

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081023\
 Data File : BP016545.D
 Acq On : 10 Aug 2023 13:08
 Operator : MA/JU
 Sample : SSTD16023
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD160623

Quant Time: Aug 10 16:50:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 10 14:05:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	504120	20.000	ng/ul	0.00
20) Naphthalene-d8	10.904	136	2203545	20.000	ng/ul	0.01
38) Acenaphthene-d10	14.716	164	1328076	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.486	188	2937302	20.000	ng/ul	0.00
79) Chrysene-d12	21.592	240	2326940	20.000	ng/ul	0.02
88) Perylene-d12	24.180	264	2784468	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	804324	61.981	ng/uL	0.00
4) Pyridine-d5	3.834	84	5599469	154.862	ng/ul	0.00
7) Phenol-d5	7.216	99	6482313	154.689	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.410	67	3779243	146.604	ng/ul	0.01
11) 2-Chlorophenol-d4	7.593	132	5201708	159.892	ng/ul	0.01
15) 4-Methylphenol-d8	8.787	113	5281121	157.288	ng/ul	0.02
21) Nitrobenzene-d5	9.275	128	2650812	167.888	ng/ul	0.02
24) 2-Nitrophenol-d4	9.987	143	2918153	190.502	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.516	165	4875970	158.182	ng/ul	0.02
31) 4-Chloroaniline-d4	11.063	131	6952320	146.937	ng/ul	0.02
46) Dimethylphthalate-d6	14.145	166	13149416	138.038	ng/ul	0.02
49) Acenaphthylene-d8	14.422	160	14809392	135.329	ng/ul	0.01
54) 4-Nitrophenol-d4	14.951	143	3030910	162.301	ng/ul	0.04
60) Fluorene-d10	15.722	176	10442266	128.491	ng/ul	0.02
65) 4,6-Dinitro-2-methylph...	15.857	200	2481200	178.229	ng/ul	0.04
73) Anthracene-d10	17.592	188	15645294	123.747	ng/ul	0.01
81) Pyrene-d10	19.816	212	16773011	130.912	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.027	264	19986731	149.611	ng/ul	0.04
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.434	88	849953	62.480	ng/uL	96
5) Pyridine	3.852	79	5659548	152.499	ng/ul	98
6) Benzaldehyde	7.222	77	2197511	101.089	ng/ul	98
8) Phenol	7.252	94	6683295	151.834	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.505	93	5248057	145.960	ng/ul	99
12) 2-Chlorophenol	7.628	128	5137802	151.993	ng/ul	99
13) 2-Methylphenol	8.510	108	5094788	154.566	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.587	45	3562220	80.318	ng/ul	97
16) Acetophenone	8.940	105	7239944	139.234	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.928	70	3458664	131.096	ng/ul	96
18) 4-Methylphenol	8.863	108	5613734	157.204	ng/ul	98
19) Hexachloroethane	9.146	117	2068254	148.411	ng/ul	95
22) Nitrobenzene	9.322	77	5904347	146.996	ng/ul	97
23) Isophorone	9.857	82	11398895	151.427	ng/ul	98
25) 2-Nitrophenol	10.022	139	2979717	168.604	ng/ul	98
26) 2,4-Dimethylphenol	10.063	107	5497172	144.386	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.322	93	6964198	140.386	ng/ul	99
29) 2,4-Dichlorophenol	10.546	162	4654388	147.949	ng/ul	100
30) Naphthalene	10.957	128	14919221	131.579	ng/ul	98
32) 4-Chloroaniline	11.093	127	6565770	141.126	ng/ul	99
33) Hexachlorobutadiene	11.187	225	2867109	144.803	ng/ul	100
34) Caprolactam	11.963	113	1110819	98.685	ng/ul	95
35) 4-Chloro-3-methylphenol	12.198	107	5345033	156.127	ng/ul	99
36) 2-Methylnaphthalene	12.557	142	9984774	131.968	ng/ul	98

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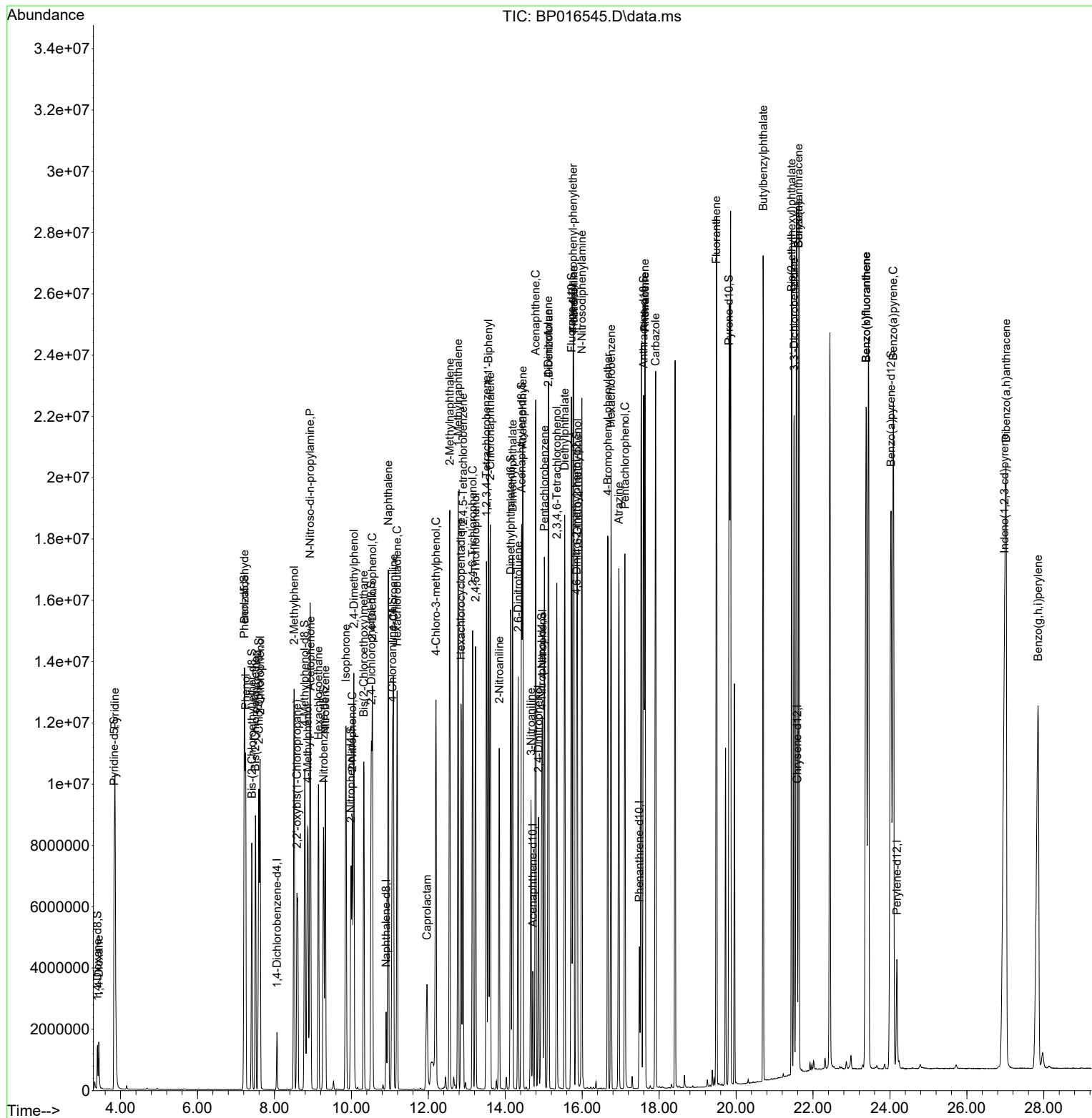
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37) 1-Methylnaphthalene	12.775	142	9958504	131.059	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.904	216	5338034	137.551	ng/ul	98
40) Hexachlorocyclopentadiene	12.851	237	3840180	162.173	ng/ul	98
41) 2,4,6-Trichlorophenol	13.151	196	3854687	161.338	ng/ul	99
42) 2,4,5-Trichlorophenol	13.228	196	4148410	159.078	ng/ul	98
43) 1,1'-Biphenyl	13.563	154	12081208	122.733	ng/ul	97
44) 2-Chloronaphthalene	13.610	162	10010486	129.331	ng/ul	98
45) 2-Nitroaniline	13.845	65	3412960	166.904	ng/ul	93
47) Dimethylphthalate	14.192	163	12603415	130.698	ng/ul	99
48) 2,6-Dinitrotoluene	14.334	165	3096926	174.789	ng/ul	96
50) Acenaphthylene	14.451	152	14754757	116.635	ng/ul	96
51) 3-Nitroaniline	14.669	138	2826075	151.278	ng/ul	97
52) Acenaphthene	14.792	153	10435712	124.820	ng/ul	99
53) 2,4-Dinitrophenol	14.863	184	2069560	217.265	ng/ul	94
55) 4-Nitrophenol	14.969	109	2139336	155.476	ng/ul	96
56) Dibenzofuran	15.128	168	12905795	112.624	ng/ul	94
57) 2,4-Dinitrotoluene	15.116	165	3771908	147.058	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.339	232	3477381	161.291	ng/ul	95
59) Diethylphthalate	15.545	149	12734406	133.328	ng/ul	98
61) Fluorene	15.781	166	10064500	108.821	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.763	204	5315379	117.111	ng/ul	98
63) 4-Nitroaniline	15.781	138	134704	7.970	ng/ul#	20
66) 4,6-Dinitro-2-methylph...	15.875	198	2557367	166.976	ng/ul#	96
67) N-Nitrosodiphenylamine	15.992	169	9981221	124.963	ng/ul	99
68) 4-Bromophenyl-phenylether	16.669	248	4109441	144.666	ng/ul	95
69) Hexachlorobenzene	16.751	284	4785843	143.387	ng/ul	94
70) Atrazine	16.951	200	4113783	145.674	ng/ul	98
71) Pentachlorophenol	17.110	266	3380159	166.263	ng/ul	99
72) Phenanthrene	17.628	178	15330432	101.093	ng/ul#	91
74) Anthracene	17.628	178	15330432	101.308	ng/ul#	90
75) 1,2,3,4-Tetrachloroben...	13.510	216	5687823	138.413	ng/uL	99
76) Pentachlorobenzene	15.022	250	5034990	136.279	ng/uL	99
77) Carbazole	17.904	167	15965619	121.783	ng/ul#	91
80) Fluoranthene	19.486	202	16651119	109.494	ng/ul#	94
83) Butylbenzylphthalate	20.704	149	9461357	153.183	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.510	252	7448658	147.462	ng/ul	99
85) Benzo(a)anthracene	21.627	228	15877182	101.915	ng/ul#	84
86) Bis(2-ethylhexyl)phtha...	21.445	149	12271348	140.235	ng/ul#	91
87) Chrysene	21.627	228	15877182	110.081	ng/ul#	88
90) Benzo(b)fluoranthene	23.380	252	23446117	142.565	ng/ul	96
91) Benzo(k)fluoranthene	23.380	252	23446117	141.795	ng/ul	96
93) Benzo(a)pyrene	24.086	252	20997716	136.287	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.980	276	25810310	144.351	ng/ul	98
95) Dibenzo(a,h)anthracene	27.021	278	20493971	137.602	ng/ul	97
96) Benzo(g,h,i)perylene	27.851	276	20489604	145.326	ng/ul	99

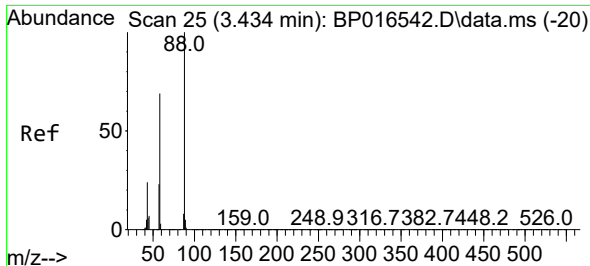
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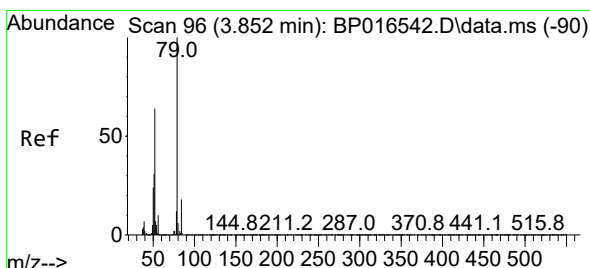
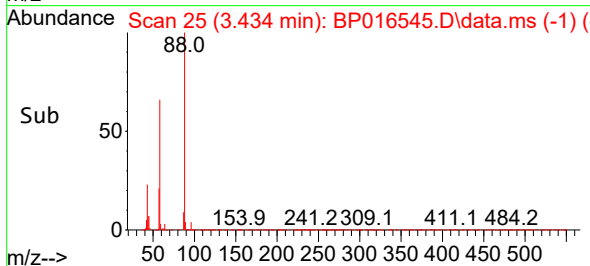
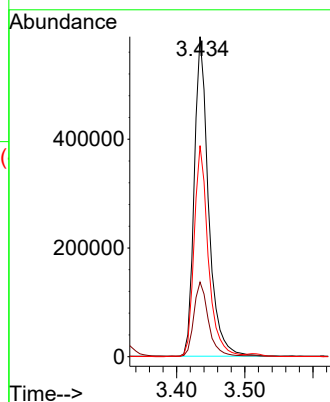
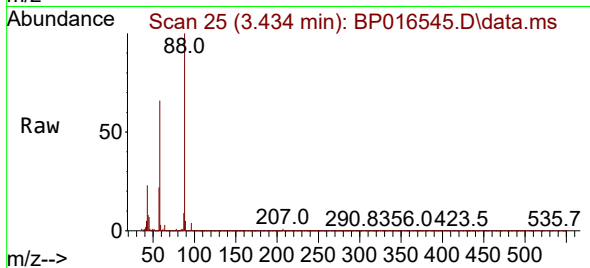


#2
 1,4-Dioxane
 Concen: 62.480 ng/uL
 RT: 3.434 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BP016545.D
 Acq: 10 Aug 2023 13:08

Instrument :
 BNA_P
 ClientSampleId :
 SSTD160623

Tgt Ion: 88 Resp: 849953

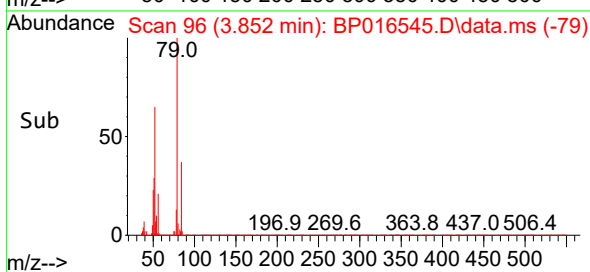
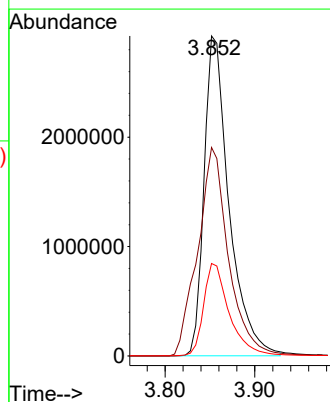
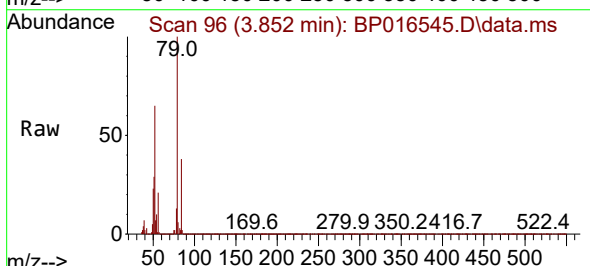
Ion	Ratio	Lower	Upper
88	100		
43	23.3	20.1	30.1
58	65.9	55.1	82.7

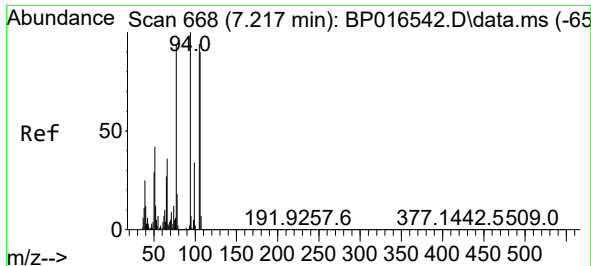


#5
 Pyridine
 Concen: 152.499 ng/uL
 RT: 3.852 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: BP016545.D
 Acq: 10 Aug 2023 13:08

Tgt Ion: 79 Resp: 5659548

Ion	Ratio	Lower	Upper
79	100		
52	65.1	52.9	79.3
51	28.9	24.6	37.0

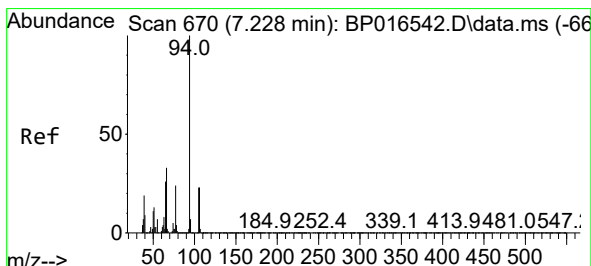
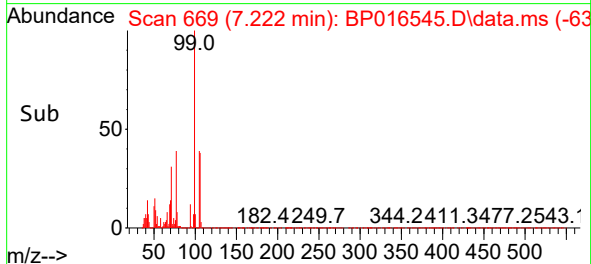
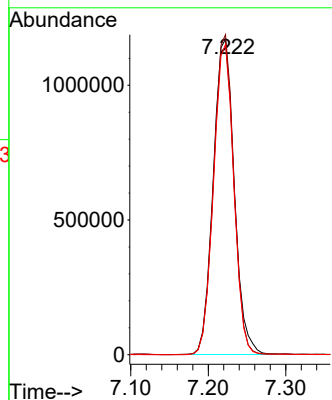
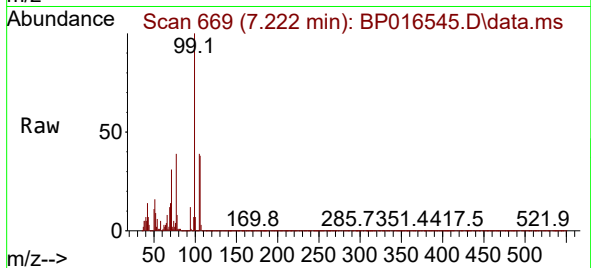




#6
Benzaldehyde
Concen: 101.089 ng/ul
RT: 7.222 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP016545.D
Acq: 10 Aug 2023 13:08

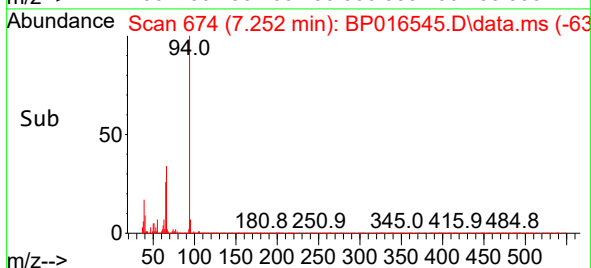
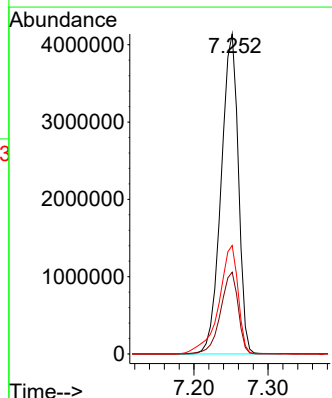
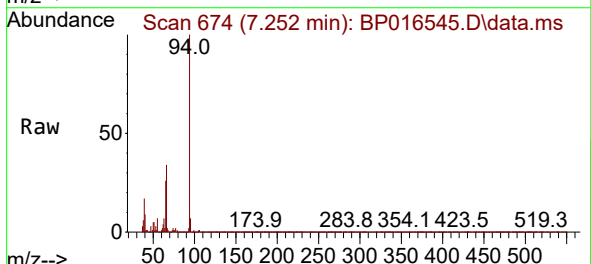
Instrument :
BNA_P
ClientSampleId :
SSTD160623

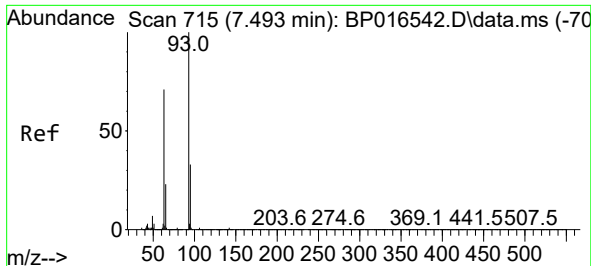
Tgt Ion: 77 Resp: 2197511
Ion Ratio Lower Upper
77 100
105 101.4 79.6 119.4
106 98.3 76.5 114.7



#8
Phenol
Concen: 151.834 ng/ul
RT: 7.252 min Scan# 674
Delta R.T. 0.023 min
Lab File: BP016545.D
Acq: 10 Aug 2023 13:08

Tgt Ion: 94 Resp: 6683295
Ion Ratio Lower Upper
94 100
65 25.5 20.7 31.1
66 33.9 26.7 40.1

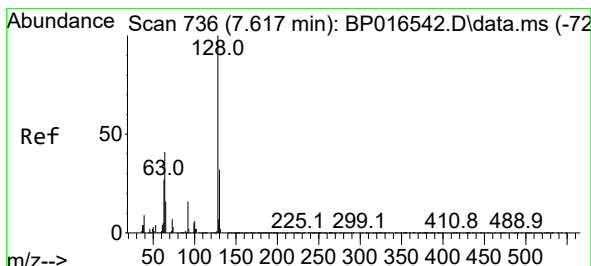
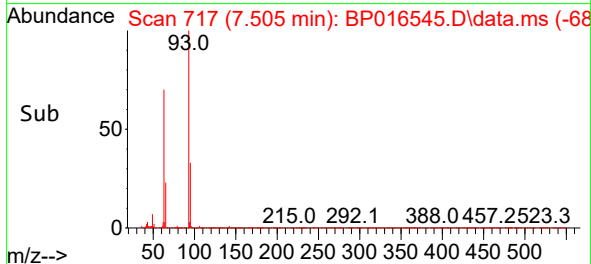
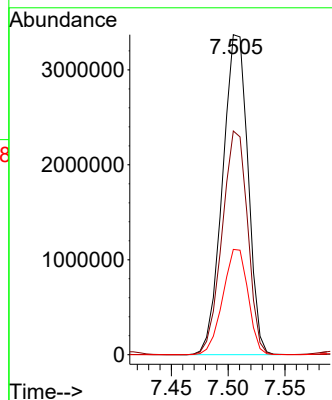
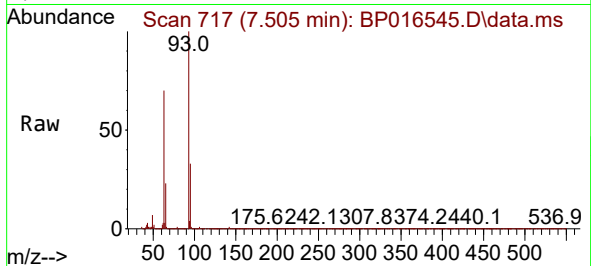




#10
Bis(2-Chloroethyl)ether
Concen: 145.960 ng/ul
RT: 7.505 min Scan# 715
Delta R.T. 0.012 min
Lab File: BP016545.D
Acq: 10 Aug 2023 13:08

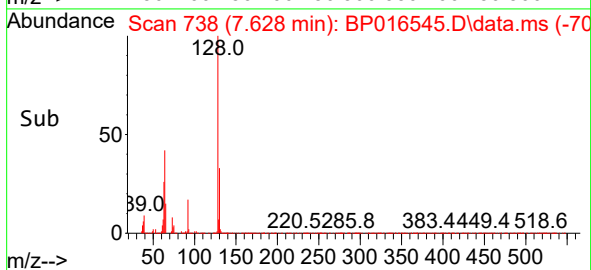
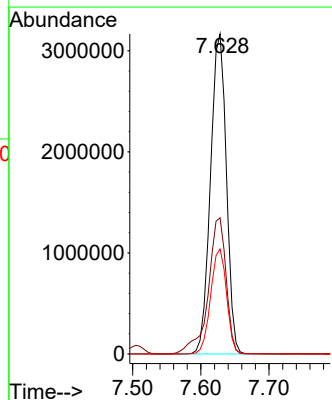
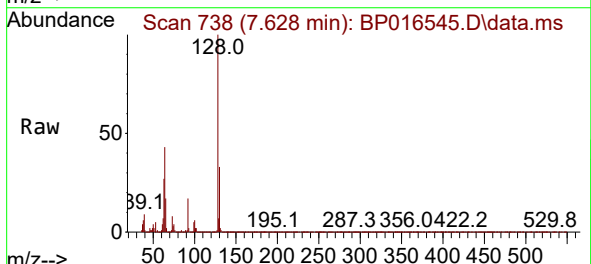
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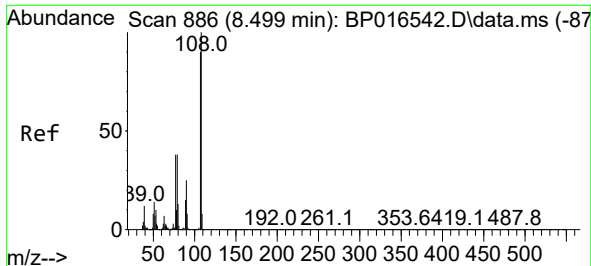
Tgt Ion: 93 Resp: 5248057
Ion Ratio Lower Upper
93 100
63 69.9 57.0 85.6
95 32.9 26.0 39.0



#12
2-Chlorophenol
Concen: 151.993 ng/ul
RT: 7.628 min Scan# 738
Delta R.T. 0.012 min
Lab File: BP016545.D
Acq: 10 Aug 2023 13:08

Tgt Ion:128 Resp: 5137802
Ion Ratio Lower Upper
128 100
64 42.6 34.7 52.1
130 32.8 25.9 38.9





#13

2-Methylphenol

Concen: 154.566 ng/ul

RT: 8.510 min Scan# 8

Delta R.T. 0.012 min

Lab File: BP016545.D

Acq: 10 Aug 2023 13:08

Instrument :

BNA_P

ClientSampleId :

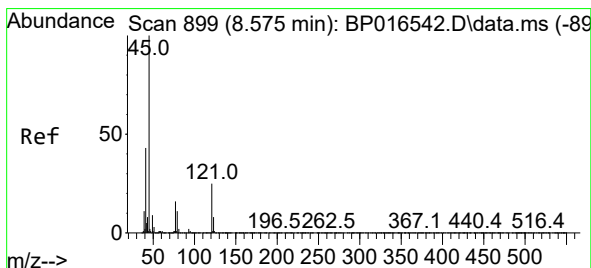
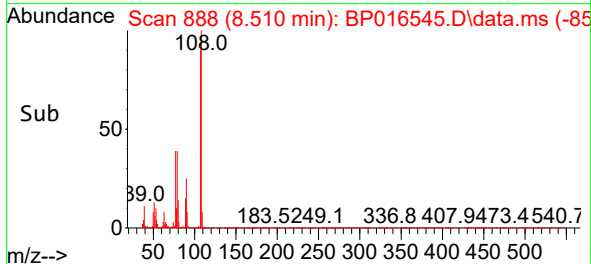
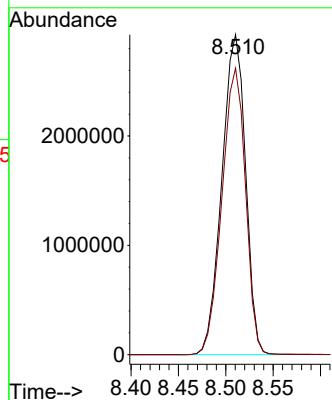
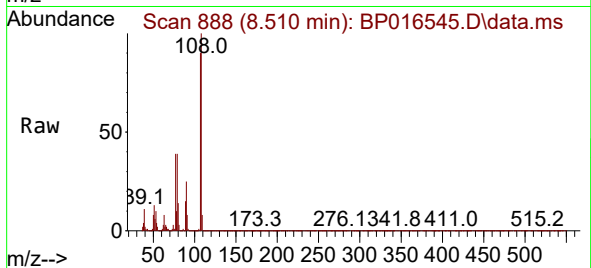
SSTD160623

Tgt Ion:108 Resp: 5094788

Ion Ratio Lower Upper

108 100

107 89.5 71.9 107.9



#14

2,2'-oxybis(1-Chloropropane)

Concen: 80.318 ng/ul

RT: 8.587 min Scan# 901

Delta R.T. 0.012 min

Lab File: BP016545.D

Acq: 10 Aug 2023 13:08

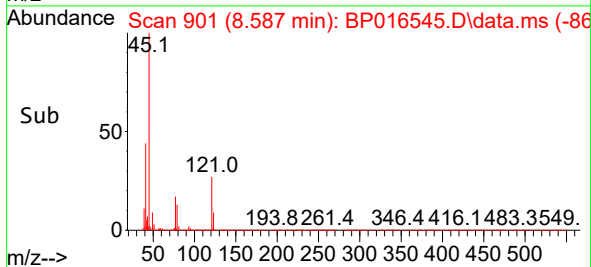
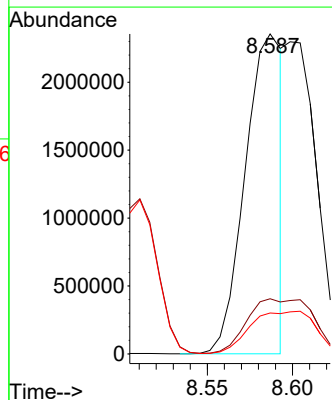
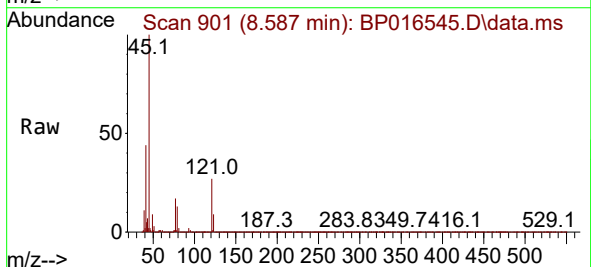
Tgt Ion: 45 Resp: 3562220

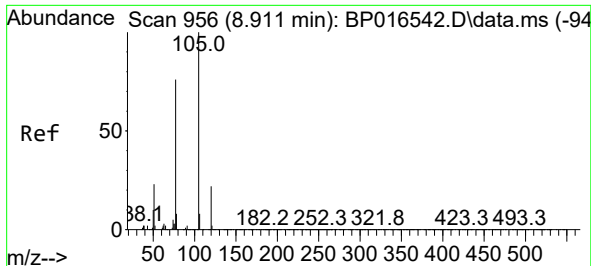
Ion Ratio Lower Upper

45 100

77 17.3 12.9 19.3

79 12.8 9.2 13.8

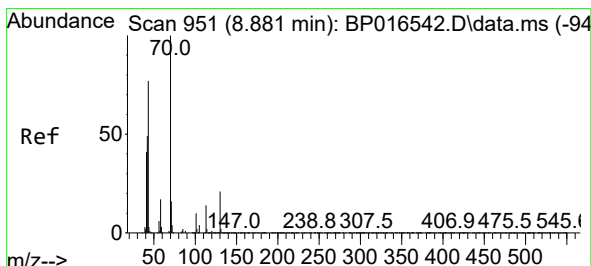
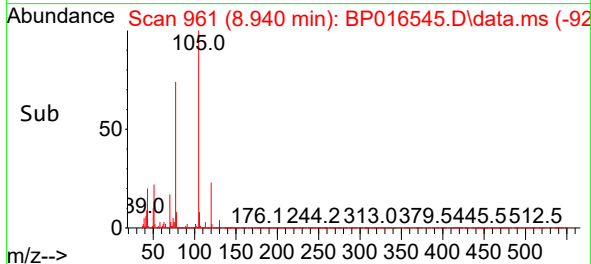
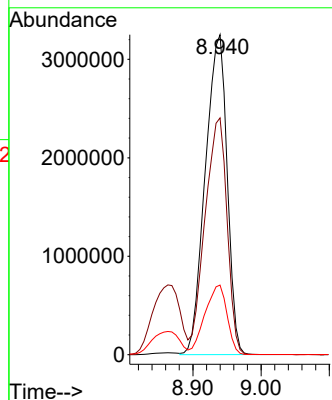
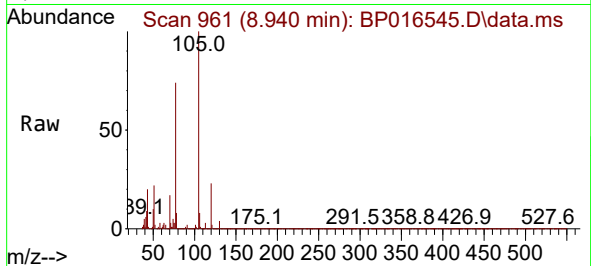




#16
Acetophenone
Concen: 139.234 ng/ul
RT: 8.940 min Scan# 910
Delta R.T. 0.029 min
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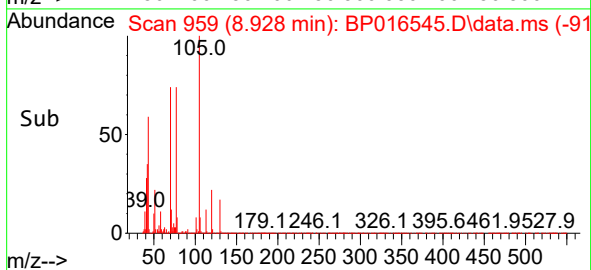
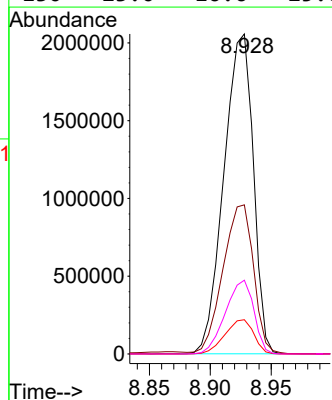
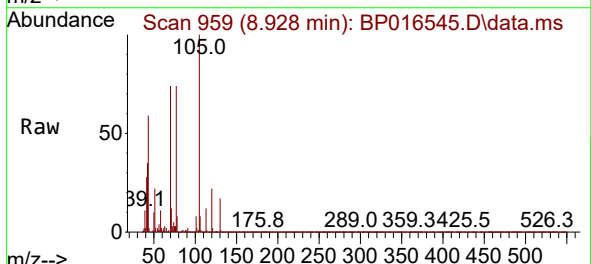
Instrument :
BNA_P
ClientSampleId :
SSTD160623

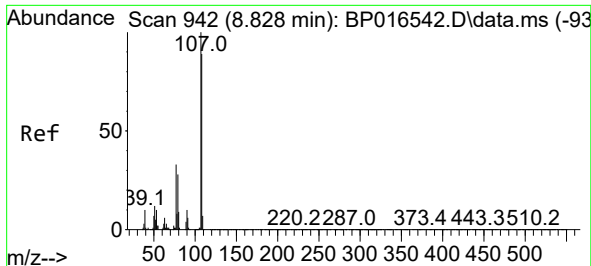
Tgt Ion:105 Resp: 7239944
Ion Ratio Lower Upper
105 100
77 74.0 61.0 91.4
51 21.7 18.7 28.1



#17
N-Nitroso-di-n-propylamine
Concen: 131.096 ng/ul
RT: 8.928 min Scan# 959
Delta R.T. 0.047 min
Lab File: BP016545.D
Acq: 10 Aug 2023 13:08

Tgt Ion: 70 Resp: 3458664
Ion Ratio Lower Upper
70 100
42 46.6 39.9 59.9
101 10.7 7.9 11.9
130 23.0 16.6 25.0

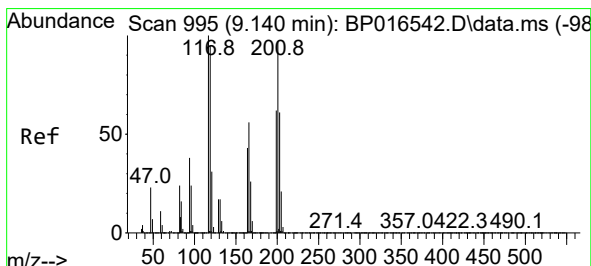
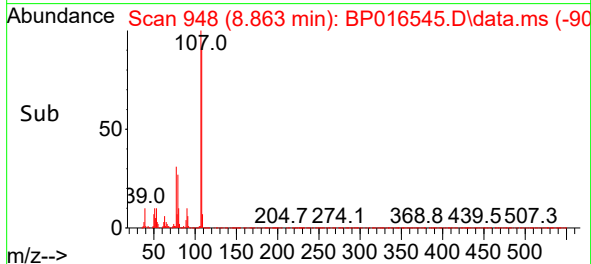
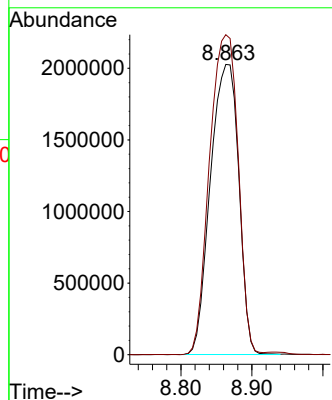
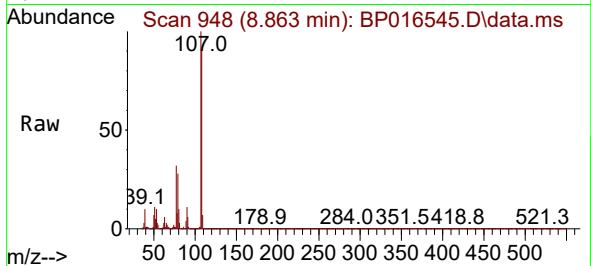




#18
4-Methylphenol
Concen: 157.204 ng/ul
RT: 8.863 min Scan# 942
Delta R.T. 0.035 min
Lab File: BP016545.D
Acq: 10 Aug 2023 13:08

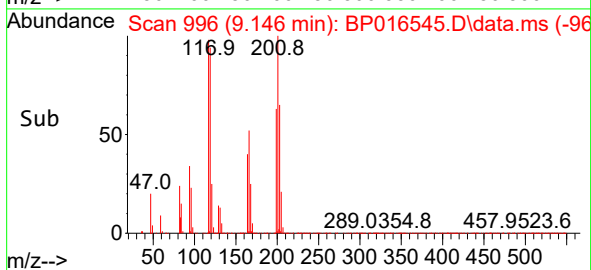
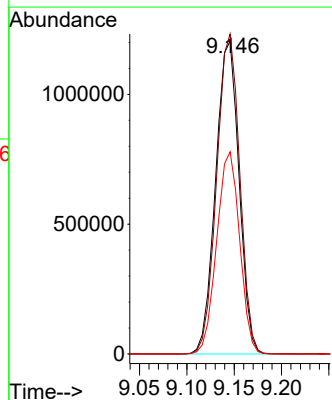
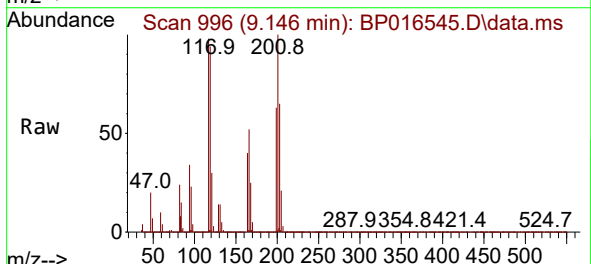
Instrument :
BNA_P
ClientSampleId :
SSTD160623

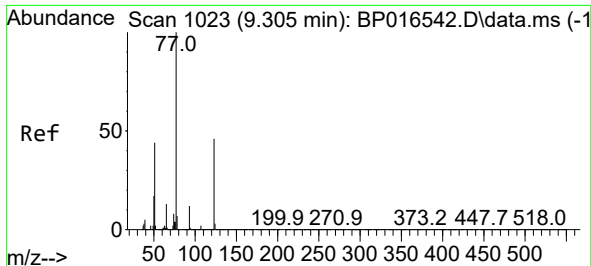
Tgt Ion:108 Resp: 5613734
Ion Ratio Lower Upper
108 100
107 110.3 89.5 134.3



#19
Hexachloroethane
Concen: 148.411 ng/ul
RT: 9.146 min Scan# 996
Delta R.T. 0.006 min
Lab File: BP016545.D
Acq: 10 Aug 2023 13:08

Tgt Ion:117 Resp: 2068254
Ion Ratio Lower Upper
117 100
201 102.2 77.2 115.8
199 64.6 49.2 73.8

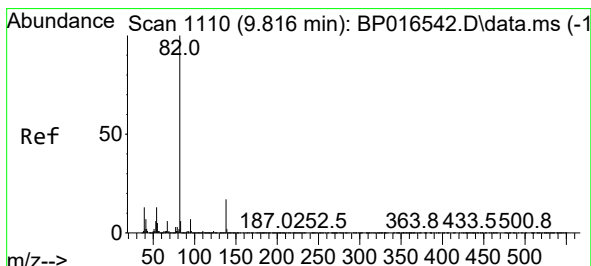
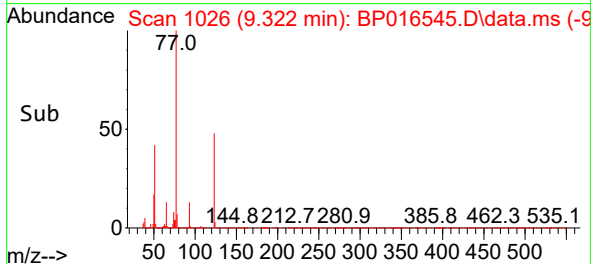
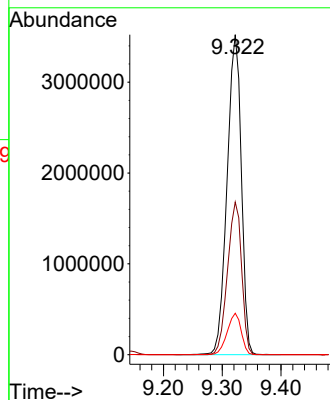
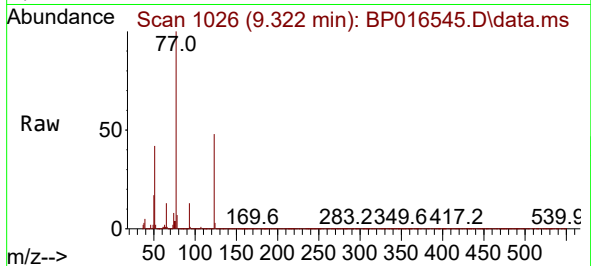




#22
Nitrobenzene
Concen: 146.996 ng/ul
RT: 9.322 min Scan# 1026
Delta R.T. 0.017 min
Lab File: BP016545.D
Acq: 10 Aug 2023 13:08

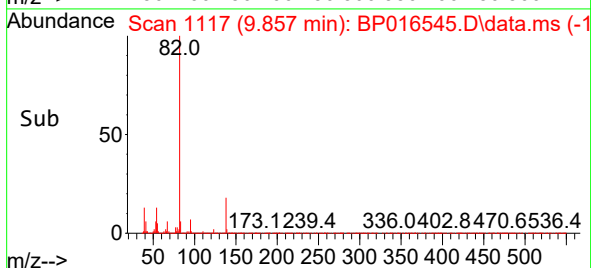
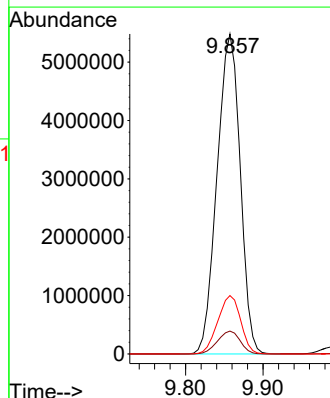
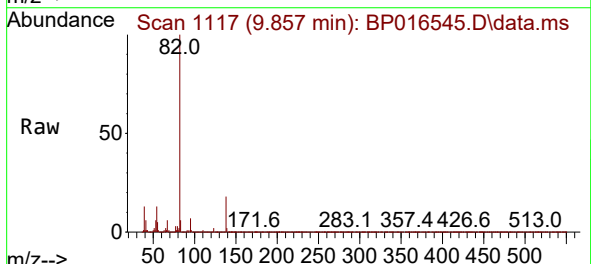
Instrument :
BNA_P
ClientSampleId :
SSTD160623

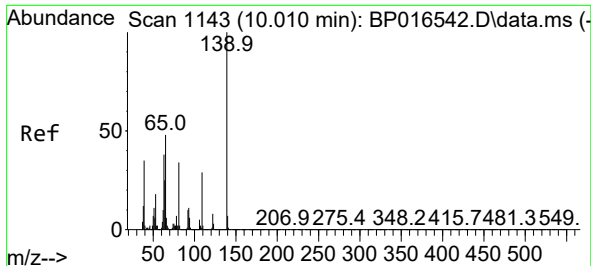
Tgt Ion: 77 Resp: 5904347
Ion Ratio Lower Upper
77 100
123 47.7 36.4 54.6
65 13.0 10.3 15.5



#23
Isophorone
Concen: 151.427 ng/ul
RT: 9.857 min Scan# 1117
Delta R.T. 0.041 min
Lab File: BP016545.D
Acq: 10 Aug 2023 13:08

Tgt Ion: 82 Resp: 11398895
Ion Ratio Lower Upper
82 100
95 7.2 5.4 8.0
138 18.2 13.6 20.4

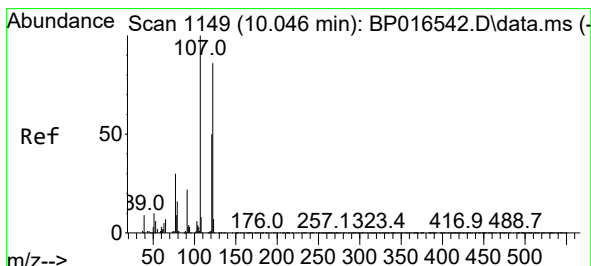
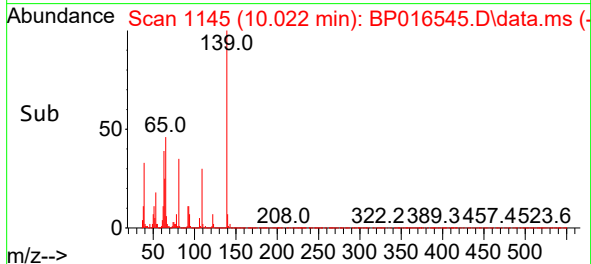
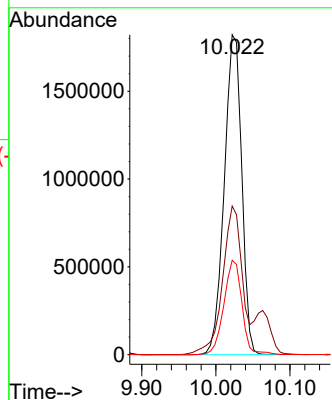
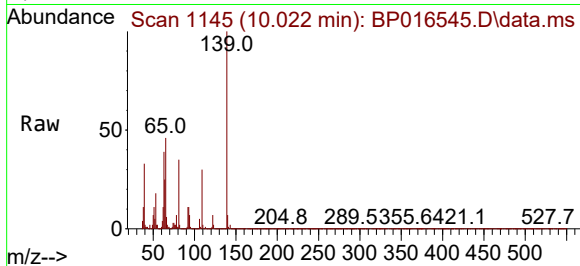




#25
2-Nitrophenol
Concen: 168.604 ng/ul
RT: 10.022 min Scan# 1115
Delta R.T. 0.012 min
Lab File: BP016545.D
Acq: 10 Aug 2023 13:08

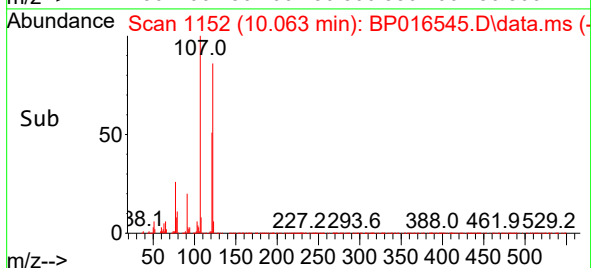
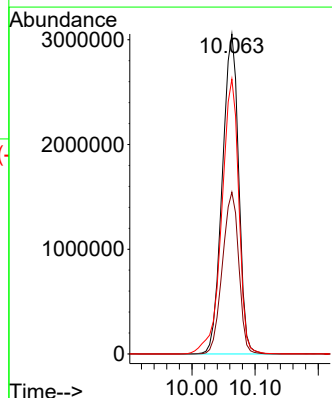
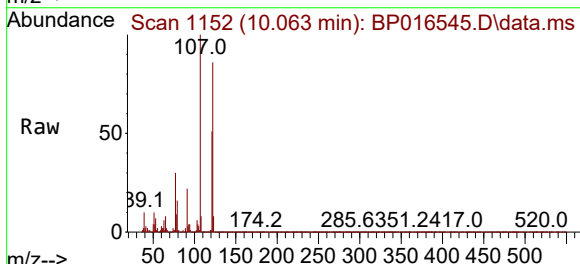
Instrument :
BNA_P
ClientSampleId :
SSTD160623

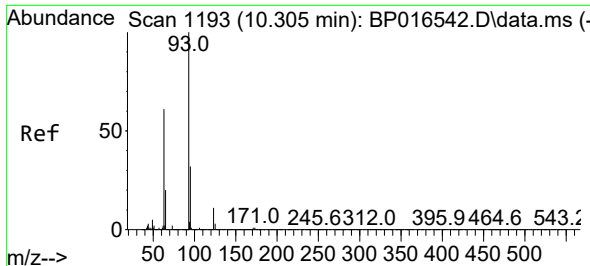
Tgt Ion:139 Resp: 2979717
Ion Ratio Lower Upper
139 100
65 46.4 38.9 58.3
109 29.5 23.1 34.7



#26
2,4-Dimethylphenol
Concen: 144.386 ng/ul
RT: 10.063 min Scan# 1152
Delta R.T. 0.017 min
Lab File: BP016545.D
Acq: 10 Aug 2023 13:08

Tgt Ion:107 Resp: 5497172
Ion Ratio Lower Upper
107 100
121 50.5 40.2 60.4
122 85.9 69.2 103.8

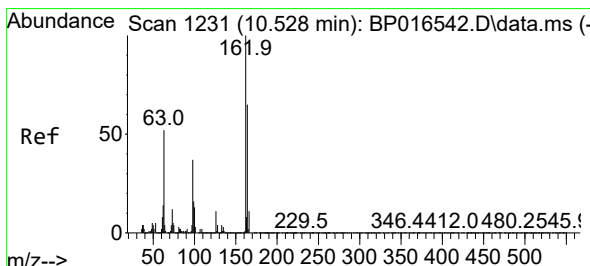
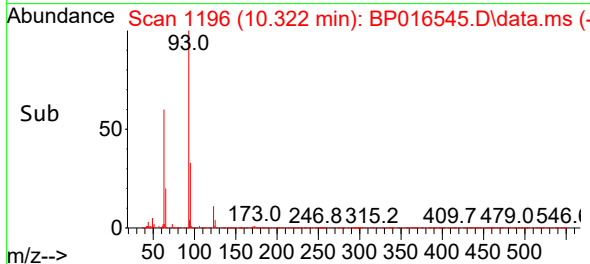
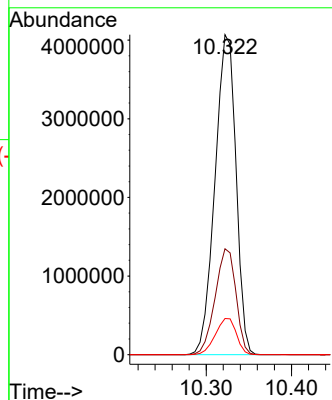
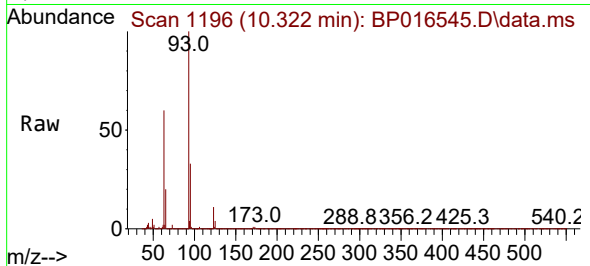




#27
 Bis(2-Chloroethoxy)methane
 Concen: 140.386 ng/ul
 RT: 10.322 min Scan# 1196
 Delta R.T. 0.017 min
 Lab File: BP016545.D
 Acq: 10 Aug 2023 13:08

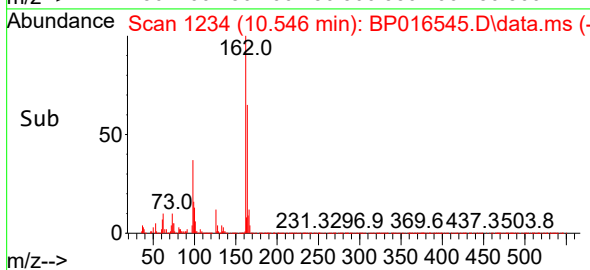
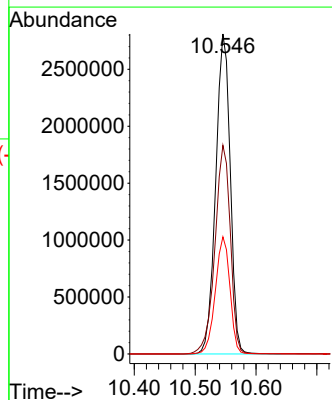
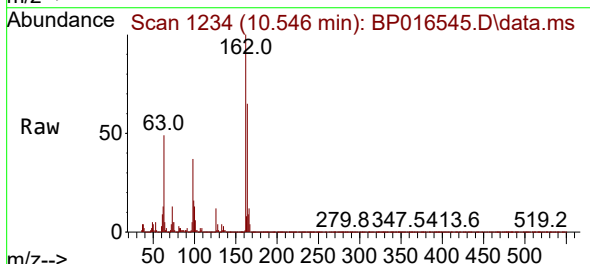
Instrument :
 BNA_P
 ClientSampleId :
 SSTD160623

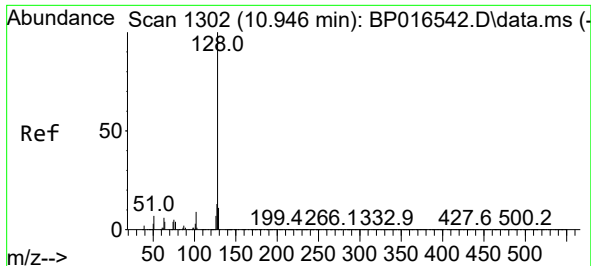
Tgt Ion: 93 Resp: 6964198
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.0 39.0
 123 11.3 9.0 13.6



#29
 2,4-Dichlorophenol
 Concen: 147.949 ng/ul
 RT: 10.546 min Scan# 1234
 Delta R.T. 0.017 min
 Lab File: BP016545.D
 Acq: 10 Aug 2023 13:08

Tgt Ion:162 Resp: 4654388
 Ion Ratio Lower Upper
 162 100
 164 65.2 52.5 78.7
 98 36.6 29.4 44.2

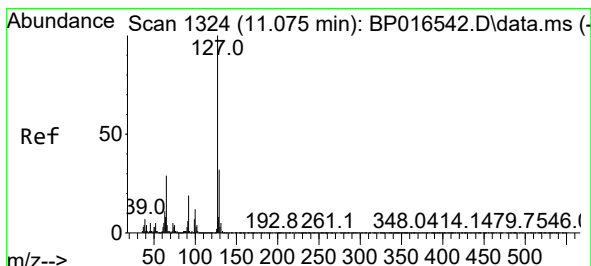
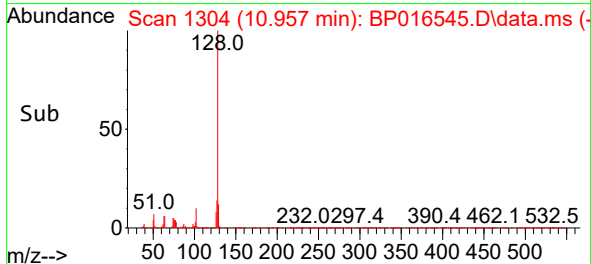
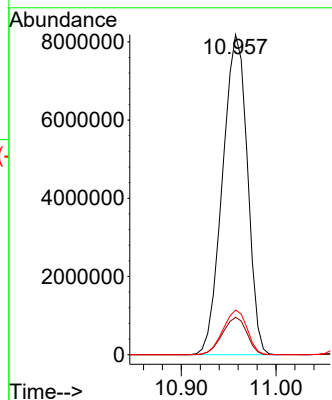
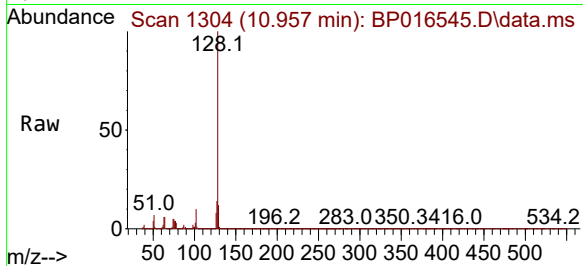




#30
Naphthalene
Concen: 131.579 ng/ul
RT: 10.957 min Scan# 11
Delta R.T. 0.012 min
Lab File: BP016545.D
Acq: 10 Aug 2023 13:08

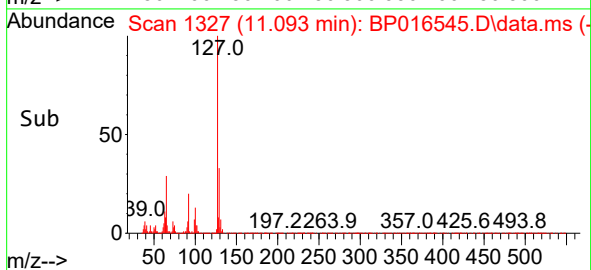
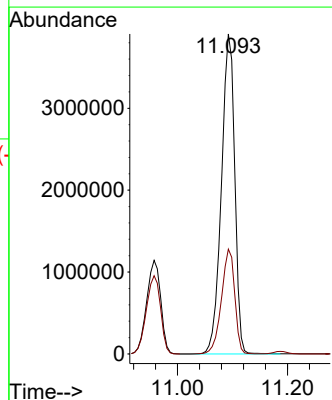
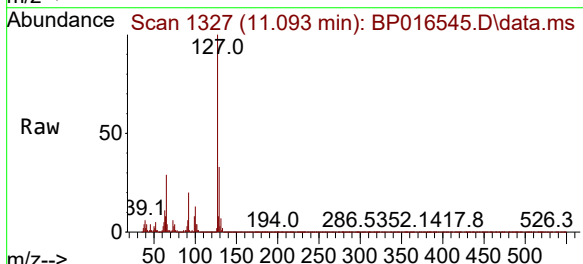
Instrument :
BNA_P
ClientSampleId :
SSTD160623

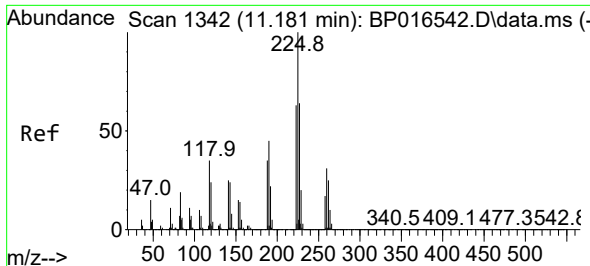
Tgt Ion:128 Resp:14919221
Ion Ratio Lower Upper
128 100
129 11.7 8.7 13.1
127 14.0 10.7 16.1



#32
4-Chloroaniline
Concen: 141.126 ng/ul
RT: 11.093 min Scan# 1327
Delta R.T. 0.017 min
Lab File: BP016545.D
Acq: 10 Aug 2023 13:08

Tgt Ion:127 Resp: 6565770
Ion Ratio Lower Upper
127 100
129 32.8 25.8 38.6

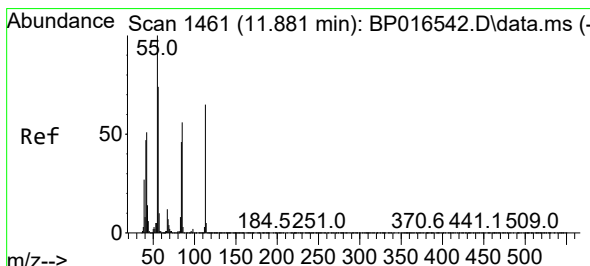
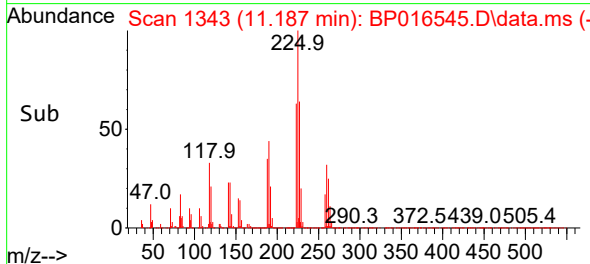
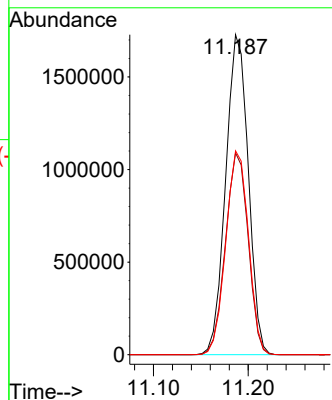
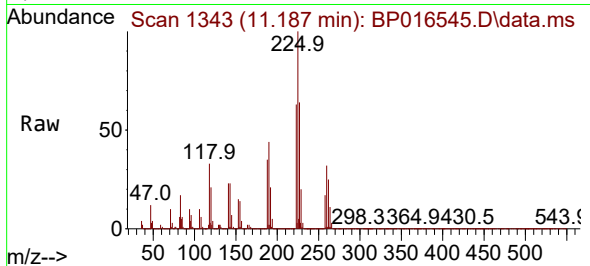




#33
Hexachlorobutadiene
Concen: 144.803 ng/ul
RT: 11.187 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP016545.D
Acq: 10 Aug 2023 13:08

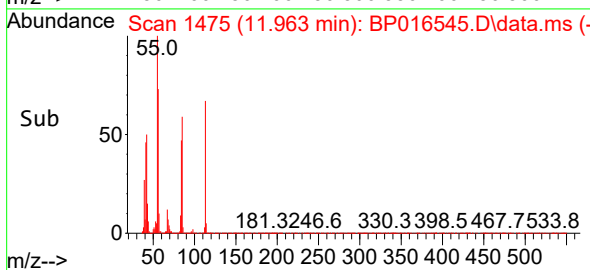
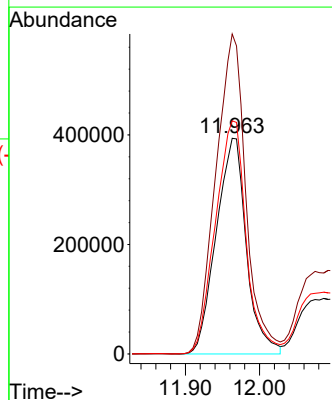
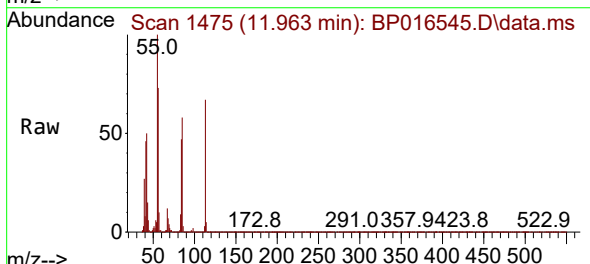
Instrument :
BNA_P
ClientSampleId :
SSTD160623

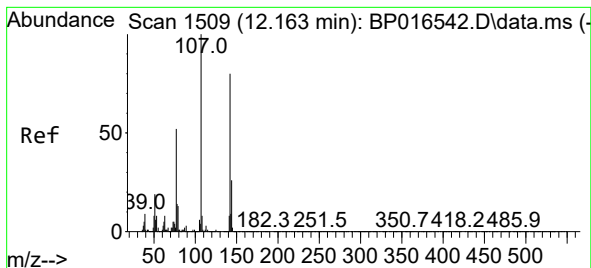
Tgt Ion:225 Resp: 2867109
Ion Ratio Lower Upper
225 100
223 63.0 50.4 75.6
227 63.7 51.5 77.3



#34
Caprolactam
Concen: 98.685 ng/ul
RT: 11.963 min Scan# 1475
Delta R.T. 0.082 min
Lab File: BP016545.D
Acq: 10 Aug 2023 13:08

Tgt Ion:113 Resp: 1110819
Ion Ratio Lower Upper
113 100
55 148.4 123.0 184.4
56 108.1 90.9 136.3

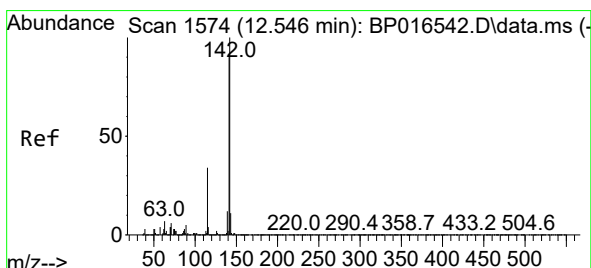
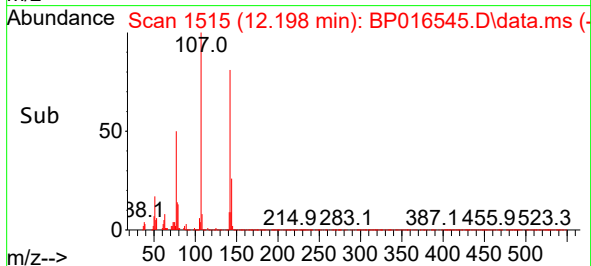
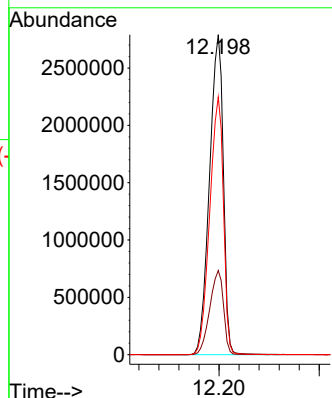
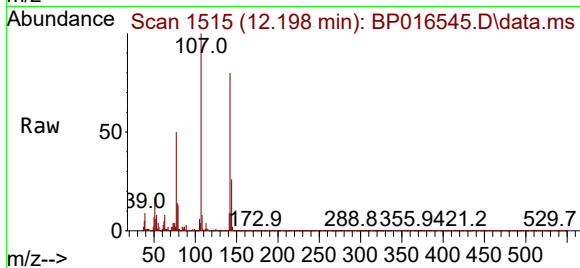




#35
4-Chloro-3-methylphenol
Concen: 156.127 ng/ul
RT: 12.198 min Scan# 1515
Delta R.T. 0.035 min
Lab File: BP016545.D
Acq: 10 Aug 2023 13:08

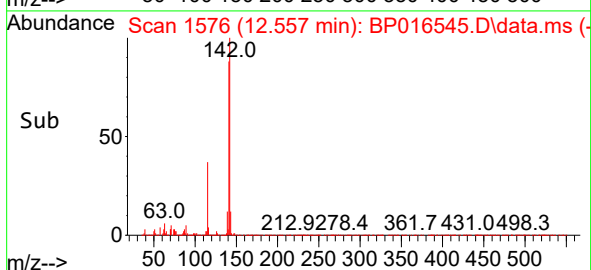
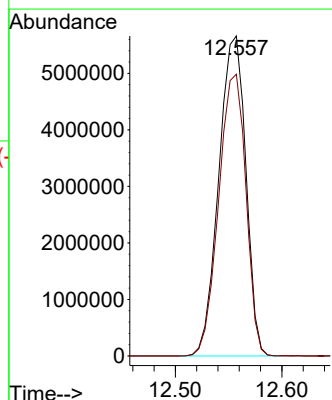
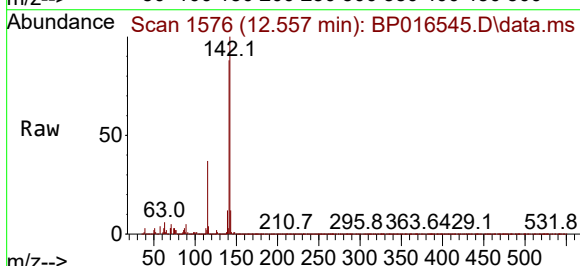
Instrument :
BNA_P
ClientSampleId :
SSTD160623

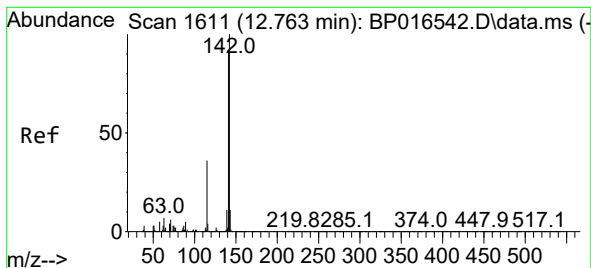
Tgt Ion:107 Resp: 5345033
Ion Ratio Lower Upper
107 100
144 26.3 20.7 31.1
142 80.5 64.0 96.0



#36
2-Methylnaphthalene
Concen: 131.968 ng/ul
RT: 12.557 min Scan# 1576
Delta R.T. 0.012 min
Lab File: BP016545.D
Acq: 10 Aug 2023 13:08

Tgt Ion:142 Resp: 9984774
Ion Ratio Lower Upper
142 100
141 88.1 71.7 107.5





#37

1-Methylnaphthalene

Concen: 131.059 ng/ul

RT: 12.775 min Scan# 1613

Delta R.T. 0.012 min

Lab File: BP016545.D

Acq: 10 Aug 2023 13:08

Instrument :

BNA_P

ClientSampleId :

SSTD160623

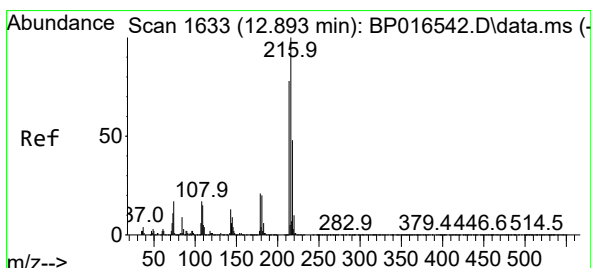
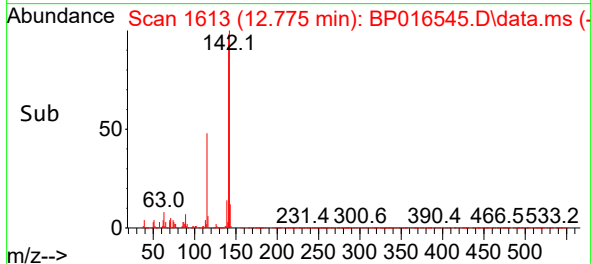
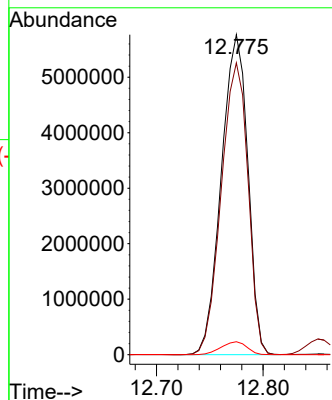
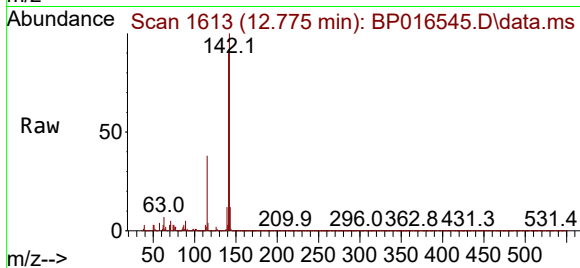
Tgt Ion:142 Resp: 9958504

Ion Ratio Lower Upper

142 100

141 91.2 73.2 109.8

116 4.0 3.0 4.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 137.551 ng/ul

RT: 12.904 min Scan# 1635

Delta R.T. 0.012 min

Lab File: BP016545.D

Acq: 10 Aug 2023 13:08

Tgt Ion:216 Resp: 5338034

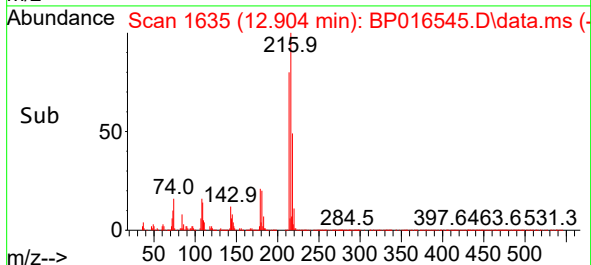
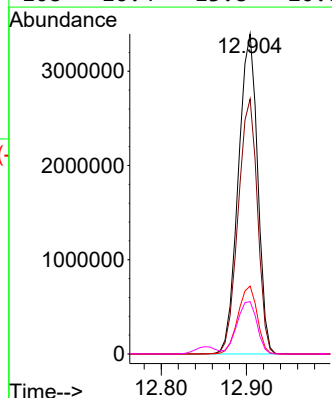
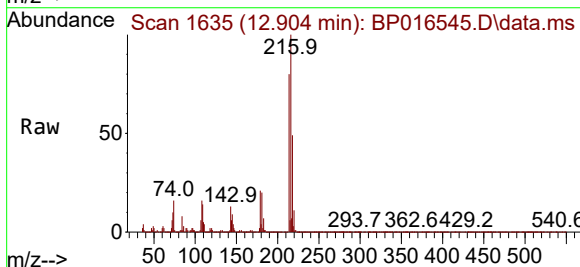
Ion Ratio Lower Upper

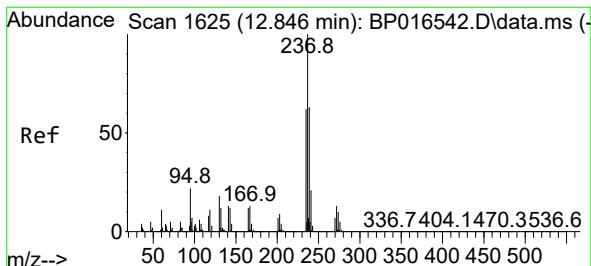
216 100

214 79.7 62.6 94.0

179 21.2 16.6 25.0

108 16.4 13.8 20.8





#40

Hexachlorocyclopentadiene

Concen: 162.173 ng/ul

RT: 12.851 min Scan# 1625

Delta R.T. 0.006 min

Lab File: BP016545.D

Acq: 10 Aug 2023 13:08

Instrument :

BNA_P

ClientSampleId :

SSTD160623

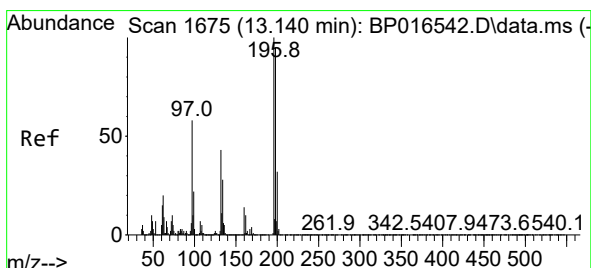
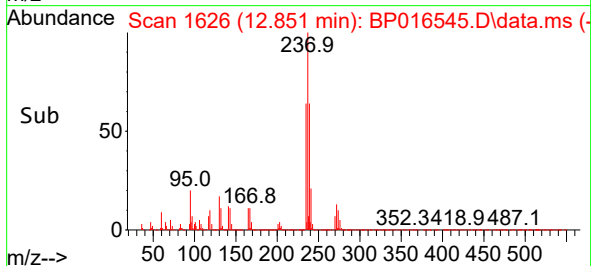
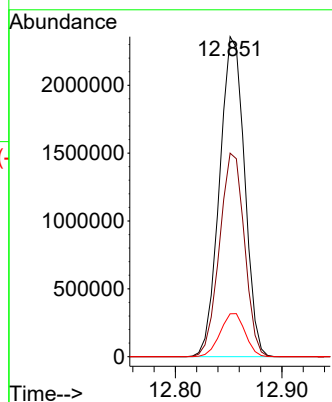
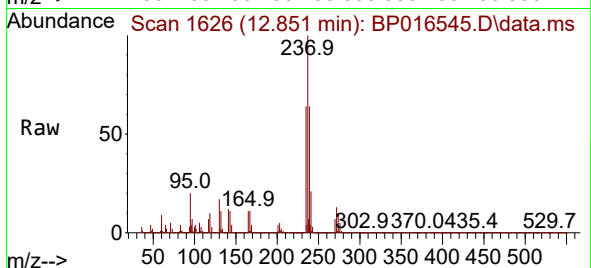
Tgt Ion:237 Resp: 3840180

Ion Ratio Lower Upper

237 100

235 63.6 49.3 73.9

272 13.4 10.7 16.1



#41

2,4,6-Trichlorophenol

Concen: 161.338 ng/ul

RT: 13.151 min Scan# 1677

Delta R.T. 0.012 min

Lab File: BP016545.D

Acq: 10 Aug 2023 13:08

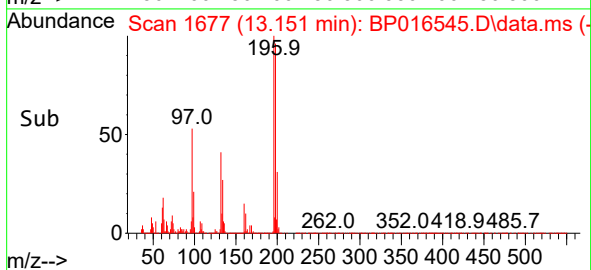
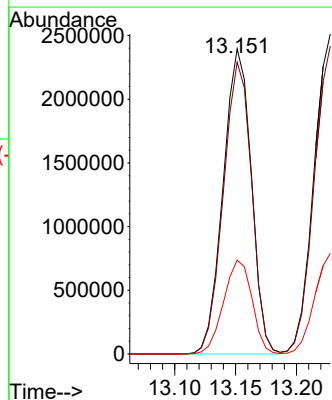
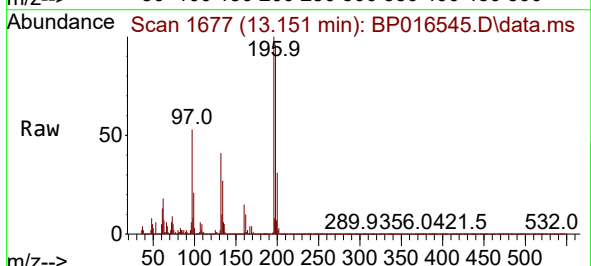
Tgt Ion:196 Resp: 3854687

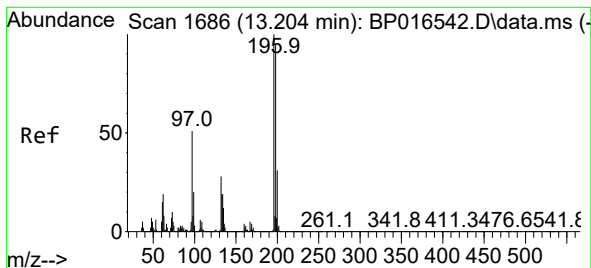
Ion Ratio Lower Upper

196 100

198 95.6 76.3 114.5

200 30.7 25.3 37.9





#42

2,4,5-Trichlorophenol

Concen: 159.078 ng/ul

RT: 13.228 min Scan# 1

Delta R.T. 0.023 min

Lab File: BP016545.D

Acq: 10 Aug 2023 13:08

Instrument :

BNA_P

ClientSampleId :

SSTD160623

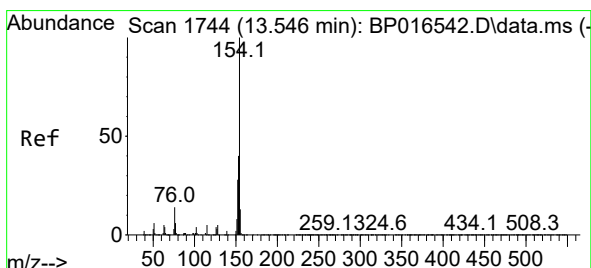
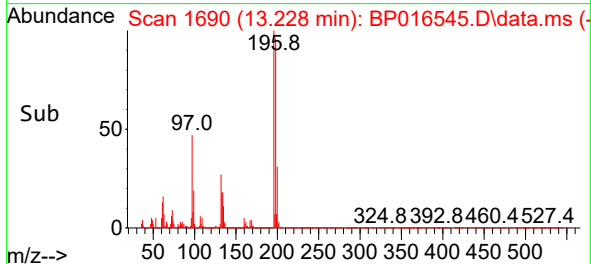
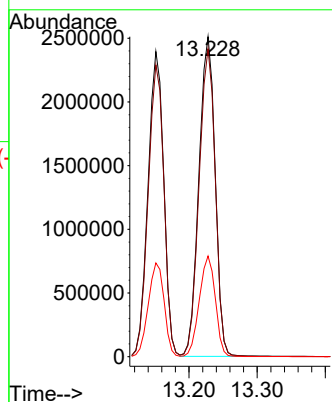
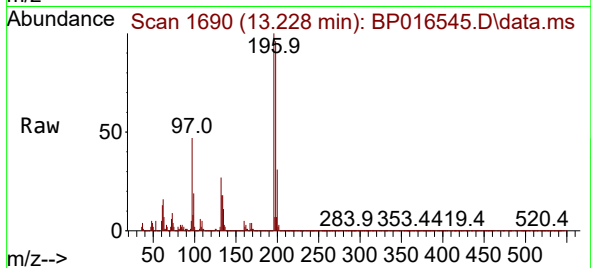
Tgt Ion:196 Resp: 4148410

Ion Ratio Lower Upper

196 100

198 96.2 75.7 113.5

200 31.5 24.6 37.0



#43

1,1'-Biphenyl

Concen: 122.733 ng/ul

RT: 13.563 min Scan# 1747

Delta R.T. 0.017 min

Lab File: BP016545.D

Acq: 10 Aug 2023 13:08

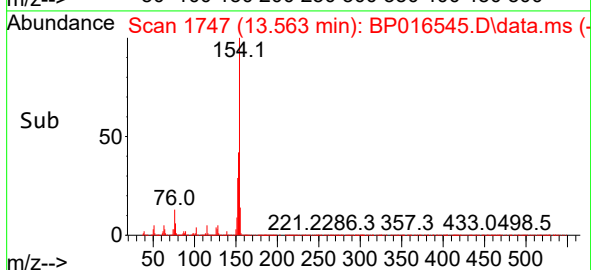
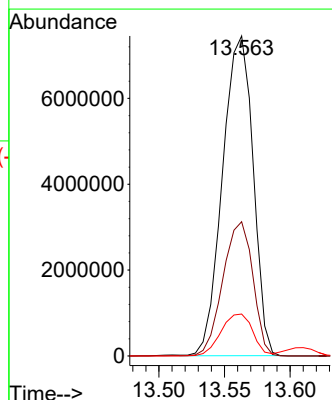
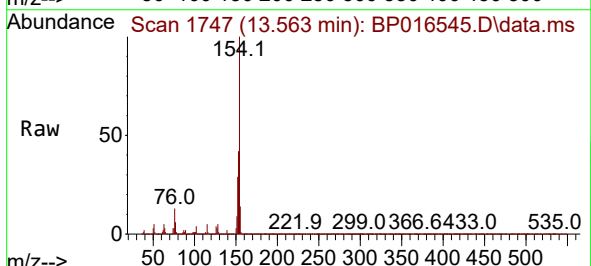
Tgt Ion:154 Resp:12081208

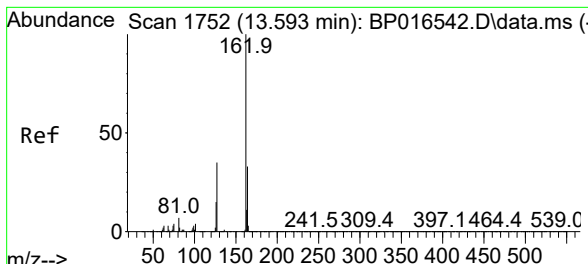
Ion Ratio Lower Upper

154 100

153 42.0 31.7 47.5

76 13.1 11.3 16.9



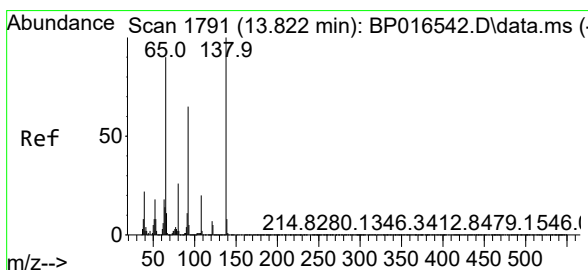
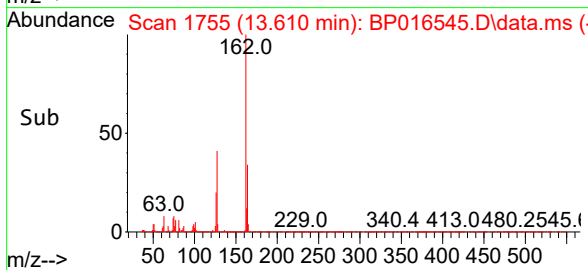
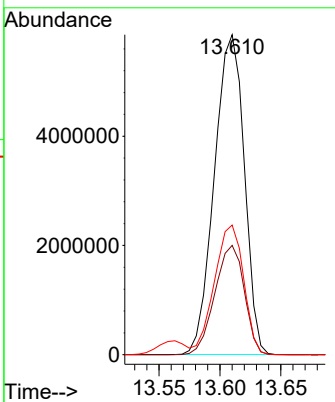
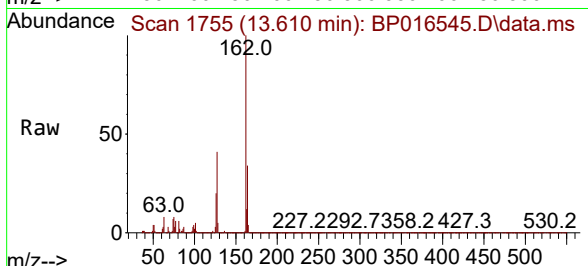


#44
 2-Chloronaphthalene
 Concen: 129.331 ng/ul
 RT: 13.610 min Scan# 1755
 Delta R.T. 0.017 min
 Lab File: BP016545.D
 Acq: 10 Aug 2023 13:08

Instrument :
 BNA_P
 ClientSampleId :
 SSTD160623

Tgt Ion:162 Resp:10010486

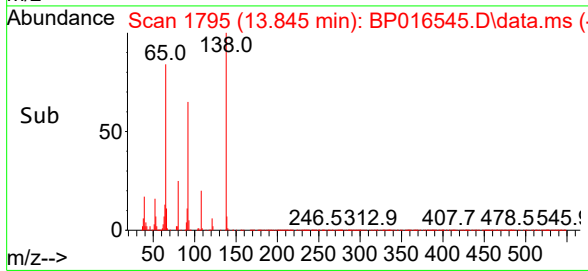
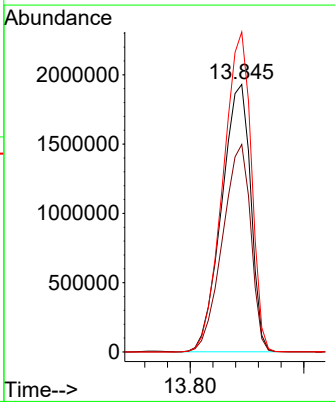
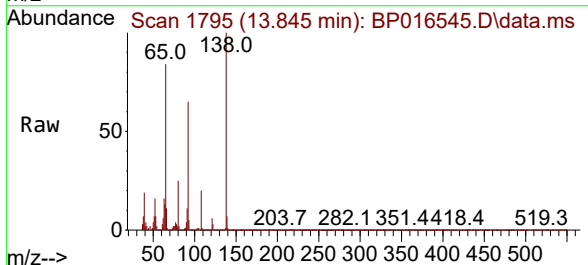
Ion	Ratio	Lower	Upper
162	100		
164	34.2	26.6	40.0
127	40.5	31.2	46.8

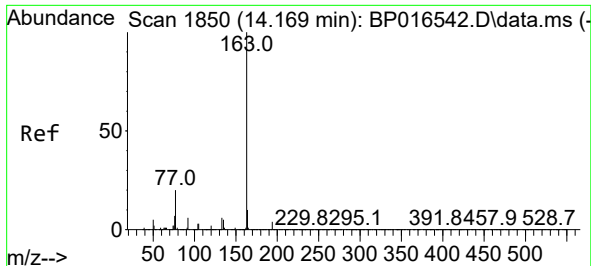


#45
 2-Nitroaniline
 Concen: 166.904 ng/ul
 RT: 13.845 min Scan# 1795
 Delta R.T. 0.023 min
 Lab File: BP016545.D
 Acq: 10 Aug 2023 13:08

Tgt Ion: 65 Resp: 3412960

Ion	Ratio	Lower	Upper
65	100		
92	77.6	58.0	87.0
138	119.6	88.6	132.8

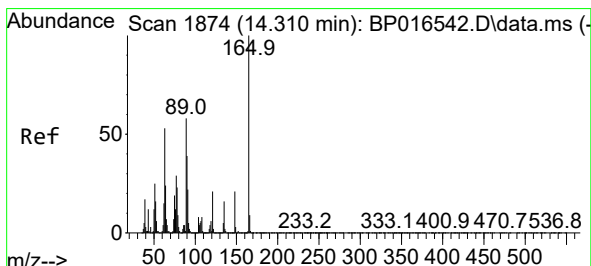
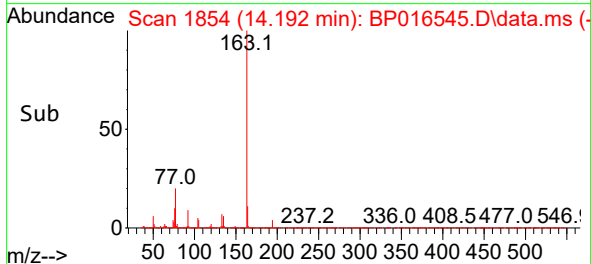
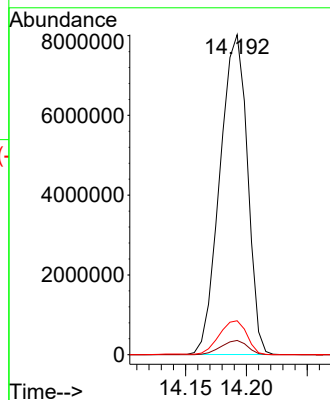
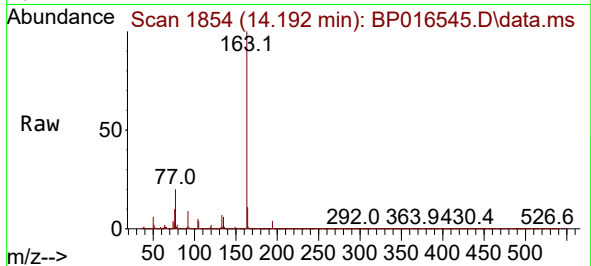




#47
Dimethylphthalate
Concen: 130.698 ng/ul
RT: 14.192 min Scan# 1854
Delta R.T. 0.023 min
Lab File: BP016545.D
Acq: 10 Aug 2023 13:08

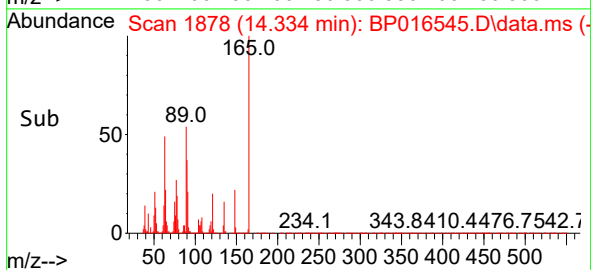
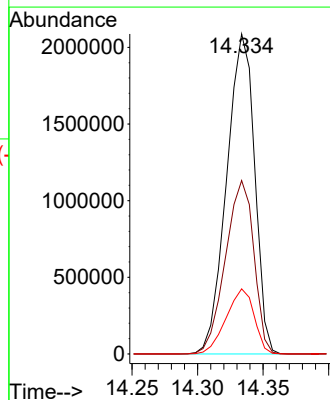
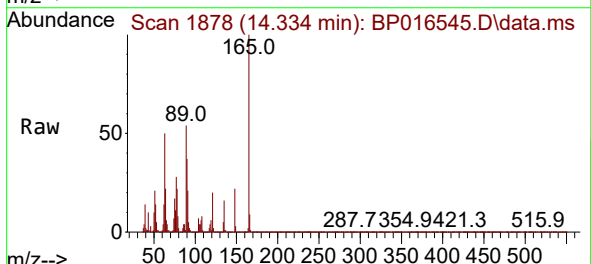
Instrument :
BNA_P
ClientSampleId :
SSTD160623

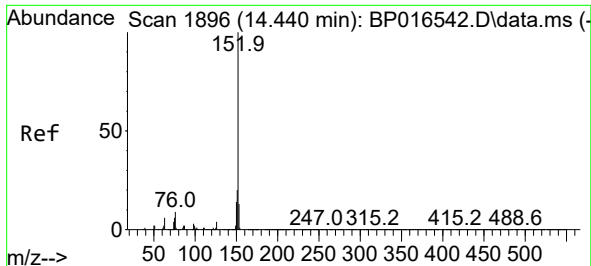
Tgt Ion:163 Resp:12603415
Ion Ratio Lower Upper
163 100
194 4.5 3.2 4.8
164 10.6 8.1 12.1



#48
2,6-Dinitrotoluene
Concen: 174.789 ng/ul
RT: 14.334 min Scan# 1878
Delta R.T. 0.023 min
Lab File: BP016545.D
Acq: 10 Aug 2023 13:08

Tgt Ion:165 Resp: 3096926
Ion Ratio Lower Upper
165 100
89 54.2 46.4 69.6
121 20.4 16.8 25.2

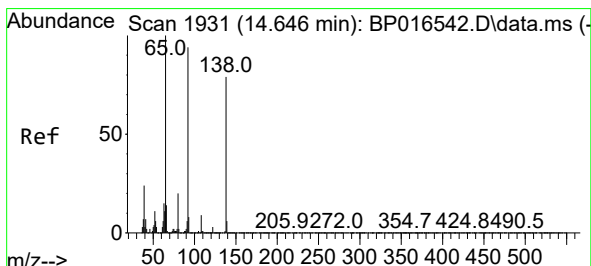
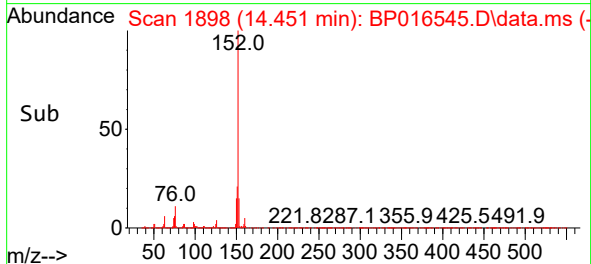
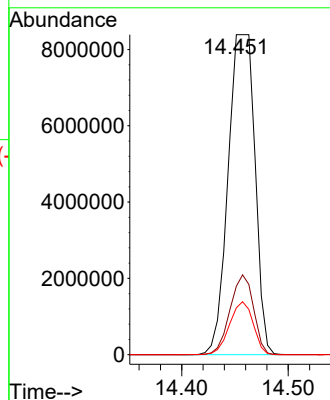
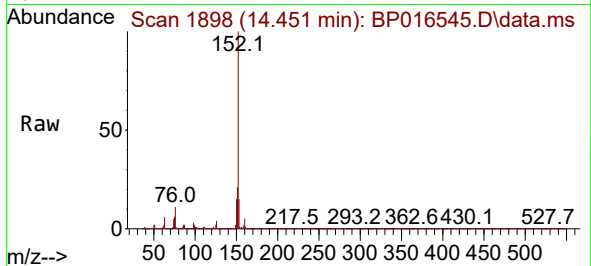




#50
Acenaphthylene
Concen: 116.635 ng/ul
RT: 14.451 min Scan# 1898
Delta R.T. 0.012 min
Lab File: BP016545.D
Acq: 10 Aug 2023 13:08

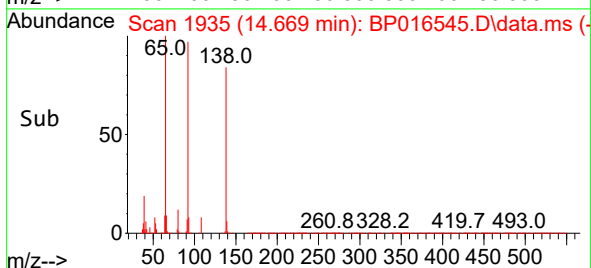
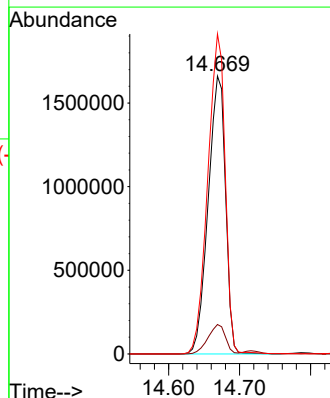
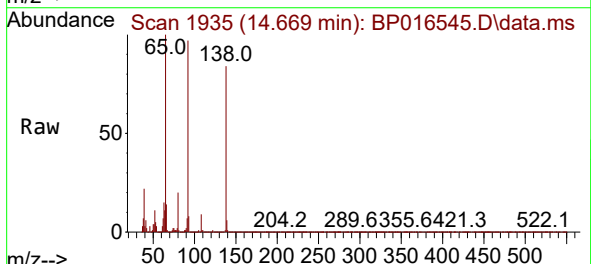
Instrument :
BNA_P
ClientSampleId :
SSTD160623

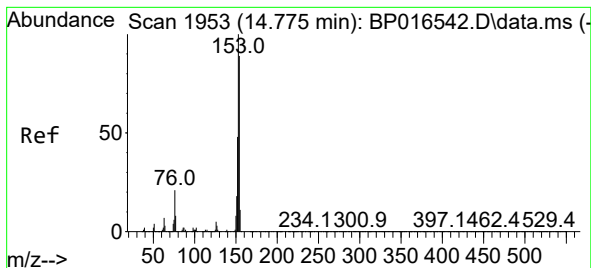
Tgt Ion:152 Resp:14754757
Ion Ratio Lower Upper
152 100
151 21.4 15.7 23.5
153 14.7 10.6 16.0



#51
3-Nitroaniline
Concen: 151.278 ng/ul
RT: 14.669 min Scan# 1935
Delta R.T. 0.023 min
Lab File: BP016545.D
Acq: 10 Aug 2023 13:08

Tgt Ion:138 Resp: 2826075
Ion Ratio Lower Upper
138 100
108 10.6 9.4 14.2
92 115.1 95.0 142.6





#52

Acenaphthene

Concen: 124.820 ng/ul

RT: 14.792 min Scan# 1956

Delta R.T. 0.017 min

Lab File: BP016545.D

Acq: 10 Aug 2023 13:08

Instrument :

BNA_P

ClientSampleId :

SSTD160623

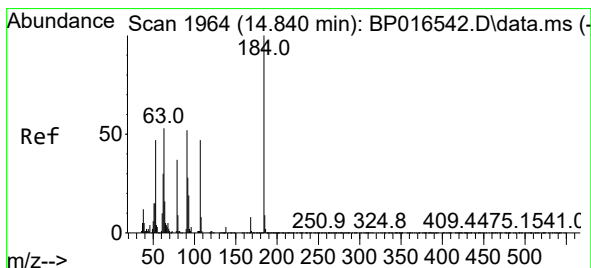
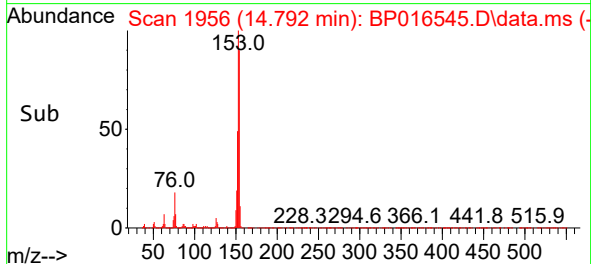
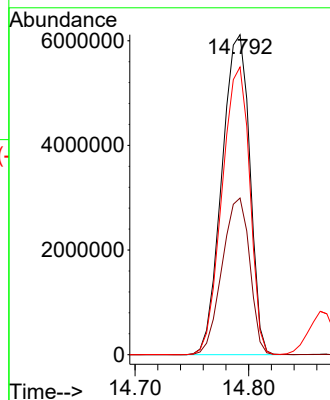
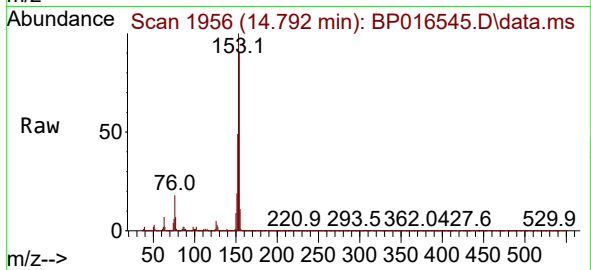
Tgt Ion:153 Resp:10435712

Ion Ratio Lower Upper

153 100

152 49.0 38.6 58.0

154 89.9 71.0 106.6



#53

2,4-Dinitrophenol

Concen: 217.265 ng/ul

RT: 14.863 min Scan# 1968

Delta R.T. 0.023 min

Lab File: BP016545.D

Acq: 10 Aug 2023 13:08

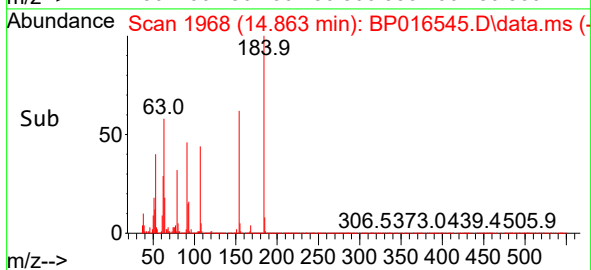
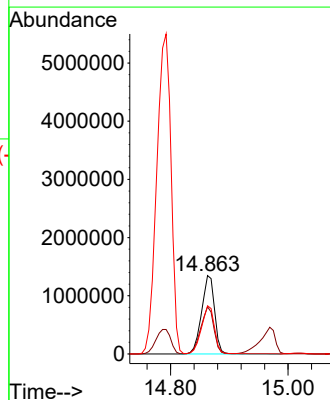
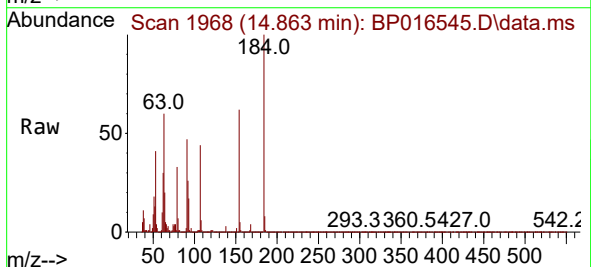
Tgt Ion:184 Resp: 2069560

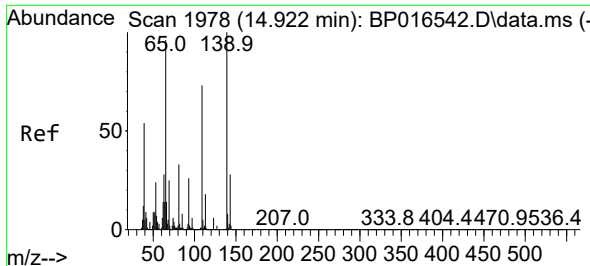
Ion Ratio Lower Upper

184 100

63 60.2 54.3 81.5

154 61.5 50.7 76.1

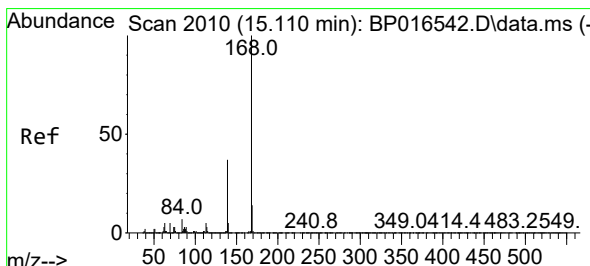
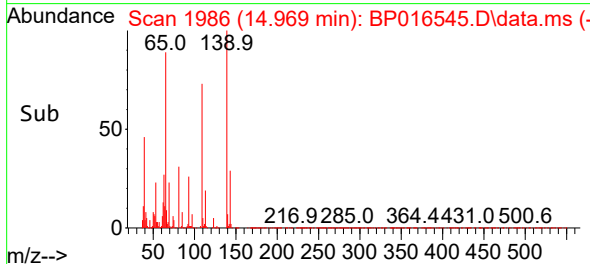
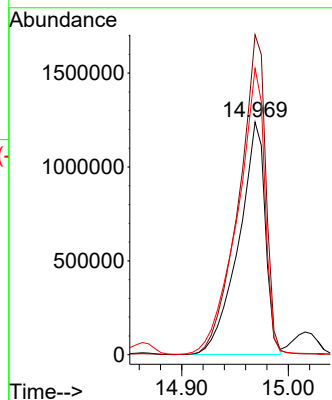
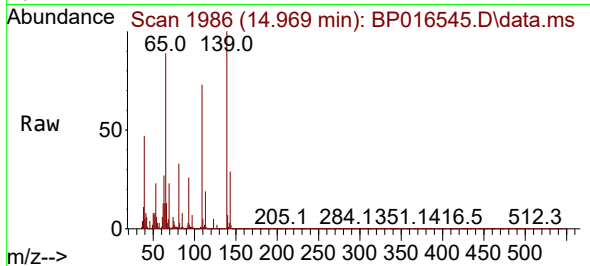




#55
4-Nitrophenol
Concen: 155.476 ng/ul
RT: 14.969 min Scan# 1978
Delta R.T. 0.047 min
Lab File: BP016545.D
Acq: 10 Aug 2023 13:08

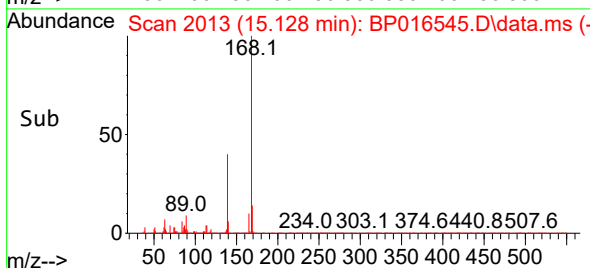
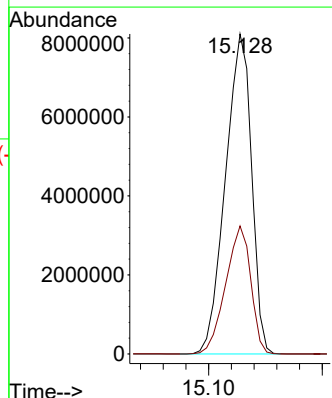
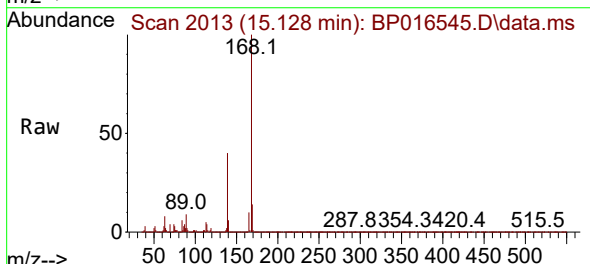
Instrument :
BNA_P
ClientSampleId :
SSTD160623

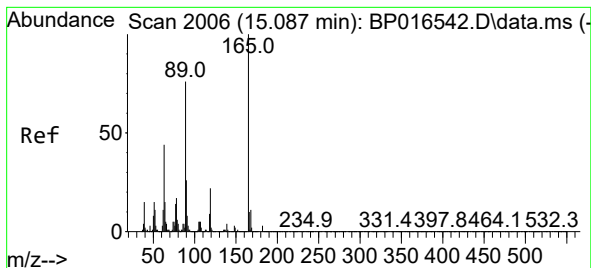
Tgt Ion:109 Resp: 2139336
Ion Ratio Lower Upper
109 100
139 137.5 109.4 164.0
65 123.0 105.4 158.2



#56
Dibenzofuran
Concen: 112.624 ng/ul
RT: 15.128 min Scan# 2013
Delta R.T. 0.017 min
Lab File: BP016545.D
Acq: 10 Aug 2023 13:08

Tgt Ion:168 Resp:12905795
Ion Ratio Lower Upper
168 100
139 40.0 29.4 44.0





#57

2,4-Dinitrotoluene

Concen: 147.058 ng/ul

RT: 15.116 min Scan# 2011

Delta R.T. 0.029 min

Lab File: BP016545.D

Acq: 10 Aug 2023 13:08

Instrument :

BNA_P

ClientSampleId :

SSTD160623

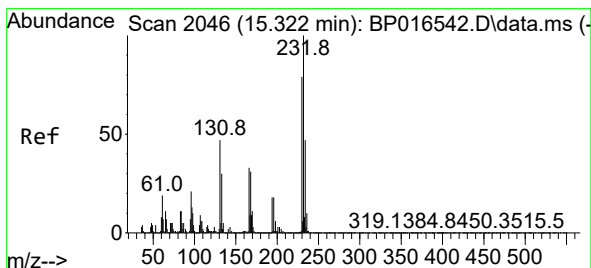
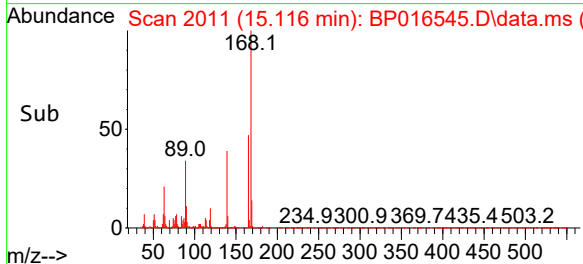
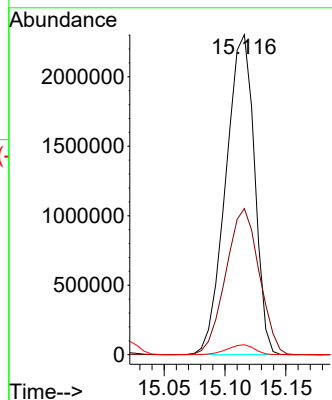
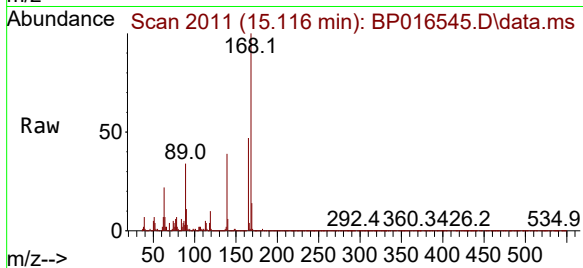
Tgt Ion:165 Resp: 3771908

Ion Ratio Lower Upper

165 100

63 45.6 35.3 52.9

182 3.1 2.0 3.0#



#58

2,3,4,6-Tetrachlorophenol

Concen: 161.291 ng/ul

RT: 15.339 min Scan# 2049

Delta R.T. 0.017 min

Lab File: BP016545.D

Acq: 10 Aug 2023 13:08

Tgt Ion:232 Resp: 3477381

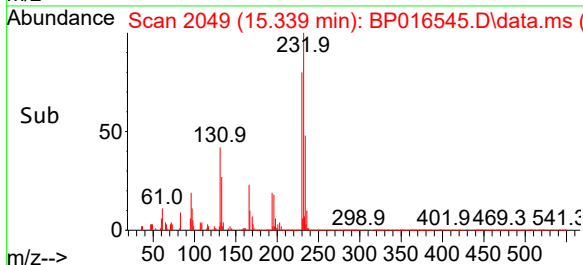
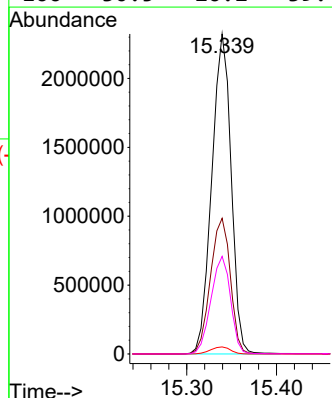
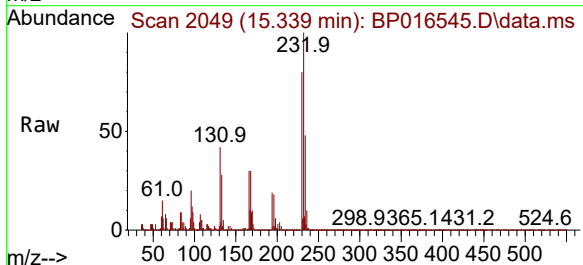
Ion Ratio Lower Upper

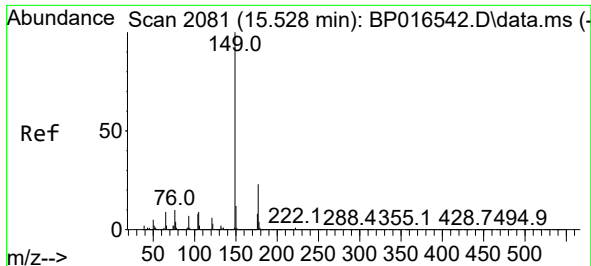
232 100

131 42.4 37.2 55.8

130 2.2 1.9 2.9

166 30.5 26.2 39.4

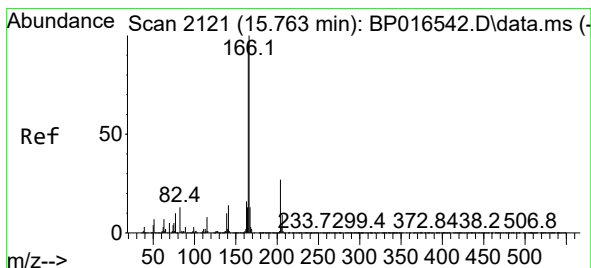
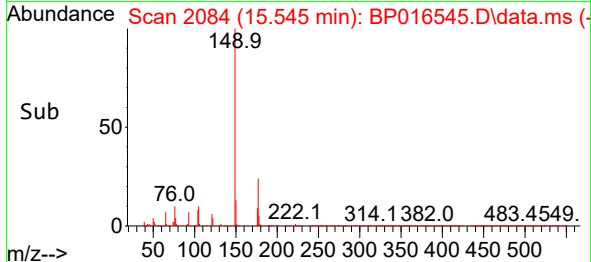
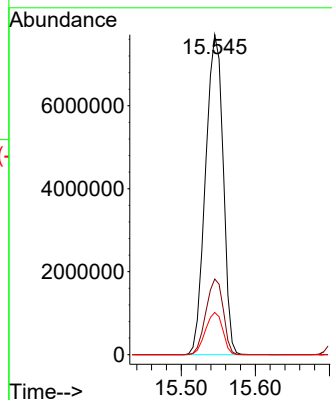
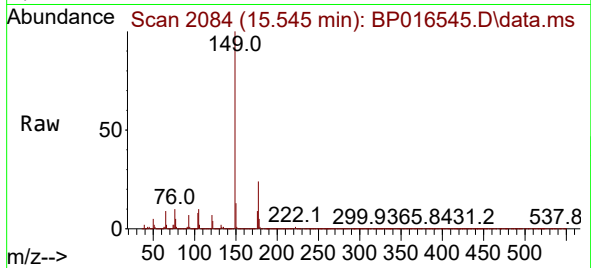




#59
Diethylphthalate
Concen: 133.328 ng/ul
RT: 15.545 min Scan# 2084
Delta R.T. 0.017 min
Lab File: BP016545.D
Acq: 10 Aug 2023 13:08

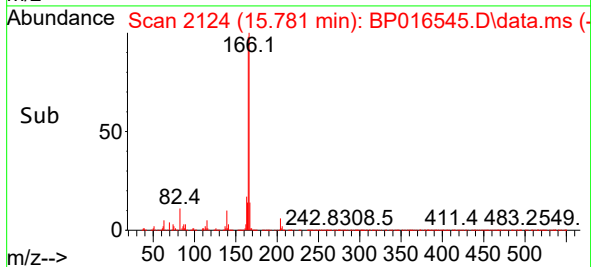
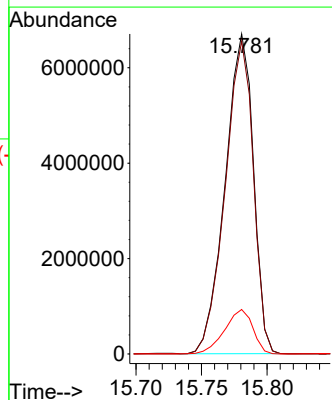
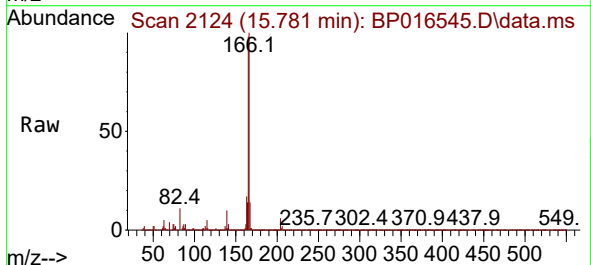
Instrument :
BNA_P
ClientSampleId :
SSTD160623

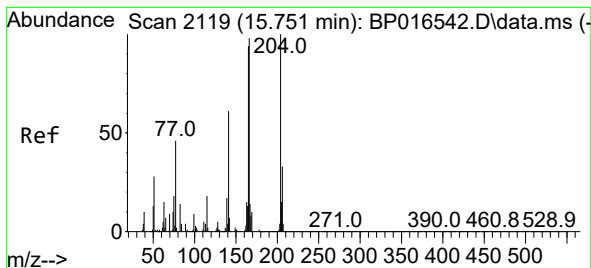
Tgt Ion:149 Resp:12734406
Ion Ratio Lower Upper
149 100
177 23.7 18.2 27.2
150 13.2 9.8 14.8



#61
Fluorene
Concen: 108.821 ng/ul
RT: 15.781 min Scan# 2124
Delta R.T. 0.017 min
Lab File: BP016545.D
Acq: 10 Aug 2023 13:08

Tgt Ion:166 Resp:10064500
Ion Ratio Lower Upper
166 100
165 97.8 77.3 115.9
167 13.9 10.7 16.1

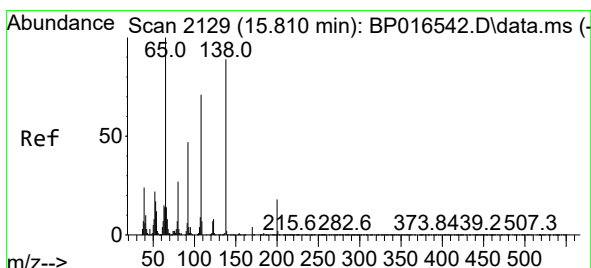
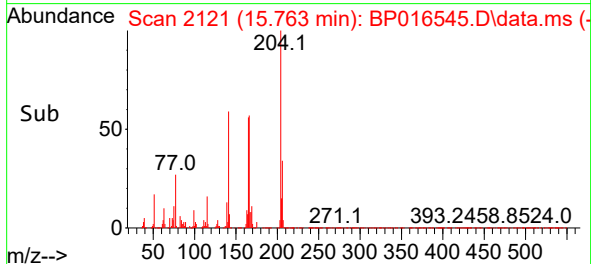
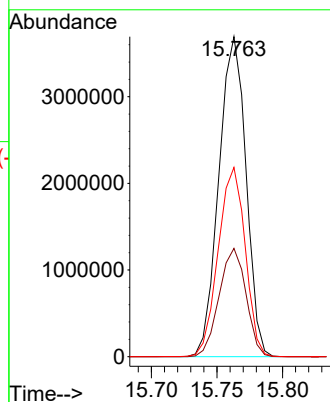
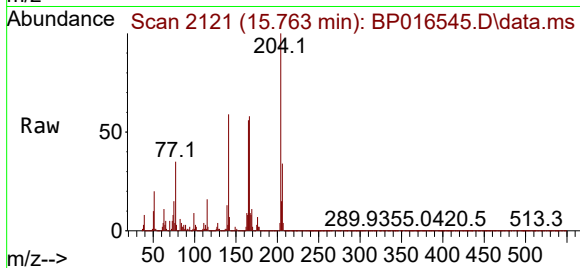




#62
4-Chlorophenyl-phenylether
Concen: 117.111 ng/ul
RT: 15.763 min Scan# 2119
Delta R.T. 0.012 min
Lab File: BP016545.D
Acq: 10 Aug 2023 13:08

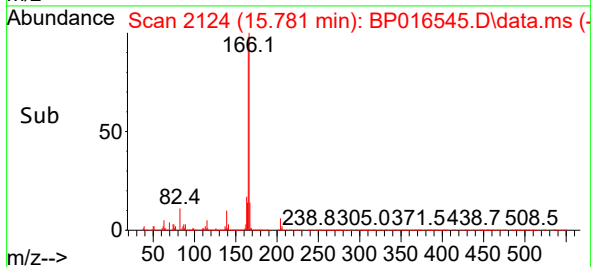
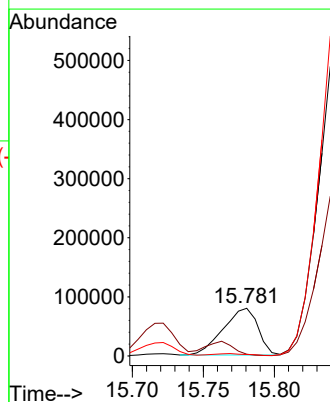
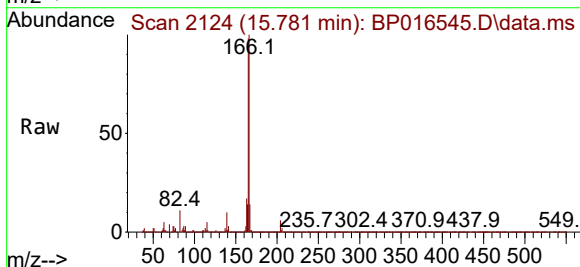
Instrument :
BNA_P
ClientSampleId :
SSTD160623

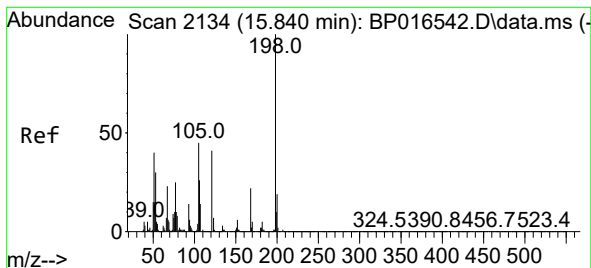
Tgt Ion:204 Resp: 5315379
Ion Ratio Lower Upper
204 100
206 33.9 26.4 39.6
141 59.2 48.6 73.0



#63
4-Nitroaniline
Concen: 7.970 ng/ul
RT: 15.781 min Scan# 2124
Delta R.T. -0.030 min
Lab File: BP016545.D
Acq: 10 Aug 2023 13:08

Tgt Ion:138 Resp: 134704
Ion Ratio Lower Upper
138 100
92 3.8 42.2 63.4#
108 3.2 64.0 96.0#

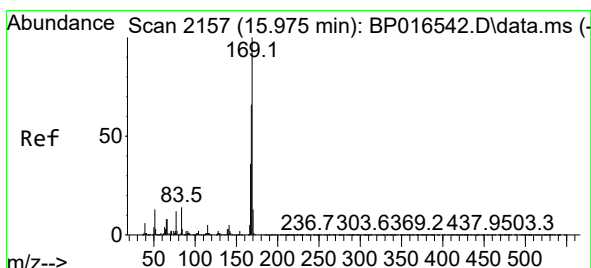
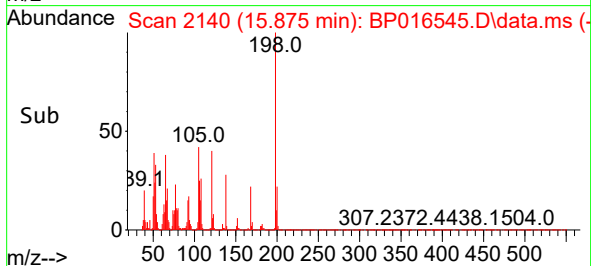
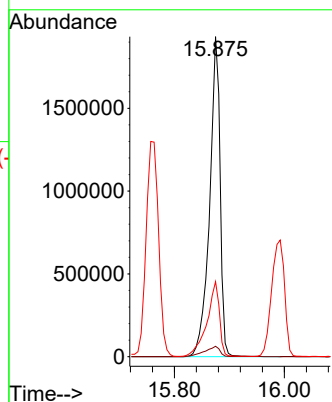
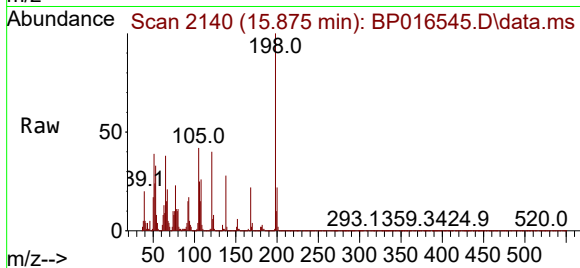




#66
4,6-Dinitro-2-methylphenol
Concen: 166.976 ng/ul
RT: 15.875 min Scan# 2134
Delta R.T. 0.035 min
Lab File: BP016545.D
Acq: 10 Aug 2023 13:08

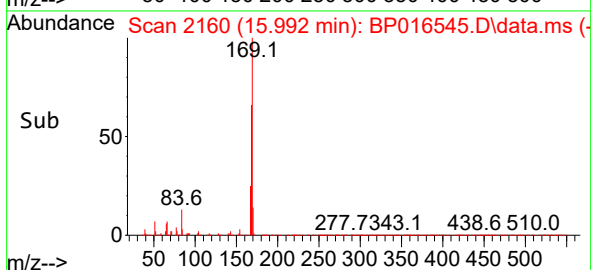
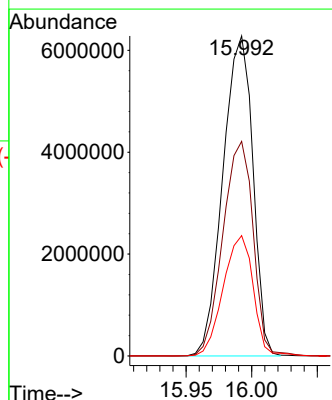
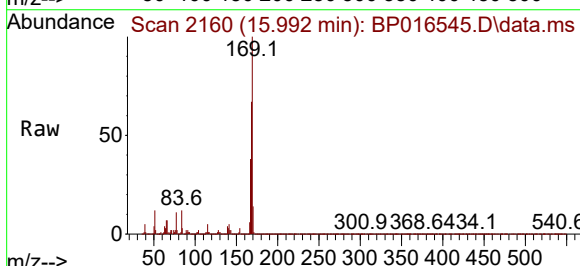
Instrument :
BNA_P
ClientSampleId :
SSTD160623

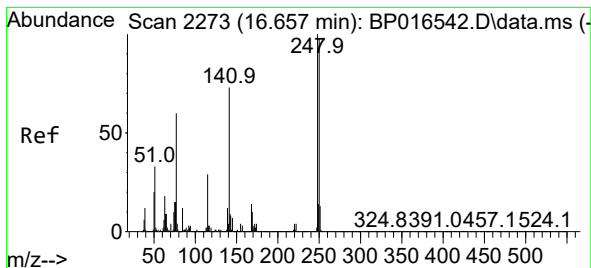
Tgt Ion:198 Resp: 2557367
Ion Ratio Lower Upper
198 100
182 3.2 3.8 5.8#
77 23.5 20.5 30.7



#67
N-Nitrosodiphenylamine
Concen: 124.963 ng/ul
RT: 15.992 min Scan# 2160
Delta R.T. 0.017 min
Lab File: BP016545.D
Acq: 10 Aug 2023 13:08

Tgt Ion:169 Resp: 9981221
Ion Ratio Lower Upper
169 100
168 67.0 53.0 79.6
167 37.6 29.0 43.6

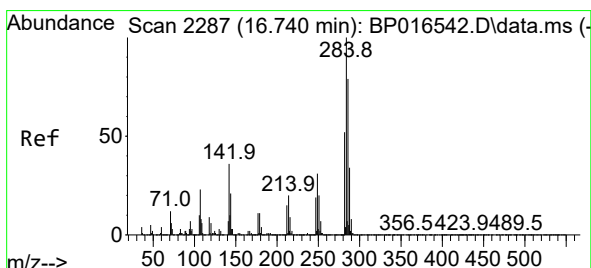
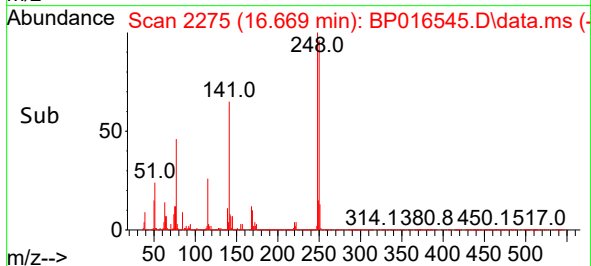
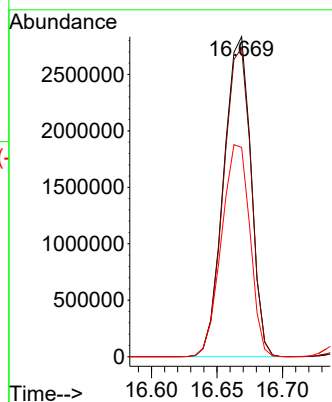
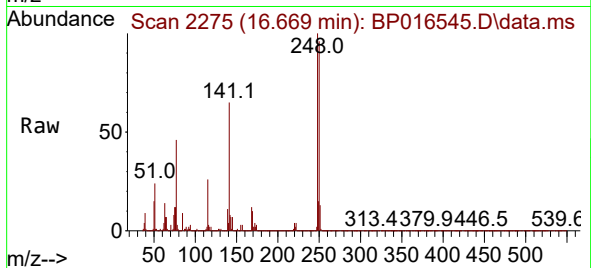




#68
4-Bromophenyl-phenylether
Concen: 144.666 ng/ul
RT: 16.669 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP016545.D
Acq: 10 Aug 2023 13:08

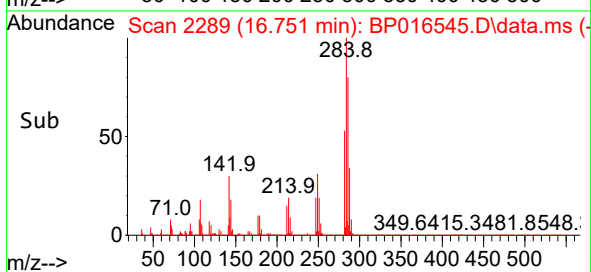
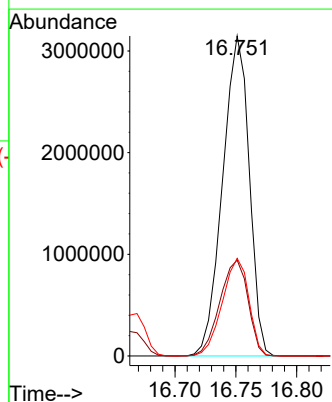
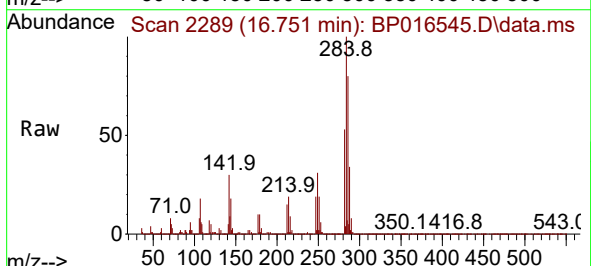
Instrument :
BNA_P
ClientSampleId :
SSTD160623

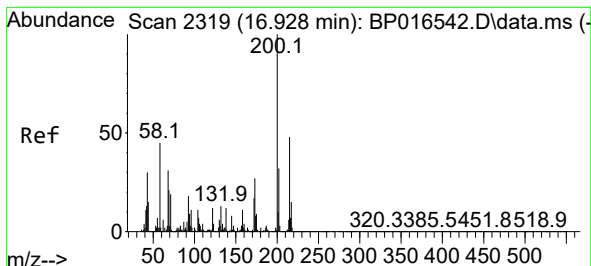
Tgt Ion:248 Resp: 4109441
Ion Ratio Lower Upper
248 100
250 96.5 78.2 117.4
141 65.4 58.4 87.6



#69
Hexachlorobenzene
Concen: 143.387 ng/ul
RT: 16.751 min Scan# 2289
Delta R.T. 0.012 min
Lab File: BP016545.D
Acq: 10 Aug 2023 13:08

Tgt Ion:284 Resp: 4785843
Ion Ratio Lower Upper
284 100
142 30.0 28.6 42.8
249 30.5 24.6 37.0





#70

Atrazine

Concen: 145.674 ng/ul

RT: 16.951 min Scan# 21

Delta R.T. 0.023 min

Lab File: BP016545.D

Acq: 10 Aug 2023 13:08

Instrument :

BNA_P

ClientSampleId :

SSTD160623

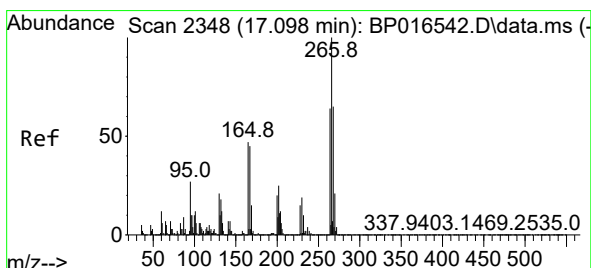
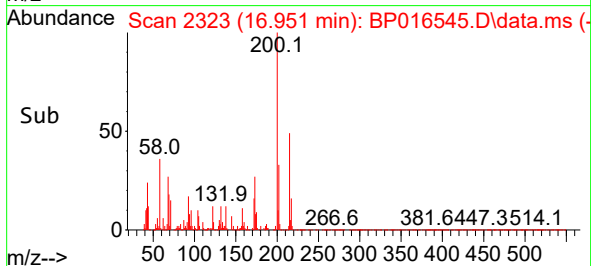
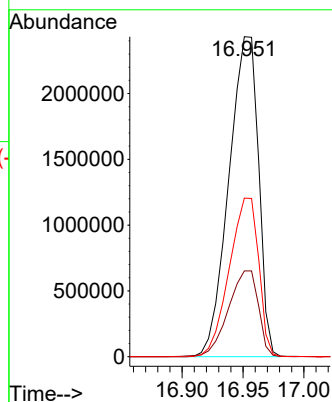
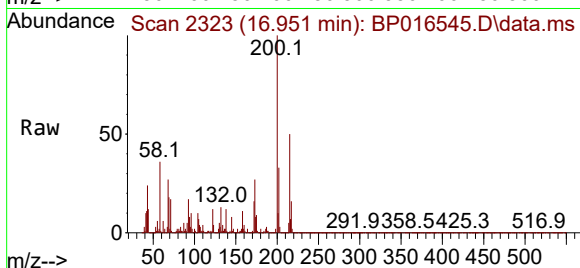
Tgt Ion:200 Resp: 4113783

Ion Ratio Lower Upper

200 100

173 26.8 21.4 32.2

215 49.5 38.0 57.0



#71

Pentachlorophenol

Concen: 166.263 ng/ul

RT: 17.110 min Scan# 2350

Delta R.T. 0.012 min

Lab File: BP016545.D

Acq: 10 Aug 2023 13:08

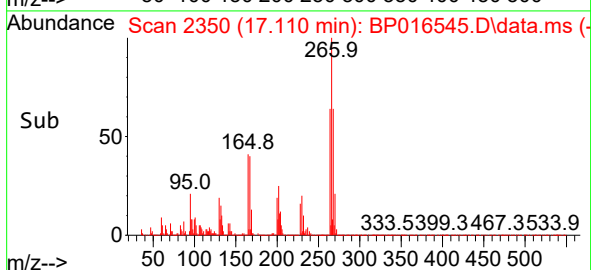
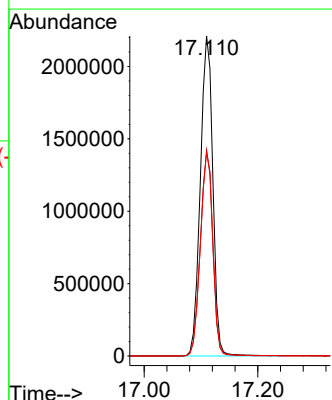
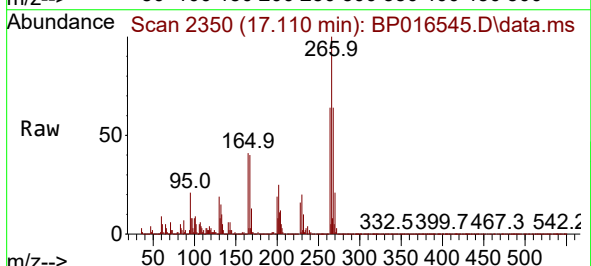
Tgt Ion:266 Resp: 3380159

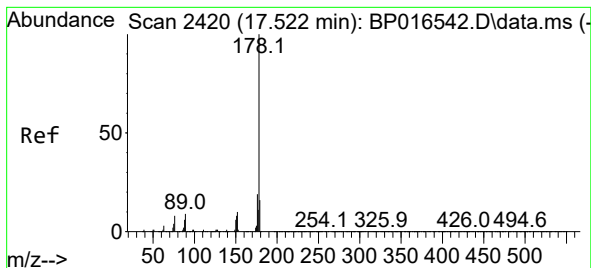
Ion Ratio Lower Upper

266 100

264 64.4 51.4 77.2

268 63.6 51.6 77.4





#72

Phenanthrene

Concen: 101.093 ng/ul

RT: 17.628 min Scan# 24

Delta R.T. 0.106 min

Lab File: BP016545.D

Acq: 10 Aug 2023 13:08

Instrument :

BNA_P

ClientSampleId :

SSTD160623

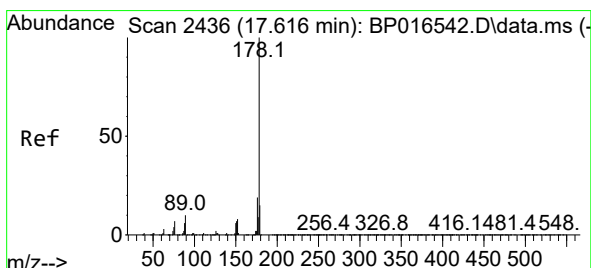
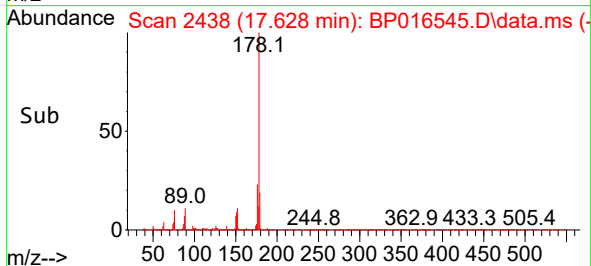
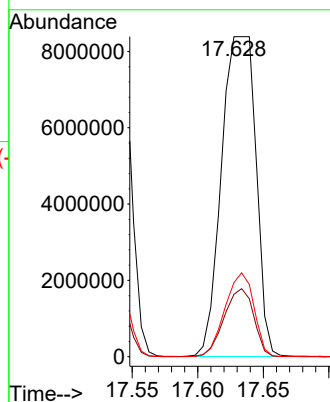
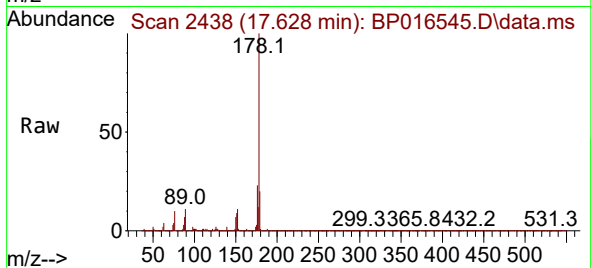
Tgt Ion:178 Resp:15330432

Ion Ratio Lower Upper

178 100

179 19.5 12.6 18.8#

176 23.2 15.5 23.3



#74

Anthracene

Concen: 101.308 ng/ul

RT: 17.628 min Scan# 2438

Delta R.T. 0.012 min

Lab File: BP016545.D

Acq: 10 Aug 2023 13:08

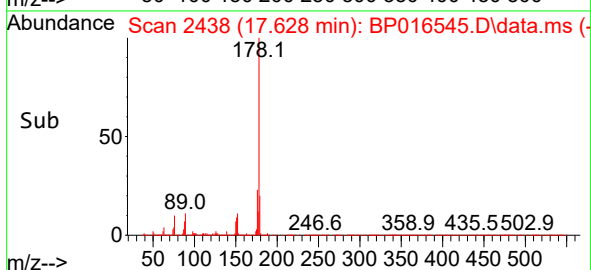
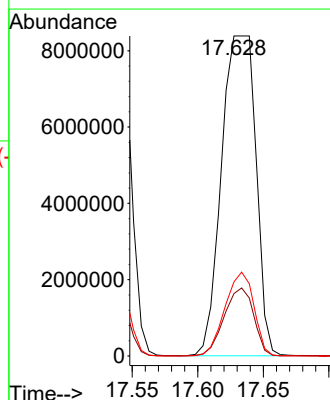
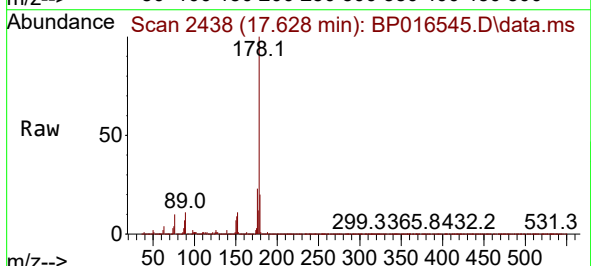
Tgt Ion:178 Resp:15330432

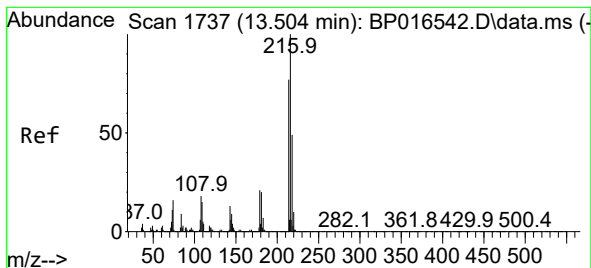
Ion Ratio Lower Upper

178 100

179 19.5 12.3 18.5#

176 23.2 15.0 22.4#





#75

1,2,3,4-Tetrachlorobenzene

Concen: 138.413 ng/uL

RT: 13.510 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP016545.D

Acq: 10 Aug 2023 13:08

Instrument :

BNA_P

ClientSampleId :

SSTD160623

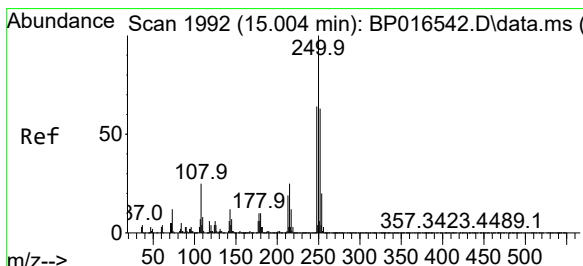
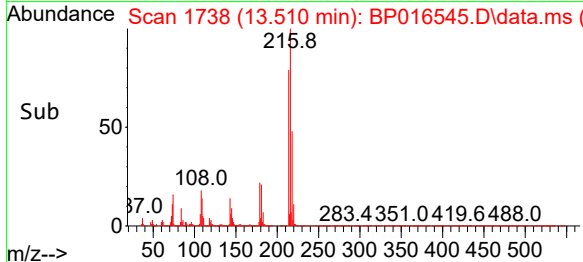
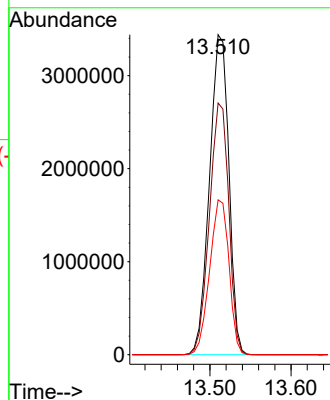
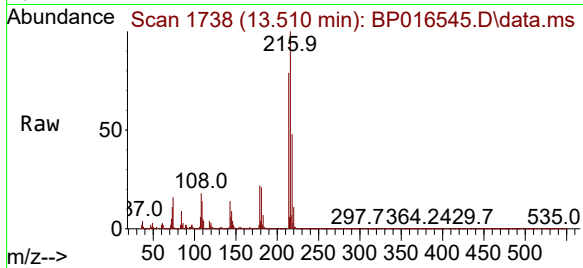
Tgt Ion:216 Resp: 5687823

Ion Ratio Lower Upper

216 100

214 78.7 61.8 92.8

218 48.4 38.9 58.3



#76

Pentachlorobenzene

Concen: 136.279 ng/uL

RT: 15.022 min Scan# 1995

Delta R.T. 0.017 min

Lab File: BP016545.D

Acq: 10 Aug 2023 13:08

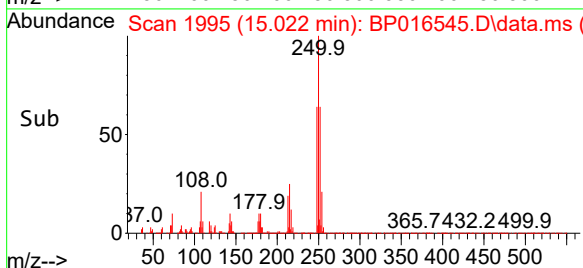
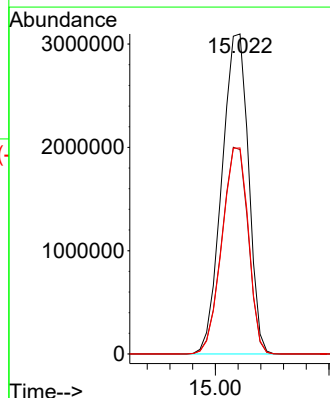
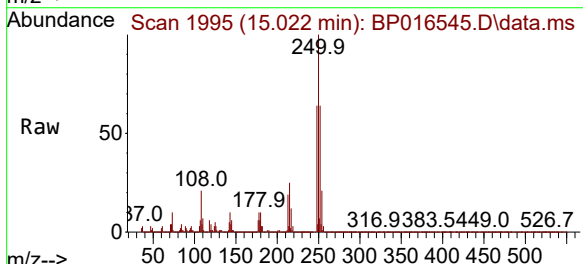
Tgt Ion:250 Resp: 5034990

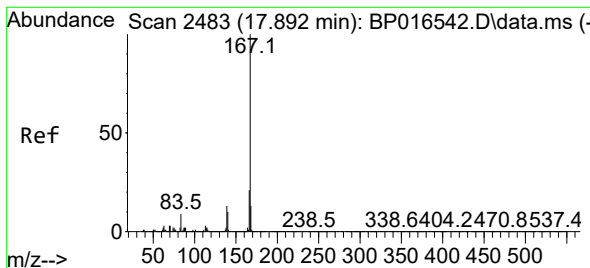
Ion Ratio Lower Upper

250 100

248 63.9 51.2 76.8

252 64.4 50.2 75.2





#77

Carbazole

Concen: 121.783 ng/ul

RT: 17.904 min Scan# 2485

Delta R.T. 0.012 min

Lab File: BP016545.D

Acq: 10 Aug 2023 13:08

Instrument :

BNA_P

ClientSampleId :

SSTD160623

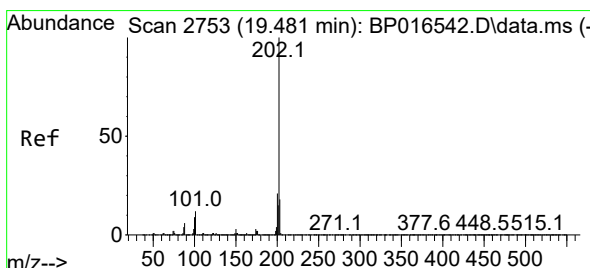
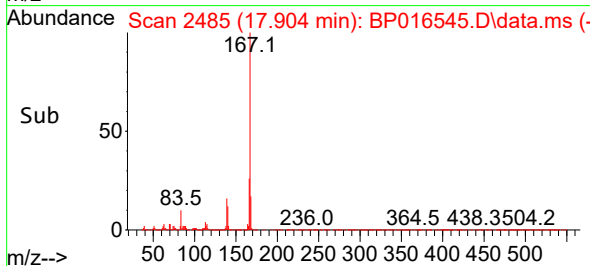
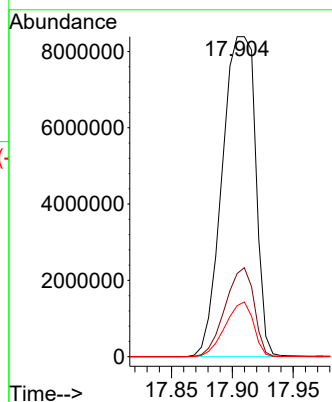
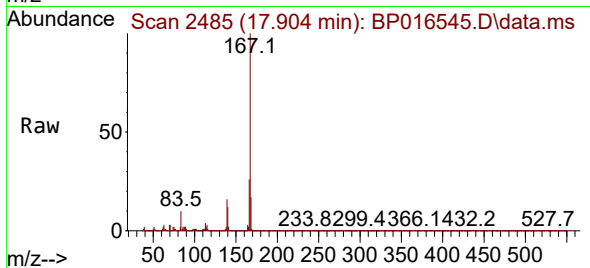
Tgt Ion:167 Resp:15965619

Ion Ratio Lower Upper

167 100

166 26.0 17.0 25.6#

139 16.0 10.1 15.1#



#80

Fluoranthene

Concen: 109.494 ng/ul

RT: 19.486 min Scan# 2754

Delta R.T. 0.006 min

Lab File: BP016545.D

Acq: 10 Aug 2023 13:08

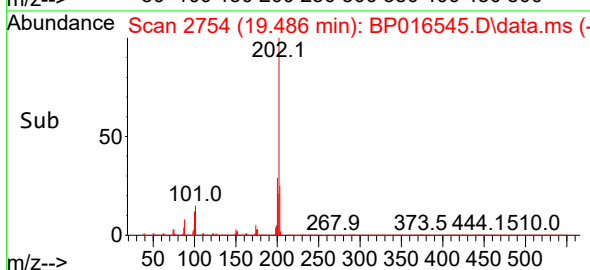
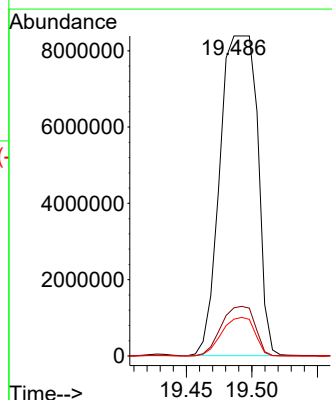
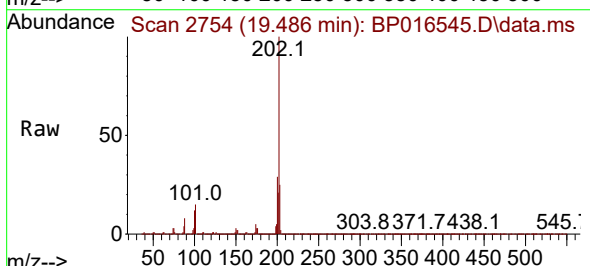
Tgt Ion:202 Resp:16651119

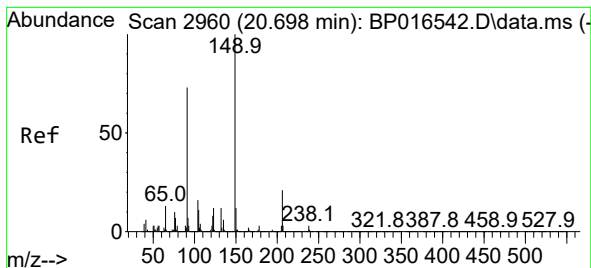
Ion Ratio Lower Upper

202 100

101 15.0 9.9 14.9#

100 11.5 7.5 11.3#





#83

Butylbenzylphthalate

Concen: 153.183 ng/ul

RT: 20.704 min Scan# 2960

Delta R.T. 0.006 min

Lab File: BP016545.D

Acq: 10 Aug 2023 13:08

Instrument :

BNA_P

ClientSampleId :

SSTD160623

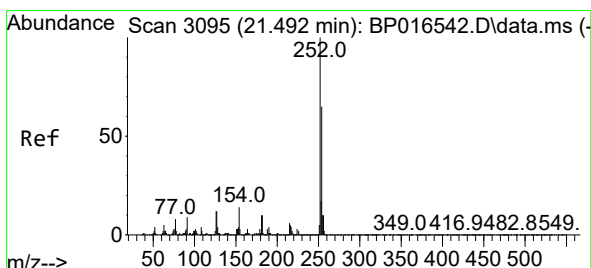
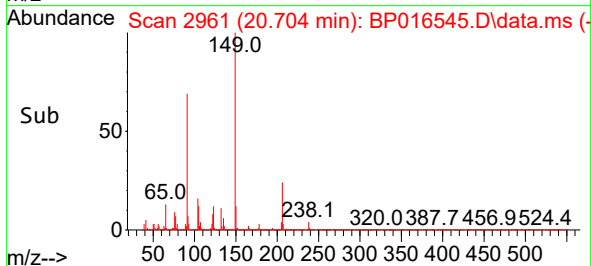
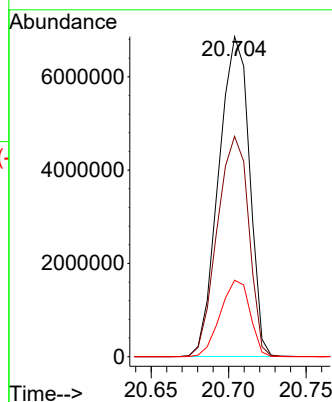
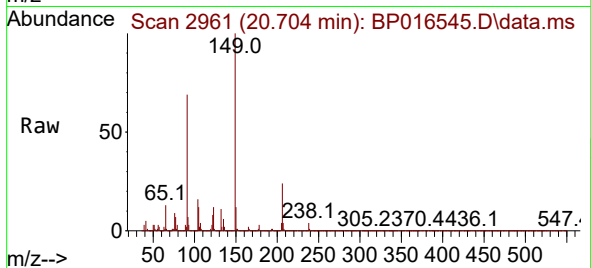
Tgt Ion:149 Resp: 9461357

Ion Ratio Lower Upper

149 100

91 68.9 58.5 87.7

206 23.9 16.5 24.7



#84

3,3'-Dichlorobenzidine

Concen: 147.462 ng/ul

RT: 21.510 min Scan# 3098

Delta R.T. 0.017 min

Lab File: BP016545.D

Acq: 10 Aug 2023 13:08

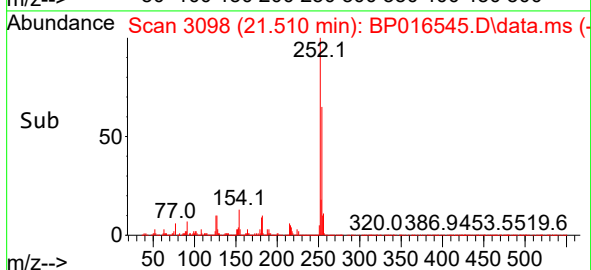
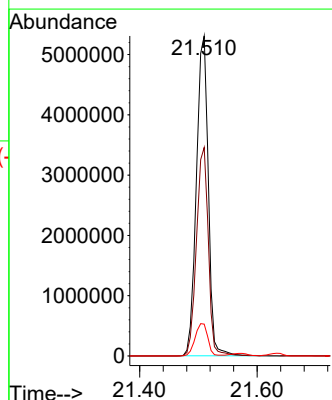
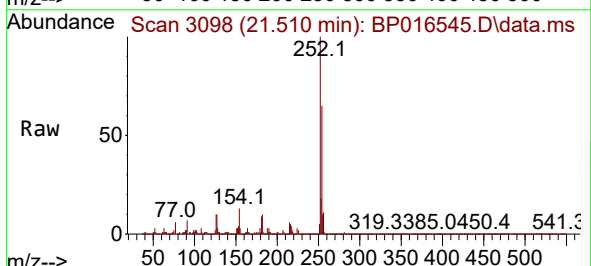
Tgt Ion:252 Resp: 7448658

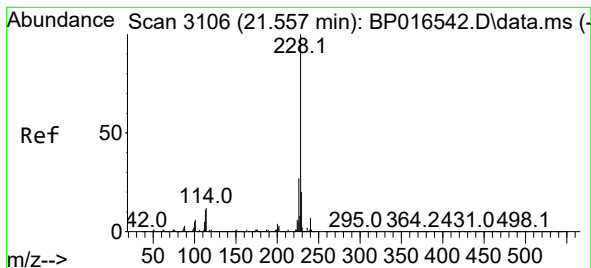
Ion Ratio Lower Upper

252 100

254 65.2 51.8 77.8

126 9.9 9.7 14.5





#85

Benzo(a)anthracene

Concen: 101.915 ng/ul

RT: 21.627 min Scan# 3106

Delta R.T. 0.070 min

Lab File: BP016545.D

Acq: 10 Aug 2023 13:08

Instrument :

BNA_P

ClientSampleId :

SSTD160623

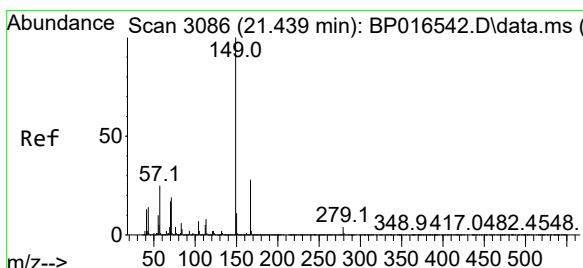
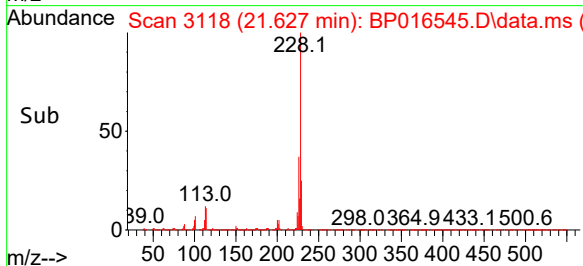
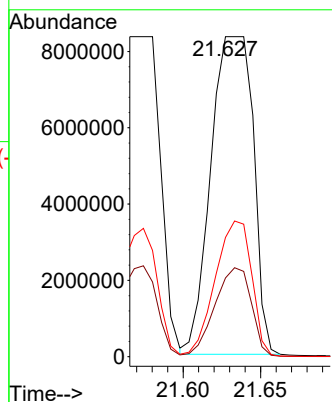
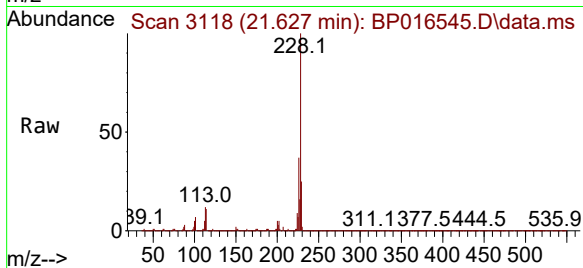
Tgt Ion:228 Resp:15877182

Ion Ratio Lower Upper

228 100

229 24.6 15.6 23.4#

226 37.2 21.8 32.6#



#86

Bis(2-ethylhexyl)phthalate

Concen: 140.235 ng/ul

RT: 21.445 min Scan# 3087

Delta R.T. 0.006 min

Lab File: BP016545.D

Acq: 10 Aug 2023 13:08

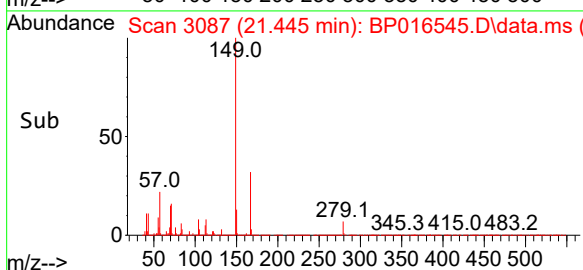
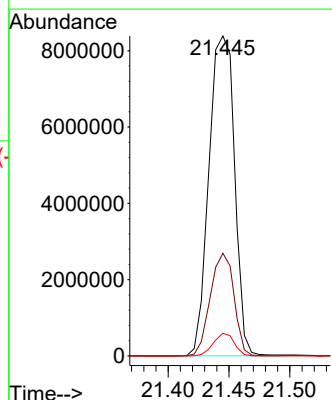
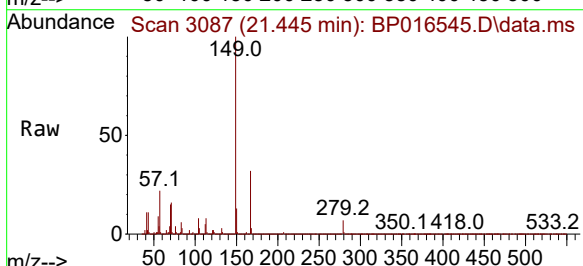
Tgt Ion:149 Resp:12271348

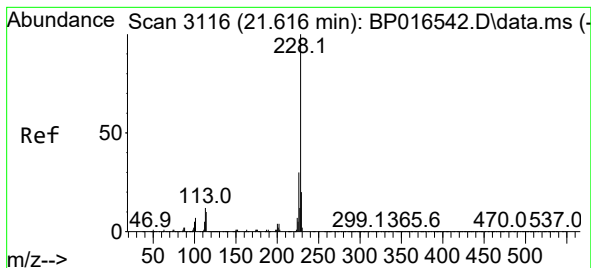
Ion Ratio Lower Upper

149 100

167 32.1 22.1 33.1

279 7.1 3.2 4.8#





#87

Chrysene

Concen: 110.081 ng/ul

RT: 21.627 min Scan# 3118

Delta R.T. 0.012 min

Lab File: BP016545.D

Acq: 10 Aug 2023 13:08

Instrument :

BNA_P

ClientSampleId :

SSTD160623

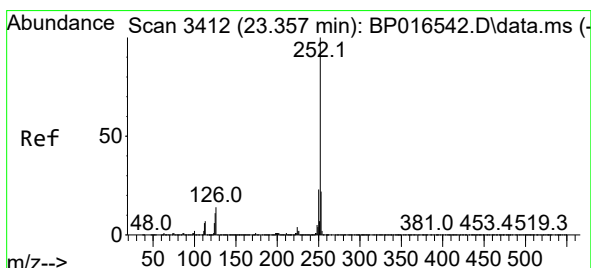
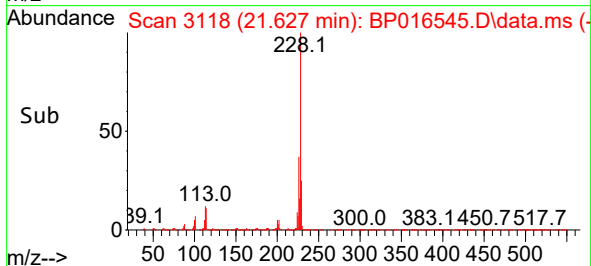
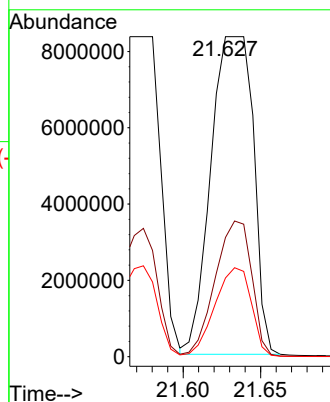
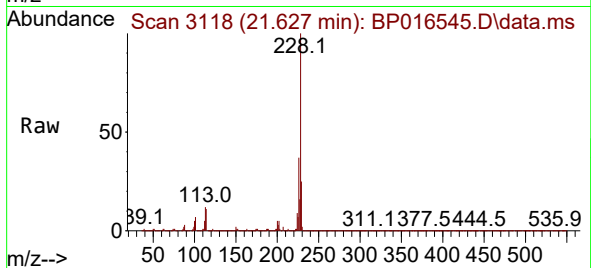
Tgt Ion:228 Resp:15877182

Ion Ratio Lower Upper

228 100

226 37.2 24.2 36.4#

229 24.6 16.0 24.0#



#90

Benzo(b)fluoranthene

Concen: 142.565 ng/ul

RT: 23.380 min Scan# 3416

Delta R.T. 0.023 min

Lab File: BP016545.D

Acq: 10 Aug 2023 13:08

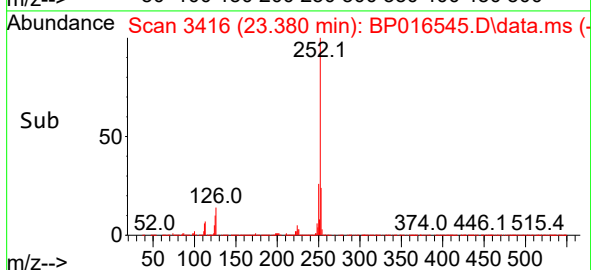
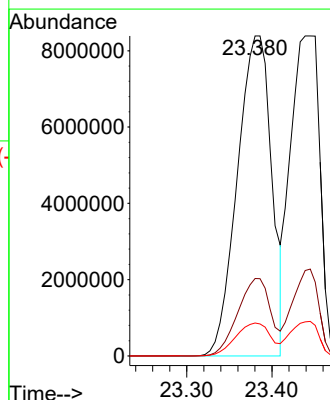
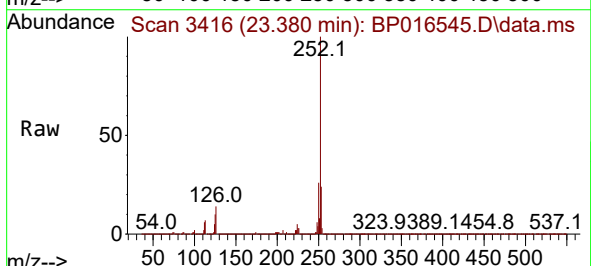
Tgt Ion:252 Resp:23446117

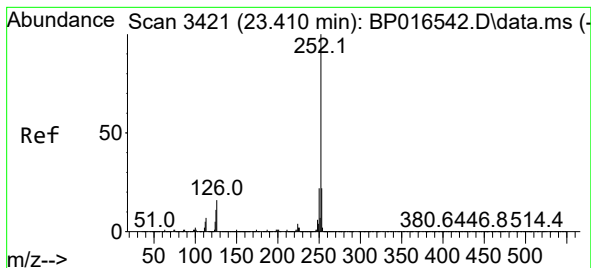
Ion Ratio Lower Upper

252 100

253 24.2 17.6 26.4

125 10.3 8.6 13.0





#91

Benzo(k)fluoranthene

Concen: 141.795 ng/ul

RT: 23.380 min Scan# 34

Delta R.T. -0.030 min

Lab File: BP016545.D

Acq: 10 Aug 2023 13:08

Instrument :

BNA_P

ClientSampleId :

SSTD160623

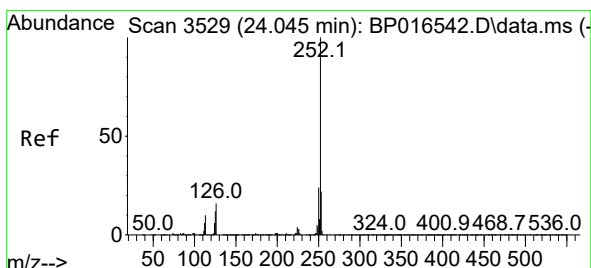
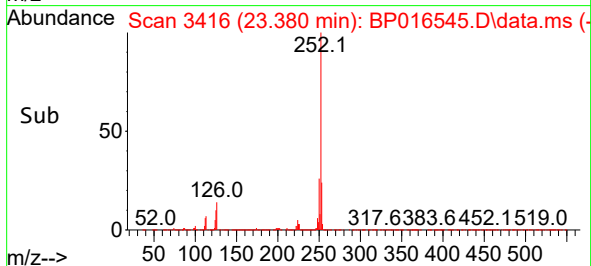
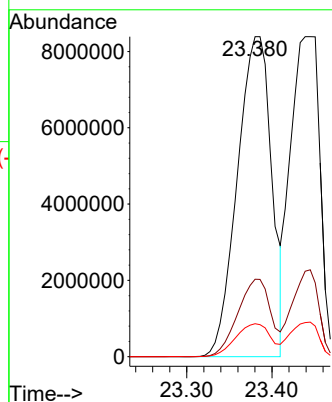
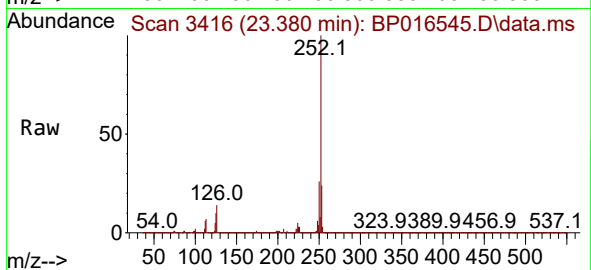
Tgt Ion:252 Resp:23446117

Ion Ratio Lower Upper

252 100

253 24.2 17.7 26.5

125 10.3 8.8 13.2



#93

Benzo(a)pyrene

Concen: 136.287 ng/ul

RT: 24.086 min Scan# 3536

Delta R.T. 0.041 min

Lab File: BP016545.D

Acq: 10 Aug 2023 13:08

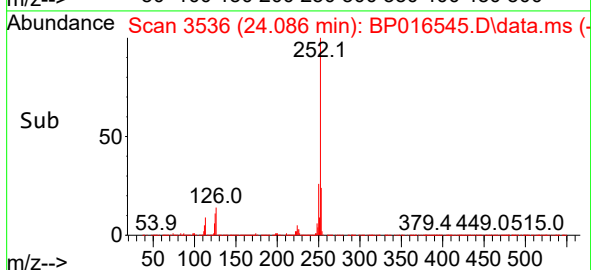
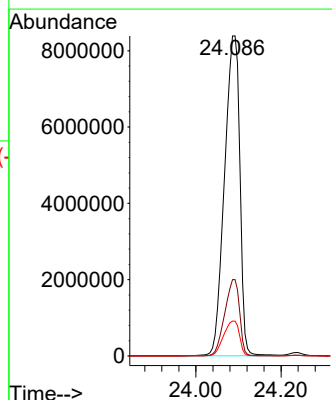
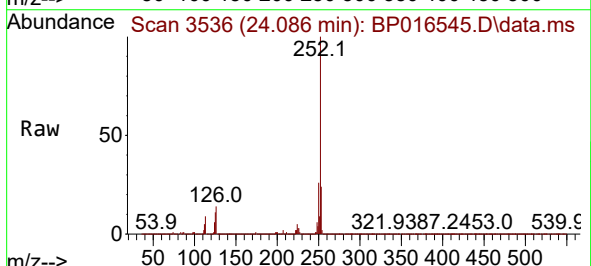
Tgt Ion:252 Resp:20997716

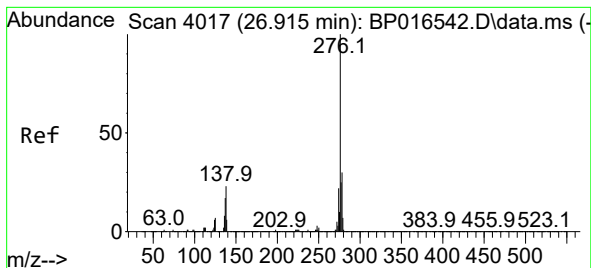
Ion Ratio Lower Upper

252 100

253 23.9 18.0 27.0

125 10.9 10.0 15.0





#94

Indeno(1,2,3-cd)pyrene

Concen: 144.351 ng/ul

RT: 26.980 min Scan# 4017

Delta R.T. 0.064 min

Lab File: BP016545.D

Acq: 10 Aug 2023 13:08

Instrument :

BNA_P

ClientSampleId :

SSTD160623

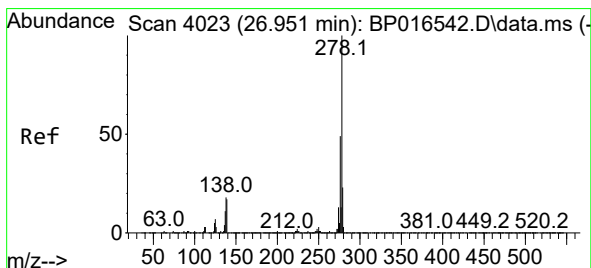
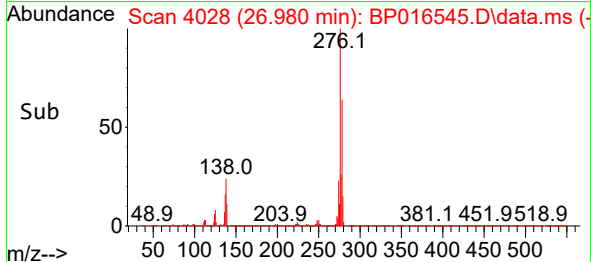
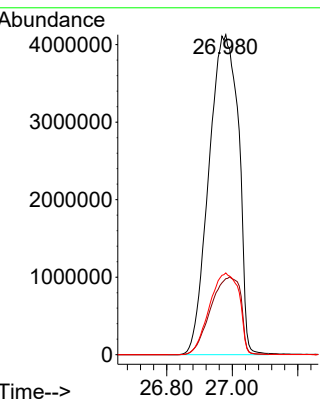
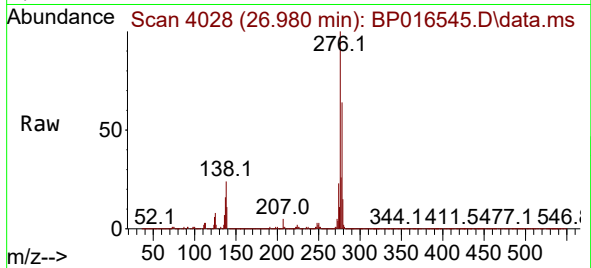
Tgt Ion:276 Resp:25810310

Ion Ratio Lower Upper

276 100

138 23.8 18.6 27.8

277 25.6 19.7 29.5



#95

Dibenzo(a,h)anthracene

Concen: 137.602 ng/ul

RT: 27.021 min Scan# 4035

Delta R.T. 0.070 min

Lab File: BP016545.D

Acq: 10 Aug 2023 13:08

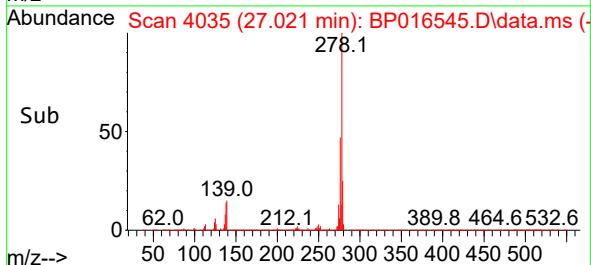
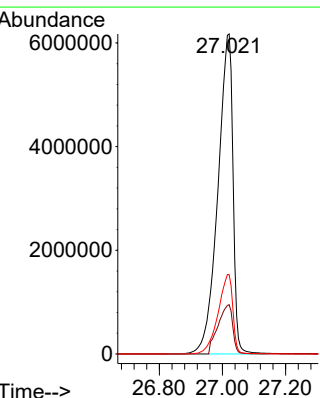
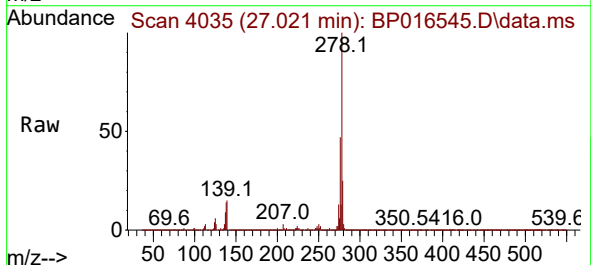
Tgt Ion:278 Resp:20493971

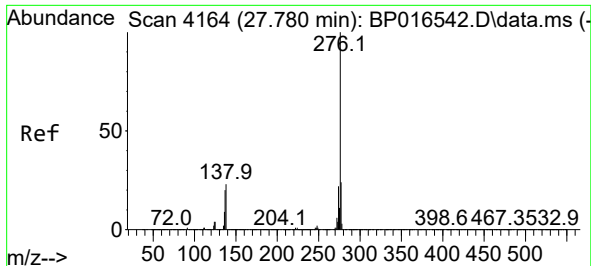
Ion Ratio Lower Upper

278 100

139 15.4 13.9 20.9

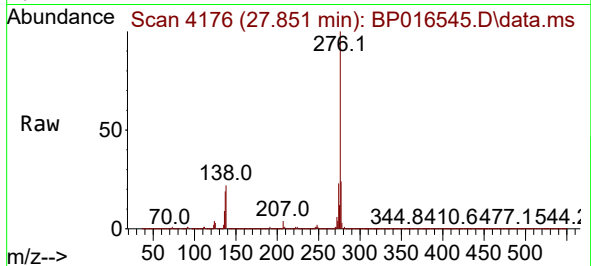
279 24.8 18.8 28.2





#96
 Benzo(g,h,i)perylene
 Concen: 145.326 ng/ul
 RT: 27.851 min Scan# 41
 Delta R.T. 0.070 min
 Lab File: BP016545.D
 Acq: 10 Aug 2023 13:08

Instrument :
 BNA_P
 ClientSampleId :
 SSTD160623



Tgt Ion:276 Resp:20489604
 Ion Ratio Lower Upper
 276 100
 138 22.5 18.3 27.5
 277 24.5 19.1 28.7

