

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052223\
 Data File : BP052229.D
 Acq On : 22 May 2023 23:59
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020726

Quant Time: May 23 01:27:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 23 01:25:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.122	152	246384	20.000	ng/u1	0.00
20) Naphthalene-d8	10.951	136	1061669	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.757	164	669714	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.510	188	1433038	20.000	ng/u1	0.00
79) Chrysene-d12	21.586	240	1010939	20.000	ng/u1	0.00
88) Perylene-d12	24.139	264	1069611	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	48664	7.674	ng/uL	0.00
4) Pyridine-d5	3.869	84	330341	18.378	ng/u1	0.00
7) Phenol-d5	7.269	99	449887	19.666	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.440	67	266748	20.190	ng/u1	0.00
11) 2-Chlorophenol-d4	7.645	132	346115	20.578	ng/u1	0.00
15) 4-Methylphenol-d8	8.834	113	363224	19.926	ng/u1	0.00
21) Nitrobenzene-d5	9.298	128	181408	21.745	ng/u1	0.00
24) 2-Nitrophenol-d4	10.028	143	205511	22.139	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.563	165	373585	22.303	ng/u1	0.00
31) 4-Chloroaniline-d4	11.086	131	500634	20.201	ng/u1	0.00
46) Dimethylphthalate-d6	14.163	166	1081460	21.370	ng/u1	0.00
49) Acenaphthylene-d8	14.457	160	1240949	21.440	ng/u1	0.00
54) 4-Nitrophenol-d4	14.951	143	184544	18.780	ng/u1	0.00
60) Fluorene-d10	15.751	176	922622	21.606	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	165501	18.326	ng/u1	0.00
73) Anthracene-d10	17.610	188	1394501	21.251	ng/u1	0.00
81) Pyrene-d10	19.827	212	1428366	24.361	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.974	264	1110976	20.924	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.469	88	50320	7.385	ng/uL#	95
5) Pyridine	3.887	79	345879	18.502	ng/u1	95
6) Benzaldehyde	7.251	77	159973	25.442	ng/u1	99
8) Phenol	7.298	94	469914	20.032	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.534	93	373152	19.883	ng/u1	98
12) 2-Chlorophenol	7.681	128	360435	20.260	ng/u1	97
13) 2-Methylphenol	8.563	108	356982	19.690	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.657	45	471849	20.067	ng/u1	98
16) Acetophenone	8.957	105	585559	20.582	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.940	70	296355	19.862	ng/u1	95
18) 4-Methylphenol	8.898	108	393835	19.736	ng/u1	98
19) Hexachloroethane	9.210	117	146825	20.212	ng/u1	91
22) Nitrobenzene	9.340	77	452295	21.952	ng/u1	99
23) Isophorone	9.869	82	859578	20.296	ng/u1	99
25) 2-Nitrophenol	10.057	139	223252	21.932	ng/u1	94
26) 2,4-Dimethylphenol	10.110	107	447305	22.021	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.351	93	528403	20.506	ng/u1	98
29) 2,4-Dichlorophenol	10.592	162	374131	22.112	ng/u1	99
30) Naphthalene	11.004	128	1203398	20.849	ng/u1	99
32) 4-Chloroaniline	11.110	127	527390	20.705	ng/u1	99
33) Hexachlorobutadiene	11.281	225	239410	23.478	ng/u1	99
34) Caprolactam	11.886	113	119363	18.712	ng/u1	92
35) 4-Chloro-3-methylphenol	12.222	107	418098	21.885	ng/u1	99
36) 2-Methylnaphthalene	12.598	142	826252	21.246	ng/u1	99

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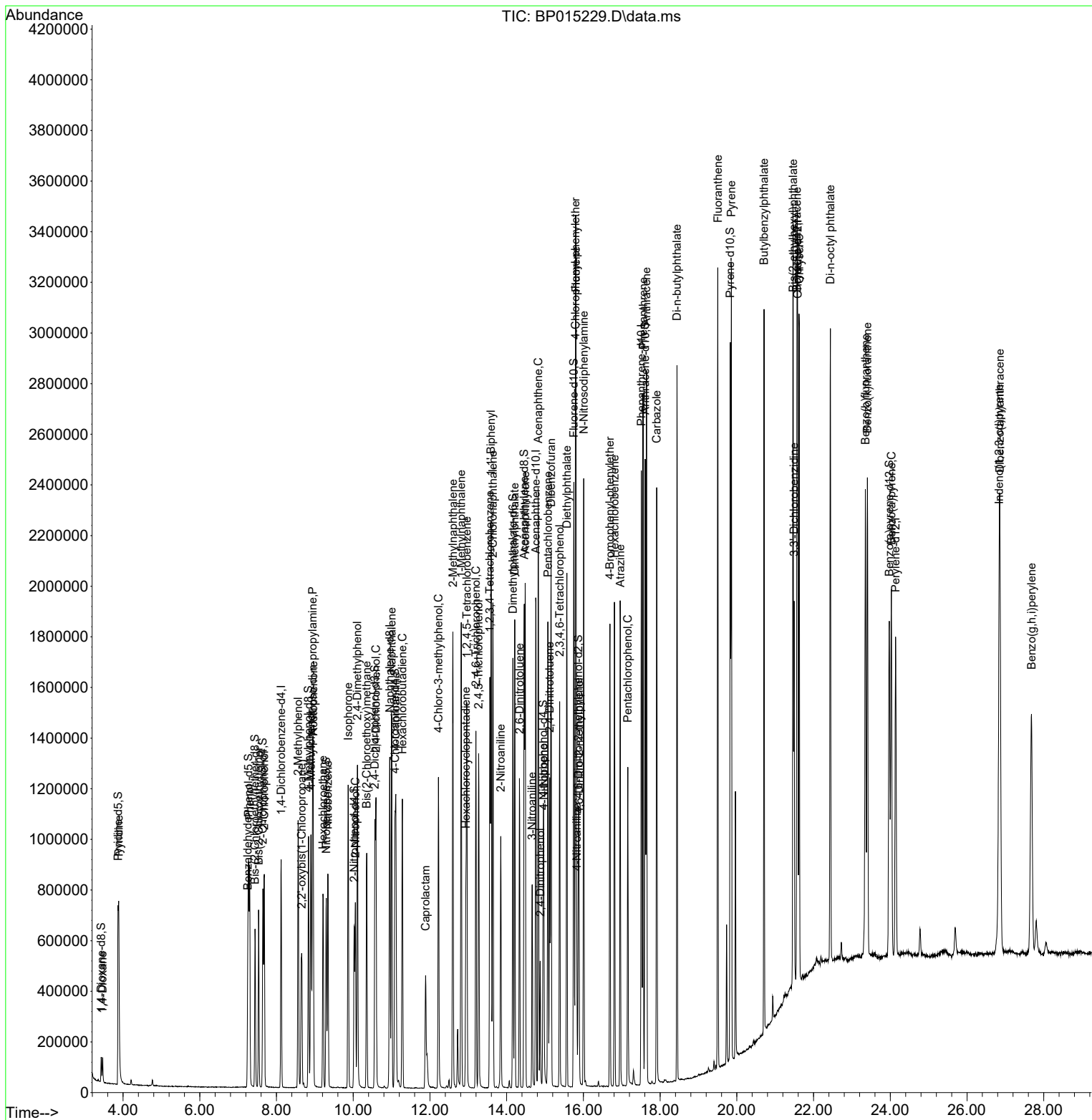
Instrument :
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 ClientSampleId :
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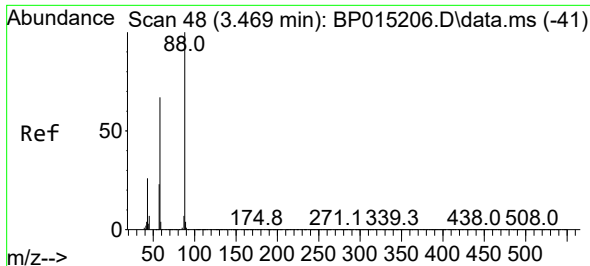
Quant Time: May 23 01:27:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 23 01:25:41 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.816	142	830989	21.278	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.963	216	461203	23.026	ng/ul	99
40) Hexachlorocyclopentadiene	12.939	237	193542	14.914	ng/ul	99
41) 2,4,6-Trichlorophenol	13.198	196	314781	22.256	ng/ul	98
42) 2,4,5-Trichlorophenol	13.269	196	342044	22.304	ng/ul	99
43) 1,1'-Biphenyl	13.592	154	1125113	21.653	ng/ul	98
44) 2-Chloronaphthalene	13.639	162	890136	21.936	ng/ul	100
45) 2-Nitroaniline	13.845	65	264293	22.763	ng/ul	93
47) Dimethylphthalate	14.210	163	1116288	21.180	ng/ul	100
48) 2,6-Dinitrotoluene	14.333	165	235313	22.536	ng/ul	99
50) Acenaphthylene	14.486	152	1362361	21.095	ng/ul	99
51) 3-Nitroaniline	14.663	138	195474	20.790	ng/ul	98
52) Acenaphthene	14.822	153	926718	21.010	ng/ul	100
53) 2,4-Dinitrophenol	14.875	184	109804	15.838	ng/ul	97
55) 4-Nitrophenol	14.969	109	159680	22.093	ng/ul	82
56) Dibenzofuran	15.157	168	1312759	21.398	ng/ul	99
57) 2,4-Dinitrotoluene	15.122	165	336765	22.289	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.380	232	286019	22.099	ng/ul	98
59) Diethylphthalate	15.569	149	1121072	21.327	ng/ul	99
61) Fluorene	15.804	166	1051144	21.320	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.792	204	529015	21.960	ng/ul	95
63) 4-Nitroaniline	15.827	138	156964	19.332	ng/ul#	88
66) 4,6-Dinitro-2-methylph...	15.886	198	171507	18.401	ng/ul	97
67) N-Nitrosodiphenylamine	16.010	169	910639	21.611	ng/ul	100
68) 4-Bromophenyl-phenylether	16.692	248	337298	22.851	ng/ul	100
69) Hexachlorobenzene	16.810	284	394023	22.589	ng/ul	99
70) Atrazine	16.963	200	345963	22.213	ng/ul	98
71) Pentachlorophenol	17.157	266	219935	20.157	ng/ul	98
72) Phenanthrene	17.557	178	1639302	21.007	ng/ul	99
74) Anthracene	17.645	178	1648334	20.889	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.563	216	477257	23.489	ng/ul	99
76) Pentachlorobenzene	15.075	250	472035	23.138	ng/ul	99
77) Carbazole	17.910	167	1441362	20.831	ng/ul	99
78) Di-n-butylphthalate	18.439	149	1916104	21.503	ng/ul	99
80) Fluoranthene	19.504	202	1799130	25.175	ng/ul	98
82) Pyrene	19.857	202	1794808	24.320	ng/ul	97
83) Butylbenzylphthalate	20.709	149	814886	24.907	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.492	252	462884	20.848	ng/ul	98
85) Benzo(a)anthracene	21.568	228	1514617	21.668	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.468	149	1169424	24.828	ng/ul	99
87) Chrysene	21.627	228	1409254	21.090	ng/ul	98
89) Di-n-octyl phthalate	22.439	149	1834138	25.038	ng/ul	100
90) Benzo(b)fluoranthene	23.351	252	1473203	21.726	ng/ul	99
91) Benzo(k)fluoranthene	23.403	252	1369120	21.028	ng/ul	98
93) Benzo(a)pyrene	24.027	252	1238379	20.662	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.839	276	1625923	20.951	ng/ul	97
95) Dibenzo(a,h)anthracene	26.856	278	1343797	21.094	ng/ul	99
96) Benzo(g,h,i)perylene	27.680	276	1345912	21.268	ng/ul	96

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

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Response via : Initial Calibration

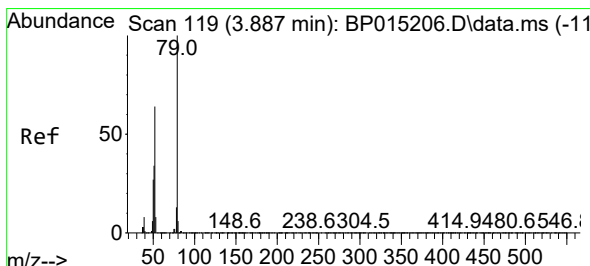
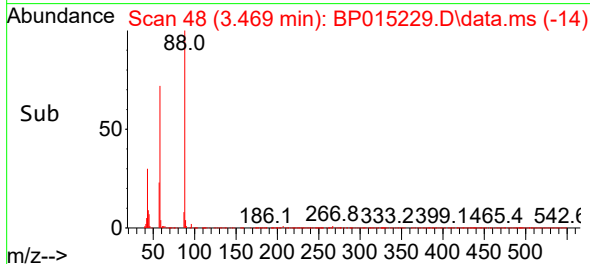
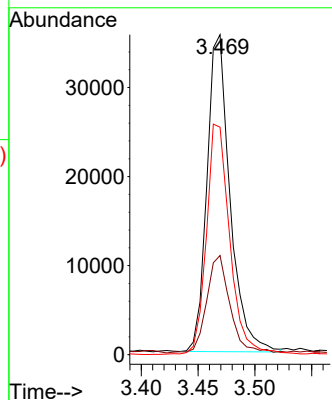
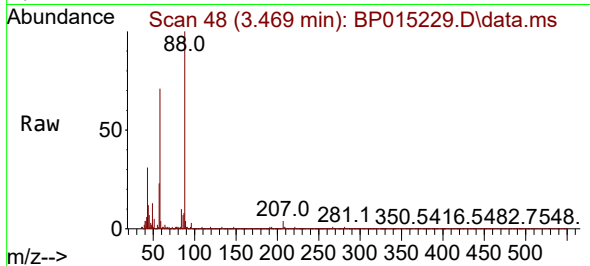




#2
 1,4-Dioxane
 Concen: 7.385 ng/uL
 RT: 3.469 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: BP015229.D
 Acq: 22 May 2023 23:59

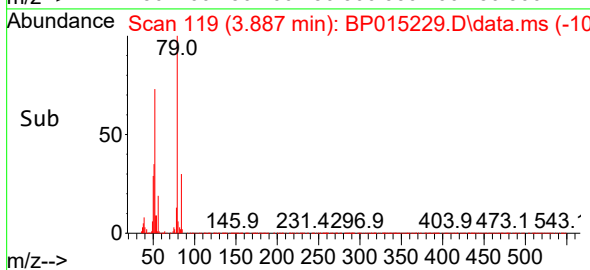
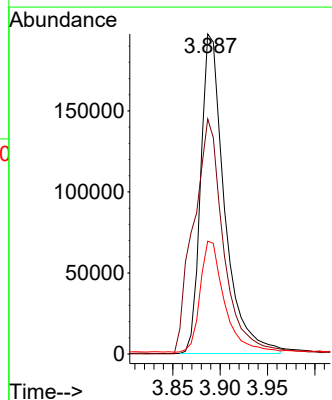
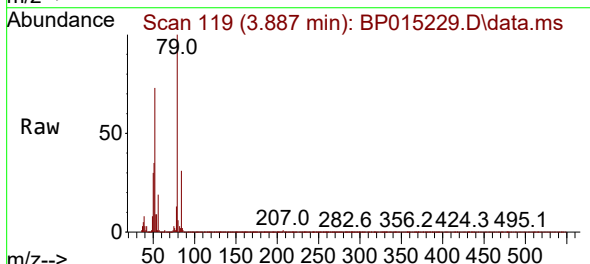
Instrument :
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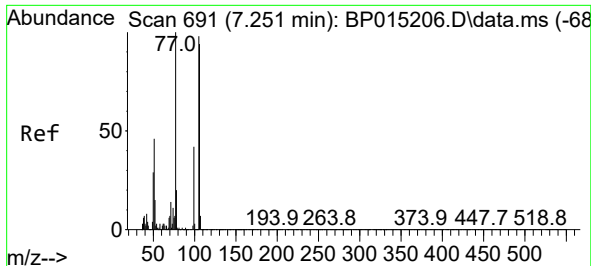
Tgt Ion: 88 Resp: 50320
 Ion Ratio Lower Upper
 88 100
 43 31.0 20.4 30.6#
 58 71.1 55.4 83.2



#5
 Pyridine
 Concen: 18.502 ng/uL
 RT: 3.887 min Scan# 119
 Delta R.T. -0.000 min
 Lab File: BP015229.D
 Acq: 22 May 2023 23:59

Tgt Ion: 79 Resp: 345879
 Ion Ratio Lower Upper
 79 100
 52 73.4 55.4 83.2
 51 35.3 25.4 38.2

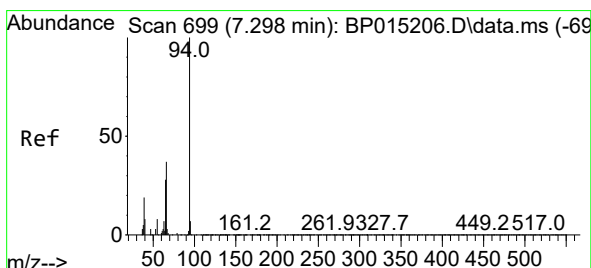
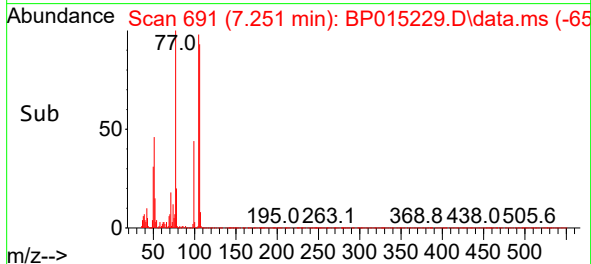
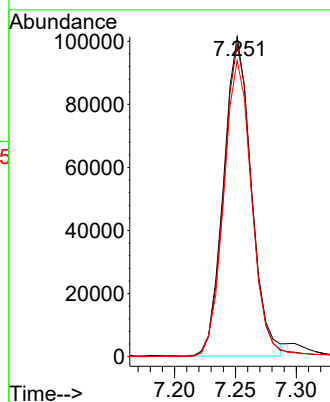
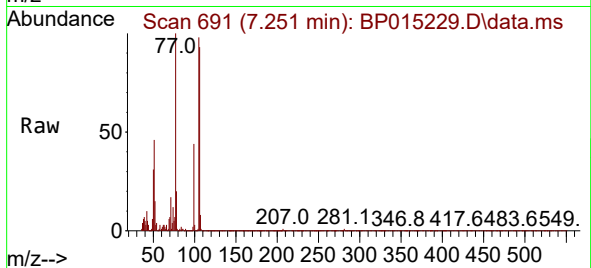




#6
Benzaldehyde
Concen: 25.442 ng/ul
RT: 7.251 min Scan# 691
Delta R.T. -0.000 min
Lab File: BP015229.D
Acq: 22 May 2023 23:59

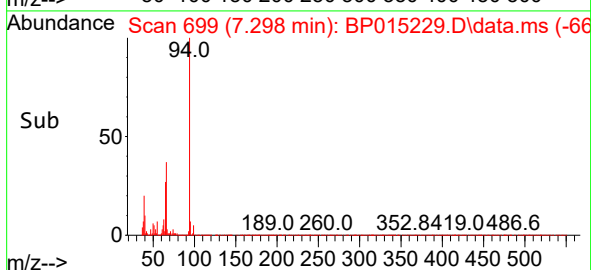
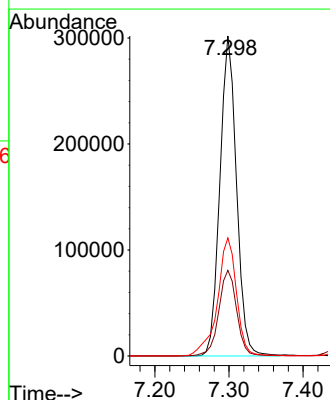
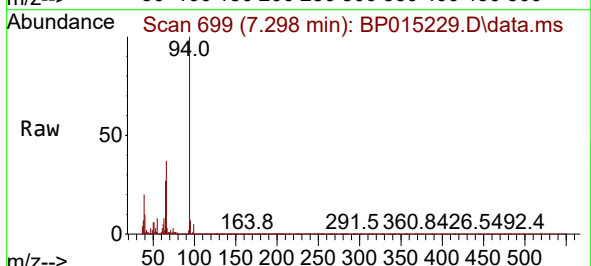
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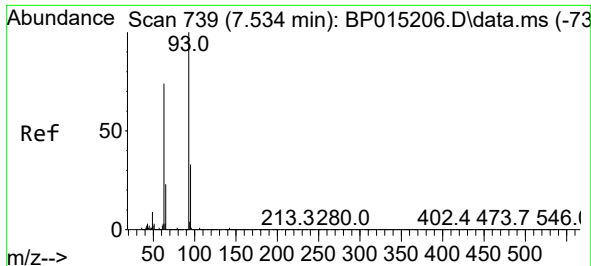
Tgt Ion: 77 Resp: 159973
Ion Ratio Lower Upper
77 100
105 97.6 76.9 115.3
106 92.5 75.0 112.6



#8
Phenol
Concen: 20.032 ng/ul
RT: 7.298 min Scan# 699
Delta R.T. -0.000 min
Lab File: BP015229.D
Acq: 22 May 2023 23:59

Tgt Ion: 94 Resp: 469914
Ion Ratio Lower Upper
94 100
65 26.8 20.6 31.0
66 36.9 26.1 39.1

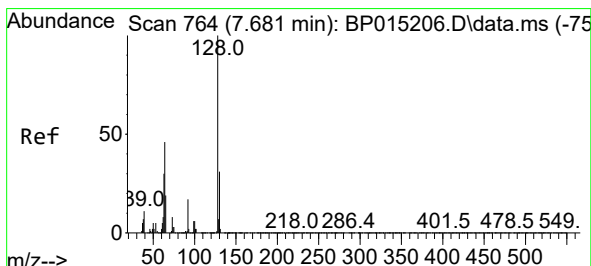
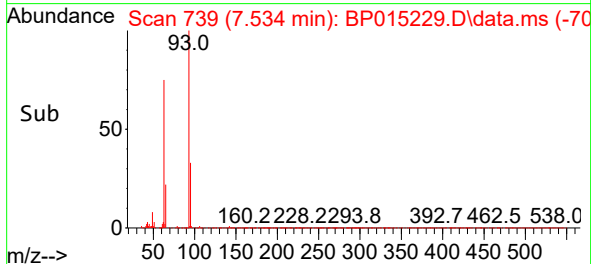
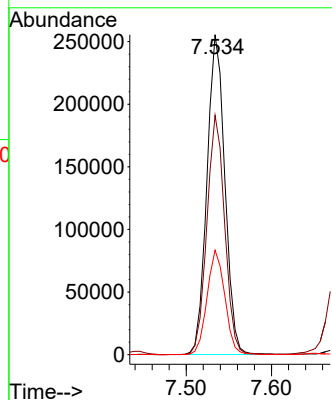
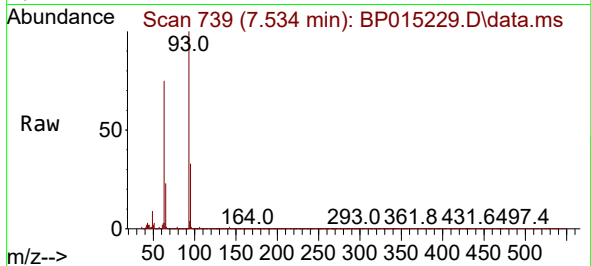




#10
Bis(2-Chloroethyl)ether
Concen: 19.883 ng/ul
RT: 7.534 min Scan# 739
Delta R.T. -0.000 min
Lab File: BP015229.D
Acq: 22 May 2023 23:59

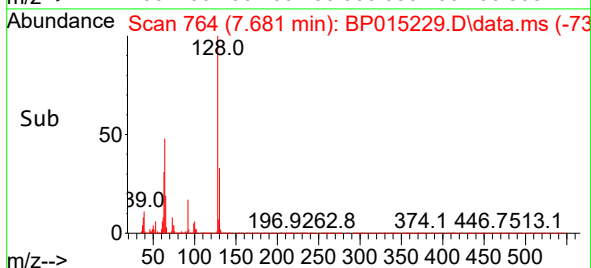
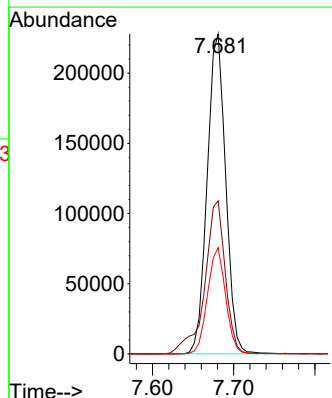
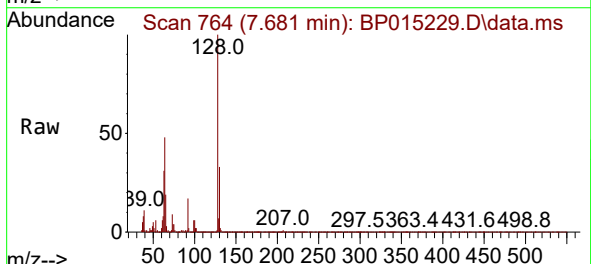
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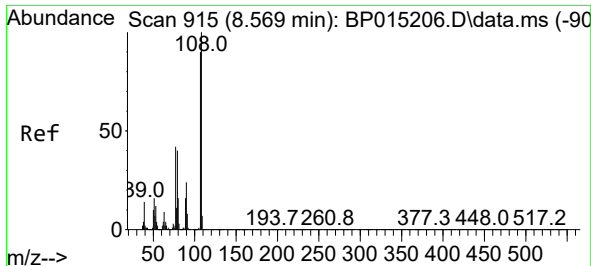
Tgt Ion: 93 Resp: 373152
Ion Ratio Lower Upper
93 100
63 74.8 58.0 87.0
95 32.7 26.4 39.6



#12
2-Chlorophenol
Concen: 20.260 ng/ul
RT: 7.681 min Scan# 764
Delta R.T. -0.000 min
Lab File: BP015229.D
Acq: 22 May 2023 23:59

Tgt Ion:128 Resp: 360435
Ion Ratio Lower Upper
128 100
64 47.8 36.2 54.2
130 33.3 26.3 39.5





#13

2-Methylphenol

Concen: 19.690 ng/ul

RT: 8.563 min Scan# 91

Delta R.T. -0.000 min

Lab File: BP015229.D

Acq: 22 May 2023 23:59

Instrument :

BNA_P

ClientSampleId :

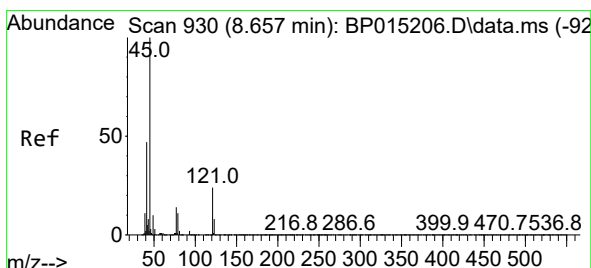
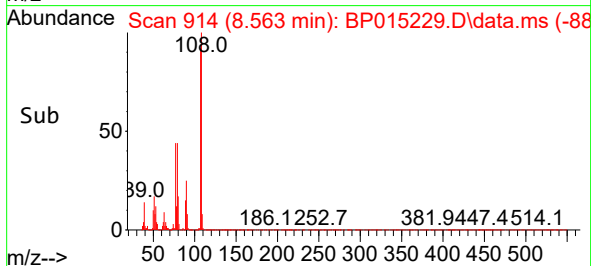
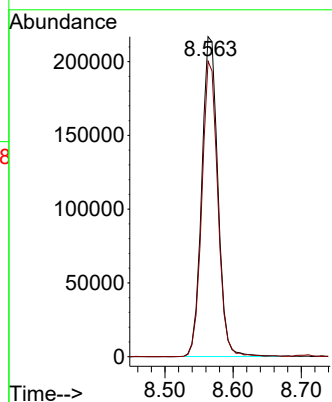
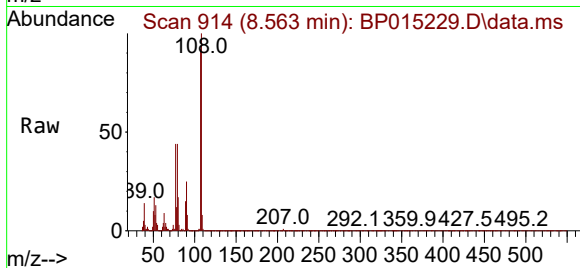
SSTD020726

Tgt Ion:108 Resp: 356982

Ion Ratio Lower Upper

108 100

107 92.3 71.8 107.6



#14

2,2'-oxybis(1-Chloropropane)

Concen: 20.067 ng/ul

RT: 8.657 min Scan# 930

Delta R.T. -0.000 min

Lab File: BP015229.D

Acq: 22 May 2023 23:59

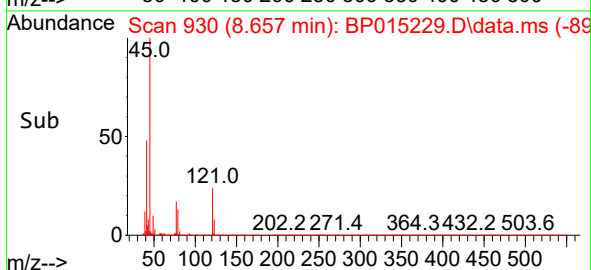
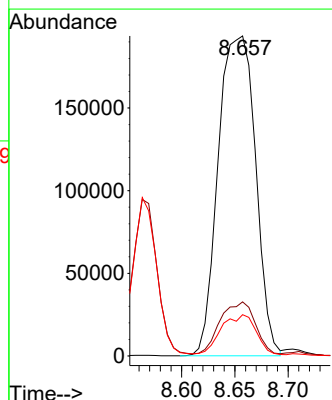
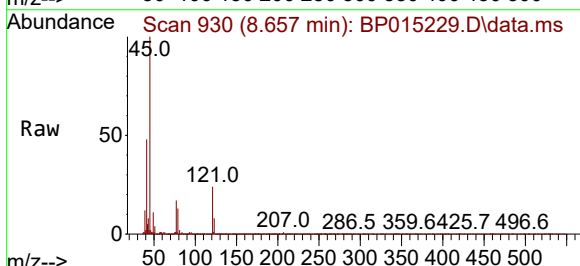
Tgt Ion: 45 Resp: 471849

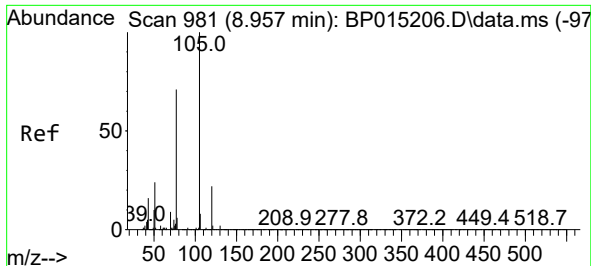
Ion Ratio Lower Upper

45 100

77 16.9 12.8 19.2

79 12.9 9.5 14.3

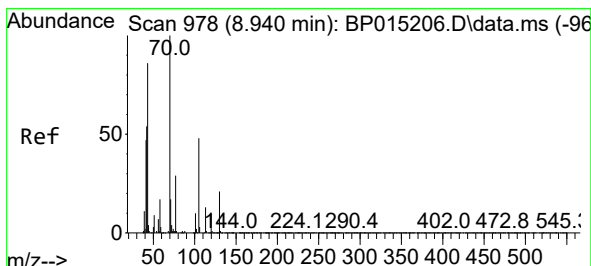
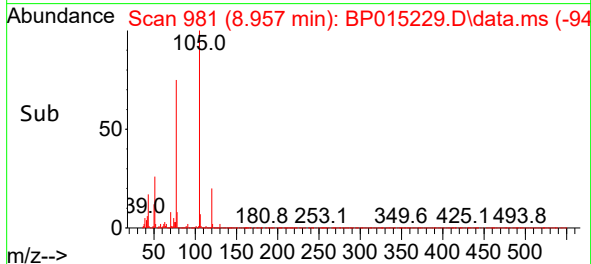
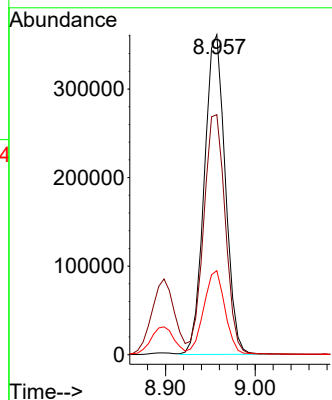
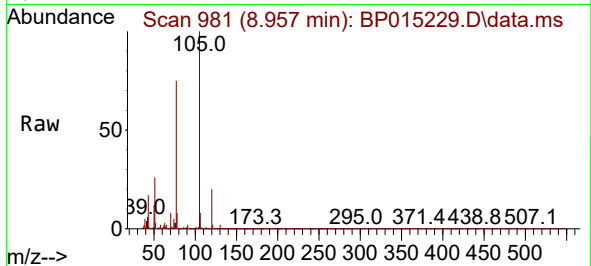




#16
Acetophenone
Concen: 20.582 ng/ul
RT: 8.957 min Scan# 981
Delta R.T. -0.000 min
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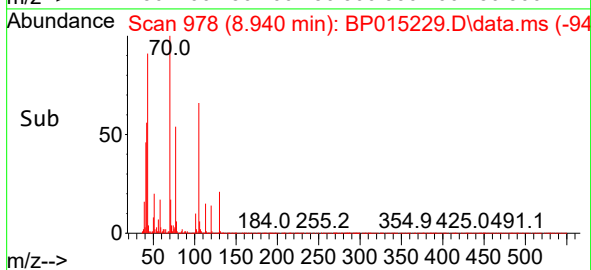
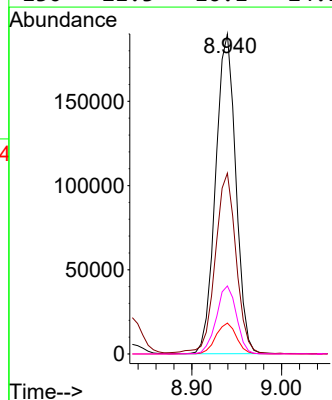
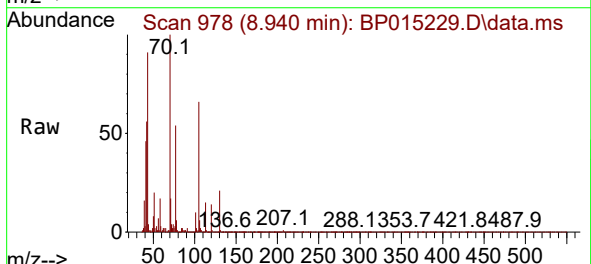
Instrument :
BNA_P
ClientSampleId :
SSTD020726

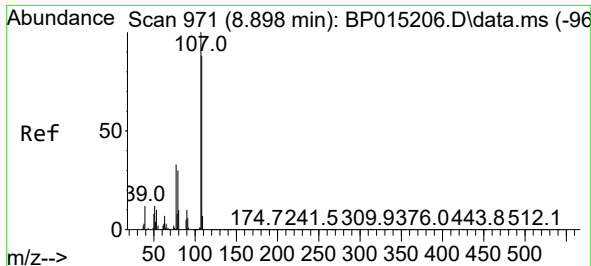
Tgt Ion:105 Resp: 585559
Ion Ratio Lower Upper
105 100
77 75.0 59.4 89.2
51 26.3 19.2 28.8



#17
N-Nitroso-di-n-propylamine
Concen: 19.862 ng/ul
RT: 8.940 min Scan# 978
Delta R.T. -0.000 min
Lab File: BP015229.D
Acq: 22 May 2023 23:59

Tgt Ion: 70 Resp: 296355
Ion Ratio Lower Upper
70 100
42 56.5 41.0 61.6
101 9.7 7.9 11.9
130 21.3 16.1 24.1

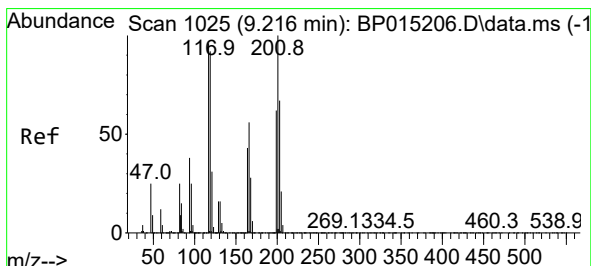
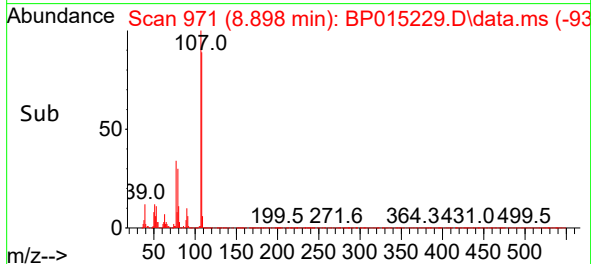
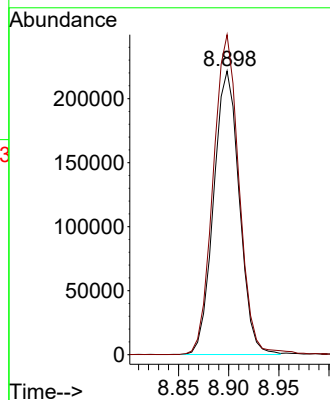
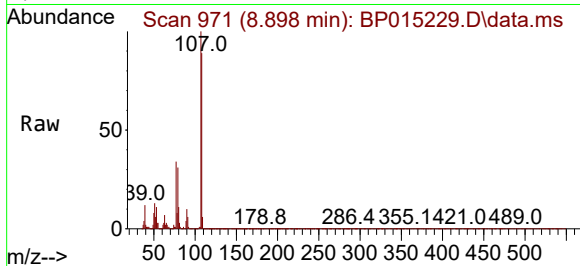




#18
4-Methylphenol
Concen: 19.736 ng/ul
RT: 8.898 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP015229.D
Acq: 22 May 2023 23:59

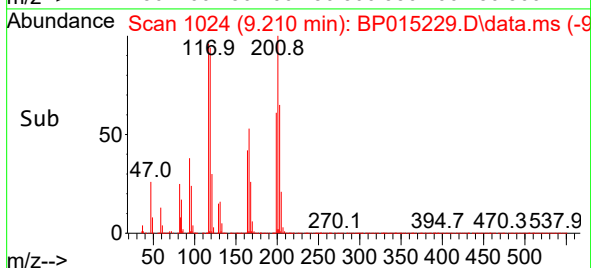
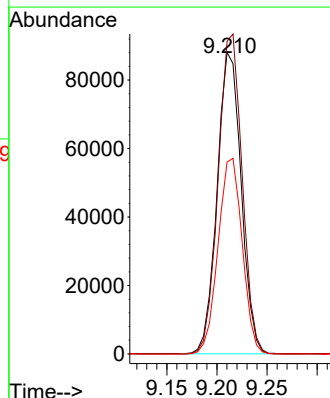
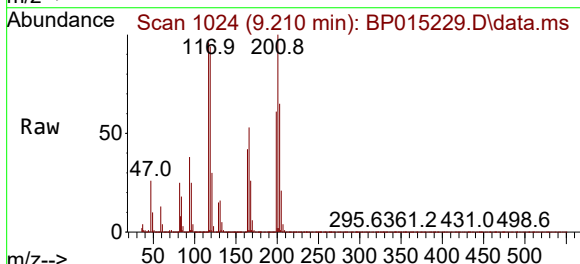
Instrument :
BNA_P
ClientSampleId :
SSTD020726

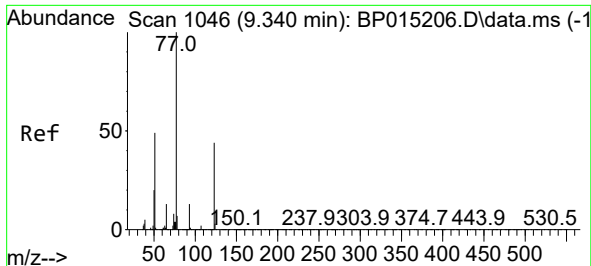
Tgt Ion:108 Resp: 393835
Ion Ratio Lower Upper
108 100
107 112.8 88.5 132.7



#19
Hexachloroethane
Concen: 20.212 ng/ul
RT: 9.210 min Scan# 1024
Delta R.T. -0.000 min
Lab File: BP015229.D
Acq: 22 May 2023 23:59

Tgt Ion:117 Resp: 146825
Ion Ratio Lower Upper
117 100
201 103.7 75.8 113.8
199 63.6 46.5 69.7

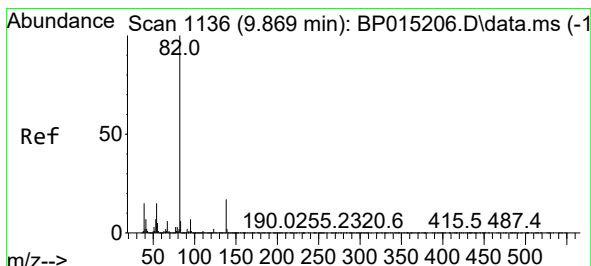
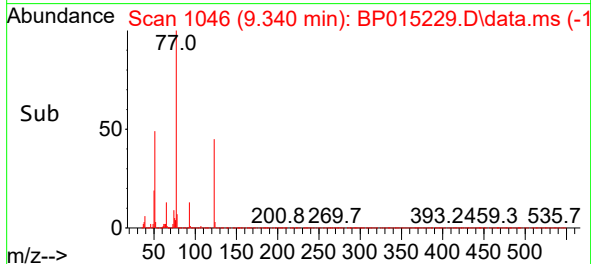
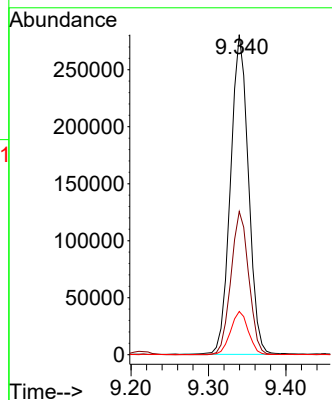
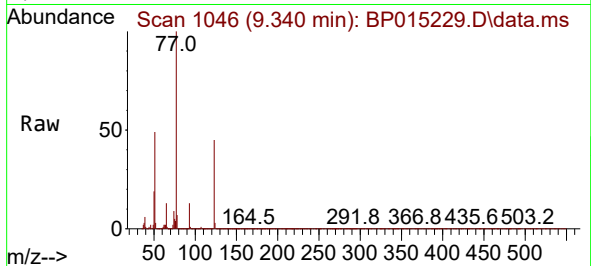




#22
Nitrobenzene
Concen: 21.952 ng/ul
RT: 9.340 min Scan# 1046
Delta R.T. -0.000 min
Lab File: BP015229.D
Acq: 22 May 2023 23:59

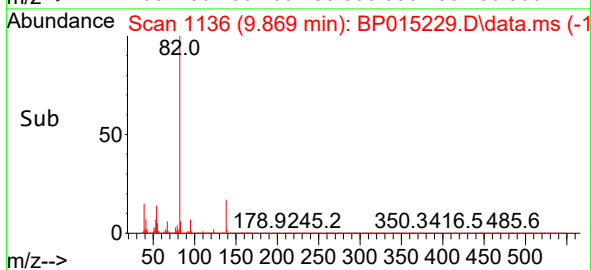
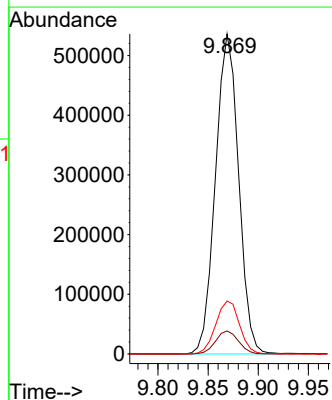
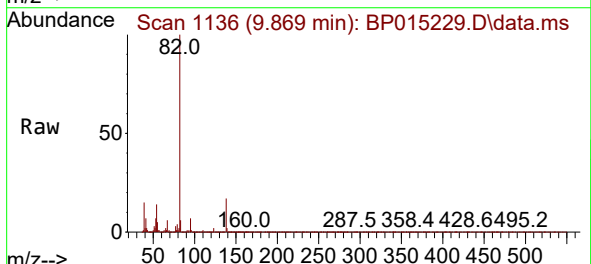
Instrument :
BNA_P
ClientSampleId :
SSTD020726

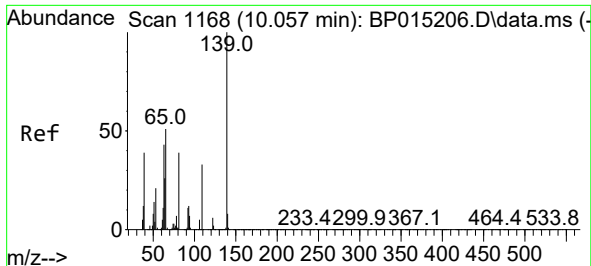
Tgt Ion: 77 Resp: 452295
Ion Ratio Lower Upper
77 100
123 44.7 36.2 54.2
65 13.5 10.1 15.1



#23
Isophorone
Concen: 20.296 ng/ul
RT: 9.869 min Scan# 1136
Delta R.T. -0.000 min
Lab File: BP015229.D
Acq: 22 May 2023 23:59

Tgt Ion: 82 Resp: 859578
Ion Ratio Lower Upper
82 100
95 7.2 5.4 8.0
138 16.6 13.6 20.4

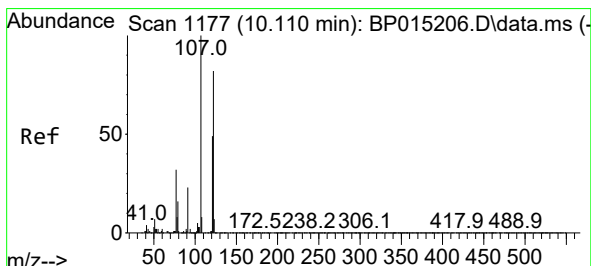
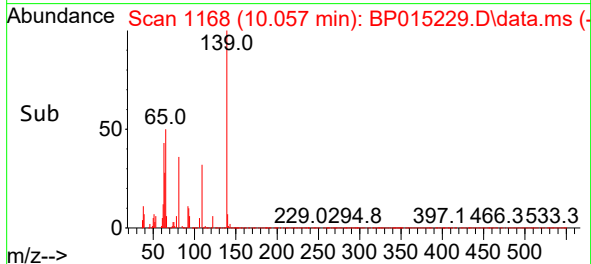
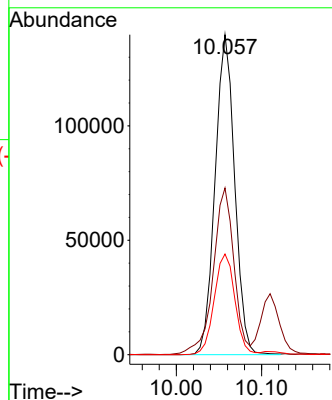
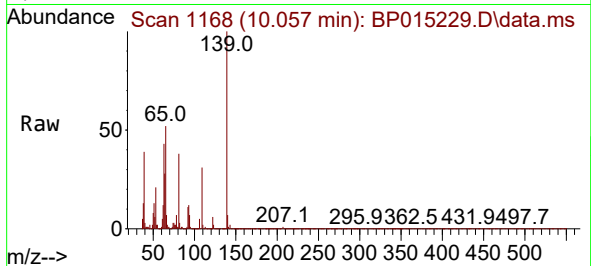




#25
2-Nitrophenol
Concen: 21.932 ng/ul
RT: 10.057 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BP015229.D
Acq: 22 May 2023 23:59

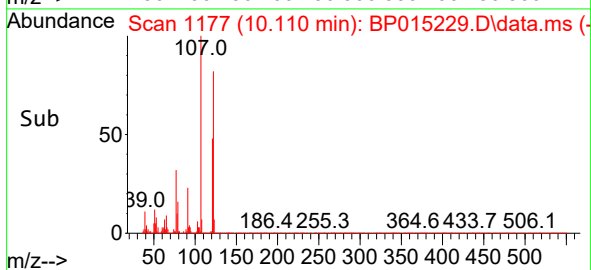
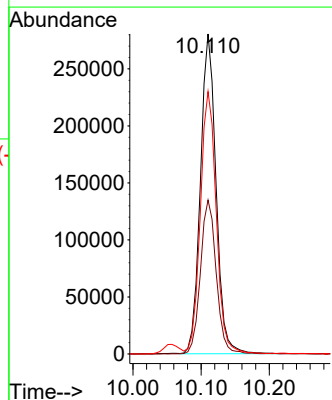
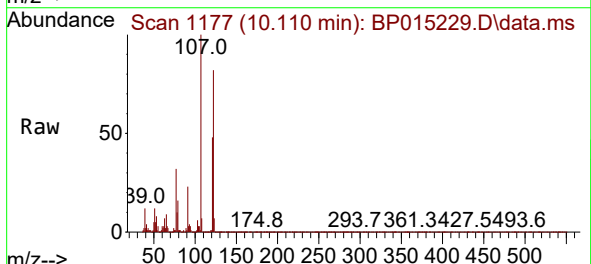
Instrument :
BNA_P
ClientSampleId :
SSTD020726

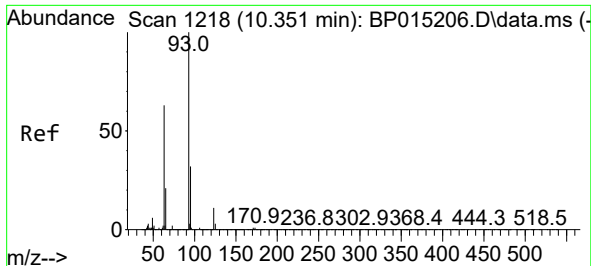
Tgt Ion:139 Resp: 223252
Ion Ratio Lower Upper
139 100
65 52.1 38.4 57.6
109 31.5 22.2 33.2



#26
2,4-Dimethylphenol
Concen: 22.021 ng/ul
RT: 10.110 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BP015229.D
Acq: 22 May 2023 23:59

Tgt Ion:107 Resp: 447305
Ion Ratio Lower Upper
107 100
121 48.1 41.0 61.6
122 82.0 69.5 104.3

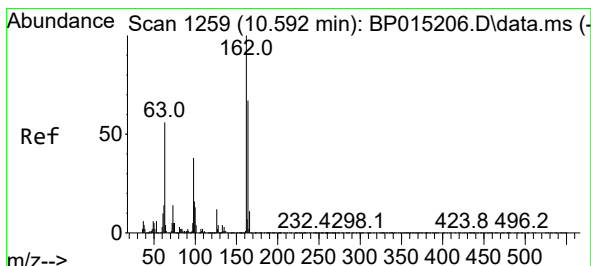
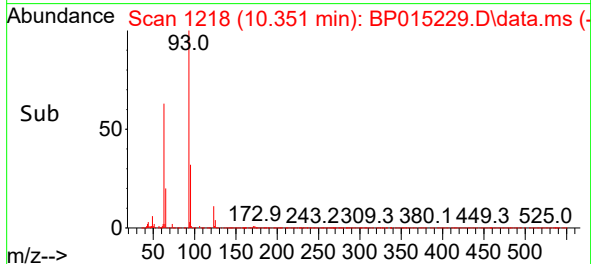
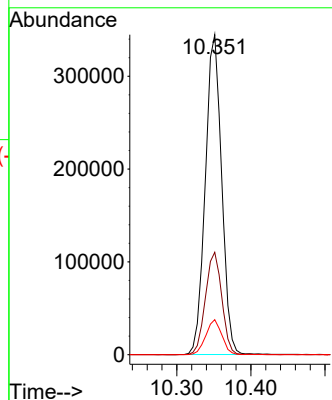
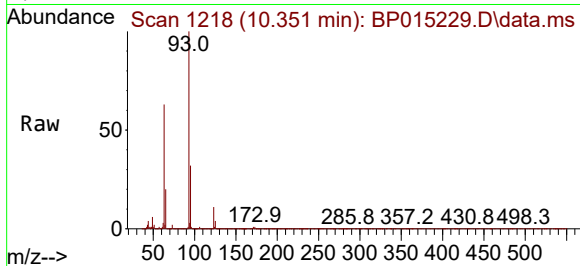




#27
Bis(2-Chloroethoxy)methane
Concen: 20.506 ng/ul
RT: 10.351 min Scan# 1218
Delta R.T. -0.000 min
Lab File: BP015229.D
Acq: 22 May 2023 23:59

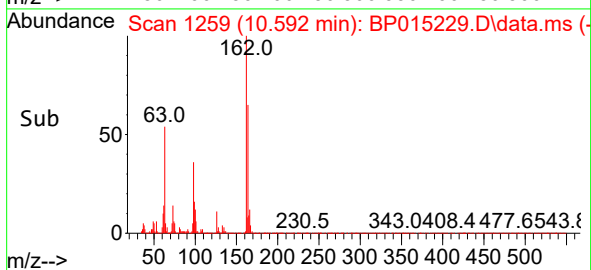
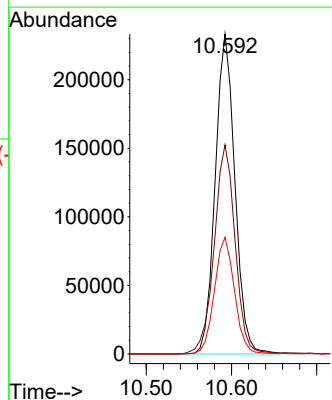
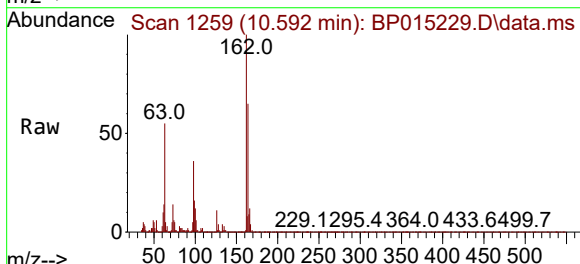
Instrument :
BNA_P
ClientSampleId :
SSTD020726

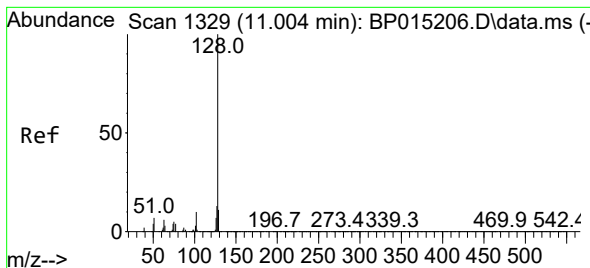
Tgt Ion: 93 Resp: 528403
Ion Ratio Lower Upper
93 100
95 32.0 26.7 40.1
123 11.0 9.1 13.7



#29
2,4-Dichlorophenol
Concen: 22.112 ng/ul
RT: 10.592 min Scan# 1259
Delta R.T. -0.000 min
Lab File: BP015229.D
Acq: 22 May 2023 23:59

Tgt Ion: 162 Resp: 374131
Ion Ratio Lower Upper
162 100
164 65.3 52.0 78.0
98 36.5 28.9 43.3

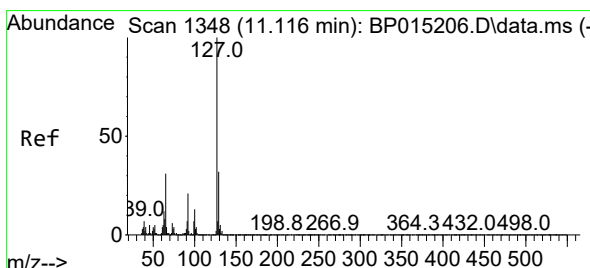
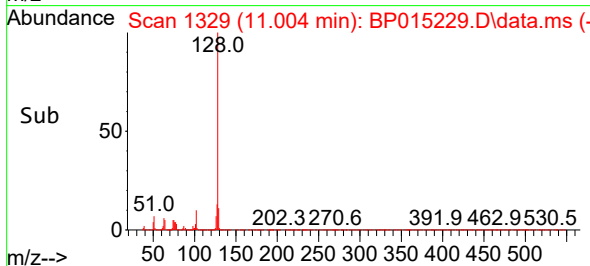
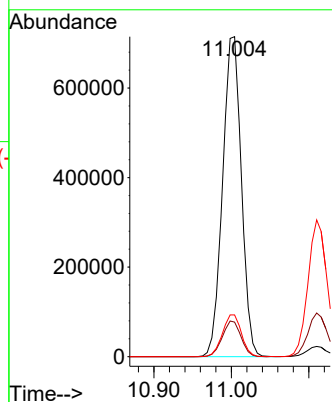
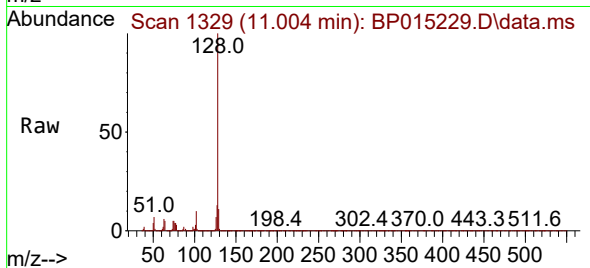




#30
Naphthalene
Concen: 20.849 ng/ul
RT: 11.004 min Scan# 11
Delta R.T. 0.005 min
Lab File: BP015229.D
Acq: 22 May 2023 23:59

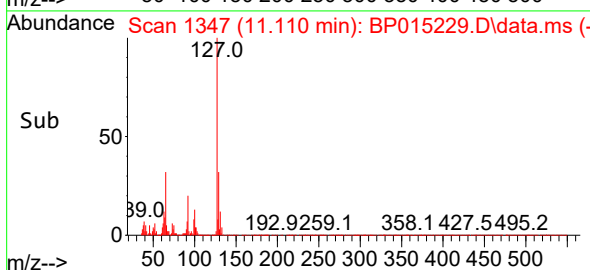
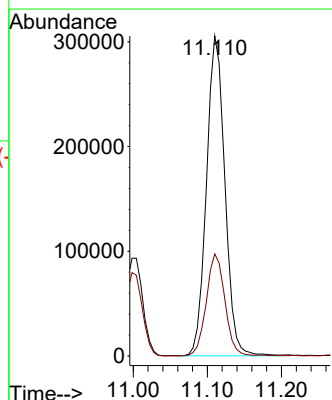
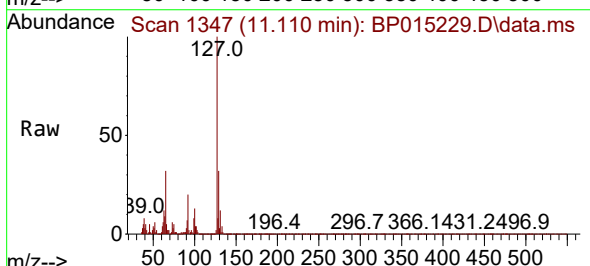
Instrument :
BNA_P
ClientSampleId :
SSTD020726

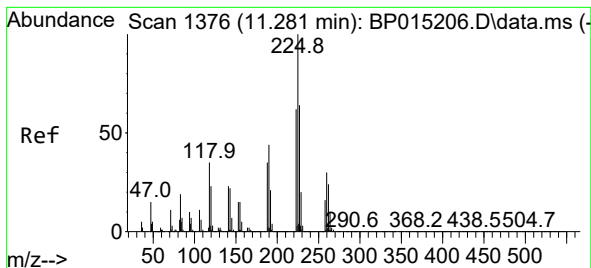
Tgt Ion:128 Resp: 1203398
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 13.1 10.6 15.8



#32
4-Chloroaniline
Concen: 20.705 ng/ul
RT: 11.110 min Scan# 1347
Delta R.T. -0.000 min
Lab File: BP015229.D
Acq: 22 May 2023 23:59

Tgt Ion:127 Resp: 527390
Ion Ratio Lower Upper
127 100
129 31.9 25.8 38.8





#33

Hexachlorobutadiene

Concen: 23.478 ng/ul

RT: 11.281 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP015229.D

Acq: 22 May 2023 23:59

Instrument :

BNA_P

ClientSampleId :

SSTD020726

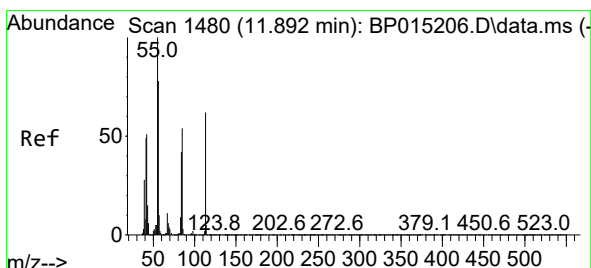
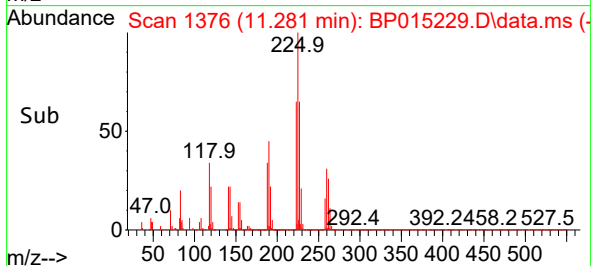
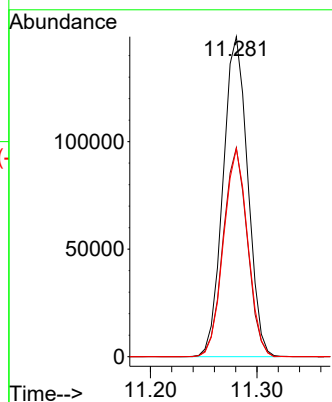
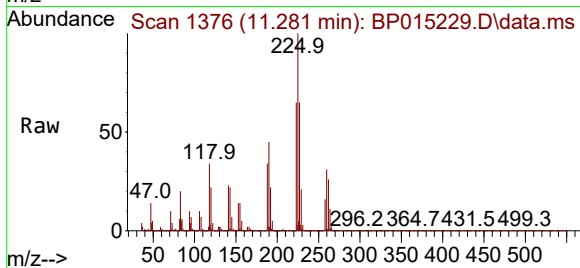
Tgt Ion:225 Resp: 239410

Ion Ratio Lower Upper

225 100

223 65.3 51.0 76.6

227 65.0 52.2 78.4



#34

Caprolactam

Concen: 18.712 ng/ul

RT: 11.886 min Scan# 1479

Delta R.T. -0.000 min

Lab File: BP015229.D

Acq: 22 May 2023 23:59

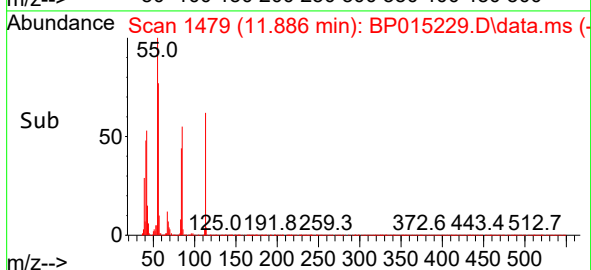
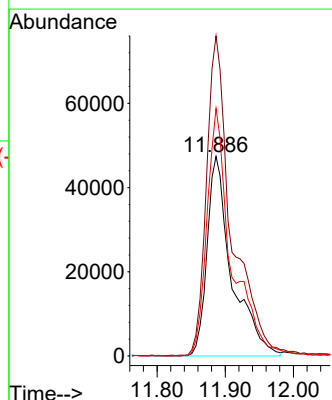
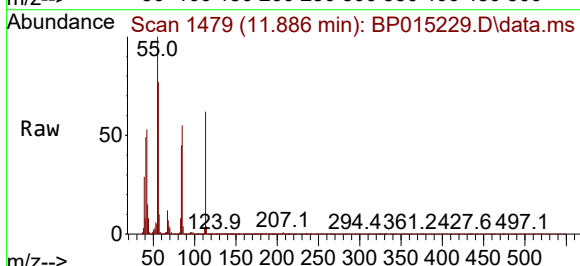
Tgt Ion:113 Resp: 119363

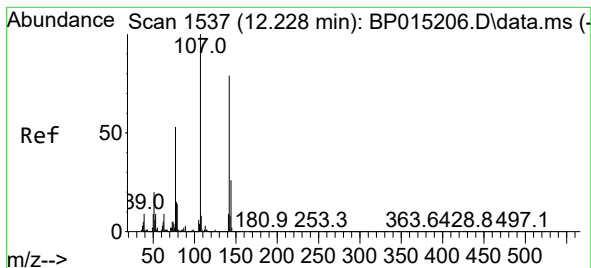
Ion Ratio Lower Upper

113 100

55 160.4 121.2 181.8

56 124.0 90.2 135.4

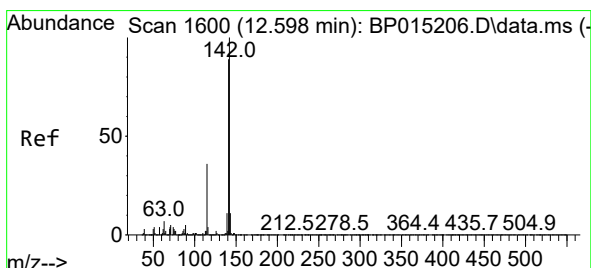
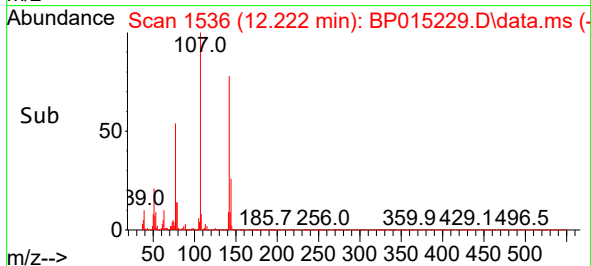
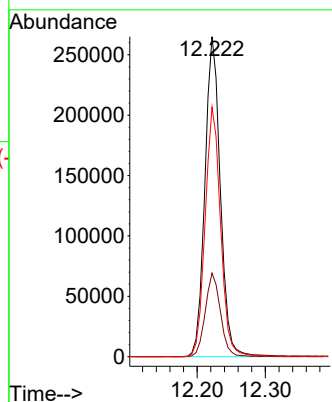
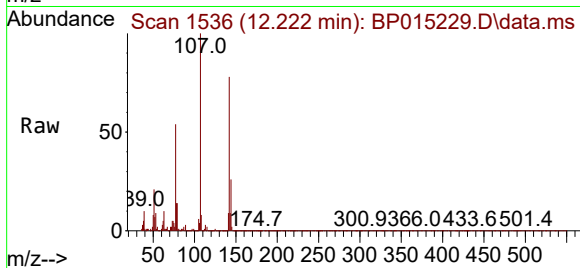




#35
4-Chloro-3-methylphenol
Concen: 21.885 ng/ul
RT: 12.222 min Scan# 1536
Delta R.T. -0.000 min
Lab File: BP015229.D
Acq: 22 May 2023 23:59

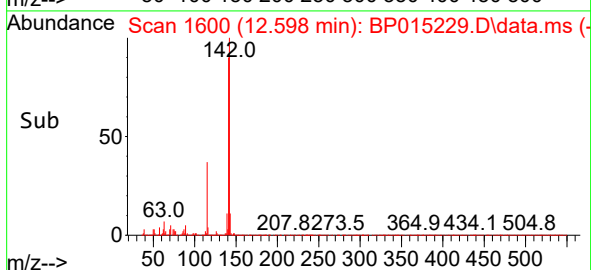
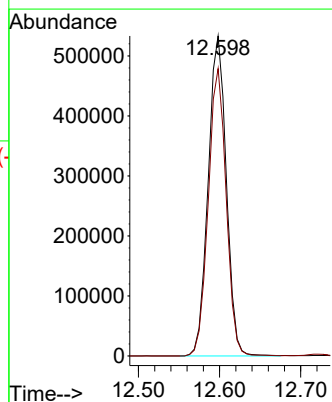
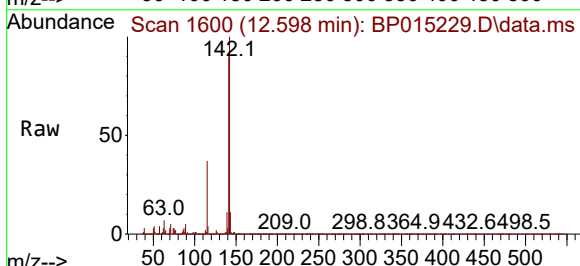
Instrument :
BNA_P
ClientSampleId :
SSTD020726

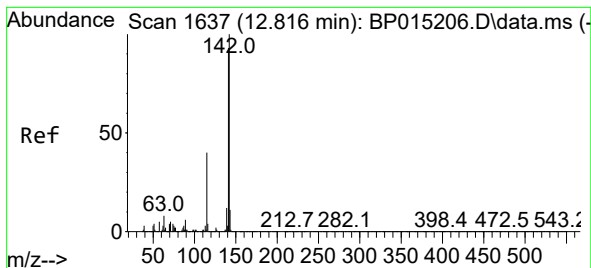
Tgt Ion:107 Resp: 418098
Ion Ratio Lower Upper
107 100
144 26.1 20.3 30.5
142 78.0 63.2 94.8



#36
2-Methylnaphthalene
Concen: 21.246 ng/ul
RT: 12.598 min Scan# 1600
Delta R.T. -0.000 min
Lab File: BP015229.D
Acq: 22 May 2023 23:59

Tgt Ion:142 Resp: 826252
Ion Ratio Lower Upper
142 100
141 89.8 71.0 106.6

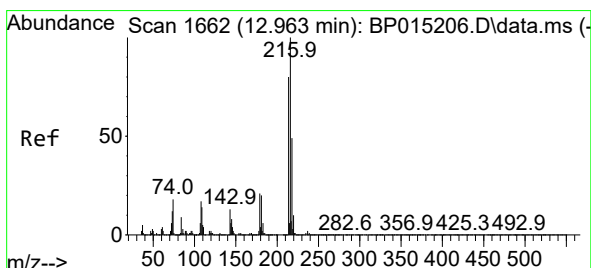
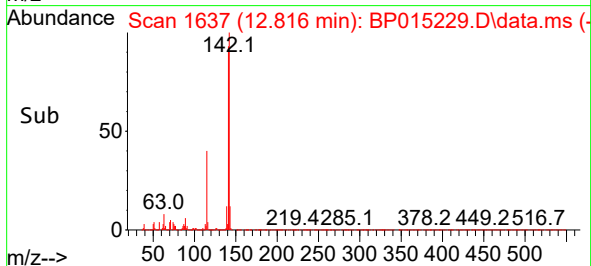
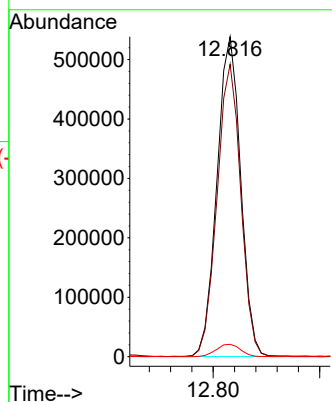
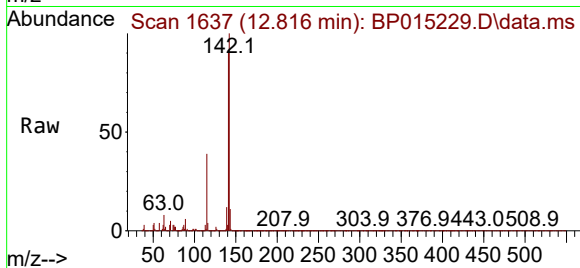




#37
1-Methylnaphthalene
Concen: 21.278 ng/ul
RT: 12.816 min Scan# 1637
Delta R.T. -0.000 min
Lab File: BP015229.D
Acq: 22 May 2023 23:59

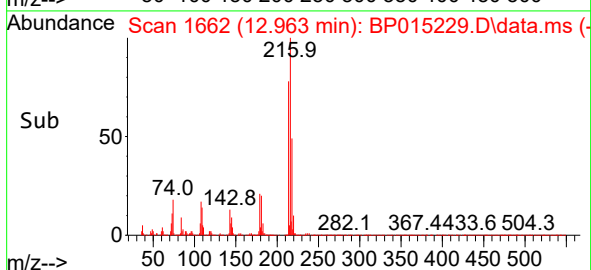
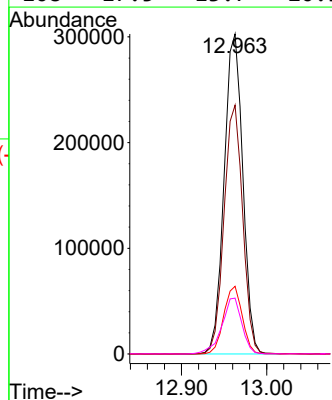
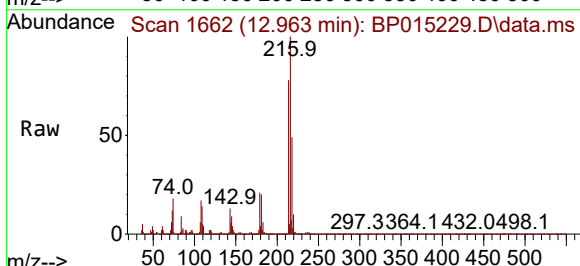
Instrument :
BNA_P
ClientSampleId :
SSTD020726

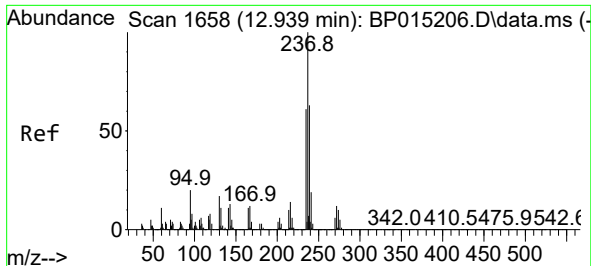
Tgt Ion:142 Resp: 830989
Ion Ratio Lower Upper
142 100
141 91.4 74.6 112.0
116 3.9 2.9 4.3



#39
1,2,4,5-Tetrachlorobenzene
Concen: 23.026 ng/ul
RT: 12.963 min Scan# 1662
Delta R.T. -0.000 min
Lab File: BP015229.D
Acq: 22 May 2023 23:59

Tgt Ion:216 Resp: 461203
Ion Ratio Lower Upper
216 100
214 77.8 61.4 92.0
179 21.2 15.9 23.9
108 17.5 13.7 20.5

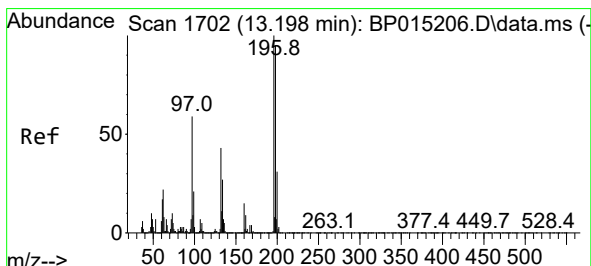
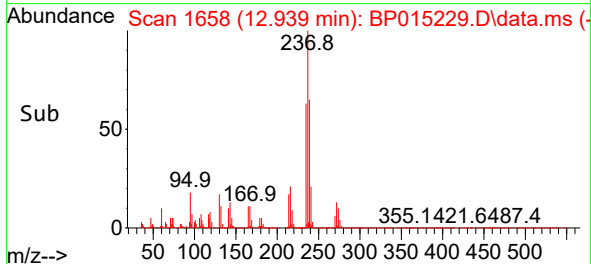
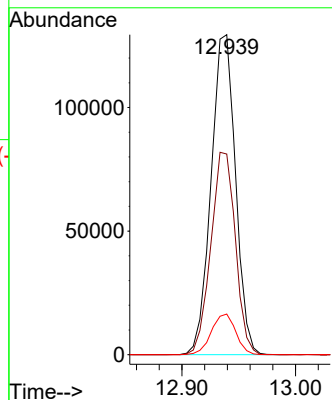
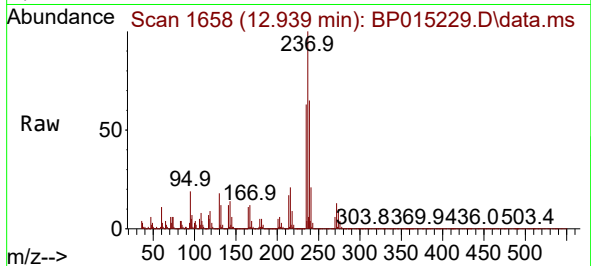




#40
Hexachlorocyclopentadiene
Concen: 14.914 ng/ul
RT: 12.939 min Scan# 1658
Delta R.T. 0.005 min
Lab File: BP015229.D
Acq: 22 May 2023 23:59

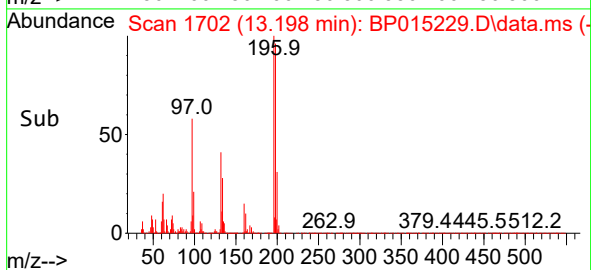
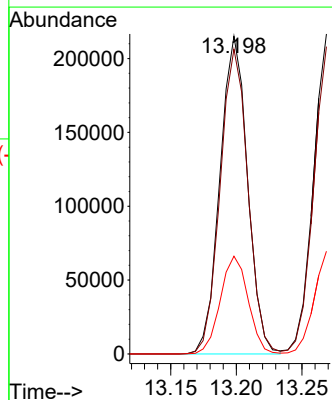
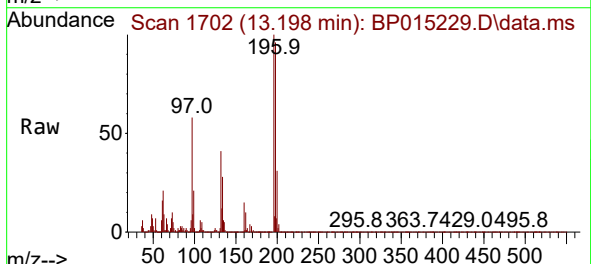
Instrument :
BNA_P
ClientSampleId :
SSTD020726

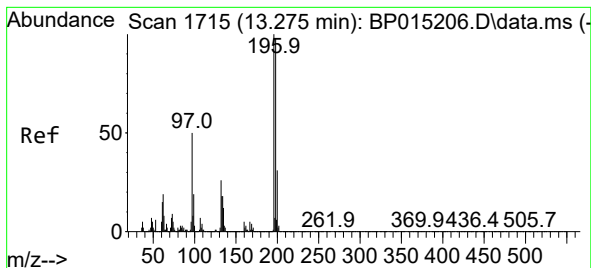
Tgt Ion:237 Resp: 193542
Ion Ratio Lower Upper
237 100
235 62.7 49.4 74.0
272 12.7 10.4 15.6



#41
2,4,6-Trichlorophenol
Concen: 22.256 ng/ul
RT: 13.198 min Scan# 1702
Delta R.T. -0.000 min
Lab File: BP015229.D
Acq: 22 May 2023 23:59

Tgt Ion:196 Resp: 314781
Ion Ratio Lower Upper
196 100
198 95.9 75.5 113.3
200 30.8 23.6 35.4





#42

2,4,5-Trichlorophenol

Concen: 22.304 ng/ul

RT: 13.269 min Scan# 1715

Delta R.T. -0.000 min

Lab File: BP015229.D

Acq: 22 May 2023 23:59

Instrument :

BNA_P

ClientSampleId :

SSTD020726

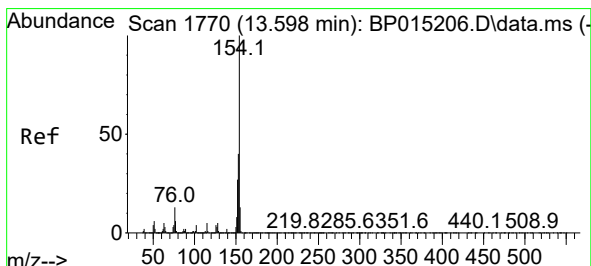
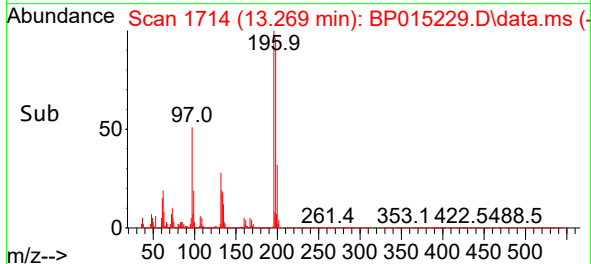
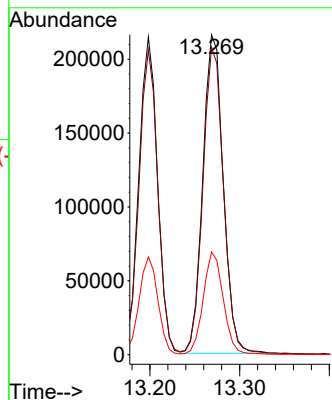
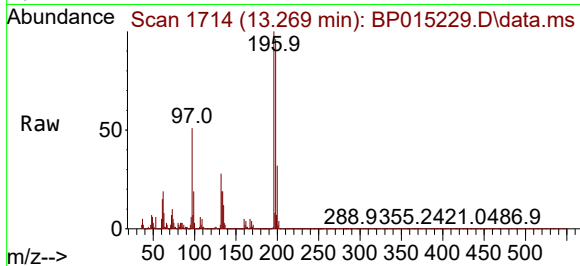
Tgt Ion:196 Resp: 342044

Ion Ratio Lower Upper

196 100

198 96.1 77.0 115.4

200 32.1 24.3 36.5



#43

1,1'-Biphenyl

Concen: 21.653 ng/ul

RT: 13.592 min Scan# 1769

Delta R.T. -0.006 min

Lab File: BP015229.D

Acq: 22 May 2023 23:59

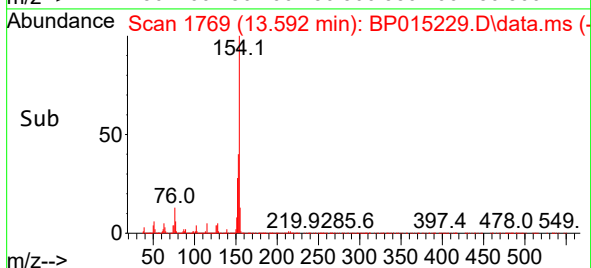
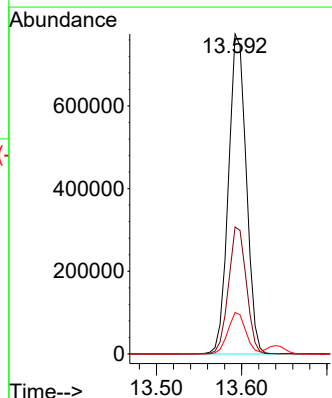
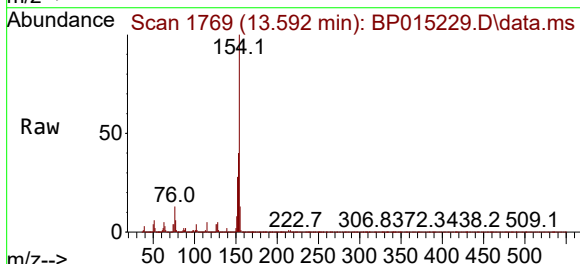
Tgt Ion:154 Resp: 1125113

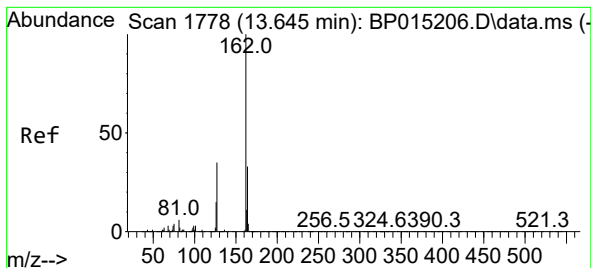
Ion Ratio Lower Upper

154 100

153 39.7 32.7 49.1

76 12.9 10.7 16.1





#44

2-Chloronaphthalene

Concen: 21.936 ng/ul

RT: 13.639 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP015229.D

Acq: 22 May 2023 23:59

Instrument :

BNA_P

ClientSampleId :

SSTD020726

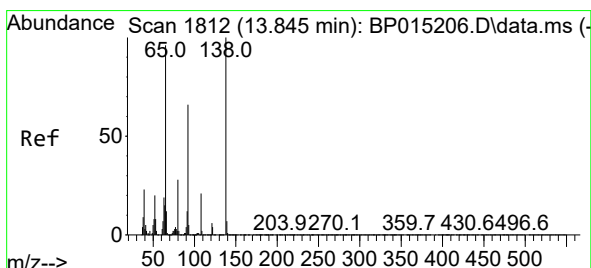
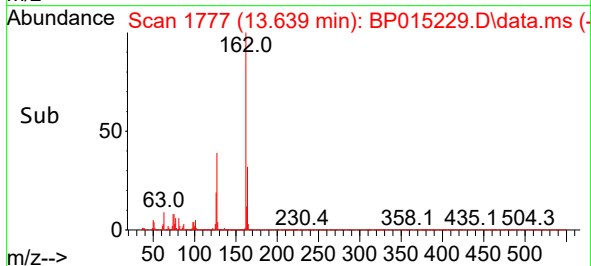
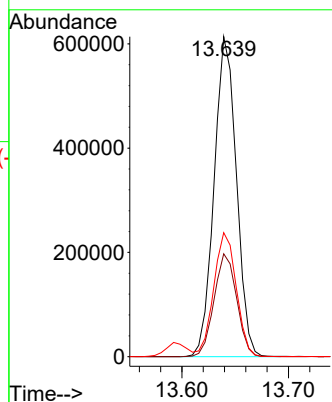
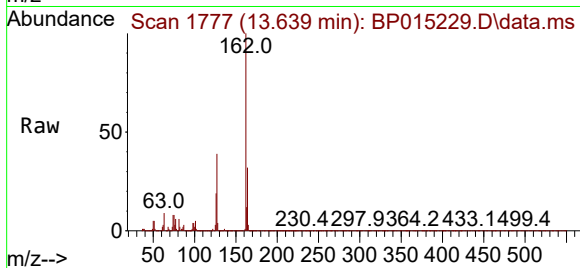
Tgt Ion:162 Resp: 890136

Ion Ratio Lower Upper

162 100

164 32.2 25.9 38.9

127 38.7 30.8 46.2



#45

2-Nitroaniline

Concen: 22.763 ng/ul

RT: 13.845 min Scan# 1812

Delta R.T. -0.000 min

Lab File: BP015229.D

Acq: 22 May 2023 23:59

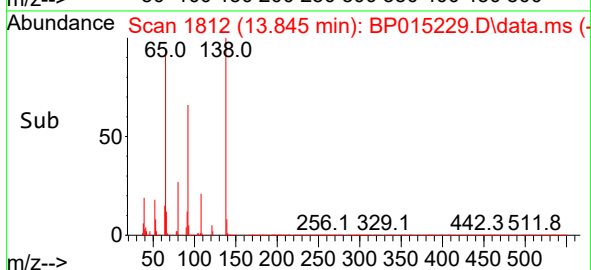
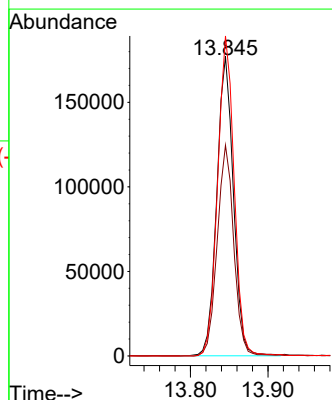
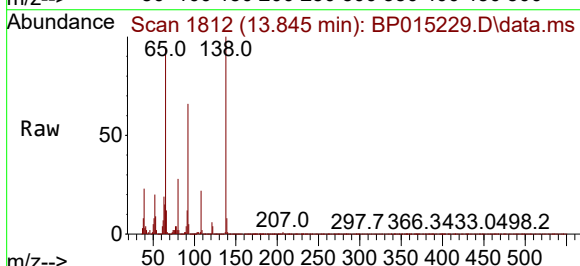
Tgt Ion: 65 Resp: 264293

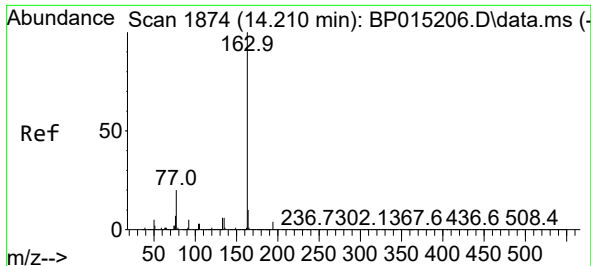
Ion Ratio Lower Upper

65 100

92 70.3 59.8 89.8

138 106.8 92.3 138.5

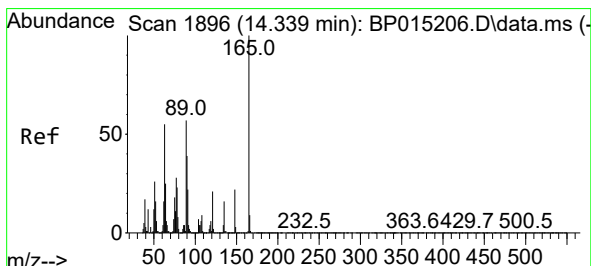
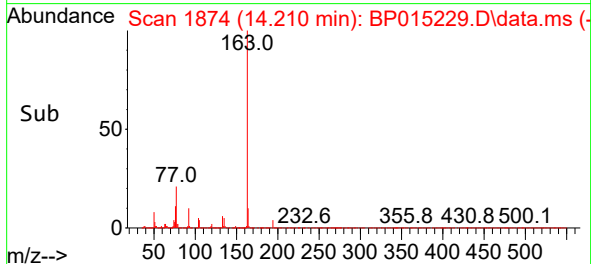
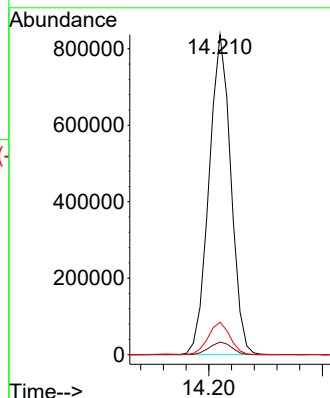
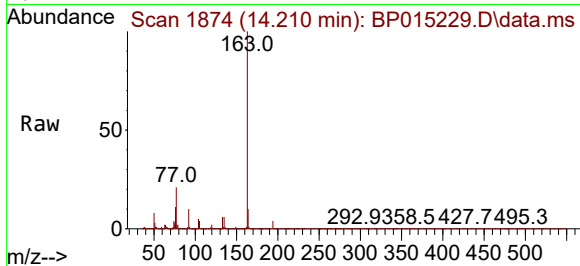




#47
Dimethylphthalate
Concen: 21.180 ng/ul
RT: 14.210 min Scan# 1874
Delta R.T. -0.000 min
Lab File: BP015229.D
Acq: 22 May 2023 23:59

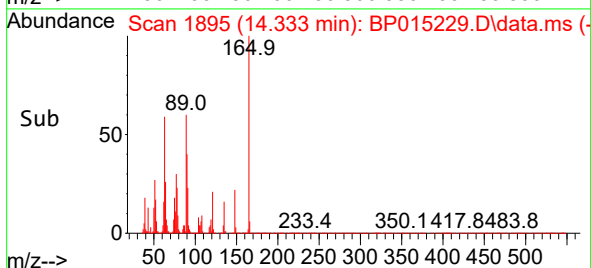
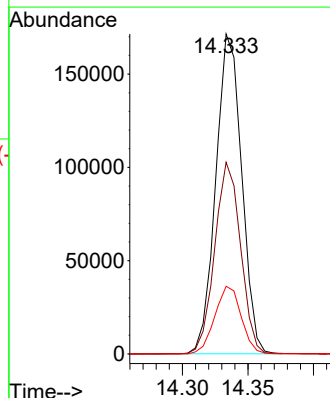
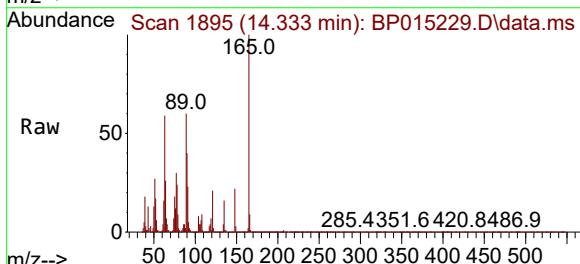
Instrument :
BNA_P
ClientSampleId :
SSTD020726

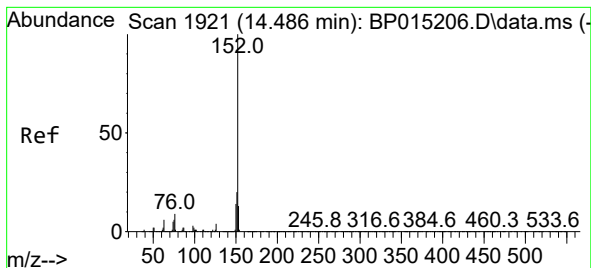
Tgt Ion:163 Resp: 1116288
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.2 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 22.536 ng/ul
RT: 14.333 min Scan# 1895
Delta R.T. -0.000 min
Lab File: BP015229.D
Acq: 22 May 2023 23:59

Tgt Ion:165 Resp: 235313
Ion Ratio Lower Upper
165 100
89 59.9 48.0 72.0
121 21.2 17.5 26.3





#50

Acenaphthylene

Concen: 21.095 ng/ul

RT: 14.486 min Scan# 1921

Delta R.T. -0.000 min

Lab File: BP015229.D

Acq: 22 May 2023 23:59

Instrument :

BNA_P

ClientSampleId :

SSTD020726

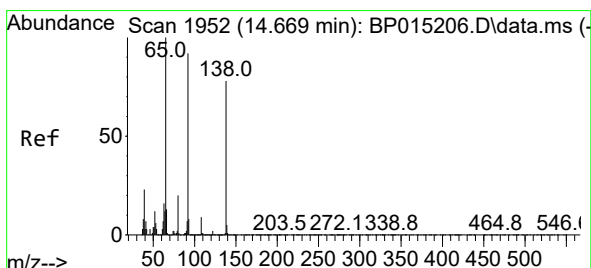
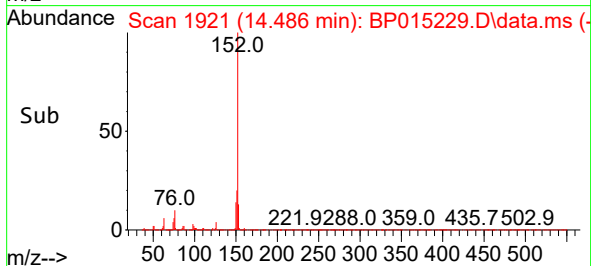
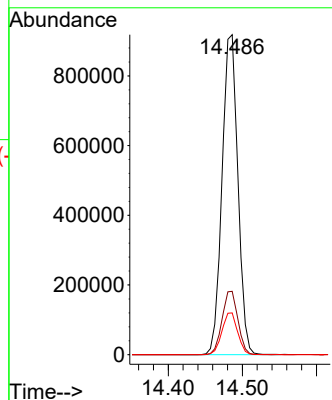
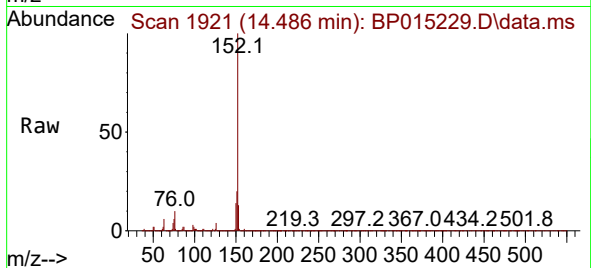
Tgt Ion:152 Resp: 1362361

Ion Ratio Lower Upper

152 100

151 19.8 16.1 24.1

153 13.1 10.3 15.5



#51

3-Nitroaniline

Concen: 20.790 ng/ul

RT: 14.663 min Scan# 1951

Delta R.T. -0.000 min

Lab File: BP015229.D

Acq: 22 May 2023 23:59

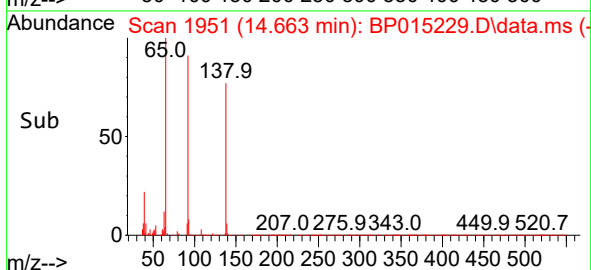
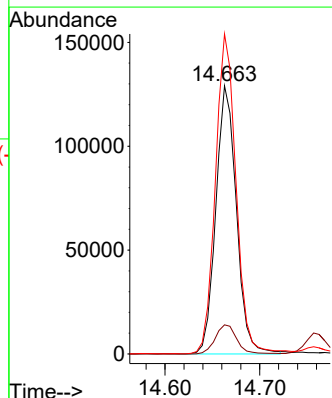
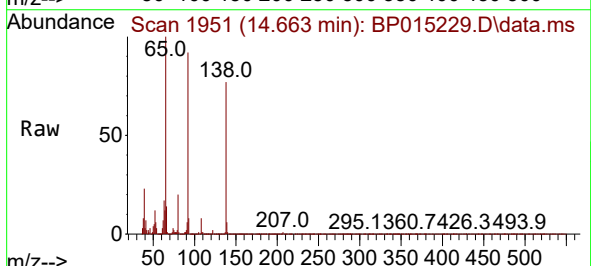
Tgt Ion:138 Resp: 195474

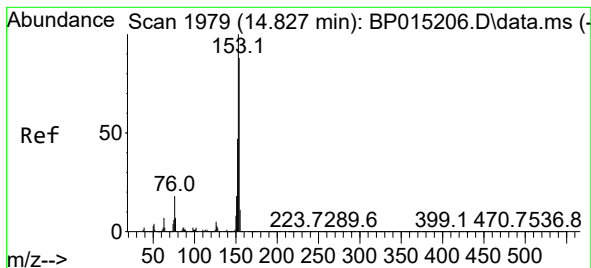
Ion Ratio Lower Upper

138 100

108 10.9 8.8 13.2

92 119.3 93.4 140.0





#52

Acenaphthene

Concen: 21.010 ng/ul

RT: 14.822 min Scan# 1979

Delta R.T. -0.000 min

Lab File: BP015229.D

Acq: 22 May 2023 23:59

Instrument :

BNA_P

ClientSampleId :

SSTD020726

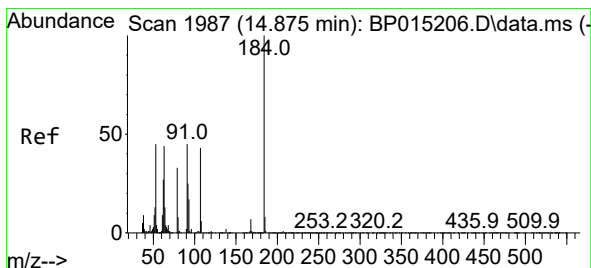
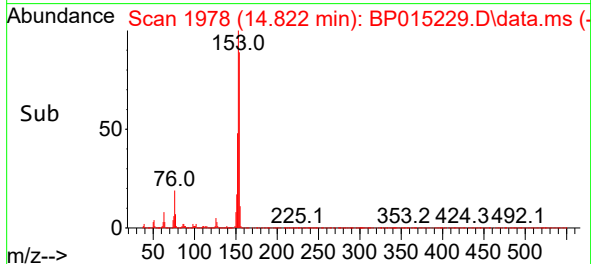
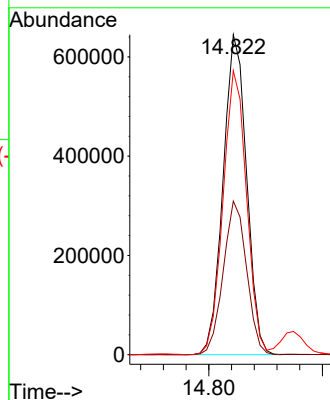
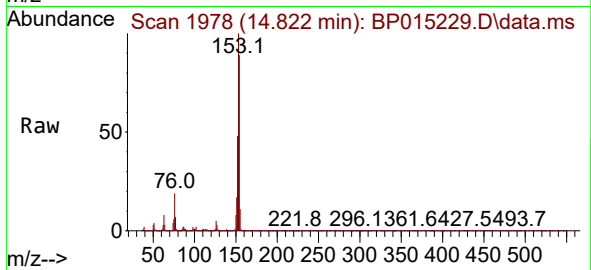
Tgt Ion:153 Resp: 926718

Ion Ratio Lower Upper

153 100

152 48.0 38.0 57.0

154 88.8 71.0 106.4



#53

2,4-Dinitrophenol

Concen: 15.838 ng/ul

RT: 14.875 min Scan# 1987

Delta R.T. -0.000 min

Lab File: BP015229.D

Acq: 22 May 2023 23:59

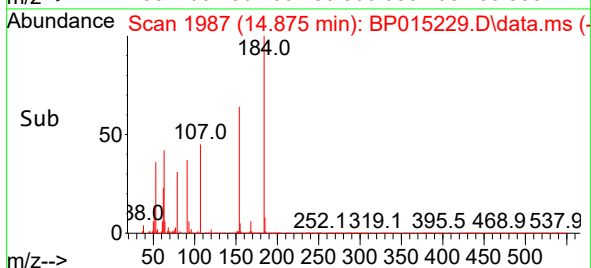
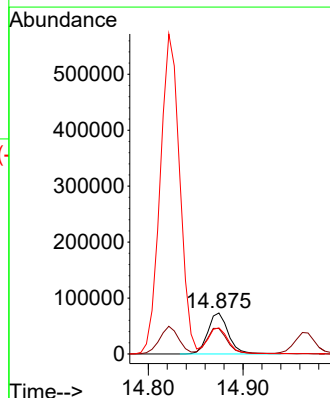
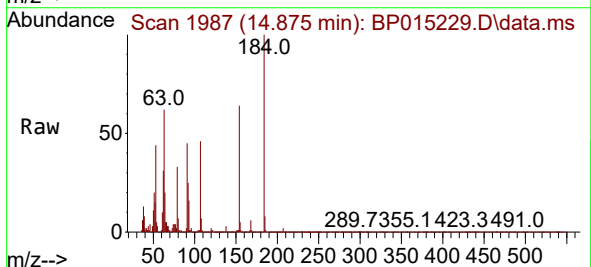
Tgt Ion:184 Resp: 109804

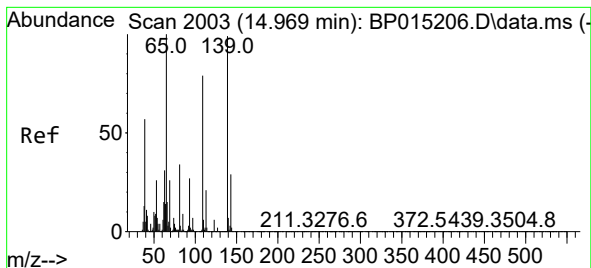
Ion Ratio Lower Upper

184 100

63 62.1 49.7 74.5

154 64.0 47.5 71.3

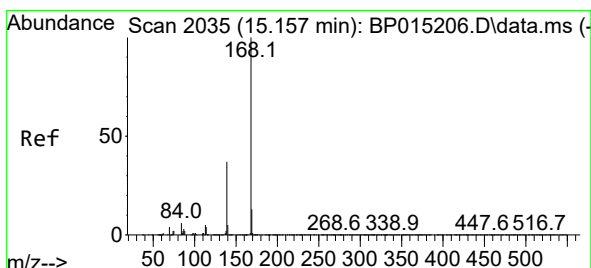
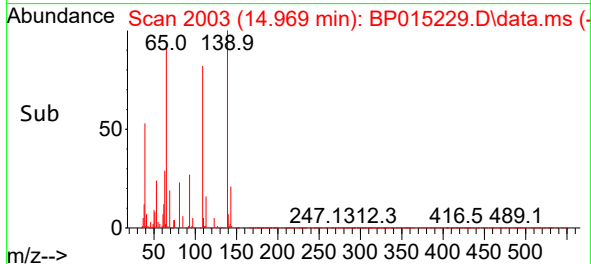
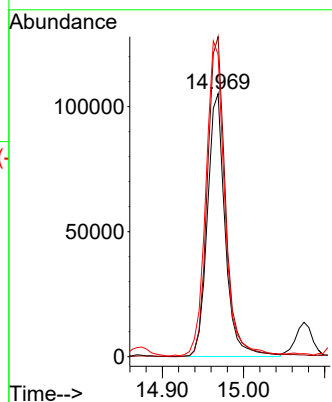
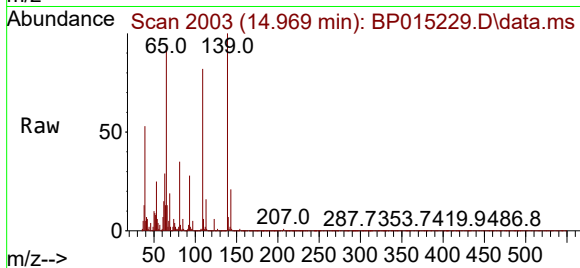




#55
4-Nitrophenol
Concen: 22.093 ng/ul
RT: 14.969 min Scan# 2003
Delta R.T. 0.005 min
Lab File: BP015229.D
Acq: 22 May 2023 23:59

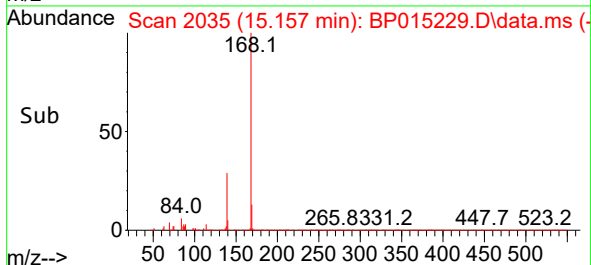
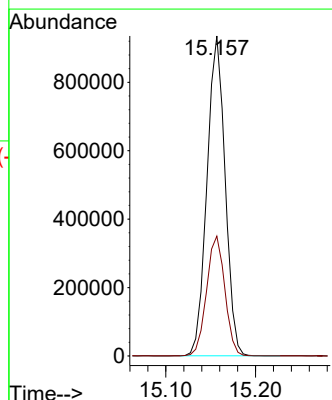
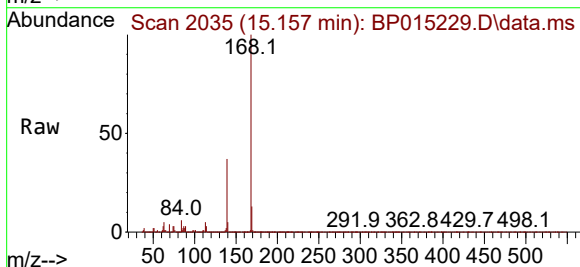
Instrument :
BNA_P
ClientSampleId :
SSTD020726

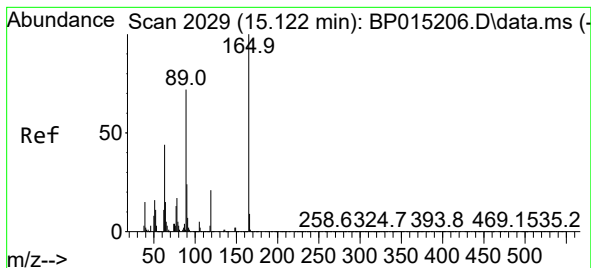
Tgt Ion:109 Resp: 159680
Ion Ratio Lower Upper
109 100
139 121.6 115.3 172.9
65 114.7 107.9 161.9



#56
Dibenzofuran
Concen: 21.398 ng/ul
RT: 15.157 min Scan# 2035
Delta R.T. -0.000 min
Lab File: BP015229.D
Acq: 22 May 2023 23:59

Tgt Ion:168 Resp: 1312759
Ion Ratio Lower Upper
168 100
139 37.4 29.4 44.0

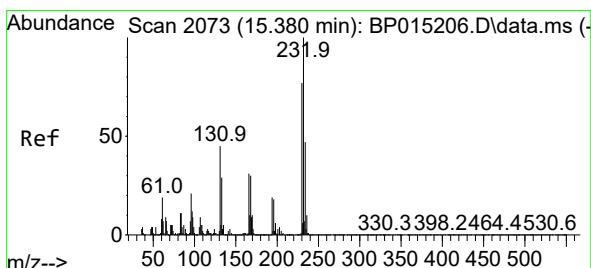
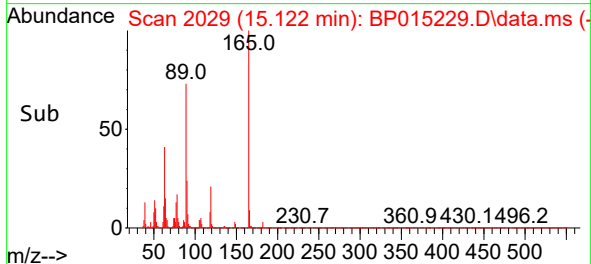
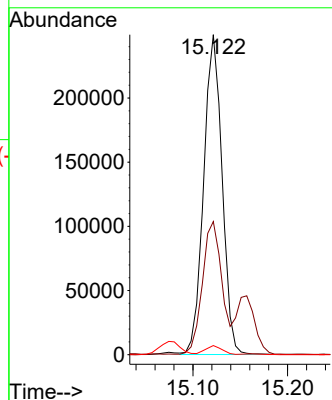
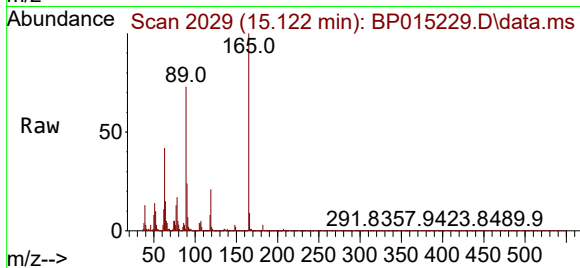




#57
2,4-Dinitrotoluene
Concen: 22.289 ng/ul
RT: 15.122 min Scan# 2029
Delta R.T. -0.000 min
Lab File: BP015229.D
Acq: 22 May 2023 23:59

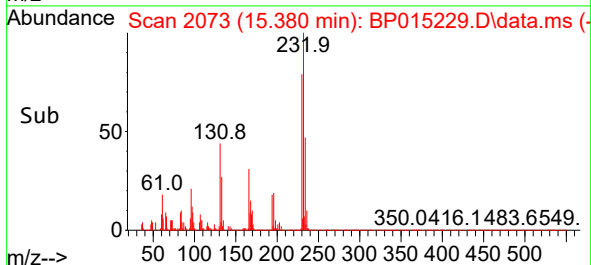
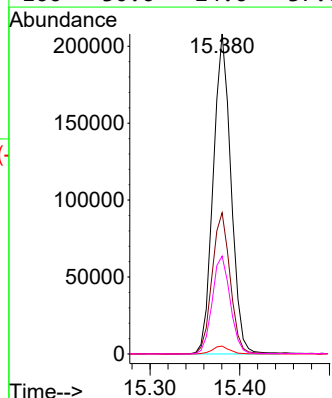
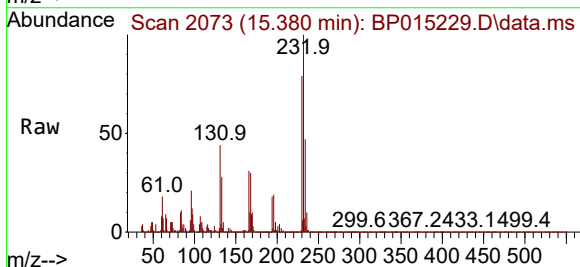
Instrument :
BNA_P
ClientSampleId :
SSTD020726

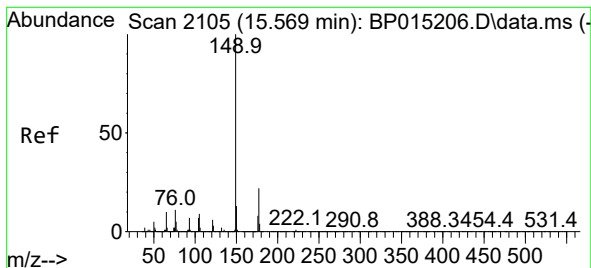
Tgt Ion:165 Resp: 336765
Ion Ratio Lower Upper
165 100
63 41.6 33.1 49.7
182 2.9 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 22.099 ng/ul
RT: 15.380 min Scan# 2073
Delta R.T. -0.000 min
Lab File: BP015229.D
Acq: 22 May 2023 23:59

Tgt Ion:232 Resp: 286019
Ion Ratio Lower Upper
232 100
131 44.2 36.8 55.2
130 2.5 1.9 2.9
166 30.6 24.6 37.0





#59

Diethylphthalate

Concen: 21.327 ng/ul

RT: 15.569 min Scan# 2105

Delta R.T. -0.000 min

Lab File: BP015229.D

Acq: 22 May 2023 23:59

Instrument :

BNA_P

ClientSampleId :

SSTD020726

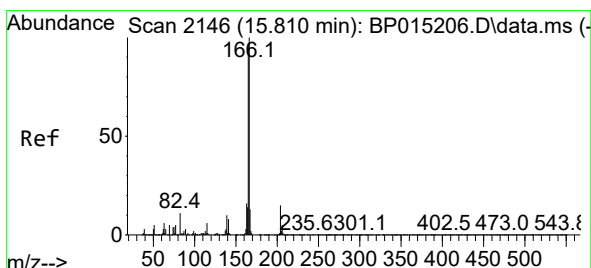
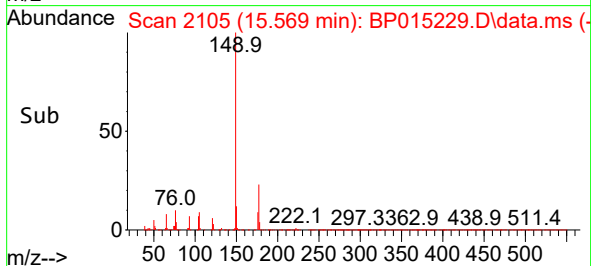
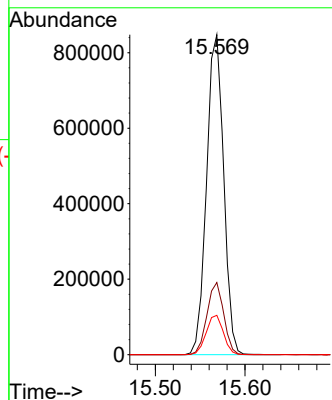
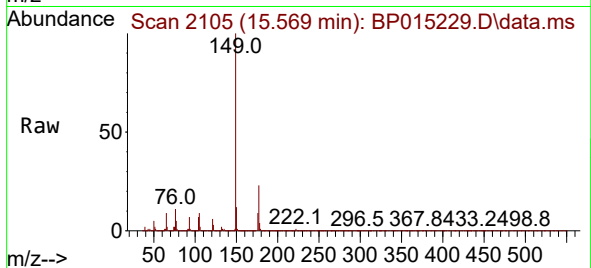
Tgt Ion:149 Resp: 1121072

Ion Ratio Lower Upper

149 100

177 22.6 17.5 26.3

150 12.3 9.8 14.8



#61

Fluorene

Concen: 21.320 ng/ul

RT: 15.804 min Scan# 2145

Delta R.T. -0.000 min

Lab File: BP015229.D

Acq: 22 May 2023 23:59

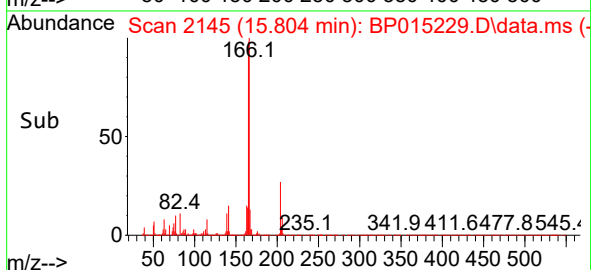
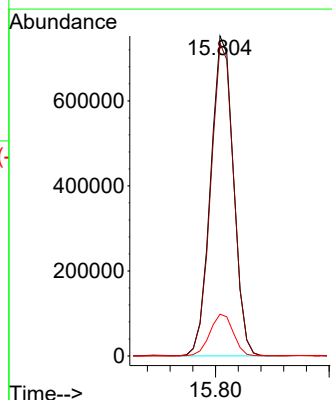
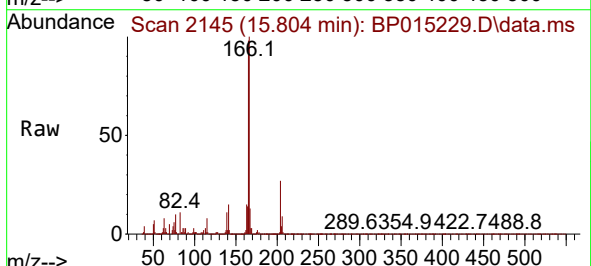
Tgt Ion:166 Resp: 1051144

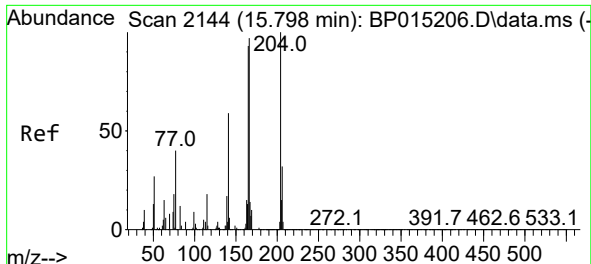
Ion Ratio Lower Upper

166 100

165 97.6 77.8 116.6

167 13.1 10.6 15.8

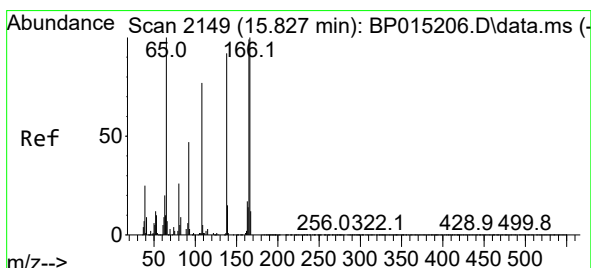
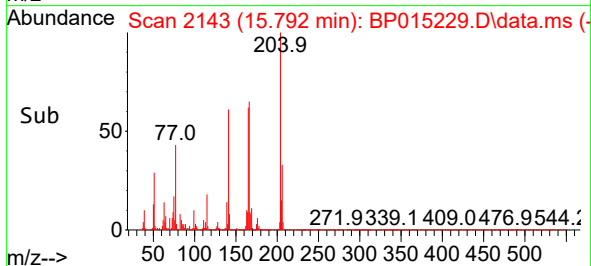
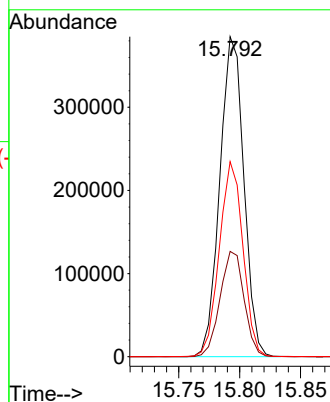
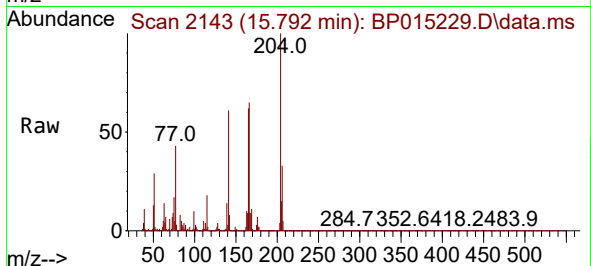




#62
4-Chlorophenyl-phenylether
Concen: 21.960 ng/ul
RT: 15.792 min Scan# 2143
Delta R.T. -0.000 min
Lab File: BP015229.D
Acq: 22 May 2023 23:59

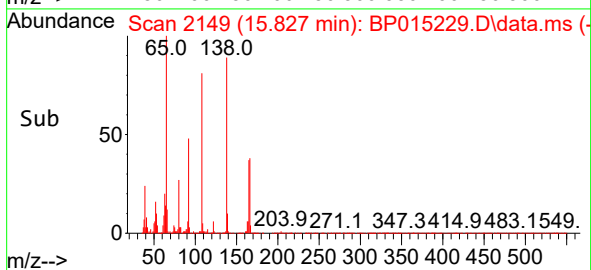
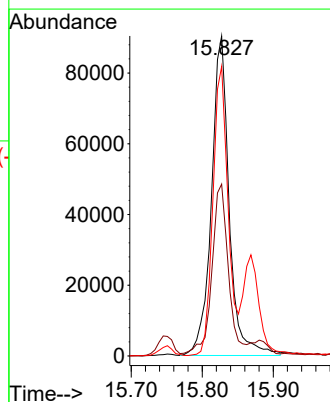
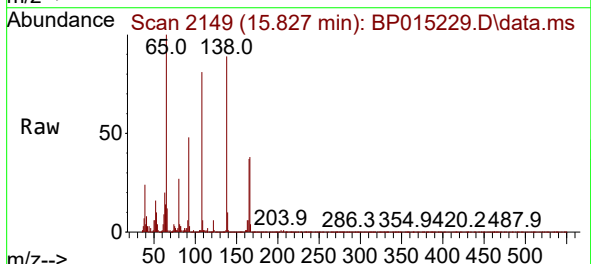
Instrument :
BNA_P
ClientSampleId :
SSTD020726

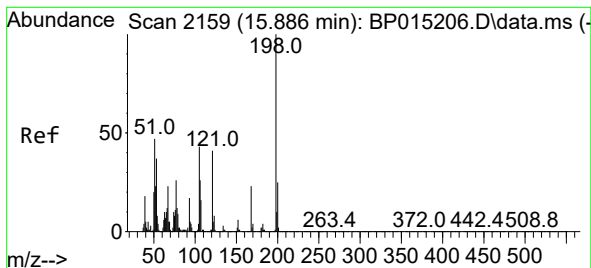
Tgt Ion:204 Resp: 529015
Ion Ratio Lower Upper
204 100
206 32.9 26.1 39.1
141 61.0 44.5 66.7



#63
4-Nitroaniline
Concen: 19.332 ng/ul
RT: 15.827 min Scan# 2149
Delta R.T. -0.000 min
Lab File: BP015229.D
Acq: 22 May 2023 23:59

Tgt Ion:138 Resp: 156964
Ion Ratio Lower Upper
138 100
92 53.7 41.2 61.8
108 90.4 60.1 90.1#

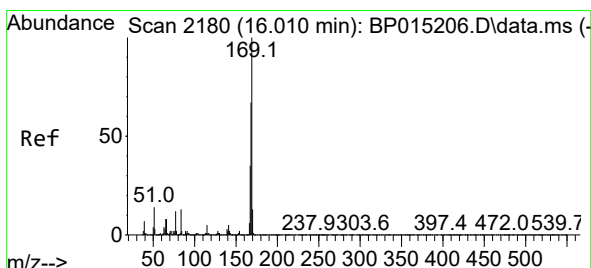
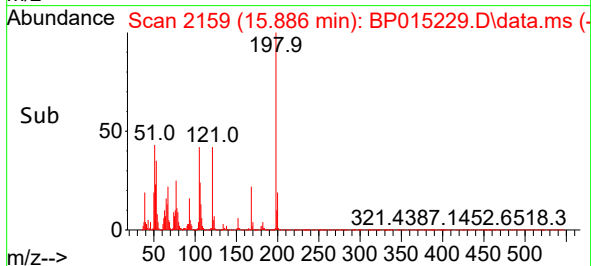
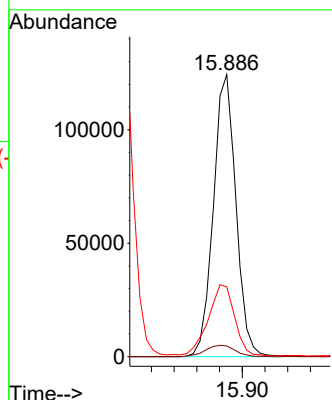
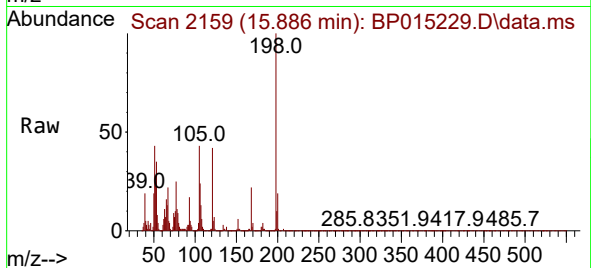




#66
4,6-Dinitro-2-methylphenol
Concen: 18.401 ng/ul
RT: 15.886 min Scan# 2159
Delta R.T. -0.000 min
Lab File: BP015229.D
Acq: 22 May 2023 23:59

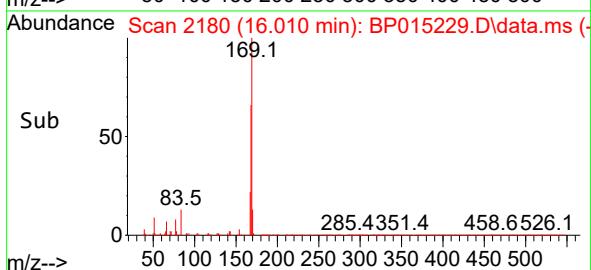
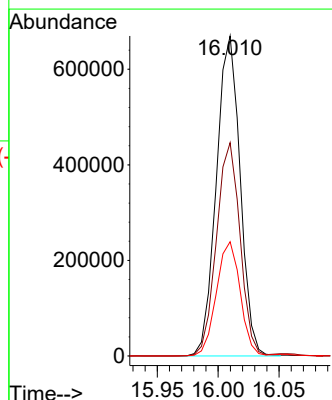
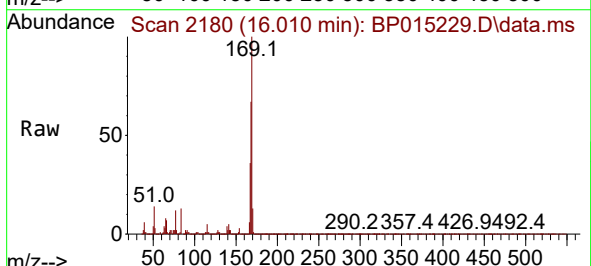
Instrument :
BNA_P
ClientSampleId :
SSTD020726

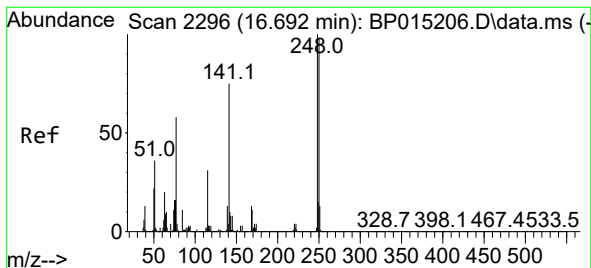
Tgt Ion:198 Resp: 171507
Ion Ratio Lower Upper
198 100
182 3.8 3.7 5.5
77 24.8 21.2 31.8



#67
N-Nitrosodiphenylamine
Concen: 21.611 ng/ul
RT: 16.010 min Scan# 2180
Delta R.T. -0.000 min
Lab File: BP015229.D
Acq: 22 May 2023 23:59

Tgt Ion:169 Resp: 910639
Ion Ratio Lower Upper
169 100
168 66.7 53.5 80.3
167 35.7 28.9 43.3

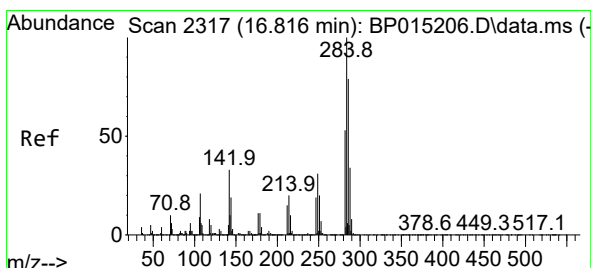
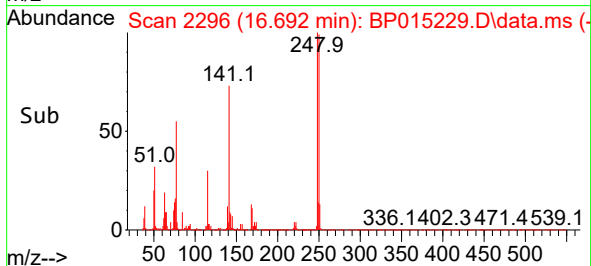
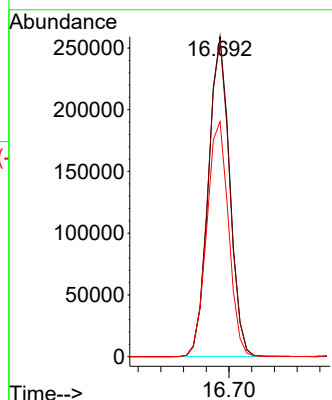
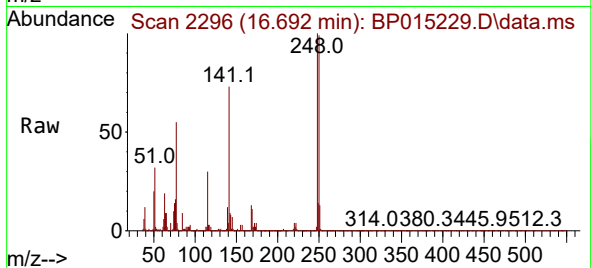




#68
4-Bromophenyl-phenylether
Concen: 22.851 ng/ul
RT: 16.692 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP015229.D
Acq: 22 May 2023 23:59

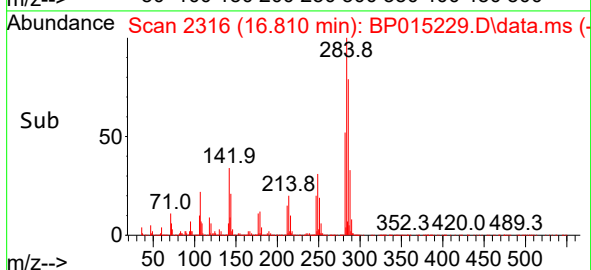
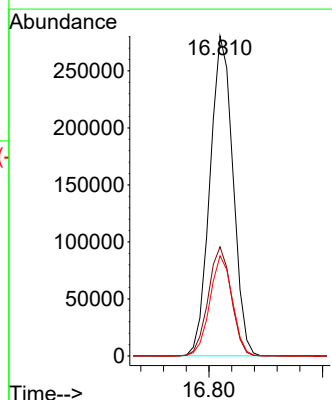
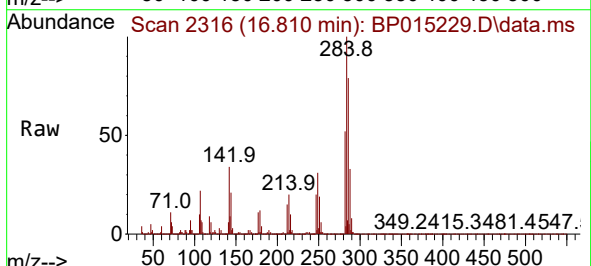
Instrument :
BNA_P
ClientSampleId :
SSTD020726

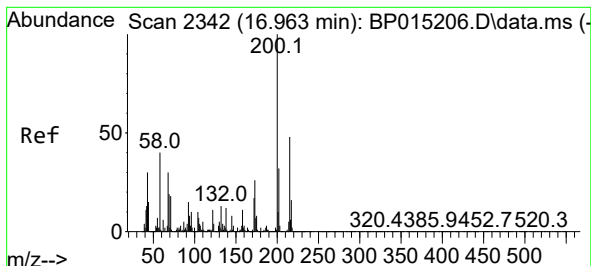
Tgt Ion:248 Resp: 337298
Ion Ratio Lower Upper
248 100
250 98.8 79.0 118.4
141 73.5 58.6 87.8



#69
Hexachlorobenzene
Concen: 22.589 ng/ul
RT: 16.810 min Scan# 2316
Delta R.T. -0.006 min
Lab File: BP015229.D
Acq: 22 May 2023 23:59

Tgt Ion:284 Resp: 394023
Ion Ratio Lower Upper
284 100
142 34.1 27.3 40.9
249 31.3 24.6 36.8





#70

Atrazine

Concen: 22.213 ng/ul

RT: 16.963 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP015229.D

Acq: 22 May 2023 23:59

Instrument :

BNA_P

ClientSampleId :

SSTD020726

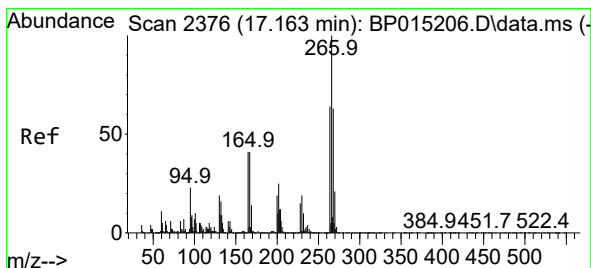
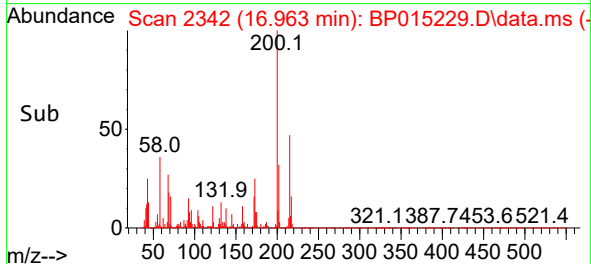
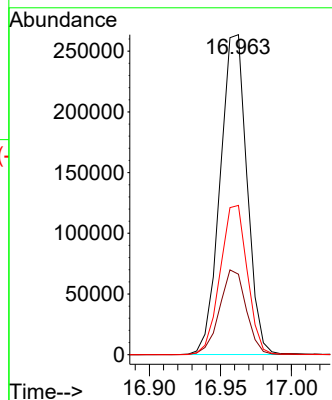
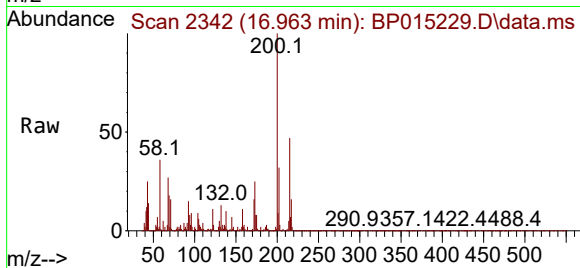
Tgt Ion:200 Resp: 345963

Ion Ratio Lower Upper

200 100

173 25.2 21.4 32.2

215 46.7 38.1 57.1



#71

Pentachlorophenol

Concen: 20.157 ng/ul

RT: 17.157 min Scan# 2375

Delta R.T. -0.000 min

Lab File: BP015229.D

Acq: 22 May 2023 23:59

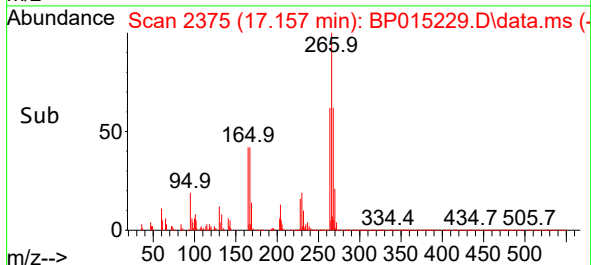
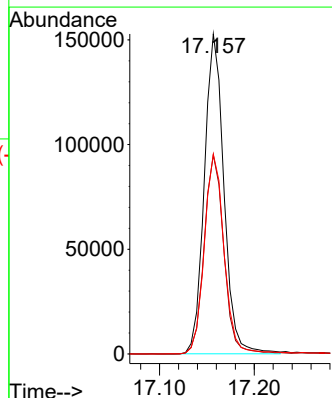
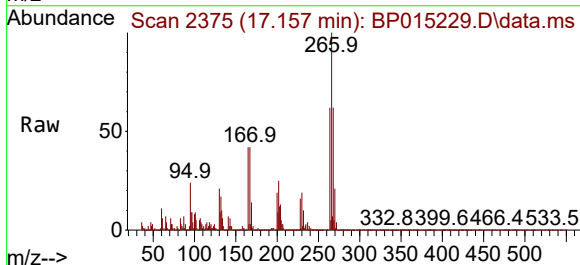
Tgt Ion:266 Resp: 219935

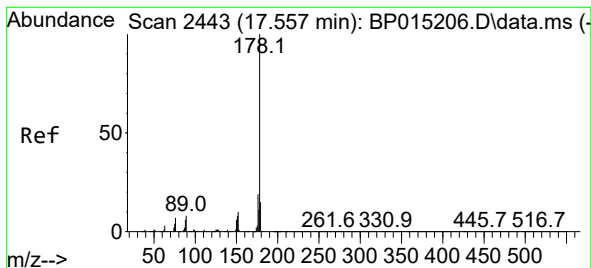
Ion Ratio Lower Upper

266 100

264 62.2 51.0 76.4

268 62.5 51.8 77.6





#72

Phenanthrene

Concen: 21.007 ng/ul

RT: 17.557 min Scan# 2443

Delta R.T. 0.005 min

Lab File: BP015229.D

Acq: 22 May 2023 23:59

Instrument :

BNA_P

ClientSampleId :

SSTD020726

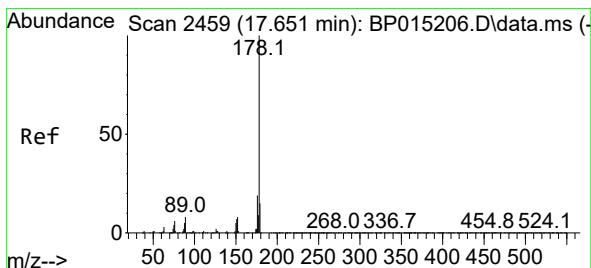
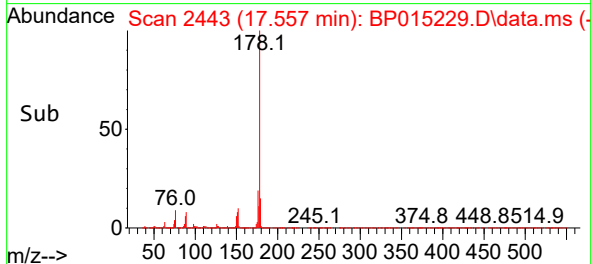
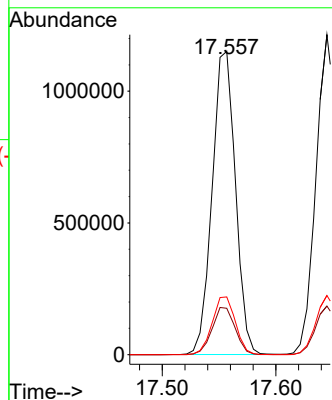
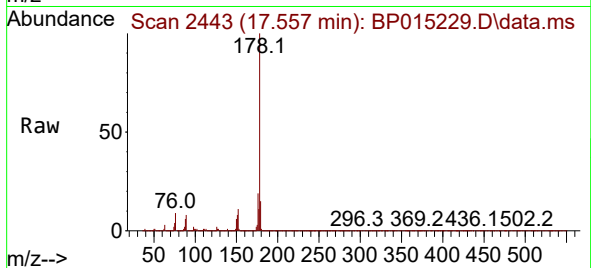
Tgt Ion:178 Resp: 1639302

Ion Ratio Lower Upper

178 100

179 15.3 12.2 18.2

176 19.0 15.6 23.4



#74

Anthracene

Concen: 20.889 ng/ul

RT: 17.645 min Scan# 2458

Delta R.T. -0.000 min

Lab File: BP015229.D

Acq: 22 May 2023 23:59

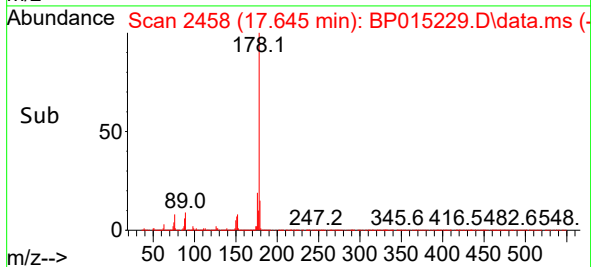
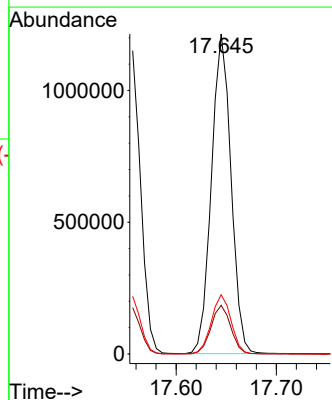
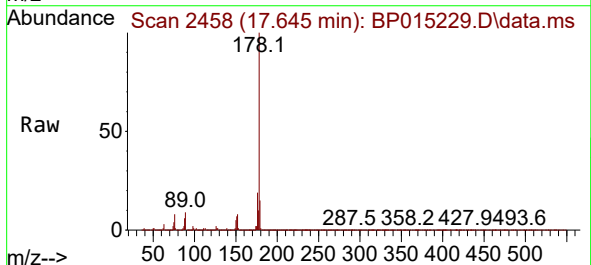
Tgt Ion:178 Resp: 1648334

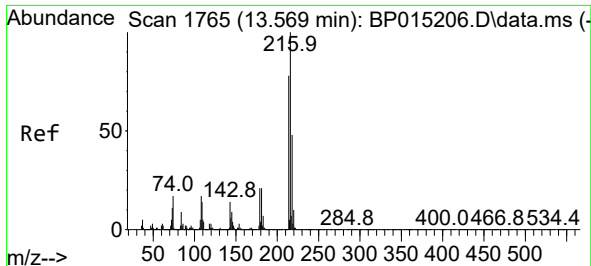
Ion Ratio Lower Upper

178 100

179 15.2 12.2 18.2

176 18.5 15.2 22.8

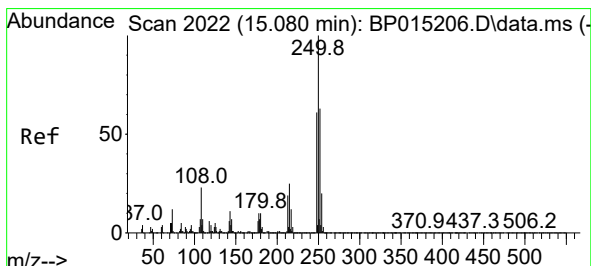
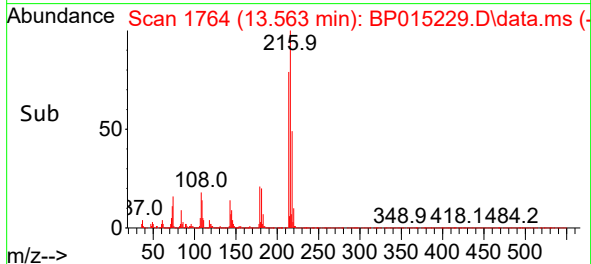
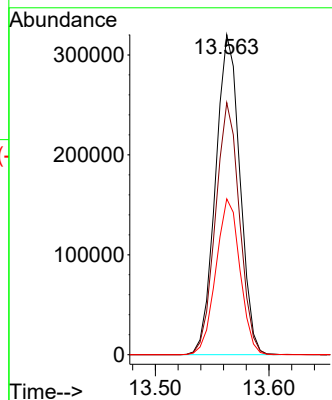
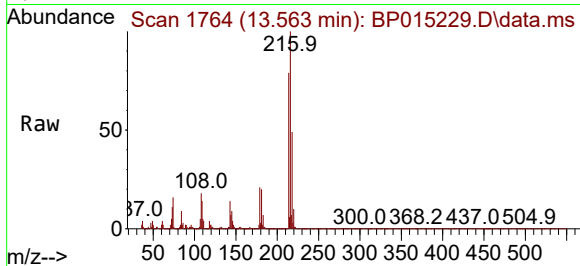




#75
1,2,3,4-Tetrachlorobenzene
Concen: 23.489 ng/uL
RT: 13.563 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP015229.D
Acq: 22 May 2023 23:59

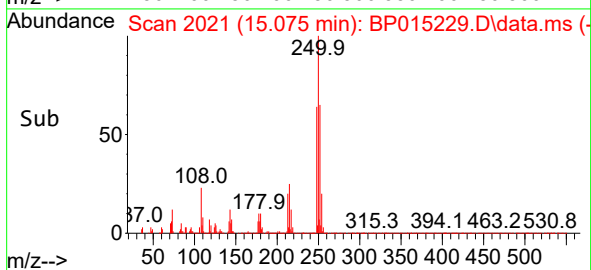
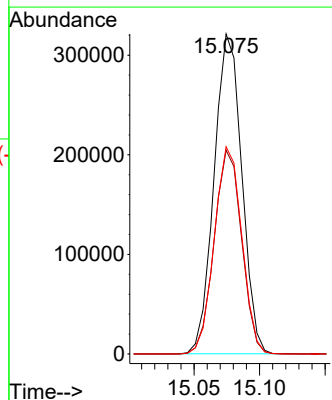
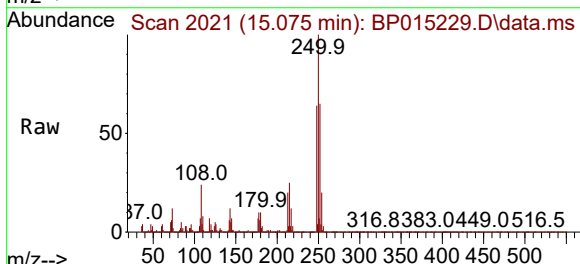
Instrument :
BNA_P
ClientSampleId :
SSTD020726

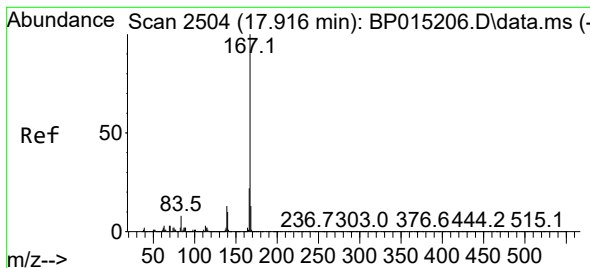
Tgt Ion:216 Resp: 477257
Ion Ratio Lower Upper
216 100
214 78.8 62.2 93.4
218 48.7 38.2 57.2



#76
Pentachlorobenzene
Concen: 23.138 ng/uL
RT: 15.075 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BP015229.D
Acq: 22 May 2023 23:59

Tgt Ion:250 Resp: 472035
Ion Ratio Lower Upper
250 100
248 63.7 49.8 74.6
252 64.7 51.6 77.4





#77

Carbazole

Concen: 20.831 ng/ul

RT: 17.910 min Scan# 2503

Delta R.T. -0.000 min

Lab File: BP015229.D

Acq: 22 May 2023 23:59

Instrument :

BNA_P

ClientSampleId :

SSTD020726

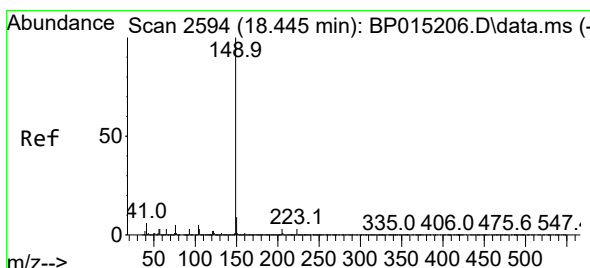
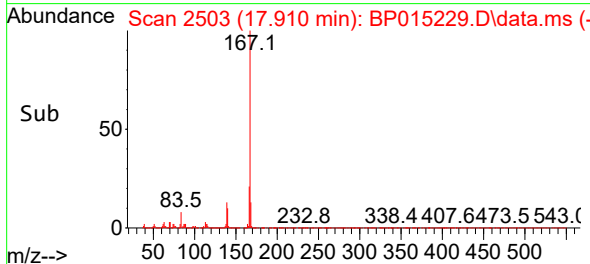
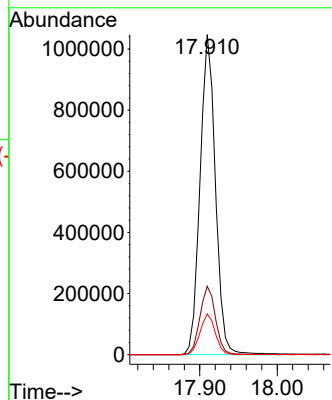
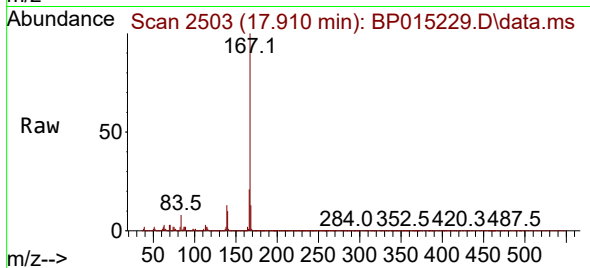
Tgt Ion:167 Resp: 1441362

Ion Ratio Lower Upper

167 100

166 21.4 17.4 26.2

139 12.8 10.2 15.4



#78

Di-n-butylphthalate

Concen: 21.503 ng/ul

RT: 18.439 min Scan# 2593

Delta R.T. -0.000 min

Lab File: BP015229.D

Acq: 22 May 2023 23:59

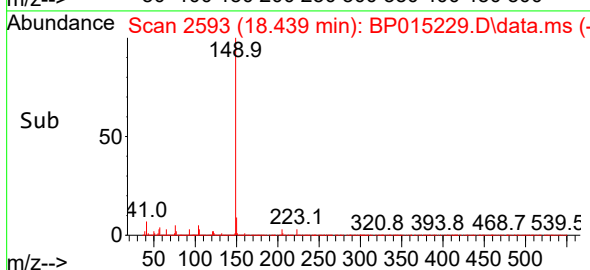
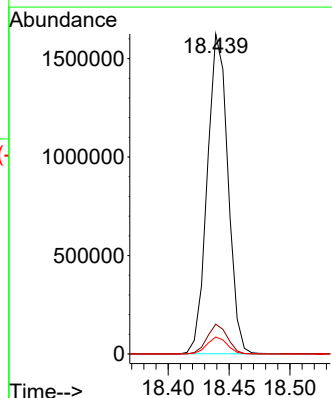
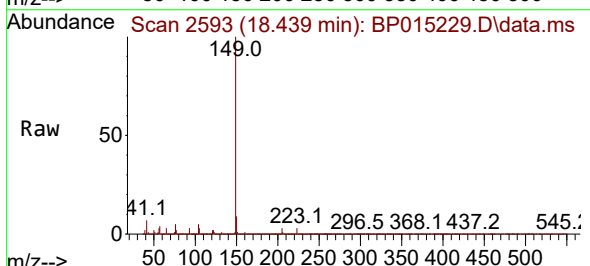
Tgt Ion:149 Resp: 1916104

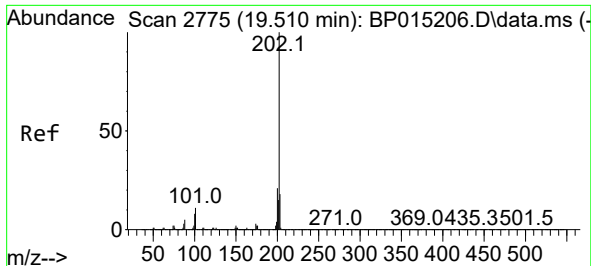
Ion Ratio Lower Upper

149 100

150 9.3 7.3 10.9

104 5.3 3.9 5.9

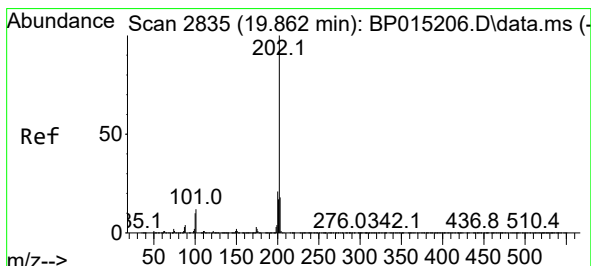
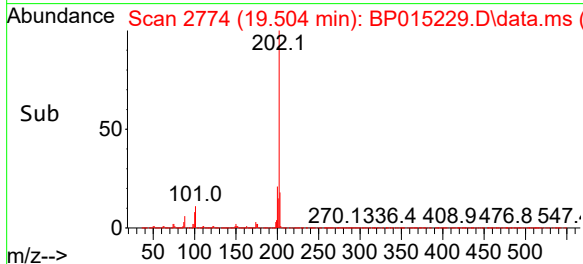
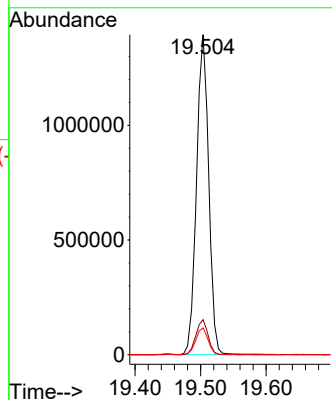
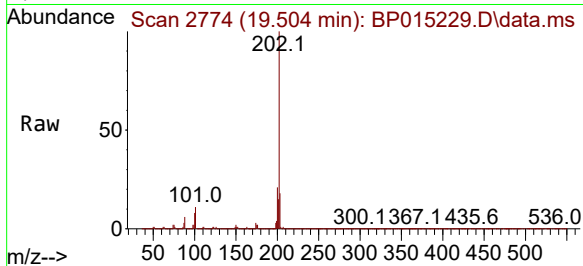




#80
Fluoranthene
Concen: 25.175 ng/ul
RT: 19.504 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP015229.D
Acq: 22 May 2023 23:59

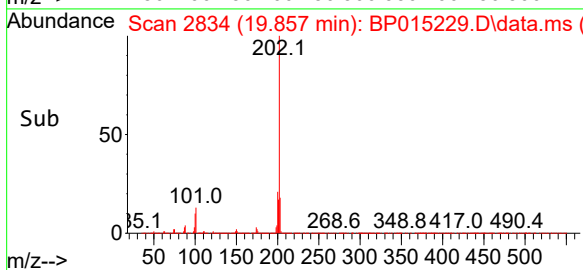
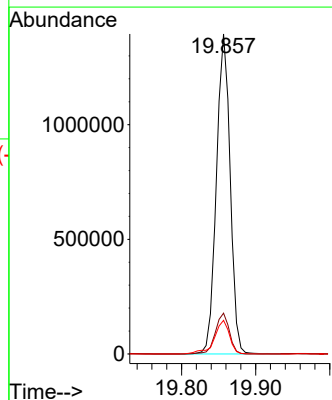
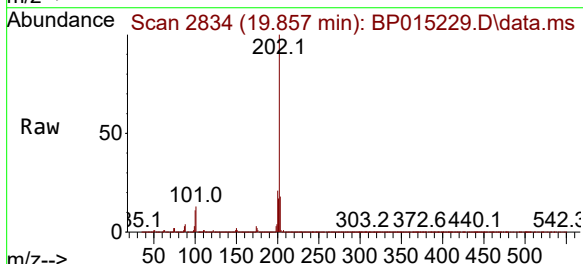
Instrument :
BNA_P
ClientSampleId :
SSTD020726

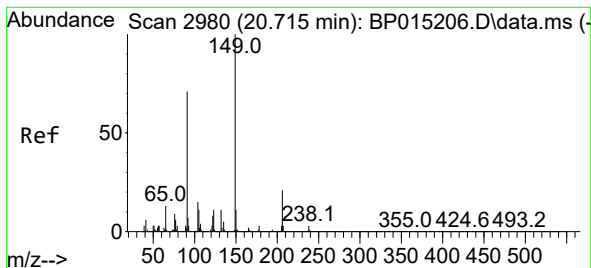
Tgt Ion:202 Resp: 1799130
Ion Ratio Lower Upper
202 100
101 11.0 9.5 14.3
100 8.4 7.3 10.9



#82
Pyrene
Concen: 24.320 ng/ul
RT: 19.857 min Scan# 2834
Delta R.T. -0.000 min
Lab File: BP015229.D
Acq: 22 May 2023 23:59

Tgt Ion:202 Resp: 1794808
Ion Ratio Lower Upper
202 100
101 12.7 11.2 16.8
100 10.5 9.0 13.6





#83

Butylbenzylphthalate

Concen: 24.907 ng/ul

RT: 20.709 min Scan# 2980

Delta R.T. -0.000 min

Lab File: BP015229.D

Acq: 22 May 2023 23:59

Instrument :

BNA_P

ClientSampleId :

SSTD020726

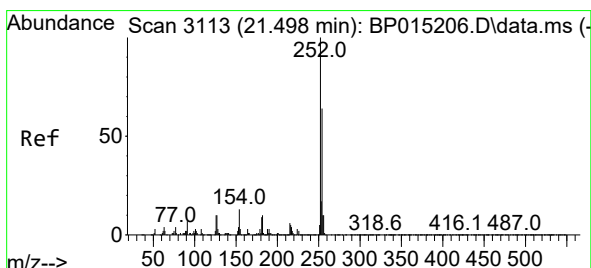
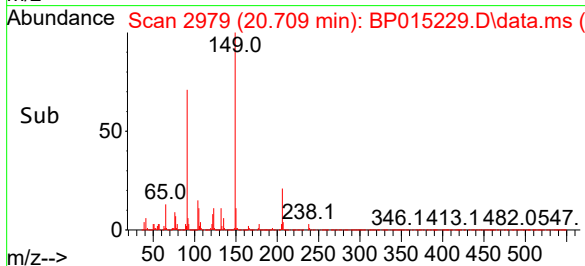
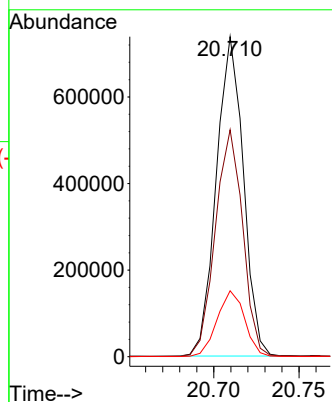
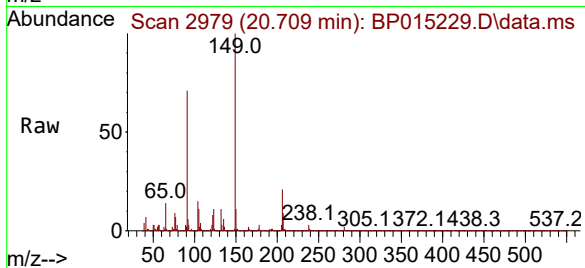
Tgt Ion:149 Resp: 814886

Ion Ratio Lower Upper

149 100

91 70.9 57.4 86.2

206 20.6 16.6 25.0



#84

3,3'-Dichlorobenzidine

Concen: 20.848 ng/ul

RT: 21.492 min Scan# 3112

Delta R.T. -0.000 min

Lab File: BP015229.D

Acq: 22 May 2023 23:59

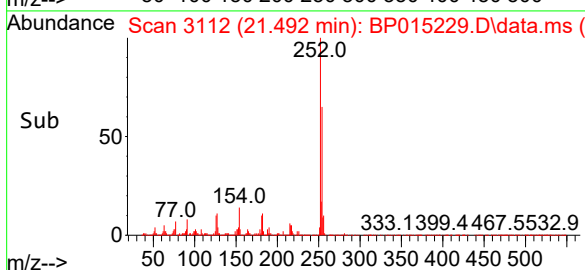
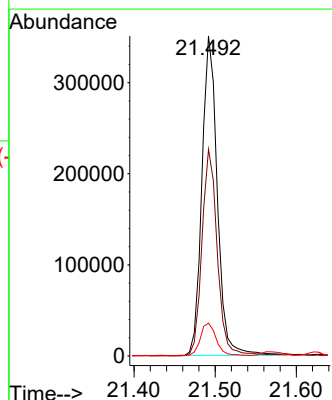
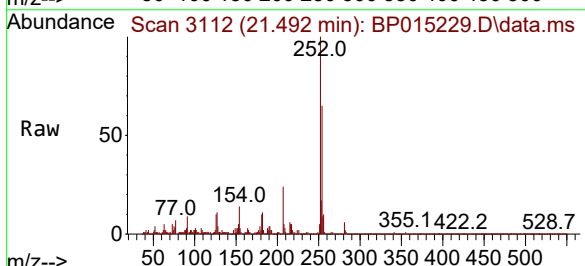
Tgt Ion:252 Resp: 462884

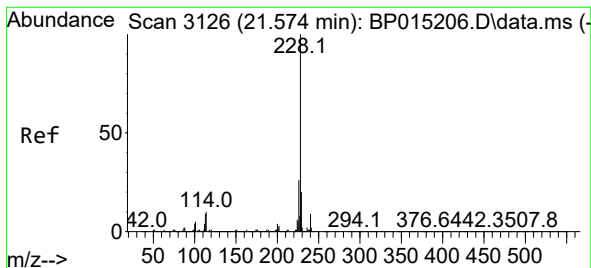
Ion Ratio Lower Upper

252 100

254 64.6 50.8 76.2

126 10.3 9.8 14.8





#85

Benzo(a)anthracene

Concen: 21.668 ng/ul

RT: 21.568 min Scan# 3125

Delta R.T. -0.000 min

Lab File: BP015229.D

Acq: 22 May 2023 23:59

Instrument :

BNA_P

ClientSampleId :

SSTD020726

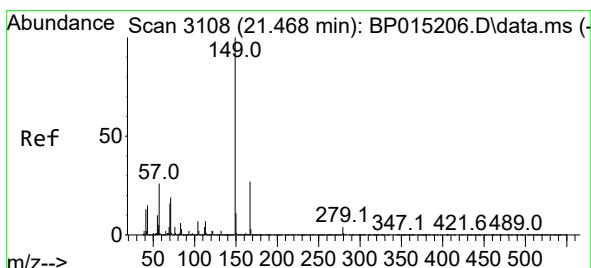
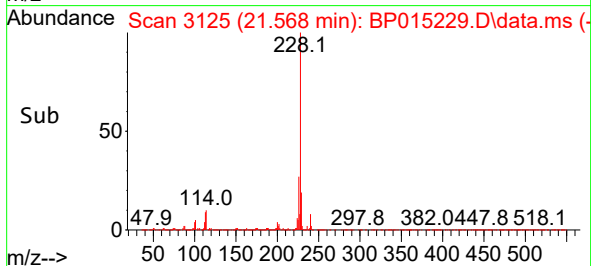
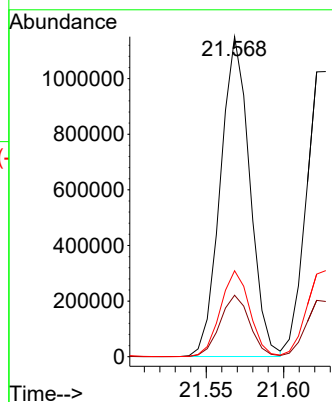
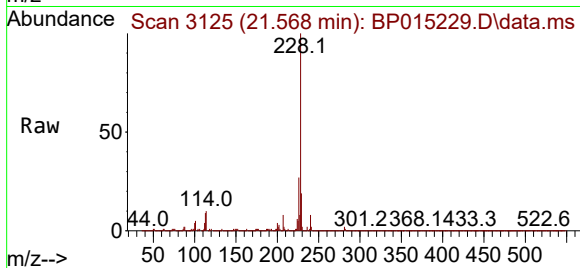
Tgt Ion:228 Resp: 1514617

Ion Ratio Lower Upper

228 100

229 19.2 16.1 24.1

226 26.8 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 24.828 ng/ul

RT: 21.468 min Scan# 3108

Delta R.T. -0.000 min

Lab File: BP015229.D

Acq: 22 May 2023 23:59

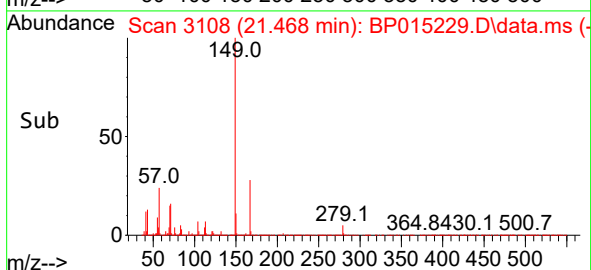
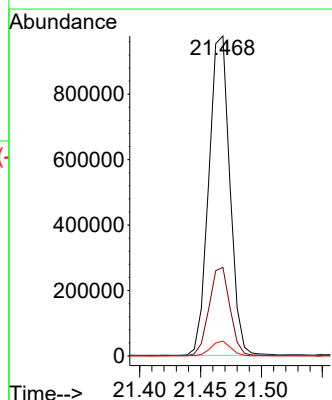
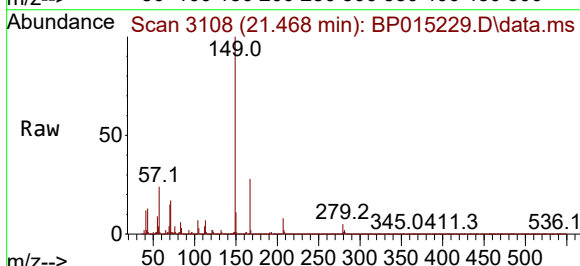
Tgt Ion:149 Resp: 1169424

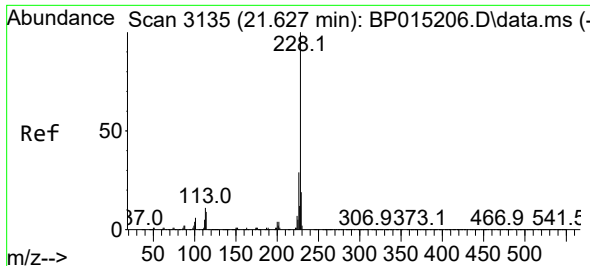
Ion Ratio Lower Upper

149 100

167 27.7 21.8 32.6

279 4.7 3.2 4.8

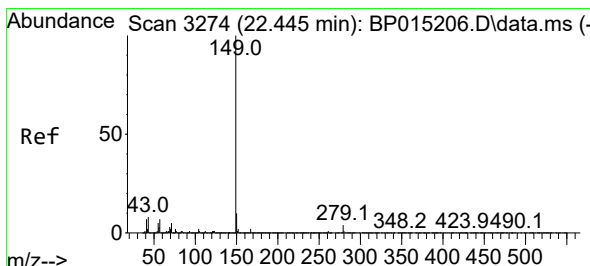
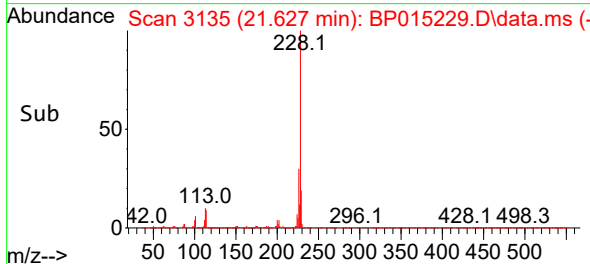
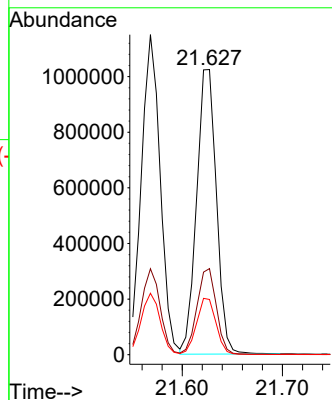
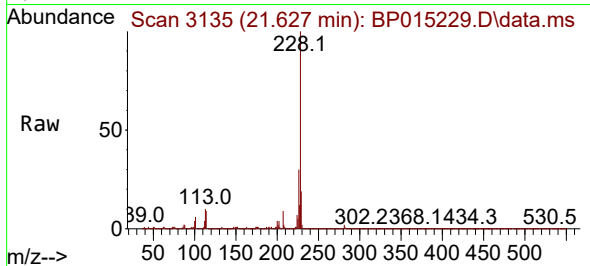




#87
Chrysene
Concen: 21.090 ng/ul
RT: 21.627 min Scan# 3135
Delta R.T. -0.000 min
Lab File: BP015229.D
Acq: 22 May 2023 23:59

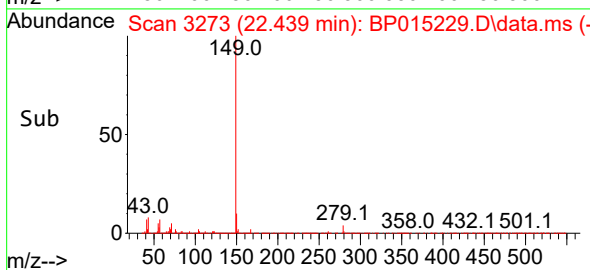
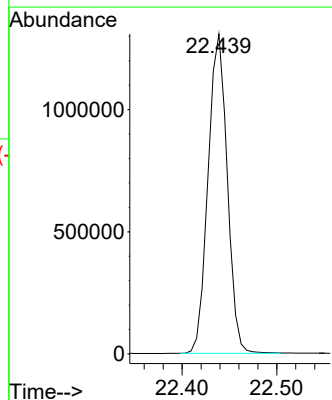
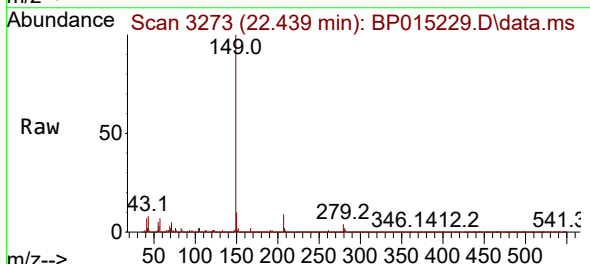
Instrument :
BNA_P
ClientSampleId :
SSTD020726

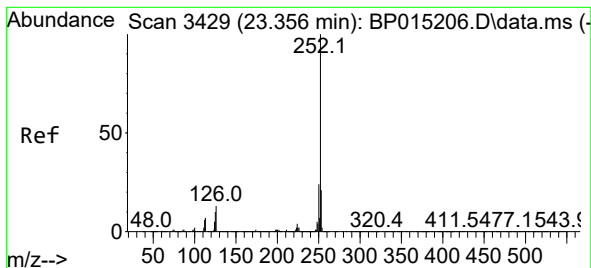
Tgt Ion:228 Resp: 1409254
Ion Ratio Lower Upper
228 100
226 30.2 25.0 37.6
229 19.4 16.1 24.1



#89
Di-n-octyl phthalate
Concen: 25.038 ng/ul
RT: 22.439 min Scan# 3273
Delta R.T. -0.000 min
Lab File: BP015229.D
Acq: 22 May 2023 23:59

Tgt Ion:149 Resp: 1834138





#90

Benzo(b)fluoranthene

Concen: 21.726 ng/ul

RT: 23.351 min Scan# 3429

Delta R.T. -0.000 min

Lab File: BP015229.D

Acq: 22 May 2023 23:59

Instrument :

BNA_P

ClientSampleId :

SSTD020726

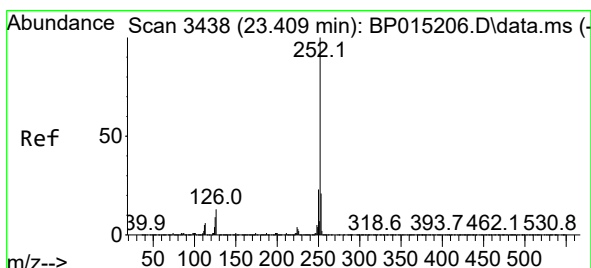
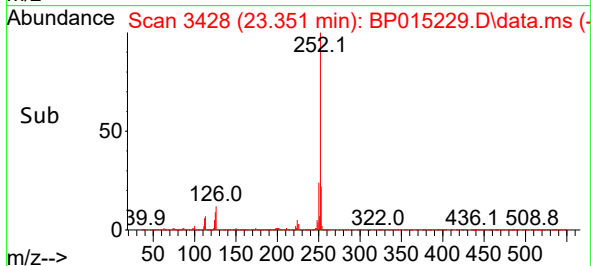
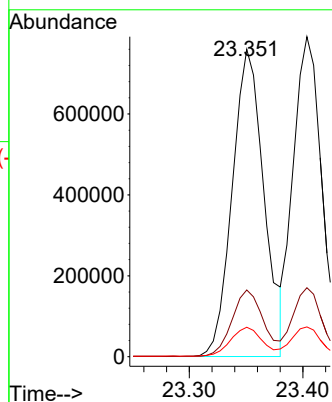
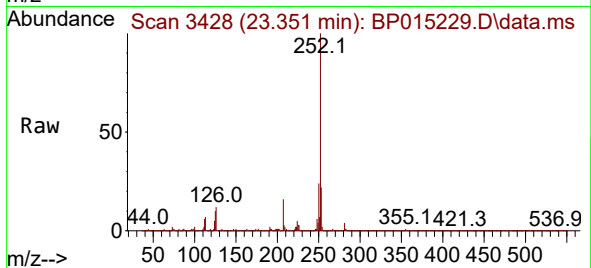
Tgt Ion:252 Resp: 1473203

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

125 9.6 8.3 12.5



#91

Benzo(k)fluoranthene

Concen: 21.028 ng/ul

RT: 23.403 min Scan# 3437

Delta R.T. -0.000 min

Lab File: BP015229.D

Acq: 22 May 2023 23:59

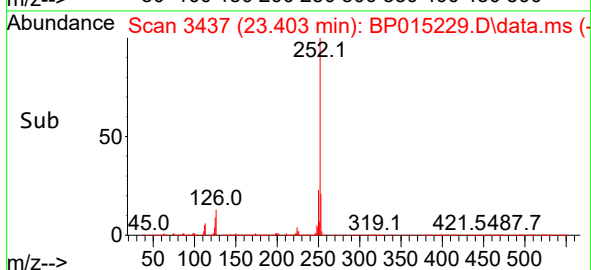
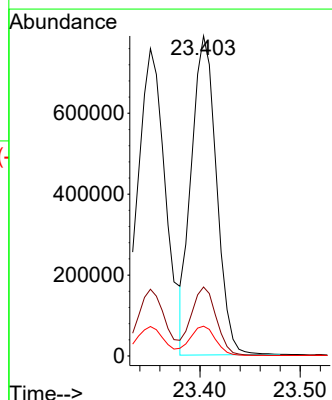
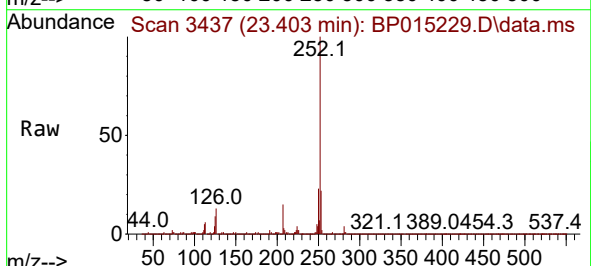
Tgt Ion:252 Resp: 1369120

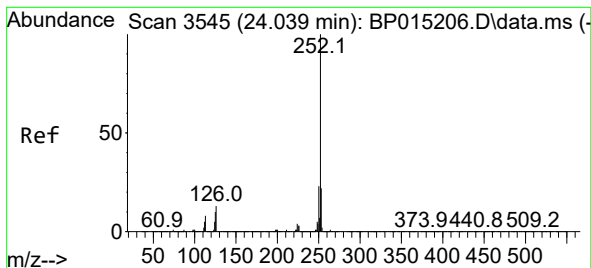
Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 9.3 8.5 12.7





#93

Benzo(a)pyrene

Concen: 20.662 ng/ul

RT: 24.027 min Scan# 3

Delta R.T. -0.000 min

Lab File: BP015229.D

Acq: 22 May 2023 23:59

Instrument :

BNA_P

ClientSampleId :

SSTD020726

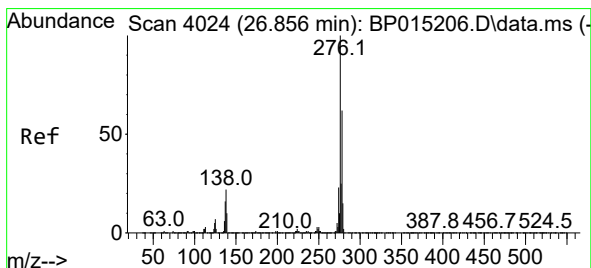
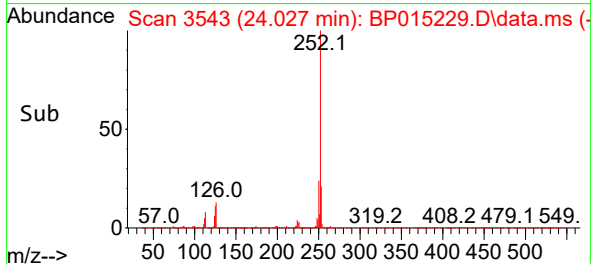
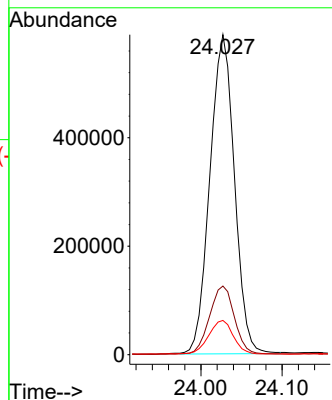
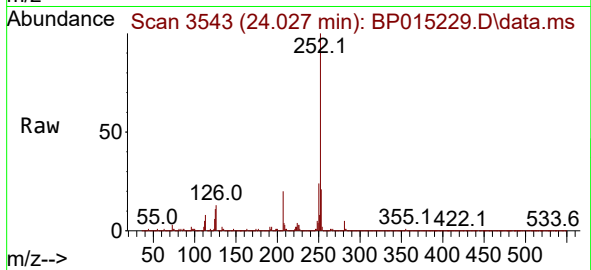
Tgt Ion:252 Resp: 1238379

Ion Ratio Lower Upper

252 100

253 21.5 17.2 25.8

125 10.7 9.1 13.7



#94

Indeno(1,2,3-cd)pyrene

Concen: 20.951 ng/ul

RT: 26.839 min Scan# 4021

Delta R.T. -0.006 min

Lab File: BP015229.D

Acq: 22 May 2023 23:59

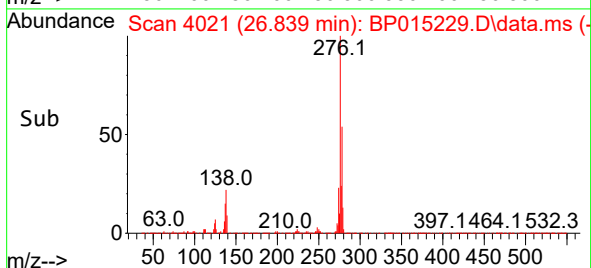
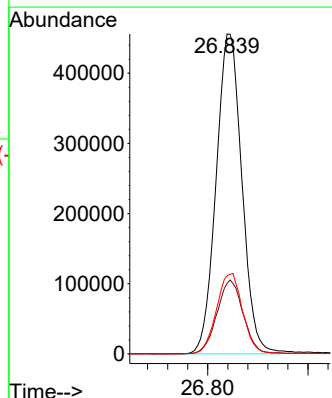
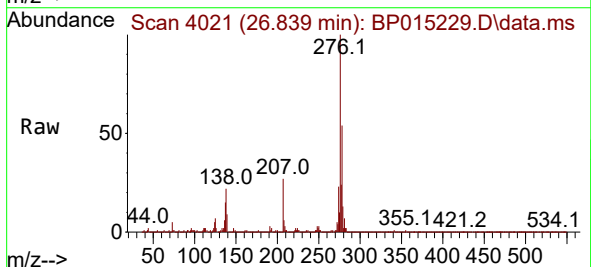
Tgt Ion:276 Resp: 1625923

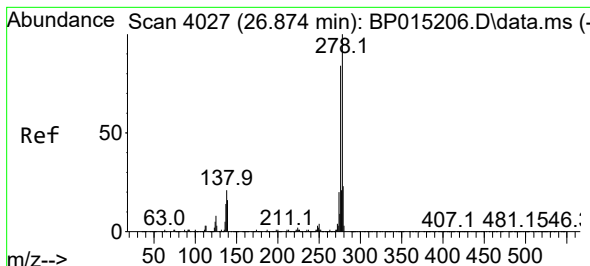
Ion Ratio Lower Upper

276 100

138 22.1 20.1 30.1

277 24.5 19.8 29.8





#95

Dibenzo(a,h)anthracene

Concen: 21.094 ng/ul

RT: 26.856 min Scan# 4027

Delta R.T. -0.006 min

Lab File: BP015229.D

Acq: 22 May 2023 23:59

Instrument :

BNA_P

ClientSampleId :

SSTD020726

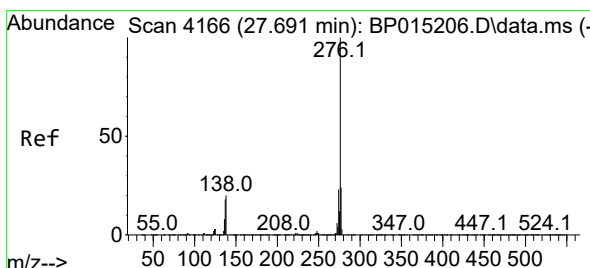
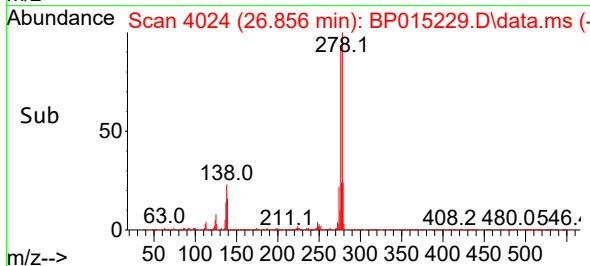
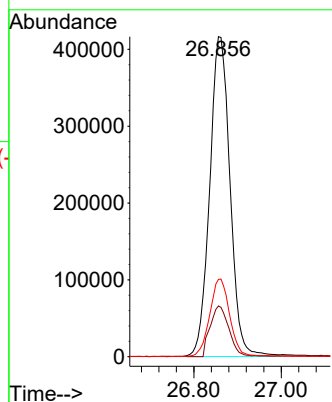
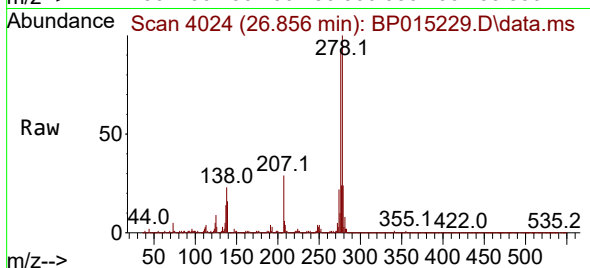
Tgt Ion:278 Resp: 1343797

Ion Ratio Lower Upper

278 100

139 15.8 13.3 19.9

279 24.1 19.1 28.7



#96

Benzo(g,h,i)perylene

Concen: 21.268 ng/ul

RT: 27.680 min Scan# 4164

Delta R.T. 0.005 min

Lab File: BP015229.D

Acq: 22 May 2023 23:59

Tgt Ion:276 Resp: 1345912

Ion Ratio Lower Upper

276 100

138 19.1 17.7 26.5

277 24.0 18.8 28.2

