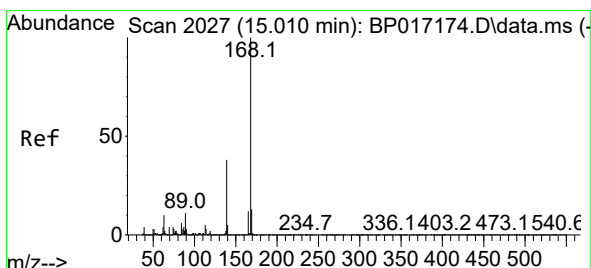
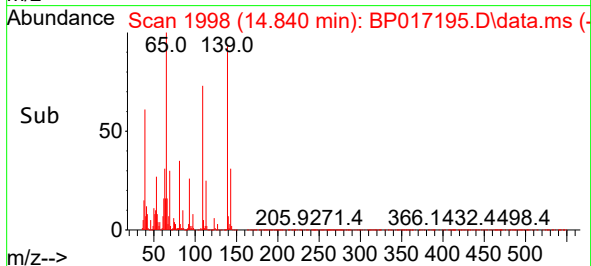
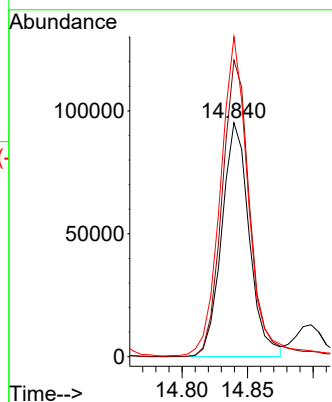
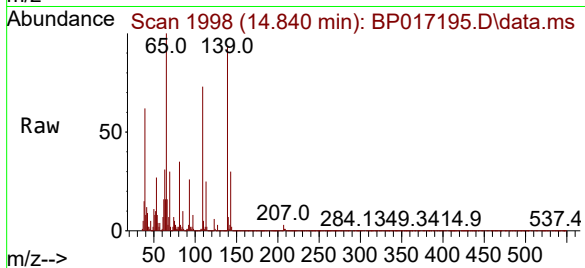




#55
4-Nitrophenol
Concen: 18.993 ng/ul
RT: 14.840 min Scan# 1999
Delta R.T. -0.000 min
Lab File: BP017195.D
Acq: 15 Sep 2023 20:18

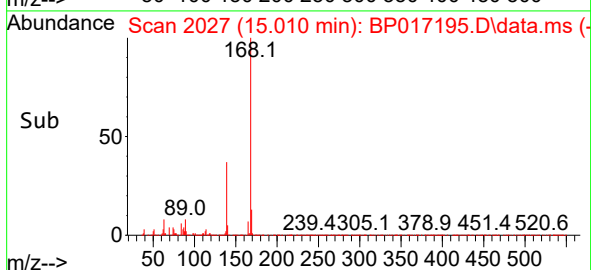
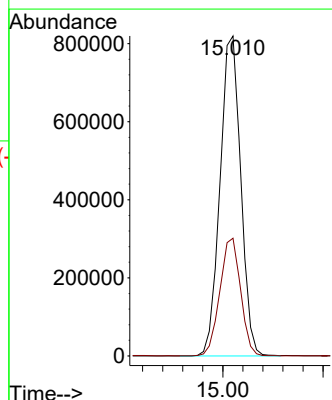
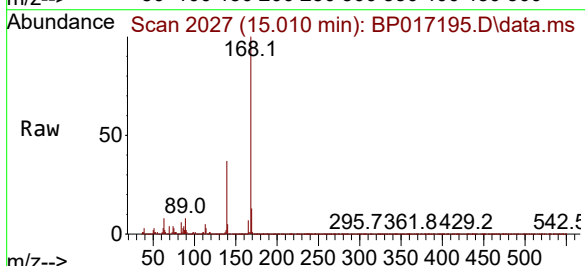
Instrument :
BNA_P
ClientSampleId :
SSTD020737

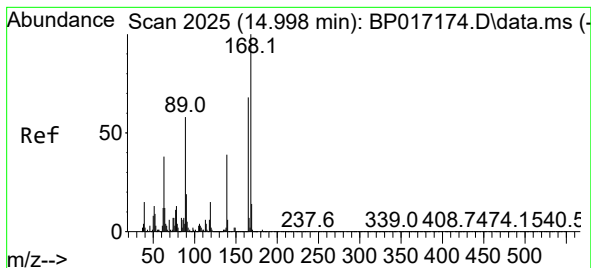
Tgt Ion:109 Resp: 138236
Ion Ratio Lower Upper
109 100
139 126.7 101.1 151.7
65 136.8 105.0 157.4



#56
Dibenzofuran
Concen: 20.793 ng/ul
RT: 15.010 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BP017195.D
Acq: 15 Sep 2023 20:18

Tgt Ion:168 Resp: 1172763
Ion Ratio Lower Upper
168 100
139 36.8 29.9 44.9





#57

2,4-Dinitrotoluene

Concen: 21.448 ng/ul

RT: 14.998 min Scan# 2025

Delta R.T. -0.000 min

Lab File: BP017195.D

Acq: 15 Sep 2023 20:18

Instrument :

BNA_P

ClientSampleId :

SSTD020737

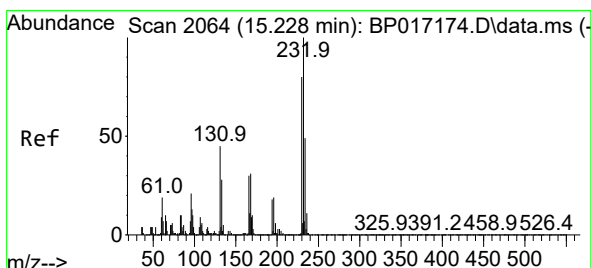
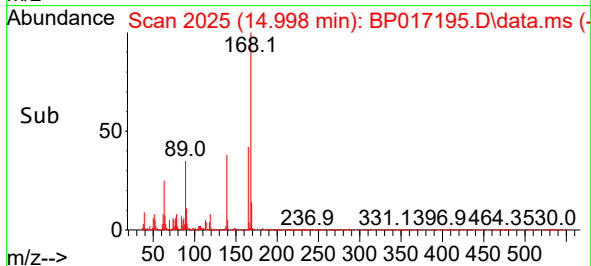
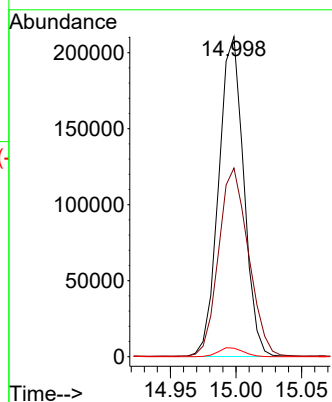
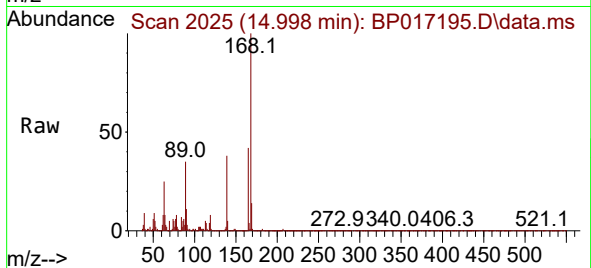
Tgt Ion:165 Resp: 278877

Ion Ratio Lower Upper

165 100

63 58.9 42.3 63.5

182 2.6 2.2 3.4



#58

2,3,4,6-Tetrachlorophenol

Concen: 21.059 ng/ul

RT: 15.222 min Scan# 2063

Delta R.T. -0.006 min

Lab File: BP017195.D

Acq: 15 Sep 2023 20:18

Tgt Ion:232 Resp: 245706

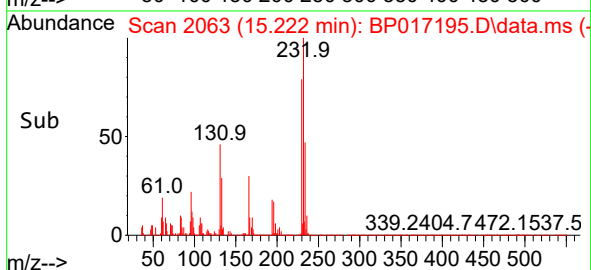
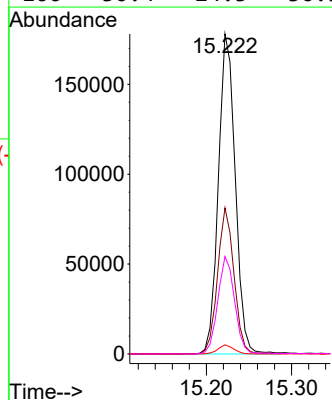
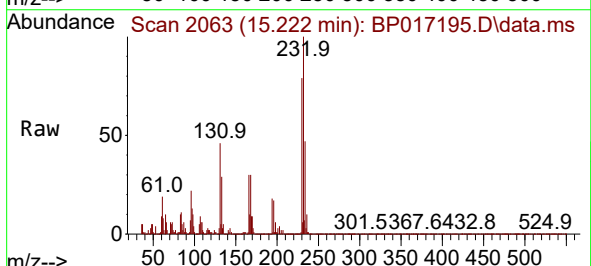
Ion Ratio Lower Upper

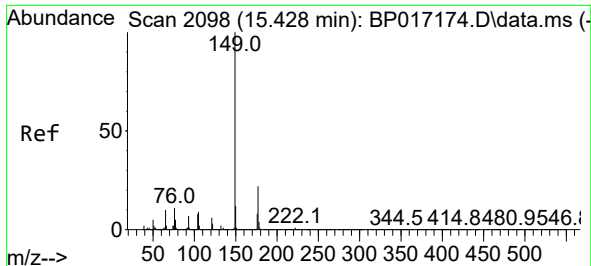
232 100

131 45.6 37.0 55.6

130 2.9 1.8 2.8#

166 30.4 24.3 36.5

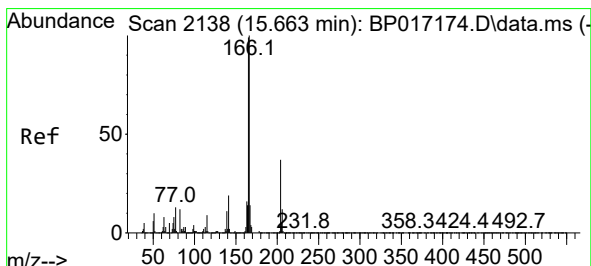
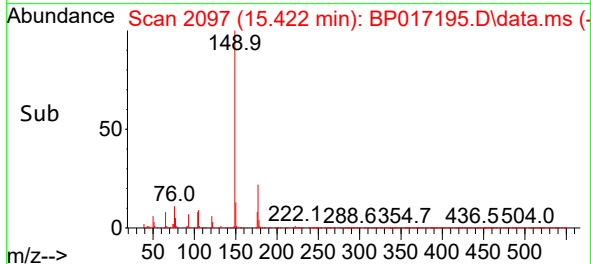
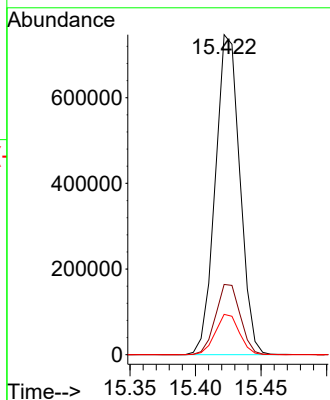
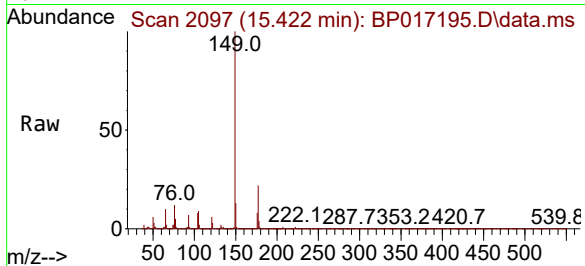




#59
Diethylphthalate
Concen: 20.620 ng/ul
RT: 15.422 min Scan# 2098
Delta R.T. -0.006 min
Lab File: BP017195.D
Acq: 15 Sep 2023 20:18

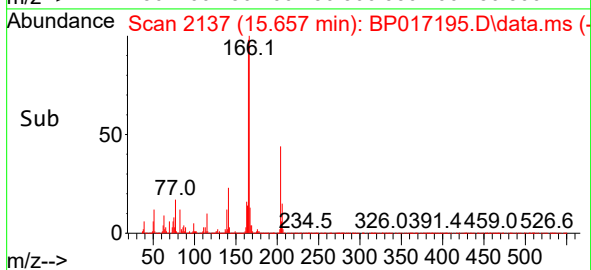
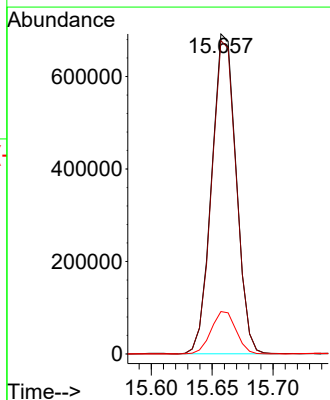
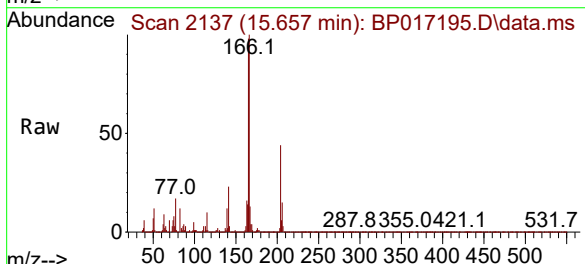
Instrument :
BNA_P
ClientSampleId :
SSTD020737

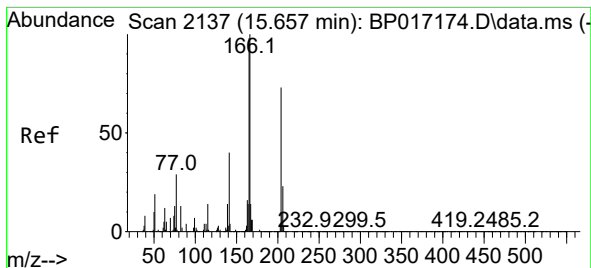
Tgt Ion:149 Resp: 972400
Ion Ratio Lower Upper
149 100
177 21.9 17.5 26.3
150 12.6 10.0 15.0



#61
Fluorene
Concen: 20.798 ng/ul
RT: 15.657 min Scan# 2137
Delta R.T. -0.006 min
Lab File: BP017195.D
Acq: 15 Sep 2023 20:18

Tgt Ion:166 Resp: 969841
Ion Ratio Lower Upper
166 100
165 97.9 78.2 117.2
167 13.3 11.0 16.4

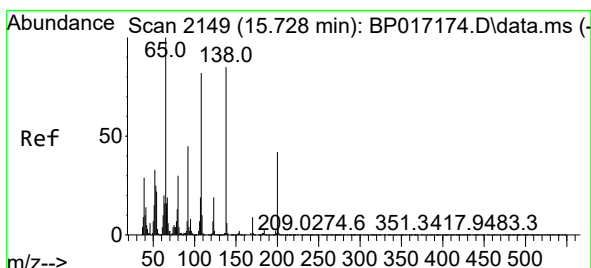
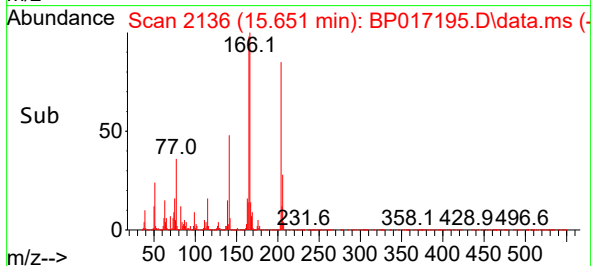
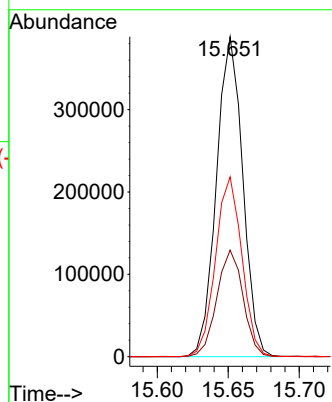
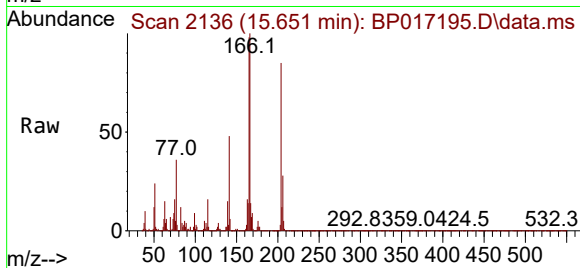




#62
4-Chlorophenyl-phenylether
Concen: 21.149 ng/ul
RT: 15.651 min Scan# 2136
Delta R.T. -0.000 min
Lab File: BP017195.D
Acq: 15 Sep 2023 20:18

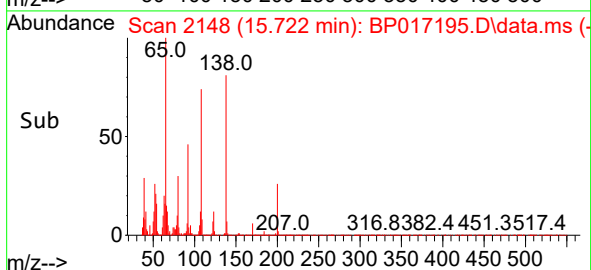
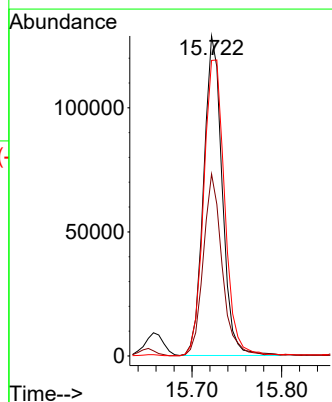
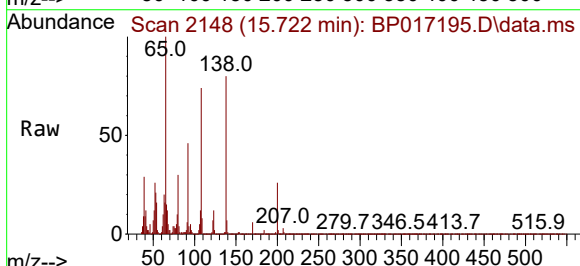
Instrument :
BNA_P
ClientSampleId :
SSTD020737

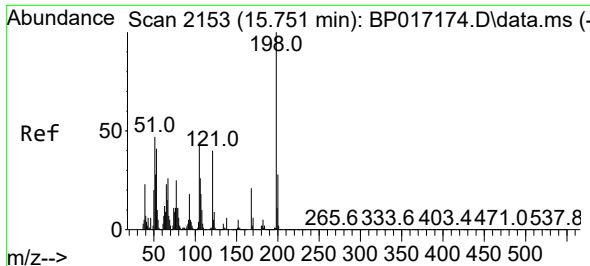
Tgt Ion:204 Resp: 501405
Ion Ratio Lower Upper
204 100
206 33.3 27.3 40.9
141 56.2 45.0 67.6



#63
4-Nitroaniline
Concen: 21.390 ng/ul
RT: 15.722 min Scan# 2148
Delta R.T. -0.000 min
Lab File: BP017195.D
Acq: 15 Sep 2023 20:18

Tgt Ion:138 Resp: 185761
Ion Ratio Lower Upper
138 100
92 56.8 43.3 64.9
108 92.4 75.3 112.9

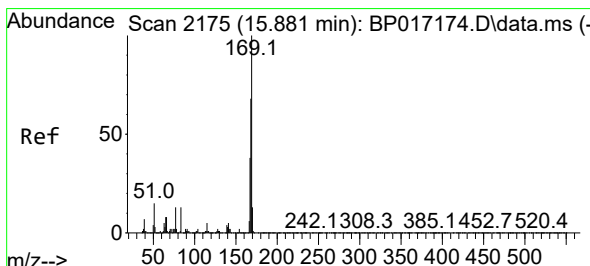
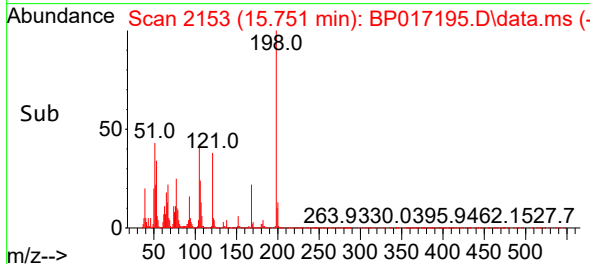
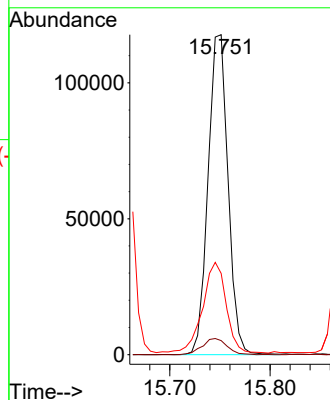
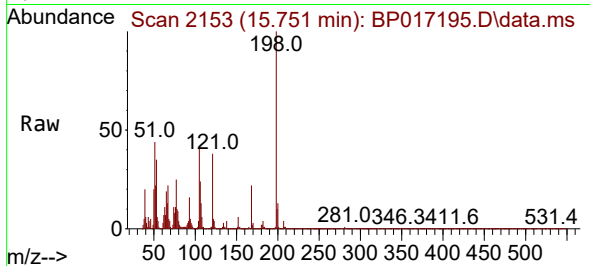




#66
4,6-Dinitro-2-methylphenol
Concen: 18.128 ng/ul
RT: 15.751 min Scan# 2153
Delta R.T. -0.000 min
Lab File: BP017195.D
Acq: 15 Sep 2023 20:18

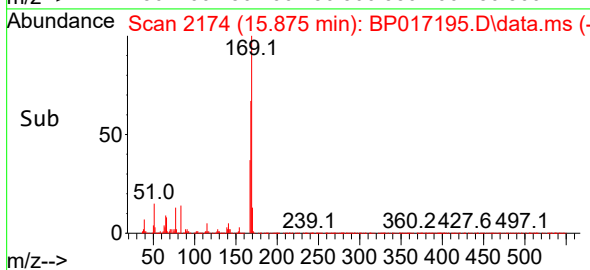
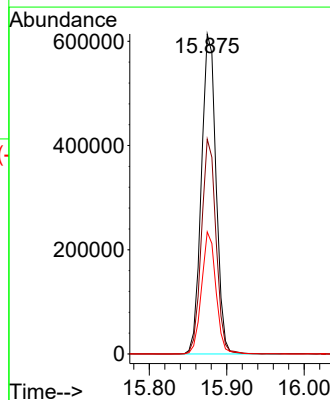
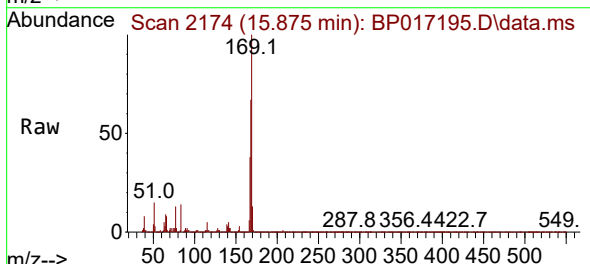
Instrument :
BNA_P
ClientSampleId :
SSTD020737

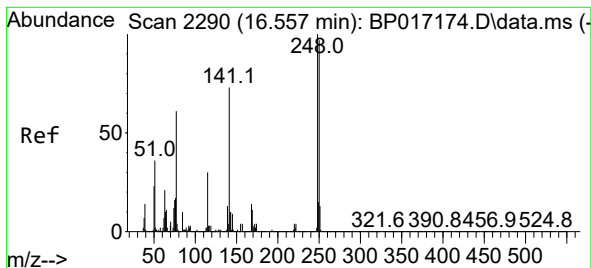
Tgt Ion:198 Resp: 163232
Ion Ratio Lower Upper
198 100
182 4.4 4.2 6.2
77 25.4 22.5 33.7



#67
N-Nitrosodiphenylamine
Concen: 20.647 ng/ul
RT: 15.875 min Scan# 2174
Delta R.T. -0.006 min
Lab File: BP017195.D
Acq: 15 Sep 2023 20:18

Tgt Ion:169 Resp: 806259
Ion Ratio Lower Upper
169 100
168 67.2 52.7 79.1
167 38.1 29.0 43.4

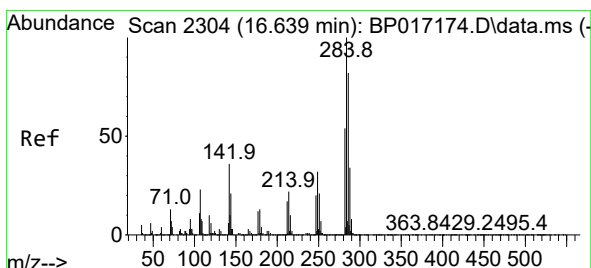
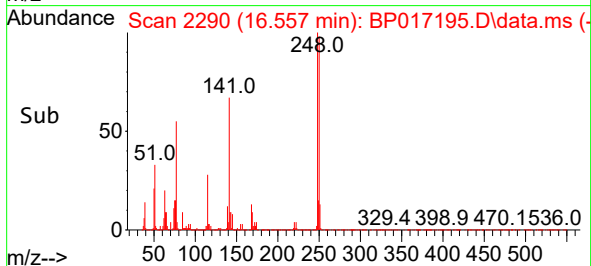
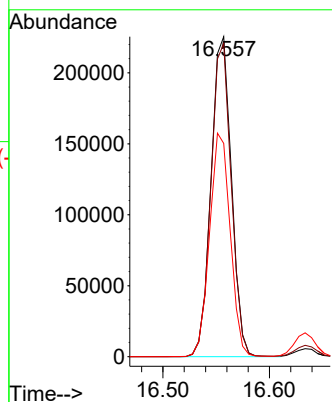
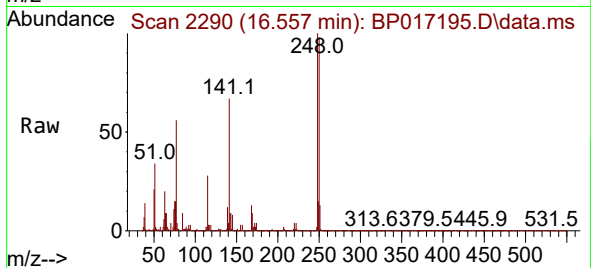




#68
4-Bromophenyl-phenylether
Concen: 20.951 ng/ul
RT: 16.557 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP017195.D
Acq: 15 Sep 2023 20:18

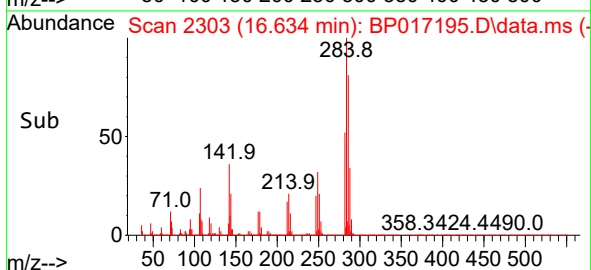
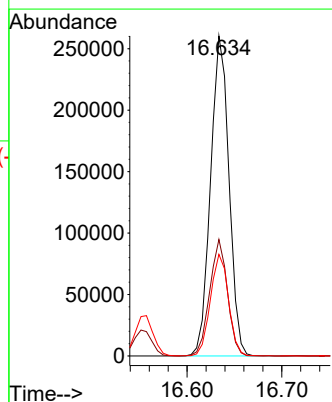
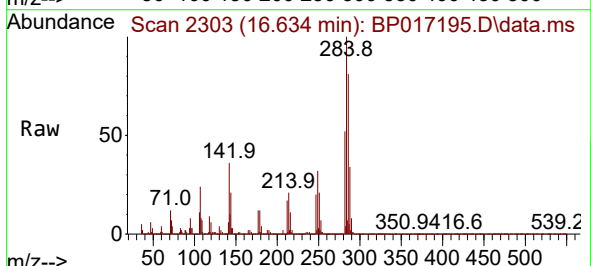
Instrument :
BNA_P
ClientSampleId :
SSTD020737

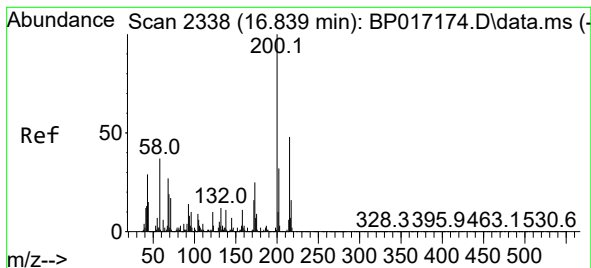
Tgt Ion:248 Resp: 299926
Ion Ratio Lower Upper
248 100
250 97.9 78.6 118.0
141 66.7 60.4 90.6



#69
Hexachlorobenzene
Concen: 20.731 ng/ul
RT: 16.634 min Scan# 2303
Delta R.T. -0.000 min
Lab File: BP017195.D
Acq: 15 Sep 2023 20:18

Tgt Ion:284 Resp: 351261
Ion Ratio Lower Upper
284 100
142 36.4 28.6 42.8
249 31.8 25.0 37.6





#70

Atrazine

Concen: 21.555 ng/ul

RT: 16.834 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP017195.D

Acq: 15 Sep 2023 20:18

Instrument :

BNA_P

ClientSampleId :

SSTD020737

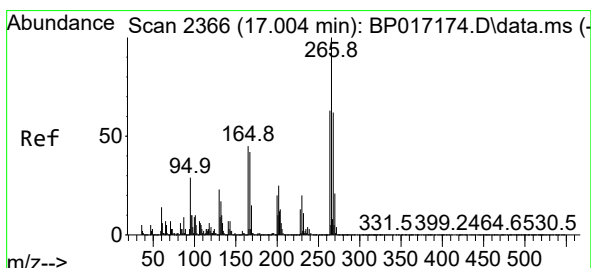
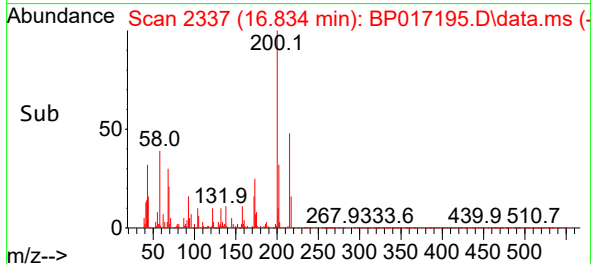
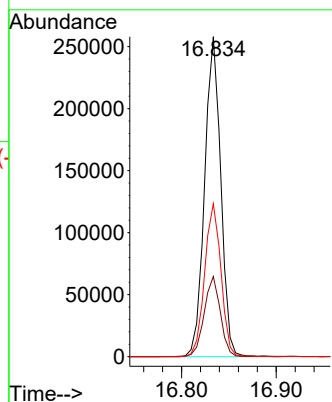
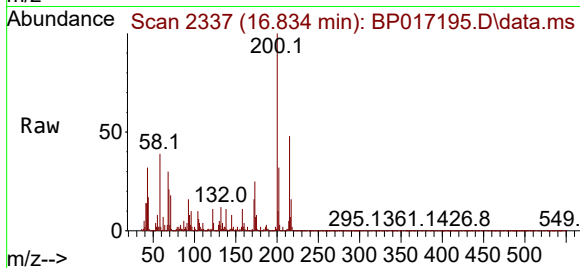
Tgt Ion:200 Resp: 304678

Ion Ratio Lower Upper

200 100

173 25.1 20.7 31.1

215 47.8 38.8 58.2



#71

Pentachlorophenol

Concen: 18.680 ng/ul

RT: 17.004 min Scan# 2366

Delta R.T. -0.000 min

Lab File: BP017195.D

Acq: 15 Sep 2023 20:18

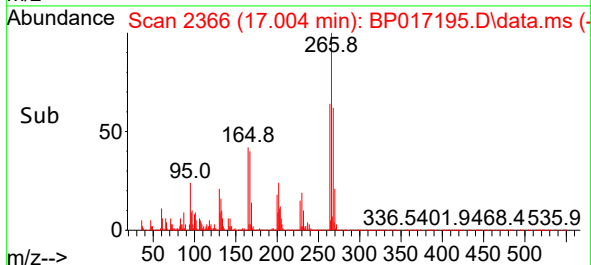
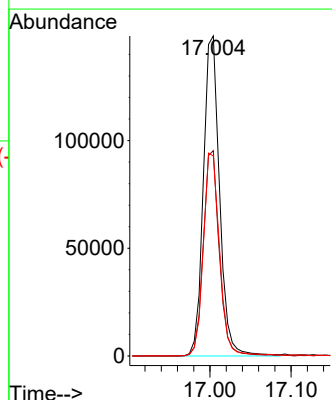
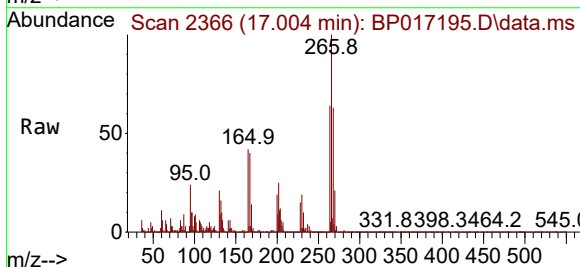
Tgt Ion:266 Resp: 205701

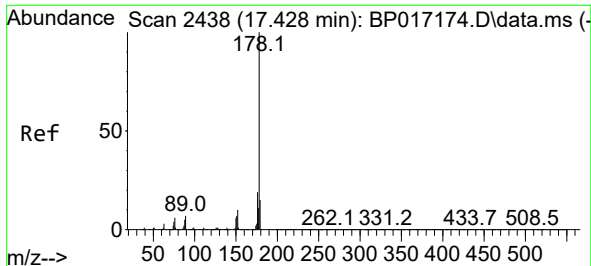
Ion Ratio Lower Upper

266 100

264 64.2 50.7 76.1

268 62.5 51.1 76.7

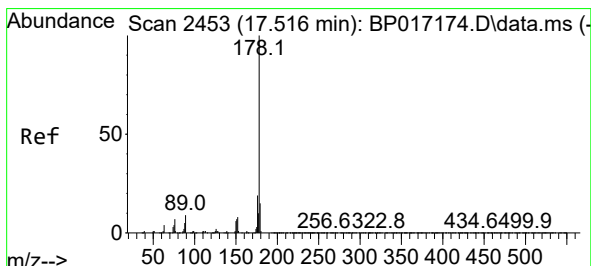
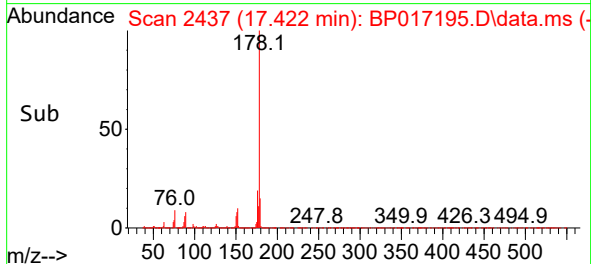
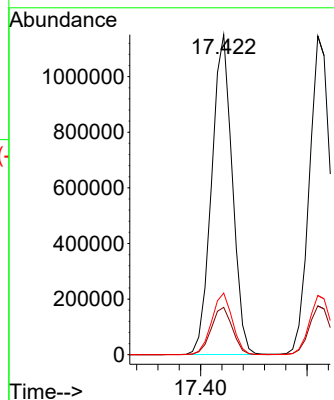
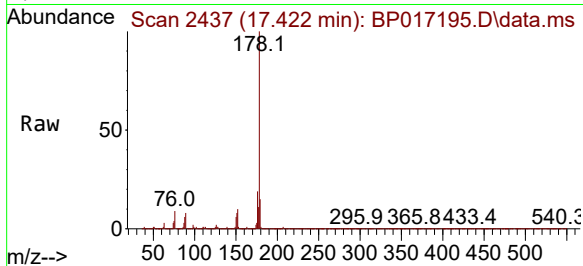




#72
Phenanthrene
Concen: 20.537 ng/ul
RT: 17.422 min Scan# 2438
Delta R.T. -0.000 min
Lab File: BP017195.D
Acq: 15 Sep 2023 20:18

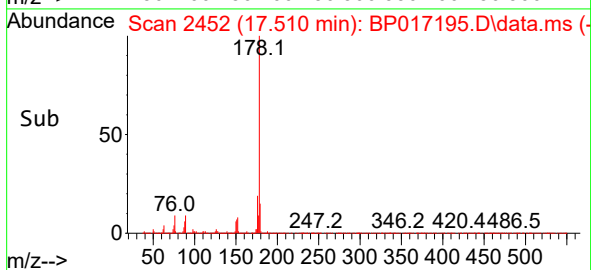
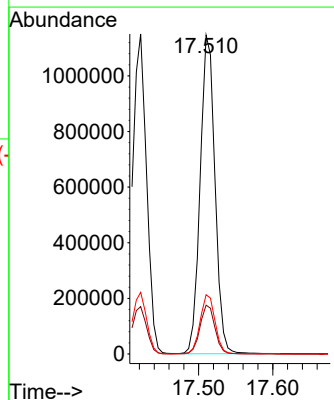
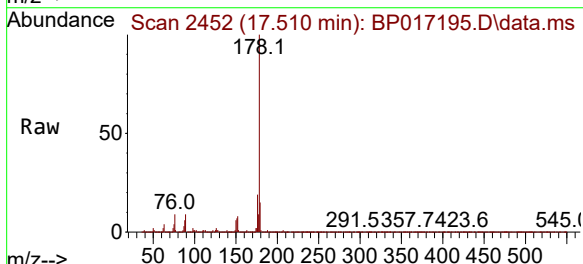
Instrument :
BNA_P
ClientSampleId :
SSTD020737

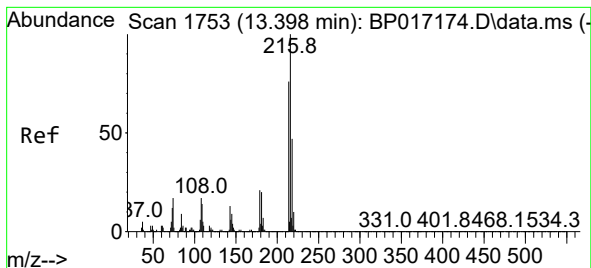
Tgt Ion:178 Resp: 1549972
Ion Ratio Lower Upper
178 100
179 14.8 12.2 18.2
176 19.2 15.6 23.4



#74
Anthracene
Concen: 20.804 ng/ul
RT: 17.510 min Scan# 2452
Delta R.T. -0.006 min
Lab File: BP017195.D
Acq: 15 Sep 2023 20:18

Tgt Ion:178 Resp: 1590189
Ion Ratio Lower Upper
178 100
179 15.3 12.4 18.6
176 18.6 14.9 22.3





#75

1,2,3,4-Tetrachlorobenzene

Concen: 20.457 ng/uL

RT: 13.393 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP017195.D

Acq: 15 Sep 2023 20:18

Instrument :

BNA_P

ClientSampleId :

SSTD020737

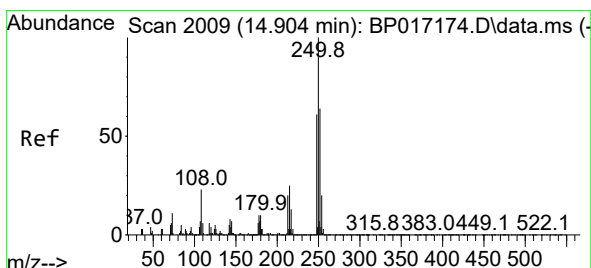
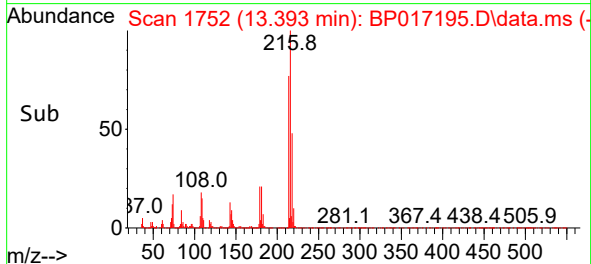
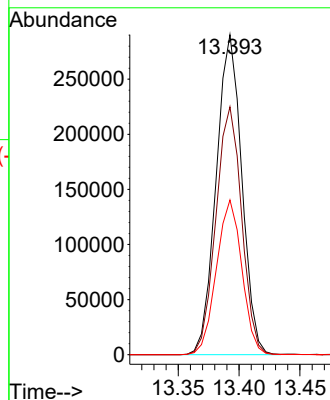
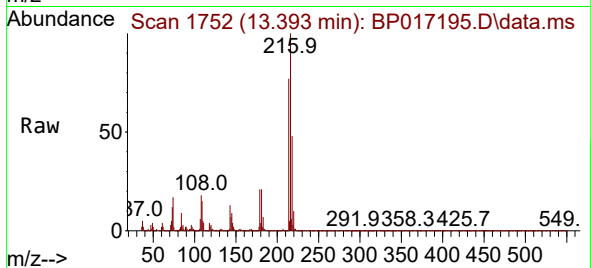
Tgt Ion:216 Resp: 424770

Ion Ratio Lower Upper

216 100

214 77.5 61.3 91.9

218 48.4 38.3 57.5



#76

Pentachlorobenzene

Concen: 20.853 ng/uL

RT: 14.898 min Scan# 2008

Delta R.T. -0.000 min

Lab File: BP017195.D

Acq: 15 Sep 2023 20:18

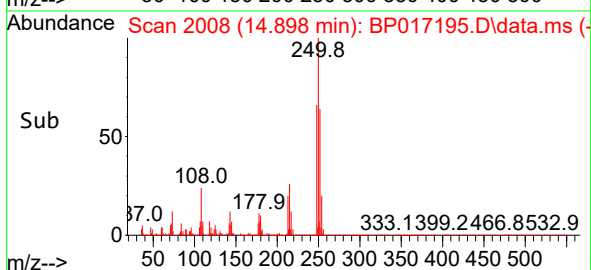
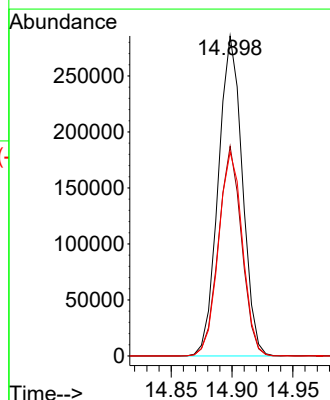
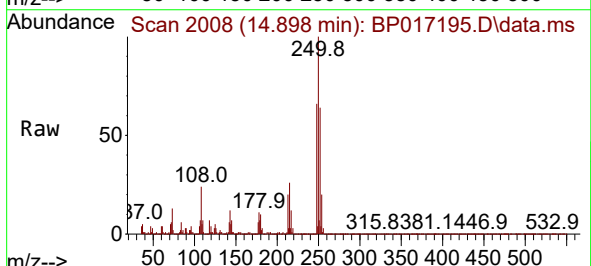
Tgt Ion:250 Resp: 392907

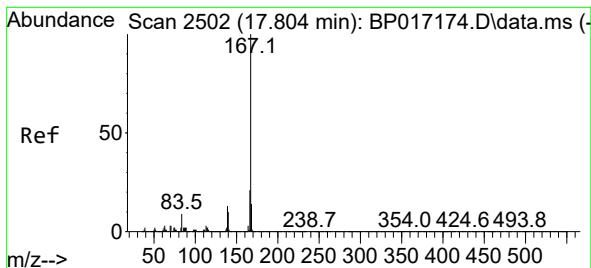
Ion Ratio Lower Upper

250 100

248 65.5 51.1 76.7

252 63.8 50.7 76.1





#77

Carbazole

Concen: 20.745 ng/ul

RT: 17.798 min Scan# 2501

Delta R.T. -0.000 min

Lab File: BP017195.D

Acq: 15 Sep 2023 20:18

Instrument :

BNA_P

ClientSampleId :

SSTD020737

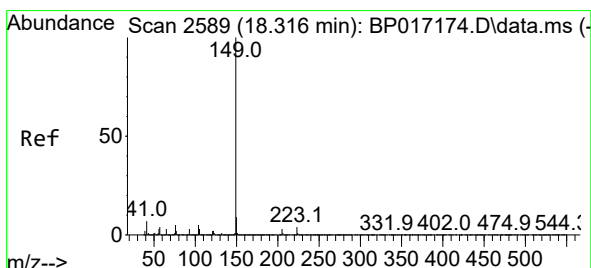
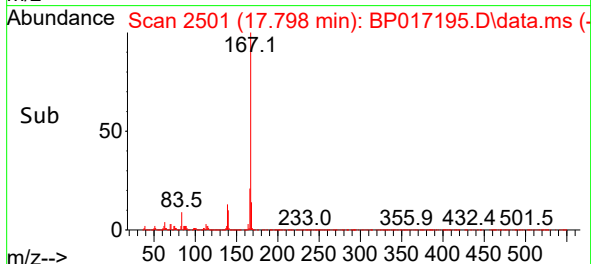
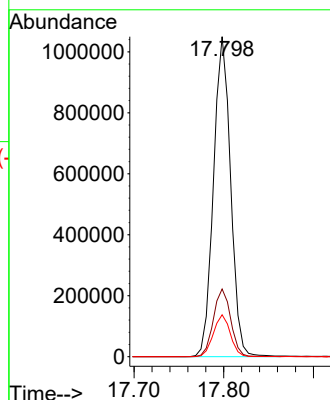
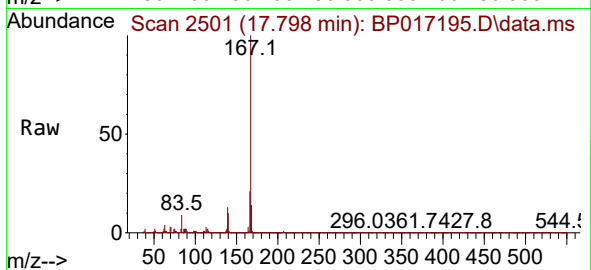
Tgt Ion:167 Resp: 1392357

Ion Ratio Lower Upper

167 100

166 21.2 17.0 25.6

139 13.1 10.4 15.6



#78

Di-n-butylphthalate

Concen: 21.537 ng/ul

RT: 18.310 min Scan# 2588

Delta R.T. -0.000 min

Lab File: BP017195.D

Acq: 15 Sep 2023 20:18

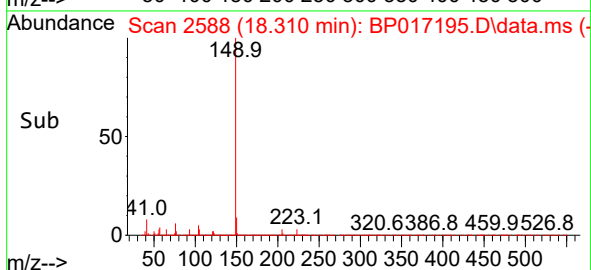
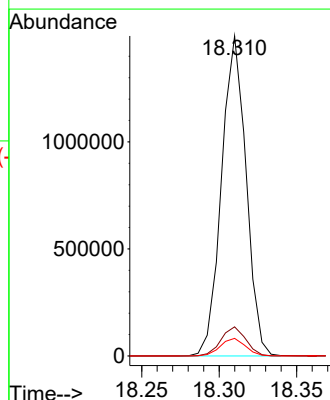
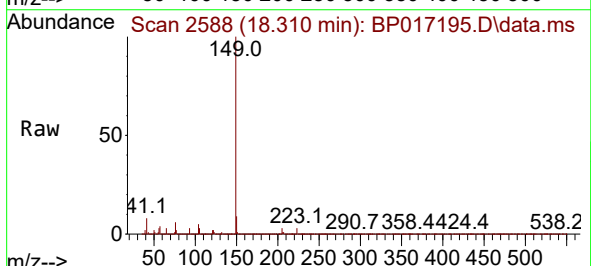
Tgt Ion:149 Resp: 1647190

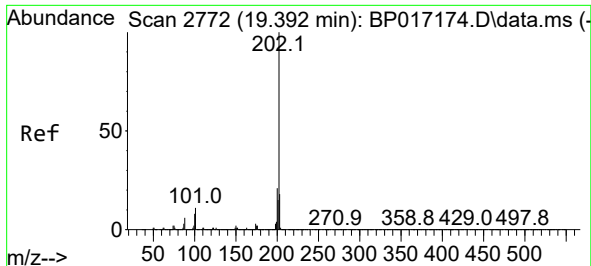
Ion Ratio Lower Upper

149 100

150 9.1 7.2 10.8

104 5.5 4.2 6.4

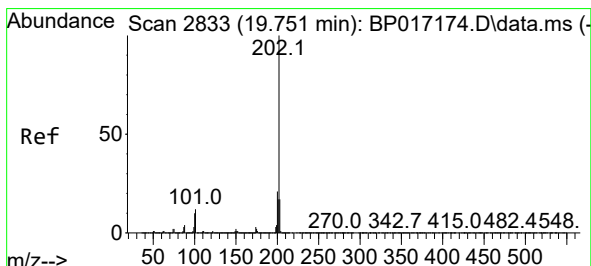
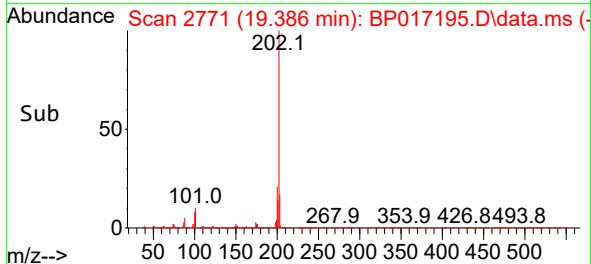
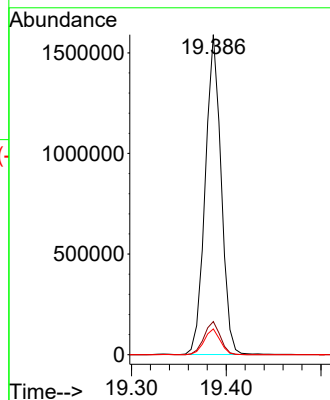
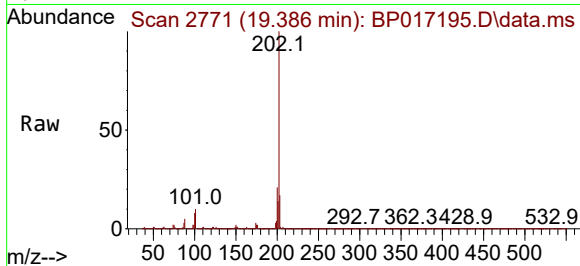




#80
Fluoranthene
Concen: 20.778 ng/ul
RT: 19.386 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP017195.D
Acq: 15 Sep 2023 20:18

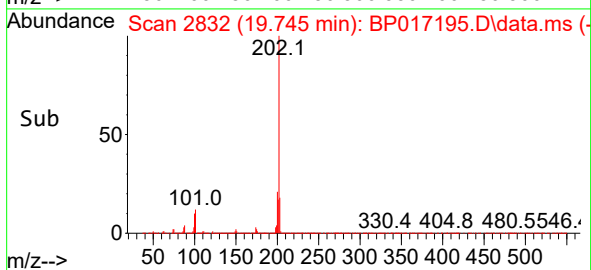
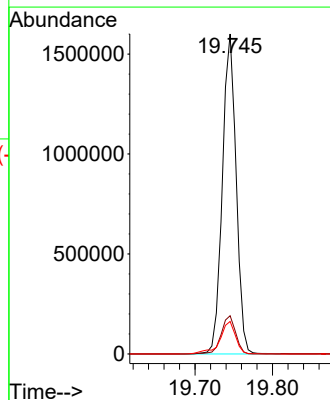
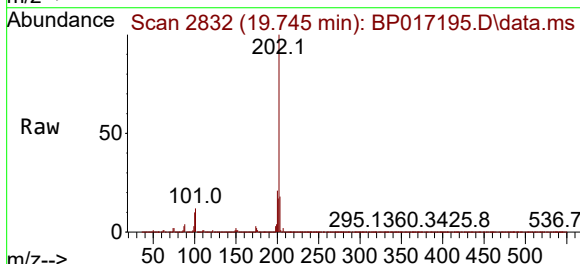
Instrument :
BNA_P
ClientSampleId :
SSTD020737

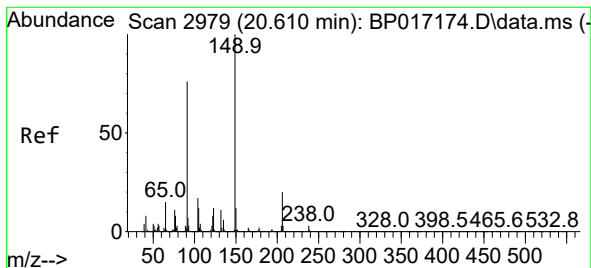
Tgt Ion:202 Resp: 1854639
Ion Ratio Lower Upper
202 100
101 10.3 8.3 12.5
100 8.1 6.4 9.6



#82
Pyrene
Concen: 20.968 ng/ul
RT: 19.745 min Scan# 2832
Delta R.T. -0.000 min
Lab File: BP017195.D
Acq: 15 Sep 2023 20:18

Tgt Ion:202 Resp: 1977623
Ion Ratio Lower Upper
202 100
101 12.0 9.7 14.5
100 10.1 7.8 11.8





#83

Butylbenzylphthalate

Concen: 21.684 ng/ul

RT: 20.604 min Scan# 2979

Delta R.T. -0.006 min

Lab File: BP017195.D

Acq: 15 Sep 2023 20:18

Instrument :

BNA_P

ClientSampleId :

SSTD020737

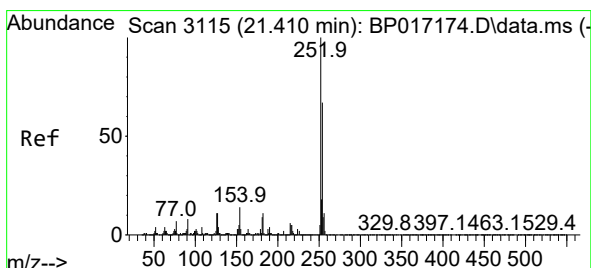
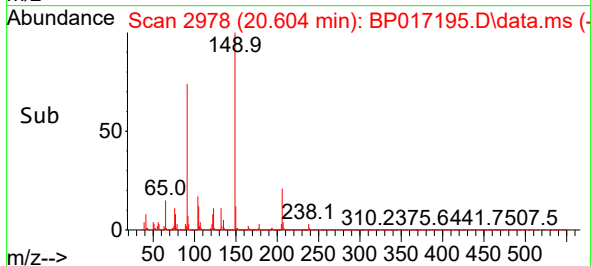
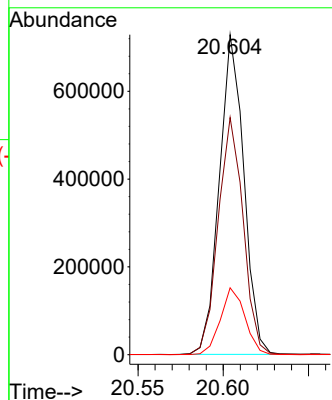
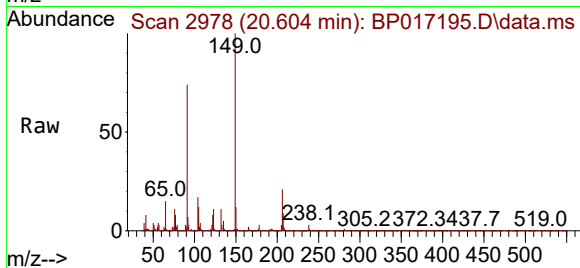
Tgt Ion:149 Resp: 729417

Ion Ratio Lower Upper

149 100

91 74.1 57.4 86.0

206 20.9 16.7 25.1



#84

3,3'-Dichlorobenzidine

Concen: 19.307 ng/ul

RT: 21.404 min Scan# 3114

Delta R.T. -0.000 min

Lab File: BP017195.D

Acq: 15 Sep 2023 20:18

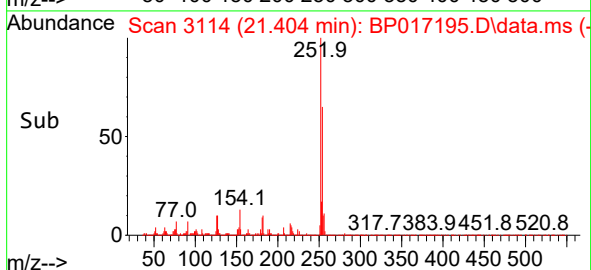
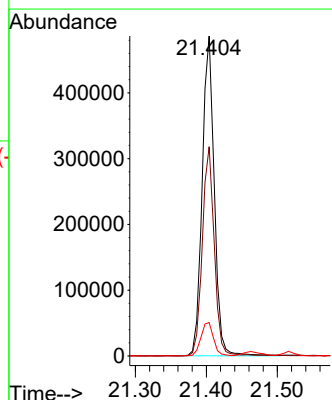
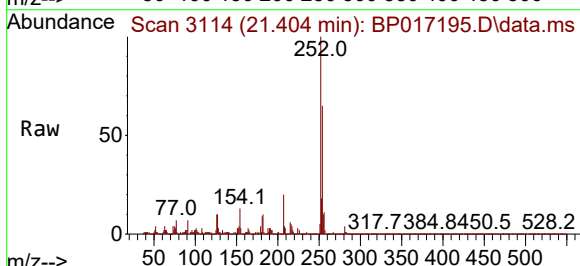
Tgt Ion:252 Resp: 576382

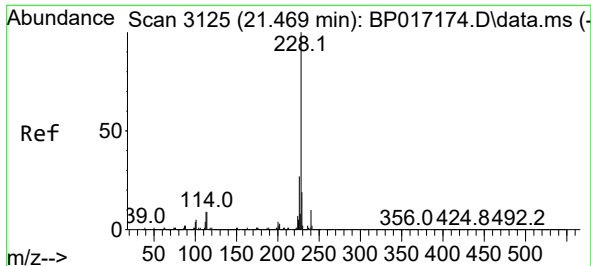
Ion Ratio Lower Upper

252 100

254 65.4 51.4 77.2

126 10.4 9.4 14.2





#85

Benzo(a)anthracene

Concen: 20.611 ng/ul

RT: 21.463 min Scan# 3125

Delta R.T. -0.000 min

Lab File: BP017195.D

Acq: 15 Sep 2023 20:18

Instrument :

BNA_P

ClientSampleId :

SSTD020737

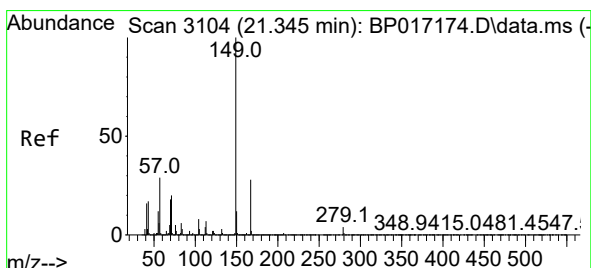
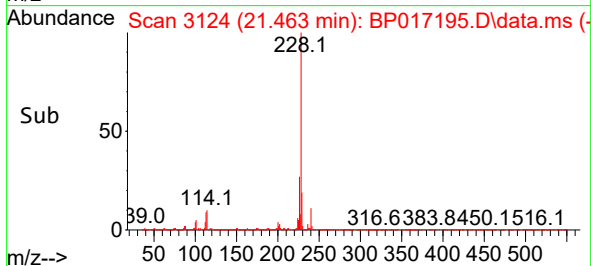
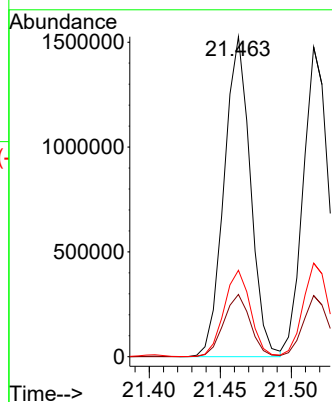
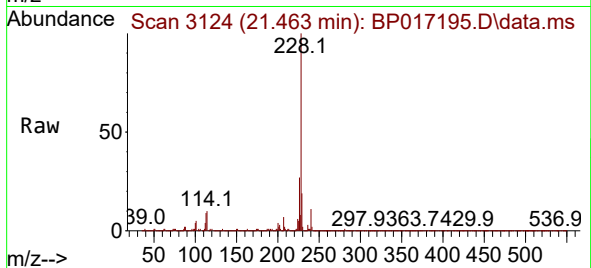
Tgt Ion:228 Resp: 1965116

Ion Ratio Lower Upper

228 100

229 19.4 16.1 24.1

226 27.0 22.2 33.4



#86

Bis(2-ethylhexyl)phthalate

Concen: 22.302 ng/ul

RT: 21.339 min Scan# 3103

Delta R.T. -0.006 min

Lab File: BP017195.D

Acq: 15 Sep 2023 20:18

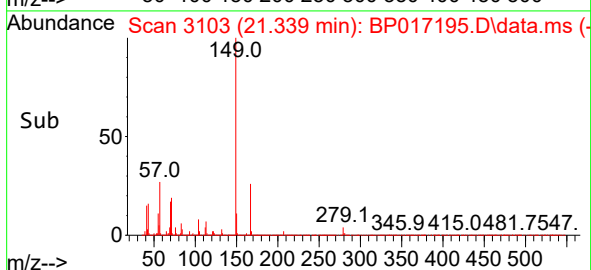
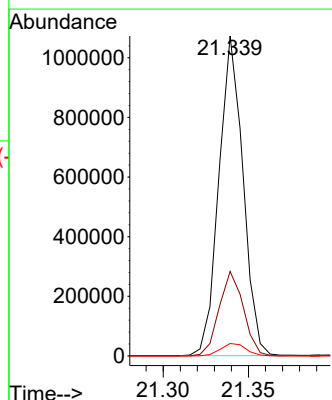
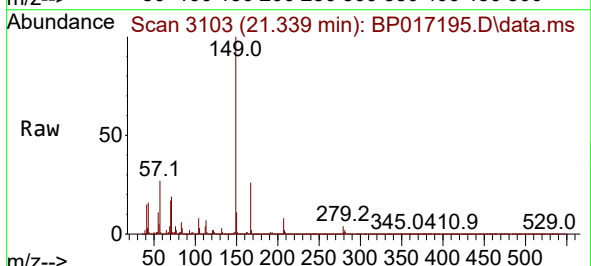
Tgt Ion:149 Resp: 1053095

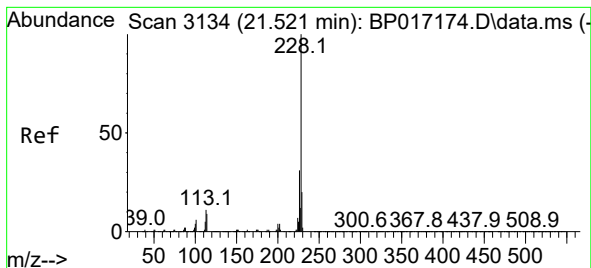
Ion Ratio Lower Upper

149 100

167 26.4 21.3 31.9

279 3.9 3.4 5.2





#87

Chrysene

Concen: 20.583 ng/ul

RT: 21.516 min Scan# 3134

Delta R.T. -0.006 min

Lab File: BP017195.D

Acq: 15 Sep 2023 20:18

Instrument :

BNA_P

ClientSampleId :

SSTD020737

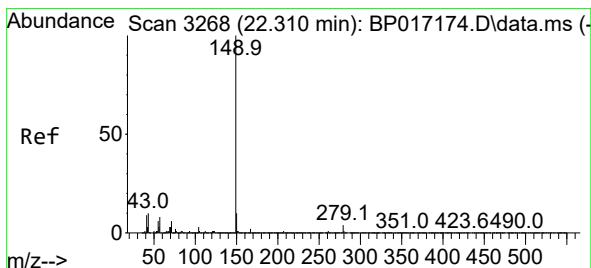
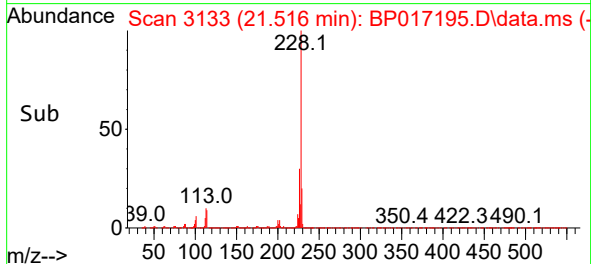
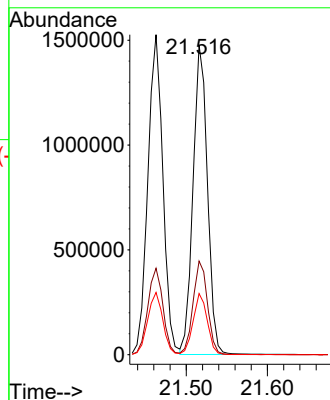
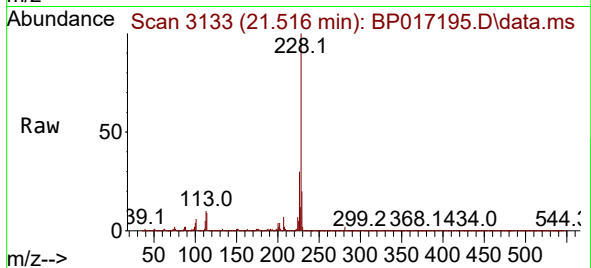
Tgt Ion:228 Resp: 1825500

Ion Ratio Lower Upper

228 100

226 30.2 23.9 35.9

229 19.8 15.3 22.9



#89

Di-n-octyl phthalate

Concen: 21.353 ng/ul

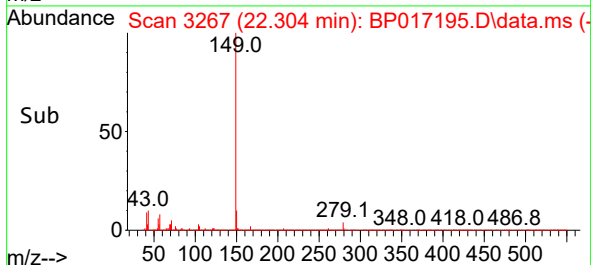
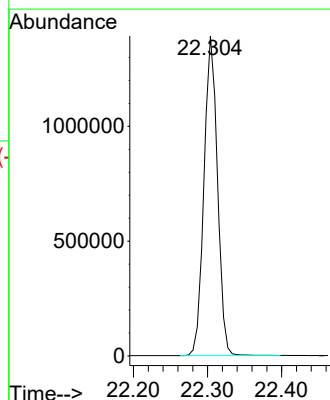
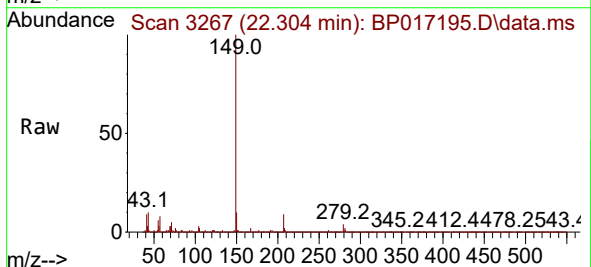
RT: 22.304 min Scan# 3267

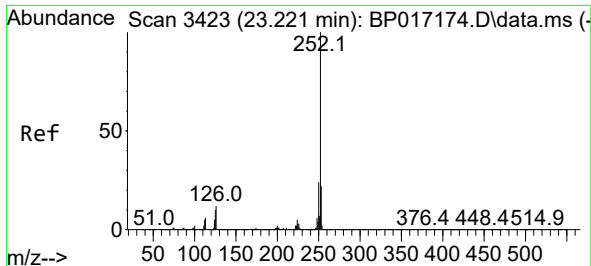
Delta R.T. -0.000 min

Lab File: BP017195.D

Acq: 15 Sep 2023 20:18

Tgt Ion:149 Resp: 1758035

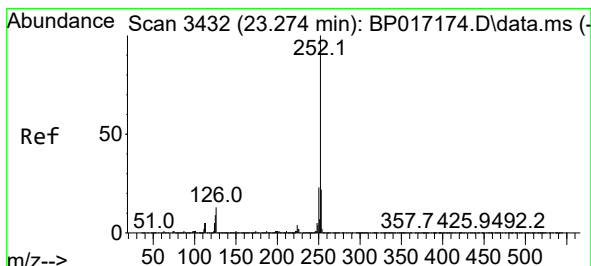
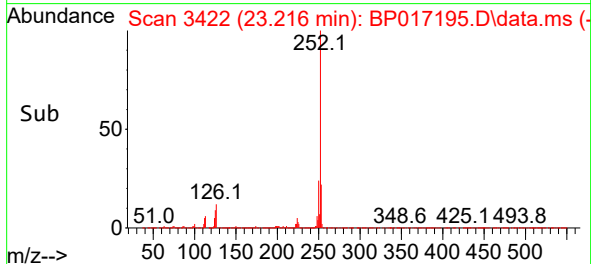
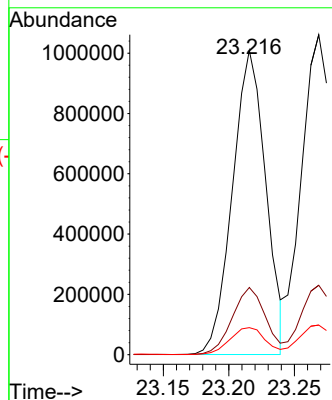
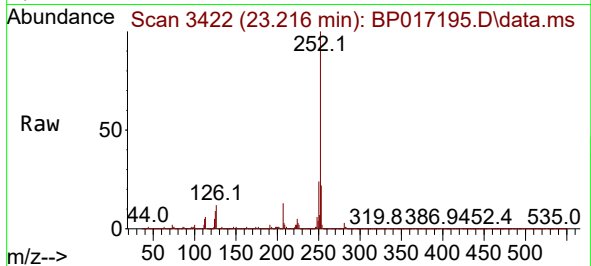




#90
Benzo(b)fluoranthene
Concen: 20.359 ng/ul
RT: 23.216 min Scan# 3422
Delta R.T. -0.000 min
Lab File: BP017195.D
Acq: 15 Sep 2023 20:18

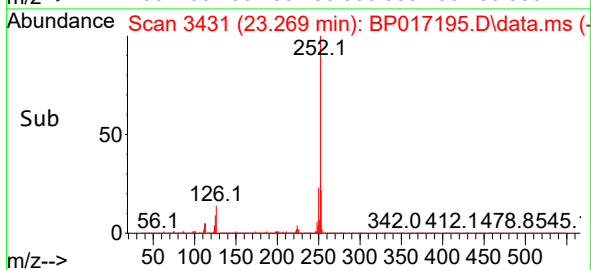
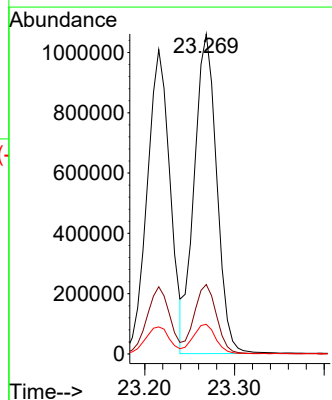
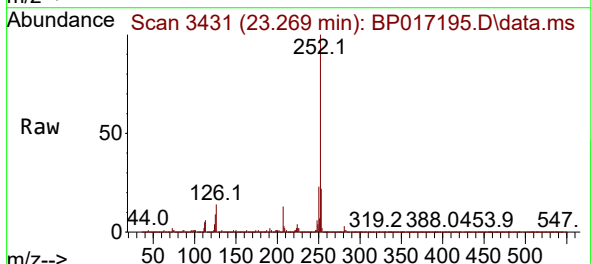
Instrument :
BNA_P
ClientSampleId :
SSTD020737

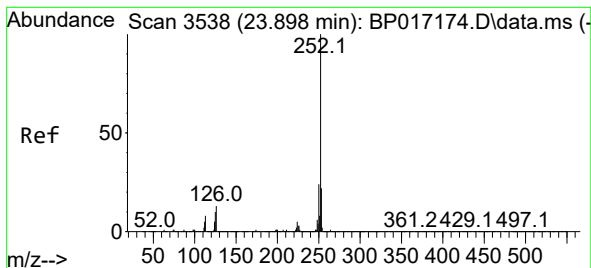
Tgt Ion:252 Resp: 1781938
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.2
125 8.9 7.5 11.3



#91
Benzo(k)fluoranthene
Concen: 21.172 ng/ul
RT: 23.269 min Scan# 3431
Delta R.T. -0.000 min
Lab File: BP017195.D
Acq: 15 Sep 2023 20:18

Tgt Ion:252 Resp: 1842200
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.6
125 9.3 7.4 11.2





#93

Benzo(a)pyrene

Concen: 20.590 ng/ul

RT: 23.886 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP017195.D

Acq: 15 Sep 2023 20:18

Instrument :

BNA_P

ClientSampleId :

SSTD020737

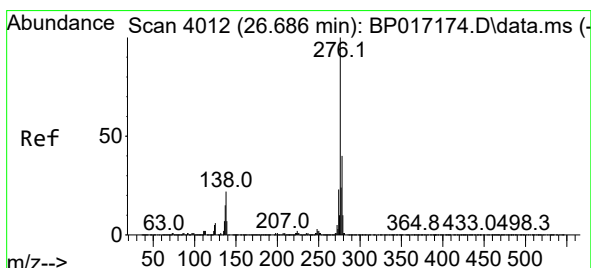
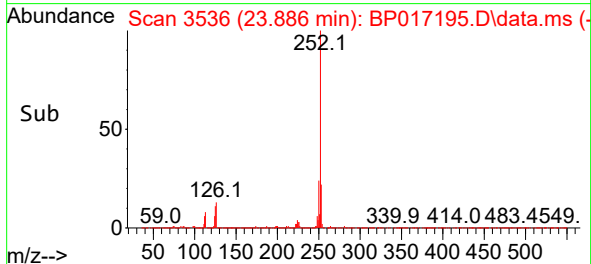
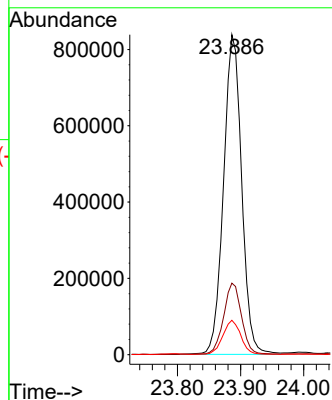
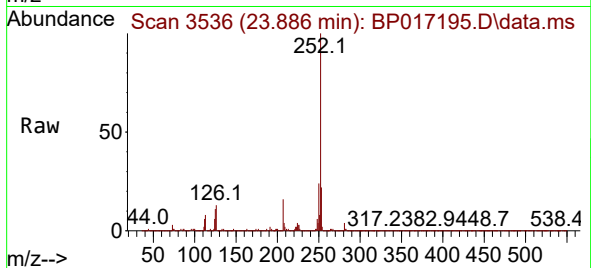
Tgt Ion:252 Resp: 1671939

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

125 10.7 8.1 12.1



#94

Indeno(1,2,3-cd)pyrene

Concen: 20.928 ng/ul

RT: 26.674 min Scan# 4010

Delta R.T. -0.000 min

Lab File: BP017195.D

Acq: 15 Sep 2023 20:18

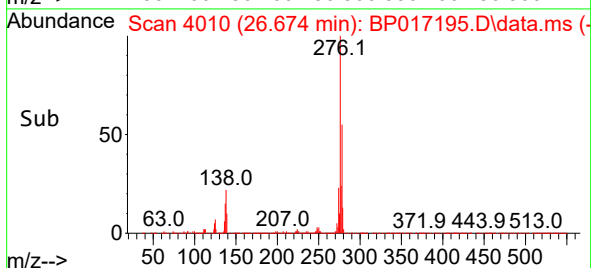
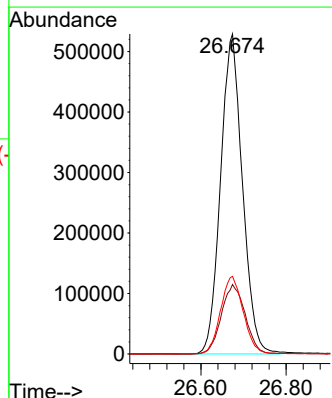
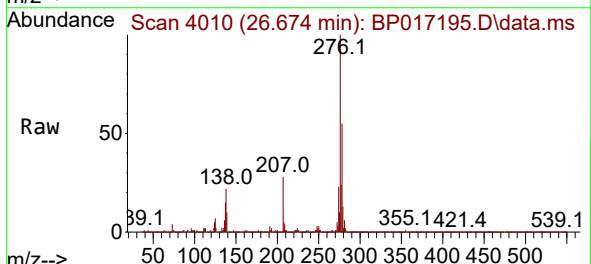
Tgt Ion:276 Resp: 1881771

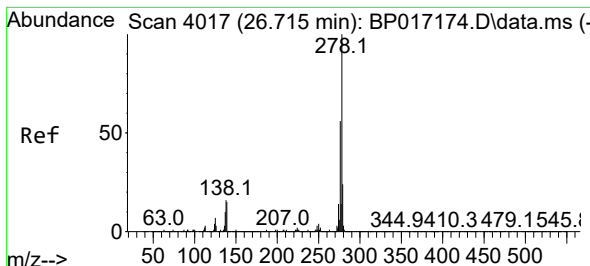
Ion Ratio Lower Upper

276 100

138 21.7 17.5 26.3

277 24.3 19.6 29.4





#95

Dibenzo(a,h)anthracene

Concen: 20.835 ng/ul

RT: 26.698 min Scan# 4017

Delta R.T. -0.000 min

Lab File: BP017195.D

Acq: 15 Sep 2023 20:18

Instrument :

BNA_P

ClientSampleId :

SSTD020737

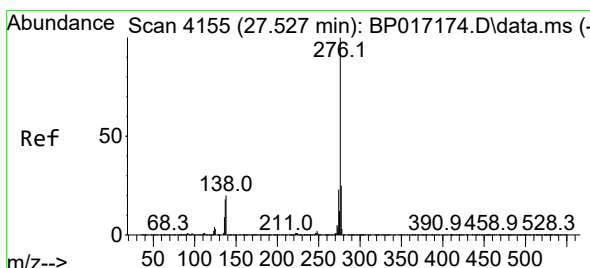
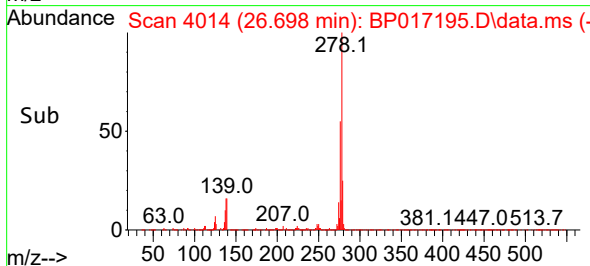
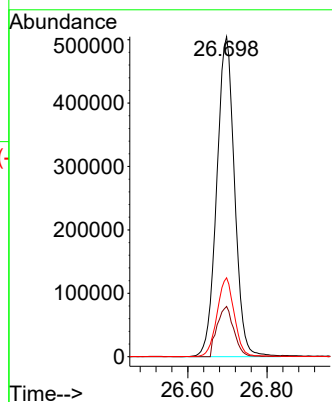
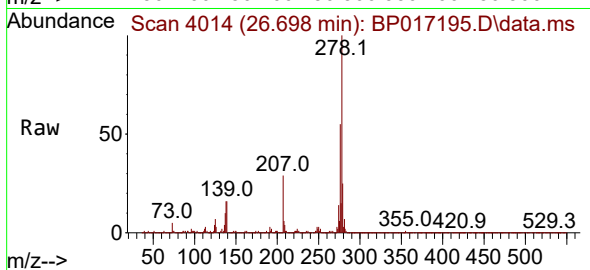
Tgt Ion:278 Resp: 1573769

Ion Ratio Lower Upper

278 100

139 15.7 11.9 17.9

279 24.7 19.0 28.6



#96

Benzo(g,h,i)perylene

Concen: 20.872 ng/ul

RT: 27.509 min Scan# 4152

Delta R.T. -0.000 min

Lab File: BP017195.D

Acq: 15 Sep 2023 20:18

Tgt Ion:276 Resp: 1451223

Ion Ratio Lower Upper

276 100

138 19.2 16.2 24.4

277 23.4 19.6 29.4

