

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051123\
 Data File : BP015060.D
 Acq On : 11 May 2023 11:39
 Operator : CG/JU
 Sample : SST00571
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SST005611

Quant Time: May 11 22:11:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 11 15:04:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.140	152	333154	20.000	ng/u1	0.00
20) Naphthalene-d8	10.975	136	1480907	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.787	164	992068	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.540	188	2164968	20.000	ng/u1	0.00
79) Chrysene-d12	21.622	240	1947675	20.000	ng/u1	0.00
88) Perylene-d12	24.204	264	2202685	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.440	96	16970	1.979	ng/uL	0.00
4) Pyridine-d5	3.887	84	108043	4.445	ng/u1	0.00
7) Phenol-d5	7.293	99	129701	4.193	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.458	67	81601	4.568	ng/u1	0.00
11) 2-Chlorophenol-d4	7.669	132	100596	4.423	ng/u1	0.00
15) 4-Methylphenol-d8	8.852	113	103349	4.193	ng/u1	0.00
21) Nitrobenzene-d5	9.316	128	48996	4.210	ng/u1	0.00
24) 2-Nitrophenol-d4	10.046	143	53859	4.160	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.593	165	103219	4.418	ng/u1	0.00
31) 4-Chloroaniline-d4	11.110	131	160101	4.631	ng/u1	0.00
46) Dimethylphthalate-d6	14.187	166	348980	4.655	ng/u1	0.00
49) Acenaphthylene-d8	14.481	160	388494	4.531	ng/u1	0.00
54) 4-Nitrophenol-d4	14.975	143	53662	3.686	ng/u1	0.00
60) Fluorene-d10	15.775	176	299044	4.727	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.893	200	47217	3.461	ng/u1	0.00
73) Anthracene-d10	17.639	188	463062	4.671	ng/u1	0.00
81) Pyrene-d10	19.857	212	529750	4.690	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.033	264	508310	4.649	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.476	88	17812	1.933	ng/uL#	89
5) Pyridine	3.911	79	107011	4.233	ng/u1	97
6) Benzaldehyde	7.269	77	31297	3.681	ng/u1	98
8) Phenol	7.316	94	134141	4.229	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.552	93	114754	4.522	ng/u1	98
12) 2-Chlorophenol	7.699	128	107302	4.460	ng/u1	99
13) 2-Methylphenol	8.587	108	104702	4.271	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.681	45	147023	4.624	ng/u1	97
16) Acetophenone	8.975	105	183102	4.760	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.952	70	92679	4.594	ng/u1	97
18) 4-Methylphenol	8.922	108	115506	4.281	ng/u1	97
19) Hexachloroethane	9.234	117	44823	4.563	ng/u1	94
22) Nitrobenzene	9.363	77	127679	4.442	ng/u1	99
23) Isophorone	9.893	82	275684	4.667	ng/u1	99
25) 2-Nitrophenol	10.081	139	59981	4.224	ng/u1	96
26) 2,4-Dimethylphenol	10.134	107	126981	4.482	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.369	93	168969	4.701	ng/u1	98
29) 2,4-Dichlorophenol	10.622	162	107114	4.539	ng/u1	97
30) Naphthalene	11.028	128	378900	4.706	ng/u1	99
32) 4-Chloroaniline	11.134	127	166707	4.692	ng/u1	98
33) Hexachlorobutadiene	11.305	225	67473	4.744	ng/u1	97
34) Caprolactam	11.905	113	41037	4.612	ng/u1	92
35) 4-Chloro-3-methylphenol	12.246	107	117610	4.413	ng/u1	100
36) 2-Methylnaphthalene	12.622	142	256581	4.730	ng/u1	99

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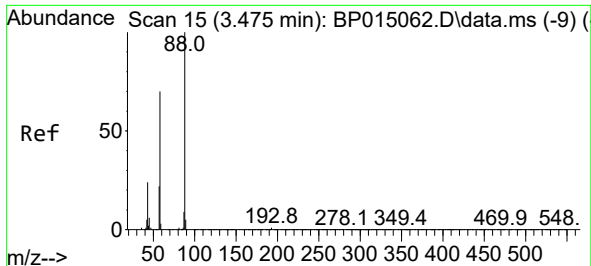
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.840	142	255887	4.697	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.987	216	134080	4.519	ng/ul	98
40) Hexachlorocyclopentadiene	12.963	237	70110	3.647	ng/ul	99
41) 2,4,6-Trichlorophenol	13.222	196	100268	4.786	ng/ul	99
42) 2,4,5-Trichlorophenol	13.299	196	107633	4.738	ng/ul	98
43) 1,1'-Biphenyl	13.622	154	359578	4.672	ng/ul	98
44) 2-Chloronaphthalene	13.669	162	278683	4.636	ng/ul	97
45) 2-Nitroaniline	13.869	65	69412	4.036	ng/ul	94
47) Dimethylphthalate	14.234	163	368648	4.722	ng/ul	100
48) 2,6-Dinitrotoluene	14.357	165	61559	3.980	ng/ul	95
50) Acenaphthylene	14.510	152	442549	4.626	ng/ul	99
51) 3-Nitroaniline	14.687	138	43712	3.138	ng/ul#	96
52) Acenaphthene	14.851	153	306561	4.692	ng/ul	99
53) 2,4-Dinitrophenol	14.898	184	27671	2.694	ng/ul	93
55) 4-Nitrophenol	14.993	109	41983	3.921	ng/ul	92
56) Dibenzofuran	15.181	168	429120	4.722	ng/ul	100
57) 2,4-Dinitrotoluene	15.146	165	91050	4.068	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.410	232	84674	4.417	ng/ul	97
59) Diethylphthalate	15.593	149	371150	4.766	ng/ul	100
61) Fluorene	15.834	166	355909	4.873	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.822	204	173049	4.849	ng/ul	99
63) 4-Nitroaniline	15.851	138	36645	3.047	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.910	198	51961	3.690	ng/ul#	94
67) N-Nitrosodiphenylamine	16.034	169	299639	4.707	ng/ul	98
68) 4-Bromophenyl-phenylether	16.722	248	102977	4.618	ng/ul	94
69) Hexachlorobenzene	16.840	284	122195	4.637	ng/ul	98
70) Atrazine	16.987	200	108417	4.608	ng/ul	100
71) Pentachlorophenol	17.187	266	65623	3.981	ng/ul	98
72) Phenanthrene	17.587	178	561819	4.766	ng/ul	100
74) Anthracene	17.675	178	568691	4.770	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.587	216	139856	4.556	ng/uL	98
76) Pentachlorobenzene	15.104	250	143090	4.643	ng/uL	98
77) Carbazole	17.939	167	499610	4.779	ng/ul	100
78) Di-n-butylphthalate	18.469	149	650687	4.834	ng/ul	100
80) Fluoranthene	19.534	202	648297	4.709	ng/ul	99
82) Pyrene	19.886	202	683495	4.807	ng/ul	99
83) Butylbenzylphthalate	20.739	149	296819	4.709	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.528	252	186360	4.357	ng/ul	97
85) Benzo(a)anthracene	21.604	228	639848	4.751	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.498	149	430601	4.745	ng/ul	99
87) Chrysene	21.657	228	617879	4.800	ng/ul	99
89) Di-n-octyl phthalate	22.480	149	725012	4.806	ng/ul	100
90) Benzo(b)fluoranthene	23.404	252	642603	4.602	ng/ul	100
91) Benzo(k)fluoranthene	23.457	252	647821	4.831	ng/ul	100
93) Benzo(a)pyrene	24.086	252	580772	4.705	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.933	276	735090	4.600	ng/ul	98
95) Dibenzo(a,h)anthracene	26.951	278	607825	4.633	ng/ul	99
96) Benzo(g,h,i)perylene	27.774	276	602689	4.625	ng/ul	98

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

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Response via : Initial Calibration

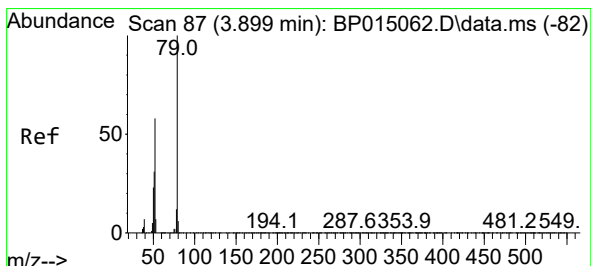
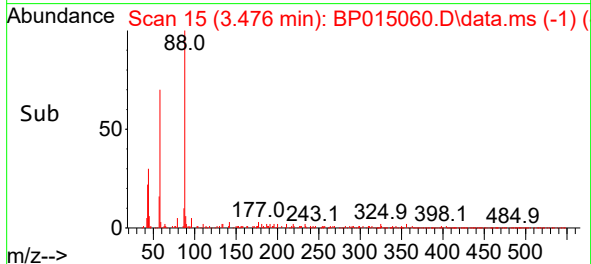
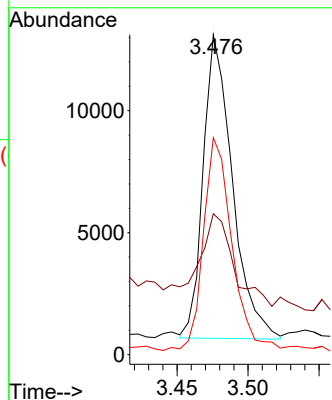
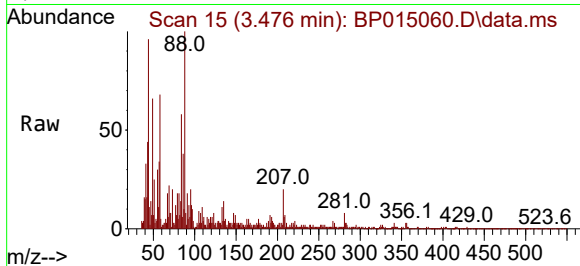




#2
1,4-Dioxane
Concen: 1.933 ng/uL
RT: 3.476 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP015060.D
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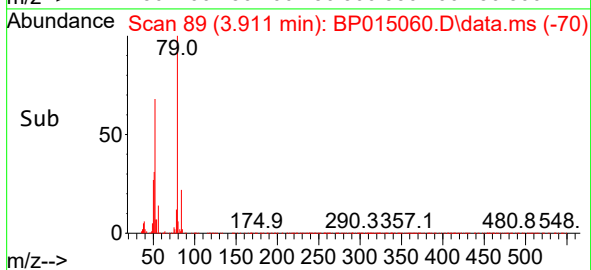
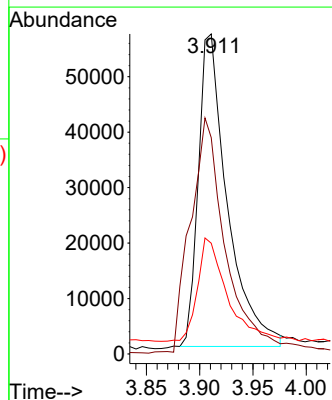
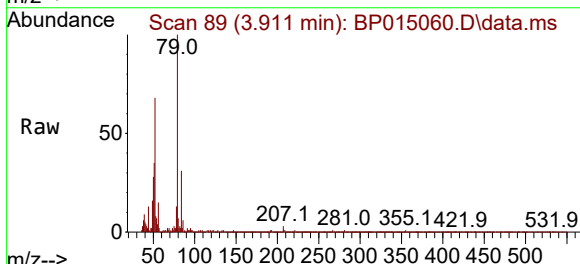
Instrument :
BNA_P
ClientSampleId :
SSTD005611

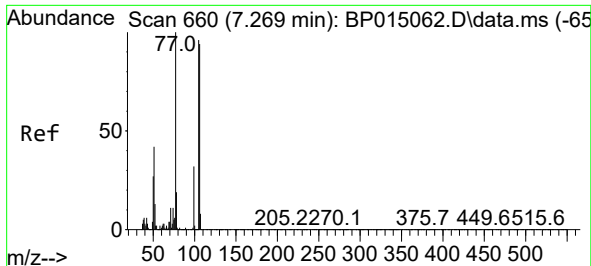
Tgt Ion: 88 Resp: 17812
Ion Ratio Lower Upper
88 100
43 44.0 20.4 30.6#
58 67.8 55.4 83.2



#5
Pyridine
Concen: 4.233 ng/uL
RT: 3.911 min Scan# 89
Delta R.T. 0.012 min
Lab File: BP015060.D
Acq: 11 May 2023 11:39

Tgt Ion: 79 Resp: 107011
Ion Ratio Lower Upper
79 100
52 67.6 55.4 83.2
51 34.6 25.4 38.2

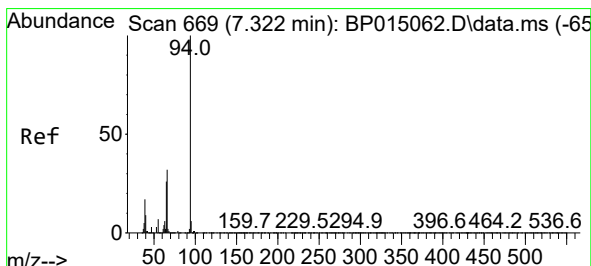
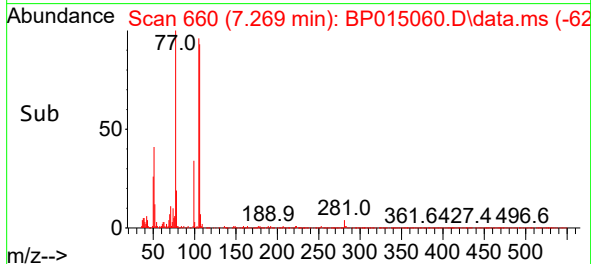
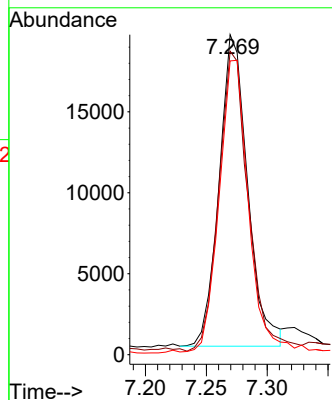
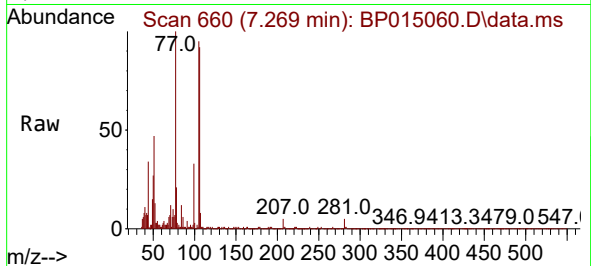




#6
Benzaldehyde
Concen: 3.681 ng/ul
RT: 7.269 min Scan# 660
Delta R.T. 0.000 min
Lab File: BP015060.D
Acq: 11 May 2023 11:39

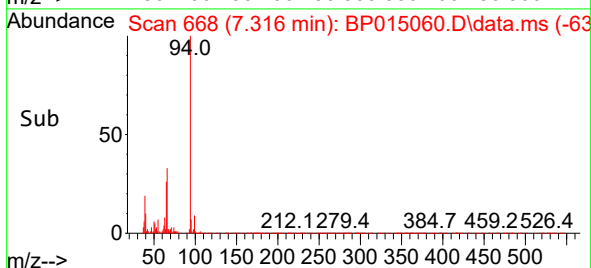
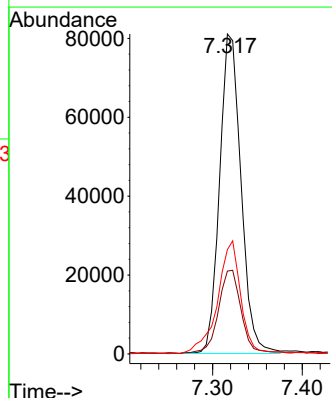
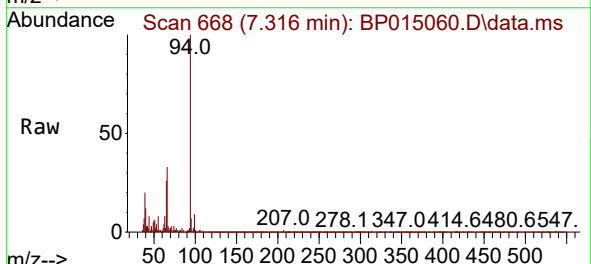
Instrument :
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ClientSampleId :
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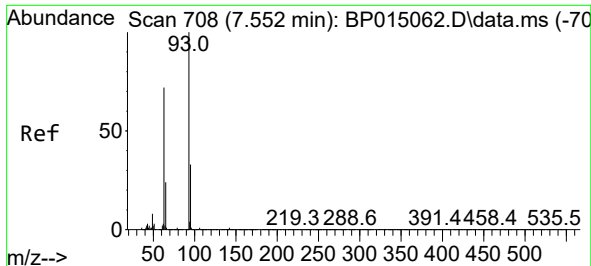
Tgt Ion: 77 Resp: 31297
Ion Ratio Lower Upper
77 100
105 94.9 76.9 115.3
106 91.8 75.0 112.6



#8
Phenol
Concen: 4.229 ng/ul
RT: 7.316 min Scan# 668
Delta R.T. -0.006 min
Lab File: BP015060.D
Acq: 11 May 2023 11:39

Tgt Ion: 94 Resp: 134141
Ion Ratio Lower Upper
94 100
65 25.9 20.6 31.0
66 32.6 26.1 39.1

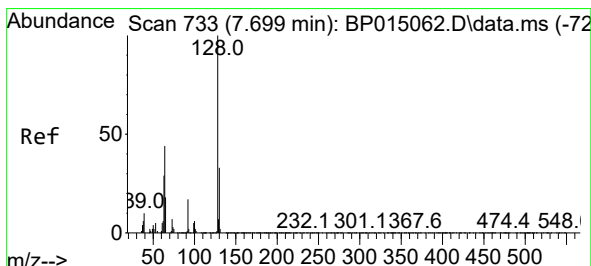
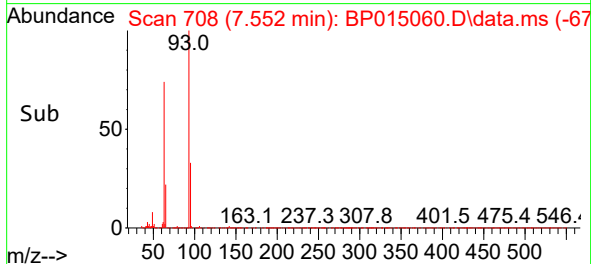
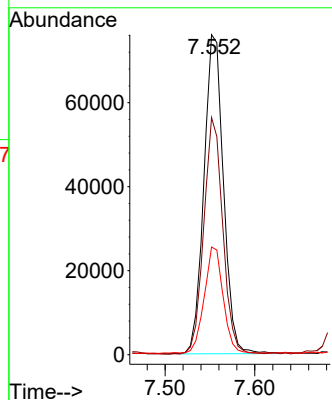
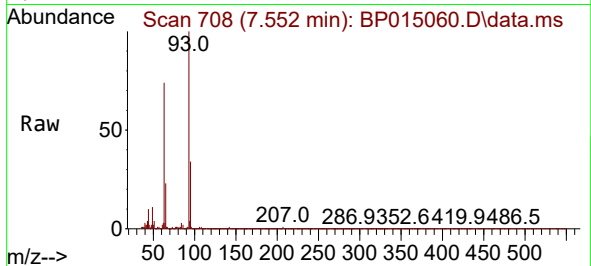




#10
Bis(2-Chloroethyl)ether
Concen: 4.522 ng/ul
RT: 7.552 min Scan# 708
Delta R.T. 0.000 min
Lab File: BP015060.D
Acq: 11 May 2023 11:39

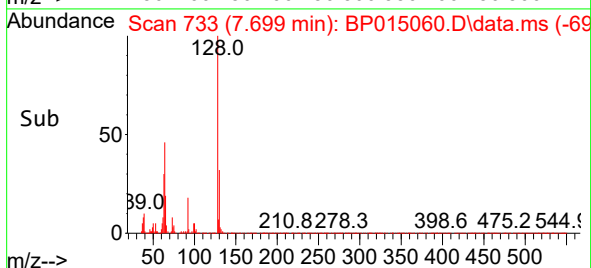
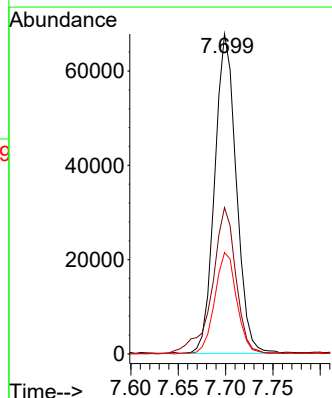
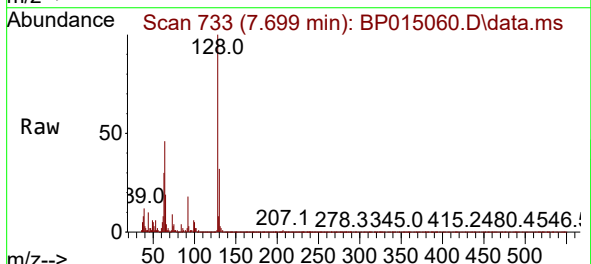
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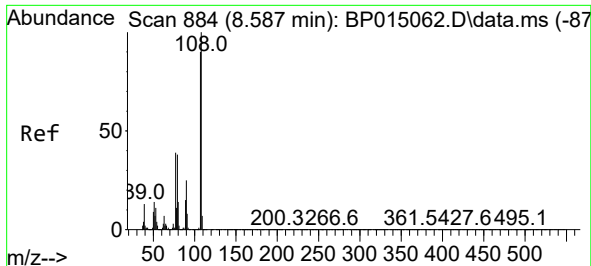
Tgt Ion: 93 Resp: 114754
Ion Ratio Lower Upper
93 100
63 74.1 58.0 87.0
95 33.7 26.4 39.6



#12
2-Chlorophenol
Concen: 4.460 ng/ul
RT: 7.699 min Scan# 733
Delta R.T. 0.000 min
Lab File: BP015060.D
Acq: 11 May 2023 11:39

Tgt Ion:128 Resp: 107302
Ion Ratio Lower Upper
128 100
64 45.8 36.2 54.2
130 31.7 26.3 39.5

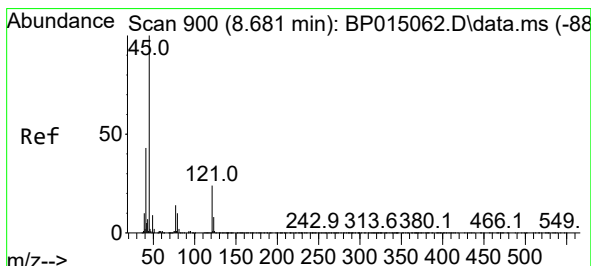
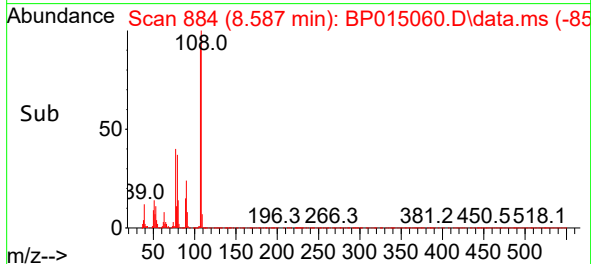
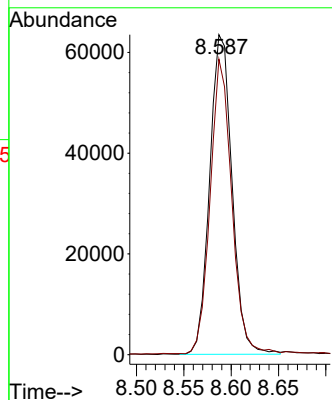
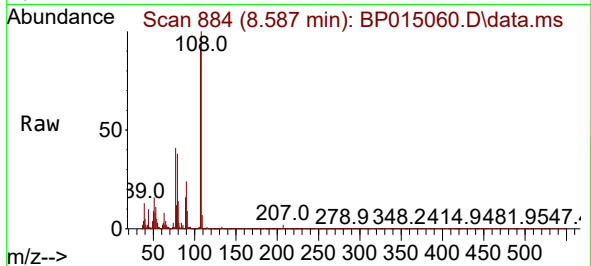




#13
2-Methylphenol
Concen: 4.271 ng/ul
RT: 8.587 min Scan# 884
Delta R.T. 0.000 min
Lab File: BP015060.D
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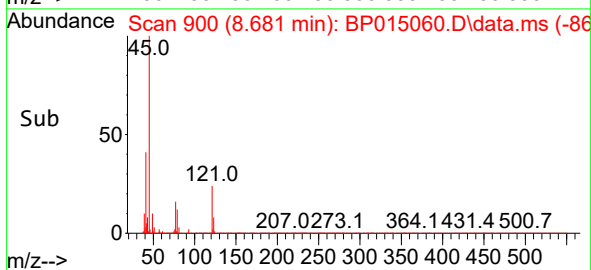
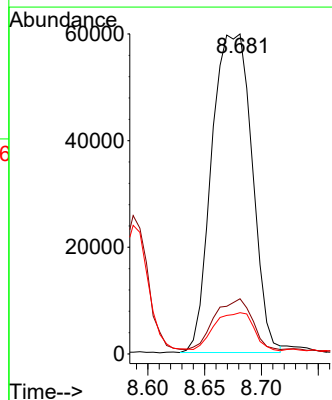
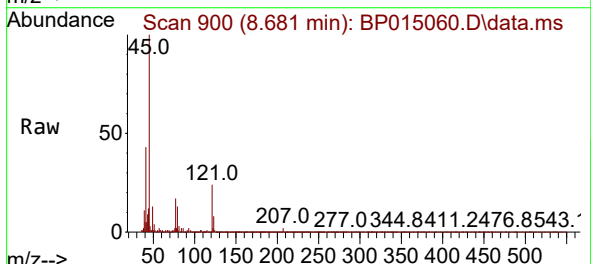
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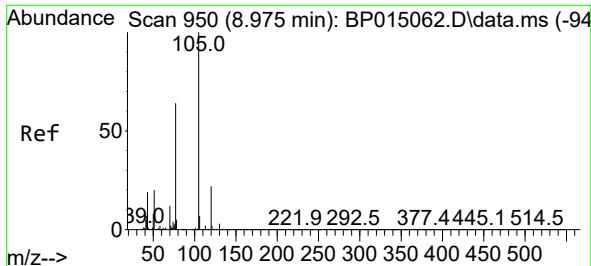
Tgt Ion:108 Resp: 104702
Ion Ratio Lower Upper
108 100
107 92.3 71.8 107.6



#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.624 ng/ul
RT: 8.681 min Scan# 900
Delta R.T. 0.000 min
Lab File: BP015060.D
Acq: 11 May 2023 11:39

Tgt Ion: 45 Resp: 147023
Ion Ratio Lower Upper
45 100
77 17.2 12.8 19.2
79 12.9 9.5 14.3

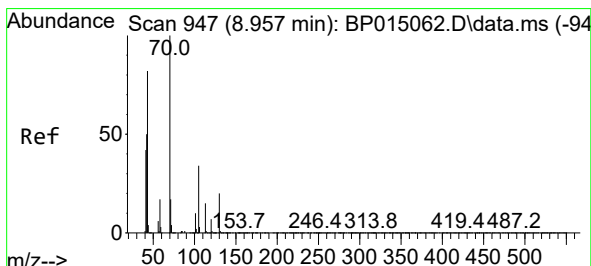
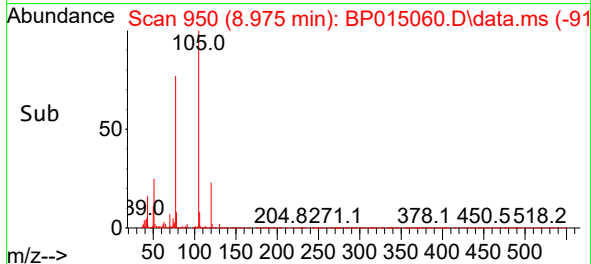
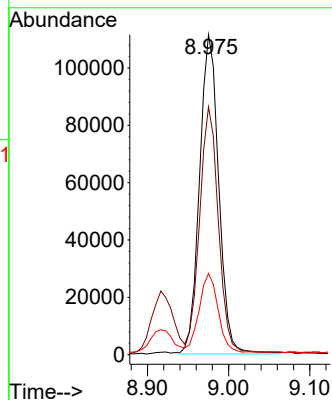
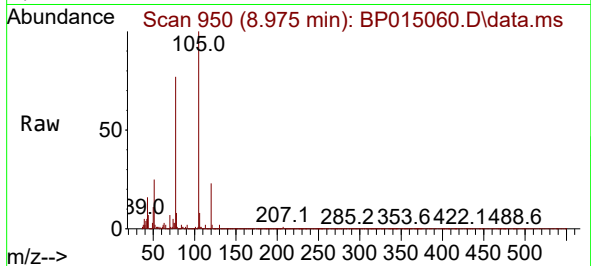




#16
Acetophenone
Concen: 4.760 ng/ul
RT: 8.975 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP015060.D
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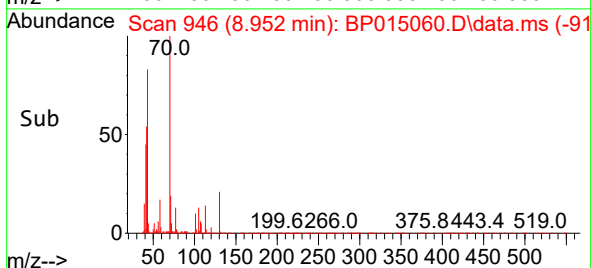
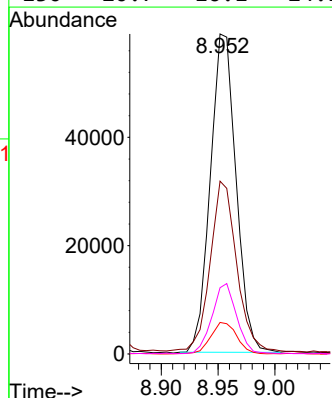
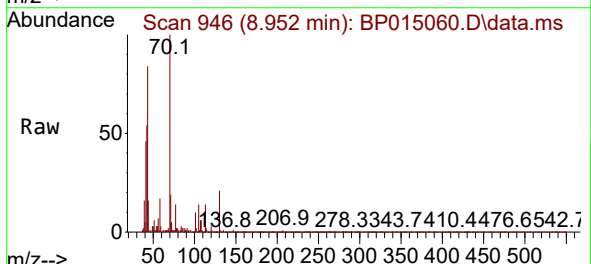
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ClientSampleId :
SSTD005611

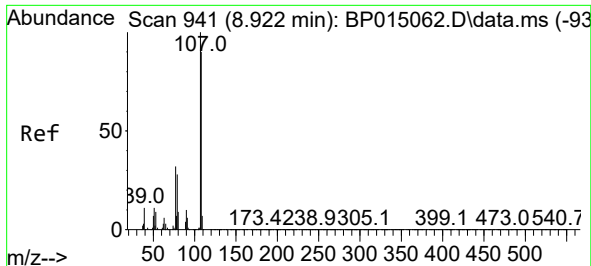
Tgt Ion:105 Resp: 183102
Ion Ratio Lower Upper
105 100
77 77.4 59.4 89.2
51 25.4 19.2 28.8



#17
N-Nitroso-di-n-propylamine
Concen: 4.594 ng/ul
RT: 8.952 min Scan# 946
Delta R.T. -0.006 min
Lab File: BP015060.D
Acq: 11 May 2023 11:39

Tgt Ion: 70 Resp: 92679
Ion Ratio Lower Upper
70 100
42 54.0 41.0 61.6
101 9.9 7.9 11.9
130 20.7 16.1 24.1

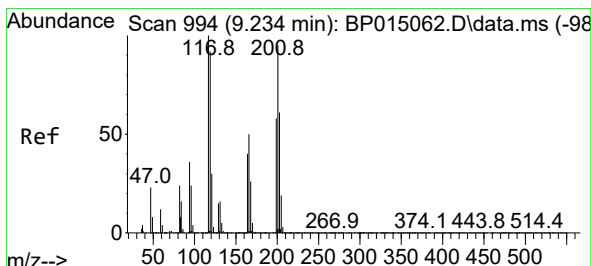
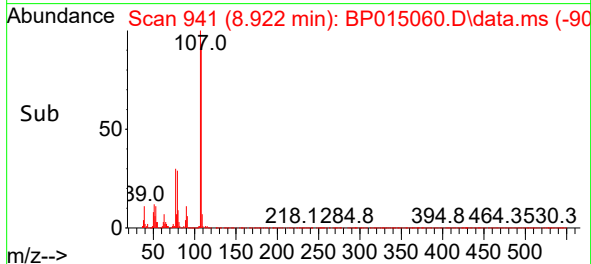
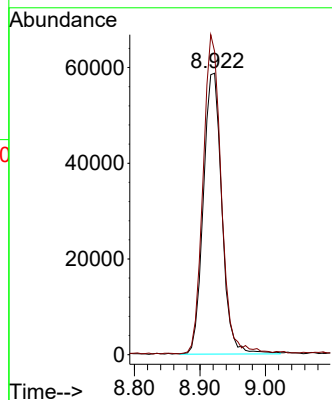
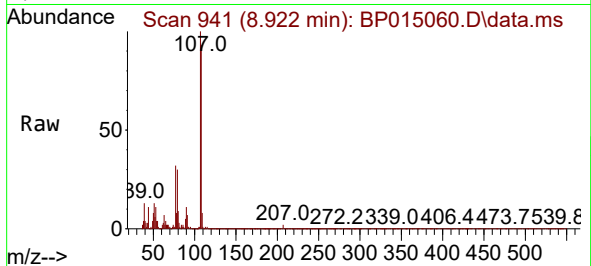




#18
4-Methylphenol
Concen: 4.281 ng/ul
RT: 8.922 min Scan# 941
Delta R.T. 0.000 min
Lab File: BP015060.D
Acq: 11 May 2023 11:39

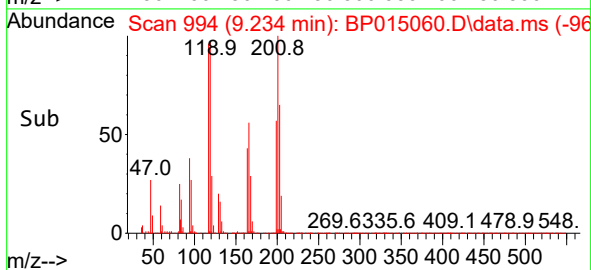
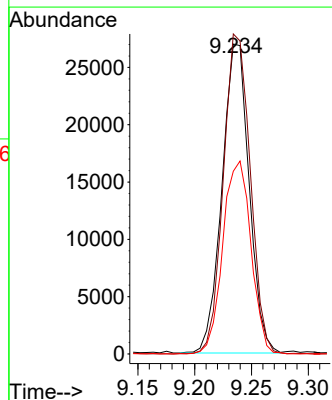
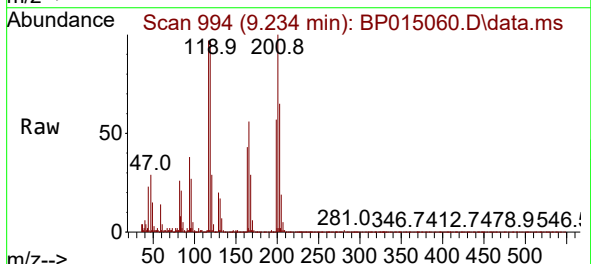
Instrument :
BNA_P
ClientSampleId :
SSTD005611

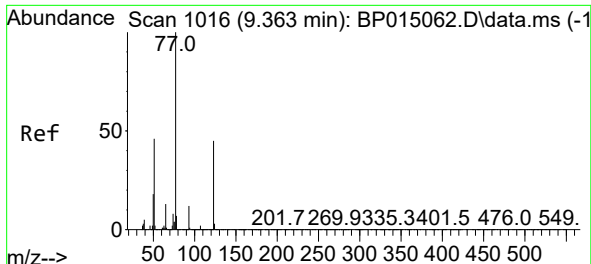
Tgt Ion:108 Resp: 115506
Ion Ratio Lower Upper
108 100
107 107.8 88.5 132.7



#19
Hexachloroethane
Concen: 4.563 ng/ul
RT: 9.234 min Scan# 994
Delta R.T. 0.000 min
Lab File: BP015060.D
Acq: 11 May 2023 11:39

Tgt Ion:117 Resp: 44823
Ion Ratio Lower Upper
117 100
201 103.3 75.8 113.8
199 59.0 46.5 69.7

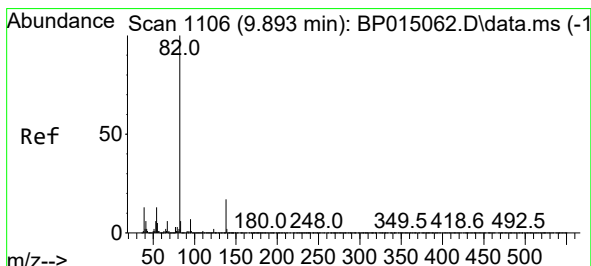
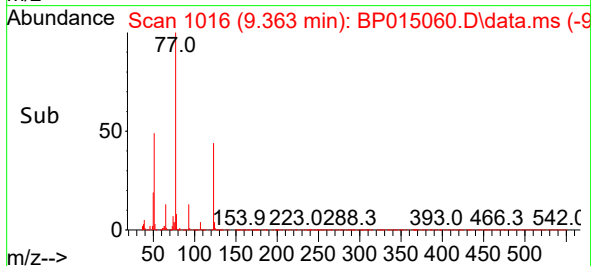
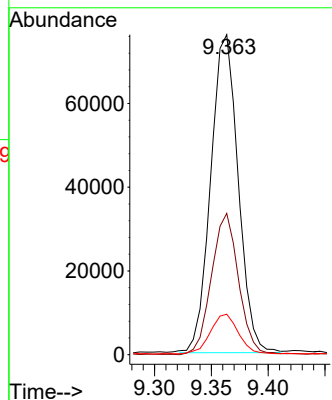
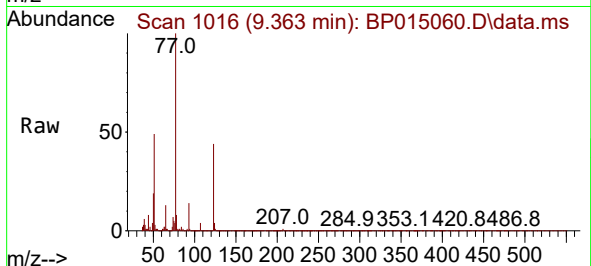




#22
Nitrobenzene
Concen: 4.442 ng/ul
RT: 9.363 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BP015060.D
Acq: 11 May 2023 11:39

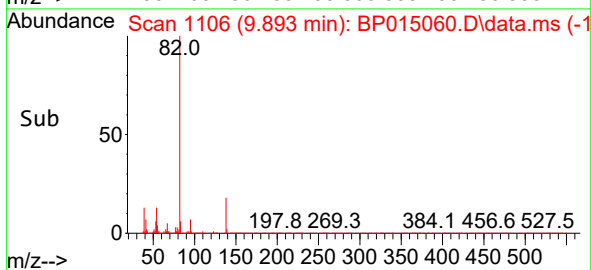
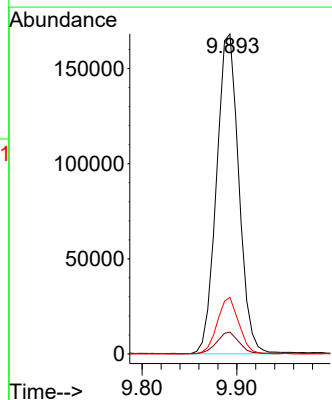
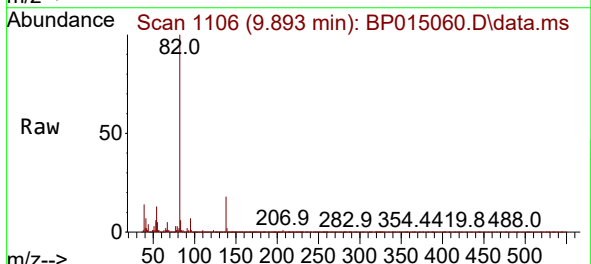
Instrument :
BNA_P
ClientSampleId :
SSTD005611

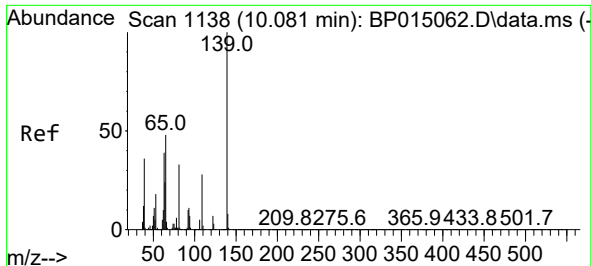
Tgt Ion: 77 Resp: 127679
Ion Ratio Lower Upper
77 100
123 44.2 36.2 54.2
65 12.7 10.1 15.1



#23
Isophorone
Concen: 4.667 ng/ul
RT: 9.893 min Scan# 1106
Delta R.T. 0.000 min
Lab File: BP015060.D
Acq: 11 May 2023 11:39

Tgt Ion: 82 Resp: 275684
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.0
138 17.7 13.6 20.4

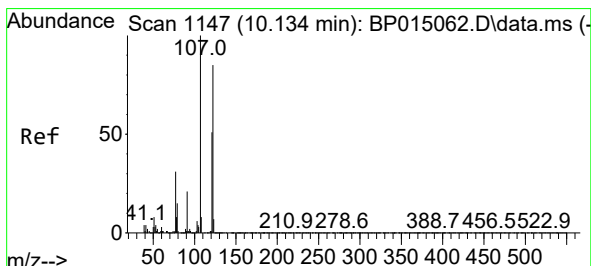
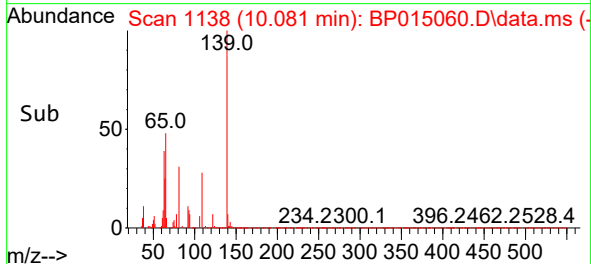
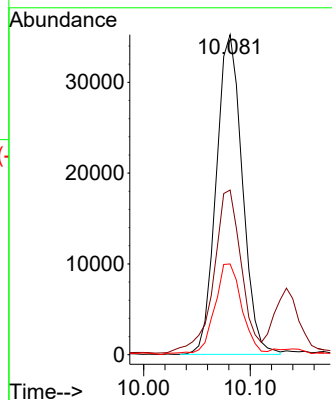
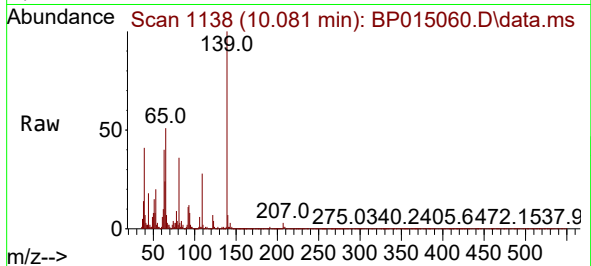




#25
2-Nitrophenol
Concen: 4.224 ng/ul
RT: 10.081 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BP015060.D
Acq: 11 May 2023 11:39

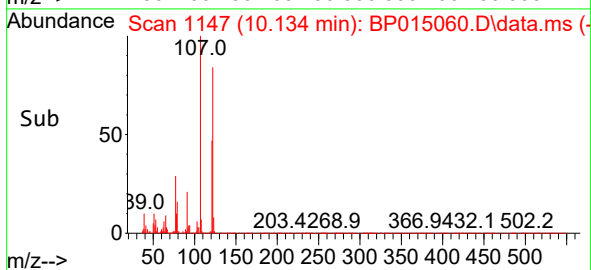
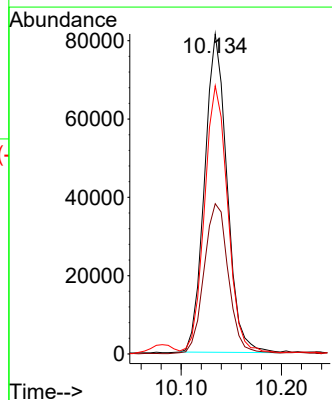
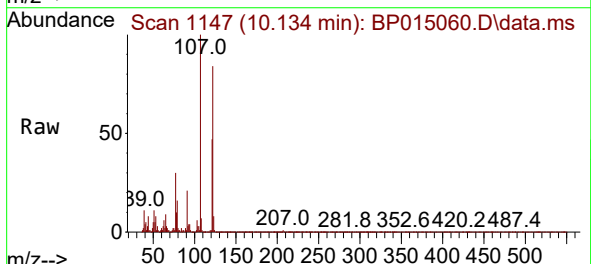
Instrument :
BNA_P
ClientSampleId :
SSTD005611

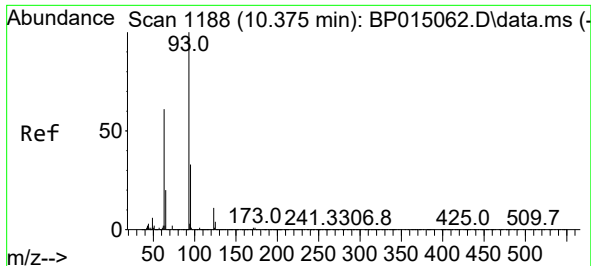
Tgt Ion:139 Resp: 59981
Ion Ratio Lower Upper
139 100
65 51.5 38.4 57.6
109 28.3 22.2 33.2



#26
2,4-Dimethylphenol
Concen: 4.482 ng/ul
RT: 10.134 min Scan# 1147
Delta R.T. 0.000 min
Lab File: BP015060.D
Acq: 11 May 2023 11:39

Tgt Ion:107 Resp: 126981
Ion Ratio Lower Upper
107 100
121 46.9 41.0 61.6
122 83.8 69.5 104.3





#27

Bis(2-Chloroethoxy)methane

Concen: 4.701 ng/ul

RT: 10.369 min Scan# 1188

Delta R.T. -0.006 min

Lab File: BP015060.D

Acq: 11 May 2023 11:39

Instrument :

BNA_P

ClientSampleId :

SSTD005611

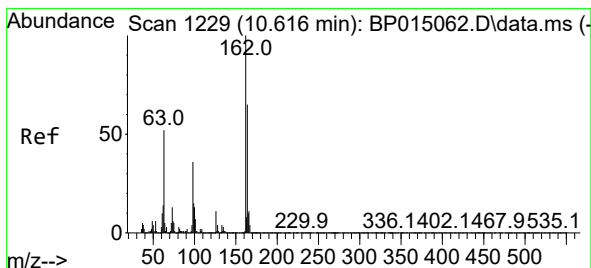
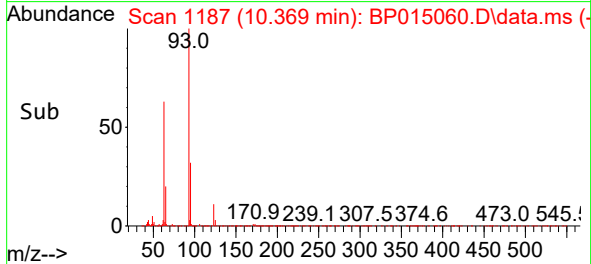
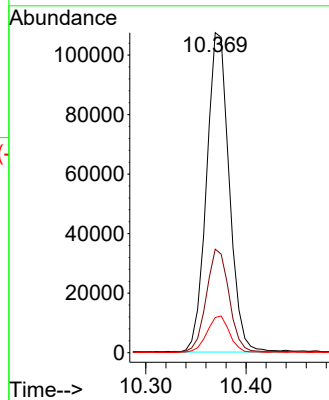
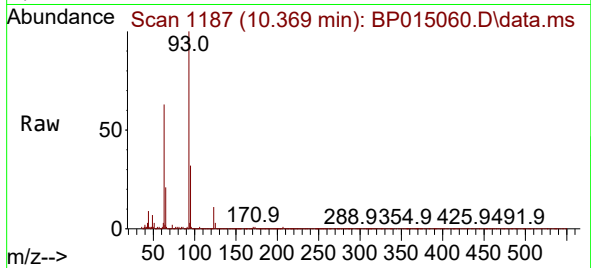
Tgt Ion: 93 Resp: 168969

Ion Ratio Lower Upper

93 100

95 32.3 26.7 40.1

123 11.0 9.1 13.7



#29

2,4-Dichlorophenol

Concen: 4.539 ng/ul

RT: 10.622 min Scan# 1230

Delta R.T. 0.006 min

Lab File: BP015060.D

Acq: 11 May 2023 11:39

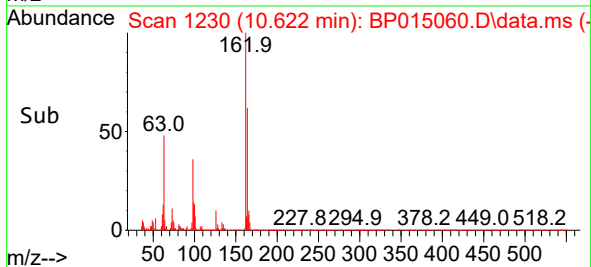
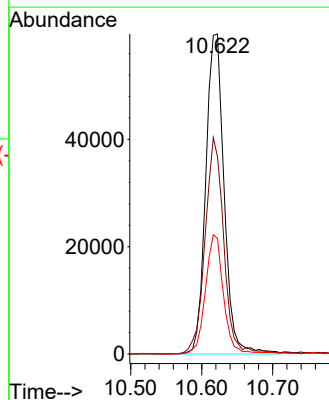
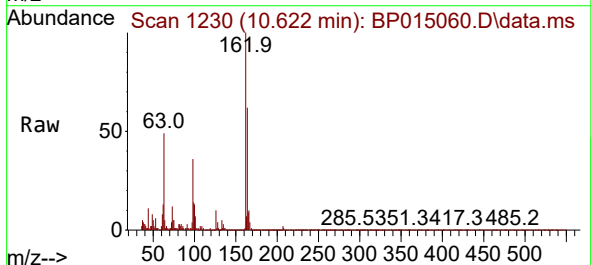
Tgt Ion:162 Resp: 107114

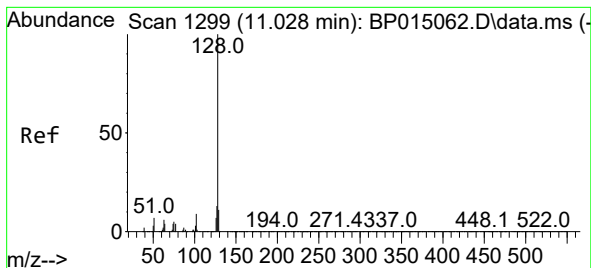
Ion Ratio Lower Upper

162 100

164 61.6 52.0 78.0

98 36.1 28.9 43.3

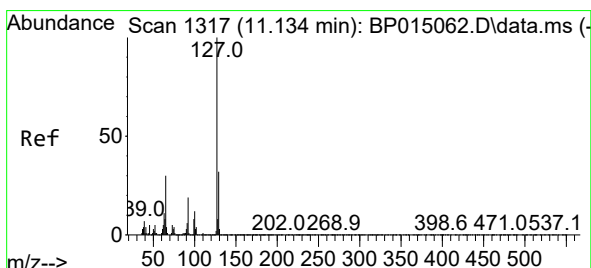
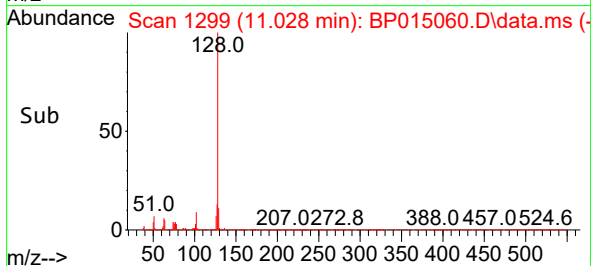
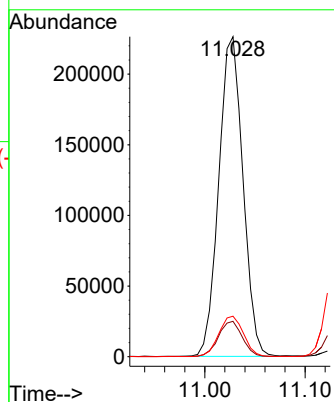
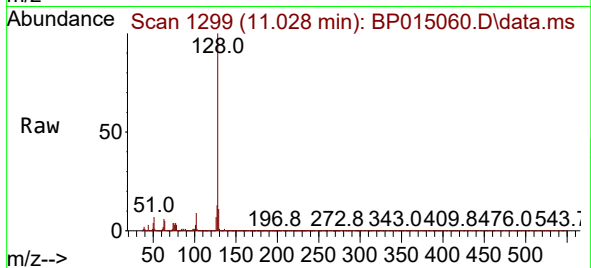




#30
Naphthalene
Concen: 4.706 ng/ul
RT: 11.028 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BP015060.D
Acq: 11 May 2023 11:39

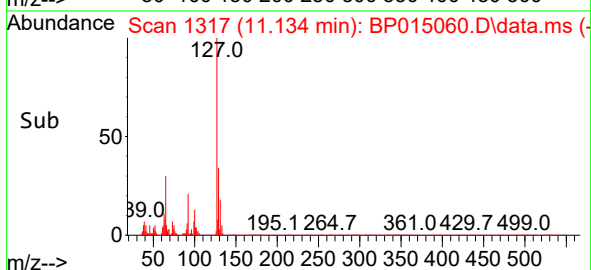
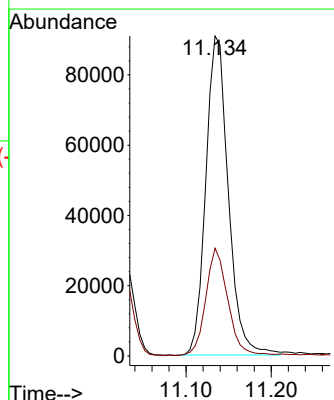
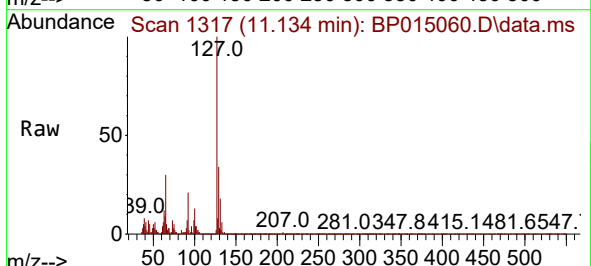
Instrument :
BNA_P
ClientSampleId :
SSTD005611

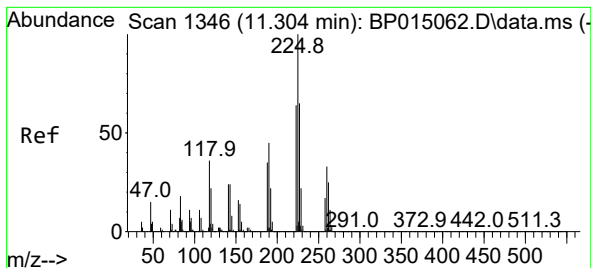
Tgt Ion:128 Resp: 378900
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 12.7 10.6 15.8



#32
4-Chloroaniline
Concen: 4.692 ng/ul
RT: 11.134 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BP015060.D
Acq: 11 May 2023 11:39

Tgt Ion:127 Resp: 166707
Ion Ratio Lower Upper
127 100
129 33.7 25.8 38.8





#33

Hexachlorobutadiene

Concen: 4.744 ng/ul

RT: 11.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP015060.D

Acq: 11 May 2023 11:39

Instrument :

BNA_P

ClientSampleId :

SSTD005611

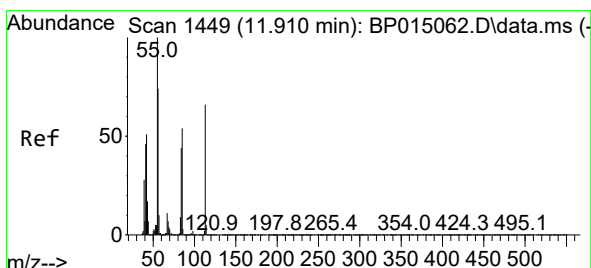
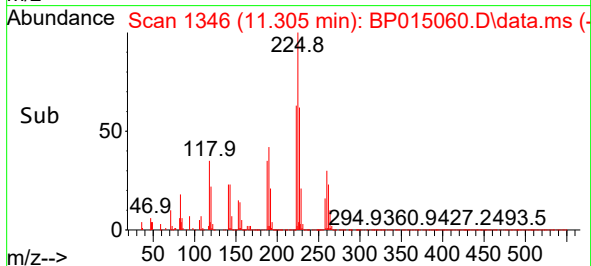
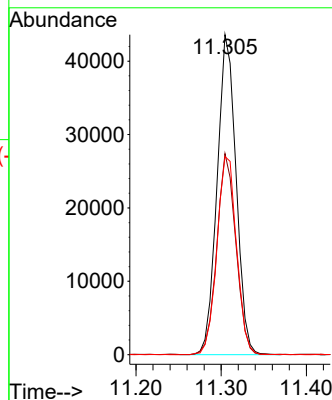
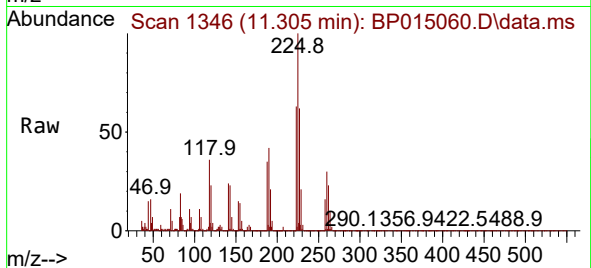
Tgt Ion:225 Resp: 67473

Ion Ratio Lower Upper

225 100

223 62.9 51.0 76.6

227 61.9 52.2 78.4



#34

Caprolactam

Concen: 4.612 ng/ul

RT: 11.905 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BP015060.D

Acq: 11 May 2023 11:39

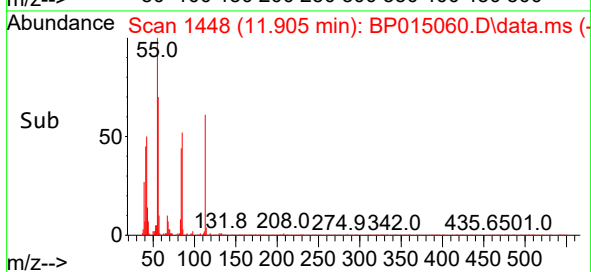
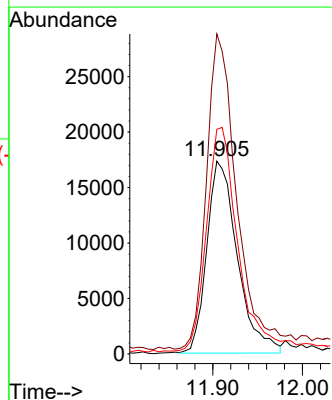
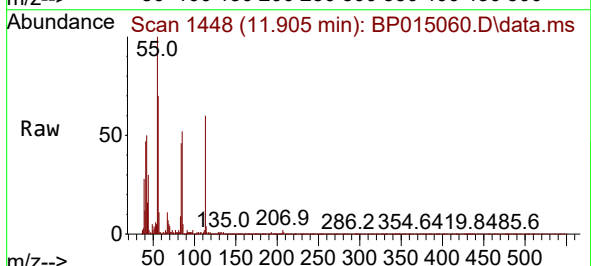
Tgt Ion:113 Resp: 41037

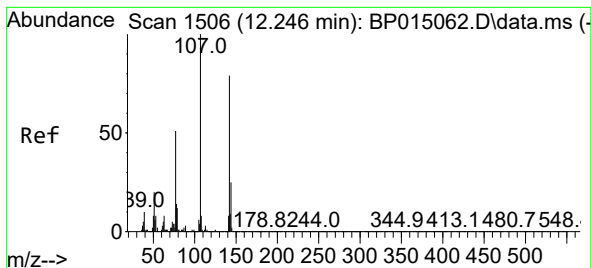
Ion Ratio Lower Upper

113 100

55 165.9 121.2 181.8

56 116.5 90.2 135.4

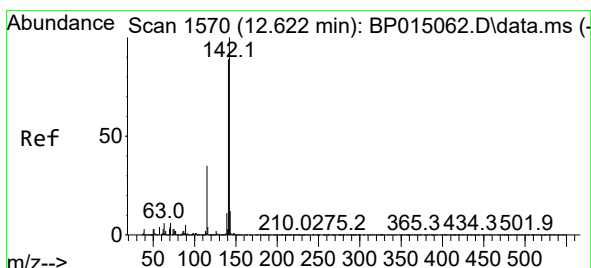
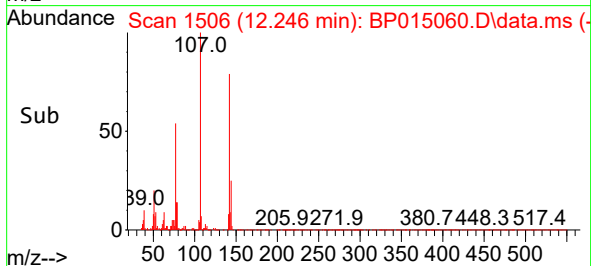
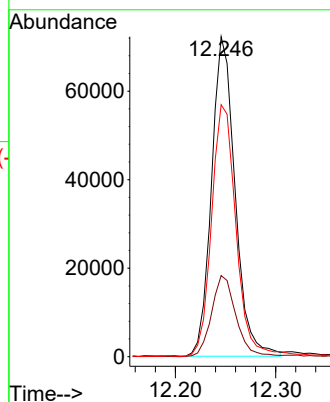
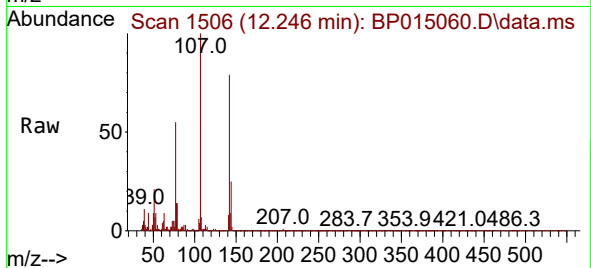




#35
4-Chloro-3-methylphenol
Concen: 4.413 ng/ul
RT: 12.246 min Scan# 1506
Delta R.T. 0.000 min
Lab File: BP015060.D
Acq: 11 May 2023 11:39

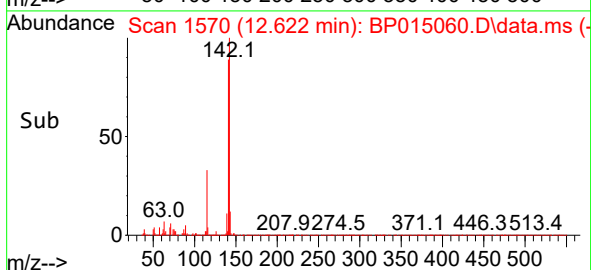
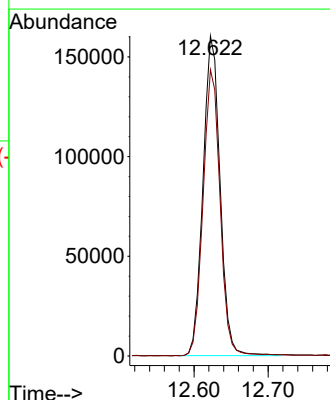
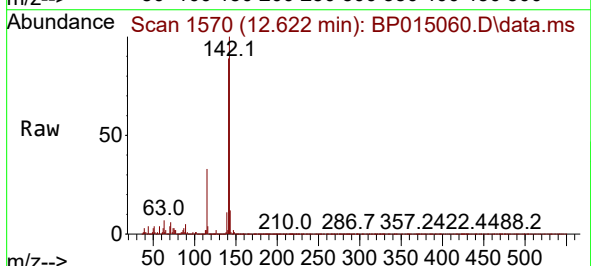
Instrument :
BNA_P
ClientSampleId :
SSTD005611

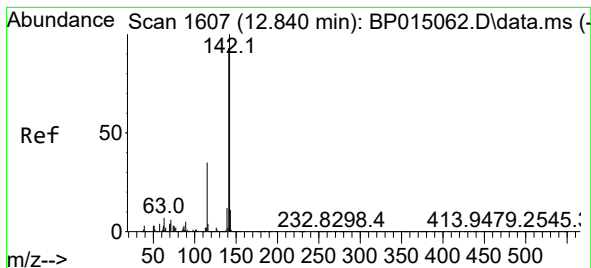
Tgt Ion:107 Resp: 117610
Ion Ratio Lower Upper
107 100
144 25.4 20.3 30.5
142 78.7 63.2 94.8



#36
2-Methylnaphthalene
Concen: 4.730 ng/ul
RT: 12.622 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BP015060.D
Acq: 11 May 2023 11:39

Tgt Ion:142 Resp: 256581
Ion Ratio Lower Upper
142 100
141 89.5 71.0 106.6





#37

1-Methylnaphthalene

Concen: 4.697 ng/ul

RT: 12.840 min Scan# 1607

Delta R.T. 0.000 min

Lab File: BP015060.D

Acq: 11 May 2023 11:39

Instrument :

BNA_P

ClientSampleId :

SSTD005611

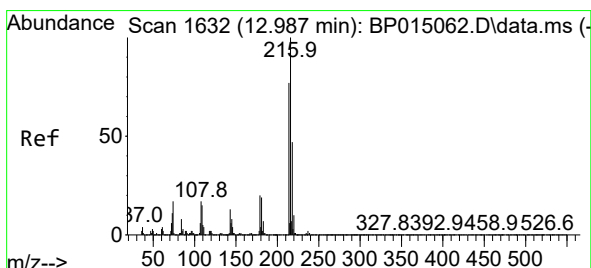
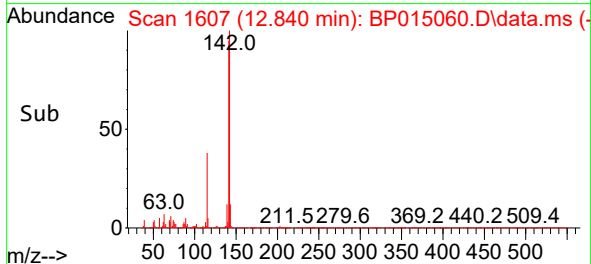
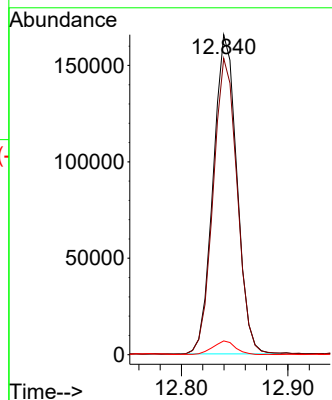
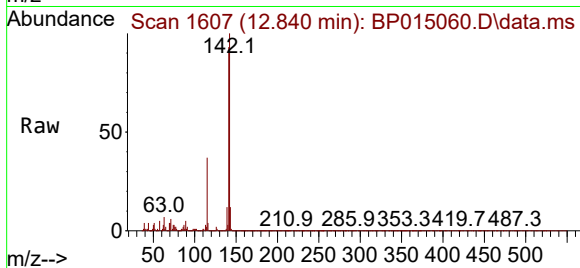
Tgt Ion:142 Resp: 255887

Ion Ratio Lower Upper

142 100

141 92.6 74.6 112.0

116 4.3 2.9 4.3



#39

1,2,4,5-Tetrachlorobenzene

Concen: 4.519 ng/ul

RT: 12.987 min Scan# 1632

Delta R.T. 0.000 min

Lab File: BP015060.D

Acq: 11 May 2023 11:39

Tgt Ion:216 Resp: 134080

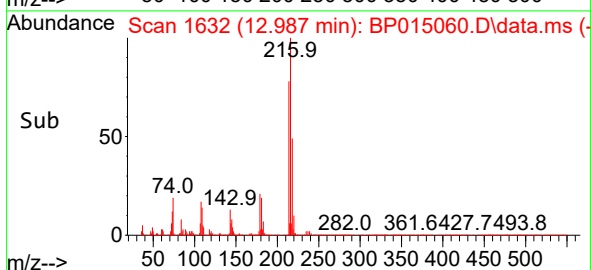
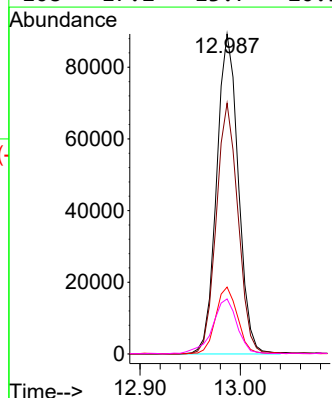
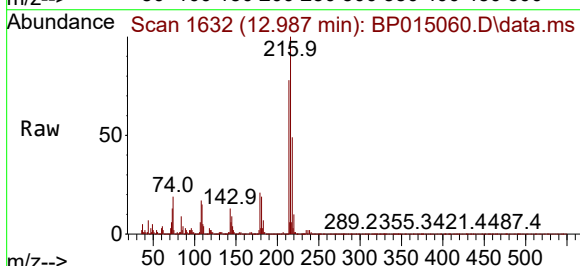
Ion Ratio Lower Upper

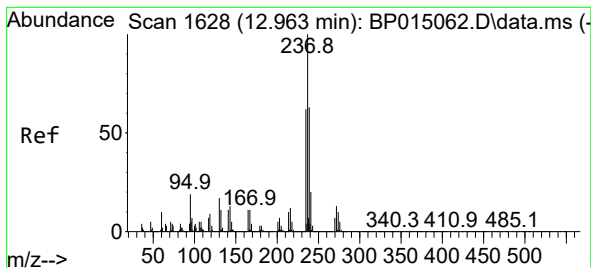
216 100

214 78.4 61.4 92.0

179 20.9 15.9 23.9

108 17.2 13.7 20.5





#40

Hexachlorocyclopentadiene

Concen: 3.647 ng/ul

RT: 12.963 min Scan# 1628

Delta R.T. 0.000 min

Lab File: BP015060.D

Acq: 11 May 2023 11:39

Instrument :

BNA_P

ClientSampleId :

SSTD005611

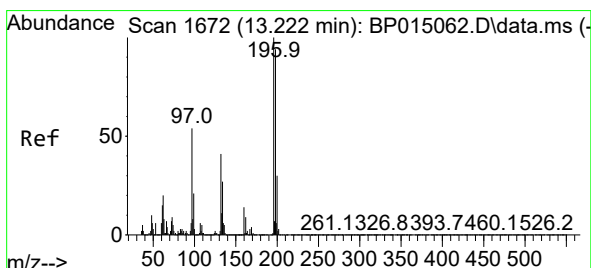
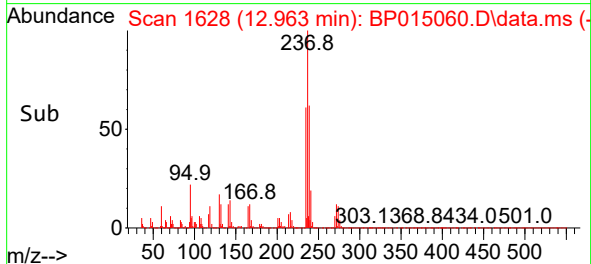
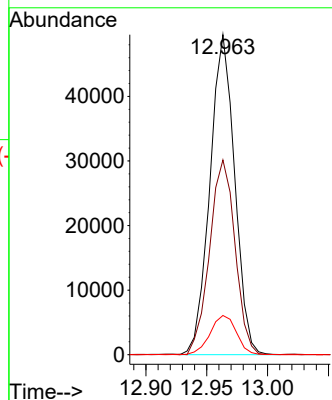
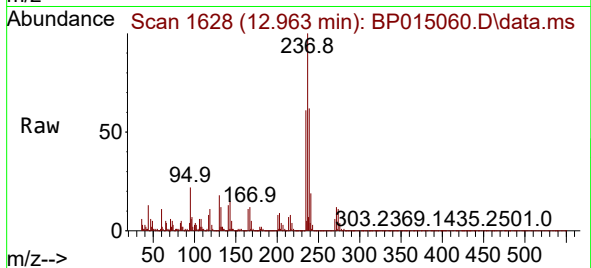
Tgt Ion:237 Resp: 70110

Ion Ratio Lower Upper

237 100

235 60.9 49.4 74.0

272 12.2 10.4 15.6



#41

2,4,6-Trichlorophenol

Concen: 4.786 ng/ul

RT: 13.222 min Scan# 1672

Delta R.T. 0.000 min

Lab File: BP015060.D

Acq: 11 May 2023 11:39

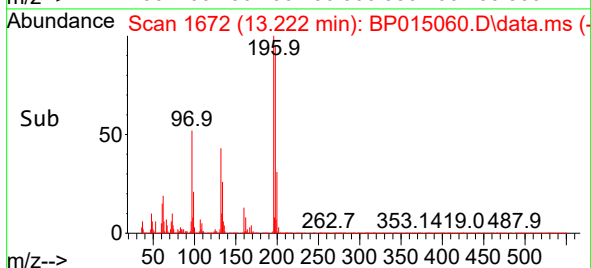
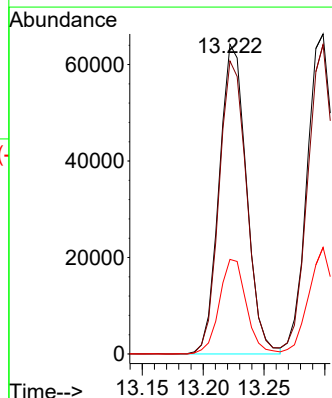
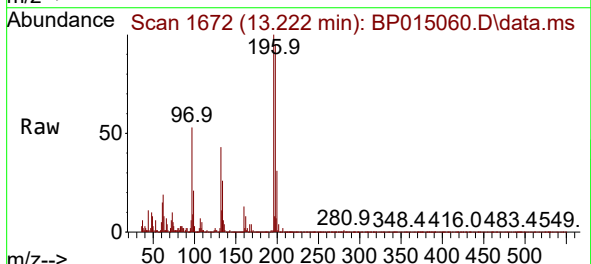
Tgt Ion:196 Resp: 100268

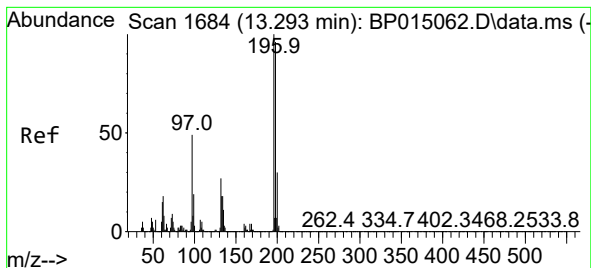
Ion Ratio Lower Upper

196 100

198 94.6 75.5 113.3

200 30.6 23.6 35.4





#42

2,4,5-Trichlorophenol

Concen: 4.738 ng/ul

RT: 13.299 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP015060.D

Acq: 11 May 2023 11:39

Instrument :

BNA_P

ClientSampleId :

SSTD005611

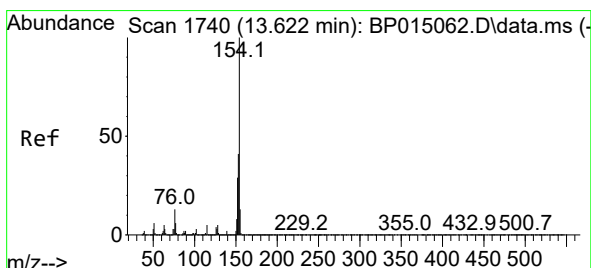
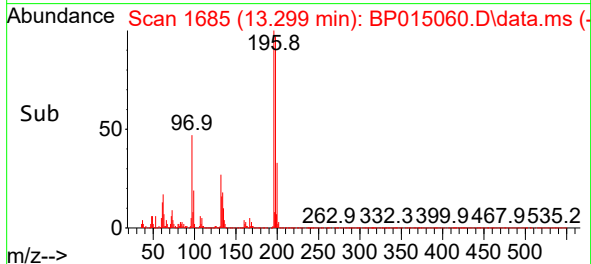
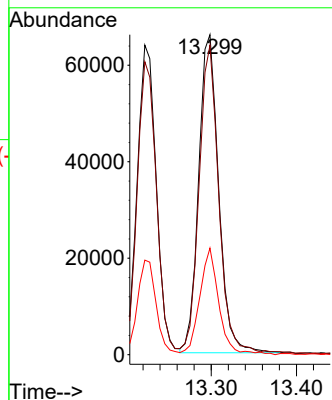
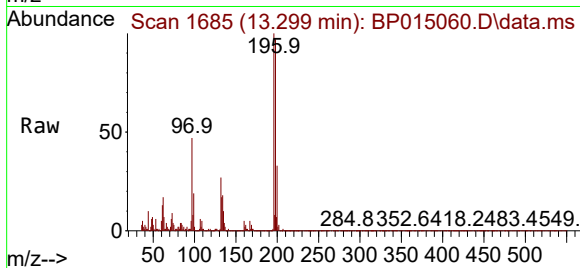
Tgt Ion:196 Resp: 107633

Ion Ratio Lower Upper

196 100

198 96.7 77.0 115.4

200 33.3 24.3 36.5



#43

1,1'-Biphenyl

Concen: 4.672 ng/ul

RT: 13.622 min Scan# 1740

Delta R.T. 0.000 min

Lab File: BP015060.D

Acq: 11 May 2023 11:39

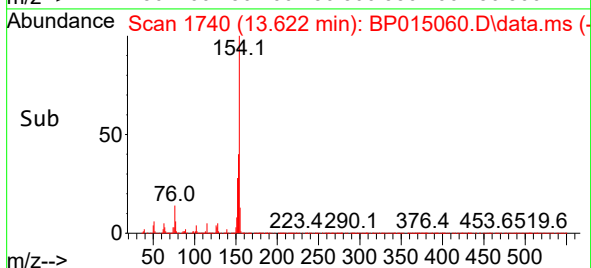
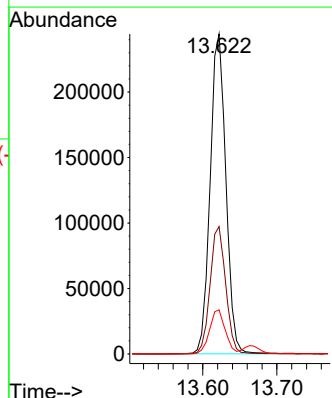
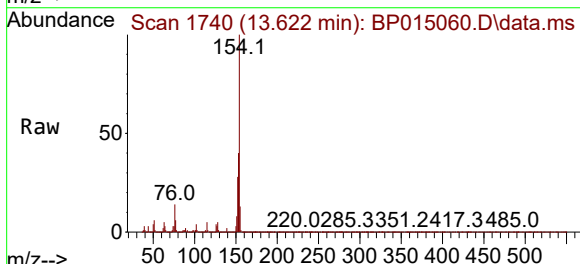
Tgt Ion:154 Resp: 359578

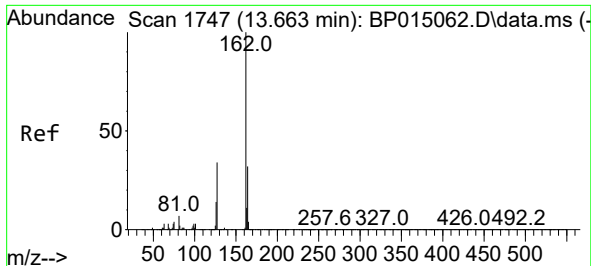
Ion Ratio Lower Upper

154 100

153 39.8 32.7 49.1

76 13.8 10.7 16.1

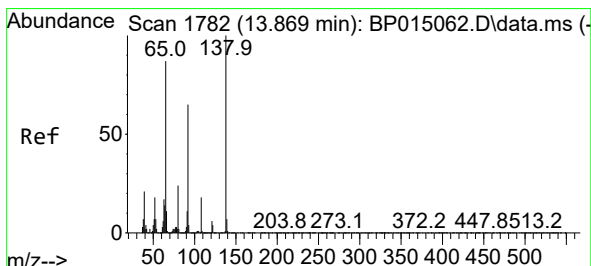
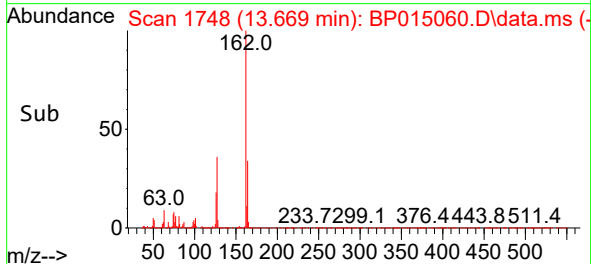
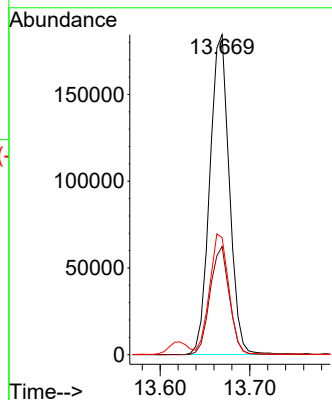
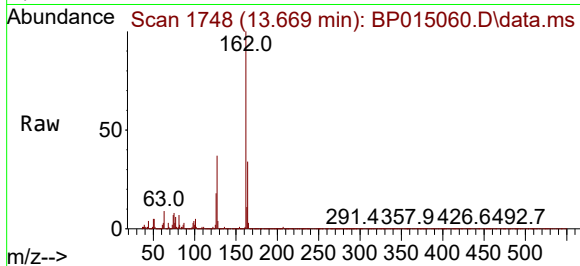




#44
2-Chloronaphthalene
Concen: 4.636 ng/ul
RT: 13.669 min Scan# 1747
Delta R.T. 0.006 min
Lab File: BP015060.D
Acq: 11 May 2023 11:39

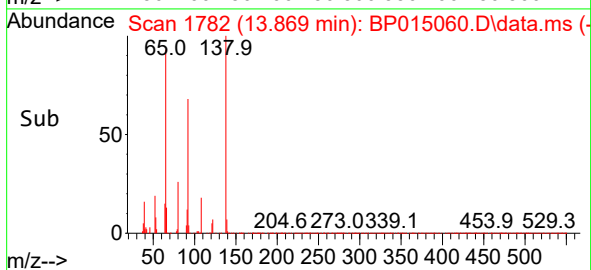
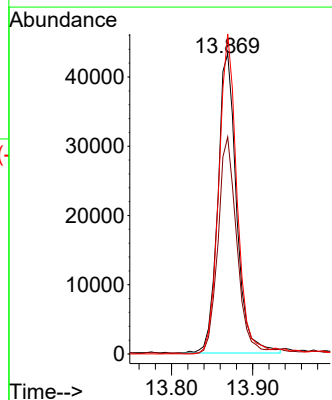
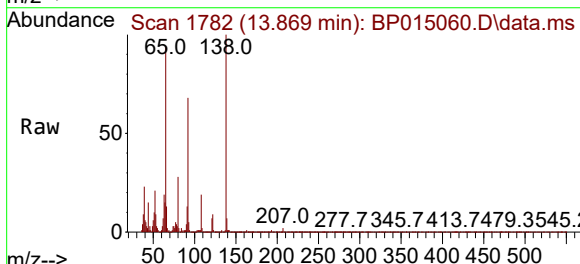
Instrument :
BNA_P
ClientSampleId :
SSTD005611

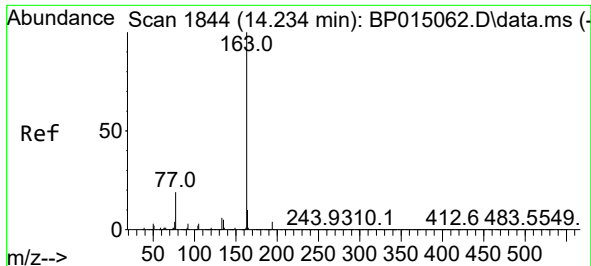
Tgt Ion:162 Resp: 278683
Ion Ratio Lower Upper
162 100
164 33.8 25.9 38.9
127 36.6 30.8 46.2



#45
2-Nitroaniline
Concen: 4.036 ng/ul
RT: 13.869 min Scan# 1782
Delta R.T. 0.000 min
Lab File: BP015060.D
Acq: 11 May 2023 11:39

Tgt Ion: 65 Resp: 69412
Ion Ratio Lower Upper
65 100
92 72.2 59.8 89.8
138 106.5 92.3 138.5

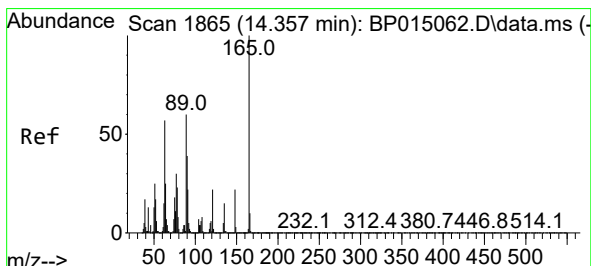
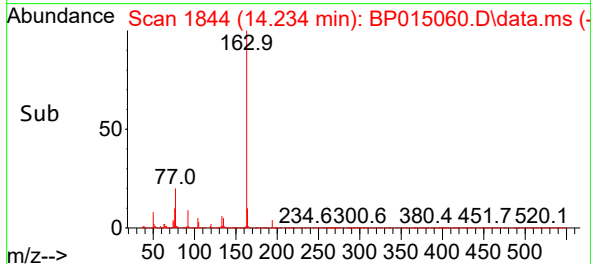
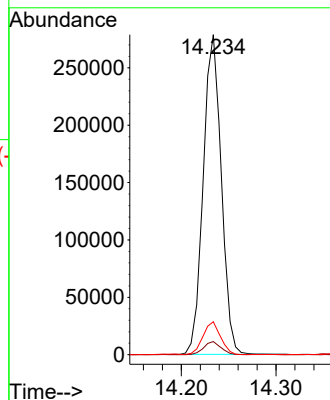
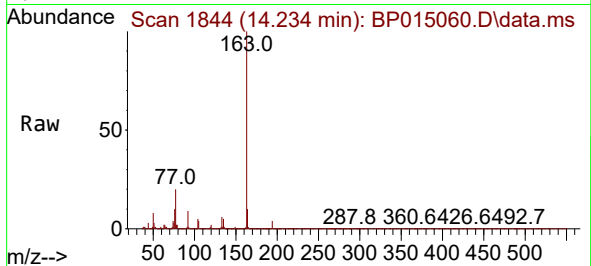




#47
Dimethylphthalate
Concen: 4.722 ng/ul
RT: 14.234 min Scan# 1844
Delta R.T. 0.000 min
Lab File: BP015060.D
Acq: 11 May 2023 11:39

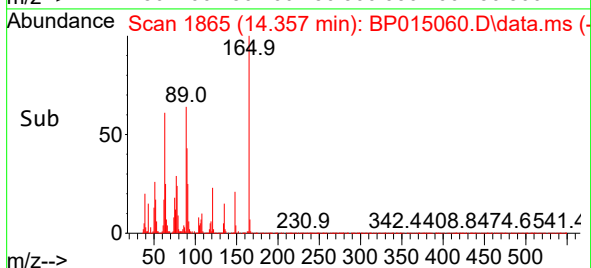
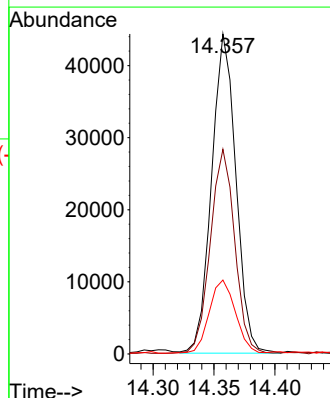
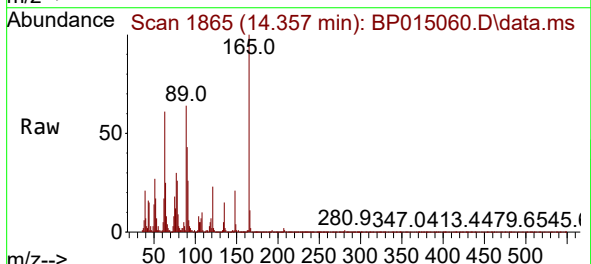
Instrument :
BNA_P
ClientSampleId :
SSTD005611

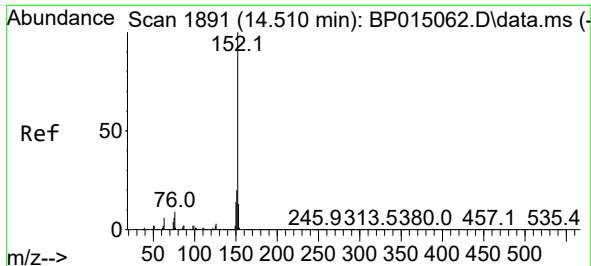
Tgt Ion:163 Resp: 368648
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.3 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 3.980 ng/ul
RT: 14.357 min Scan# 1865
Delta R.T. 0.000 min
Lab File: BP015060.D
Acq: 11 May 2023 11:39

Tgt Ion:165 Resp: 61559
Ion Ratio Lower Upper
165 100
89 64.0 48.0 72.0
121 23.1 17.5 26.3

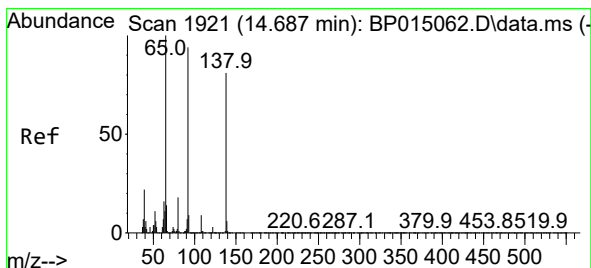
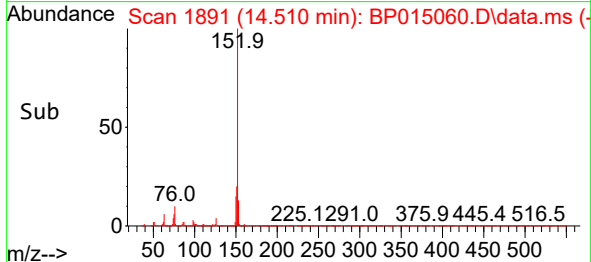
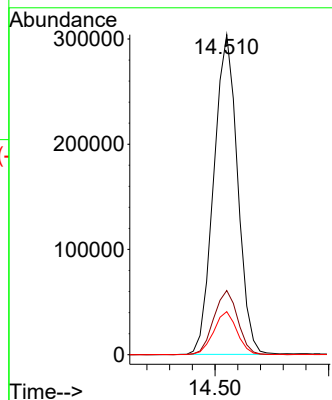
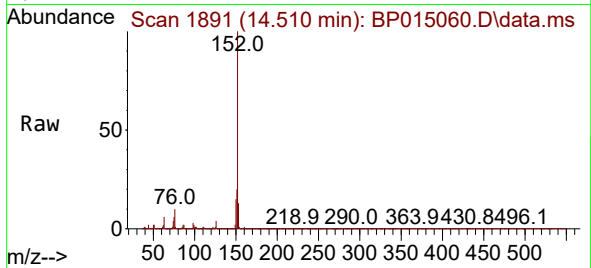




#50
Acenaphthylene
Concen: 4.626 ng/ul
RT: 14.510 min Scan# 1891
Delta R.T. 0.000 min
Lab File: BP015060.D
Acq: 11 May 2023 11:39

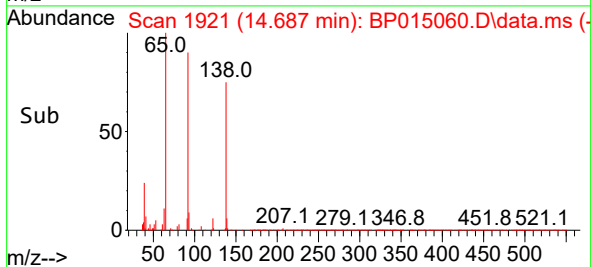
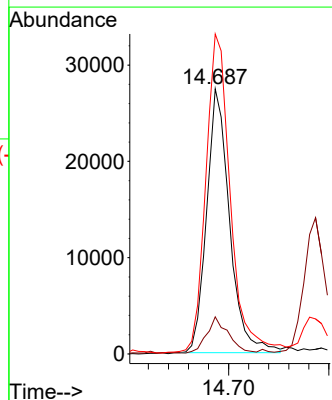
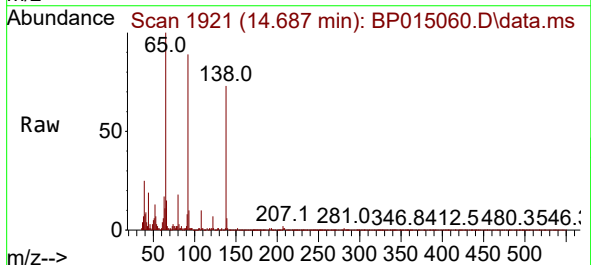
Instrument :
BNA_P
ClientSampleId :
SSTD005611

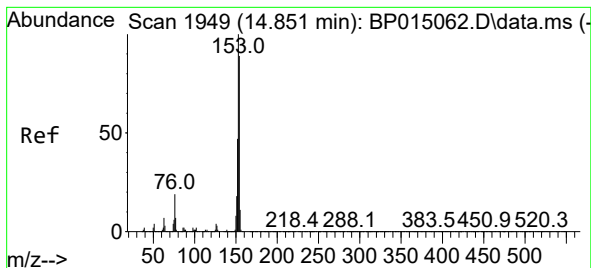
Tgt Ion:152 Resp: 442549
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.5 10.3 15.5



#51
3-Nitroaniline
Concen: 3.138 ng/ul
RT: 14.687 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BP015060.D
Acq: 11 May 2023 11:39

Tgt Ion:138 Resp: 43712
Ion Ratio Lower Upper
138 100
108 14.0 8.8 13.2#
92 120.7 93.4 140.0





#52

Acenaphthene

Concen: 4.692 ng/ul

RT: 14.851 min Scan# 1949

Delta R.T. 0.000 min

Lab File: BP015060.D

Acq: 11 May 2023 11:39

Instrument :

BNA_P

ClientSampleId :

SSTD005611

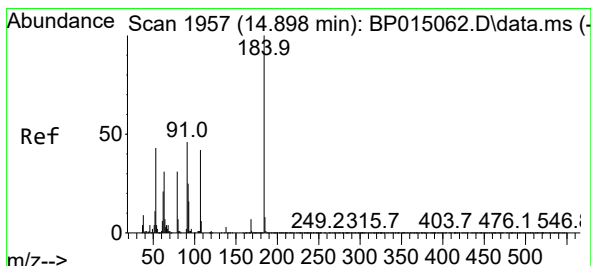
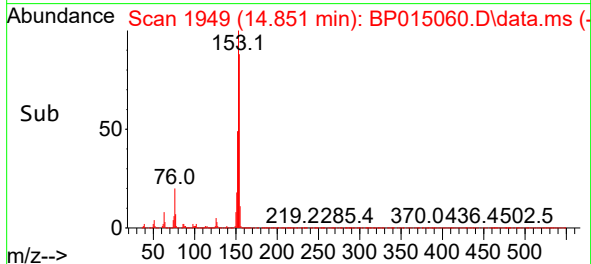
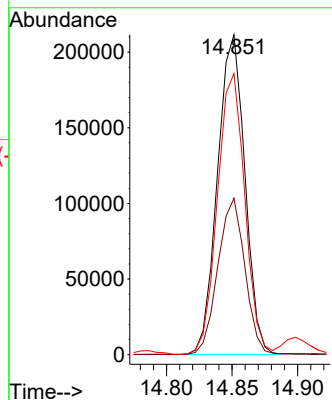
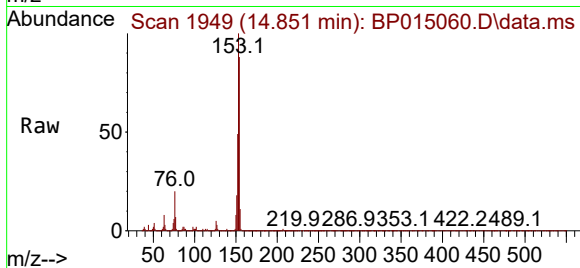
Tgt Ion:153 Resp: 306561

Ion Ratio Lower Upper

153 100

152 48.9 38.0 57.0

154 87.8 71.0 106.4



#53

2,4-Dinitrophenol

Concen: 2.694 ng/ul

RT: 14.898 min Scan# 1957

Delta R.T. 0.000 min

Lab File: BP015060.D

Acq: 11 May 2023 11:39

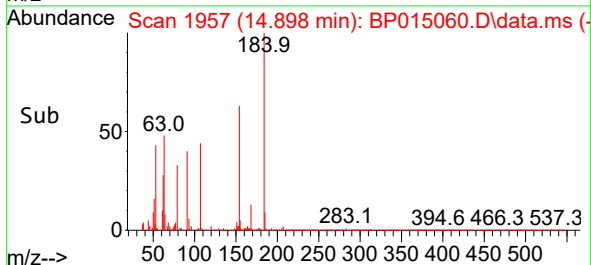
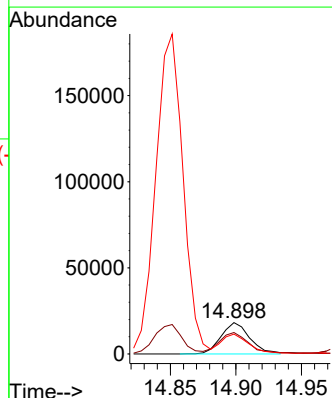
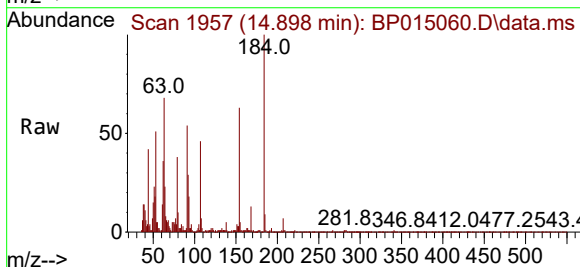
Tgt Ion:184 Resp: 27671

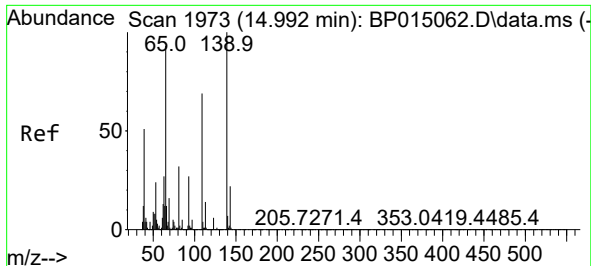
Ion Ratio Lower Upper

184 100

63 68.3 49.7 74.5

154 63.5 47.5 71.3

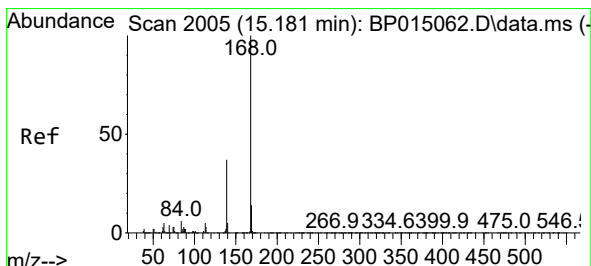
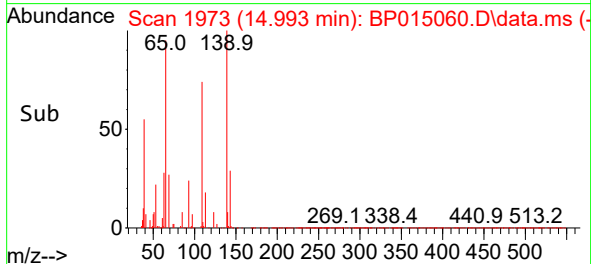
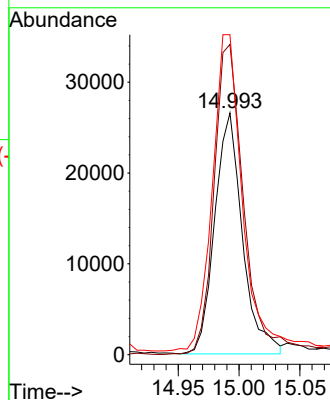
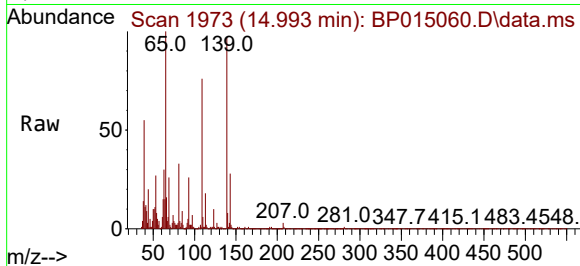




#55
4-Nitrophenol
Concen: 3.921 ng/ul
RT: 14.993 min Scan# 1973
Delta R.T. 0.000 min
Lab File: BP015060.D
Acq: 11 May 2023 11:39

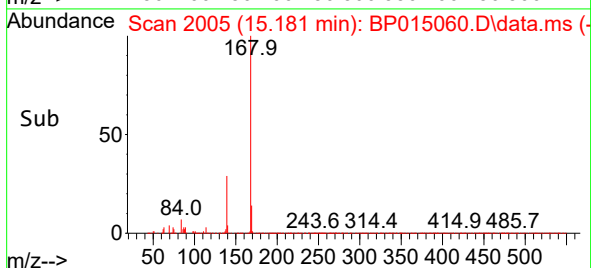
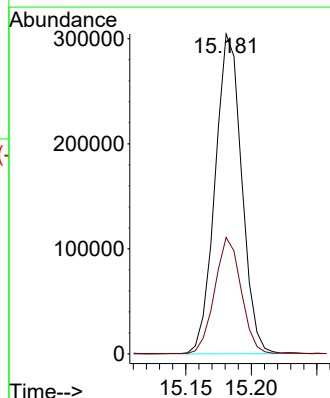
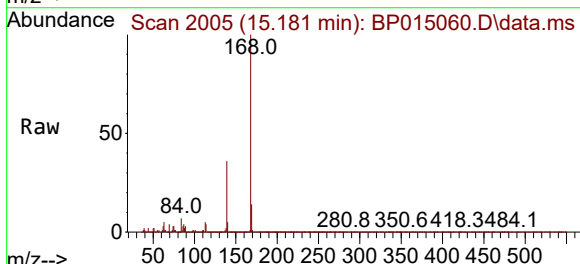
Instrument :
BNA_P
ClientSampleId :
SSTD005611

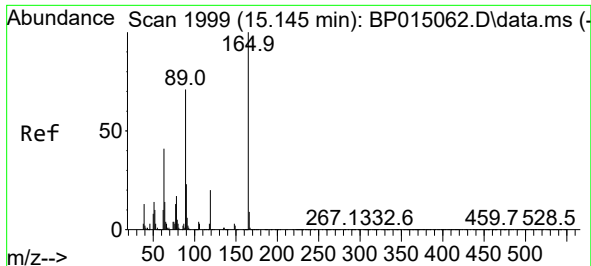
Tgt Ion:109 Resp: 41983
Ion Ratio Lower Upper
109 100
139 128.3 115.3 172.9
65 132.4 107.9 161.9



#56
Dibenzofuran
Concen: 4.722 ng/ul
RT: 15.181 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BP015060.D
Acq: 11 May 2023 11:39

Tgt Ion:168 Resp: 429120
Ion Ratio Lower Upper
168 100
139 36.4 29.4 44.0





#57

2,4-Dinitrotoluene

Concen: 4.068 ng/ul

RT: 15.146 min Scan# 1999

Delta R.T. 0.000 min

Lab File: BP015060.D

Acq: 11 May 2023 11:39

Instrument :

BNA_P

ClientSampleId :

SSTD005611

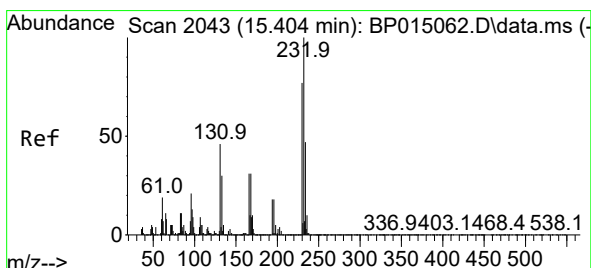
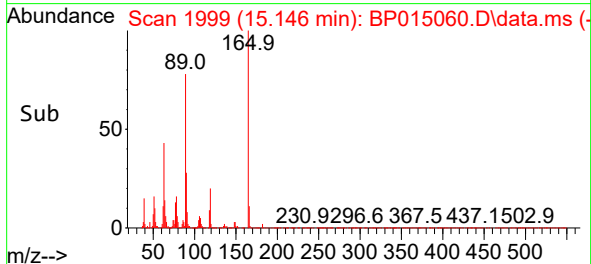
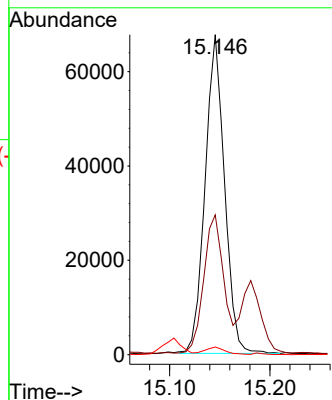
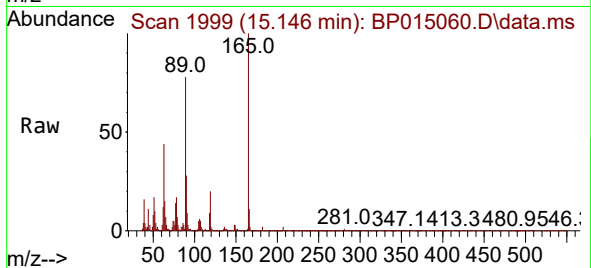
Tgt Ion:165 Resp: 91050

Ion Ratio Lower Upper

165 100

63 43.7 33.1 49.7

182 2.4 2.1 3.1



#58

2,3,4,6-Tetrachlorophenol

Concen: 4.417 ng/ul

RT: 15.410 min Scan# 2044

Delta R.T. 0.006 min

Lab File: BP015060.D

Acq: 11 May 2023 11:39

Tgt Ion:232 Resp: 84674

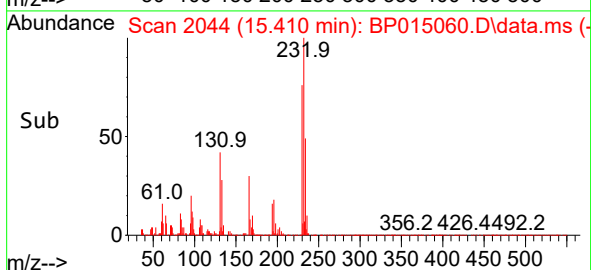
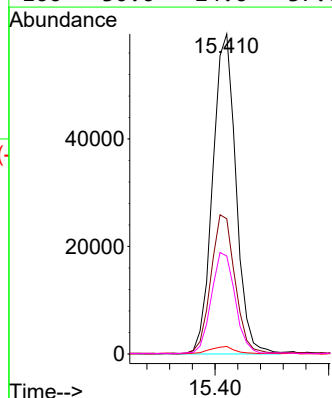
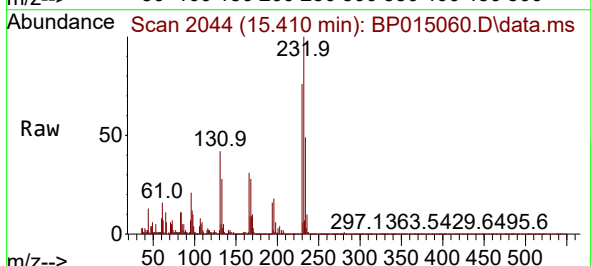
Ion Ratio Lower Upper

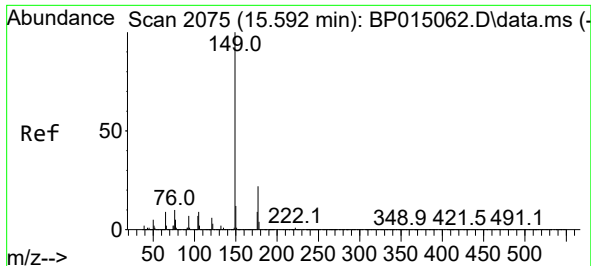
232 100

131 42.2 36.8 55.2

130 2.4 1.9 2.9

166 30.6 24.6 37.0

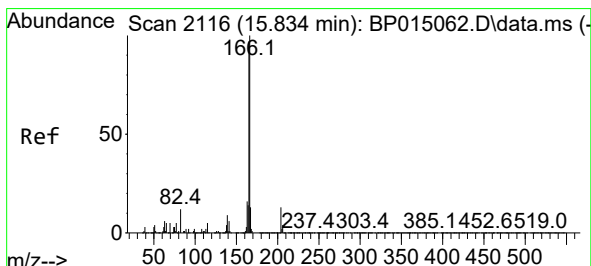
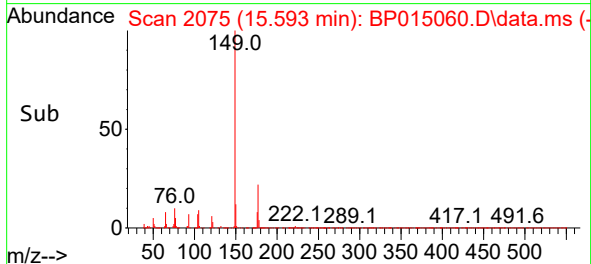
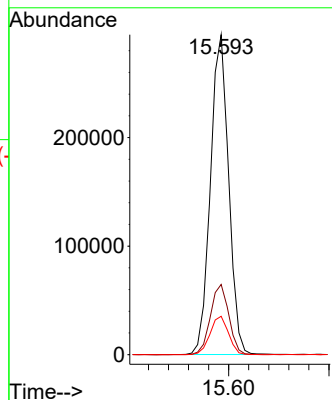
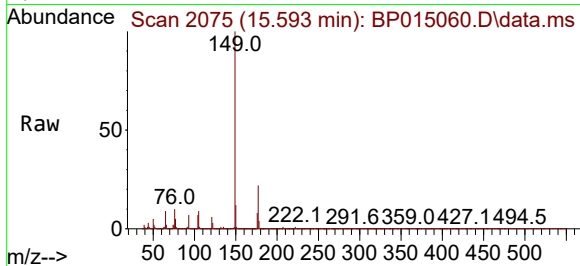




#59
Diethylphthalate
Concen: 4.766 ng/ul
RT: 15.593 min Scan# 2075
Delta R.T. 0.000 min
Lab File: BP015060.D
Acq: 11 May 2023 11:39

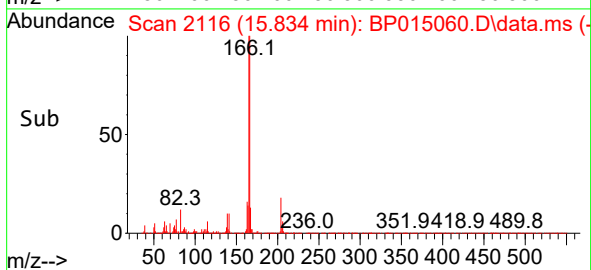
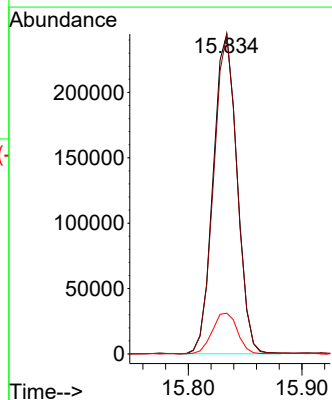
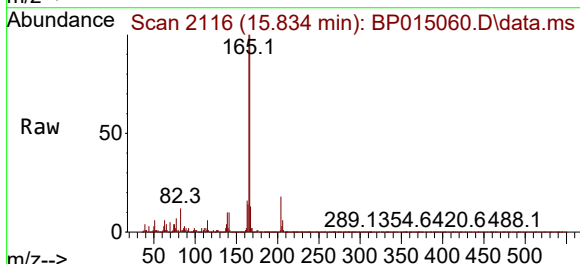
Instrument :
BNA_P
ClientSampleId :
SSTD005611

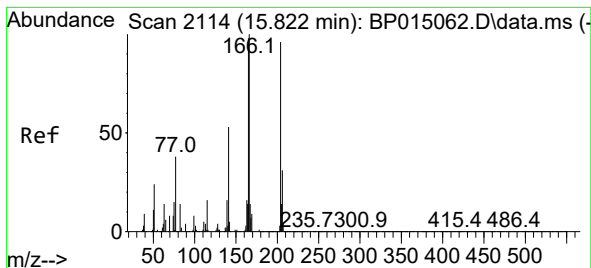
Tgt Ion:149 Resp: 371150
Ion Ratio Lower Upper
149 100
177 21.9 17.5 26.3
150 12.0 9.8 14.8



#61
Fluorene
Concen: 4.873 ng/ul
RT: 15.834 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BP015060.D
Acq: 11 May 2023 11:39

Tgt Ion:166 Resp: 355909
Ion Ratio Lower Upper
166 100
165 100.0 77.8 116.6
167 12.8 10.6 15.8

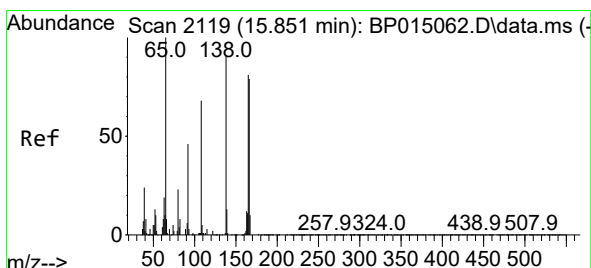
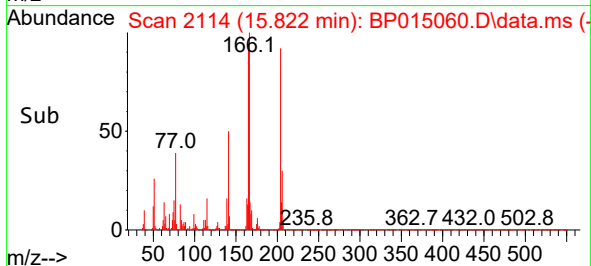
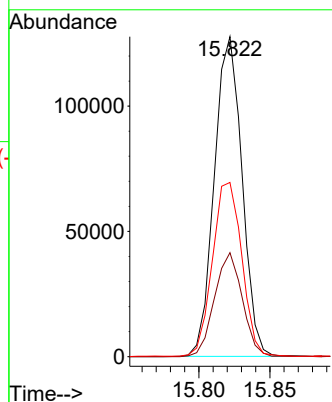
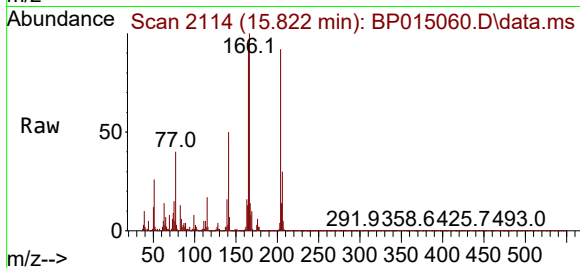




#62
4-Chlorophenyl-phenylether
Concen: 4.849 ng/ul
RT: 15.822 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BP015060.D
Acq: 11 May 2023 11:39

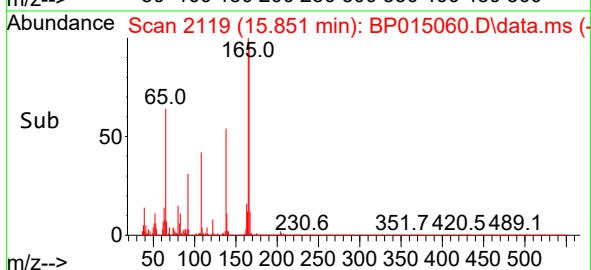
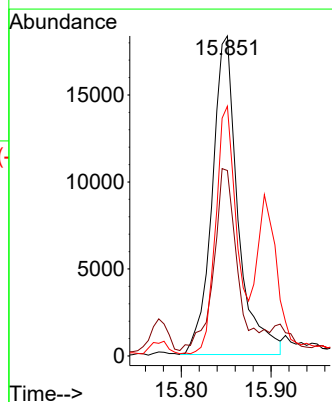
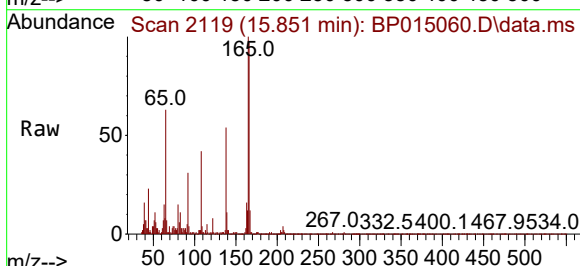
Instrument :
BNA_P
ClientSampleId :
SSTD005611

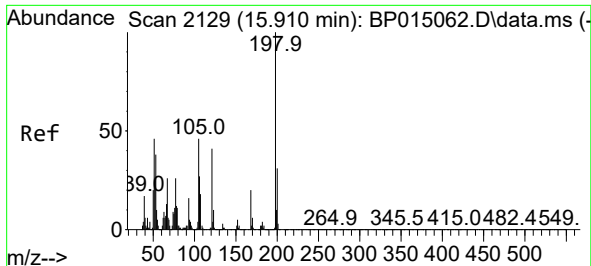
Tgt Ion:204 Resp: 173049
Ion Ratio Lower Upper
204 100
206 32.5 26.1 39.1
141 54.4 44.5 66.7



#63
4-Nitroaniline
Concen: 3.047 ng/ul
RT: 15.851 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BP015060.D
Acq: 11 May 2023 11:39

Tgt Ion:138 Resp: 36645
Ion Ratio Lower Upper
138 100
92 58.0 41.2 61.8
108 78.1 60.1 90.1

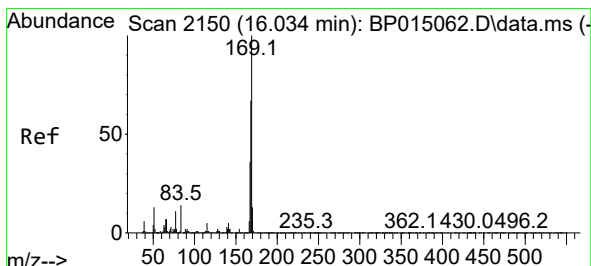
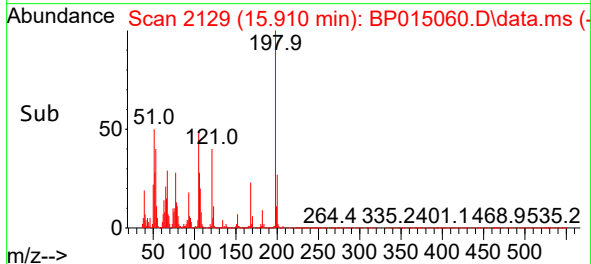
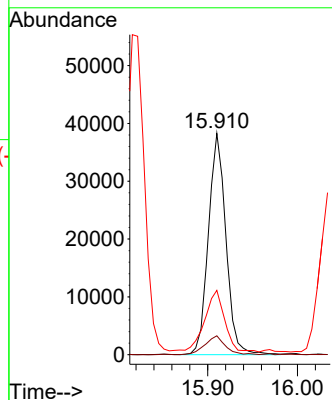
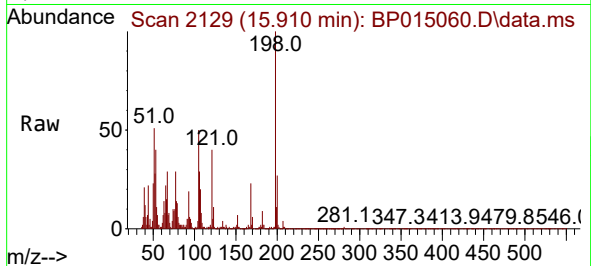




#66
4,6-Dinitro-2-methylphenol
Concen: 3.690 ng/ul
RT: 15.910 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BP015060.D
Acq: 11 May 2023 11:39

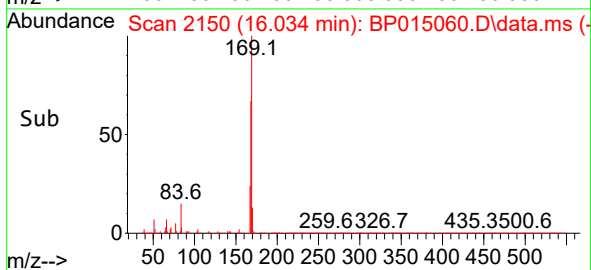
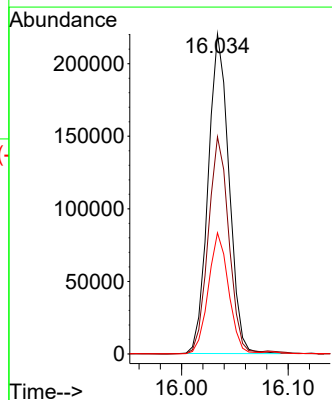
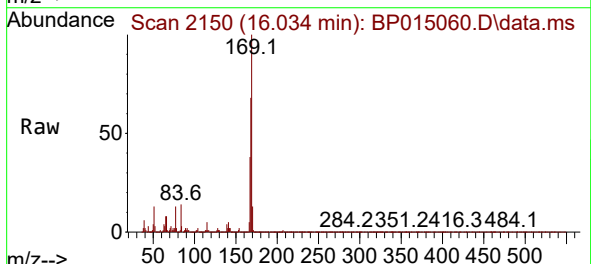
Instrument :
BNA_P
ClientSampleId :
SSTD005611

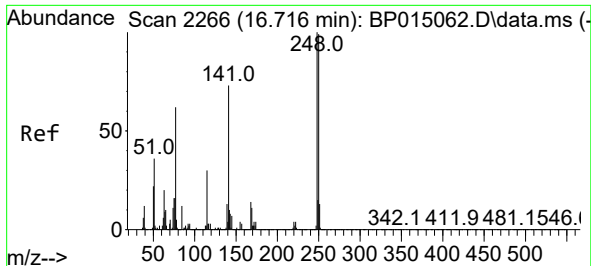
Tgt Ion:198 Resp: 51961
Ion Ratio Lower Upper
198 100
182 8.6 3.7 5.5#
77 29.1 21.2 31.8



#67
N-Nitrosodiphenylamine
Concen: 4.707 ng/ul
RT: 16.034 min Scan# 2150
Delta R.T. 0.000 min
Lab File: BP015060.D
Acq: 11 May 2023 11:39

Tgt Ion:169 Resp: 299639
Ion Ratio Lower Upper
169 100
168 67.9 53.5 80.3
167 37.9 28.9 43.3

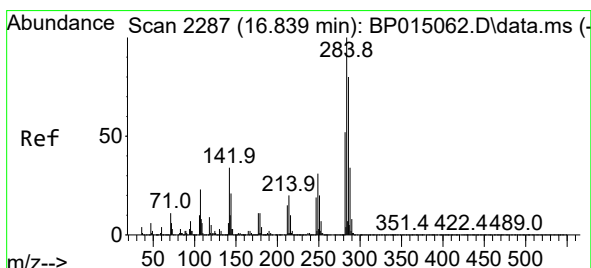
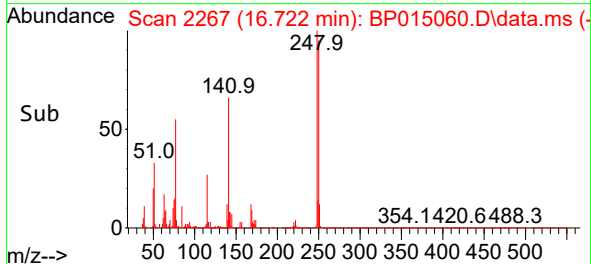
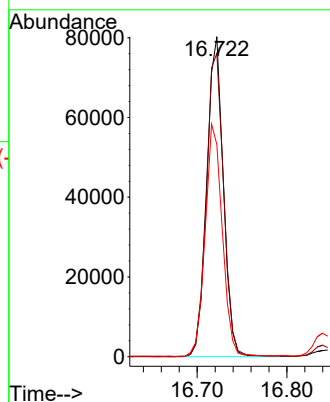
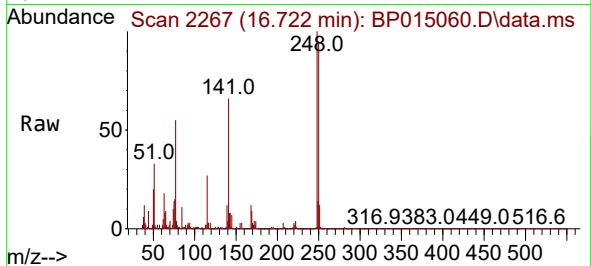




#68
4-Bromophenyl-phenylether
Concen: 4.618 ng/ul
RT: 16.722 min Scan# 2267
Delta R.T. 0.006 min
Lab File: BP015060.D
Acq: 11 May 2023 11:39

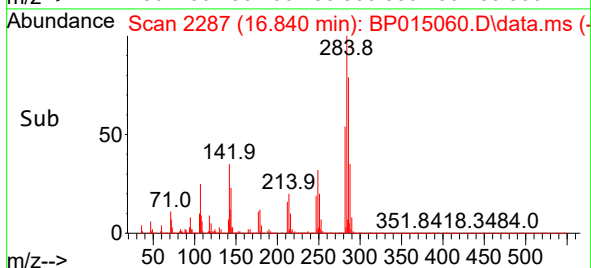
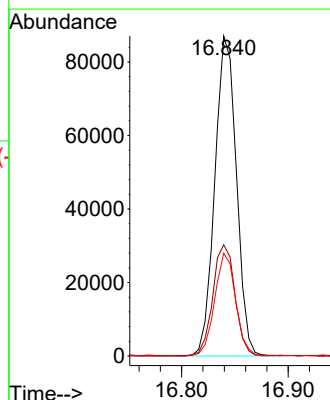
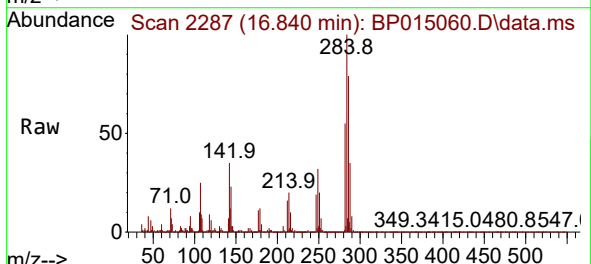
Instrument :
BNA_P
ClientSampleId :
SSTD005611

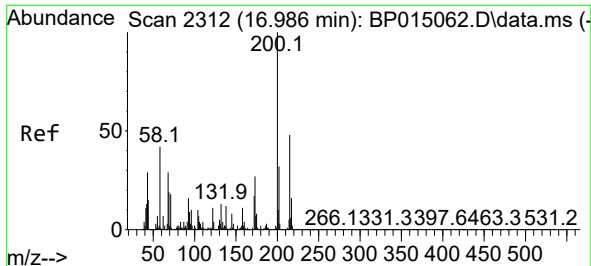
Tgt Ion:248 Resp: 102977
Ion Ratio Lower Upper
248 100
250 94.8 79.0 118.4
141 66.3 58.6 87.8



#69
Hexachlorobenzene
Concen: 4.637 ng/ul
RT: 16.840 min Scan# 2287
Delta R.T. 0.000 min
Lab File: BP015060.D
Acq: 11 May 2023 11:39

Tgt Ion:284 Resp: 122195
Ion Ratio Lower Upper
284 100
142 34.7 27.3 40.9
249 32.1 24.6 36.8

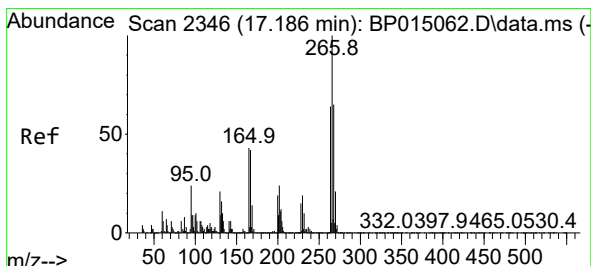
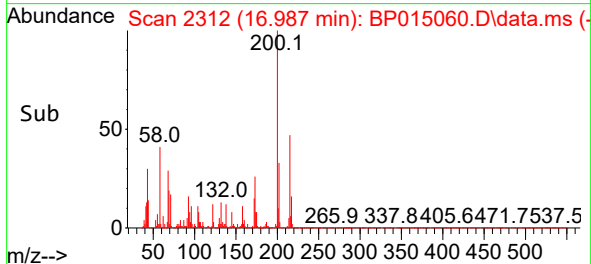
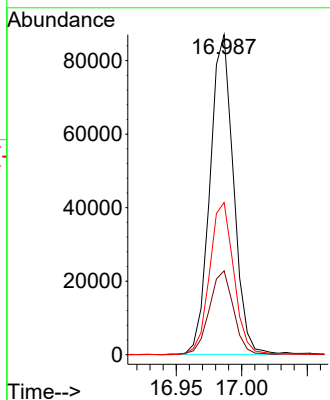
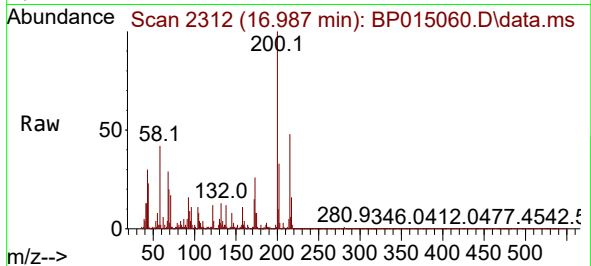




#70
Atrazine
Concen: 4.608 ng/ul
RT: 16.987 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP015060.D
Acq: 11 May 2023 11:39

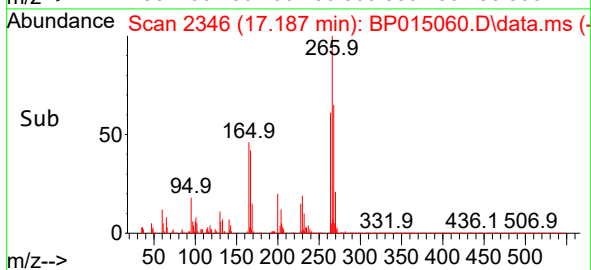
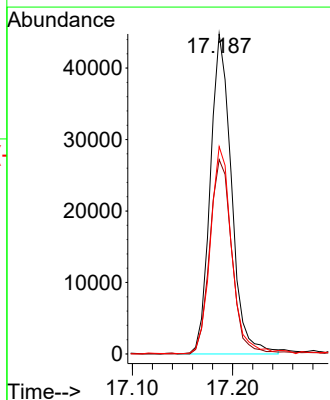
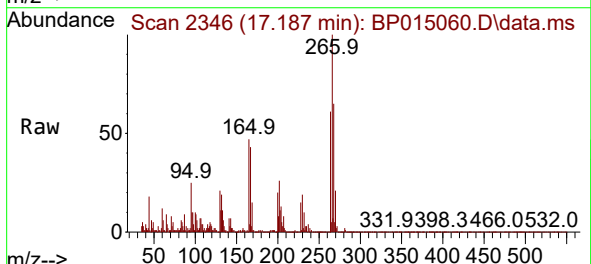
Instrument :
BNA_P
ClientSampleId :
SSTD005611

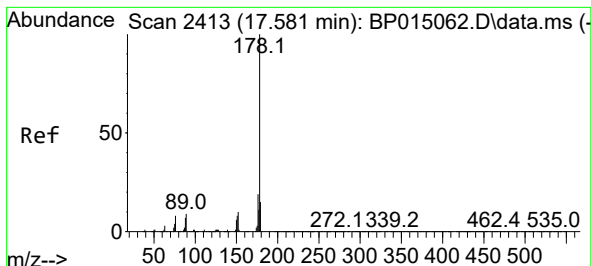
Tgt Ion:200 Resp: 108417
Ion Ratio Lower Upper
200 100
173 26.2 21.4 32.2
215 47.6 38.1 57.1



#71
Pentachlorophenol
Concen: 3.981 ng/ul
RT: 17.187 min Scan# 2346
Delta R.T. 0.000 min
Lab File: BP015060.D
Acq: 11 May 2023 11:39

Tgt Ion:266 Resp: 65623
Ion Ratio Lower Upper
266 100
264 60.7 51.0 76.4
268 64.8 51.8 77.6





#72

Phenanthrene

Concen: 4.766 ng/ul

RT: 17.587 min Scan# 2413

Delta R.T. 0.006 min

Lab File: BP015060.D

Acq: 11 May 2023 11:39

Instrument :

BNA_P

ClientSampleId :

SSTD005611

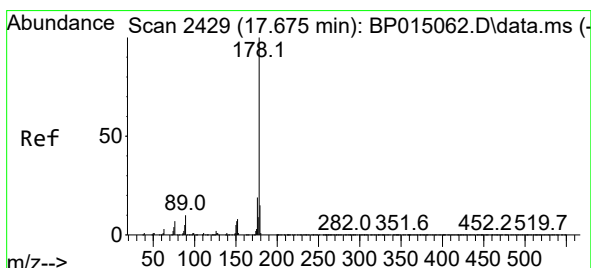
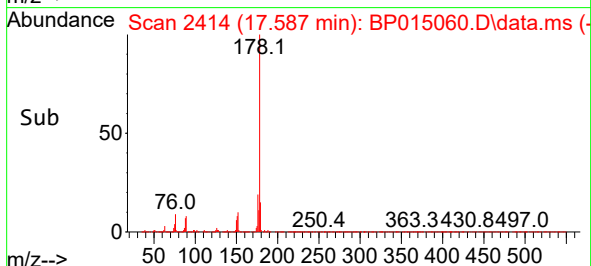
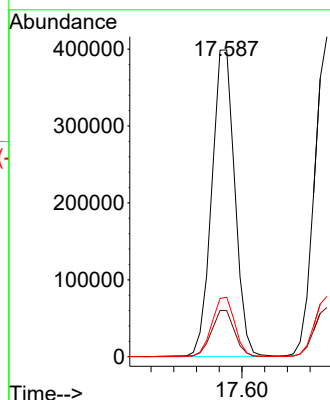
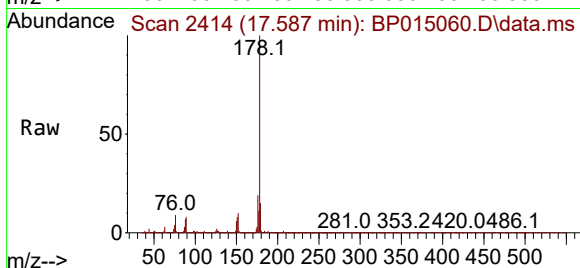
Tgt Ion:178 Resp: 561819

Ion Ratio Lower Upper

178 100

179 15.0 12.2 18.2

176 19.3 15.6 23.4



#74

Anthracene

Concen: 4.770 ng/ul

RT: 17.675 min Scan# 2429

Delta R.T. 0.000 min

Lab File: BP015060.D

Acq: 11 May 2023 11:39

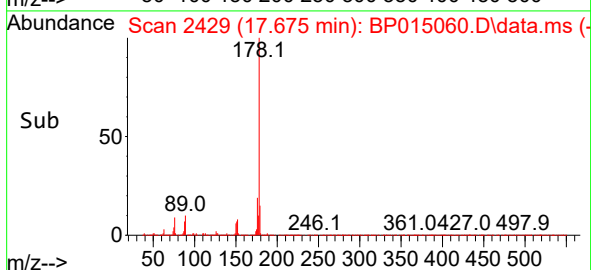
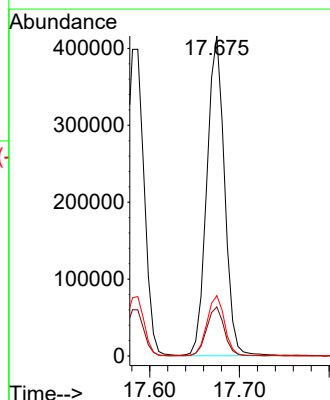
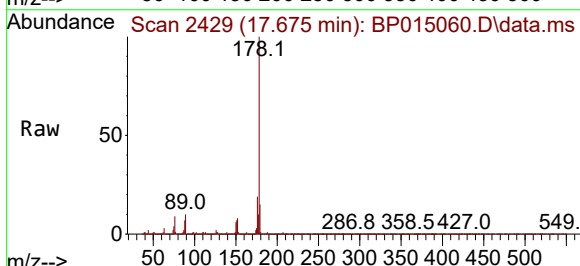
Tgt Ion:178 Resp: 568691

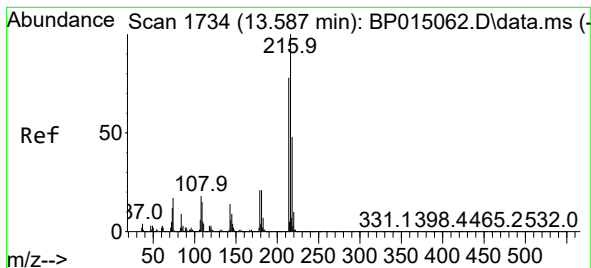
Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.2

176 18.8 15.2 22.8





#75

1,2,3,4-Tetrachlorobenzene

Concen: 4.556 ng/uL

RT: 13.587 min Scan# 1734

Delta R.T. 0.000 min

Lab File: BP015060.D

Acq: 11 May 2023 11:39

Instrument :

BNA_P

ClientSampleId :

SSTD005611

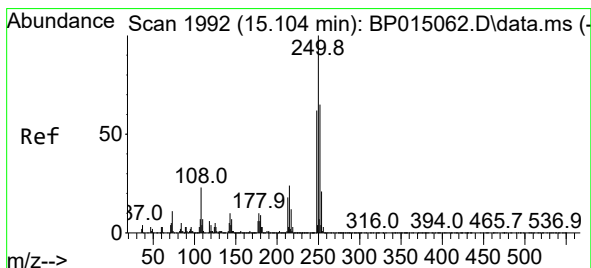
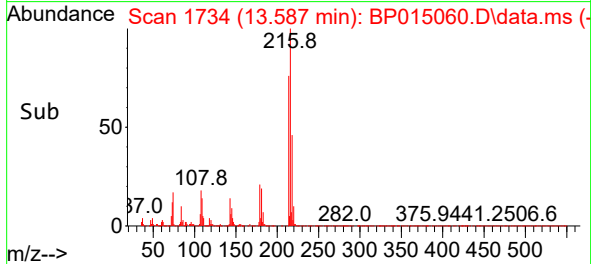
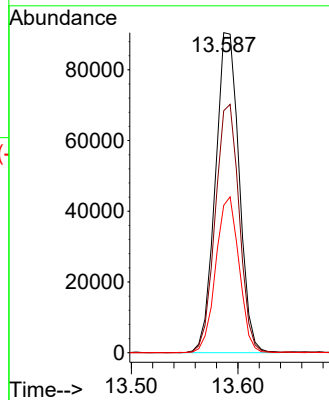
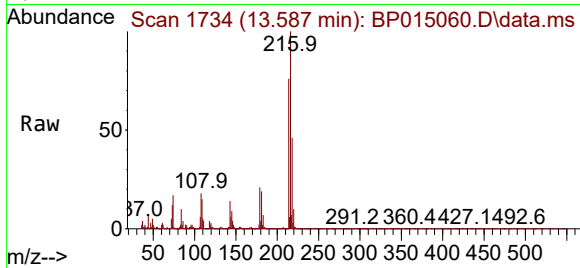
Tgt Ion:216 Resp: 139856

Ion Ratio Lower Upper

216 100

214 75.6 62.2 93.4

218 46.1 38.2 57.2



#76

Pentachlorobenzene

Concen: 4.643 ng/uL

RT: 15.104 min Scan# 1992

Delta R.T. 0.000 min

Lab File: BP015060.D

Acq: 11 May 2023 11:39

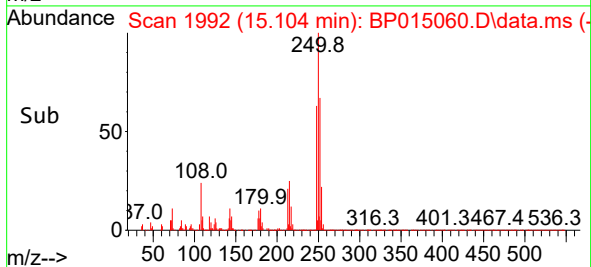
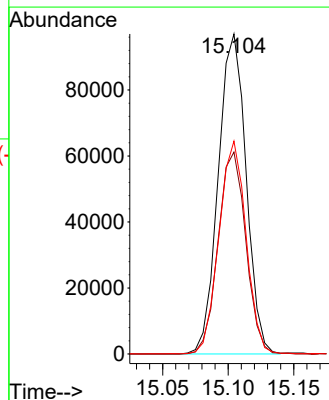
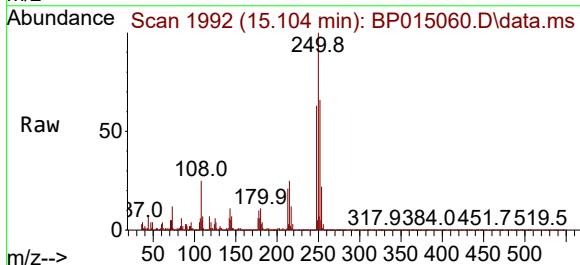
Tgt Ion:250 Resp: 143090

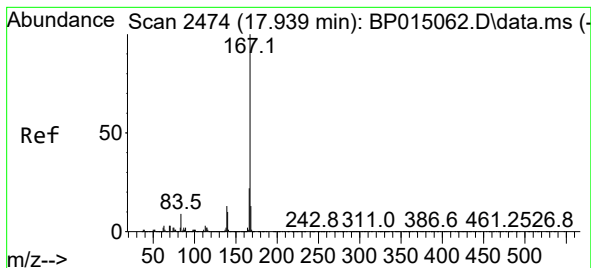
Ion Ratio Lower Upper

250 100

248 63.1 49.8 74.6

252 66.5 51.6 77.4





#77

Carbazole

Concen: 4.779 ng/ul

RT: 17.939 min Scan# 2474

Delta R.T. 0.000 min

Lab File: BP015060.D

Acq: 11 May 2023 11:39

Instrument :

BNA_P

ClientSampleId :

SSTD005611

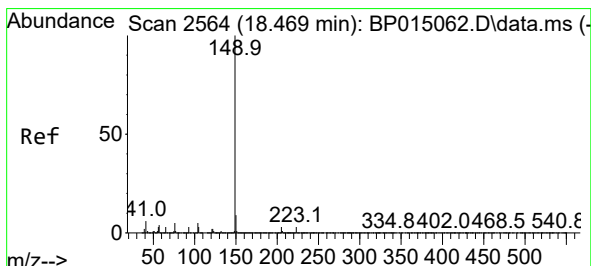
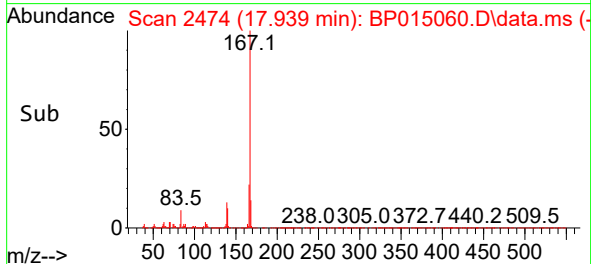
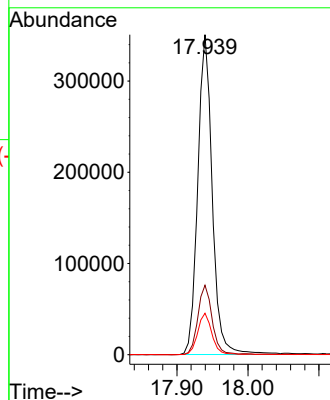
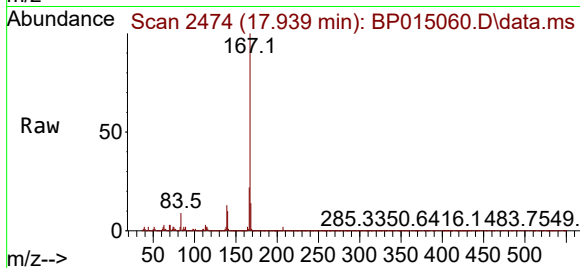
Tgt Ion:167 Resp: 499610

Ion Ratio Lower Upper

167 100

166 21.7 17.4 26.2

139 12.9 10.2 15.4



#78

Di-n-butylphthalate

Concen: 4.834 ng/ul

RT: 18.469 min Scan# 2564

Delta R.T. 0.000 min

Lab File: BP015060.D

Acq: 11 May 2023 11:39

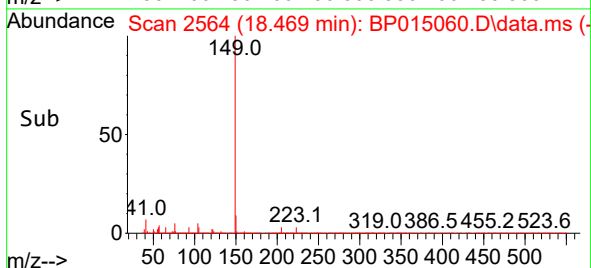
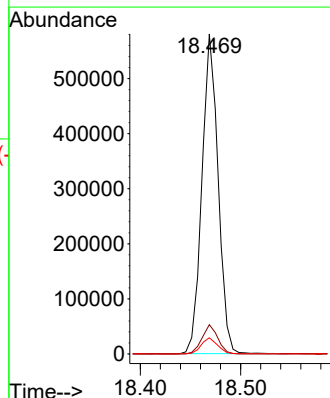
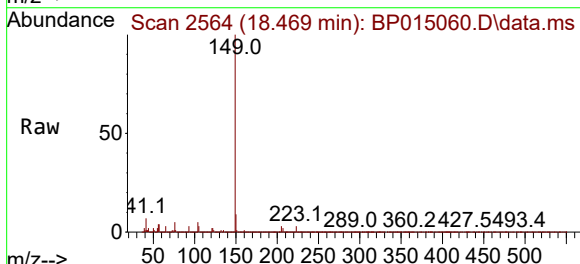
Tgt Ion:149 Resp: 650687

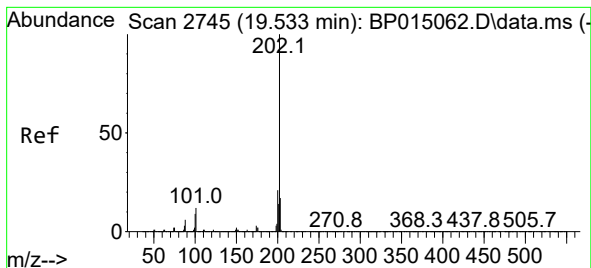
Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

104 5.1 3.9 5.9





#80

Fluoranthene

Concen: 4.709 ng/ul

RT: 19.534 min Scan# 2745

Delta R.T. 0.000 min

Lab File: BP015060.D

Acq: 11 May 2023 11:39

Instrument :

BNA_P

ClientSampleId :

SSTD005611

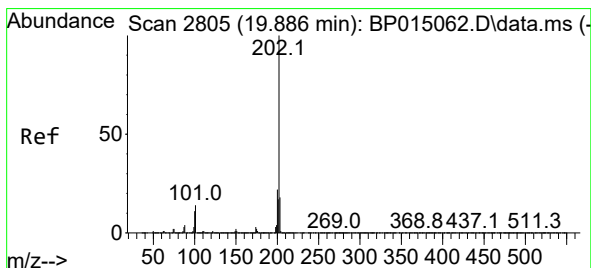
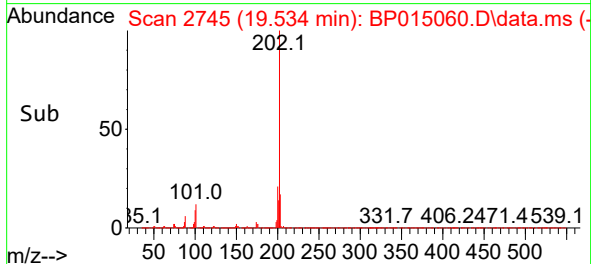
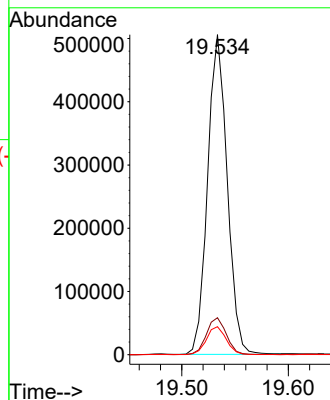
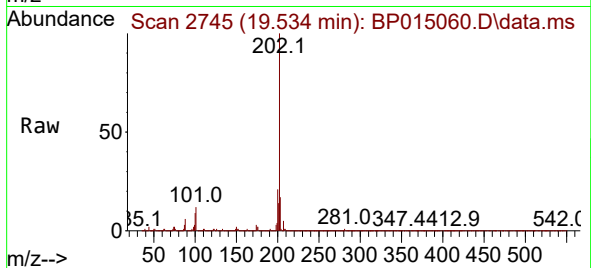
Tgt Ion:202 Resp: 648297

Ion Ratio Lower Upper

202 100

101 11.5 9.5 14.3

100 8.8 7.3 10.9



#82

Pyrene

Concen: 4.807 ng/ul

RT: 19.886 min Scan# 2805

Delta R.T. 0.000 min

Lab File: BP015060.D

Acq: 11 May 2023 11:39

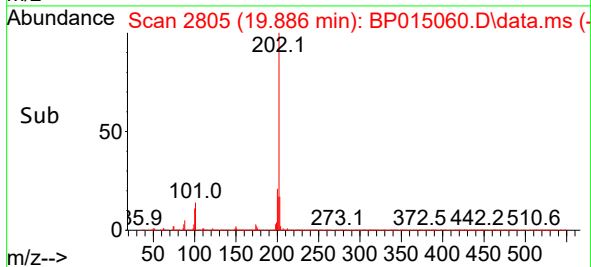
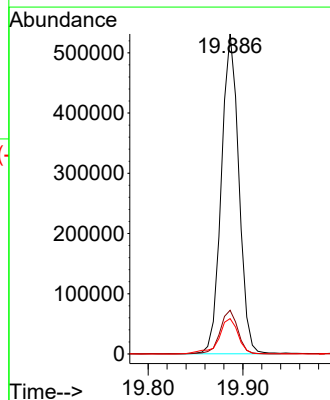
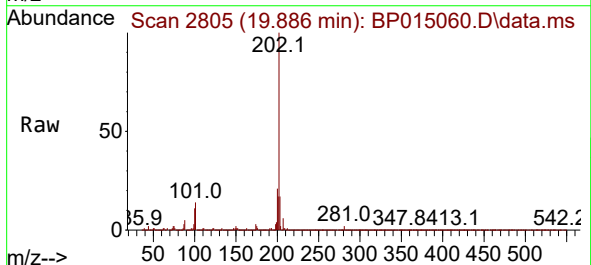
Tgt Ion:202 Resp: 683495

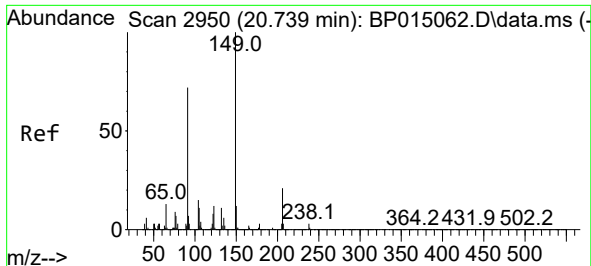
Ion Ratio Lower Upper

202 100

101 13.6 11.2 16.8

100 11.1 9.0 13.6

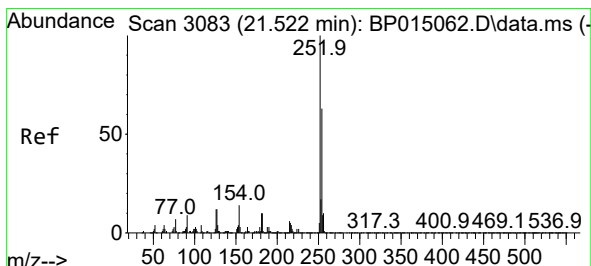
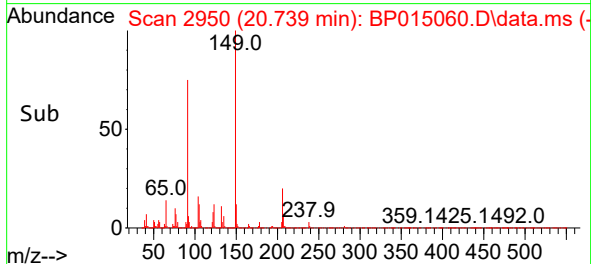
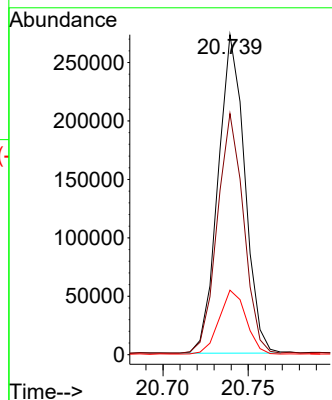
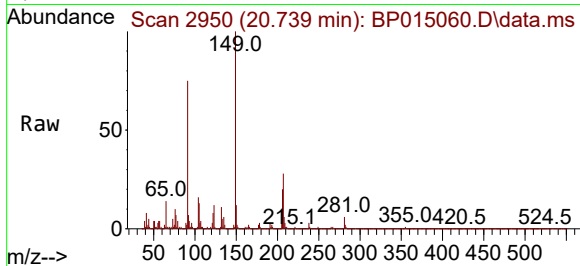




#83
Butylbenzylphthalate
Concen: 4.709 ng/ul
RT: 20.739 min Scan# 2950
Delta R.T. 0.000 min
Lab File: BP015060.D
Acq: 11 May 2023 11:39

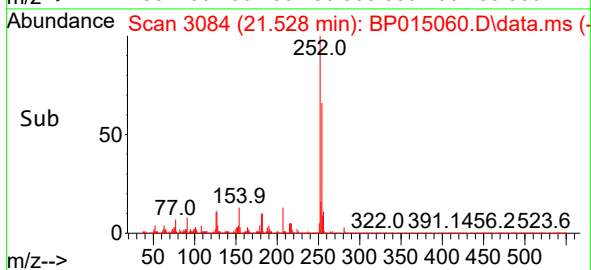
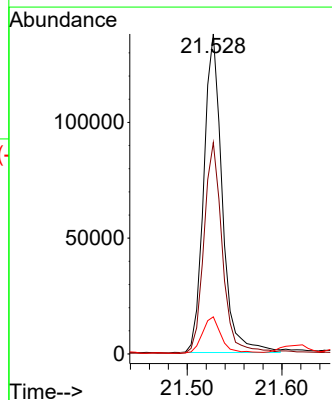
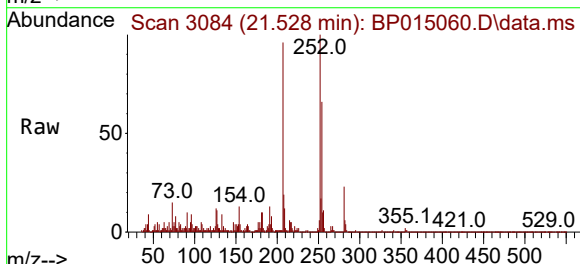
Instrument :
BNA_P
ClientSampleId :
SSTD005611

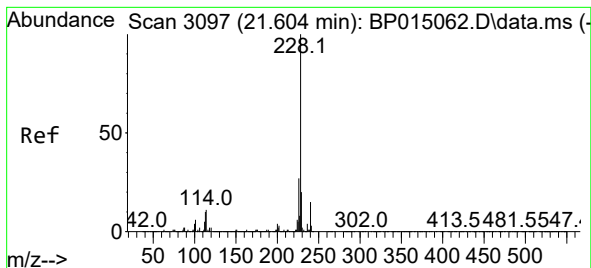
Tgt Ion:	149	Resp:	296819
Ion Ratio	Lower	Upper	
149	100		
91	75.3	57.4	86.2
206	20.2	16.6	25.0



#84
3,3'-Dichlorobenzidine
Concen: 4.357 ng/ul
RT: 21.528 min Scan# 3084
Delta R.T. 0.006 min
Lab File: BP015060.D
Acq: 11 May 2023 11:39

Tgt Ion:	252	Resp:	186360
Ion Ratio	Lower	Upper	
252	100		
254	66.0	50.8	76.2
126	11.6	9.8	14.8





#85

Benzo(a)anthracene

Concen: 4.751 ng/ul

RT: 21.604 min Scan# 3097

Delta R.T. 0.000 min

Lab File: BP015060.D

Acq: 11 May 2023 11:39

Instrument :

BNA_P

ClientSampleId :

SSTD005611

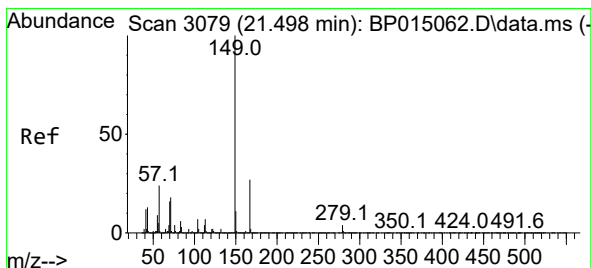
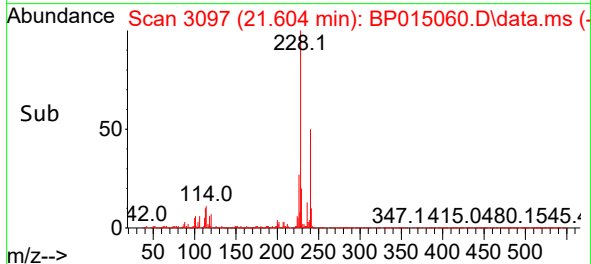
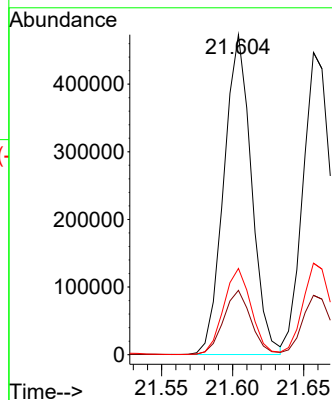
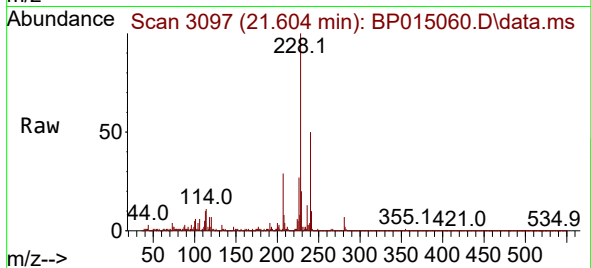
Tgt Ion:228 Resp: 639848

Ion Ratio Lower Upper

228 100

229 20.1 16.1 24.1

226 26.9 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 4.745 ng/ul

RT: 21.498 min Scan# 3079

Delta R.T. 0.000 min

Lab File: BP015060.D

Acq: 11 May 2023 11:39

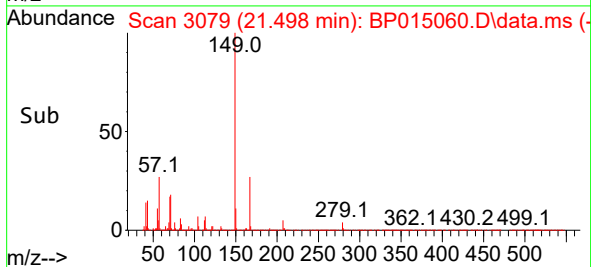
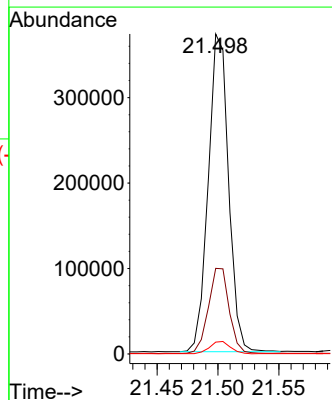
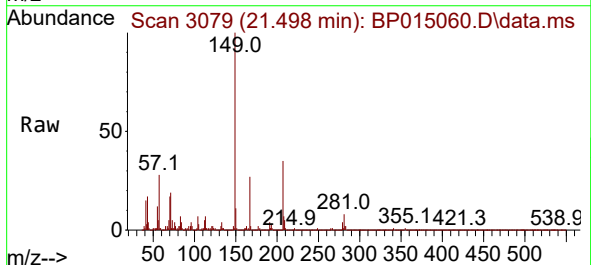
Tgt Ion:149 Resp: 430601

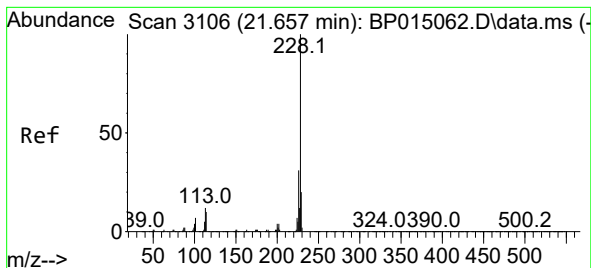
Ion Ratio Lower Upper

149 100

167 26.7 21.8 32.6

279 3.7 3.2 4.8





#87

Chrysene

Concen: 4.800 ng/ul

RT: 21.657 min Scan# 3106

Delta R.T. 0.000 min

Lab File: BP015060.D

Acq: 11 May 2023 11:39

Instrument :

BNA_P

ClientSampleId :

SSTD005611

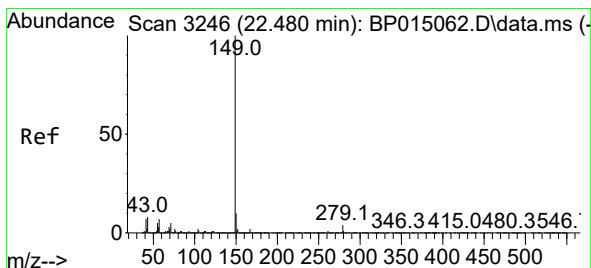
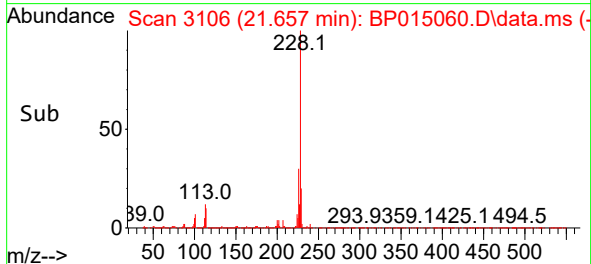
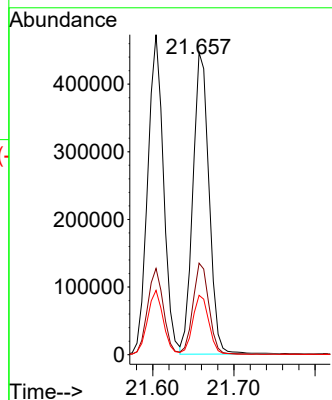
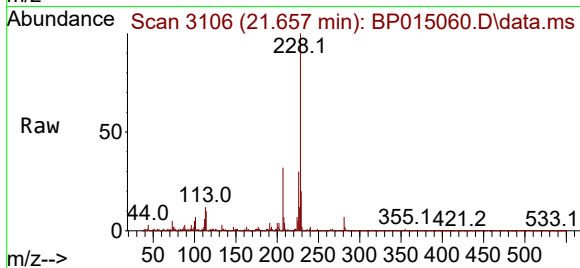
Tgt Ion:228 Resp: 617879

Ion Ratio Lower Upper

228 100

226 30.3 25.0 37.6

229 19.7 16.1 24.1



#89

Di-n-octyl phthalate

Concen: 4.806 ng/ul

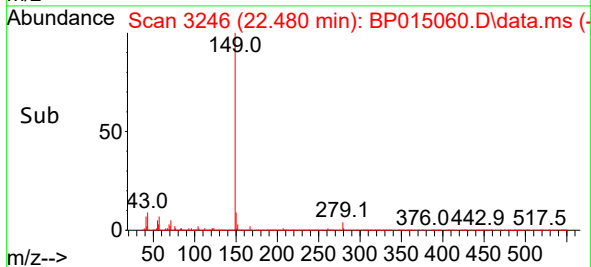
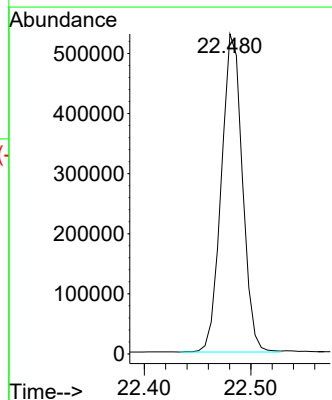
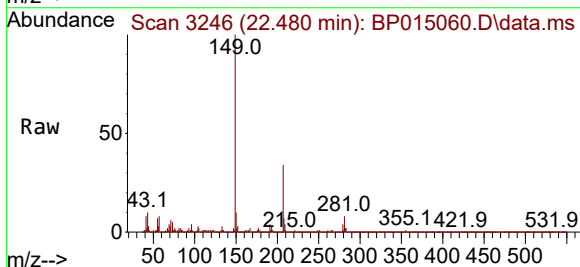
RT: 22.480 min Scan# 3246

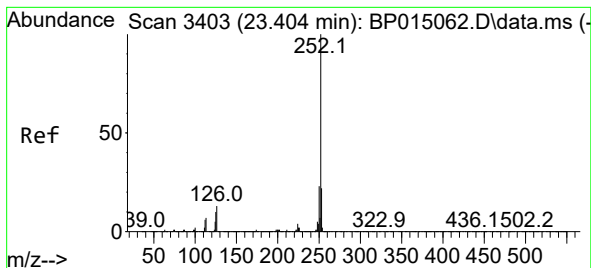
Delta R.T. 0.000 min

Lab File: BP015060.D

Acq: 11 May 2023 11:39

Tgt Ion:149 Resp: 725012





#90

Benzo(b)fluoranthene

Concen: 4.602 ng/ul

RT: 23.404 min Scan# 3403

Delta R.T. 0.000 min

Lab File: BP015060.D

Acq: 11 May 2023 11:39

Instrument :

BNA_P

ClientSampleId :

SSTD005611

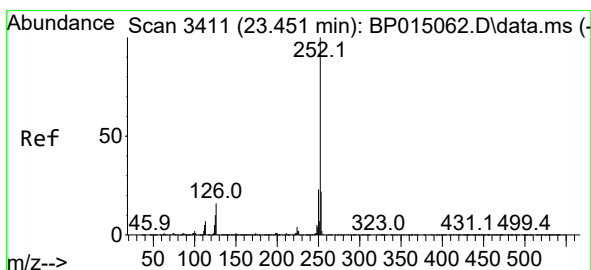
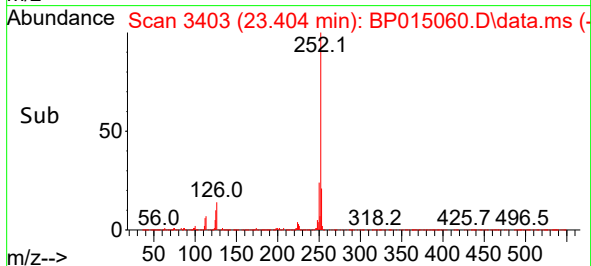
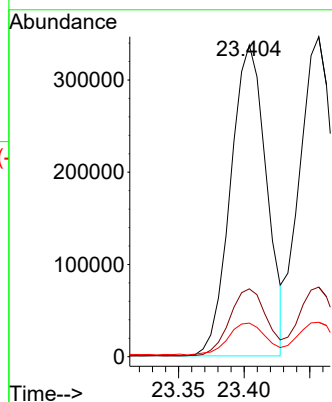
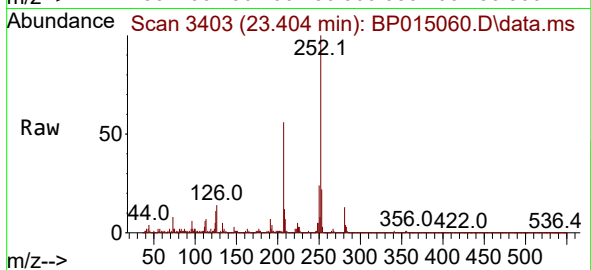
Tgt Ion:252 Resp: 642603

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

125 10.8 8.3 12.5



#91

Benzo(k)fluoranthene

Concen: 4.831 ng/ul

RT: 23.457 min Scan# 3412

Delta R.T. 0.006 min

Lab File: BP015060.D

Acq: 11 May 2023 11:39

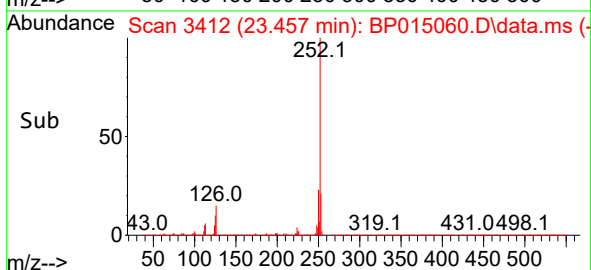
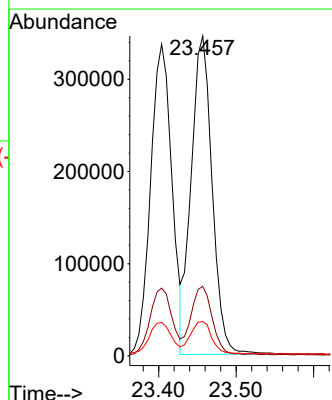
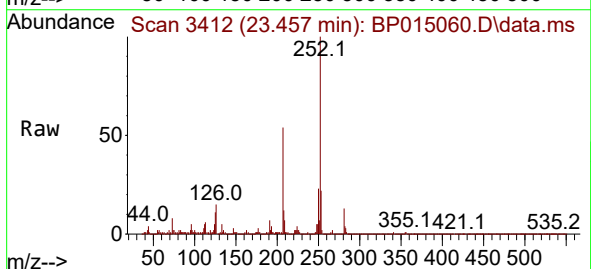
Tgt Ion:252 Resp: 647821

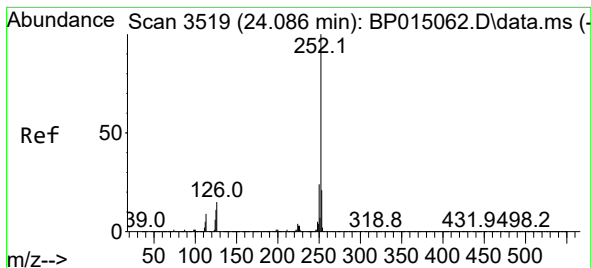
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 10.8 8.5 12.7





#93

Benzo(a)pyrene

Concen: 4.705 ng/ul

RT: 24.086 min Scan# 3519

Delta R.T. 0.000 min

Lab File: BP015060.D

Acq: 11 May 2023 11:39

Instrument :

BNA_P

ClientSampleId :

SSTD005611

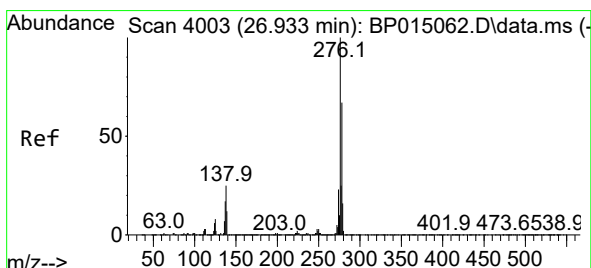
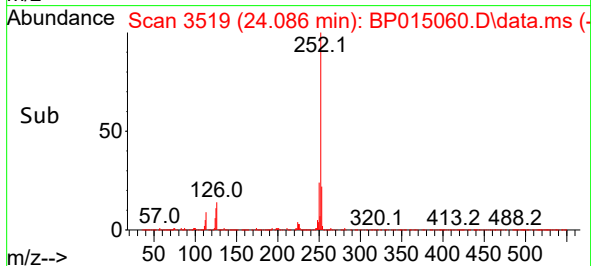
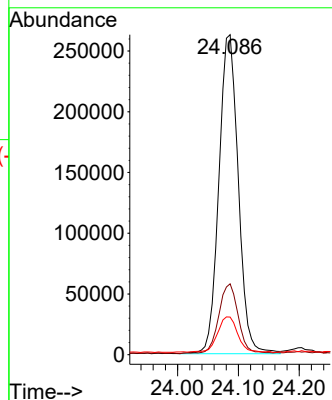
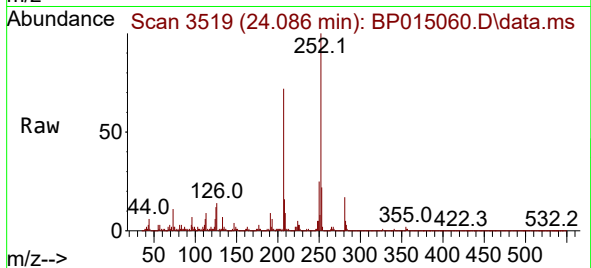
Tgt Ion:252 Resp: 580772

Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

125 11.8 9.1 13.7



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.600 ng/ul

RT: 26.933 min Scan# 4003

Delta R.T. 0.000 min

Lab File: BP015060.D

Acq: 11 May 2023 11:39

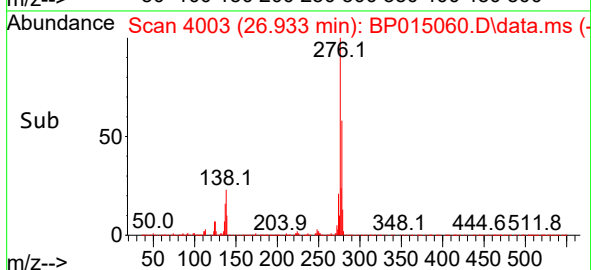
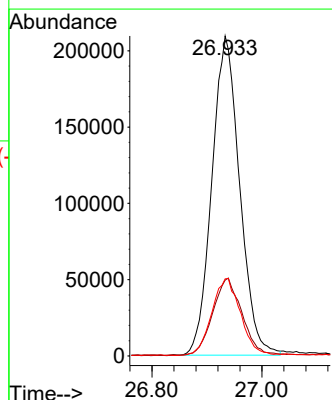
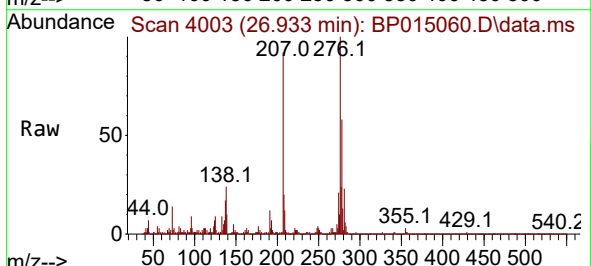
Tgt Ion:276 Resp: 735090

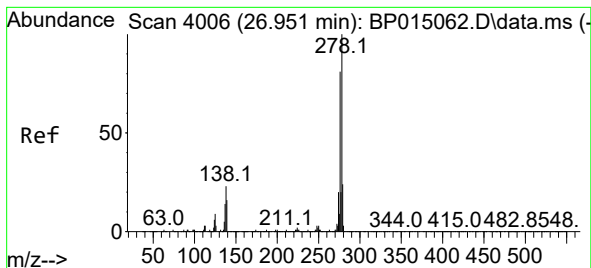
Ion Ratio Lower Upper

276 100

138 23.7 20.1 30.1

277 24.1 19.8 29.8





#95

Dibenzo(a,h)anthracene

Concen: 4.633 ng/ul

RT: 26.951 min Scan# 4006

Delta R.T. 0.000 min

Lab File: BP015060.D

Acq: 11 May 2023 11:39

Instrument :

BNA_P

ClientSampleId :

SSTD005611

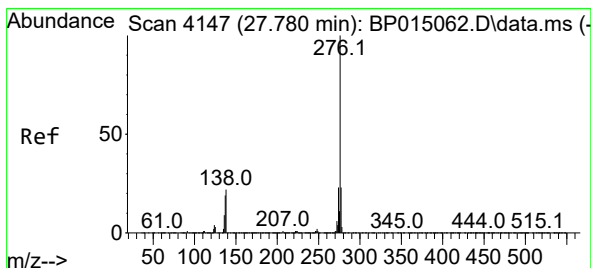
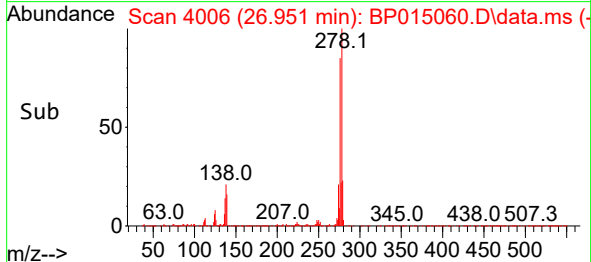
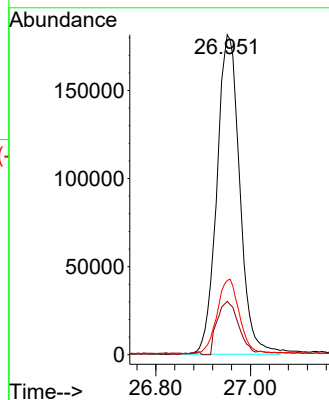
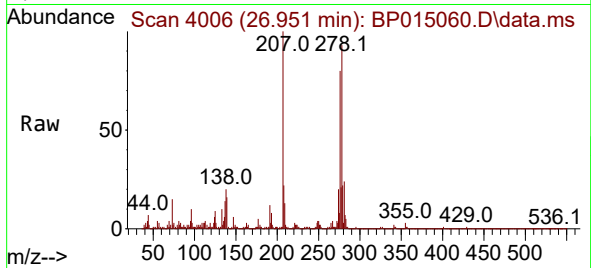
Tgt Ion:278 Resp: 607825

Ion Ratio Lower Upper

278 100

139 16.7 13.3 19.9

279 23.2 19.1 28.7



#96

Benzo(g,h,i)perylene

Concen: 4.625 ng/ul

RT: 27.774 min Scan# 4146

Delta R.T. -0.006 min

Lab File: BP015060.D

Acq: 11 May 2023 11:39

Tgt Ion:276 Resp: 602689

Ion Ratio Lower Upper

276 100

138 20.9 17.7 26.5

277 22.9 18.8 28.2

