

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
 Data File : BP017114.D
 Acq On : 12 Sep 2023 12:30
 Operator : MA/JU
 Sample : SSTD00549
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD005610

Quant Time: Sep 12 22:46:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 12 22:45:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	264999	20.000	ng/u1	0.00
20) Naphthalene-d8	10.781	136	1137426	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.616	164	728194	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.387	188	1653317	20.000	ng/u1	0.00
79) Chrysene-d12	21.486	240	1525821	20.000	ng/u1	0.00
88) Perylene-d12	24.016	264	1541738	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.317	96	12620	2.001	ng/uL	0.00
4) Pyridine-d5	3.752	84	80602	4.468	ng/u1	0.00
7) Phenol-d5	7.105	99	94094	4.367	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	65673	4.876	ng/u1	0.00
11) 2-Chlorophenol-d4	7.475	132	76601	4.456	ng/u1	0.00
15) 4-Methylphenol-d8	8.663	113	75954	4.253	ng/u1	0.00
21) Nitrobenzene-d5	9.152	128	33773	4.240	ng/u1	0.00
24) 2-Nitrophenol-d4	9.869	143	34136	4.015	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.393	165	71516	4.349	ng/u1	0.00
31) 4-Chloroaniline-d4	10.946	131	112590	4.543	ng/u1	0.00
46) Dimethylphthalate-d6	14.028	166	241055	4.652	ng/u1	0.00
49) Acenaphthylene-d8	14.316	160	261972	4.455	ng/u1	0.00
54) 4-Nitrophenol-d4	14.834	143	34227	3.417	ng/u1	0.00
60) Fluorene-d10	15.610	176	210578	4.700	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.740	200	27475	2.974	ng/u1	0.00
73) Anthracene-d10	17.487	188	324593	4.621	ng/u1	0.00
81) Pyrene-d10	19.722	212	369279	4.615	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.845	264	324128	4.454	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.352	88	13320	1.964	ng/uL	96
5) Pyridine	3.776	79	87660	4.691	ng/u1	97
6) Benzaldehyde	7.117	77	66435	5.538	ng/u1	97
8) Phenol	7.134	94	103525	4.555	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.393	93	87479	4.826	ng/u1	98
12) 2-Chlorophenol	7.511	128	79415	4.551	ng/u1	98
13) 2-Methylphenol	8.399	108	74332	4.387	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.469	45	76023	3.337	ng/u1	99
16) Acetophenone	8.805	105	131677	4.711	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.775	70	65214	4.540	ng/u1	98
18) 4-Methylphenol	8.728	108	82490	4.401	ng/u1	96
19) Hexachloroethane	9.022	117	34201	4.766	ng/u1	94
22) Nitrobenzene	9.199	77	96004	4.629	ng/u1	96
23) Isophorone	9.710	82	176273	4.535	ng/u1	97
25) 2-Nitrophenol	9.899	139	40003	4.233	ng/u1	94
26) 2,4-Dimethylphenol	9.940	107	92688	4.813	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.199	93	119860	4.920	ng/u1	98
29) 2,4-Dichlorophenol	10.422	162	78421	4.711	ng/u1	97
30) Naphthalene	10.834	128	283107	4.919	ng/u1	100
32) 4-Chloroaniline	10.969	127	113380	4.688	ng/u1	100
33) Hexachlorobutadiene	11.063	225	55611	4.920	ng/u1	98
34) Caprolactam	11.781	113	20043	3.983	ng/u1	98
35) 4-Chloro-3-methylphenol	12.069	107	79515	4.415	ng/u1	96
36) 2-Methylnaphthalene	12.440	142	183912	4.735	ng/u1	98

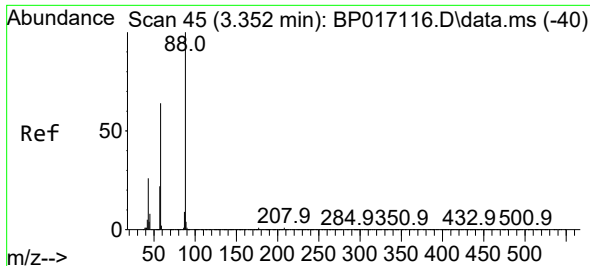
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.657	142	186746	4.750	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.787	216	102042	4.705	ng/ul	99
40) Hexachlorocyclopentadiene	12.734	237	47020	3.480	ng/ul	98
41) 2,4,6-Trichlorophenol	13.046	196	60877	4.418	ng/ul	97
42) 2,4,5-Trichlorophenol	13.110	196	64477	4.402	ng/ul	95
43) 1,1'-Biphenyl	13.446	154	256136	4.905	ng/ul	98
44) 2-Chloronaphthalene	13.493	162	201363	4.856	ng/ul	99
45) 2-Nitroaniline	13.734	65	44025	3.920	ng/ul	97
47) Dimethylphthalate	14.075	163	253255	4.814	ng/ul	100
48) 2,6-Dinitrotoluene	14.181	165	55	0.006	ng/ul	87
50) Acenaphthylene	14.346	152	318323	4.686	ng/ul	100
51) 3-Nitroaniline	14.563	138	40453	3.932	ng/ul	99
52) Acenaphthene	14.681	153	219382	4.881	ng/ul	98
53) 2,4-Dinitrophenol	14.763	184	15469	2.296	ng/ul	94
55) 4-Nitrophenol	14.845	109	28077	3.503	ng/ul	94
56) Dibenzofuran	15.016	168	308196	4.962	ng/ul	100
57) 2,4-Dinitrotoluene	15.004	165	55981	3.909	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	15.234	232	56158	4.370	ng/ul#	99
59) Diethylphthalate	15.434	149	245186	4.721	ng/ul	100
61) Fluorene	15.669	166	254459	4.955	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.657	204	129594	4.963	ng/ul	98
63) 4-Nitroaniline	15.728	138	37067	3.875	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.757	198	33204	3.349	ng/ul#	97
67) N-Nitrosodiphenylamine	15.887	169	206287	4.799	ng/ul	99
68) 4-Bromophenyl-phenylether	16.563	248	73637	4.672	ng/ul	98
69) Hexachlorobenzene	16.645	284	89605	4.804	ng/ul	97
70) Atrazine	16.840	200	67169	4.316	ng/ul	98
71) Pentachlorophenol	17.010	266	44186	3.645	ng/ul	99
72) Phenanthrene	17.428	178	406608	4.894	ng/ul	99
74) Anthracene	17.522	178	403196	4.791	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.399	216	107832	4.717	ng/uL	99
76) Pentachlorobenzene	14.910	250	99621	4.803	ng/uL	95
77) Carbazole	17.804	167	345005	4.669	ng/ul	99
78) Di-n-butylphthalate	18.316	149	359589	4.271	ng/ul	98
80) Fluoranthene	19.392	202	448657	4.797	ng/ul	98
82) Pyrene	19.751	202	486065	4.918	ng/ul	98
83) Butylbenzylphthalate	20.616	149	144028	4.086	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.410	252	121914	3.897	ng/ul	98
85) Benzo(a)anthracene	21.469	228	472186	4.726	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.345	149	196783	3.977	ng/ul	99
87) Chrysene	21.522	228	447919	4.820	ng/ul	99
89) Di-n-octyl phthalate	22.316	149	322220	3.769	ng/ul	100
90) Benzo(b)fluoranthene	23.222	252	424310	4.669	ng/ul	99
91) Benzo(k)fluoranthene	23.274	252	423906	4.692	ng/ul	98
93) Benzo(a)pyrene	23.898	252	385646	4.574	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.686	276	413567	4.430	ng/ul	98
95) Dibenzo(a,h)anthracene	26.710	278	344980	4.399	ng/ul	98
96) Benzo(g,h,i)perylene	27.521	276	325152	4.504	ng/ul	99

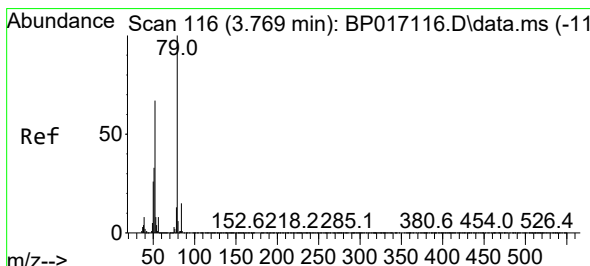
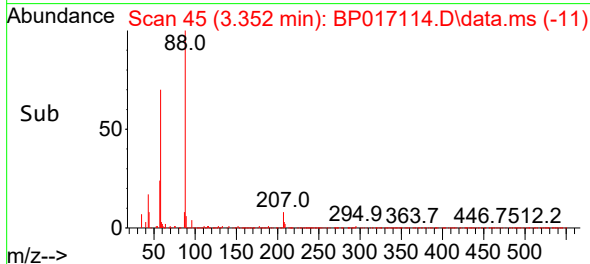
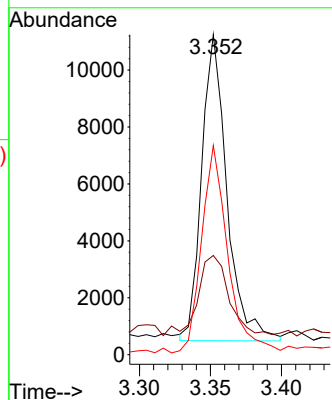
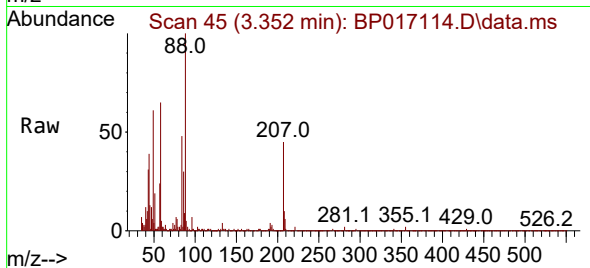
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#2
1,4-Dioxane
Concen: 1.964 ng/uL
RT: 3.352 min Scan# 41
Delta R.T. 0.000 min
Lab File: BP017114.D
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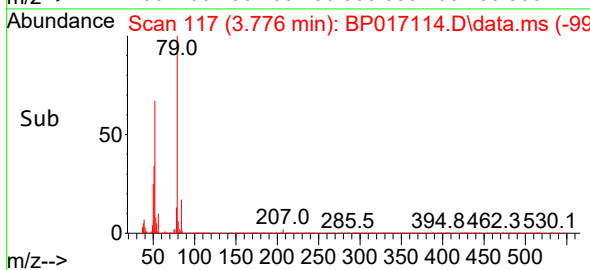
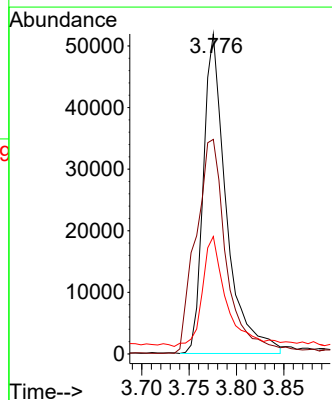
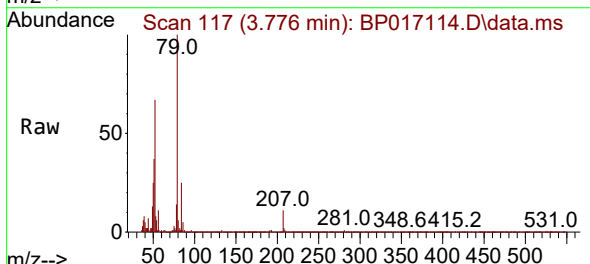
Instrument :
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ClientSampleId :
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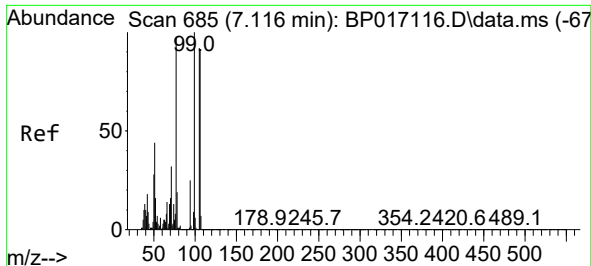
Tgt Ion: 88 Resp: 13320
Ion Ratio Lower Upper
88 100
43 31.0 21.9 32.9
58 65.4 50.8 76.2



#5
Pyridine
Concen: 4.691 ng/uL
RT: 3.776 min Scan# 117
Delta R.T. 0.006 min
Lab File: BP017114.D
Acq: 12 Sep 2023 12:30

Tgt Ion: 79 Resp: 87660
Ion Ratio Lower Upper
79 100
52 67.1 54.5 81.7
51 36.7 27.0 40.6

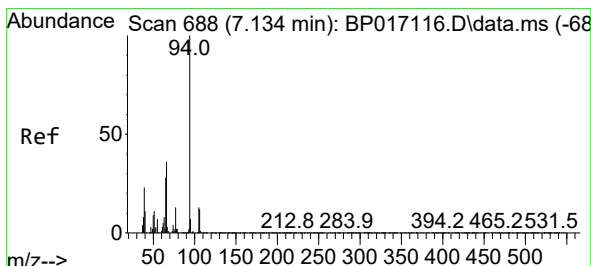
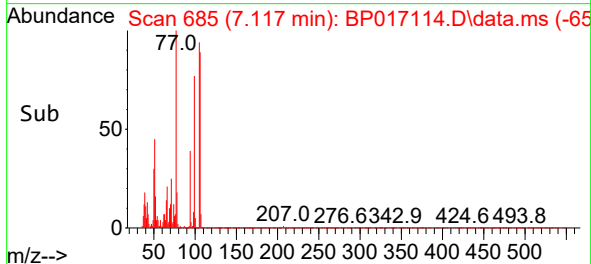
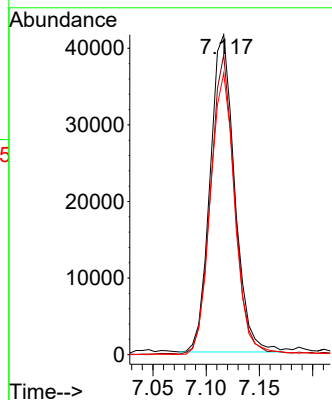
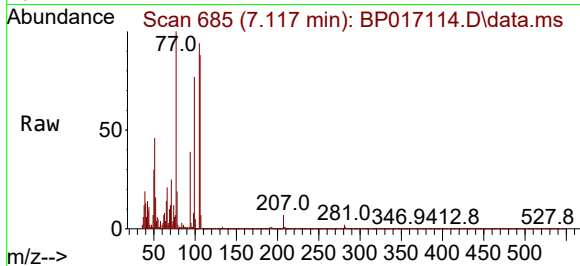




#6
Benzaldehyde
Concen: 5.538 ng/ul
RT: 7.117 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP017114.D
Acq: 12 Sep 2023 12:30

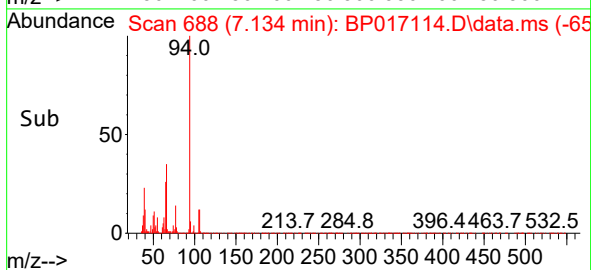
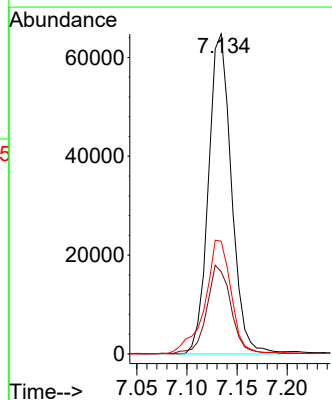
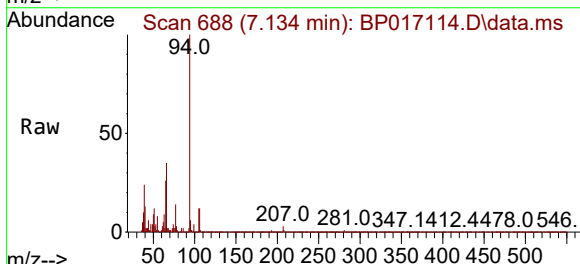
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ClientSampleId :
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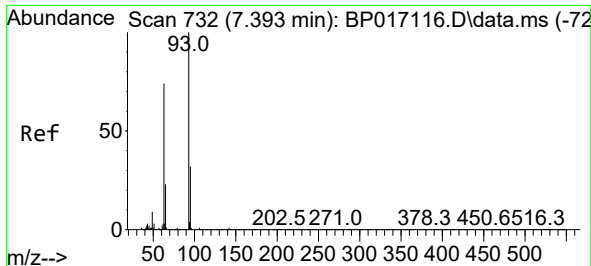
Tgt Ion: 77 Resp: 66435
Ion Ratio Lower Upper
77 100
105 93.7 75.3 112.9
106 88.0 74.6 111.8



#8
Phenol
Concen: 4.555 ng/ul
RT: 7.134 min Scan# 688
Delta R.T. 0.000 min
Lab File: BP017114.D
Acq: 12 Sep 2023 12:30

Tgt Ion: 94 Resp: 103525
Ion Ratio Lower Upper
94 100
65 25.7 22.7 34.1
66 35.2 29.6 44.4

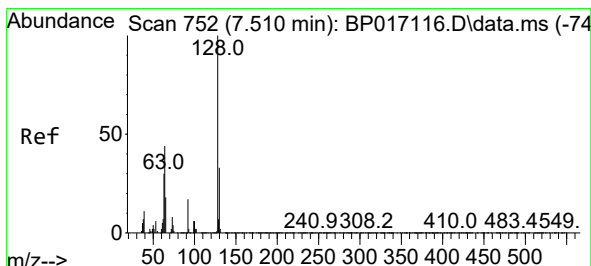
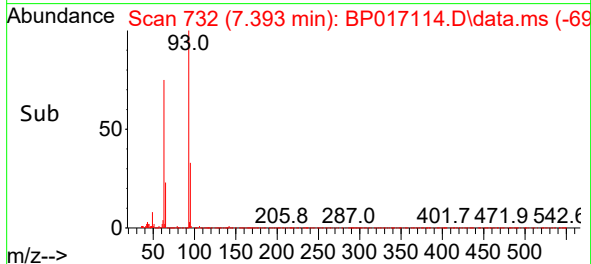
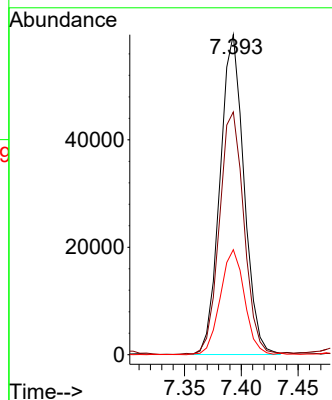
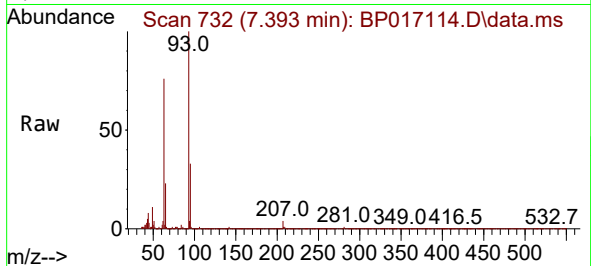




#10
 Bis(2-Chloroethyl)ether
 Concen: 4.826 ng/ul
 RT: 7.393 min Scan# 732
 Delta R.T. 0.000 min
 Lab File: BP017114.D
 Acq: 12 Sep 2023 12:30

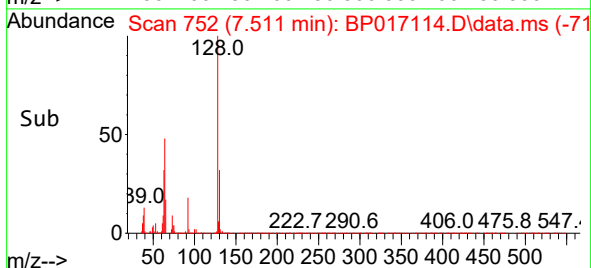
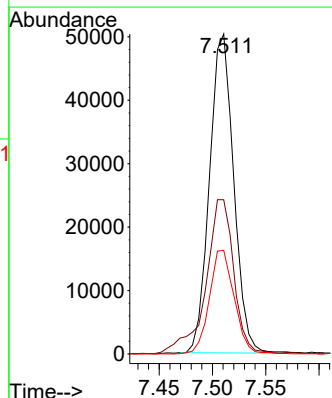
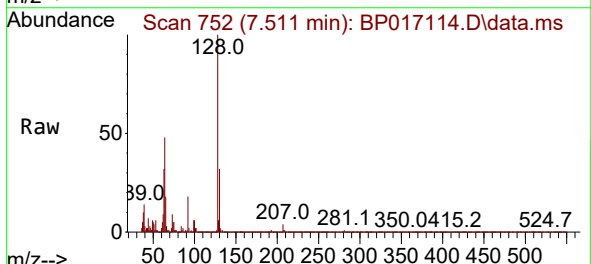
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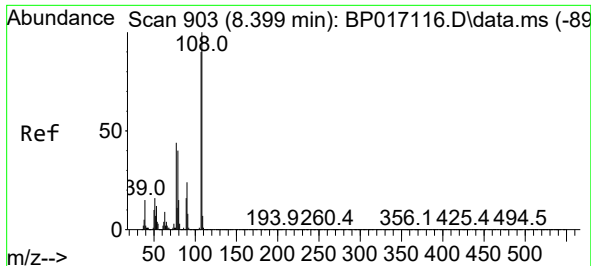
Tgt Ion: 93 Resp: 87479
 Ion Ratio Lower Upper
 93 100
 63 75.9 59.5 89.3
 95 32.8 25.8 38.6



#12
 2-Chlorophenol
 Concen: 4.551 ng/ul
 RT: 7.511 min Scan# 752
 Delta R.T. 0.000 min
 Lab File: BP017114.D
 Acq: 12 Sep 2023 12:30

Tgt Ion: 128 Resp: 79415
 Ion Ratio Lower Upper
 128 100
 64 48.2 36.8 55.2
 130 32.4 26.3 39.5





#13

2-Methylphenol

Concen: 4.387 ng/ul

RT: 8.399 min Scan# 903

Delta R.T. 0.000 min

Lab File: BP017114.D

Acq: 12 Sep 2023 12:30

Instrument :

BNA_P

ClientSampleId :

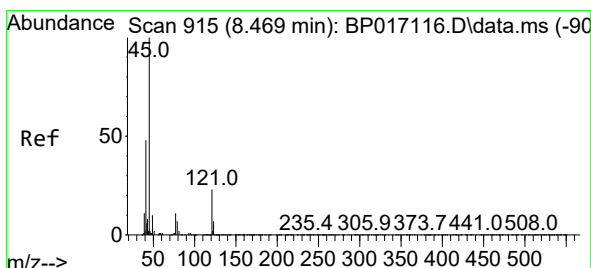
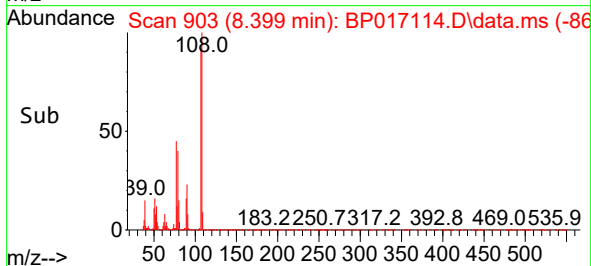
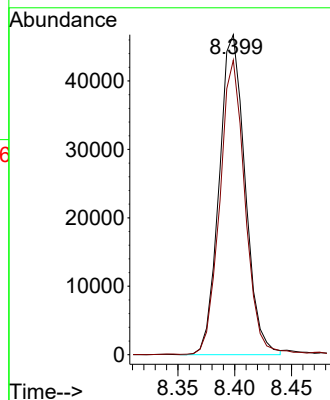
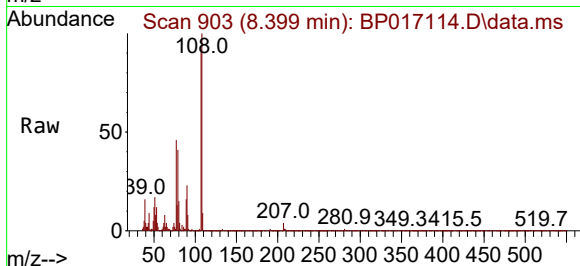
SSTD005610

Tgt Ion:108 Resp: 74332

Ion Ratio Lower Upper

108 100

107 92.0 72.2 108.4



#14

2,2'-oxybis(1-Chloropropane)

Concen: 3.337 ng/ul

RT: 8.469 min Scan# 915

Delta R.T. 0.000 min

Lab File: BP017114.D

Acq: 12 Sep 2023 12:30

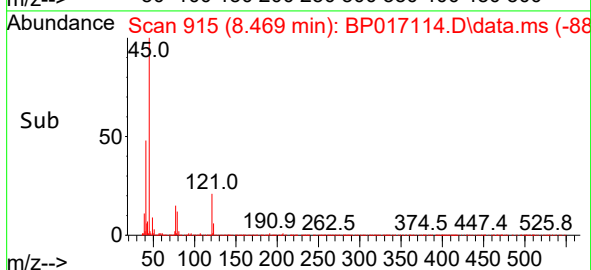
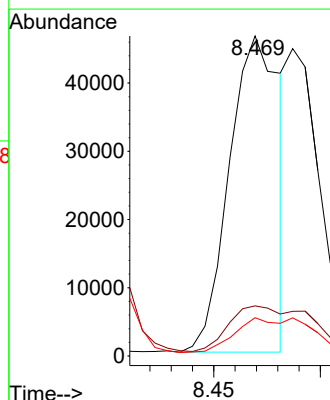
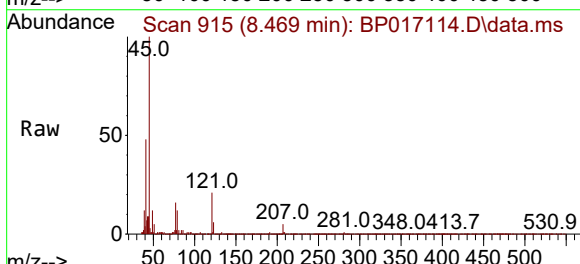
Tgt Ion: 45 Resp: 76023

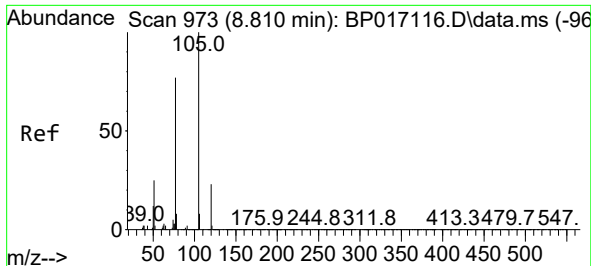
Ion Ratio Lower Upper

45 100

77 15.6 12.5 18.7

79 11.9 8.8 13.2

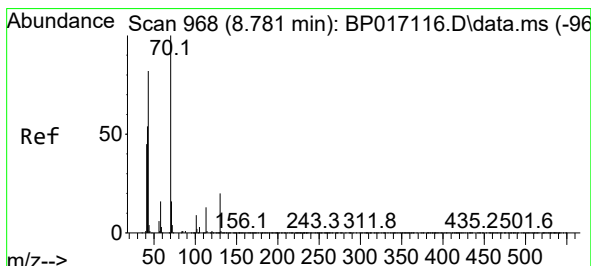
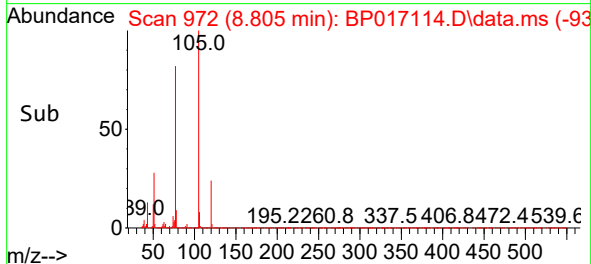
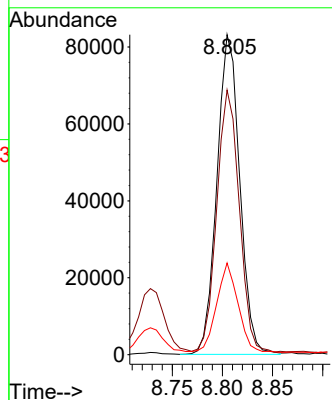
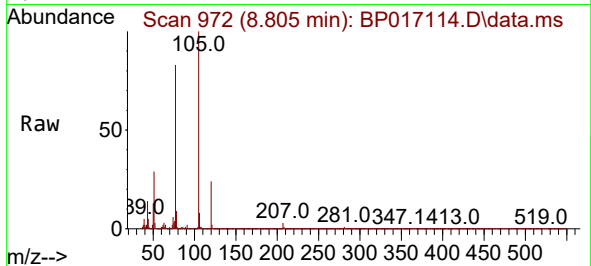




#16
Acetophenone
Concen: 4.711 ng/ul
RT: 8.805 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP017114.D
Acq: 12 Sep 2023 12:30

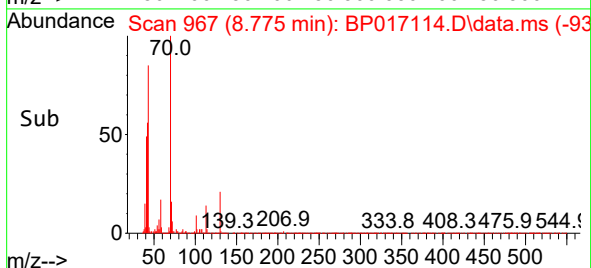
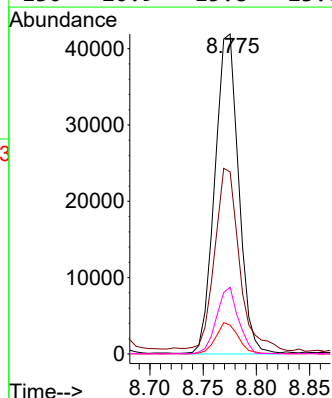
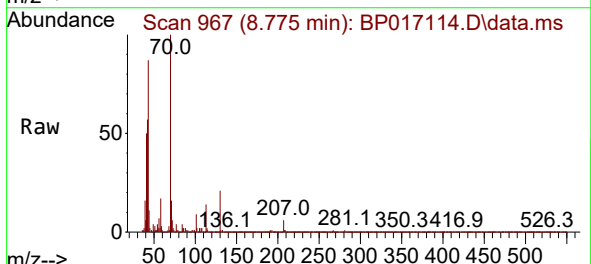
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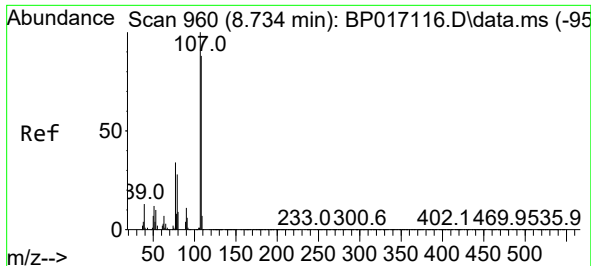
Tgt Ion:105 Resp: 131677
Ion Ratio Lower Upper
105 100
77 82.7 63.0 94.4
51 28.6 20.5 30.7



#17
N-Nitroso-di-n-propylamine
Concen: 4.540 ng/ul
RT: 8.775 min Scan# 967
Delta R.T. -0.006 min
Lab File: BP017114.D
Acq: 12 Sep 2023 12:30

Tgt Ion: 70 Resp: 65214
Ion Ratio Lower Upper
70 100
42 56.9 43.9 65.9
101 9.0 7.0 10.4
130 20.9 15.8 23.6

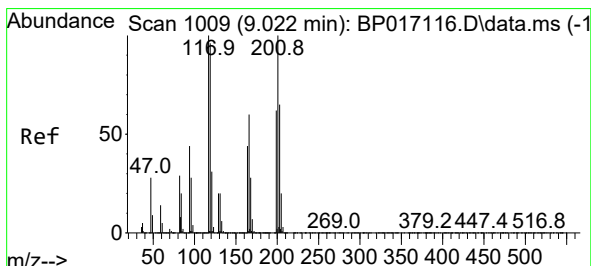
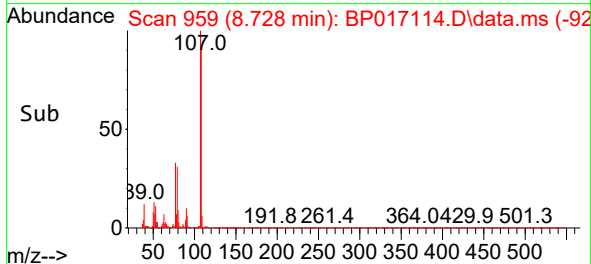
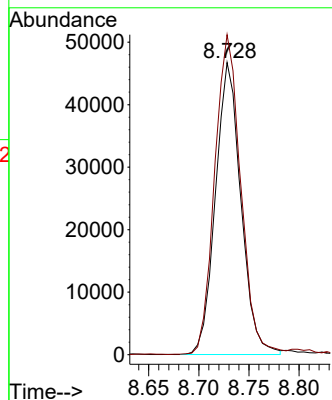
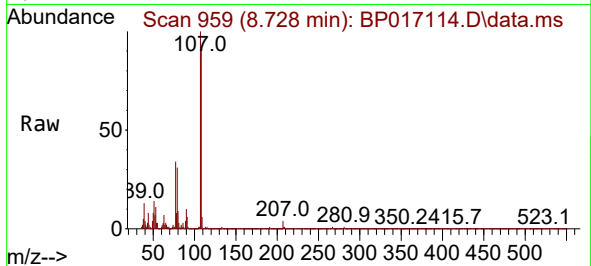




#18
4-Methylphenol
Concen: 4.401 ng/ul
RT: 8.728 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP017114.D
Acq: 12 Sep 2023 12:30

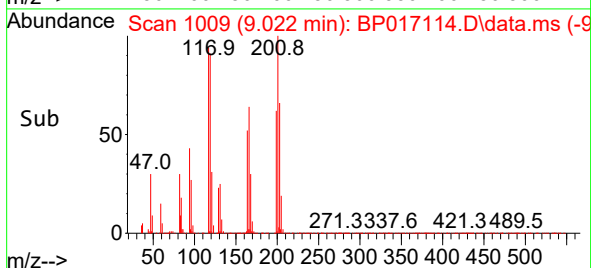
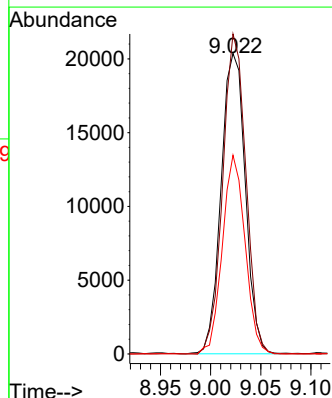
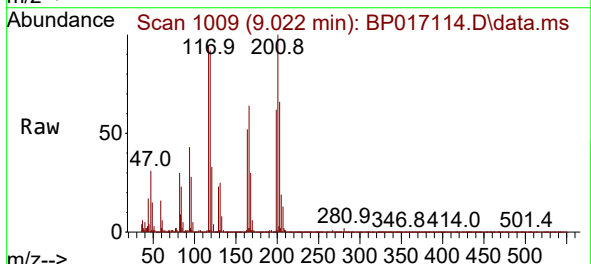
Instrument :
BNA_P
ClientSampleId :
SSTD005610

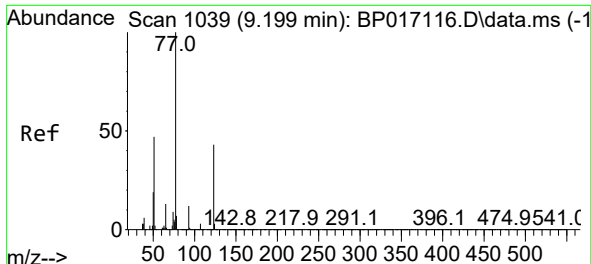
Tgt Ion:108 Resp: 82490
Ion Ratio Lower Upper
108 100
107 109.5 91.4 137.0



#19
Hexachloroethane
Concen: 4.766 ng/ul
RT: 9.022 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BP017114.D
Acq: 12 Sep 2023 12:30

Tgt Ion:117 Resp: 34201
Ion Ratio Lower Upper
117 100
201 106.5 79.9 119.9
199 66.1 49.4 74.2

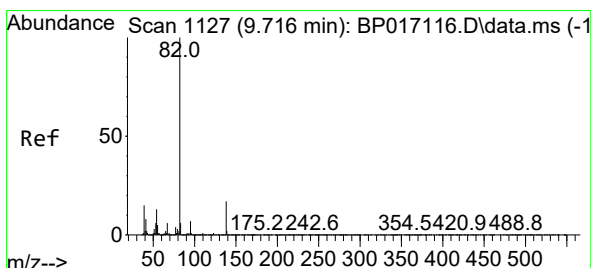
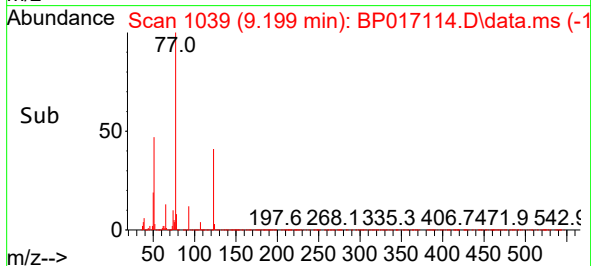
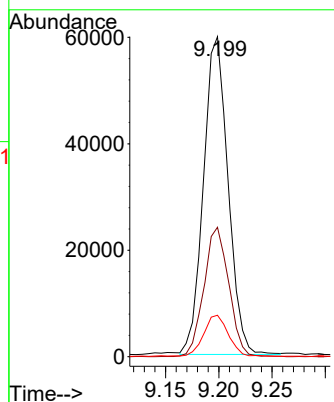
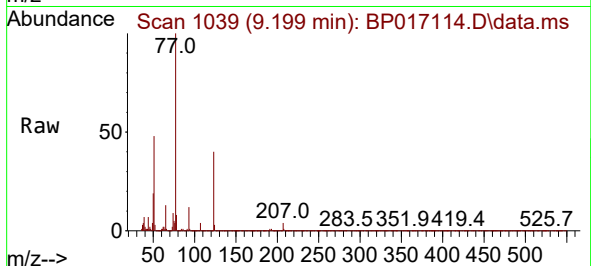




#22
Nitrobenzene
Concen: 4.629 ng/ul
RT: 9.199 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BP017114.D
Acq: 12 Sep 2023 12:30

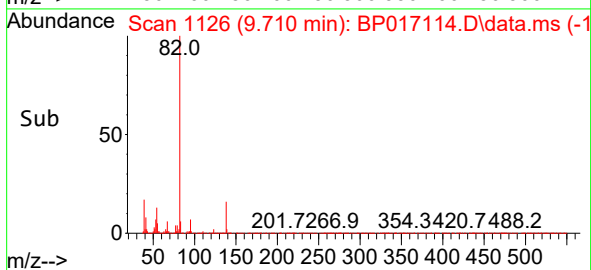
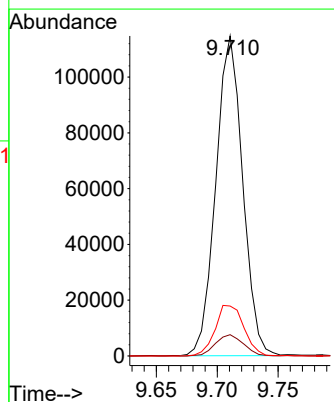
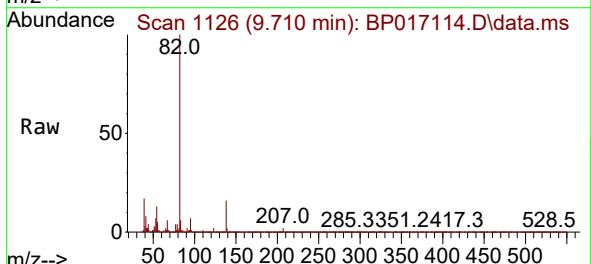
Instrument :
BNA_P
ClientSampleId :
SSTD005610

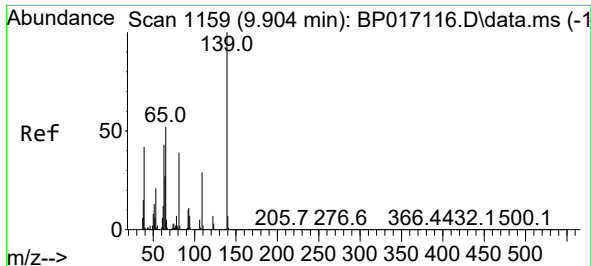
Tgt Ion: 77 Resp: 96004
Ion Ratio Lower Upper
77 100
123 40.4 34.6 51.8
65 12.9 10.6 16.0



#23
Isophorone
Concen: 4.535 ng/ul
RT: 9.710 min Scan# 1126
Delta R.T. -0.006 min
Lab File: BP017114.D
Acq: 12 Sep 2023 12:30

Tgt Ion: 82 Resp: 176273
Ion Ratio Lower Upper
82 100
95 6.7 5.6 8.4
138 15.6 14.0 21.0

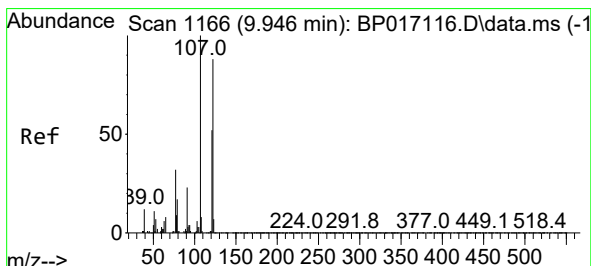
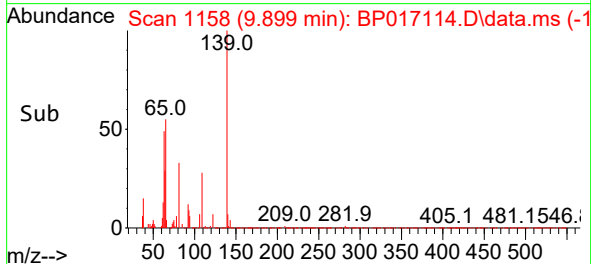
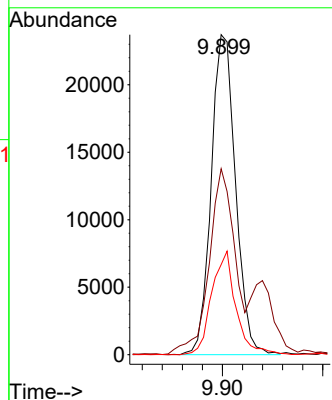
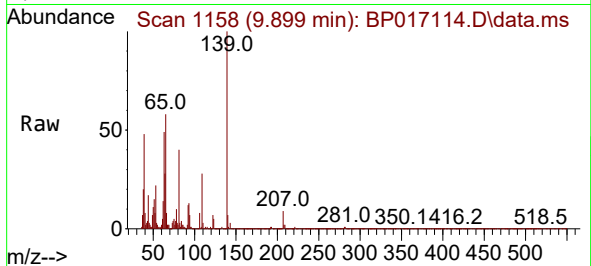




#25
2-Nitrophenol
Concen: 4.233 ng/ul
RT: 9.899 min Scan# 1158
Delta R.T. -0.006 min
Lab File: BP017114.D
Acq: 12 Sep 2023 12:30

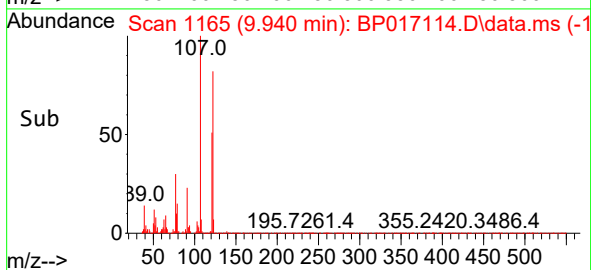
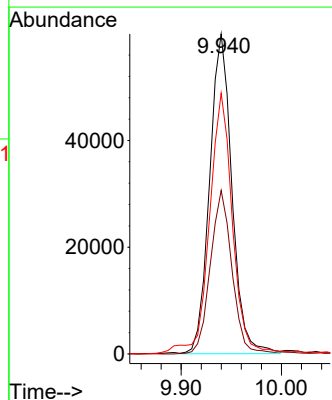
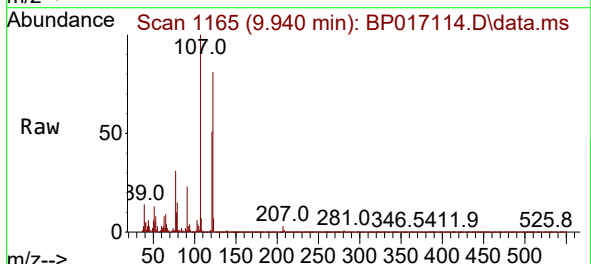
Instrument :
BNA_P
ClientSampleId :
SSTD005610

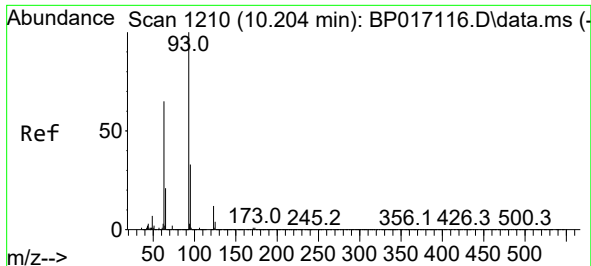
Tgt Ion:139	Resp:	40003
Ion Ratio	Lower	Upper
139	100	
65	58.1	41.9 62.9
109	28.2	23.5 35.3



#26
2,4-Dimethylphenol
Concen: 4.813 ng/ul
RT: 9.940 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BP017114.D
Acq: 12 Sep 2023 12:30

Tgt Ion:107	Resp:	92688
Ion Ratio	Lower	Upper
107	100	
121	51.1	41.7 62.5
122	81.5	70.4 105.6





#27

Bis(2-Chloroethoxy)methane

Concen: 4.920 ng/ul

RT: 10.199 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BP017114.D

Acq: 12 Sep 2023 12:30

Instrument :

BNA_P

ClientSampleId :

SSTD005610

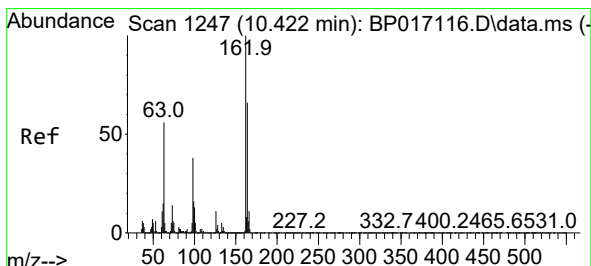
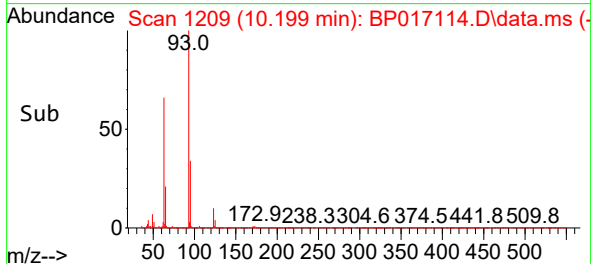
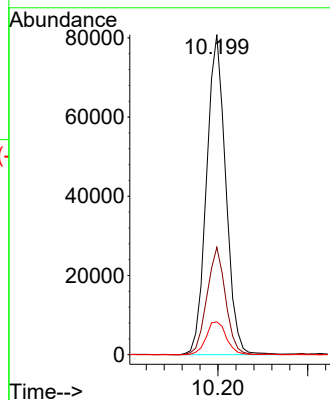
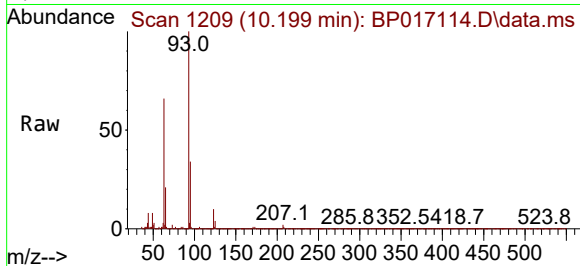
Tgt Ion: 93 Resp: 119860

Ion Ratio Lower Upper

93 100

95 33.6 26.2 39.4

123 10.3 9.3 13.9



#29

2,4-Dichlorophenol

Concen: 4.711 ng/ul

RT: 10.422 min Scan# 1247

Delta R.T. 0.000 min

Lab File: BP017114.D

Acq: 12 Sep 2023 12:30

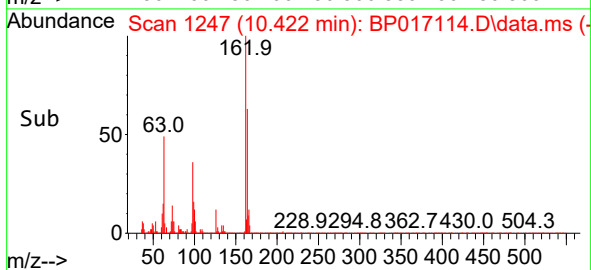
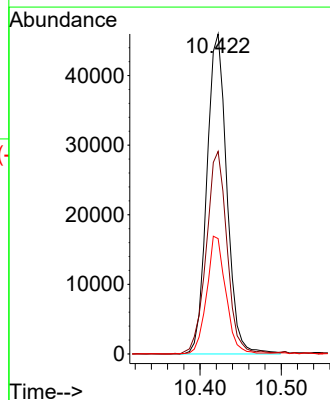
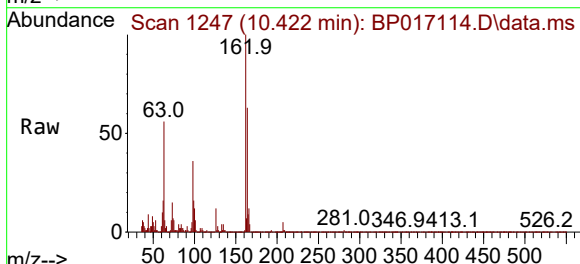
Tgt Ion: 162 Resp: 78421

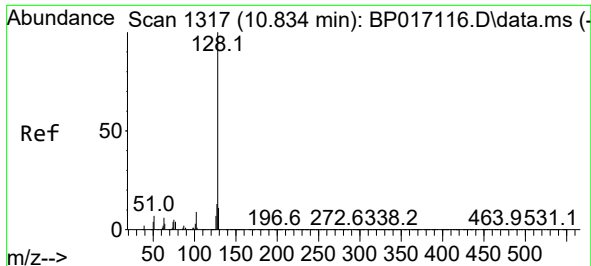
Ion Ratio Lower Upper

162 100

164 63.3 53.2 79.8

98 36.1 30.0 45.0

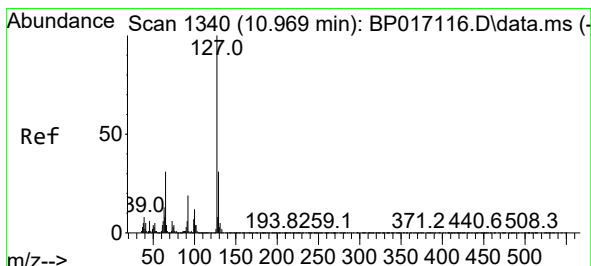
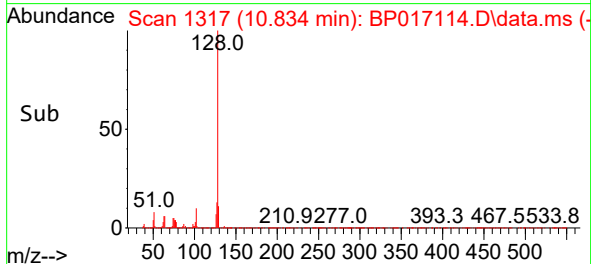
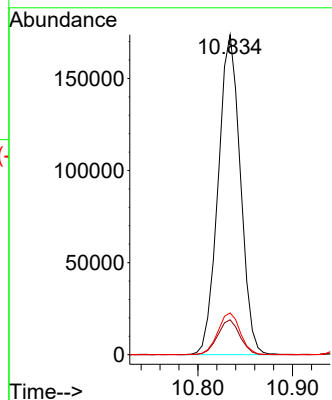
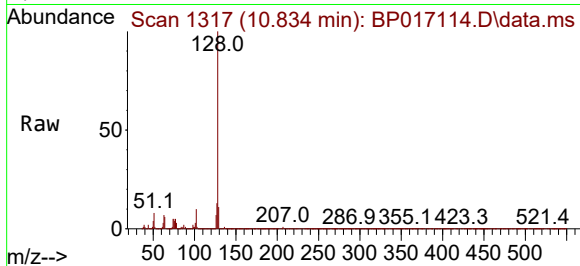




#30
Naphthalene
Concen: 4.919 ng/ul
RT: 10.834 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP017114.D
Acq: 12 Sep 2023 12:30

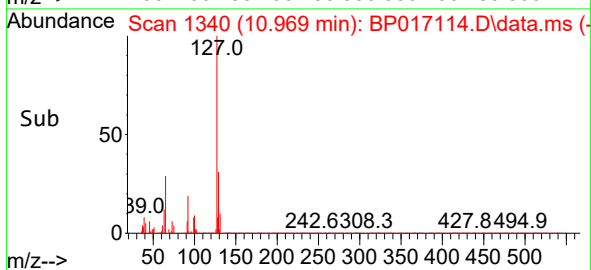
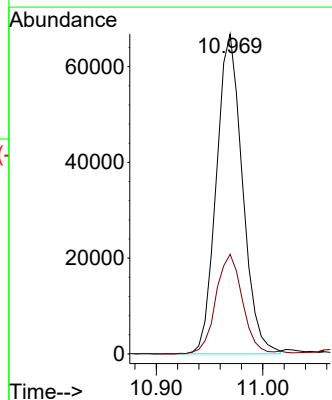
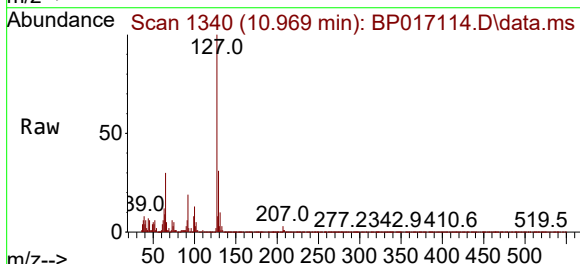
Instrument :
BNA_P
ClientSampleId :
SSTD005610

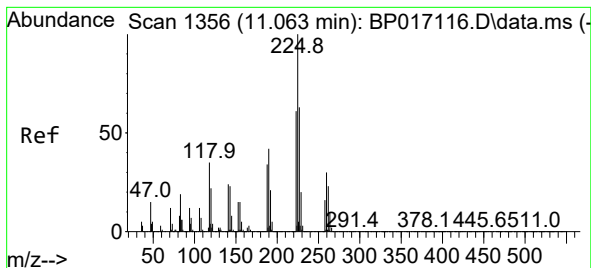
Tgt Ion:128 Resp: 283107
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.1 10.4 15.6



#32
4-Chloroaniline
Concen: 4.688 ng/ul
RT: 10.969 min Scan# 1340
Delta R.T. 0.000 min
Lab File: BP017114.D
Acq: 12 Sep 2023 12:30

Tgt Ion:127 Resp: 113380
Ion Ratio Lower Upper
127 100
129 31.1 24.8 37.2





#33

Hexachlorobutadiene

Concen: 4.920 ng/ul

RT: 11.063 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP017114.D

Acq: 12 Sep 2023 12:30

Instrument :

BNA_P

ClientSampleId :

SSTD005610

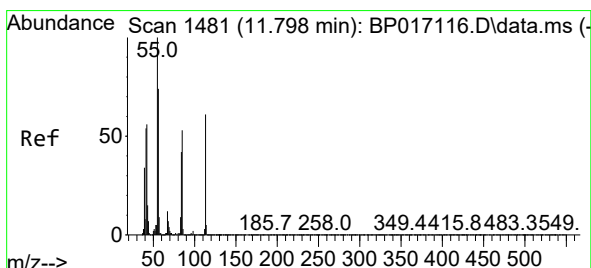
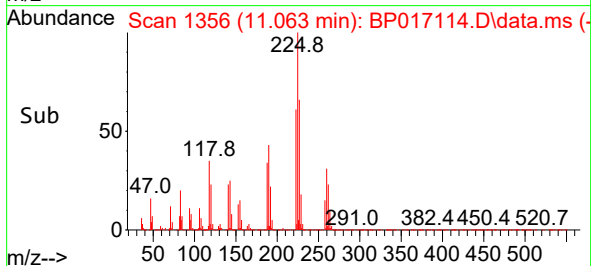
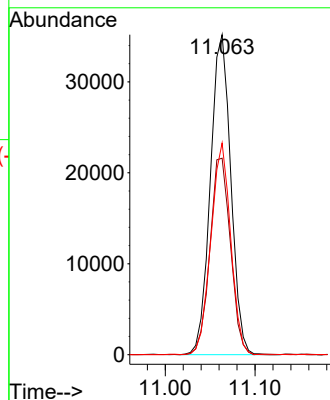
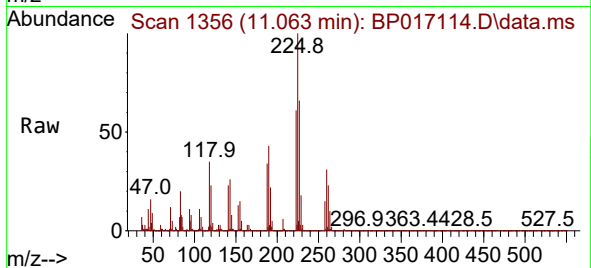
Tgt Ion:225 Resp: 55611

Ion Ratio Lower Upper

225 100

223 61.4 49.0 73.4

227 66.1 50.2 75.4



#34

Caprolactam

Concen: 3.983 ng/ul

RT: 11.781 min Scan# 1478

Delta R.T. -0.017 min

Lab File: BP017114.D

Acq: 12 Sep 2023 12:30

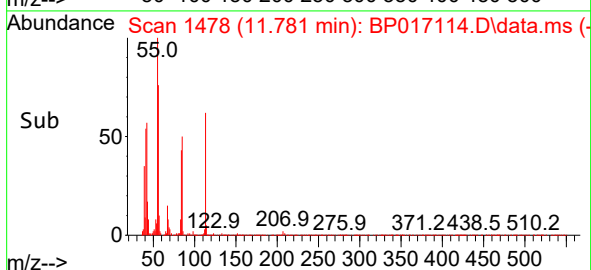
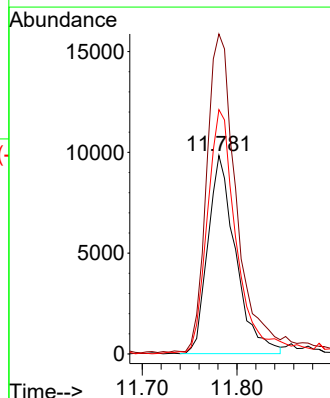
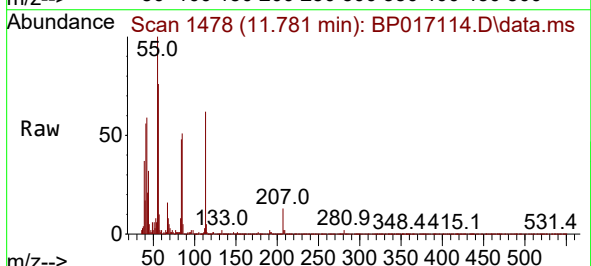
Tgt Ion:113 Resp: 20043

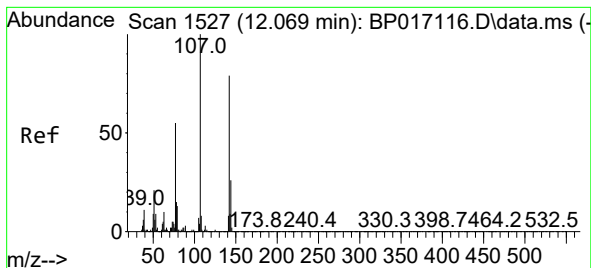
Ion Ratio Lower Upper

113 100

55 161.3 130.7 196.1

56 123.1 96.8 145.2

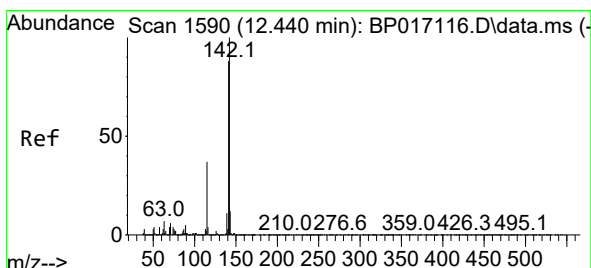
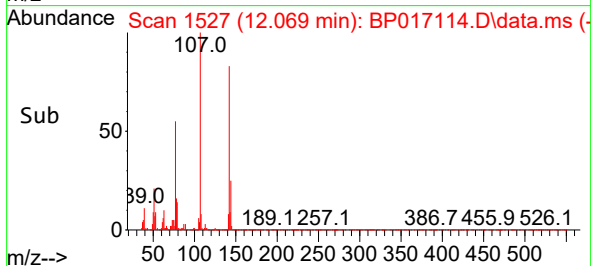
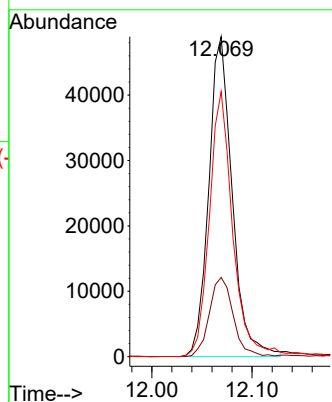
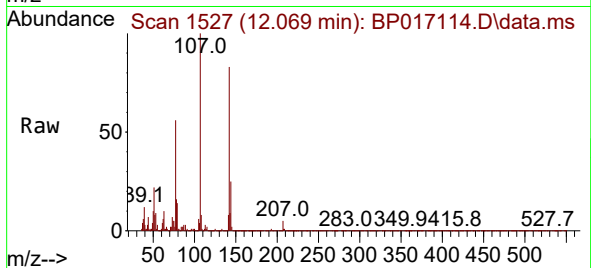




#35
4-Chloro-3-methylphenol
Concen: 4.415 ng/ul
RT: 12.069 min Scan# 1527
Delta R.T. 0.000 min
Lab File: BP017114.D
Acq: 12 Sep 2023 12:30

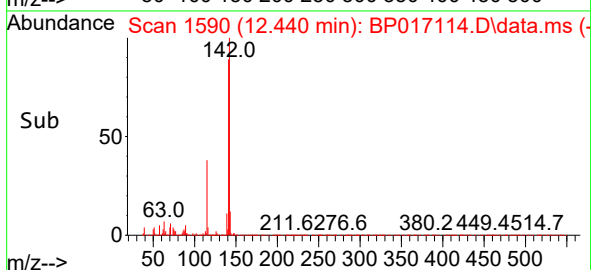
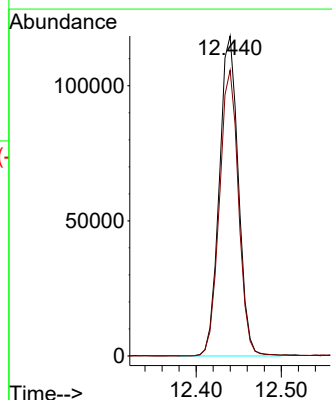
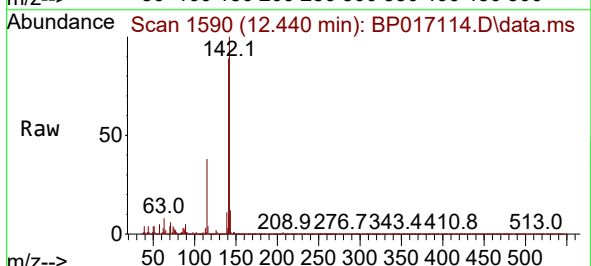
Instrument :
BNA_P
ClientSampleId :
SSTD005610

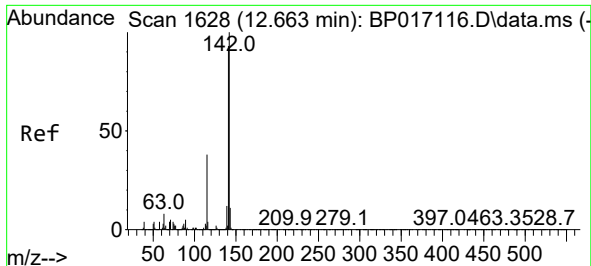
Tgt Ion:107 Resp: 79515
Ion Ratio Lower Upper
107 100
144 24.8 20.6 31.0
142 82.8 63.4 95.0



#36
2-Methylnaphthalene
Concen: 4.735 ng/ul
RT: 12.440 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BP017114.D
Acq: 12 Sep 2023 12:30

Tgt Ion:142 Resp: 183912
Ion Ratio Lower Upper
142 100
141 89.3 70.1 105.1





#37

1-Methylnaphthalene

Concen: 4.750 ng/ul

RT: 12.657 min Scan# 1627

Delta R.T. -0.006 min

Lab File: BP017114.D

Acq: 12 Sep 2023 12:30

Instrument :

BNA_P

ClientSampleId :

SSTD005610

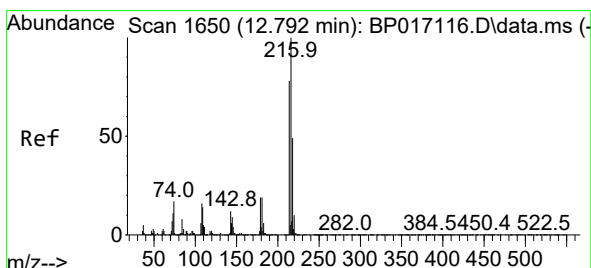
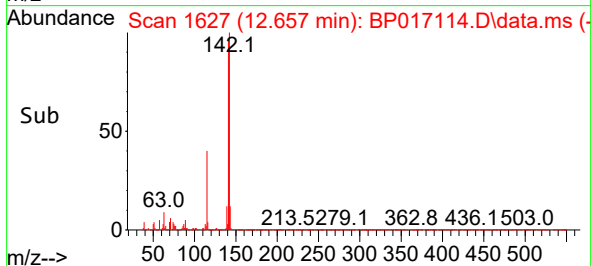
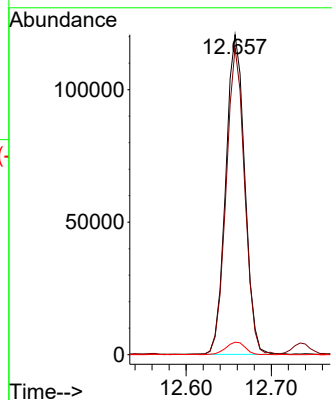
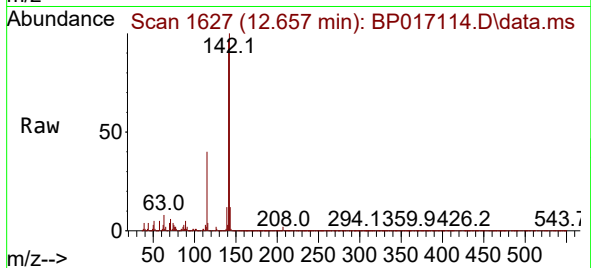
Tgt Ion:142 Resp: 186746

Ion Ratio Lower Upper

142 100

141 95.9 74.1 111.1

116 3.9 3.1 4.7



#39

1,2,4,5-Tetrachlorobenzene

Concen: 4.705 ng/ul

RT: 12.787 min Scan# 1649

Delta R.T. -0.006 min

Lab File: BP017114.D

Acq: 12 Sep 2023 12:30

Tgt Ion:216 Resp: 102042

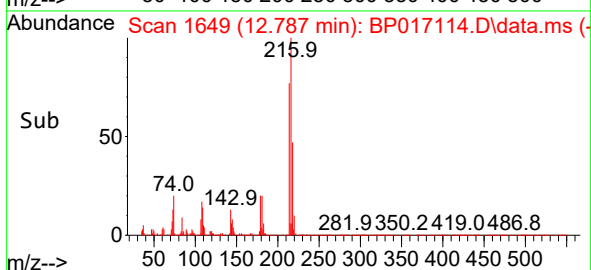
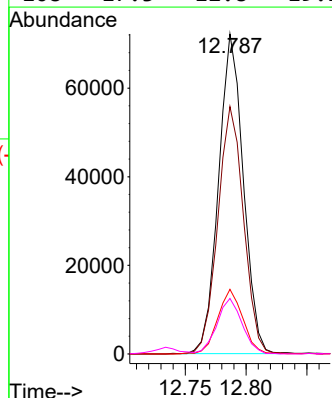
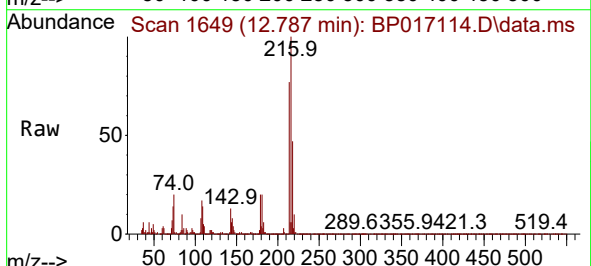
Ion Ratio Lower Upper

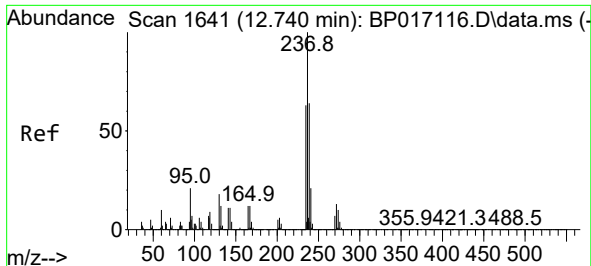
216 100

214 77.3 62.1 93.1

179 20.2 15.6 23.4

108 17.3 12.8 19.2

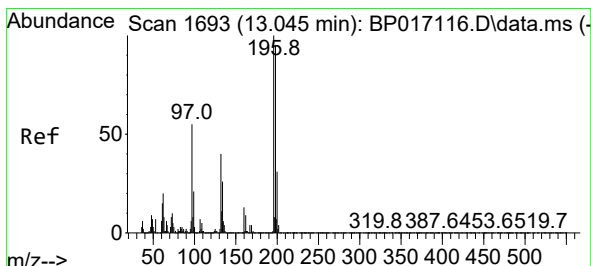
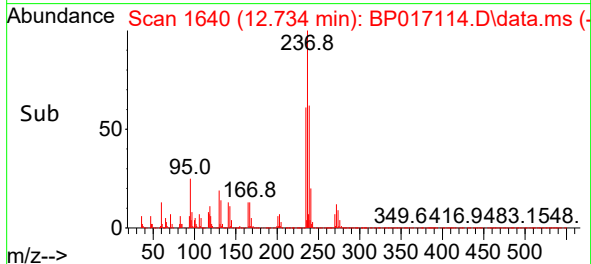
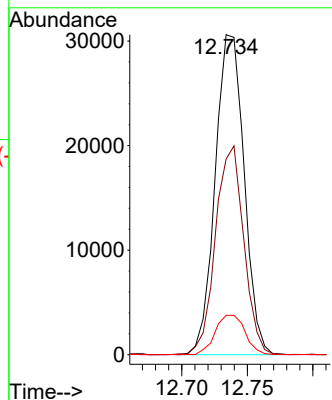
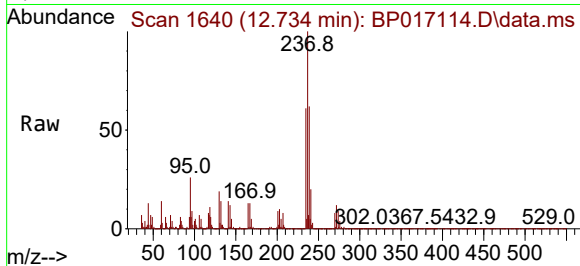




#40
 Hexachlorocyclopentadiene
 Concen: 3.480 ng/ul
 RT: 12.734 min Scan# 1640
 Delta R.T. -0.006 min
 Lab File: BP017114.D
 Acq: 12 Sep 2023 12:30

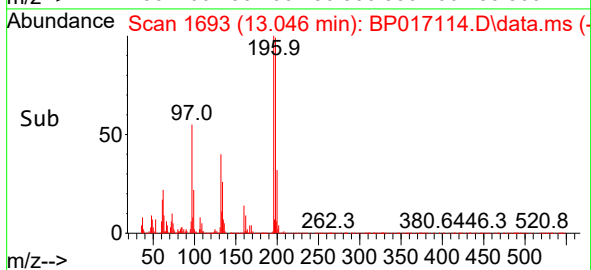
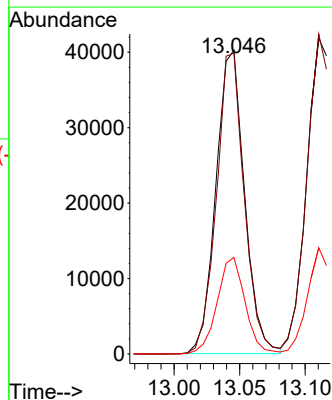
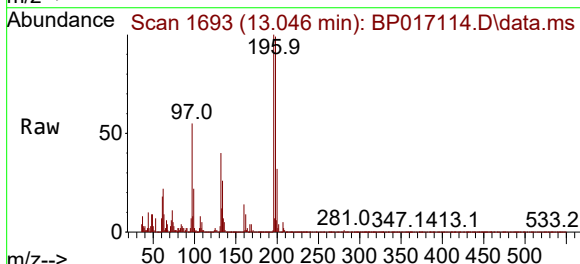
Instrument :
 BNA_P
 ClientSampleId :
 SSTD005610

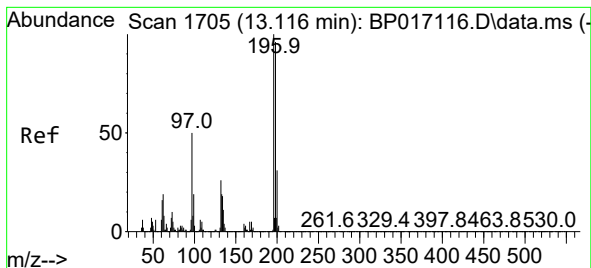
Tgt Ion:237 Resp: 47020
 Ion Ratio Lower Upper
 237 100
 235 61.1 50.4 75.6
 272 12.6 10.2 15.4



#41
 2,4,6-Trichlorophenol
 Concen: 4.418 ng/ul
 RT: 13.046 min Scan# 1693
 Delta R.T. 0.000 min
 Lab File: BP017114.D
 Acq: 12 Sep 2023 12:30

Tgt Ion:196 Resp: 60877
 Ion Ratio Lower Upper
 196 100
 198 99.0 76.0 114.0
 200 31.8 25.0 37.4





#42

2,4,5-Trichlorophenol

Concen: 4.402 ng/ul

RT: 13.110 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP017114.D

Acq: 12 Sep 2023 12:30

Instrument :

BNA_P

ClientSampleId :

SSTD005610

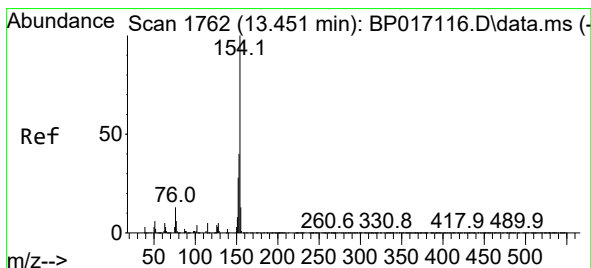
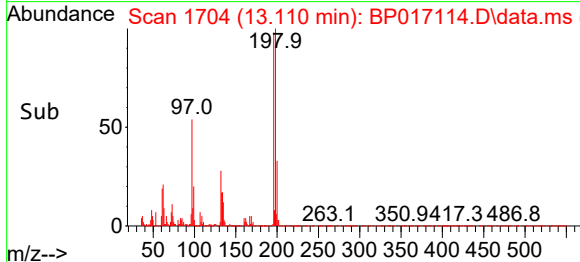
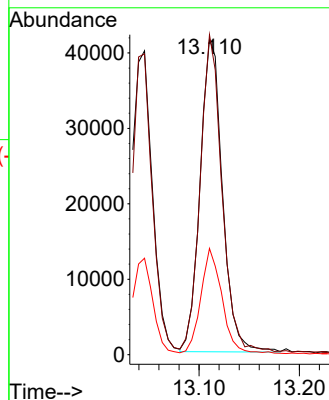
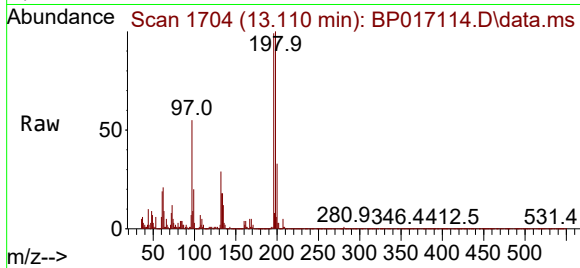
Tgt Ion:196 Resp: 64477

Ion Ratio Lower Upper

196 100

198 101.4 76.9 115.3

200 33.7 25.0 37.6



#43

1,1'-Biphenyl

Concen: 4.905 ng/ul

RT: 13.446 min Scan# 1761

Delta R.T. -0.006 min

Lab File: BP017114.D

Acq: 12 Sep 2023 12:30

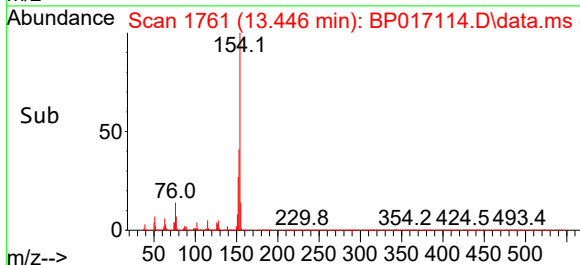
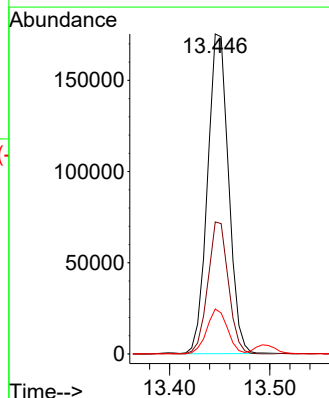
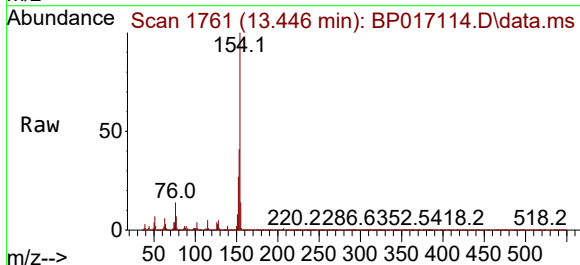
Tgt Ion:154 Resp: 256136

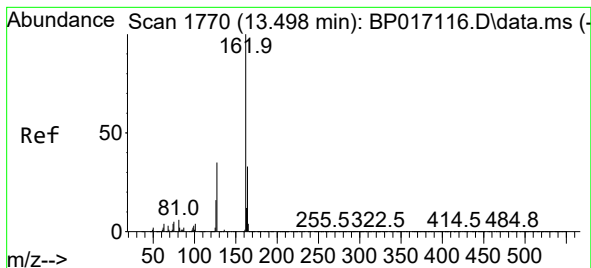
Ion Ratio Lower Upper

154 100

153 41.3 31.8 47.8

76 14.1 10.8 16.2





#44

2-Chloronaphthalene

Concen: 4.856 ng/ul

RT: 13.493 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP017114.D

Acq: 12 Sep 2023 12:30

Instrument :

BNA_P

ClientSampleId :

SSTD005610

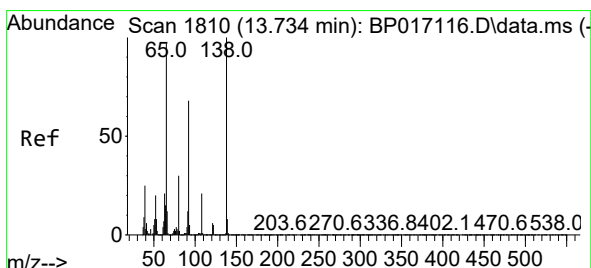
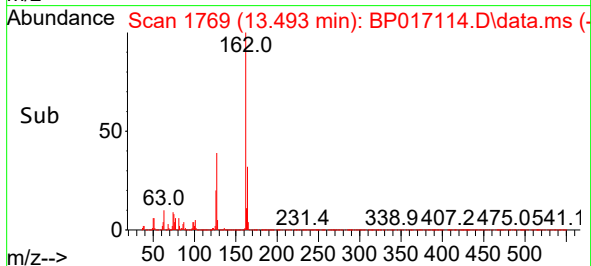
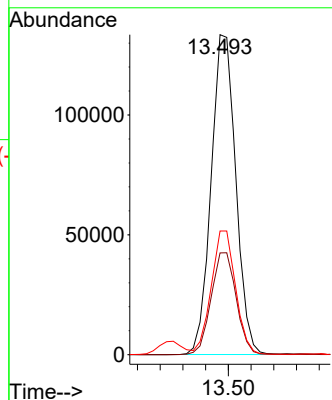
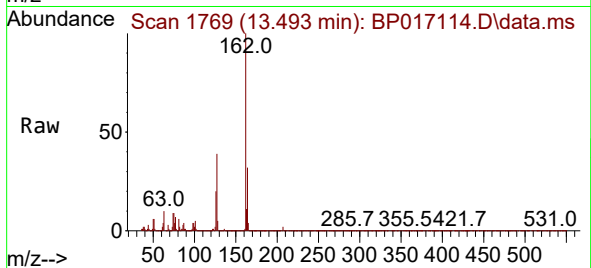
Tgt Ion:162 Resp: 201363

Ion Ratio Lower Upper

162 100

164 31.8 26.6 39.8

127 38.6 31.0 46.4



#45

2-Nitroaniline

Concen: 3.920 ng/ul

RT: 13.734 min Scan# 1810

Delta R.T. 0.000 min

Lab File: BP017114.D

Acq: 12 Sep 2023 12:30

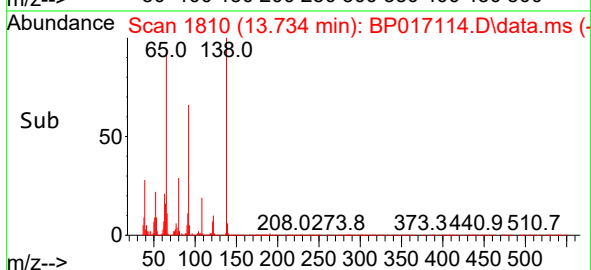
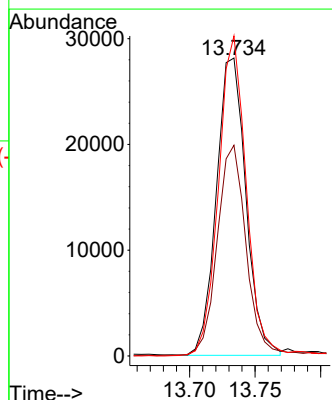
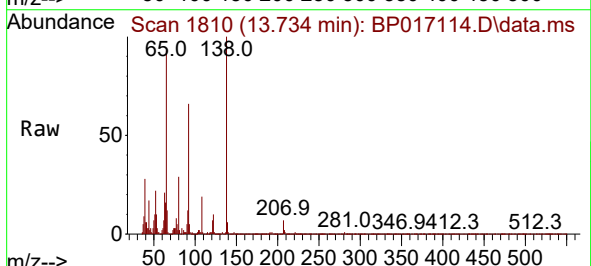
Tgt Ion: 65 Resp: 44025

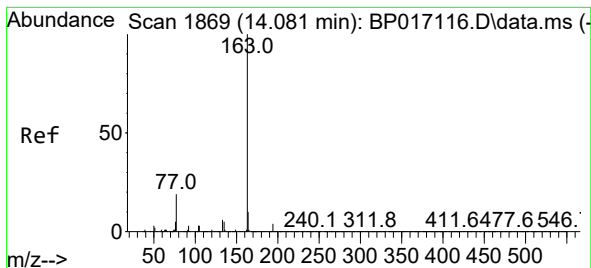
Ion Ratio Lower Upper

65 100

92 70.7 55.6 83.4

138 107.4 82.2 123.2





#47

Dimethylphthalate

Concen: 4.814 ng/ul

RT: 14.075 min Scan# 1868

Delta R.T. -0.006 min

Lab File: BP017114.D

Acq: 12 Sep 2023 12:30

Instrument :

BNA_P

ClientSampleId :

SSTD005610

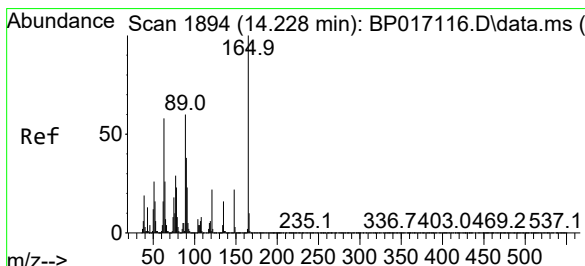
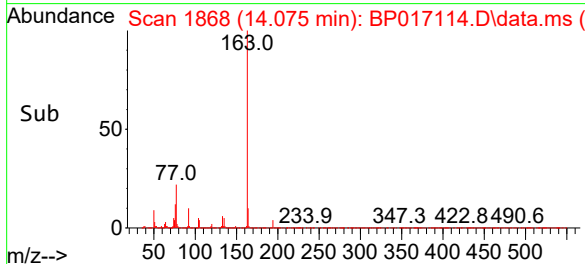
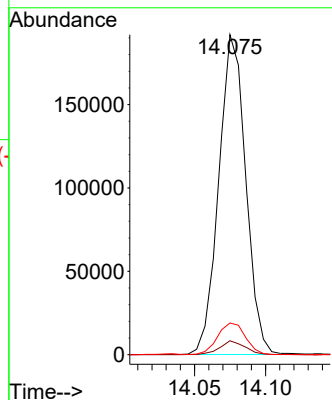
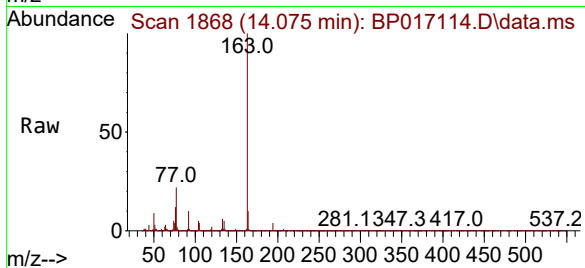
Tgt Ion:163 Resp: 253255

Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

164 9.9 7.9 11.9



#48

2,6-Dinitrotoluene

Concen: 0.006 ng/ul

RT: 14.181 min Scan# 1886

Delta R.T. -0.047 min

Lab File: BP017114.D

Acq: 12 Sep 2023 12:30

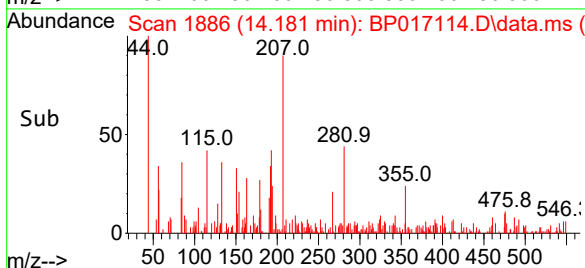
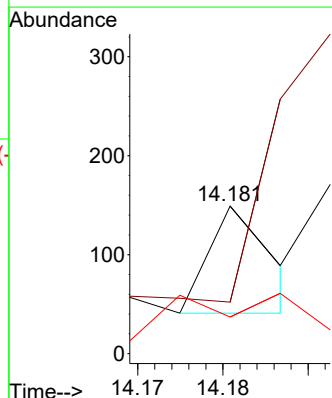
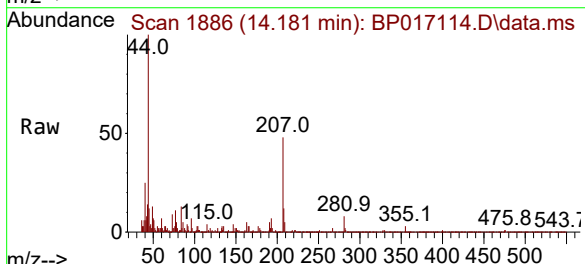
Tgt Ion:165 Resp: 55

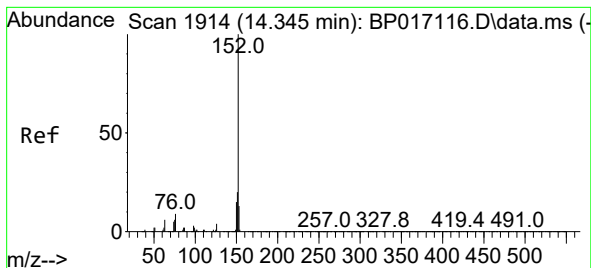
Ion Ratio Lower Upper

165 100

89 48.3 47.8 71.8

121 24.8 17.4 26.2





#50

Acenaphthylene

Concen: 4.686 ng/ul

RT: 14.346 min Scan# 1914

Delta R.T. 0.000 min

Lab File: BP017114.D

Acq: 12 Sep 2023 12:30

Instrument :

BNA_P

ClientSampleId :

SSTD005610

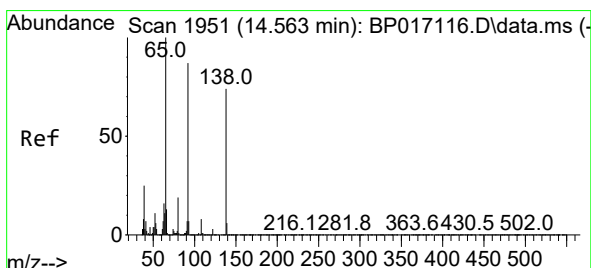
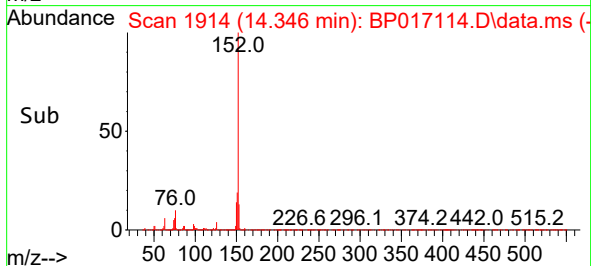
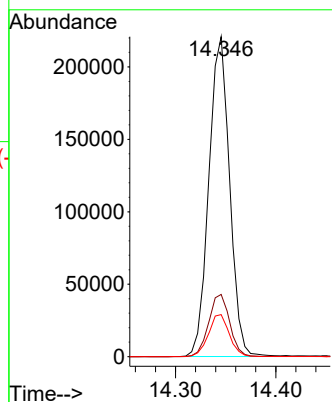
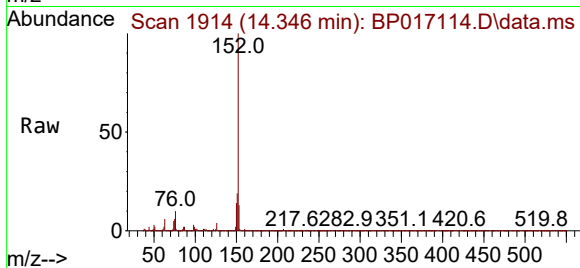
Tgt Ion:152 Resp: 318323

Ion Ratio Lower Upper

152 100

151 19.5 15.8 23.8

153 13.2 10.6 15.8



#51

3-Nitroaniline

Concen: 3.932 ng/ul

RT: 14.563 min Scan# 1951

Delta R.T. 0.000 min

Lab File: BP017114.D

Acq: 12 Sep 2023 12:30

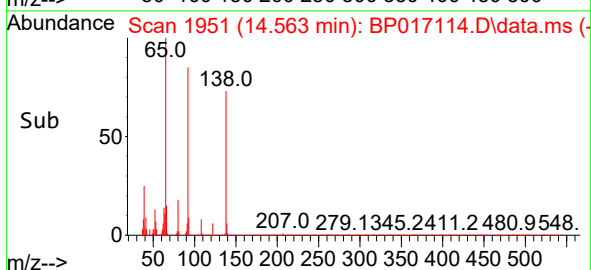
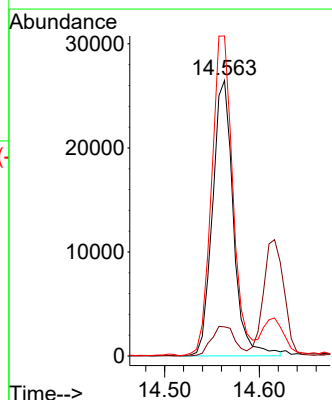
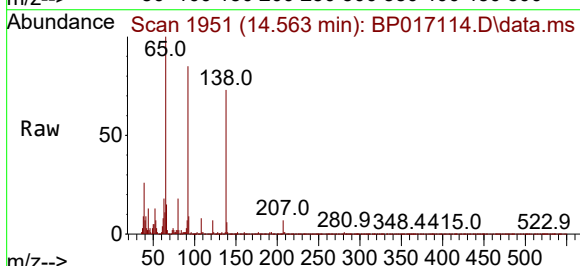
Tgt Ion:138 Resp: 40453

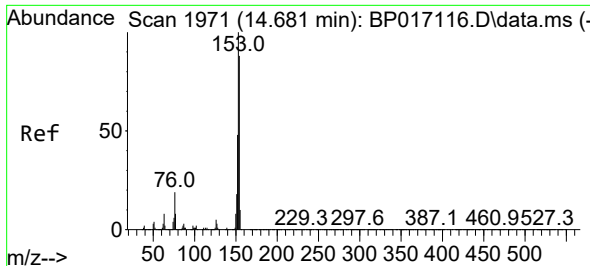
Ion Ratio Lower Upper

138 100

108 10.6 8.5 12.7

92 116.1 94.2 141.4

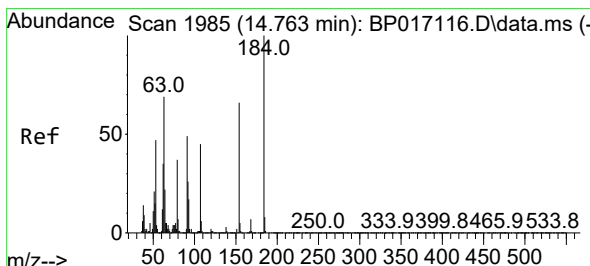
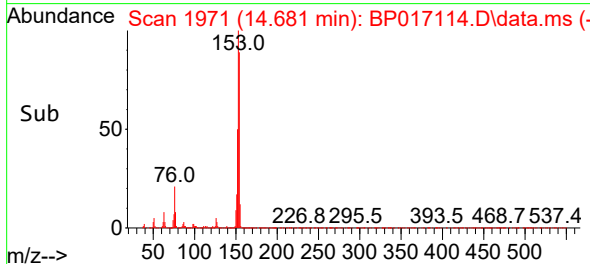
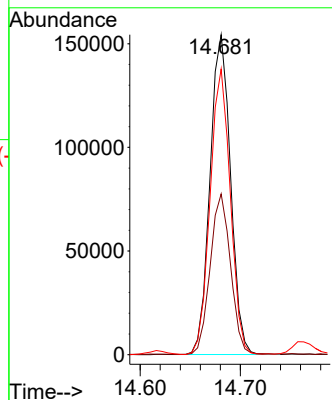
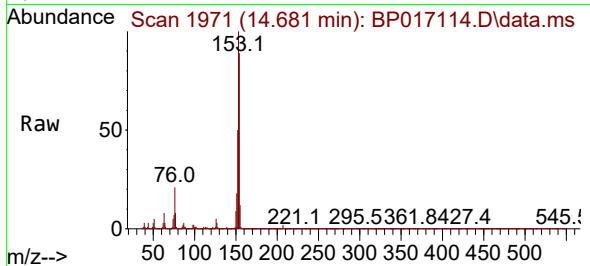




#52
Acenaphthene
Concen: 4.881 ng/ul
RT: 14.681 min Scan# 1971
Delta R.T. 0.000 min
Lab File: BP017114.D
Acq: 12 Sep 2023 12:30

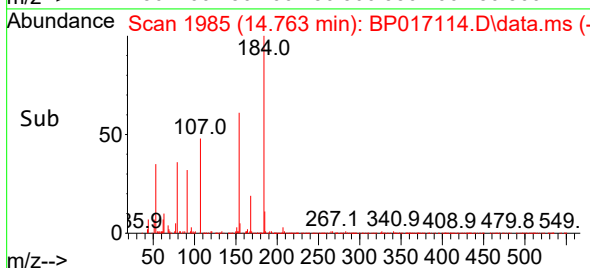
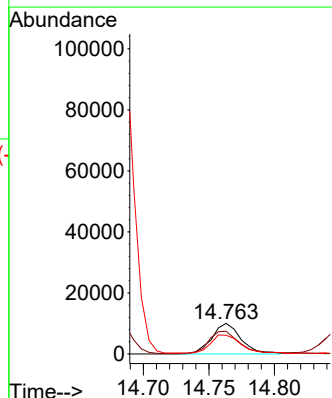
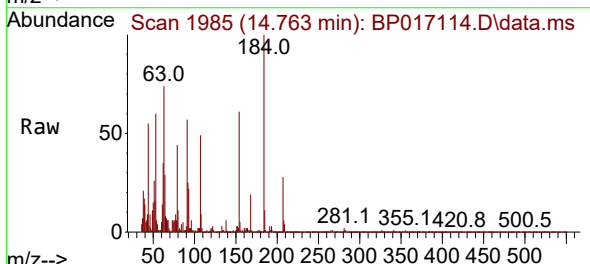
Instrument :
BNA_P
ClientSampleId :
SSTD005610

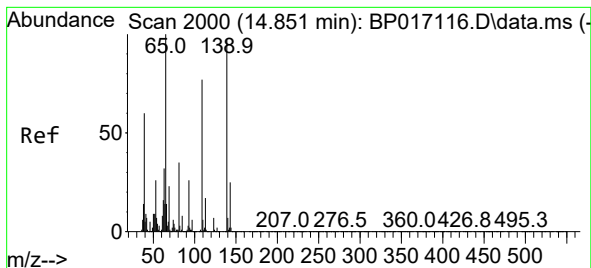
Tgt Ion:153 Resp: 219382
Ion Ratio Lower Upper
153 100
152 50.3 38.6 57.8
154 89.3 70.4 105.6



#53
2,4-Dinitrophenol
Concen: 2.296 ng/ul
RT: 14.763 min Scan# 1985
Delta R.T. 0.000 min
Lab File: BP017114.D
Acq: 12 Sep 2023 12:30

Tgt Ion:184 Resp: 15469
Ion Ratio Lower Upper
184 100
63 74.2 55.2 82.8
154 61.4 53.0 79.4

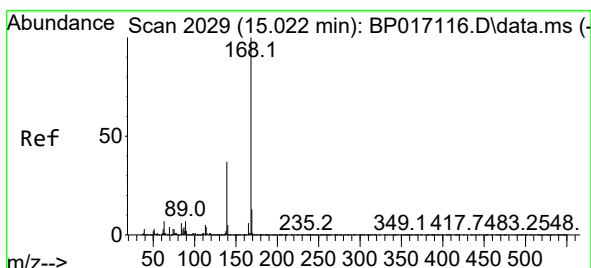
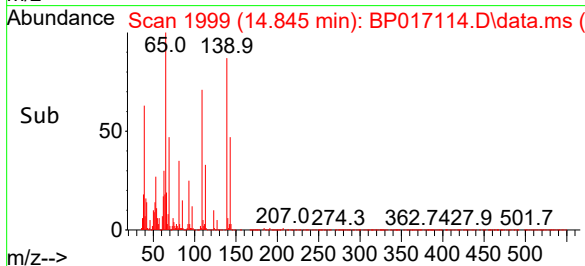
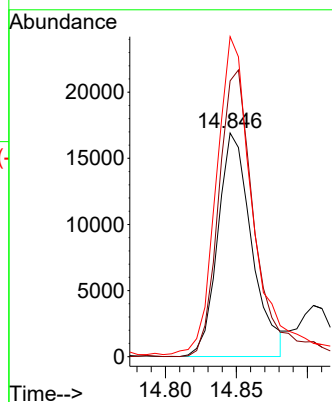
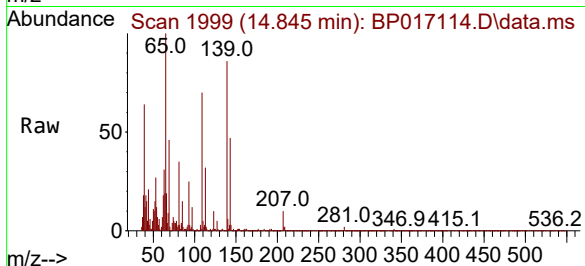




#55
4-Nitrophenol
Concen: 3.503 ng/ul
RT: 14.845 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BP017114.D
Acq: 12 Sep 2023 12:30

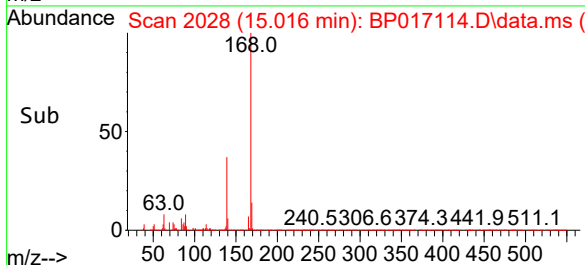
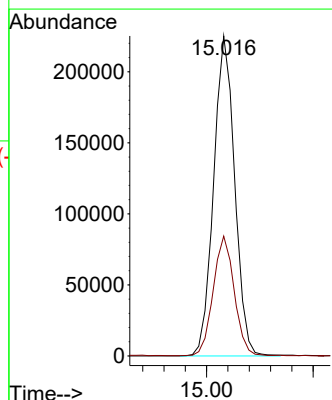
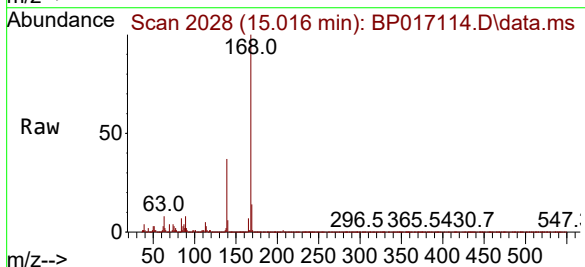
Instrument :
BNA_P
ClientSampleId :
SSTD005610

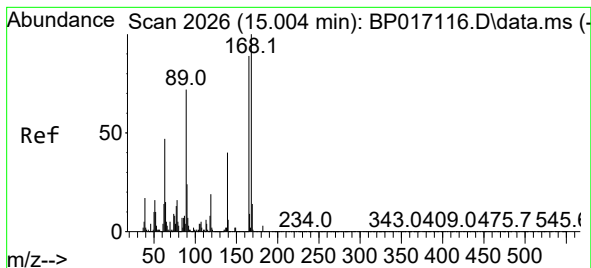
Tgt Ion:109 Resp: 28077
Ion Ratio Lower Upper
109 100
139 123.3 101.1 151.7
65 143.0 105.0 157.4



#56
Dibenzofuran
Concen: 4.962 ng/ul
RT: 15.016 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BP017114.D
Acq: 12 Sep 2023 12:30

Tgt Ion:168 Resp: 308196
Ion Ratio Lower Upper
168 100
139 37.5 29.9 44.9

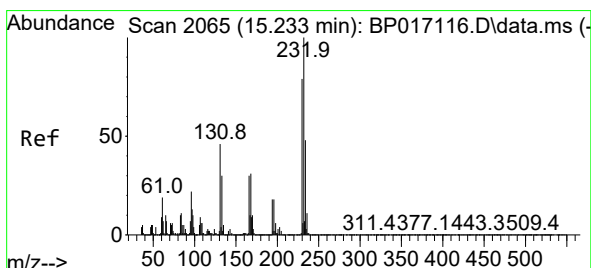
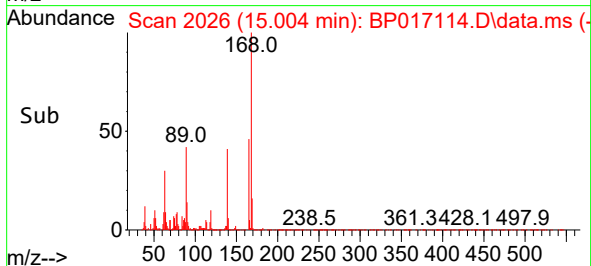
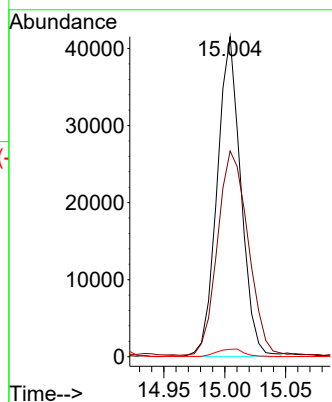
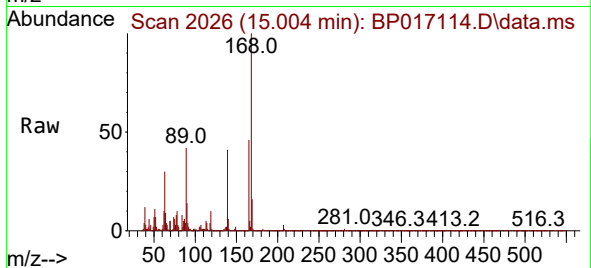




#57
2,4-Dinitrotoluene
Concen: 3.909 ng/ul
RT: 15.004 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BP017114.D
Acq: 12 Sep 2023 12:30

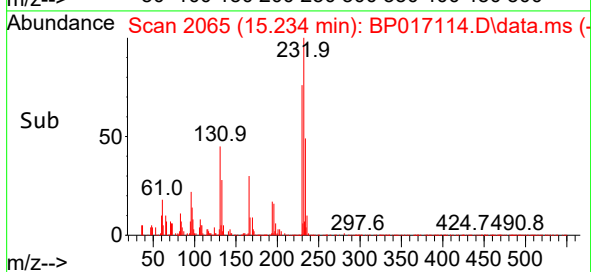
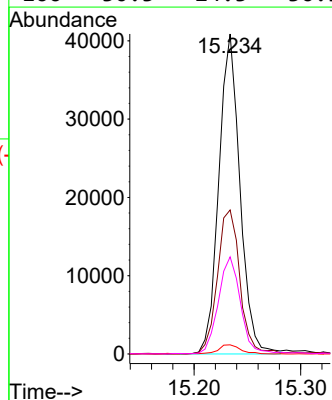
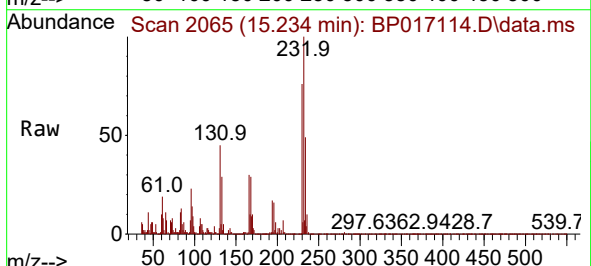
Instrument :
BNA_P
ClientSampleId :
SSTD005610

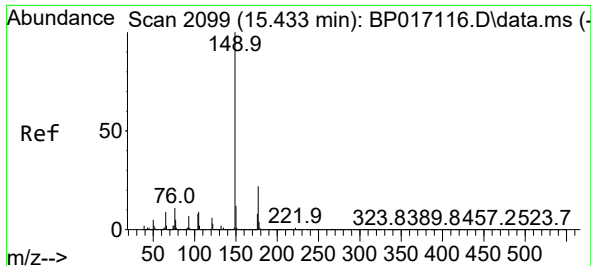
Tgt Ion:165 Resp: 55981
Ion Ratio Lower Upper
165 100
63 64.3 42.3 63.5#
182 2.3 2.2 3.4



#58
2,3,4,6-Tetrachlorophenol
Concen: 4.370 ng/ul
RT: 15.234 min Scan# 2065
Delta R.T. 0.000 min
Lab File: BP017114.D
Acq: 12 Sep 2023 12:30

Tgt Ion:232 Resp: 56158
Ion Ratio Lower Upper
232 100
131 45.0 37.0 55.6
130 2.9 1.8 2.8#
166 30.3 24.3 36.5

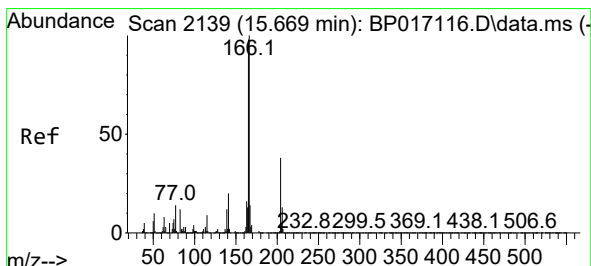
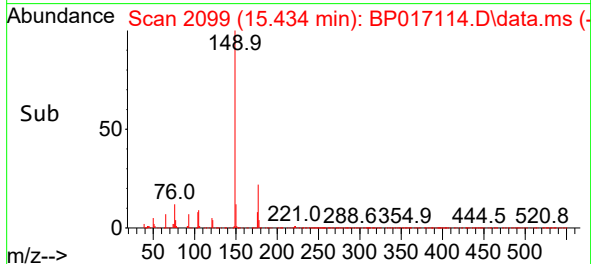
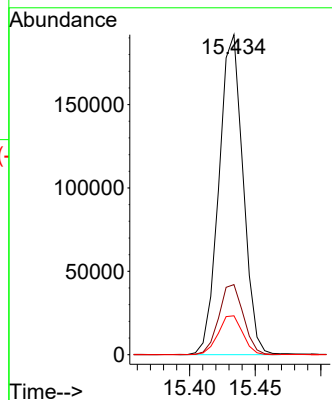
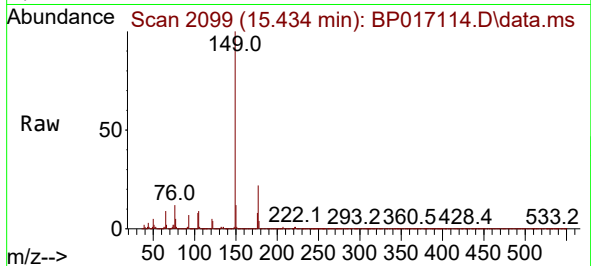




#59
Diethylphthalate
Concen: 4.721 ng/ul
RT: 15.434 min Scan# 2099
Delta R.T. 0.000 min
Lab File: BP017114.D
Acq: 12 Sep 2023 12:30

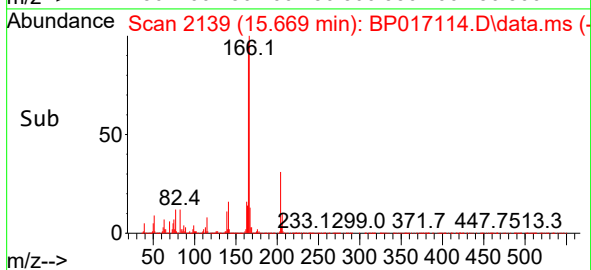
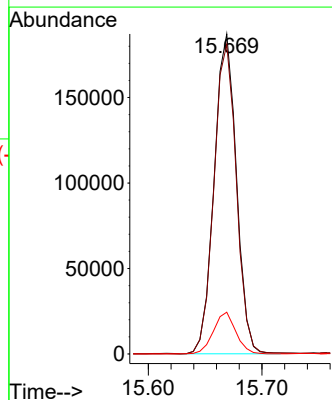
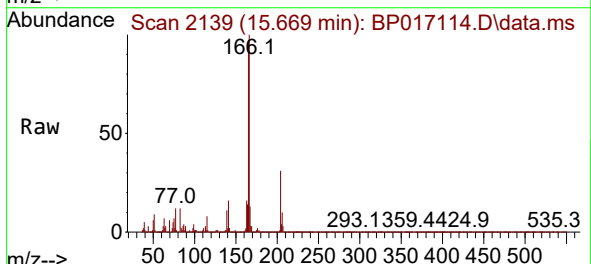
Instrument :
BNA_P
ClientSampleId :
SSTD005610

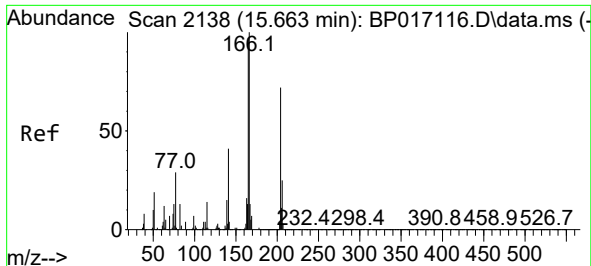
Tgt Ion:149 Resp: 245186
Ion Ratio Lower Upper
149 100
177 21.9 17.5 26.3
150 12.1 10.0 15.0



#61
Fluorene
Concen: 4.955 ng/ul
RT: 15.669 min Scan# 2139
Delta R.T. 0.000 min
Lab File: BP017114.D
Acq: 12 Sep 2023 12:30

Tgt Ion:166 Resp: 254459
Ion Ratio Lower Upper
166 100
165 96.8 78.2 117.2
167 13.0 11.0 16.4

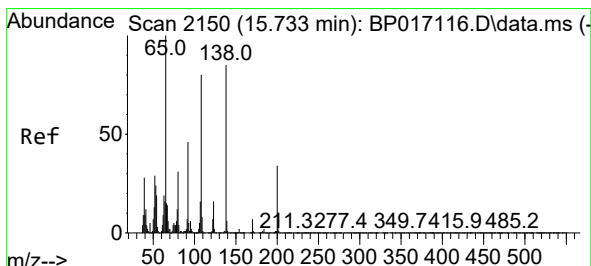
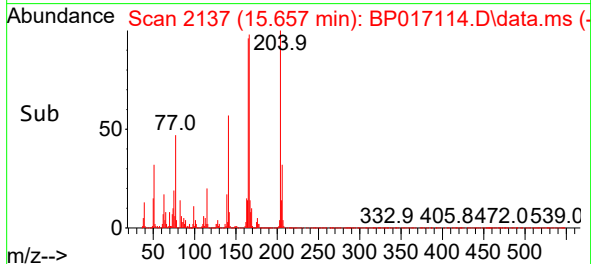
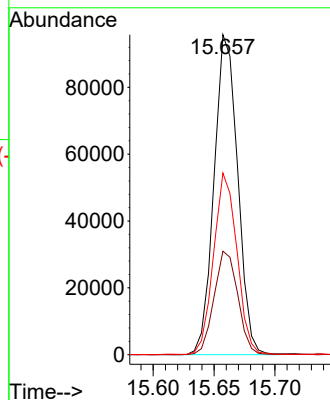
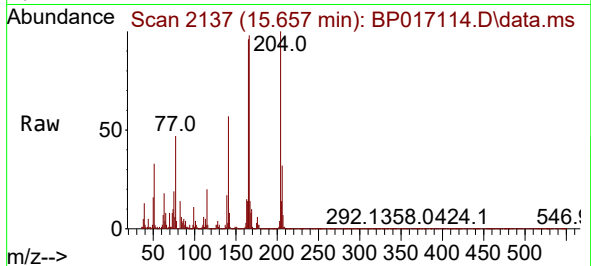




#62
4-Chlorophenyl-phenylether
Concen: 4.963 ng/ul
RT: 15.657 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BP017114.D
Acq: 12 Sep 2023 12:30

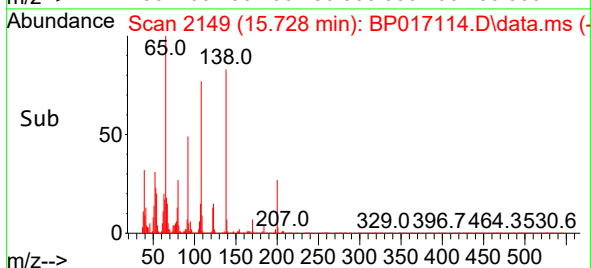
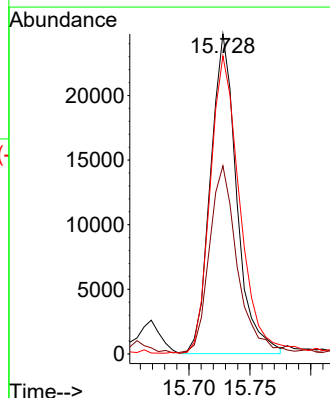
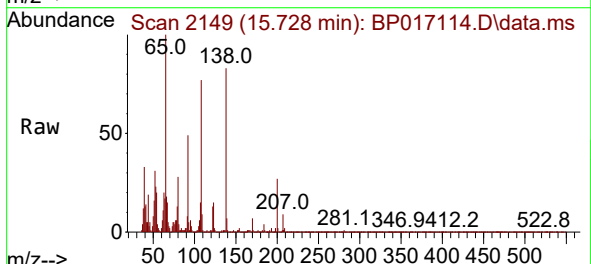
Instrument :
BNA_P
ClientSampleId :
SSTD005610

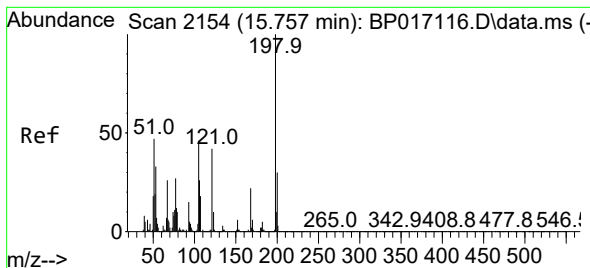
Tgt Ion:204 Resp: 129594
Ion Ratio Lower Upper
204 100
206 32.3 27.3 40.9
141 56.7 45.0 67.6



#63
4-Nitroaniline
Concen: 3.875 ng/ul
RT: 15.728 min Scan# 2149
Delta R.T. -0.006 min
Lab File: BP017114.D
Acq: 12 Sep 2023 12:30

Tgt Ion:138 Resp: 37067
Ion Ratio Lower Upper
138 100
92 58.8 43.3 64.9
108 93.2 75.3 112.9

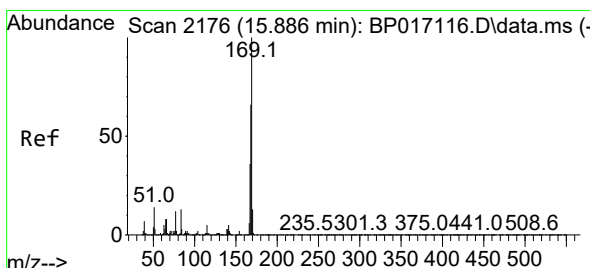
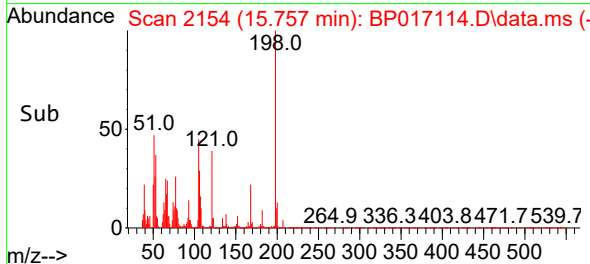
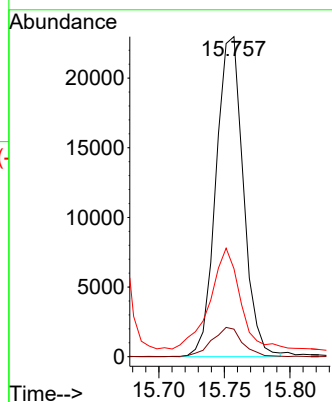
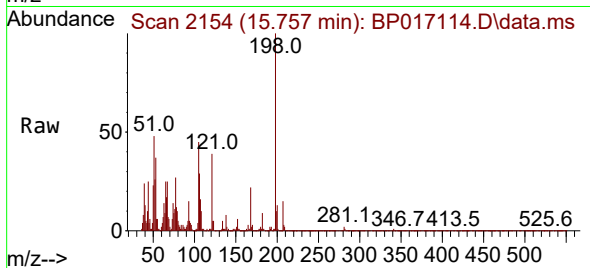




#66
4,6-Dinitro-2-methylphenol
Concen: 3.349 ng/ul
RT: 15.757 min Scan# 2154
Delta R.T. 0.000 min
Lab File: BP017114.D
Acq: 12 Sep 2023 12:30

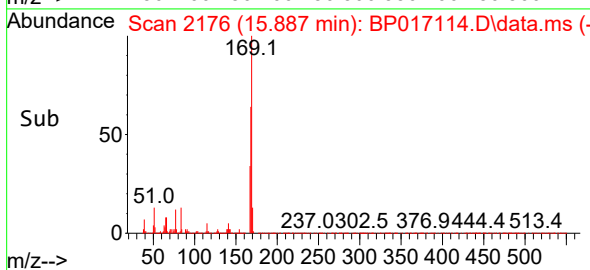
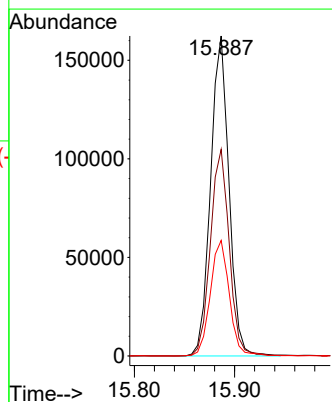
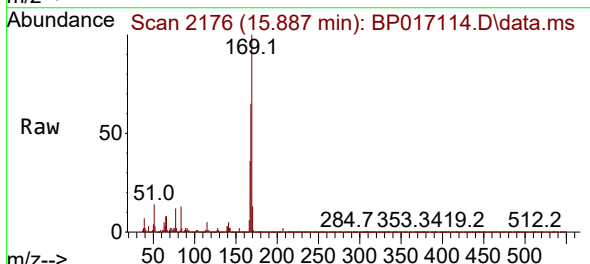
Instrument :
BNA_P
ClientSampleId :
SSTD005610

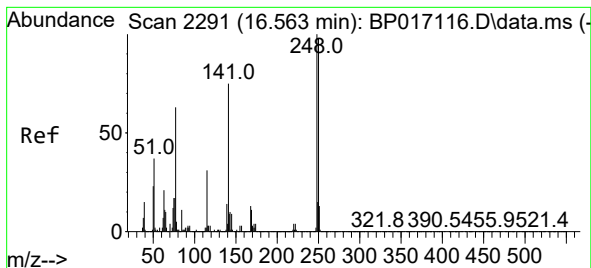
Tgt Ion:198 Resp: 33204
Ion Ratio Lower Upper
198 100
182 8.6 4.2 6.2#
77 27.5 22.5 33.7



#67
N-Nitrosodiphenylamine
Concen: 4.799 ng/ul
RT: 15.887 min Scan# 2176
Delta R.T. 0.000 min
Lab File: BP017114.D
Acq: 12 Sep 2023 12:30

Tgt Ion:169 Resp: 206287
Ion Ratio Lower Upper
169 100
168 64.5 52.7 79.1
167 36.1 29.0 43.4

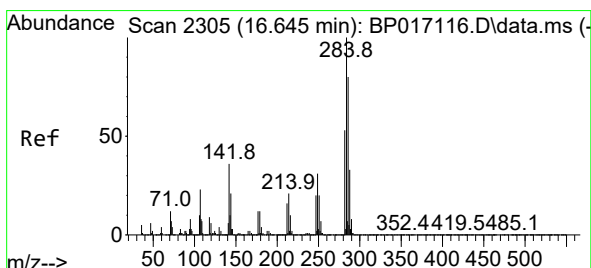
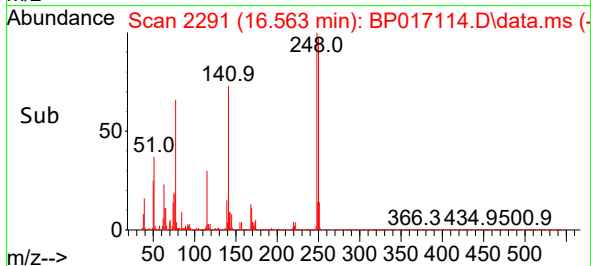
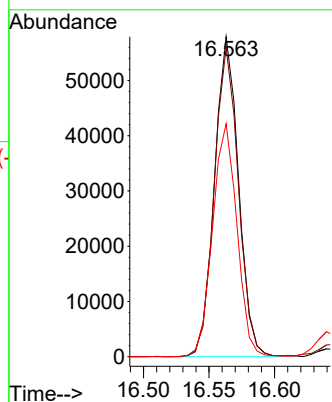
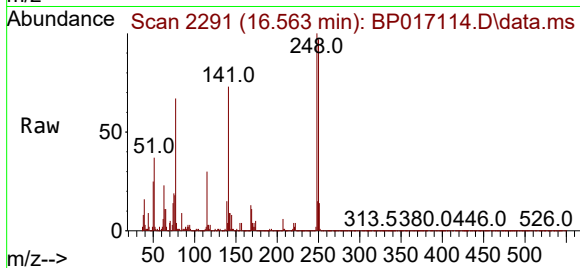




#68
4-Bromophenyl-phenylether
Concen: 4.672 ng/ul
RT: 16.563 min Scan# 2291
Delta R.T. 0.000 min
Lab File: BP017114.D
Acq: 12 Sep 2023 12:30

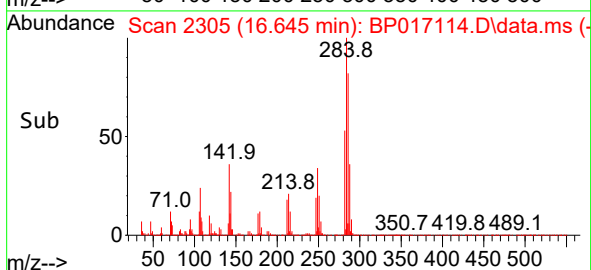
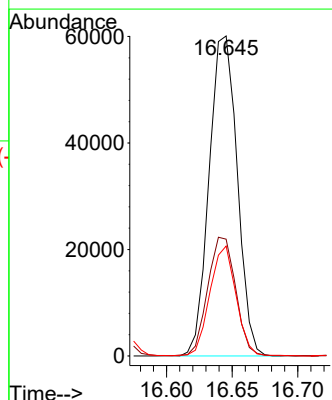
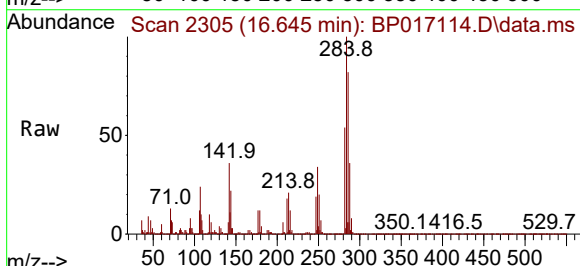
Instrument :
BNA_P
ClientSampleId :
SSTD005610

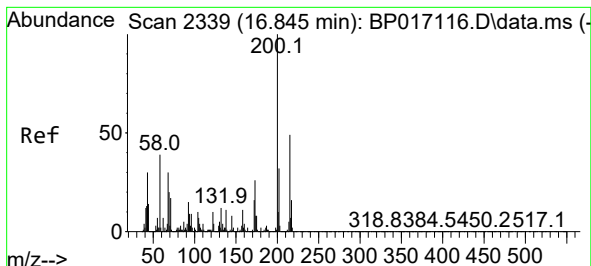
Tgt Ion:248 Resp: 73637
Ion Ratio Lower Upper
248 100
250 96.6 78.6 118.0
141 72.8 60.4 90.6



#69
Hexachlorobenzene
Concen: 4.804 ng/ul
RT: 16.645 min Scan# 2305
Delta R.T. 0.000 min
Lab File: BP017114.D
Acq: 12 Sep 2023 12:30

Tgt Ion:284 Resp: 89605
Ion Ratio Lower Upper
284 100
142 36.5 28.6 42.8
249 34.3 25.0 37.6





#70

Atrazine

Concen: 4.316 ng/ul

RT: 16.840 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP017114.D

Acq: 12 Sep 2023 12:30

Instrument :

BNA_P

ClientSampleId :

SSTD005610

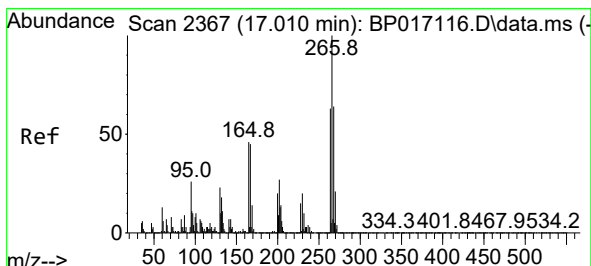
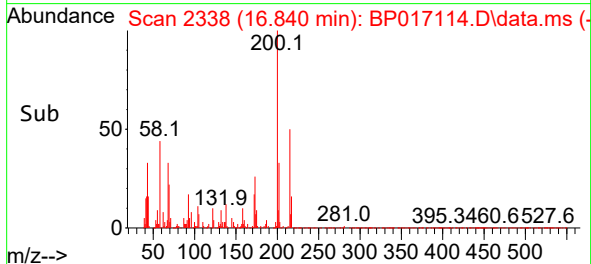
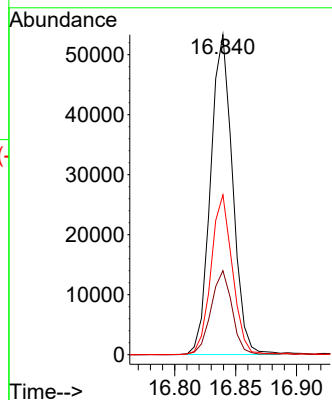
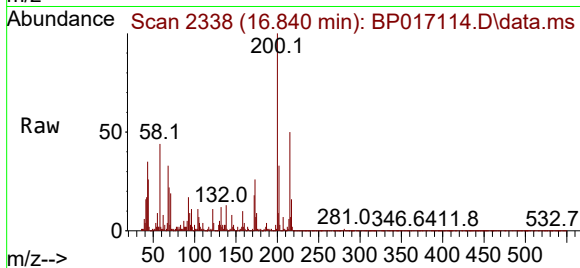
Tgt Ion:200 Resp: 67169

Ion Ratio Lower Upper

200 100

173 26.2 20.7 31.1

215 50.0 38.8 58.2



#71

Pentachlorophenol

Concen: 3.645 ng/ul

RT: 17.010 min Scan# 2367

Delta R.T. 0.000 min

Lab File: BP017114.D

Acq: 12 Sep 2023 12:30

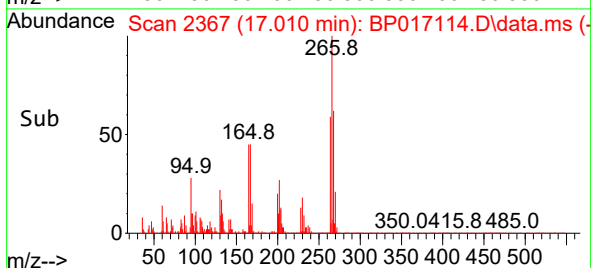
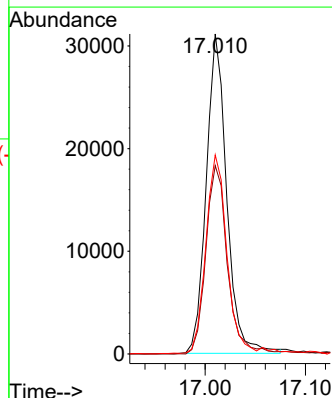
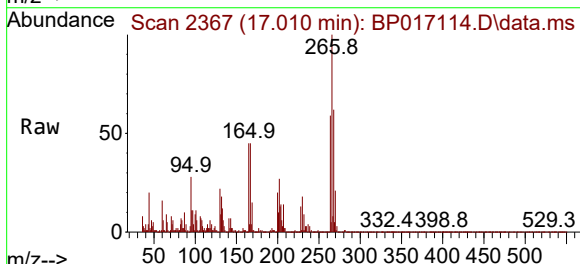
Tgt Ion:266 Resp: 44186

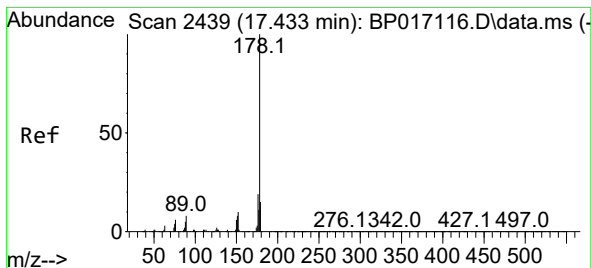
Ion Ratio Lower Upper

266 100

264 63.6 50.7 76.1

268 62.2 51.1 76.7





#72

Phenanthrene

Concen: 4.894 ng/ul

RT: 17.428 min Scan# 2438

Delta R.T. -0.006 min

Lab File: BP017114.D

Acq: 12 Sep 2023 12:30

Instrument :

BNA_P

ClientSampleId :

SSTD005610

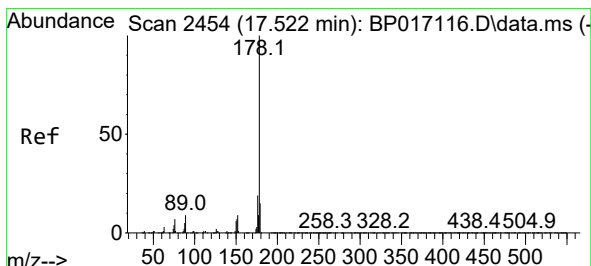
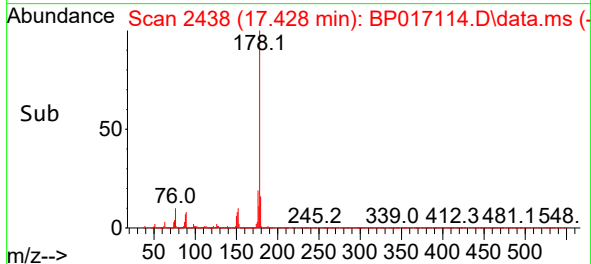
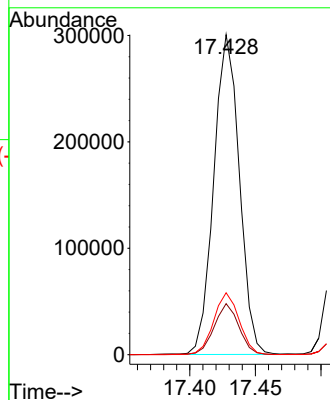
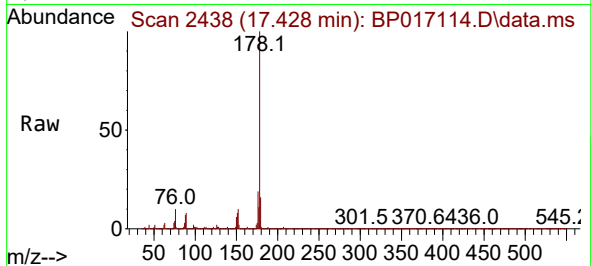
Tgt Ion:178 Resp: 406608

Ion Ratio Lower Upper

178 100

179 15.9 12.2 18.2

176 19.4 15.6 23.4



#74

Anthracene

Concen: 4.791 ng/ul

RT: 17.522 min Scan# 2454

Delta R.T. 0.000 min

Lab File: BP017114.D

Acq: 12 Sep 2023 12:30

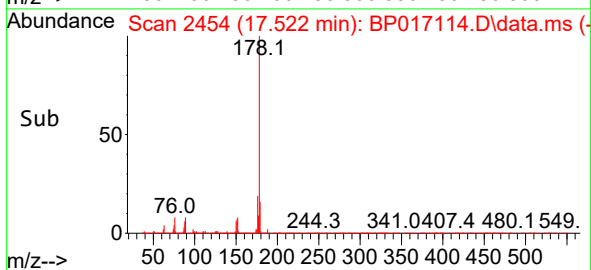
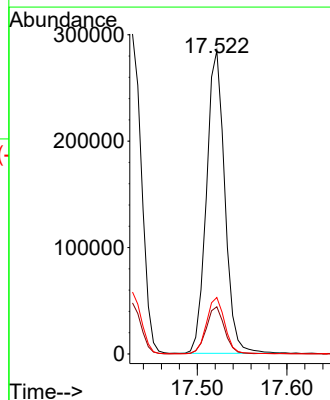
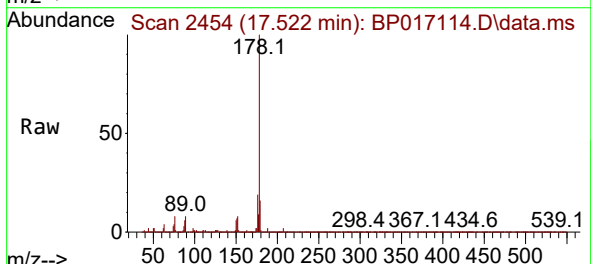
Tgt Ion:178 Resp: 403196

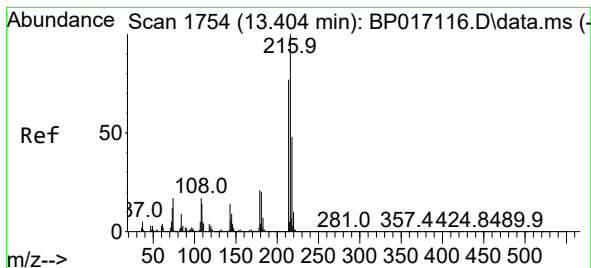
Ion Ratio Lower Upper

178 100

179 15.6 12.4 18.6

176 18.6 14.9 22.3





#75

1,2,3,4-Tetrachlorobenzene

Concen: 4.717 ng/uL

RT: 13.399 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP017114.D

Acq: 12 Sep 2023 12:30

Instrument :

BNA_P

ClientSampleId :

SSTD005610

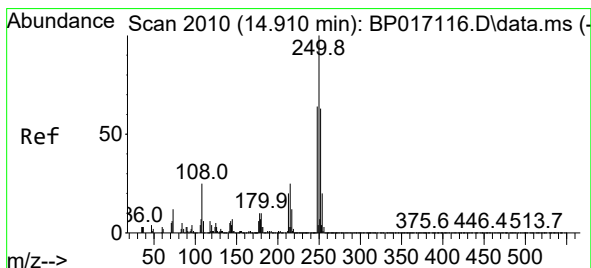
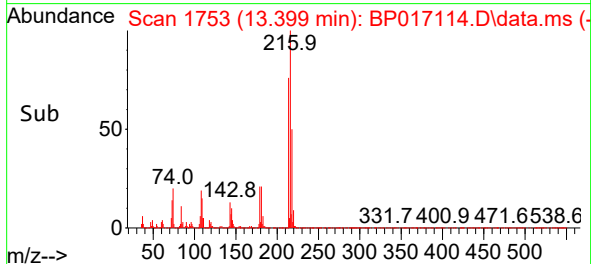
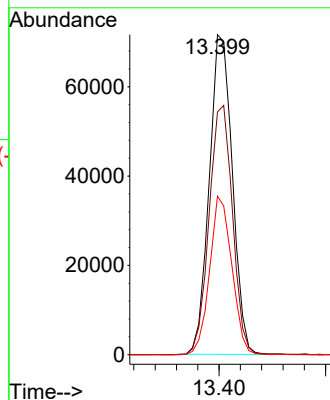
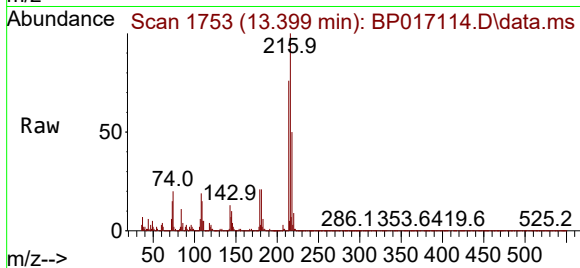
Tgt Ion:216 Resp: 107832

Ion Ratio Lower Upper

216 100

214 75.9 61.3 91.9

218 49.6 38.3 57.5



#76

Pentachlorobenzene

Concen: 4.803 ng/uL

RT: 14.910 min Scan# 2010

Delta R.T. 0.000 min

Lab File: BP017114.D

Acq: 12 Sep 2023 12:30

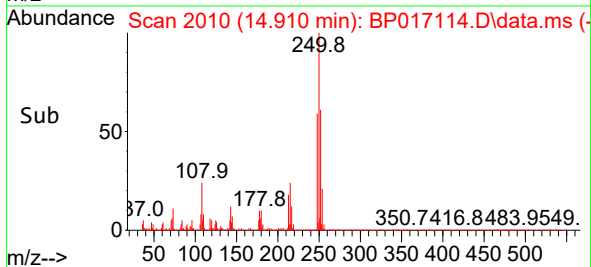
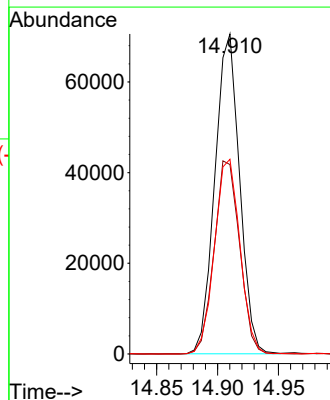
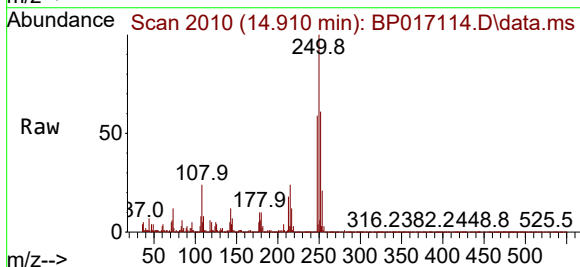
Tgt Ion:250 Resp: 99621

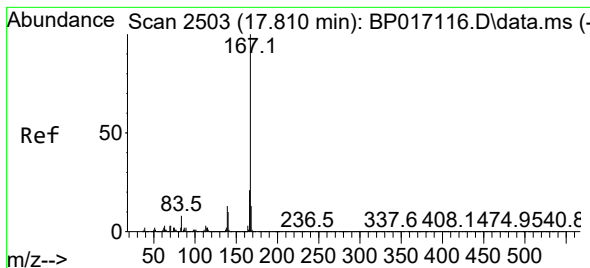
Ion Ratio Lower Upper

250 100

248 59.2 51.1 76.7

252 60.9 50.7 76.1





#77

Carbazole

Concen: 4.669 ng/ul

RT: 17.804 min Scan# 2503

Delta R.T. -0.006 min

Lab File: BP017114.D

Acq: 12 Sep 2023 12:30

Instrument :

BNA_P

ClientSampleId :

SSTD005610

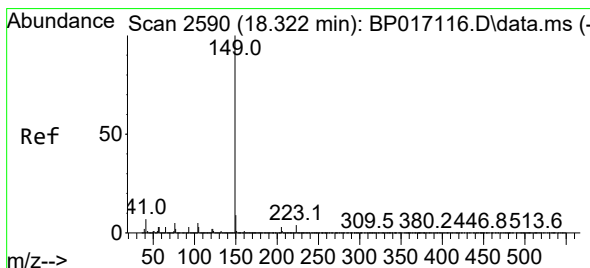
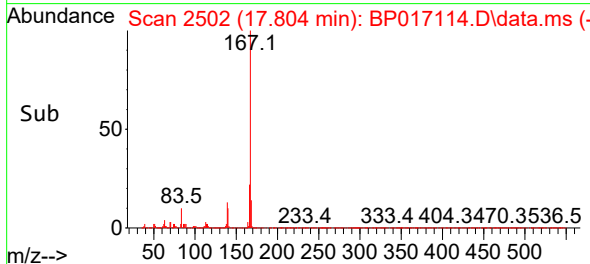
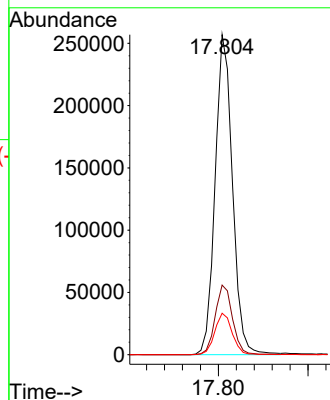
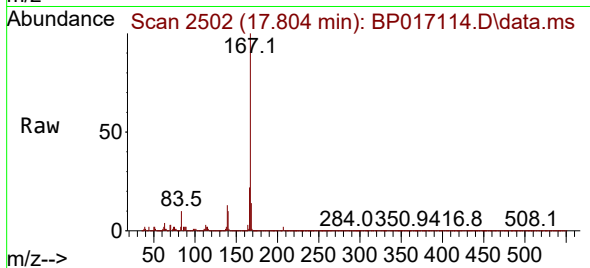
Tgt Ion:167 Resp: 345005

Ion Ratio Lower Upper

167 100

166 21.7 17.0 25.6

139 12.9 10.4 15.6



#78

Di-n-butylphthalate

Concen: 4.271 ng/ul

RT: 18.316 min Scan# 2589

Delta R.T. -0.006 min

Lab File: BP017114.D

Acq: 12 Sep 2023 12:30

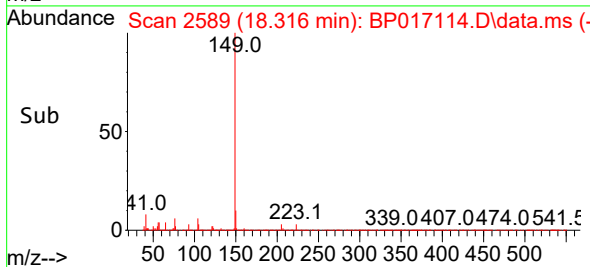
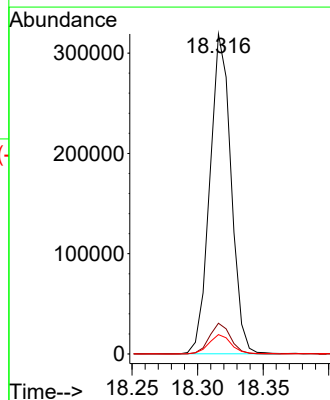
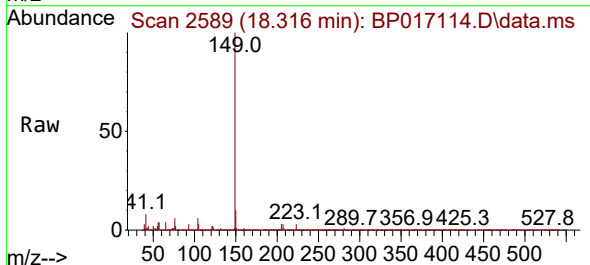
Tgt Ion:149 Resp: 359589

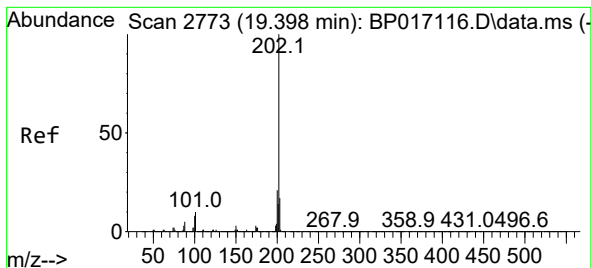
Ion Ratio Lower Upper

149 100

150 9.6 7.2 10.8

104 6.1 4.2 6.4





#80

Fluoranthene

Concen: 4.797 ng/ul

RT: 19.392 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP017114.D

Acq: 12 Sep 2023 12:30

Instrument :

BNA_P

ClientSampleId :

SSTD005610

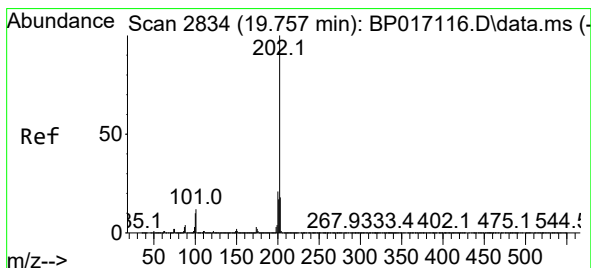
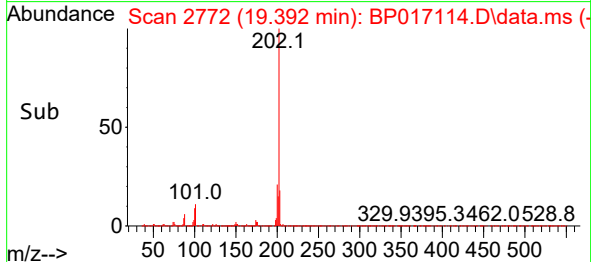
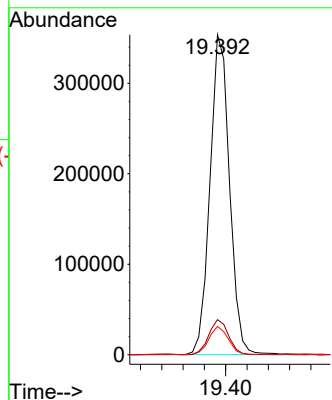
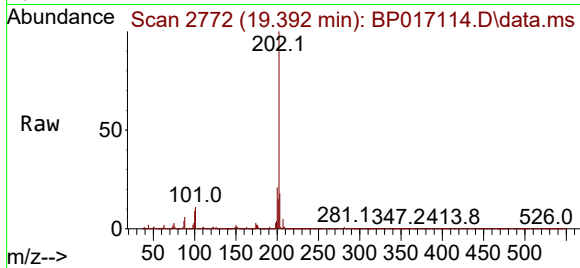
Tgt Ion:202 Resp: 448657

Ion Ratio Lower Upper

202 100

101 10.9 8.3 12.5

100 8.9 6.4 9.6



#82

Pyrene

Concen: 4.918 ng/ul

RT: 19.751 min Scan# 2833

Delta R.T. -0.006 min

Lab File: BP017114.D

Acq: 12 Sep 2023 12:30

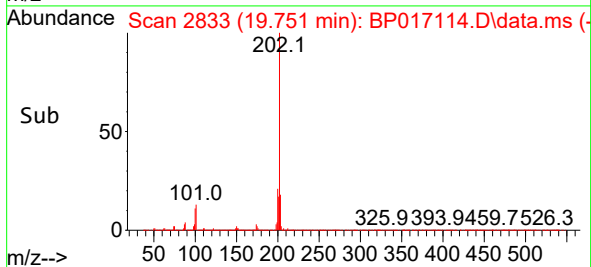
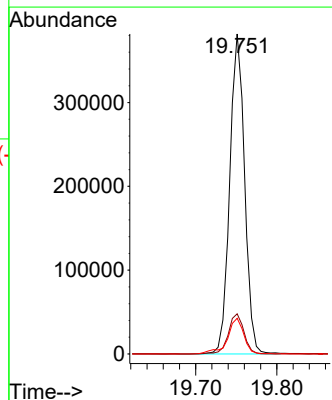
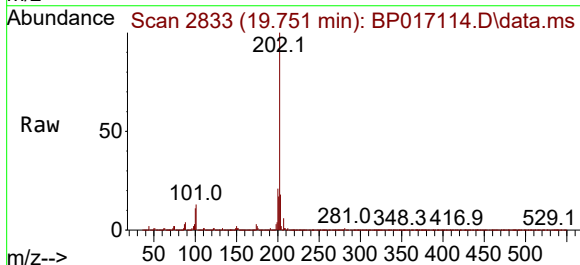
Tgt Ion:202 Resp: 486065

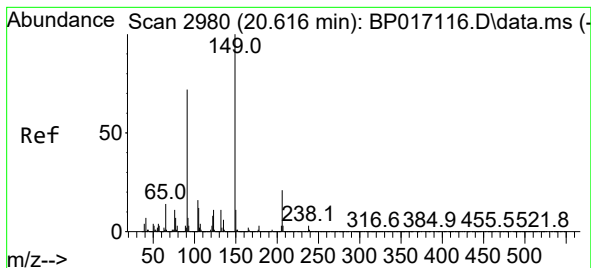
Ion Ratio Lower Upper

202 100

101 12.5 9.7 14.5

100 11.2 7.8 11.8





#83

Butylbenzylphthalate

Concen: 4.086 ng/ul

RT: 20.616 min Scan# 2980

Delta R.T. 0.000 min

Lab File: BP017114.D

Acq: 12 Sep 2023 12:30

Instrument :

BNA_P

ClientSampleId :

SSTD005610

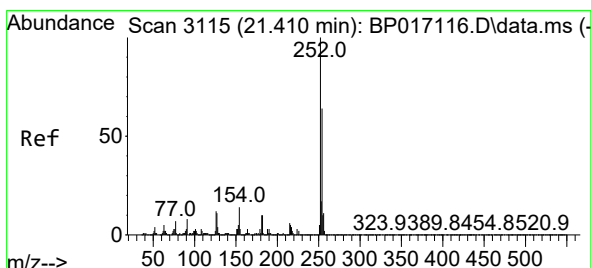
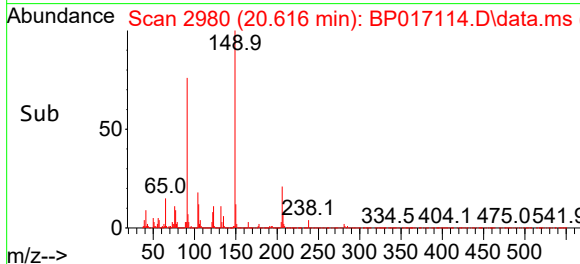
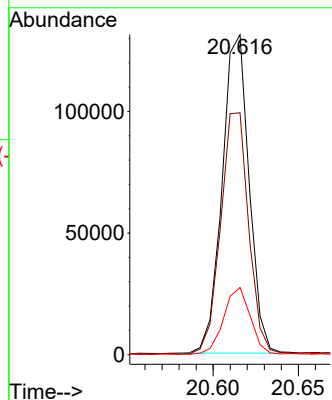
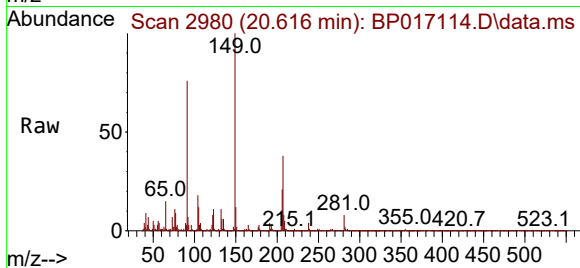
Tgt Ion:149 Resp: 144028

Ion Ratio Lower Upper

149 100

91 75.6 57.4 86.0

206 21.0 16.7 25.1



#84

3,3'-Dichlorobenzidine

Concen: 3.897 ng/ul

RT: 21.410 min Scan# 3115

Delta R.T. 0.000 min

Lab File: BP017114.D

Acq: 12 Sep 2023 12:30

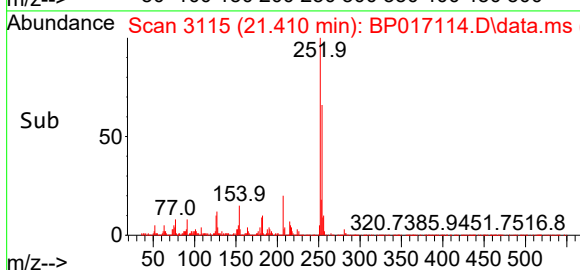
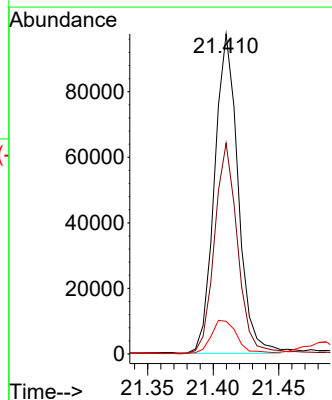
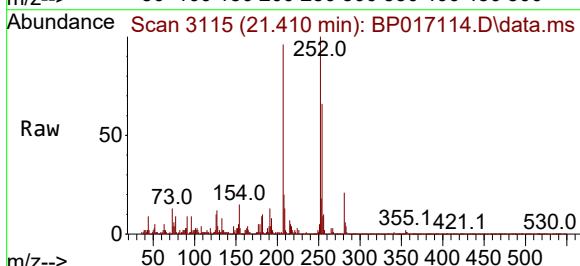
Tgt Ion:252 Resp: 121914

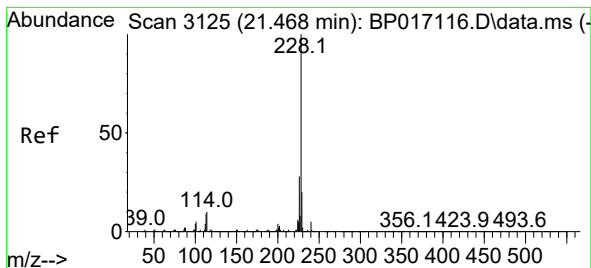
Ion Ratio Lower Upper

252 100

254 65.9 51.4 77.2

126 10.2 9.4 14.2





#85

Benzo(a)anthracene

Concen: 4.726 ng/ul

RT: 21.469 min Scan# 3125

Delta R.T. 0.000 min

Lab File: BP017114.D

Acq: 12 Sep 2023 12:30

Instrument :

BNA_P

ClientSampleId :

SSTD005610

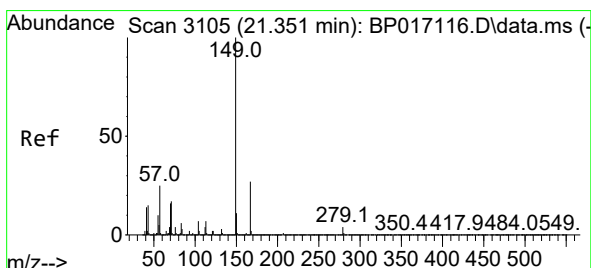
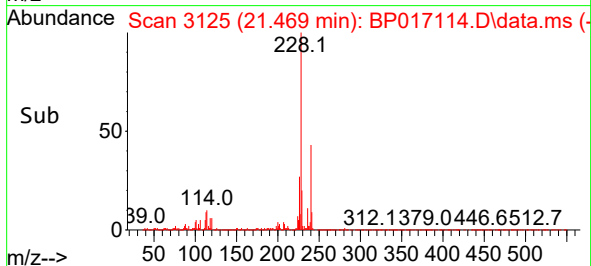
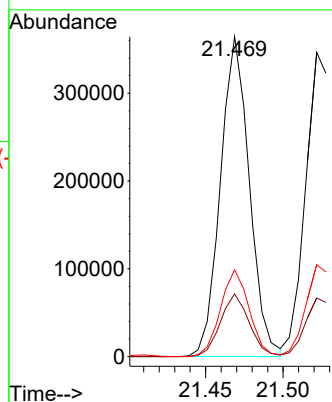
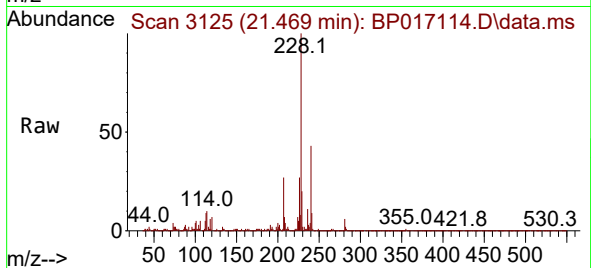
Tgt Ion:228 Resp: 472186

Ion Ratio Lower Upper

228 100

229 19.6 16.1 24.1

226 27.2 22.2 33.4



#86

Bis(2-ethylhexyl)phthalate

Concen: 3.977 ng/ul

RT: 21.345 min Scan# 3104

Delta R.T. -0.006 min

Lab File: BP017114.D

Acq: 12 Sep 2023 12:30

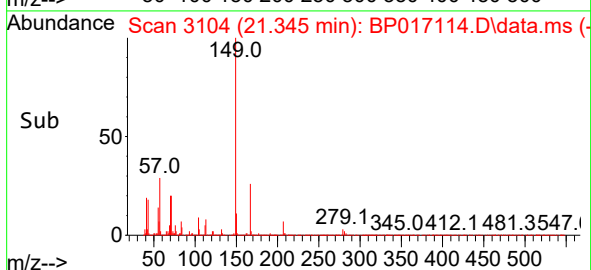
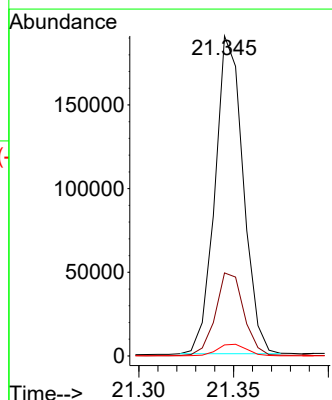
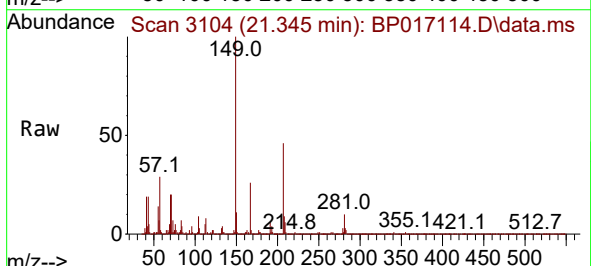
Tgt Ion:149 Resp: 196783

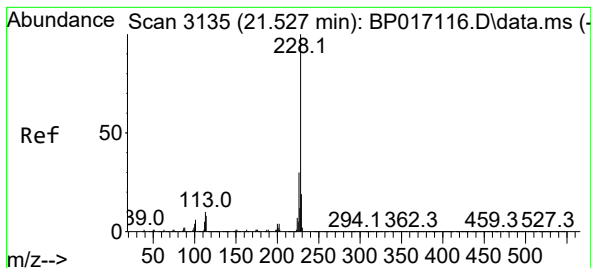
Ion Ratio Lower Upper

149 100

167 26.0 21.3 31.9

279 3.5 3.4 5.2





#87

Chrysene

Concen: 4.820 ng/ul

RT: 21.522 min Scan# 3135

Delta R.T. -0.006 min

Lab File: BP017114.D

Acq: 12 Sep 2023 12:30

Instrument :

BNA_P

ClientSampleId :

SSTD005610

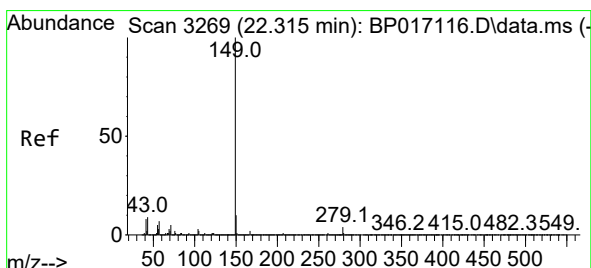
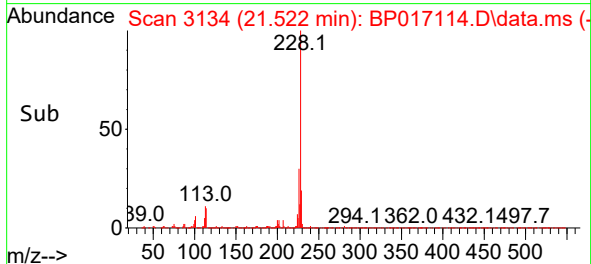
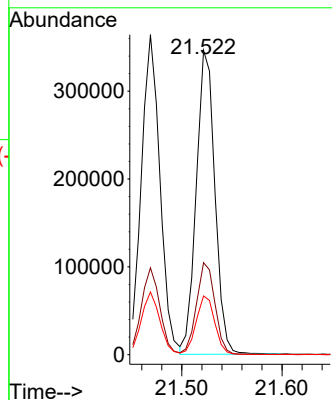
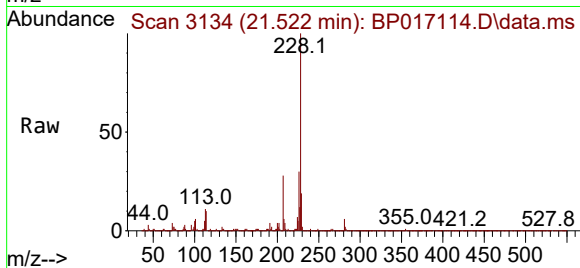
Tgt Ion:228 Resp: 447919

Ion Ratio Lower Upper

228 100

226 30.2 23.9 35.9

229 19.3 15.3 22.9



#89

Di-n-octyl phthalate

Concen: 3.769 ng/ul

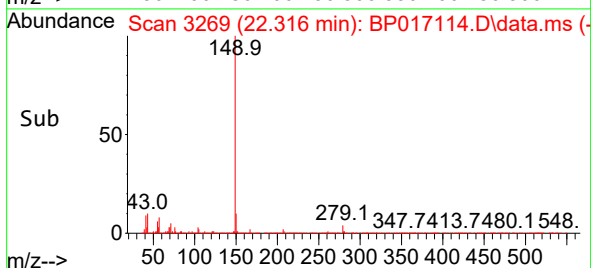
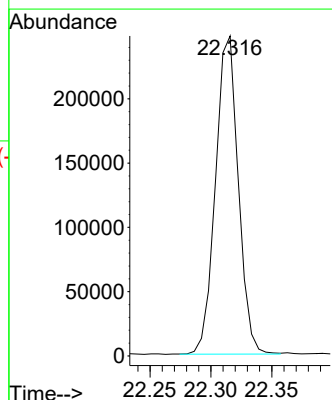
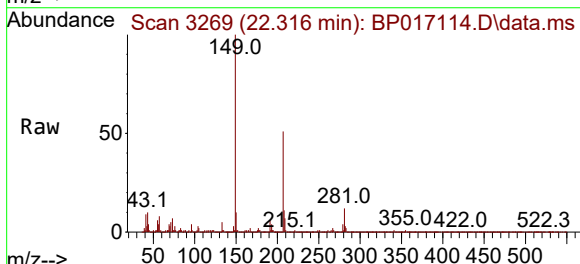
RT: 22.316 min Scan# 3269

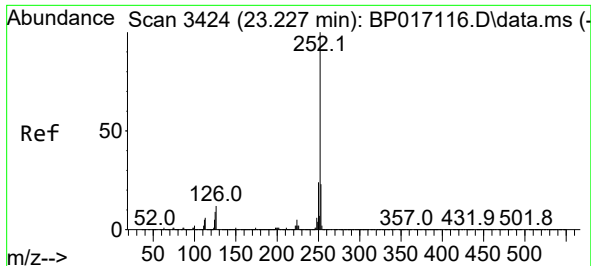
Delta R.T. 0.000 min

Lab File: BP017114.D

Acq: 12 Sep 2023 12:30

Tgt Ion:149 Resp: 322220

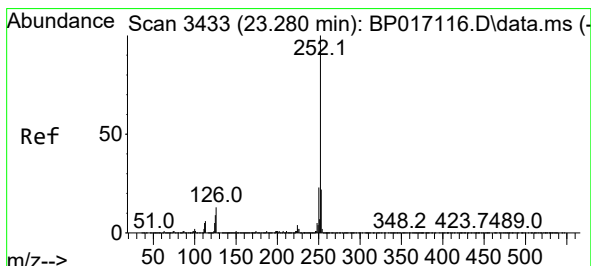
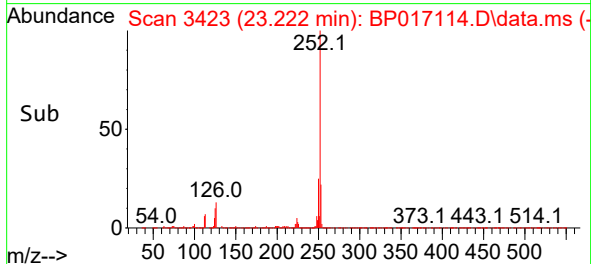
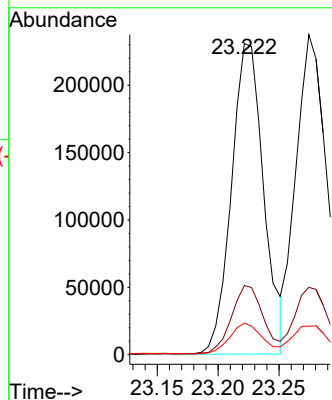
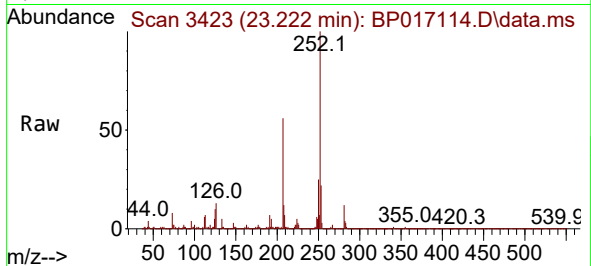




#90
Benzo(b)fluoranthene
Concen: 4.669 ng/ul
RT: 23.222 min Scan# 3423
Delta R.T. -0.006 min
Lab File: BP017114.D
Acq: 12 Sep 2023 12:30

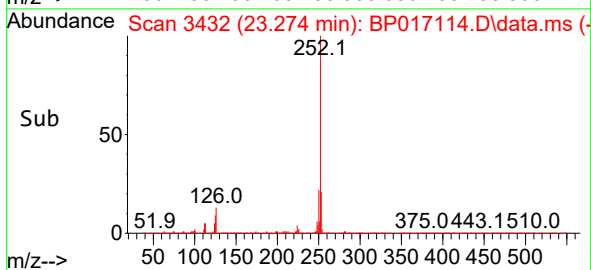
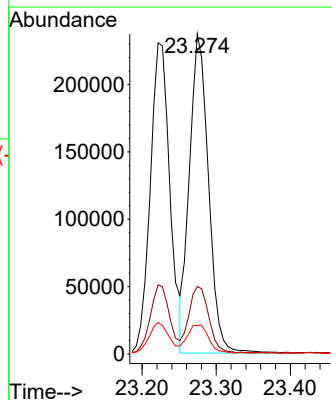
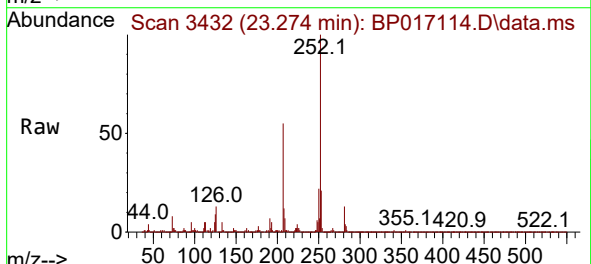
Instrument :
BNA_P
ClientSampleId :
SSTD005610

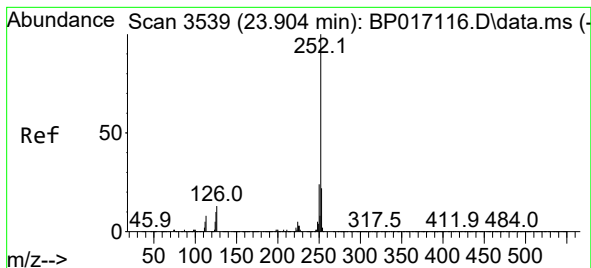
Tgt Ion:252 Resp: 424310
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 10.1 7.5 11.3



#91
Benzo(k)fluoranthene
Concen: 4.692 ng/ul
RT: 23.274 min Scan# 3432
Delta R.T. -0.006 min
Lab File: BP017114.D
Acq: 12 Sep 2023 12:30

Tgt Ion:252 Resp: 423906
Ion Ratio Lower Upper
252 100
253 21.0 17.8 26.6
125 8.9 7.4 11.2





#93

Benzo(a)pyrene

Concen: 4.574 ng/ul

RT: 23.898 min Scan# 3538

Delta R.T. -0.006 min

Lab File: BP017114.D

Acq: 12 Sep 2023 12:30

Instrument :

BNA_P

ClientSampleId :

SSTD005610

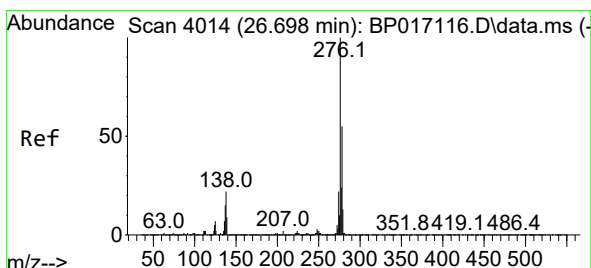
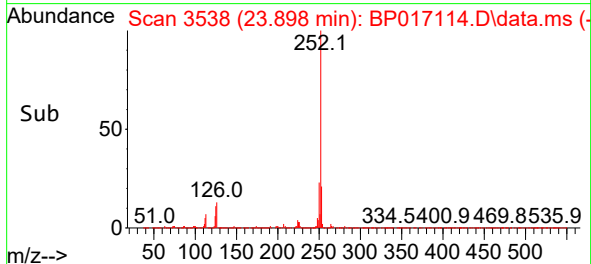
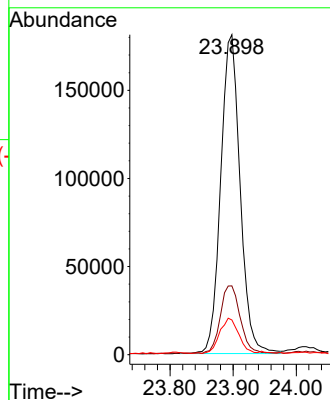
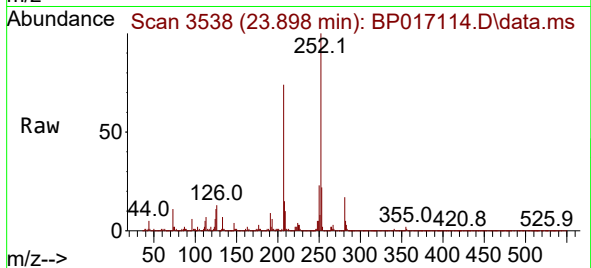
Tgt Ion:252 Resp: 385646

Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.2

125 10.8 8.1 12.1



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.430 ng/ul

RT: 26.686 min Scan# 4012

Delta R.T. -0.012 min

Lab File: BP017114.D

Acq: 12 Sep 2023 12:30

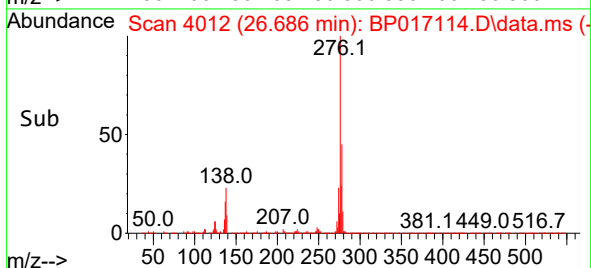
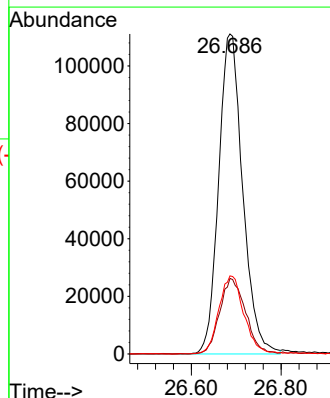
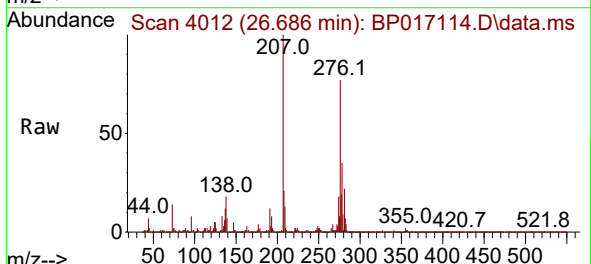
Tgt Ion:276 Resp: 413567

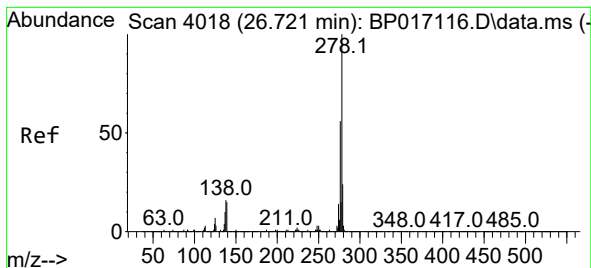
Ion Ratio Lower Upper

276 100

138 23.6 17.5 26.3

277 24.4 19.6 29.4





#95

Dibenzo(a,h)anthracene

Concen: 4.399 ng/ul

RT: 26.710 min Scan# 4018

Delta R.T. -0.012 min

Lab File: BP017114.D

Acq: 12 Sep 2023 12:30

Instrument :

BNA_P

ClientSampleId :

SSTD005610

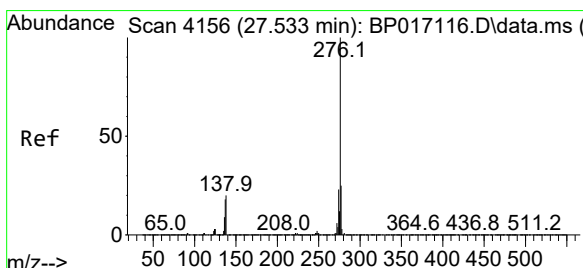
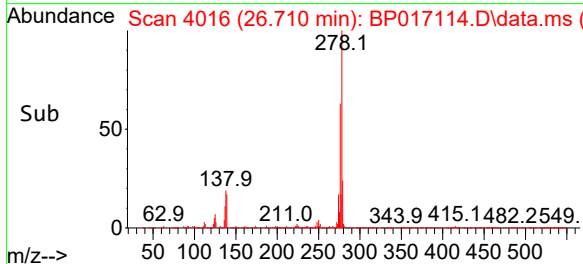
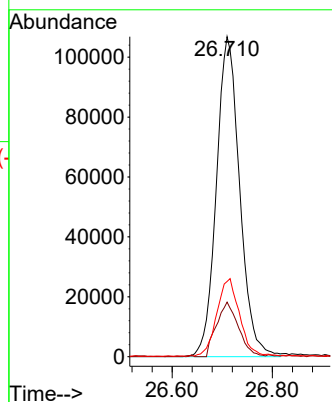
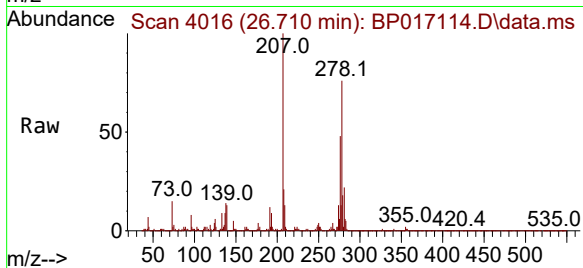
Tgt Ion:278 Resp: 344980

Ion Ratio Lower Upper

278 100

139 17.1 11.9 17.9

279 23.5 19.0 28.6



#96

Benzo(g,h,i)perylene

Concen: 4.504 ng/ul

RT: 27.521 min Scan# 4154

Delta R.T. -0.012 min

Lab File: BP017114.D

Acq: 12 Sep 2023 12:30

Tgt Ion:276 Resp: 325152

Ion Ratio Lower Upper

276 100

138 20.4 16.2 24.4

277 24.1 19.6 29.4

