

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122723\
 Data File : BP019116.D
 Acq On : 27 Dec 2023 15:24
 Operator : MA/JU
 Sample : SSTD16075
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD160642

Quant Time: Dec 28 02:29:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 28 02:21:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	200125	20.000	ng/ul	0.00
20) Naphthalene-d8	10.610	136	794510	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.457	164	498999	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.216	188	1183872	20.000	ng/ul	0.00
79) Chrysene-d12	21.327	240	1167776	20.000	ng/ul	0.01
88) Perylene-d12	23.698	264	1430117	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	333277	57.119	ng/uL	0.00
4) Pyridine-d5	3.652	84	2215077	150.609	ng/ul	0.00
7) Phenol-d5	7.005	99	2876612	160.286	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.158	67	1563271	150.569	ng/ul	0.01
11) 2-Chlorophenol-d4	7.352	132	2265609	156.592	ng/ul	0.01
15) 4-Methylphenol-d8	8.552	113	2249183	160.974	ng/ul	0.02
21) Nitrobenzene-d5	8.987	128	1118936	162.918	ng/ul	0.01
24) 2-Nitrophenol-d4	9.704	143	1303185	175.569	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.246	165	2362296	157.606	ng/ul	0.01
31) 4-Chloroaniline-d4	10.769	131	2759224	149.663	ng/ul	0.02
46) Dimethylphthalate-d6	13.892	166	6439604	146.104	ng/ul	0.02
49) Acenaphthylene-d8	14.157	160	6970275	145.748	ng/ul	0.01
54) 4-Nitrophenol-d4	14.710	143	1208439	162.365	ng/ul	0.04
60) Fluorene-d10	15.463	176	5354214	140.614	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.604	200	1388337	178.884	ng/ul	0.02
73) Anthracene-d10	17.322	188	8620956	139.440	ng/ul	0.01
81) Pyrene-d10	19.569	212	10620335	149.226	ng/ul	0.01
92) Benzo(a)pyrene-d12	23.557	264	12320056	149.874	ng/ul	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.269	88	354998	55.101	ng/uL	97
5) Pyridine	3.669	79	2215382	148.395	ng/ul	96
6) Benzaldehyde	6.958	77	920196	110.430	ng/ul	96
8) Phenol	7.034	94	2753880	155.355	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.258	93	2180948	152.060	ng/ul	96
12) 2-Chlorophenol	7.387	128	2225511	150.289	ng/ul	96
13) 2-Methylphenol	8.275	108	2093050	159.613	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.346	45	2463328	145.592	ng/ul	97
16) Acetophenone	8.657	105	3076276	147.005	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.669	70	1459551	139.872	ng/ul	94
18) 4-Methylphenol	8.628	108	2199546	155.831	ng/ul	99
19) Hexachloroethane	8.887	117	926828	149.217	ng/ul	89
22) Nitrobenzene	9.034	77	2447073	145.839	ng/ul	94
23) Isophorone	9.575	82	4582963	151.465	ng/ul	99
25) 2-Nitrophenol	9.740	139	1300443	164.088	ng/ul	97
26) 2,4-Dimethylphenol	9.810	107	2186828	156.735	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.046	93	2817882	140.904	ng/ul	99
29) 2,4-Dichlorophenol	10.275	162	2217329	151.384	ng/ul	99
30) Naphthalene	10.663	128	6571106	137.177	ng/ul	99
32) 4-Chloroaniline	10.793	127	2599186	146.924	ng/ul	100
33) Hexachlorobutadiene	10.946	225	1734377	153.862	ng/ul	99
34) Caprolactam	11.634	113	352227	91.885	ng/ul	98
35) 4-Chloro-3-methylphenol	11.934	107	2243072	156.006	ng/ul	100
36) 2-Methylnaphthalene	12.281	142	4576098	141.688	ng/ul	100

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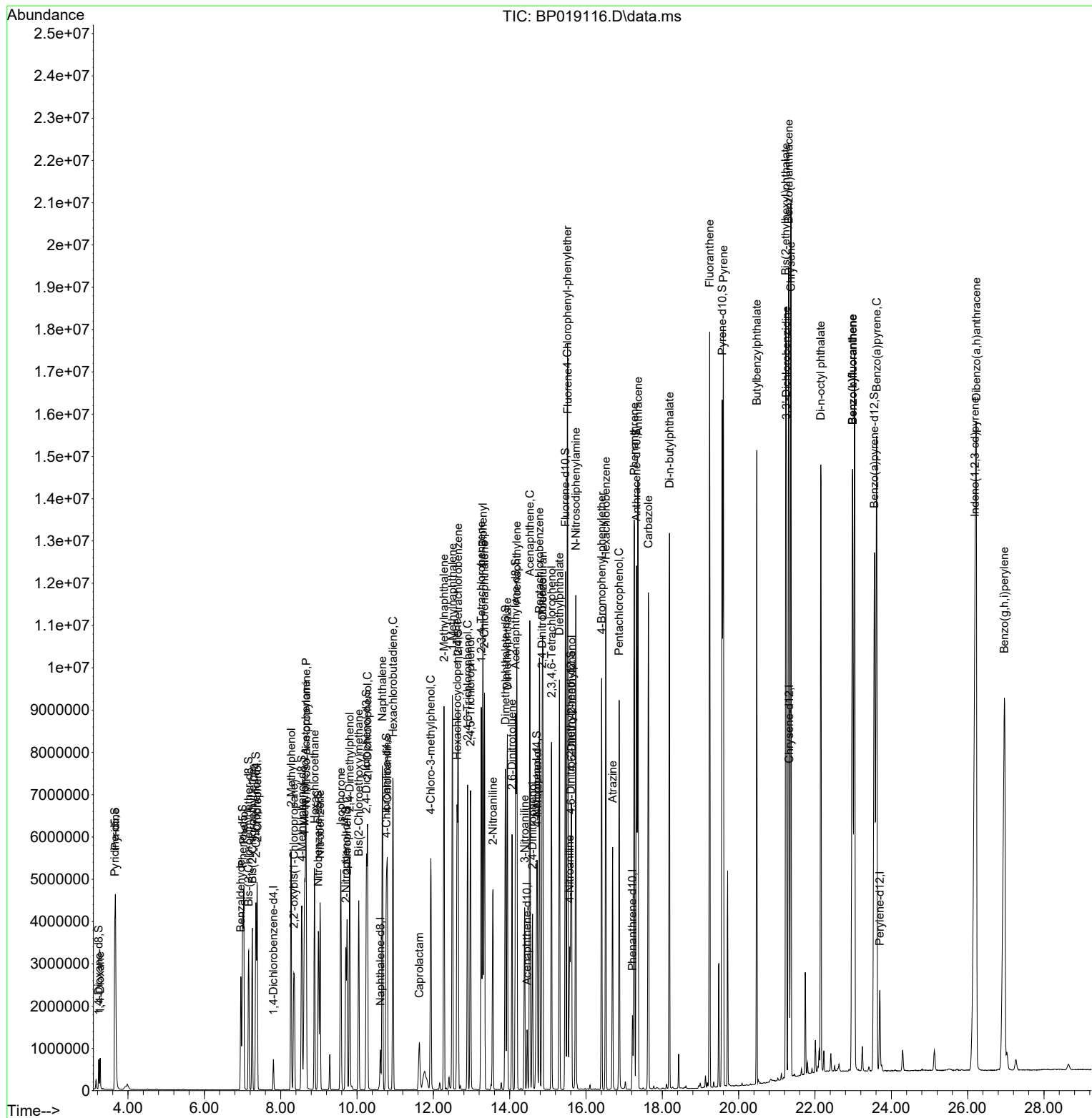
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.498	142	4587524	140.856	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.651	216	3125186	152.067	ng/ul	99
40) Hexachlorocyclopentadiene	12.622	237	2013202	176.484	ng/ul	99
41) 2,4,6-Trichlorophenol	12.898	196	2004461	163.432	ng/ul	99
42) 2,4,5-Trichlorophenol	12.975	196	2152742	165.350	ng/ul	100
43) 1,1'-Biphenyl	13.298	154	5968292	137.111	ng/ul	98
44) 2-Chloronaphthalene	13.340	162	4983051	142.667	ng/ul	99
45) 2-Nitroaniline	13.563	65	1398736	166.812	ng/ul	96
47) Dimethylphthalate	13.940	163	6195034	142.390	ng/ul	99
48) 2,6-Dinitrotoluene	14.063	165	1401569	175.310	ng/ul	94
50) Acenaphthylene	14.187	152	7348856	136.576	ng/ul	98
51) 3-Nitroaniline	14.392	138	1241324	158.822	ng/ul	96
52) Acenaphthene	14.528	153	4957734	135.946	ng/ul	100
53) 2,4-Dinitrophenol	14.598	184	1028182	199.624	ng/ul	93
55) 4-Nitrophenol	14.722	109	954203	160.420	ng/ul	95
56) Dibenzofuran	14.869	168	6784897	130.281	ng/ul	96
57) 2,4-Dinitrotoluene	14.851	165	1926805	163.874	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.098	232	1902719	167.273	ng/ul	95
59) Diethylphthalate	15.304	149	6110741	144.858	ng/ul	99
61) Fluorene	15.522	166	5222829	125.297	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.510	204	3080565	135.328	ng/ul	98
63) 4-Nitroaniline	15.575	138	1096223	143.181	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.622	198	1412233	171.859	ng/ul#	95
67) N-Nitrosodiphenylamine	15.734	169	4912810	135.970	ng/ul	100
68) 4-Bromophenyl-phenylether	16.410	248	2340303	159.047	ng/ul	98
69) Hexachlorobenzene	16.522	284	2743749	152.580	ng/ul	95
70) Atrazine	16.698	200	1238023	121.412	ng/ul	99
71) Pentachlorophenol	16.869	266	1841768	174.447	ng/ul	98
72) Phenanthrene	17.263	178	9542858	133.011	ng/ul	97
74) Anthracene	17.363	178	9316360	130.436	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.257	216	3147581	152.911	ng/ul	99
76) Pentachlorobenzene	14.781	250	3021936	147.739	ng/ul	99
77) Carbazole	17.633	167	8433105	141.944	ng/ul	98
78) Di-n-butylphthalate	18.186	149	10204667	138.494	ng/ul	99
80) Fluoranthene	19.239	202	11857220	145.190	ng/ul#	95
82) Pyrene	19.598	202	11640141	136.041	ng/ul#	94
83) Butylbenzylphthalate	20.474	149	4910134	160.652	ng/ul#	88
84) 3,3'-Dichlorobenzidine	21.251	252	4420785	151.332	ng/ul#	99
85) Benzo(a)anthracene	21.310	228	12930916	140.149	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.233	149	6628239	147.277	ng/ul#	96
87) Chrysene	21.369	228	11498238	133.645	ng/ul	95
89) Di-n-octyl phthalate	22.151	149	12210785	149.310	ng/ul	100
90) Benzo(b)fluoranthene	22.986	252	15060753	149.928	ng/ul	98
91) Benzo(k)fluoranthene	22.986	252	15060753	152.579	ng/ul	97
93) Benzo(a)pyrene	23.615	252	13353252	141.233	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.192	276	17953452	148.129	ng/ul	95
95) Dibenzo(a,h)anthracene	26.227	278	14319750	142.023	ng/ul#	97
96) Benzo(g,h,i)perylene	26.962	276	14744390	151.804	ng/ul	96

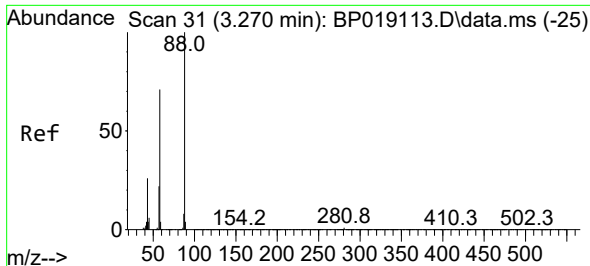
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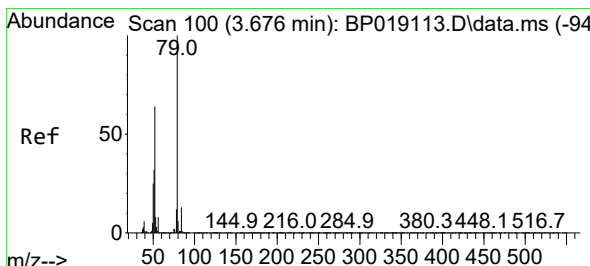
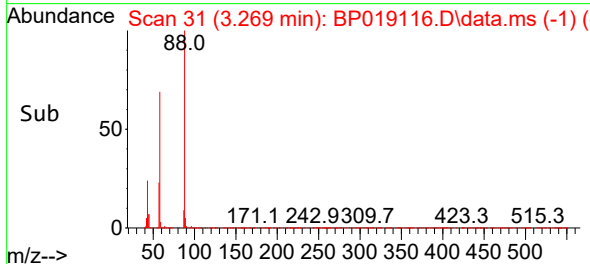
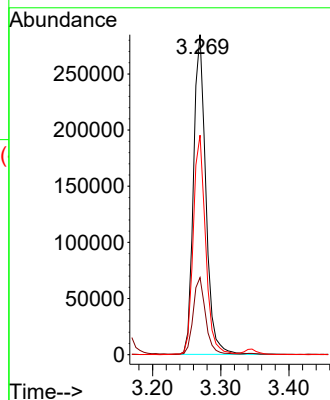
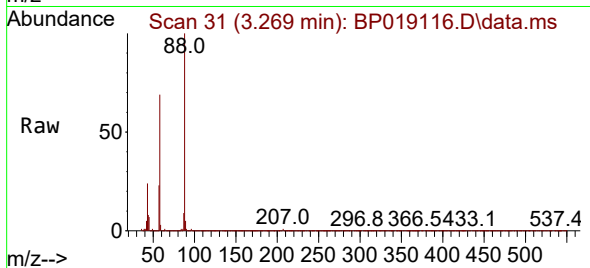




#2
1,4-Dioxane
Concen: 55.101 ng/uL
RT: 3.269 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP019116.D
Acq: 27 Dec 2023 15:24

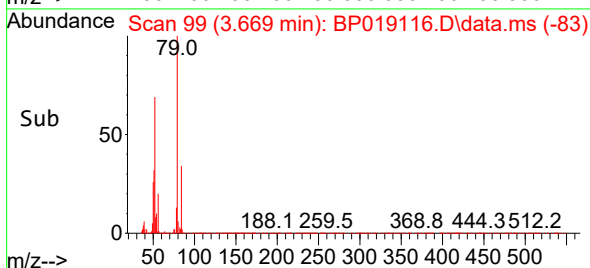
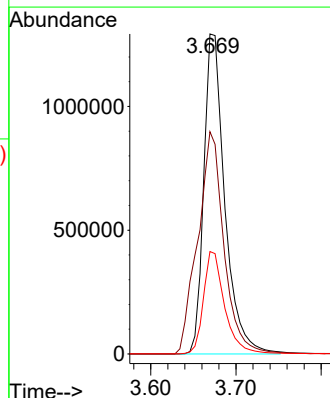
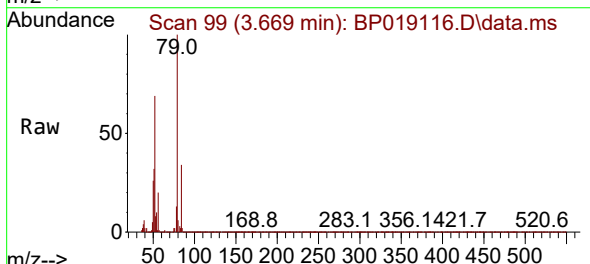
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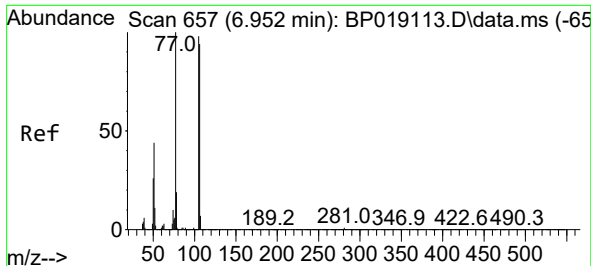
Tgt Ion: 88 Resp: 354998
Ion Ratio Lower Upper
88 100
43 24.1 21.0 31.4
58 68.6 56.6 84.8



#5
Pyridine
Concen: 148.395 ng/uL
RT: 3.669 min Scan# 99
Delta R.T. -0.006 min
Lab File: BP019116.D
Acq: 27 Dec 2023 15:24

Tgt Ion: 79 Resp: 2215382
Ion Ratio Lower Upper
79 100
52 69.5 52.4 78.6
51 32.0 25.9 38.9

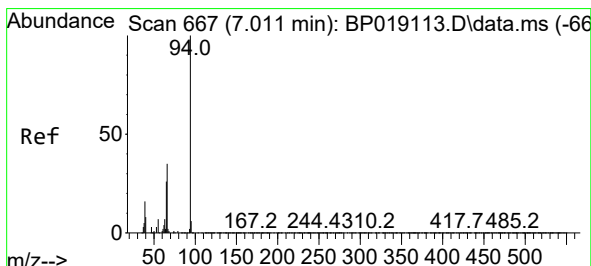
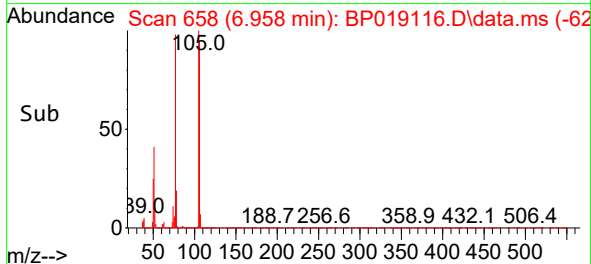
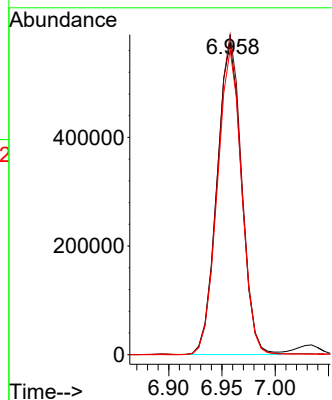
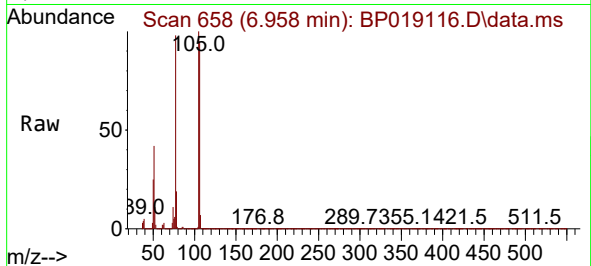




#6
Benzaldehyde
Concen: 110.430 ng/ul
RT: 6.958 min Scan# 611
Delta R.T. 0.006 min
Lab File: BP019116.D
Acq: 27 Dec 2023 15:24

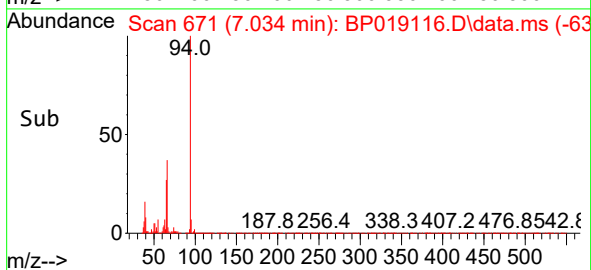
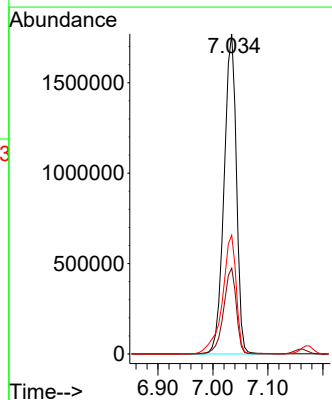
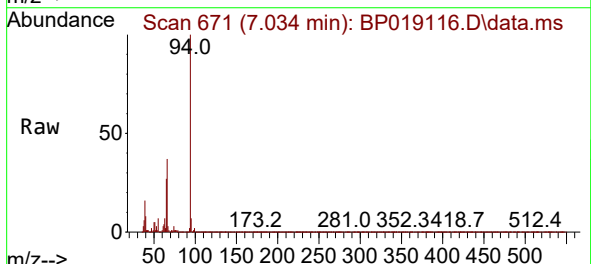
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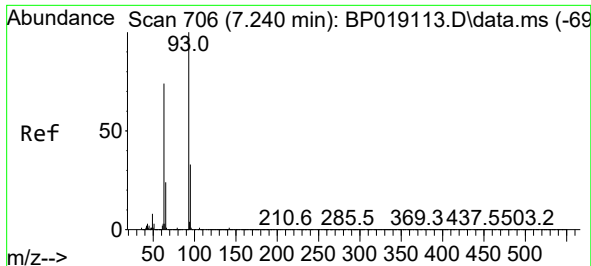
Tgt Ion: 77 Resp: 920196
Ion Ratio Lower Upper
77 100
105 102.5 78.6 117.8
106 97.7 74.8 112.2



#8
Phenol
Concen: 155.355 ng/ul
RT: 7.034 min Scan# 671
Delta R.T. 0.023 min
Lab File: BP019116.D
Acq: 27 Dec 2023 15:24

Tgt Ion: 94 Resp: 2753880
Ion Ratio Lower Upper
94 100
65 26.8 21.1 31.7
66 37.1 29.3 43.9



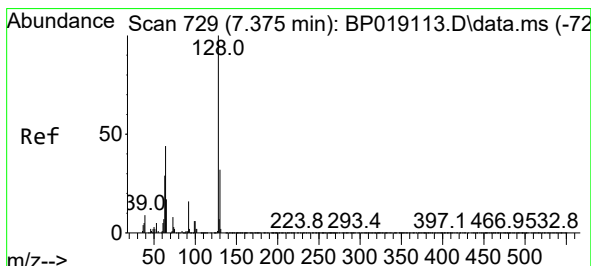
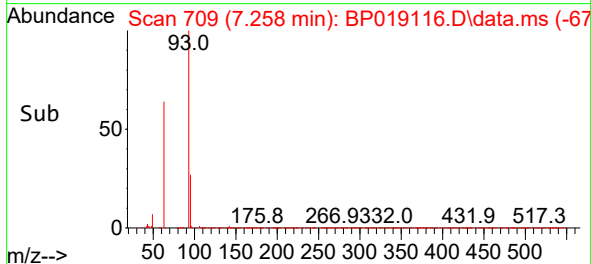
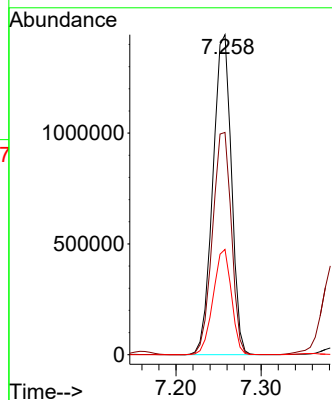
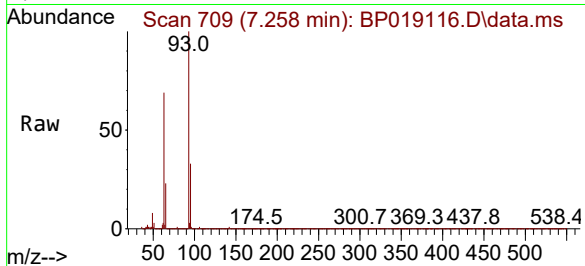


#10
Bis(2-Chloroethyl)ether
Concen: 152.060 ng/ul
RT: 7.258 min Scan# 709
Delta R.T. 0.017 min
Lab File: BP019116.D
Acq: 27 Dec 2023 15:24

Instrument :
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Tgt Ion: 93 Resp: 2180948

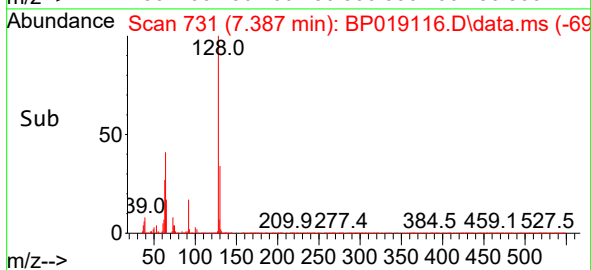
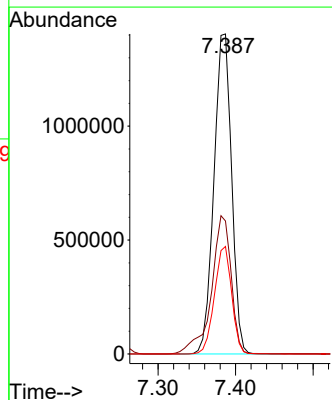
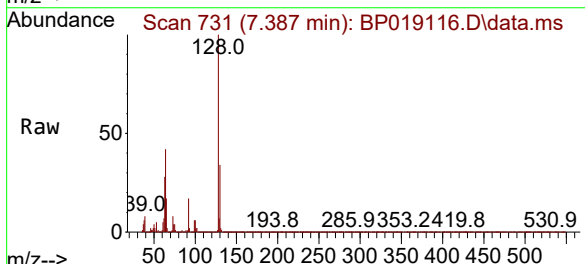
Ion	Ratio	Lower	Upper
93	100		
63	69.4	59.4	89.0
95	32.9	26.6	40.0

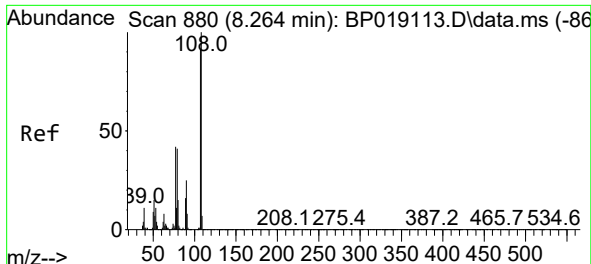


#12
2-Chlorophenol
Concen: 150.289 ng/ul
RT: 7.387 min Scan# 731
Delta R.T. 0.012 min
Lab File: BP019116.D
Acq: 27 Dec 2023 15:24

Tgt Ion:128 Resp: 2225511

Ion	Ratio	Lower	Upper
128	100		
64	41.6	35.9	53.9
130	33.6	25.3	37.9

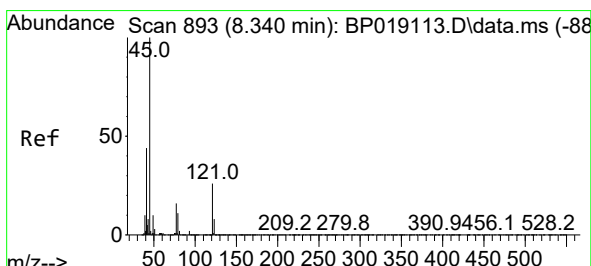
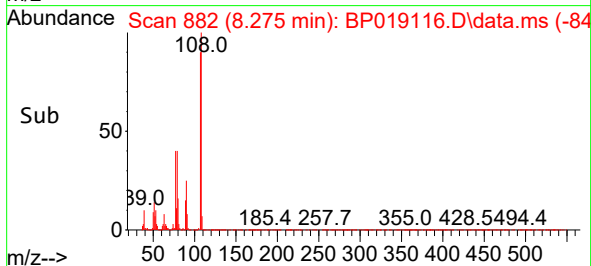
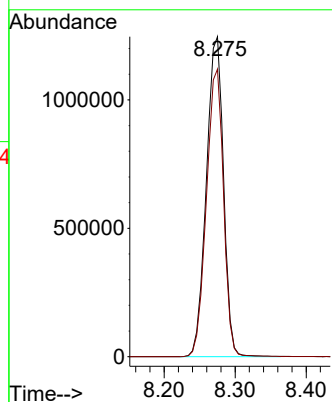
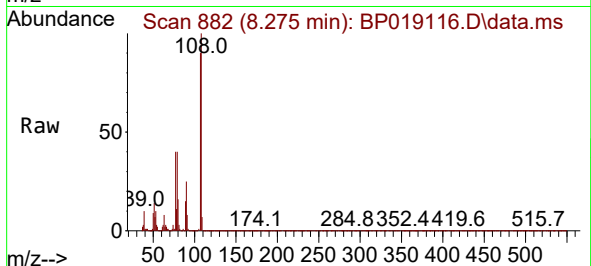




#13
2-Methylphenol
Concen: 159.613 ng/ul
RT: 8.275 min Scan# 81
Delta R.T. 0.012 min
Lab File: BP019116.D
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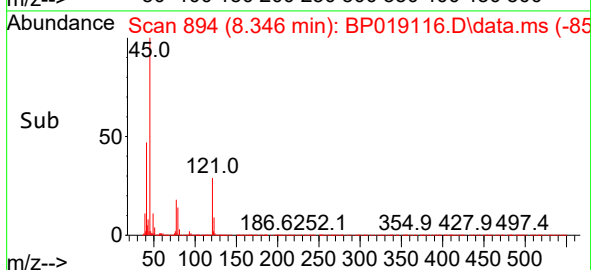
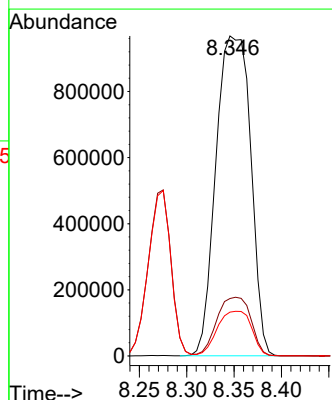
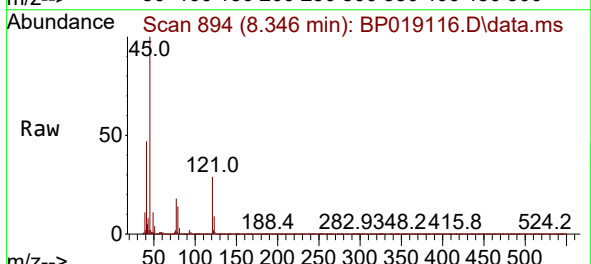
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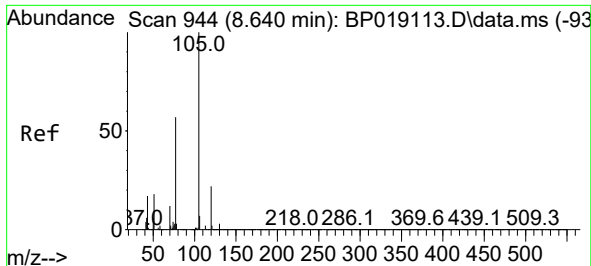
Tgt Ion:108 Resp: 2093050
Ion Ratio Lower Upper
108 100
107 89.9 72.6 109.0



#14
2,2'-oxybis(1-Chloropropane)
Concen: 145.592 ng/ul
RT: 8.346 min Scan# 894
Delta R.T. 0.006 min
Lab File: BP019116.D
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Tgt Ion: 45 Resp: 2463328
Ion Ratio Lower Upper
45 100
77 18.0 13.6 20.4
79 13.7 9.7 14.5

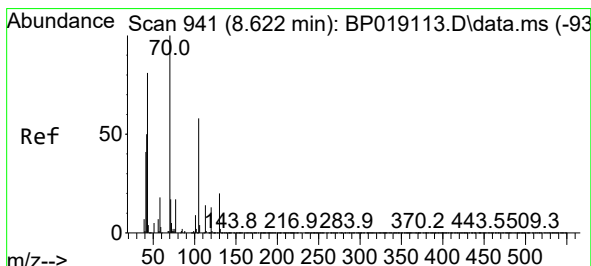
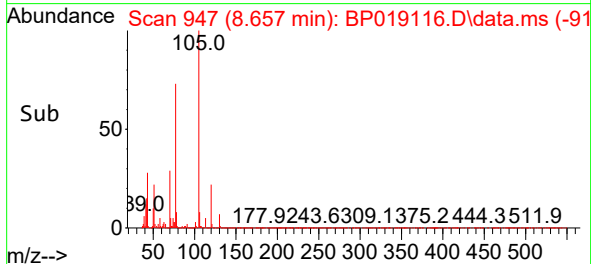
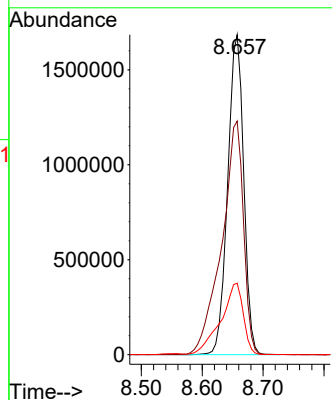
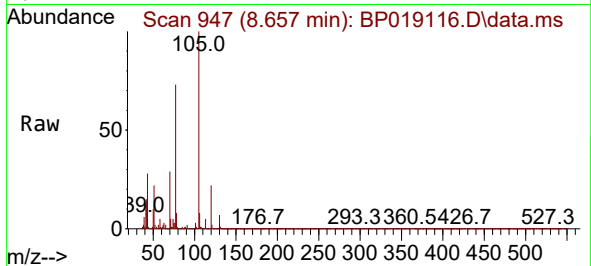




#16
Acetophenone
Concen: 147.005 ng/ul
RT: 8.657 min Scan# 944
Delta R.T. 0.017 min
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Acq: 27 Dec 2023 15:24

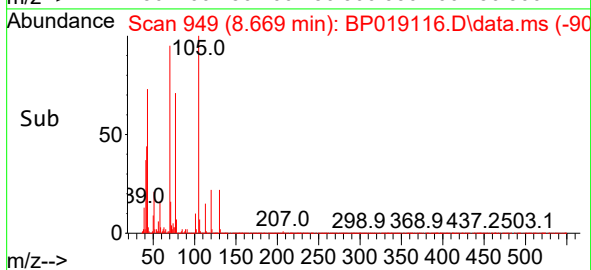
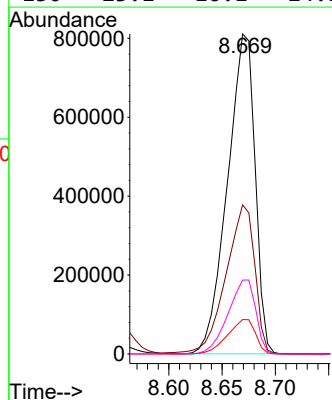
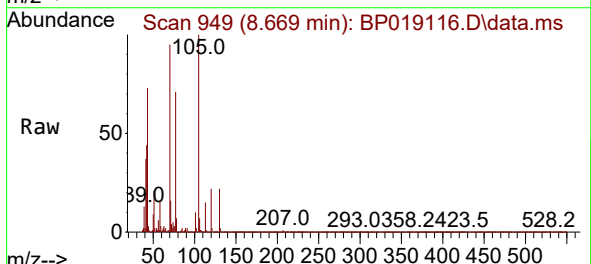
Instrument :
BNA_P
ClientSampleId :
SSTD160642

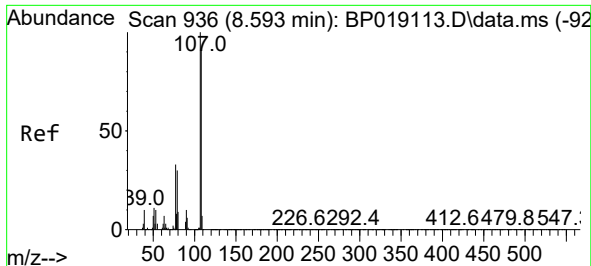
Tgt Ion:105 Resp: 3076276
Ion Ratio Lower Upper
105 100
77 73.0 59.8 89.6
51 22.4 19.3 28.9



#17
N-Nitroso-di-n-propylamine
Concen: 139.872 ng/ul
RT: 8.669 min Scan# 949
Delta R.T. 0.047 min
Lab File: BP019116.D
Acq: 27 Dec 2023 15:24

Tgt Ion: 70 Resp: 1459551
Ion Ratio Lower Upper
70 100
42 46.6 40.6 61.0
101 10.7 7.3 10.9
130 23.1 16.1 24.1

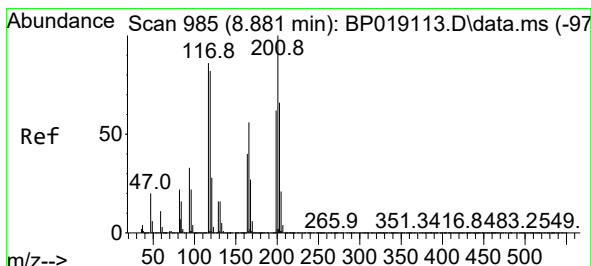
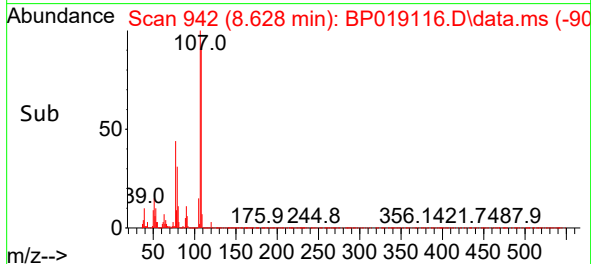
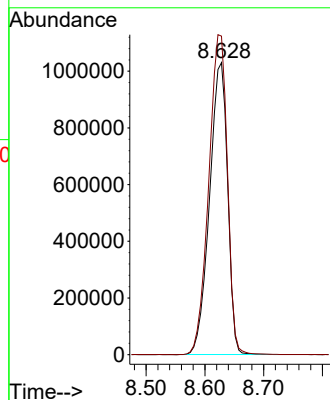
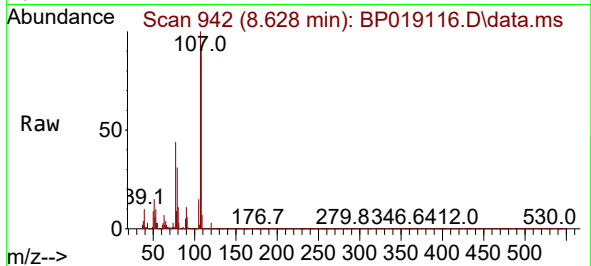




#18
4-Methylphenol
Concen: 155.831 ng/ul
RT: 8.628 min Scan# 941
Delta R.T. 0.035 min
Lab File: BP019116.D
Acq: 27 Dec 2023 15:24

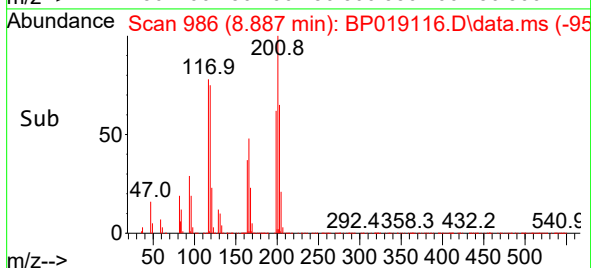
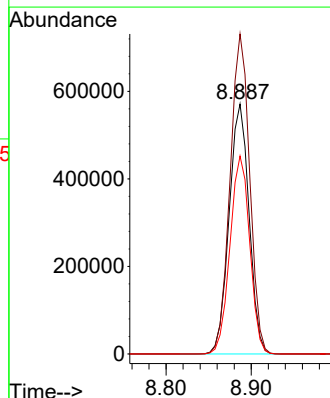
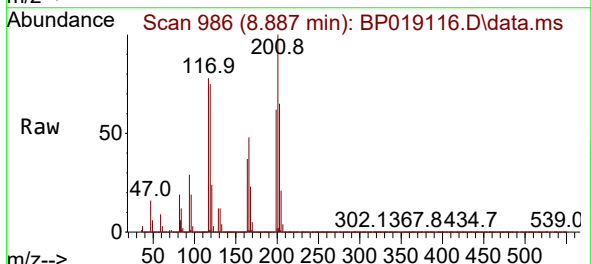
Instrument :
BNA_P
ClientSampleId :
SSTD160642

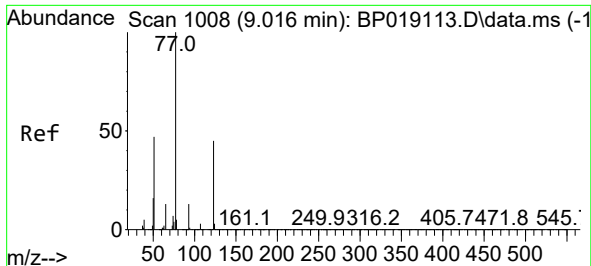
Tgt Ion:108 Resp: 2199546
Ion Ratio Lower Upper
108 100
107 109.1 88.1 132.1



#19
Hexachloroethane
Concen: 149.217 ng/ul
RT: 8.887 min Scan# 986
Delta R.T. 0.006 min
Lab File: BP019116.D
Acq: 27 Dec 2023 15:24

Tgt Ion:117 Resp: 926828
Ion Ratio Lower Upper
117 100
201 128.1 92.5 138.7
199 79.2 56.9 85.3

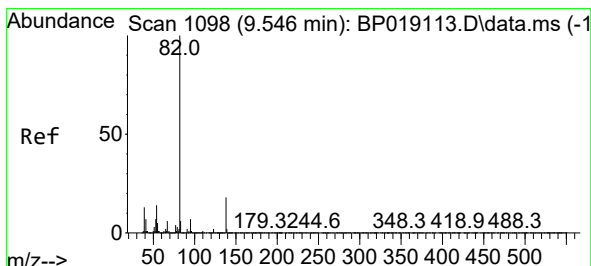
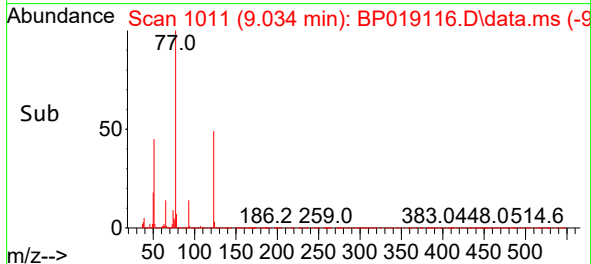
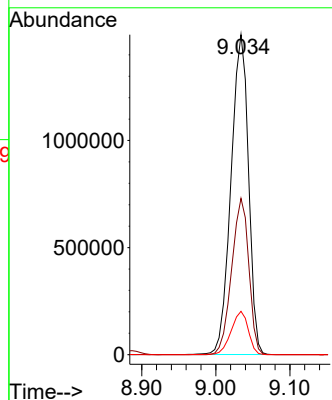
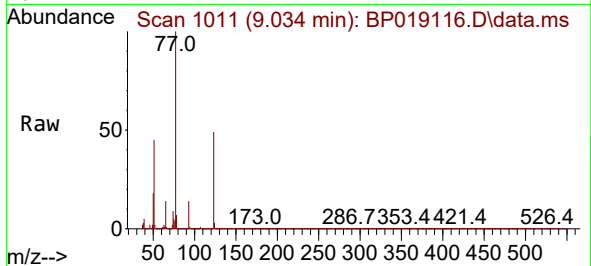




#22
Nitrobenzene
Concen: 145.839 ng/ul
RT: 9.034 min Scan# 1103
Delta R.T. 0.017 min
Lab File: BP019116.D
Acq: 27 Dec 2023 15:24

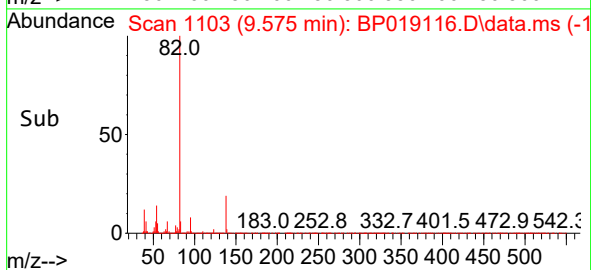
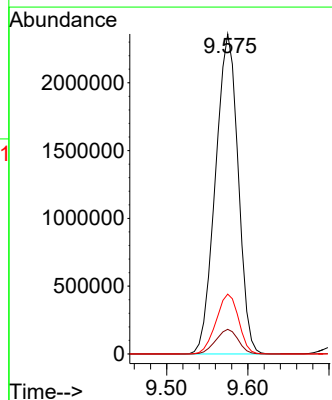
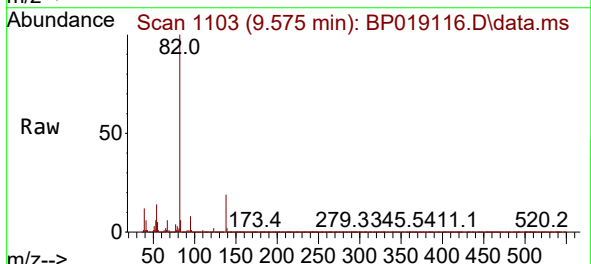
Instrument :
BNA_P
ClientSampleId :
SSTD160642

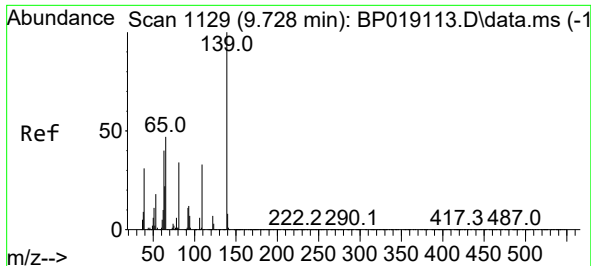
Tgt Ion: 77 Resp: 2447073
Ion Ratio Lower Upper
77 100
123 48.9 35.5 53.3
65 13.6 10.3 15.5



#23
Isophorone
Concen: 151.465 ng/ul
RT: 9.575 min Scan# 1103
Delta R.T. 0.029 min
Lab File: BP019116.D
Acq: 27 Dec 2023 15:24

Tgt Ion: 82 Resp: 4582963
Ion Ratio Lower Upper
82 100
95 7.7 5.9 8.9
138 18.7 14.7 22.1

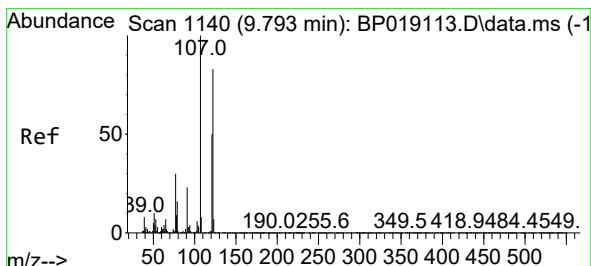
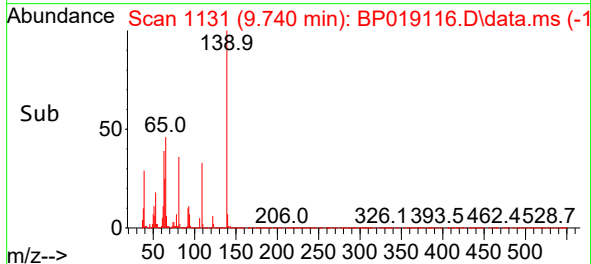
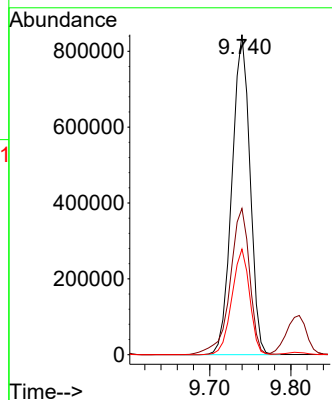
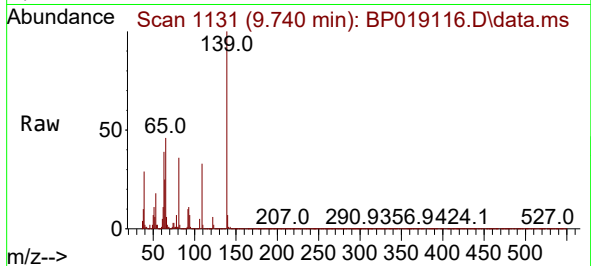




#25
2-Nitrophenol
Concen: 164.088 ng/ul
RT: 9.740 min Scan# 1129
Delta R.T. 0.012 min
Lab File: BP019116.D
Acq: 27 Dec 2023 15:24

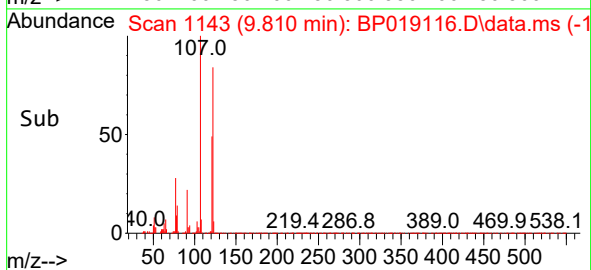
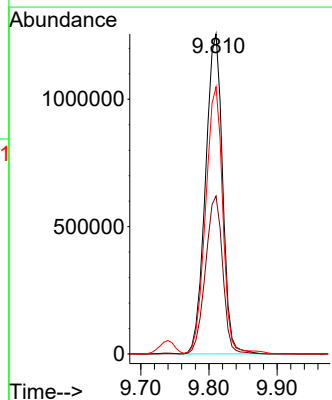
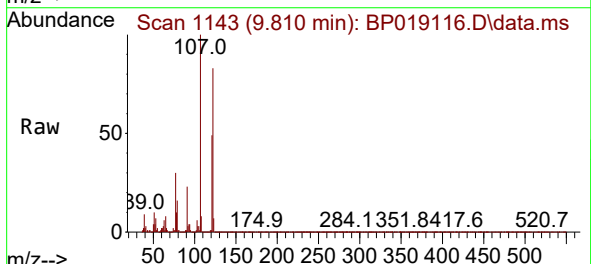
Instrument :
BNA_P
ClientSampleId :
SSTD160642

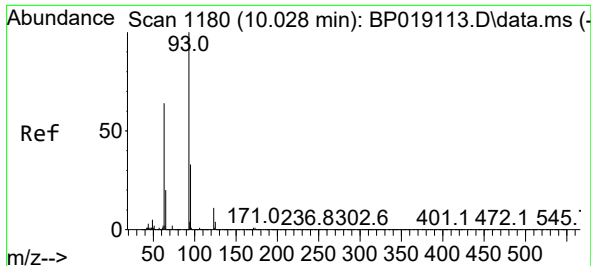
Tgt Ion:139 Resp: 1300443
Ion Ratio Lower Upper
139 100
65 45.7 38.8 58.2
109 33.0 26.2 39.2



#26
2,4-Dimethylphenol
Concen: 156.735 ng/ul
RT: 9.810 min Scan# 1143
Delta R.T. 0.017 min
Lab File: BP019116.D
Acq: 27 Dec 2023 15:24

Tgt Ion:107 Resp: 2186828
Ion Ratio Lower Upper
107 100
121 49.3 39.8 59.6
122 83.5 66.4 99.6





#27

Bis(2-Chloroethoxy)methane

Concen: 140.904 ng/ul

RT: 10.046 min Scan# 1183

Delta R.T. 0.017 min

Lab File: BP019116.D

Acq: 27 Dec 2023 15:24

Instrument :

BNA_P

ClientSampleId :

SSTD160642

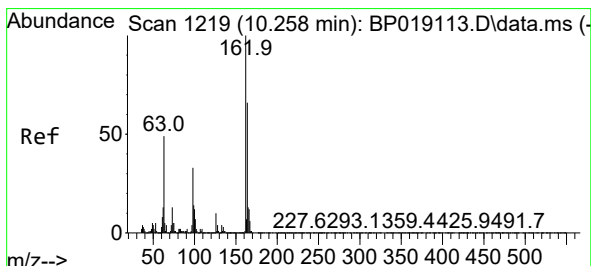
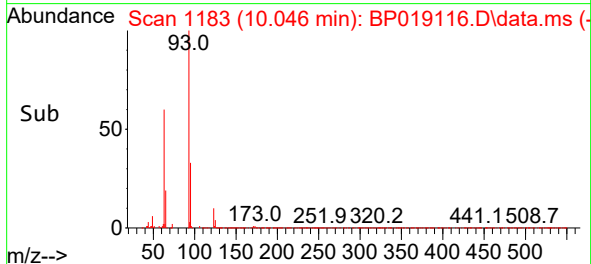
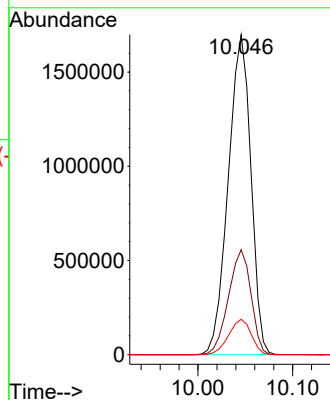
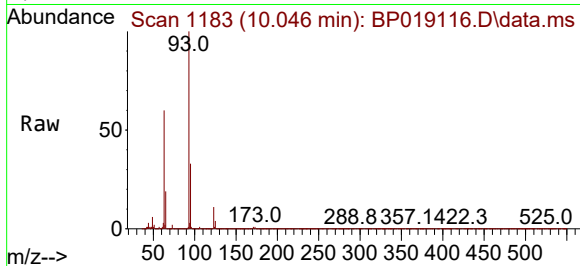
Tgt Ion: 93 Resp: 2817882

Ion Ratio Lower Upper

93 100

95 32.8 26.7 40.1

123 11.1 8.5 12.7



#29

2,4-Dichlorophenol

Concen: 151.384 ng/ul

RT: 10.275 min Scan# 1222

Delta R.T. 0.017 min

Lab File: BP019116.D

Acq: 27 Dec 2023 15:24

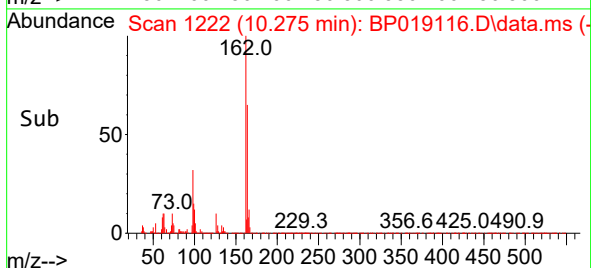
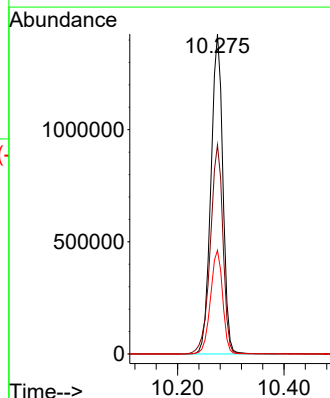
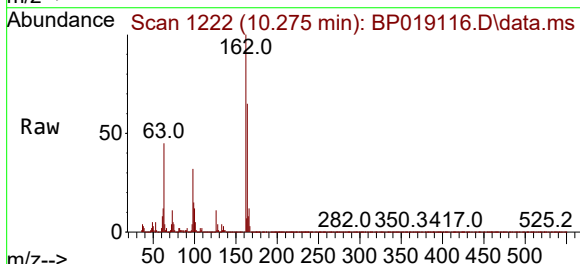
Tgt Ion:162 Resp: 2217329

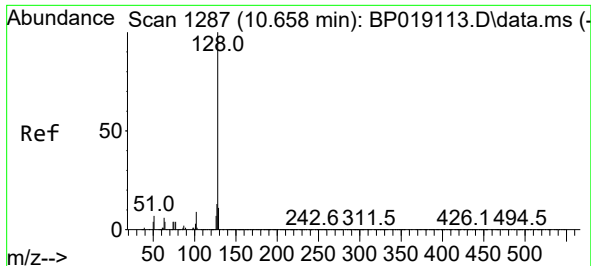
Ion Ratio Lower Upper

162 100

164 65.4 52.6 78.8

98 32.4 26.7 40.1

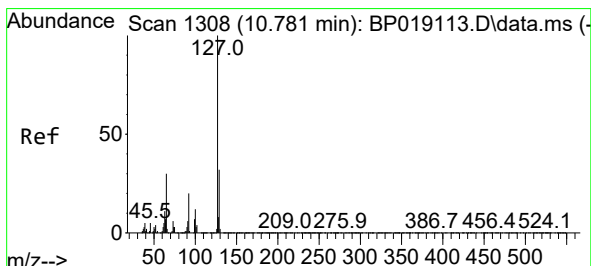
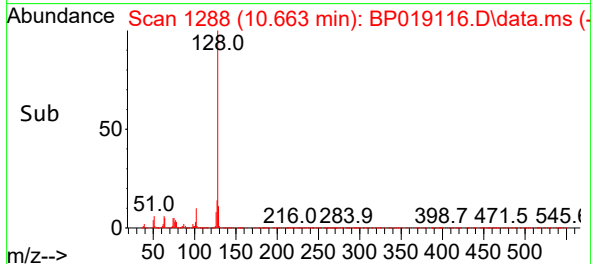
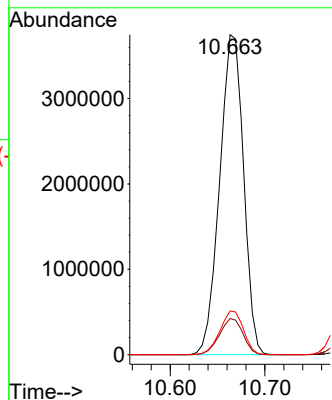
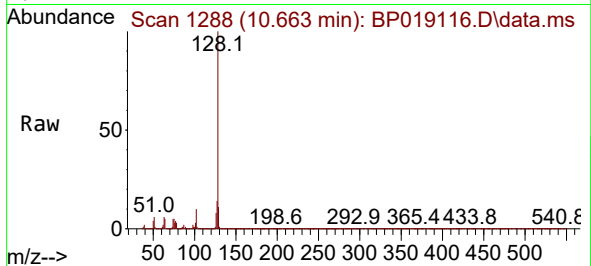




#30
Naphthalene
Concen: 137.177 ng/ul
RT: 10.663 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP019116.D
Acq: 27 Dec 2023 15:24

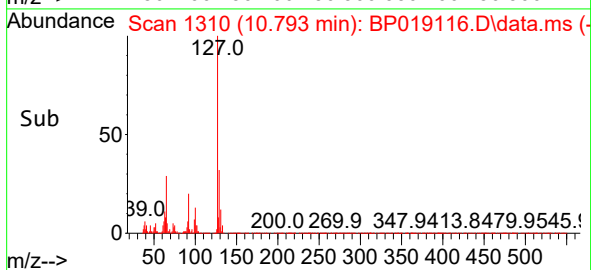
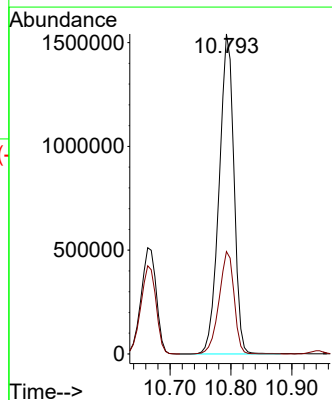
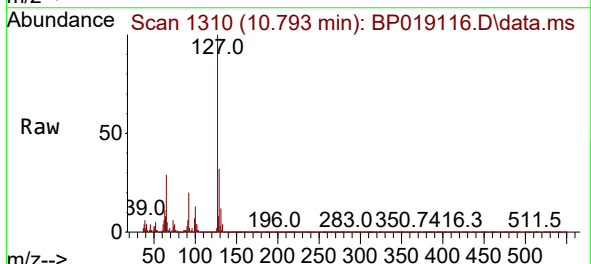
Instrument :
BNA_P
ClientSampleId :
SSTD160642

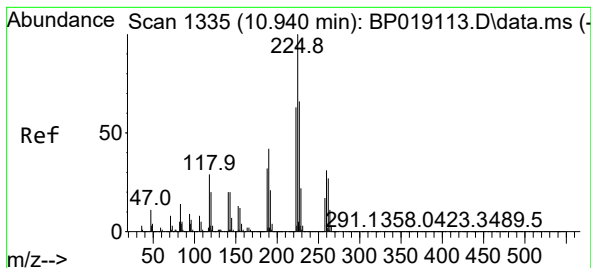
Tgt Ion:128 Resp: 6571106
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 13.7 10.6 15.8



#32
4-Chloroaniline
Concen: 146.924 ng/ul
RT: 10.793 min Scan# 1310
Delta R.T. 0.012 min
Lab File: BP019116.D
Acq: 27 Dec 2023 15:24

Tgt Ion:127 Resp: 2599186
Ion Ratio Lower Upper
127 100
129 32.0 25.6 38.4





#33

Hexachlorobutadiene

Concen: 153.862 ng/ul

RT: 10.946 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP019116.D

Acq: 27 Dec 2023 15:24

Instrument :

BNA_P

ClientSampleId :

SSTD160642

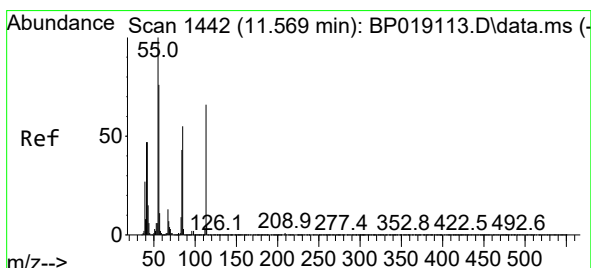
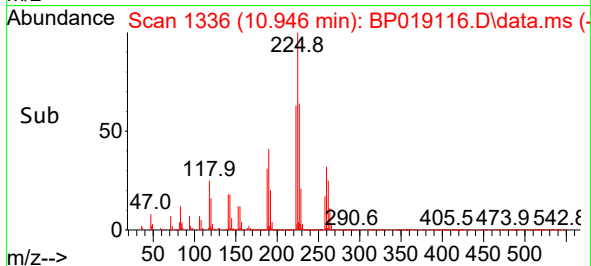
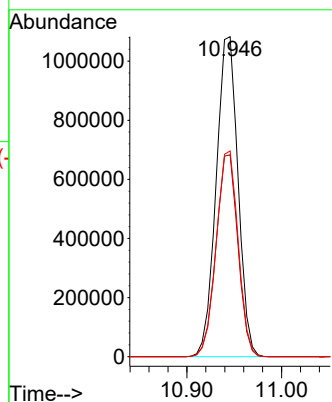
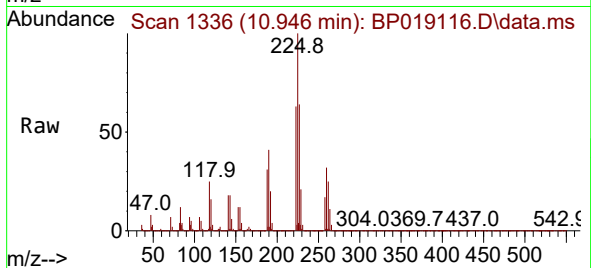
Tgt Ion:225 Resp: 1734377

Ion Ratio Lower Upper

225 100

223 63.1 50.5 75.7

227 64.3 53.0 79.4



#34

Caprolactam

Concen: 91.885 ng/ul

RT: 11.634 min Scan# 1453

Delta R.T. 0.065 min

Lab File: BP019116.D

Acq: 27 Dec 2023 15:24

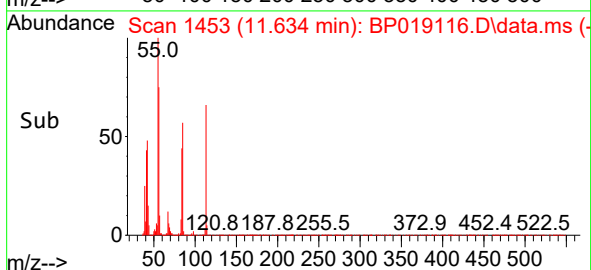
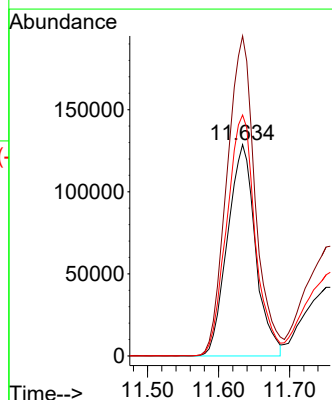
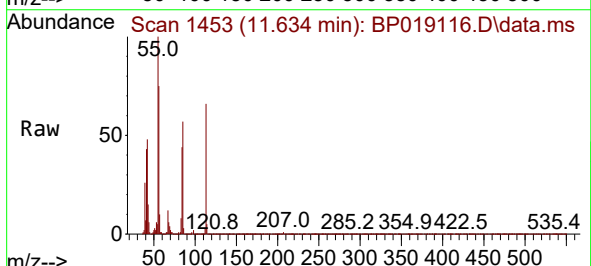
Tgt Ion:113 Resp: 352227

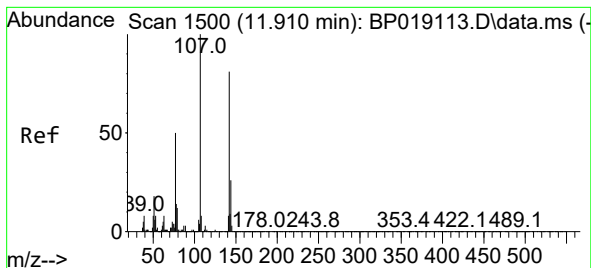
Ion Ratio Lower Upper

113 100

55 151.4 122.6 184.0

56 114.0 93.0 139.4

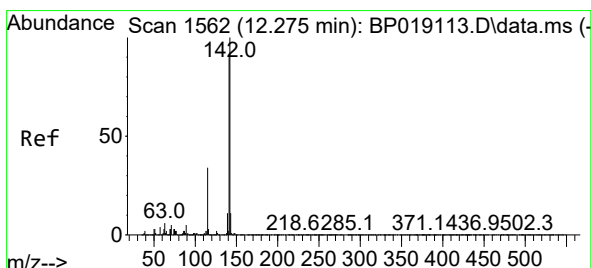
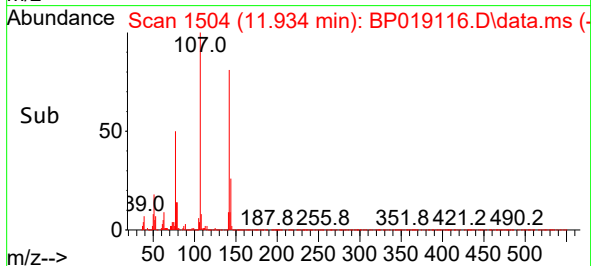
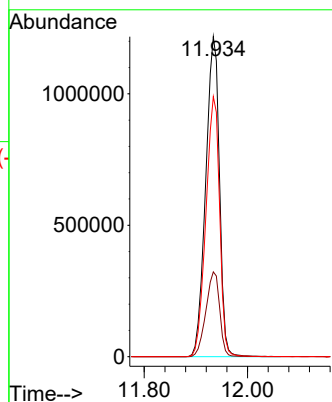
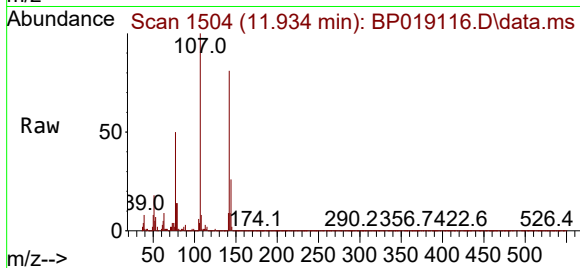




#35
4-Chloro-3-methylphenol
Concen: 156.006 ng/ul
RT: 11.934 min Scan# 1504
Delta R.T. 0.023 min
Lab File: BP019116.D
Acq: 27 Dec 2023 15:24

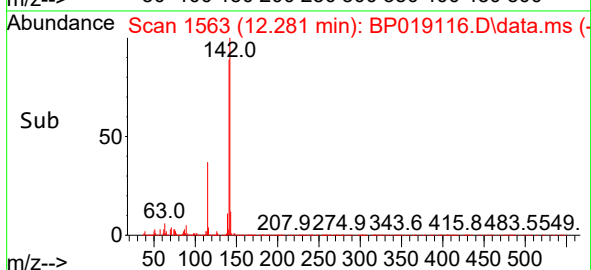
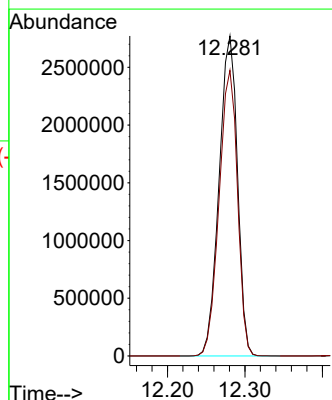
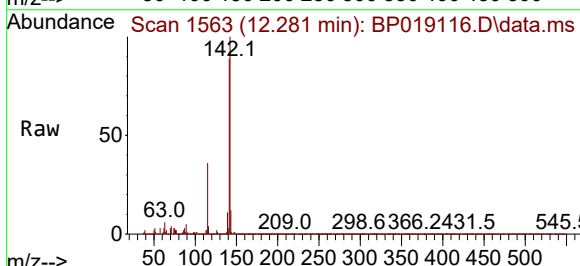
Instrument :
BNA_P
ClientSampleId :
SSTD160642

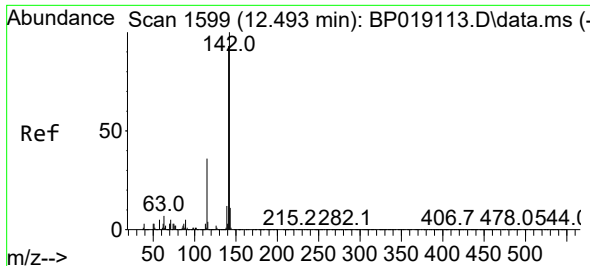
Tgt Ion:107 Resp: 2243072
Ion Ratio Lower Upper
107 100
144 26.5 21.0 31.6
142 81.2 64.8 97.2



#36
2-Methylnaphthalene
Concen: 141.688 ng/ul
RT: 12.281 min Scan# 1563
Delta R.T. 0.006 min
Lab File: BP019116.D
Acq: 27 Dec 2023 15:24

Tgt Ion:142 Resp: 4576098
Ion Ratio Lower Upper
142 100
141 89.3 71.7 107.5

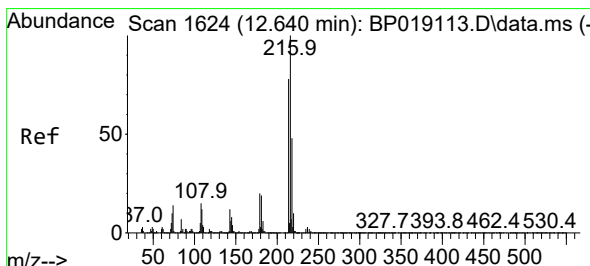
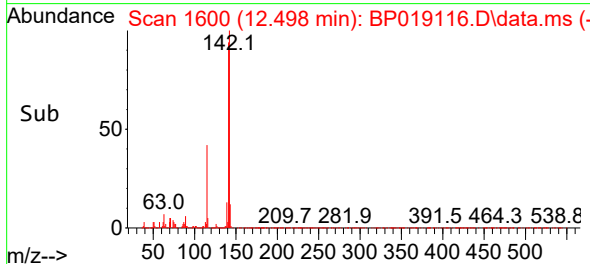
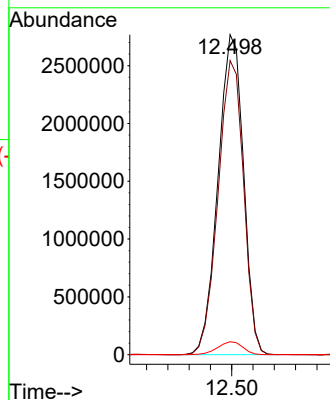
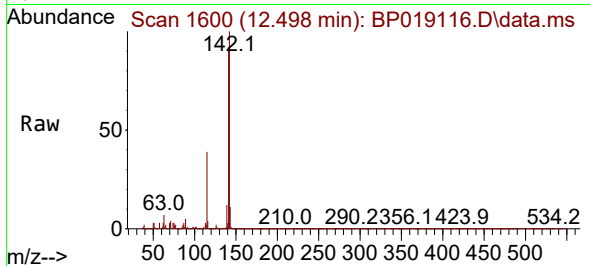




#37
1-Methylnaphthalene
Concen: 140.856 ng/ul
RT: 12.498 min Scan# 1599
Delta R.T. 0.006 min
Lab File: BP019116.D
Acq: 27 Dec 2023 15:24

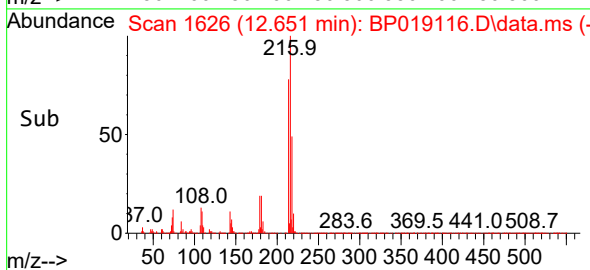
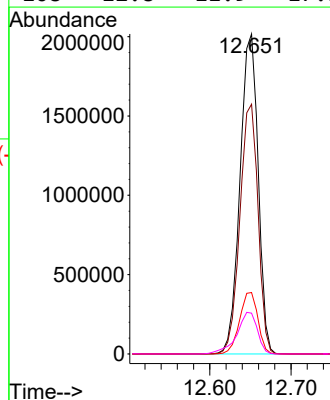
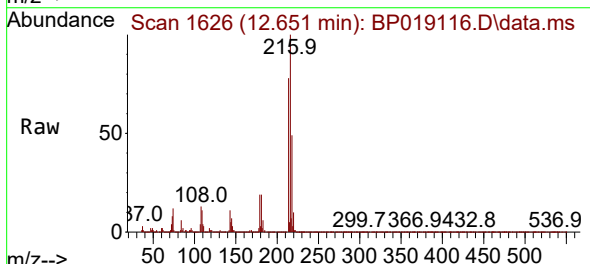
Instrument :
BNA_P
ClientSampleId :
SSTD160642

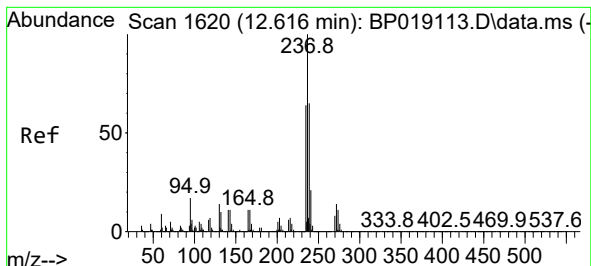
Tgt Ion:142 Resp: 4587524
Ion Ratio Lower Upper
142 100
141 91.9 74.4 111.6
116 4.1 3.0 4.4



#39
1,2,4,5-Tetrachlorobenzene
Concen: 152.067 ng/ul
RT: 12.651 min Scan# 1626
Delta R.T. 0.012 min
Lab File: BP019116.D
Acq: 27 Dec 2023 15:24

Tgt Ion:216 Resp: 3125186
Ion Ratio Lower Upper
216 100
214 78.0 62.6 94.0
179 19.2 15.8 23.8
108 12.8 11.9 17.9





#40

Hexachlorocyclopentadiene

Concen: 176.484 ng/ul

RT: 12.622 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP019116.D

Acq: 27 Dec 2023 15:24

Instrument :

BNA_P

ClientSampleId :

SSTD160642

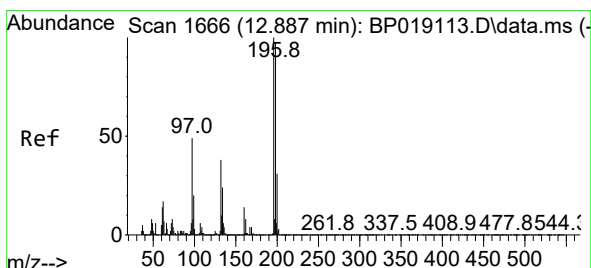
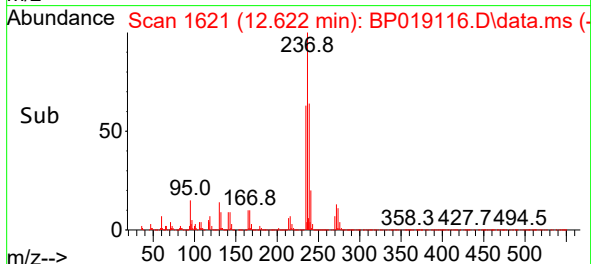
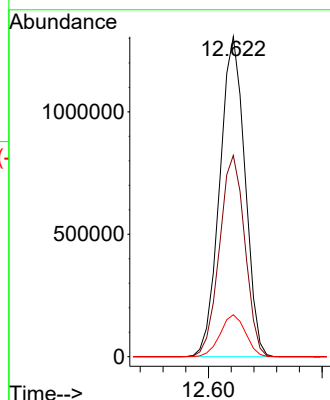
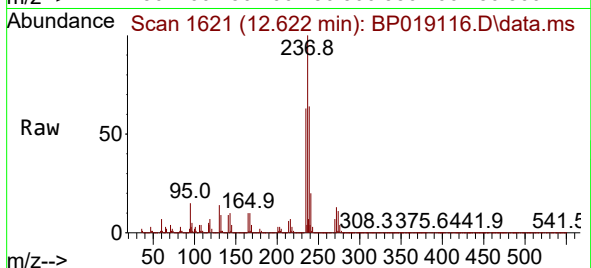
Tgt Ion:237 Resp: 2013202

Ion Ratio Lower Upper

237 100

235 62.9 51.2 76.8

272 13.1 10.9 16.3



#41

2,4,6-Trichlorophenol

Concen: 163.432 ng/ul

RT: 12.898 min Scan# 1668

Delta R.T. 0.012 min

Lab File: BP019116.D

Acq: 27 Dec 2023 15:24

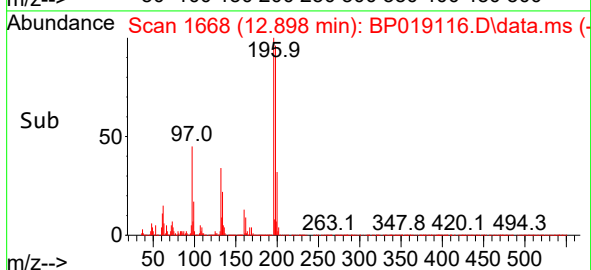
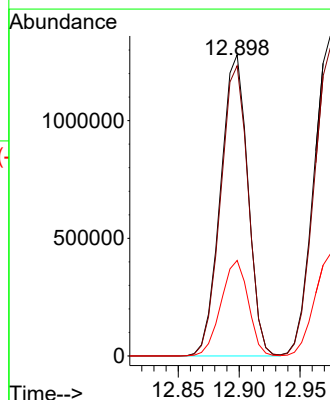
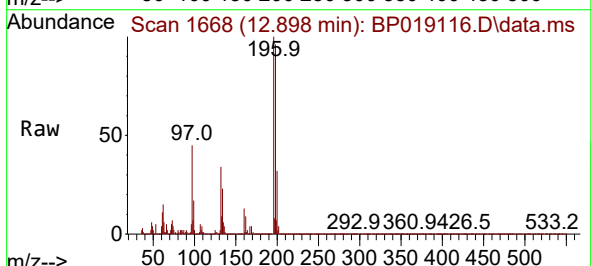
Tgt Ion:196 Resp: 2004461

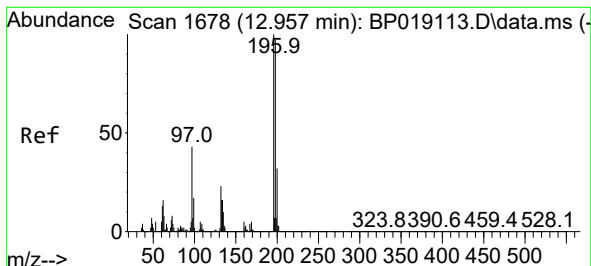
Ion Ratio Lower Upper

196 100

198 96.3 77.4 116.0

200 31.7 24.6 36.8





#42

2,4,5-Trichlorophenol

Concen: 165.350 ng/ul

RT: 12.975 min Scan# 1

Delta R.T. 0.017 min

Lab File: BP019116.D

Acq: 27 Dec 2023 15:24

Instrument :

BNA_P

ClientSampleId :

SSTD160642

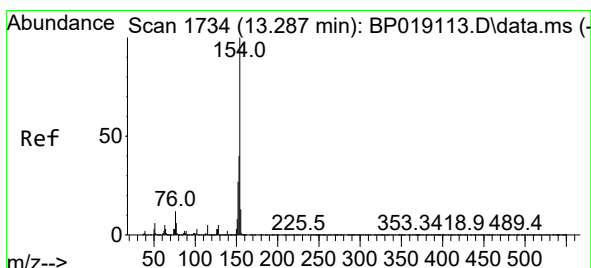
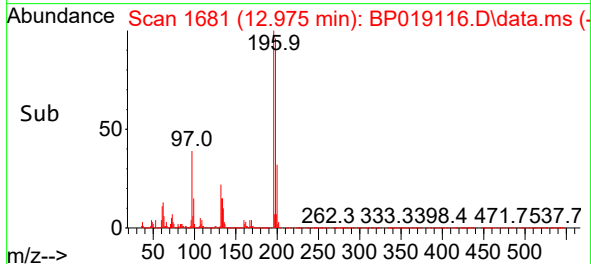
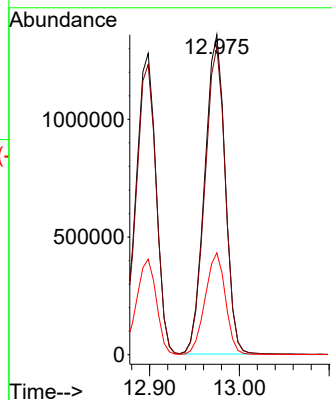
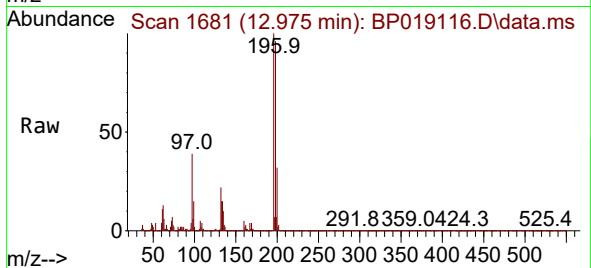
Tgt Ion:196 Resp: 2152742

Ion Ratio Lower Upper

196 100

198 96.3 77.3 115.9

200 31.8 25.7 38.5



#43

1,1'-Biphenyl

Concen: 137.111 ng/ul

RT: 13.298 min Scan# 1736

Delta R.T. 0.012 min

Lab File: BP019116.D

Acq: 27 Dec 2023 15:24

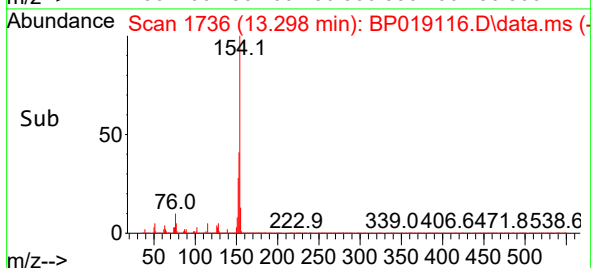
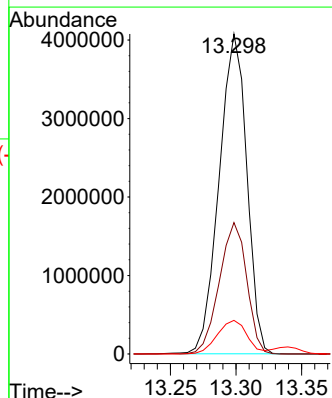
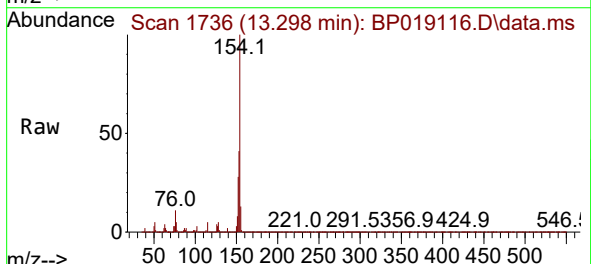
Tgt Ion:154 Resp: 5968292

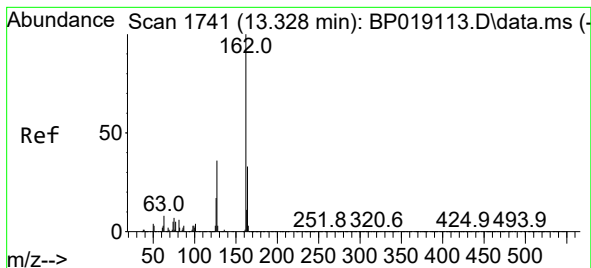
Ion Ratio Lower Upper

154 100

153 41.0 31.9 47.9

76 10.5 9.5 14.3





#44

2-Chloronaphthalene

Concen: 142.667 ng/ul

RT: 13.340 min Scan# 1743

Delta R.T. 0.012 min

Lab File: BP019116.D

Acq: 27 Dec 2023 15:24

Instrument :

BNA_P

ClientSampleId :

SSTD160642

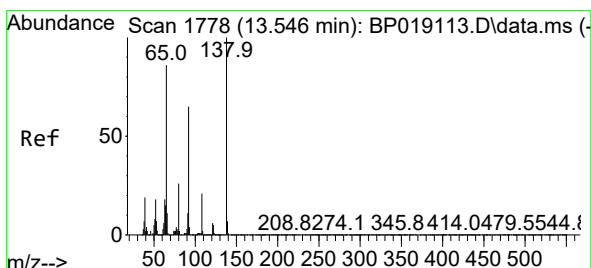
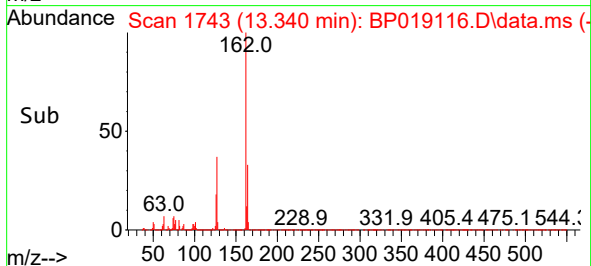
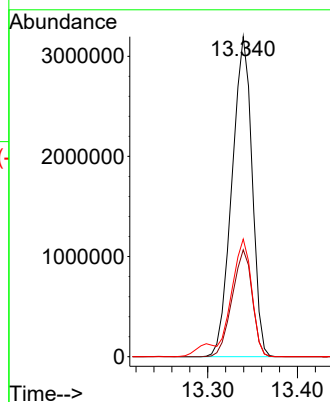
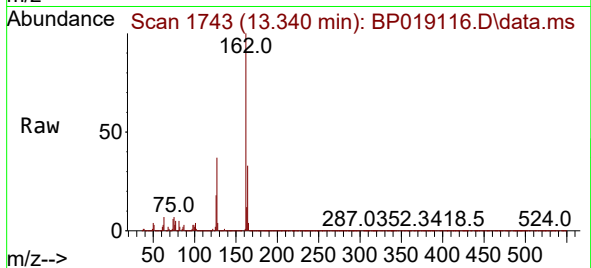
Tgt Ion:162 Resp: 4983051

Ion Ratio Lower Upper

162 100

164 33.4 26.2 39.4

127 36.7 28.8 43.2



#45

2-Nitroaniline

Concen: 166.812 ng/ul

RT: 13.563 min Scan# 1781

Delta R.T. 0.017 min

Lab File: BP019116.D

Acq: 27 Dec 2023 15:24

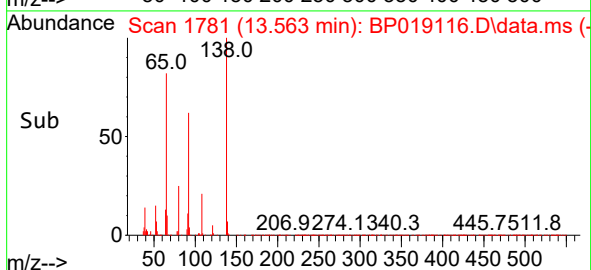
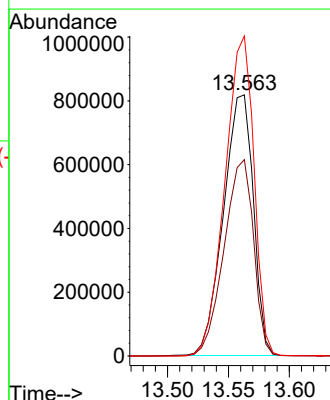
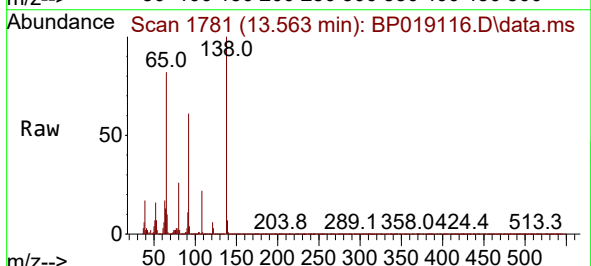
Tgt Ion: 65 Resp: 1398736

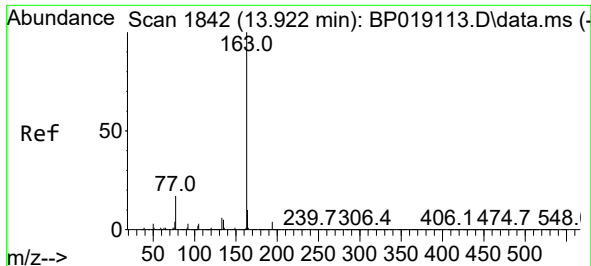
Ion Ratio Lower Upper

65 100

92 75.1 60.2 90.4

138 122.5 92.9 139.3

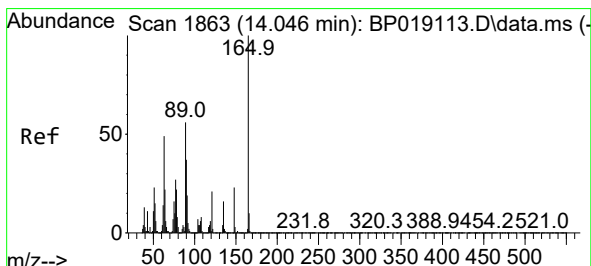
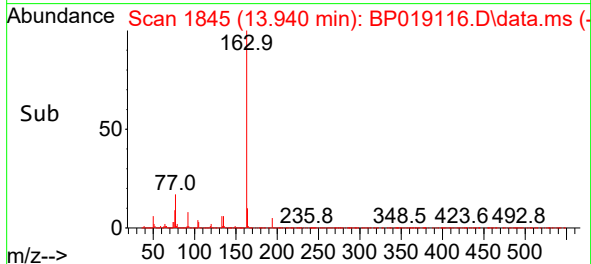
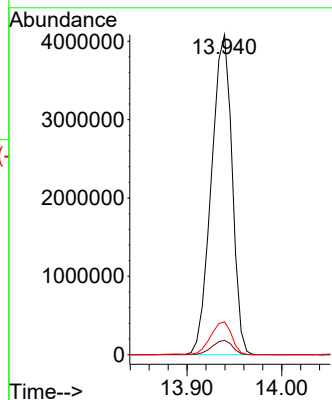
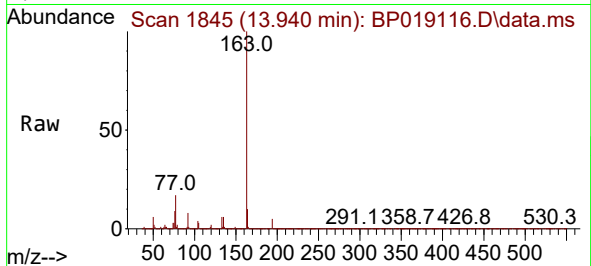




#47
Dimethylphthalate
Concen: 142.390 ng/ul
RT: 13.940 min Scan# 1845
Delta R.T. 0.017 min
Lab File: BP019116.D
Acq: 27 Dec 2023 15:24

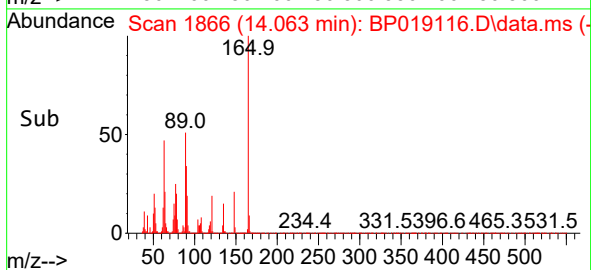
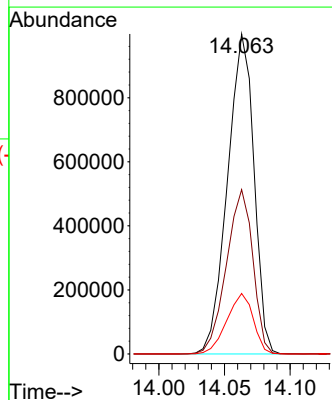
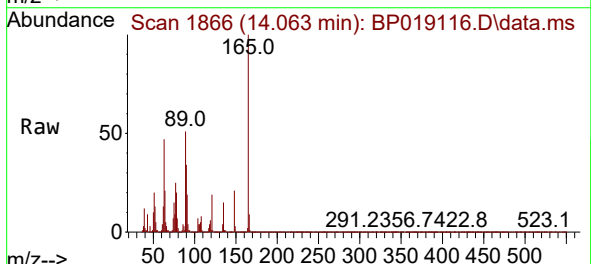
Instrument :
BNA_P
ClientSampleId :
SSTD160642

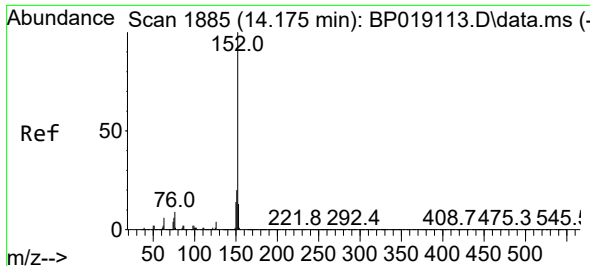
Tgt Ion:163 Resp: 6195034
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.2
164 10.3 8.1 12.1



#48
2,6-Dinitrotoluene
Concen: 175.310 ng/ul
RT: 14.063 min Scan# 1866
Delta R.T. 0.017 min
Lab File: BP019116.D
Acq: 27 Dec 2023 15:24

Tgt Ion:165 Resp: 1401569
Ion Ratio Lower Upper
165 100
89 51.3 45.1 67.7
121 18.9 16.7 25.1

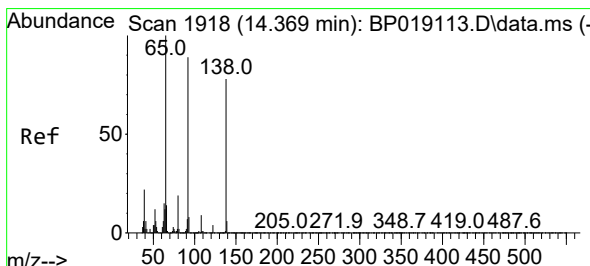
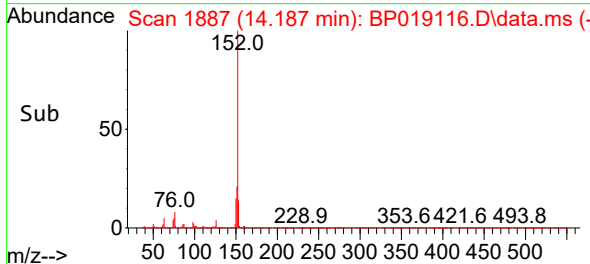
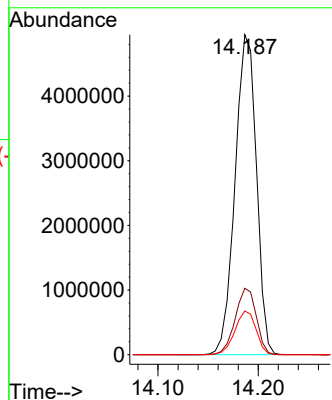
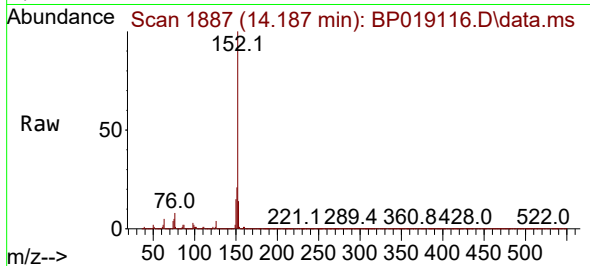




#50
Acenaphthylene
Concen: 136.576 ng/ul
RT: 14.187 min Scan# 1887
Delta R.T. 0.012 min
Lab File: BP019116.D
Acq: 27 Dec 2023 15:24

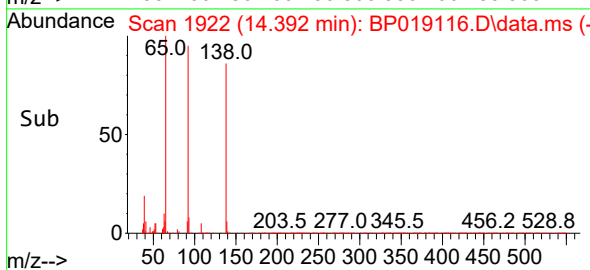
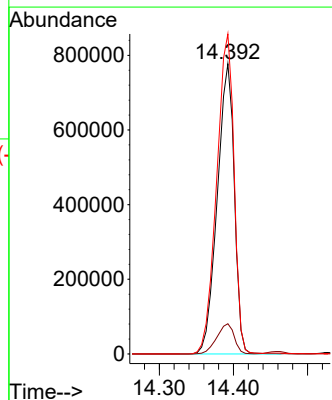
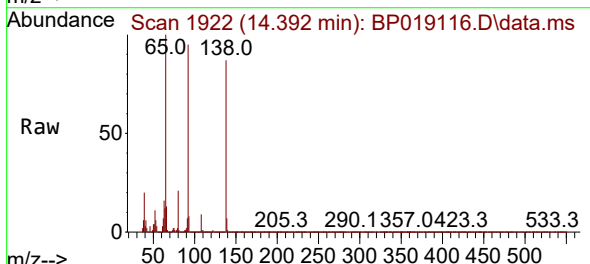
Instrument :
BNA_P
ClientSampleId :
SSTD160642

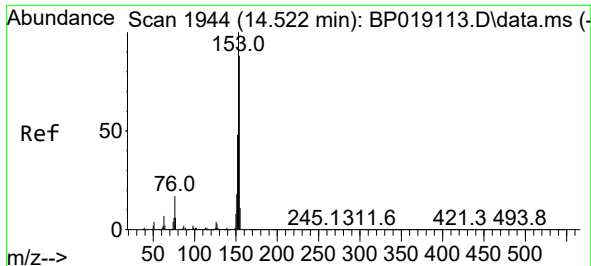
Tgt Ion:152 Resp: 7348856
Ion Ratio Lower Upper
152 100
151 20.7 15.9 23.9
153 13.6 10.6 15.8



#51
3-Nitroaniline
Concen: 158.822 ng/ul
RT: 14.392 min Scan# 1922
Delta R.T. 0.023 min
Lab File: BP019116.D
Acq: 27 Dec 2023 15:24

Tgt Ion:138 Resp: 1241324
Ion Ratio Lower Upper
138 100
108 10.4 9.8 14.6
92 110.2 91.9 137.9

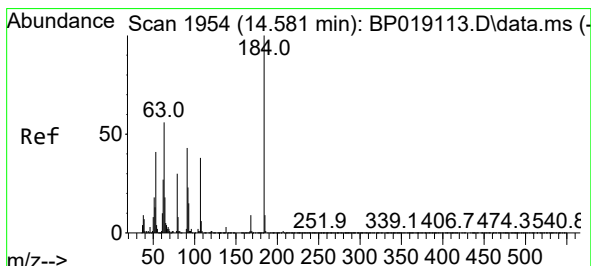
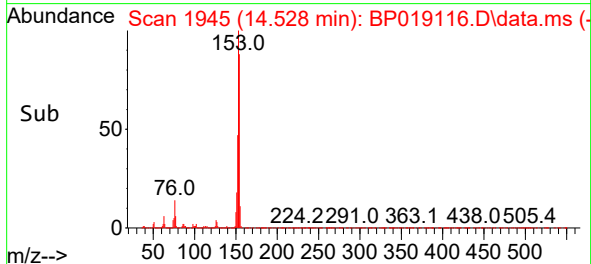
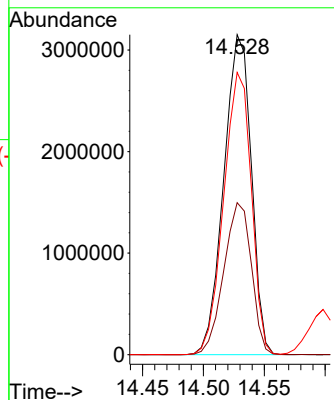
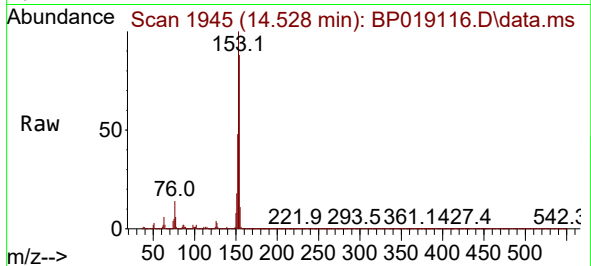




#52
Acenaphthene
Concen: 135.946 ng/ul
RT: 14.528 min Scan# 1944
Delta R.T. 0.006 min
Lab File: BP019116.D
Acq: 27 Dec 2023 15:24

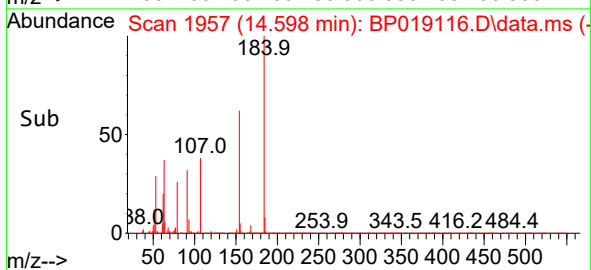
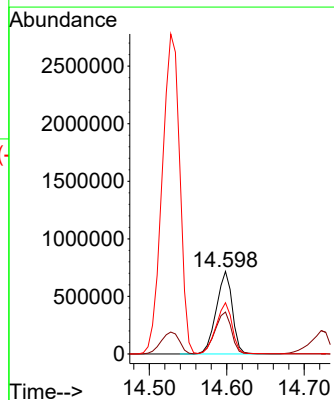
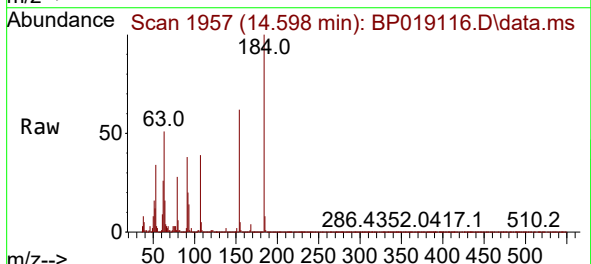
Instrument :
BNA_P
ClientSampleId :
SSTD160642

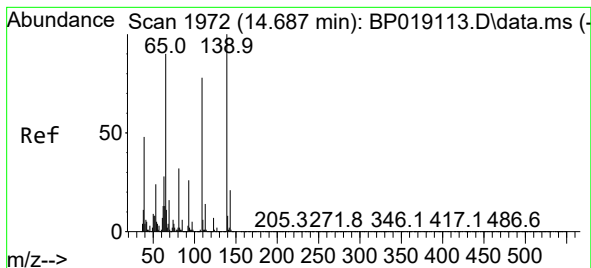
Tgt Ion:153 Resp: 4957734
Ion Ratio Lower Upper
153 100
152 47.5 38.1 57.1
154 88.2 70.1 105.1



#53
2,4-Dinitrophenol
Concen: 199.624 ng/ul
RT: 14.598 min Scan# 1957
Delta R.T. 0.017 min
Lab File: BP019116.D
Acq: 27 Dec 2023 15:24

Tgt Ion:184 Resp: 1028182
Ion Ratio Lower Upper
184 100
63 50.9 48.5 72.7
154 62.1 49.3 73.9

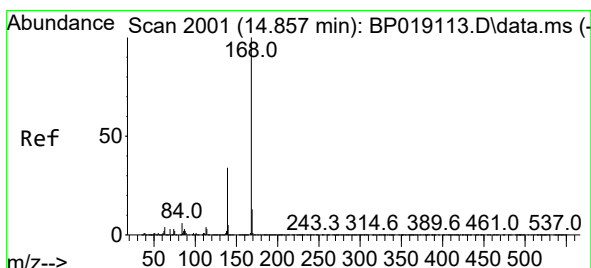
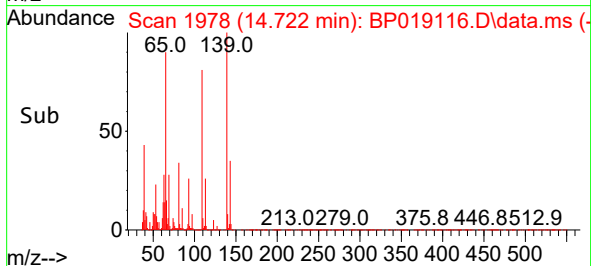
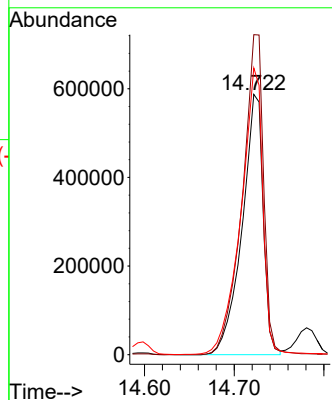
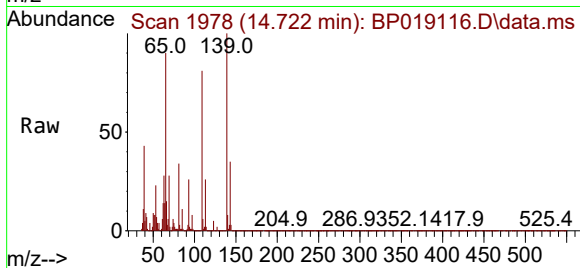




#55
4-Nitrophenol
Concen: 160.420 ng/ul
RT: 14.722 min Scan# 1972
Delta R.T. 0.035 min
Lab File: BP019116.D
Acq: 27 Dec 2023 15:24

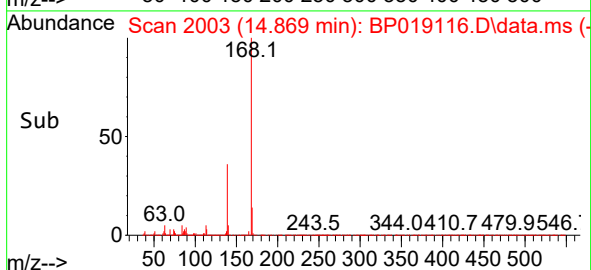
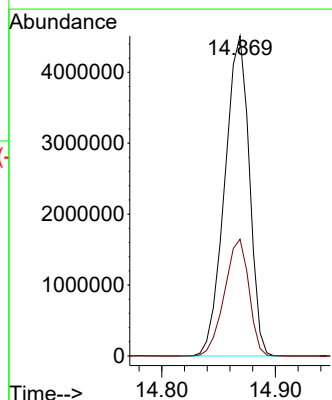
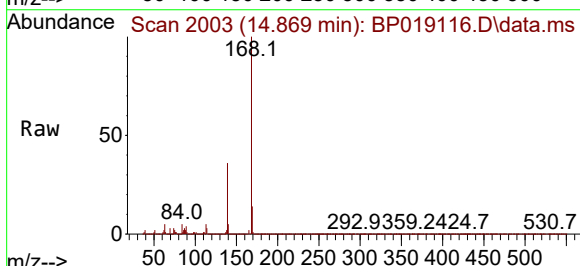
Instrument :
BNA_P
ClientSampleId :
SSTD160642

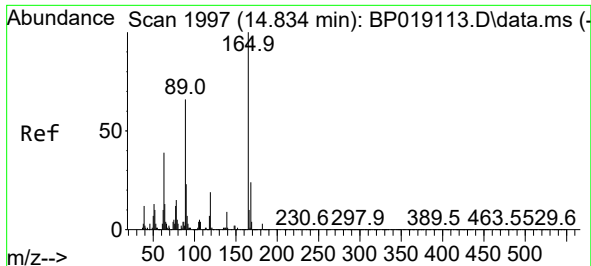
Tgt Ion:109 Resp: 954203
Ion Ratio Lower Upper
109 100
139 122.9 102.6 154.0
65 110.2 92.9 139.3



#56
Dibenzofuran
Concen: 130.281 ng/ul
RT: 14.869 min Scan# 2003
Delta R.T. 0.012 min
Lab File: BP019116.D
Acq: 27 Dec 2023 15:24

Tgt Ion:168 Resp: 6784897
Ion Ratio Lower Upper
168 100
139 36.5 27.4 41.0

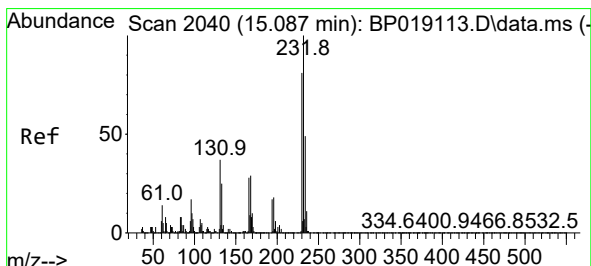
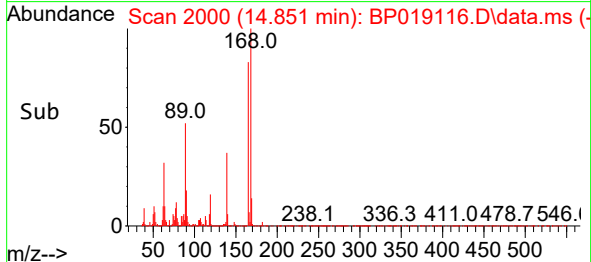
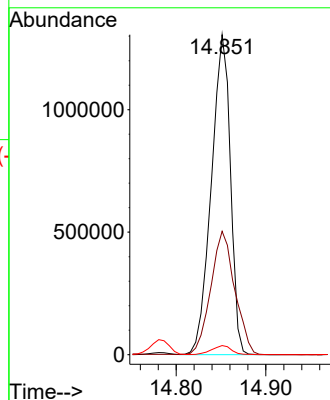
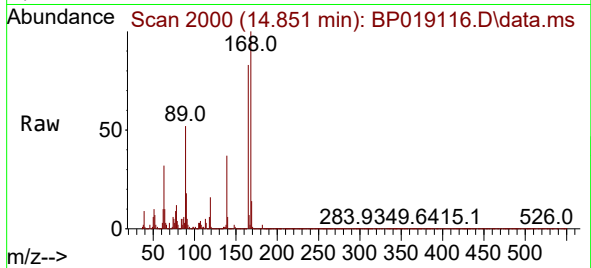




#57
2,4-Dinitrotoluene
Concen: 163.874 ng/ul
RT: 14.851 min Scan# 2000
Delta R.T. 0.017 min
Lab File: BP019116.D
Acq: 27 Dec 2023 15:24

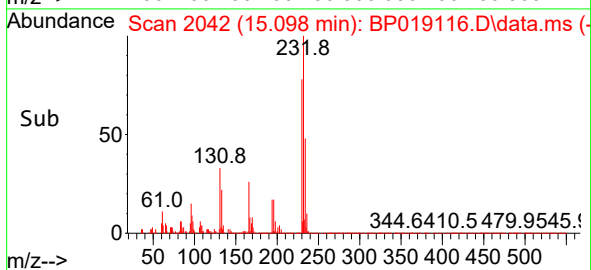
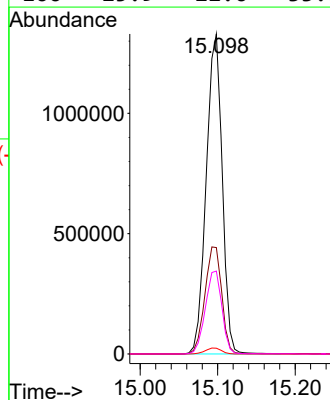
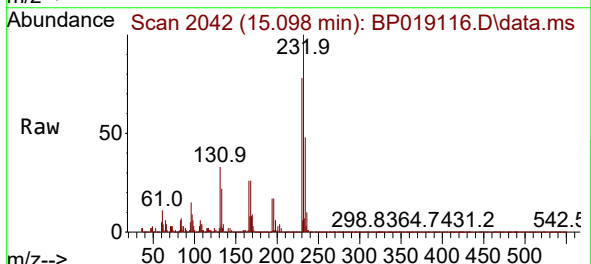
Instrument :
BNA_P
ClientSampleId :
SSTD160642

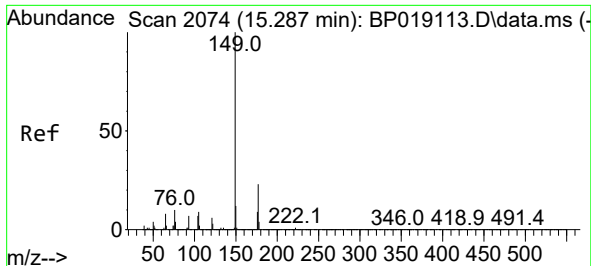
Tgt Ion:165 Resp: 1926805
Ion Ratio Lower Upper
165 100
63 38.5 31.5 47.3
182 2.8 2.2 3.4



#58
2,3,4,6-Tetrachlorophenol
Concen: 167.273 ng/ul
RT: 15.098 min Scan# 2042
Delta R.T. 0.012 min
Lab File: BP019116.D
Acq: 27 Dec 2023 15:24

Tgt Ion:232 Resp: 1902719
Ion Ratio Lower Upper
232 100
131 33.3 29.3 43.9
130 1.8 1.4 2.2
166 25.9 22.6 33.8

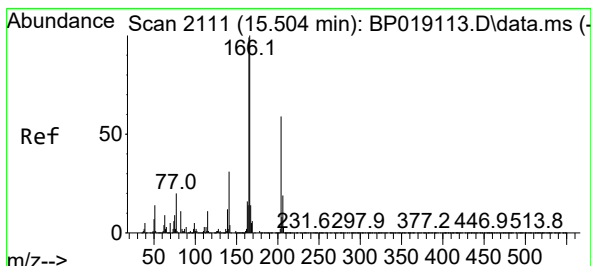
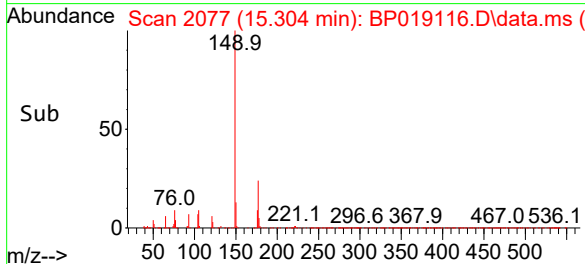
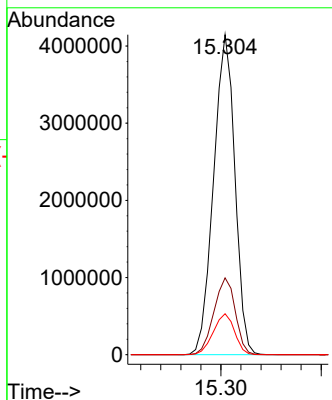
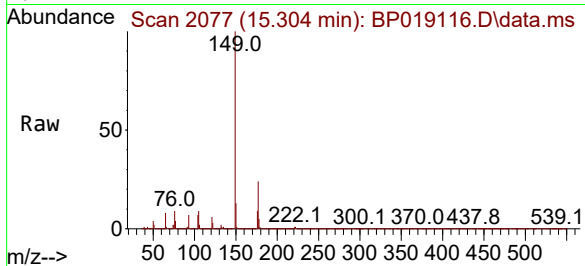




#59
Diethylphthalate
Concen: 144.858 ng/ul
RT: 15.304 min Scan# 2074
Delta R.T. 0.017 min
Lab File: BP019116.D
Acq: 27 Dec 2023 15:24

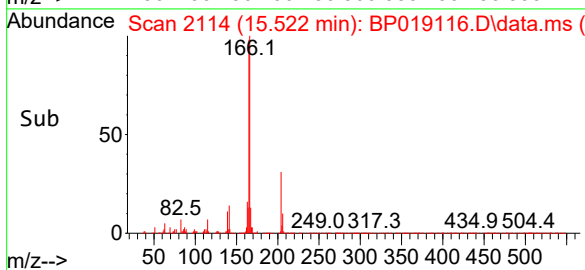
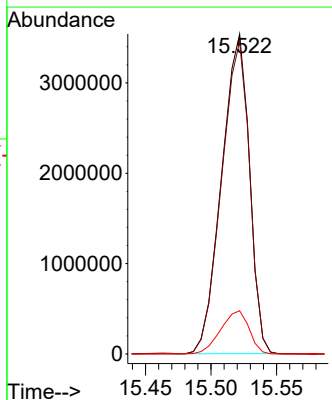
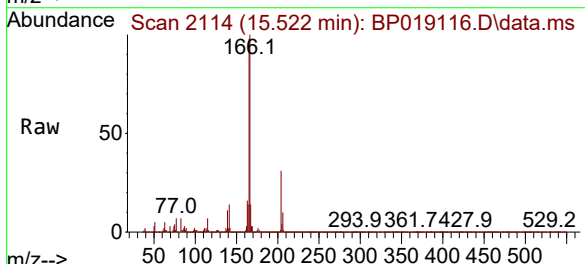
Instrument :
BNA_P
ClientSampleId :
SSTD160642

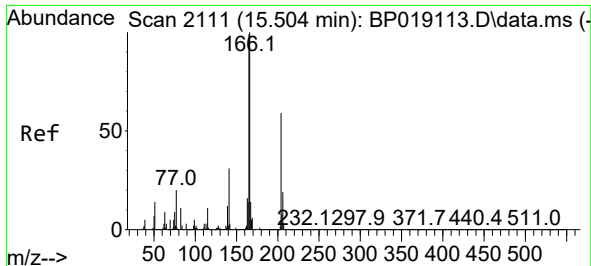
Tgt Ion:149 Resp: 6110741
Ion Ratio Lower Upper
149 100
177 24.0 18.7 28.1
150 12.8 9.8 14.8



#61
Fluorene
Concen: 125.297 ng/ul
RT: 15.522 min Scan# 2114
Delta R.T. 0.017 min
Lab File: BP019116.D
Acq: 27 Dec 2023 15:24

Tgt Ion:166 Resp: 5222829
Ion Ratio Lower Upper
166 100
165 97.6 79.3 118.9
167 13.5 11.0 16.4

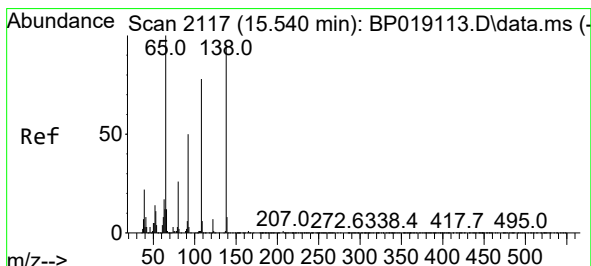
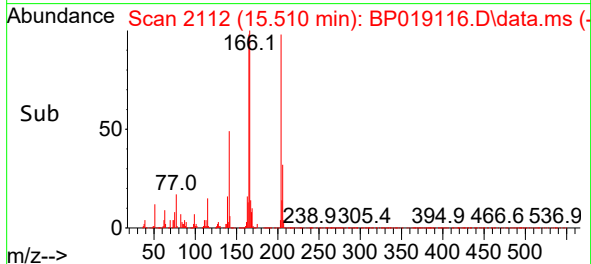
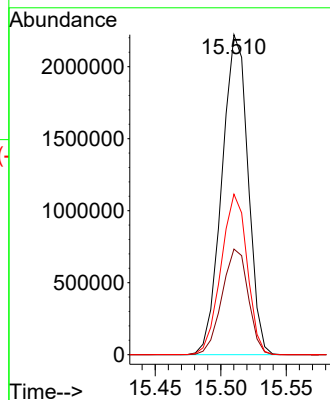
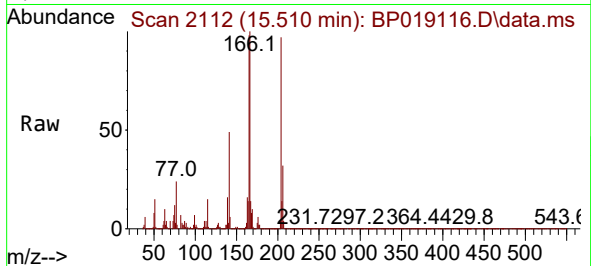




#62
4-Chlorophenyl-phenylether
Concen: 135.328 ng/ul
RT: 15.510 min Scan# 2111
Delta R.T. 0.006 min
Lab File: BP019116.D
Acq: 27 Dec 2023 15:24

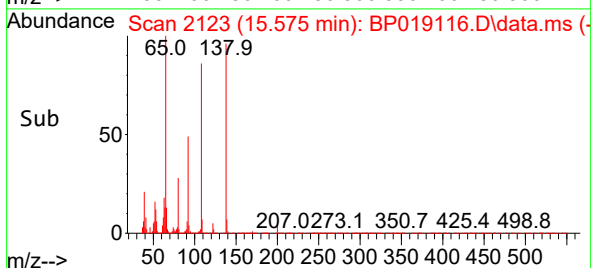
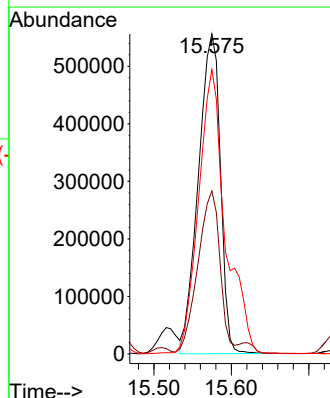
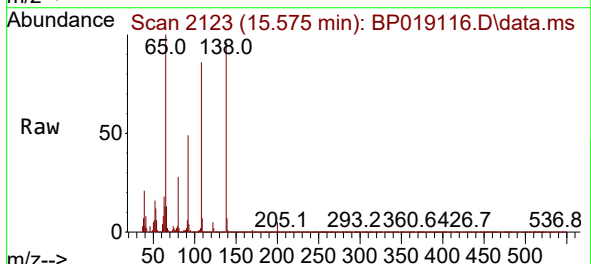
Instrument :
BNA_P
ClientSampleId :
SSTD160642

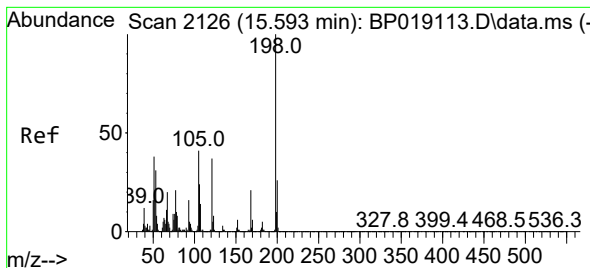
Tgt Ion:204 Resp: 3080565
Ion Ratio Lower Upper
204 100
206 33.0 26.3 39.5
141 50.2 42.2 63.2



#63
4-Nitroaniline
Concen: 143.181 ng/ul
RT: 15.575 min Scan# 2123
Delta R.T. 0.035 min
Lab File: BP019116.D
Acq: 27 Dec 2023 15:24

Tgt Ion:138 Resp: 1096223
Ion Ratio Lower Upper
138 100
92 50.9 42.2 63.4
108 88.9 66.2 99.4

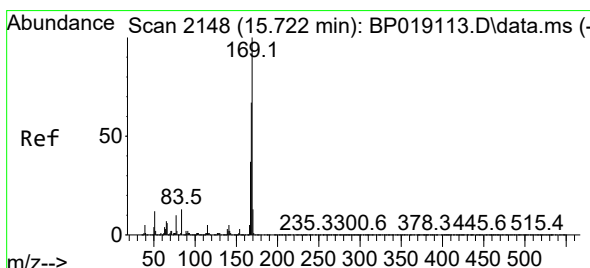
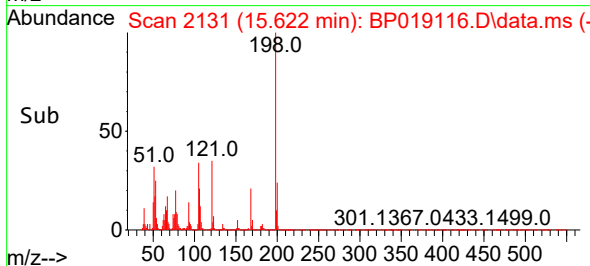
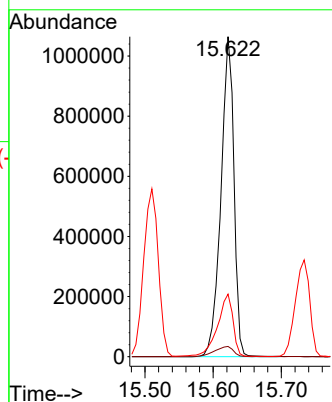
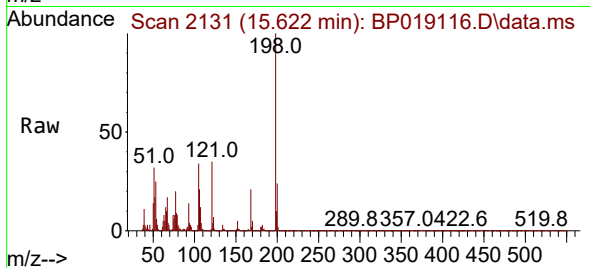




#66
4,6-Dinitro-2-methylphenol
Concen: 171.859 ng/ul
RT: 15.622 min Scan# 211
Delta R.T. 0.029 min
Lab File: BP019116.D
Acq: 27 Dec 2023 15:24

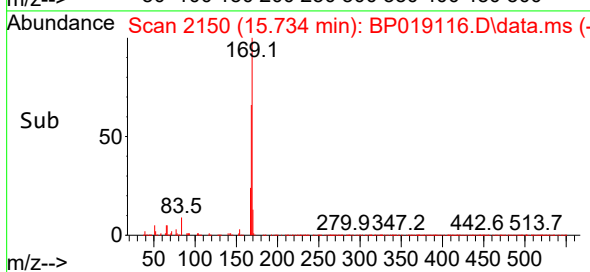
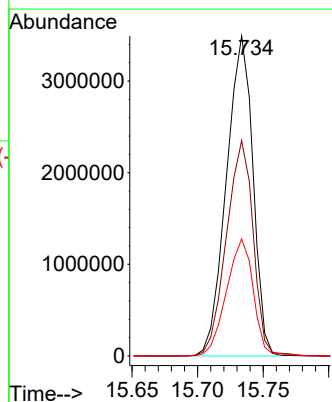
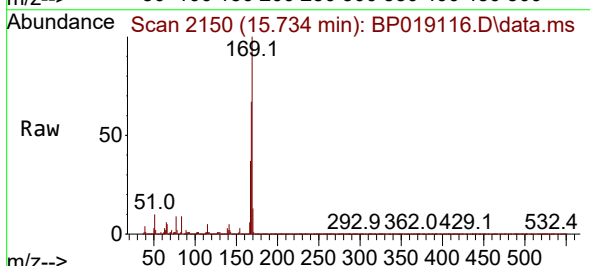
Instrument :
BNA_P
ClientSampleId :
SSTD160642

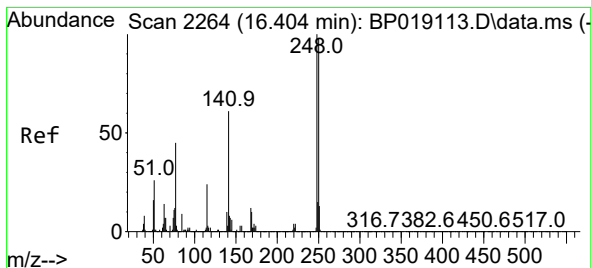
Tgt Ion:198 Resp: 1412233
Ion Ratio Lower Upper
198 100
182 3.2 4.0 6.0#
77 19.6 17.4 26.2



#67
N-Nitrosodiphenylamine
Concen: 135.970 ng/ul
RT: 15.734 min Scan# 2150
Delta R.T. 0.012 min
Lab File: BP019116.D
Acq: 27 Dec 2023 15:24

Tgt Ion:169 Resp: 4912810
Ion Ratio Lower Upper
169 100
168 67.3 53.8 80.8
167 36.6 29.5 44.3





#68

4-Bromophenyl-phenylether

Concen: 159.047 ng/ul

RT: 16.410 min Scan# 2265

Delta R.T. 0.006 min

Lab File: BP019116.D

Acq: 27 Dec 2023 15:24

Instrument :

BNA_P

ClientSampleId :

SSTD160642

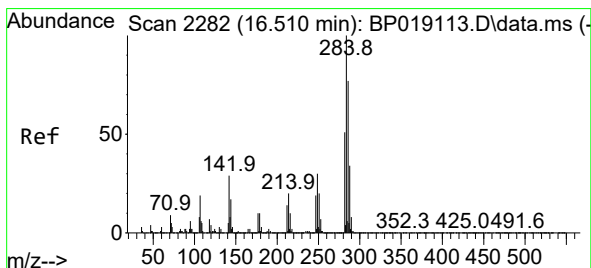
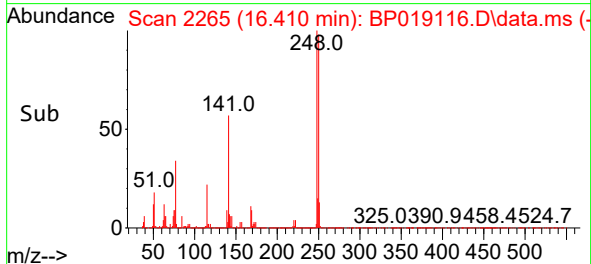
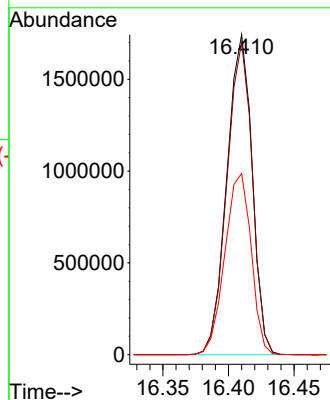
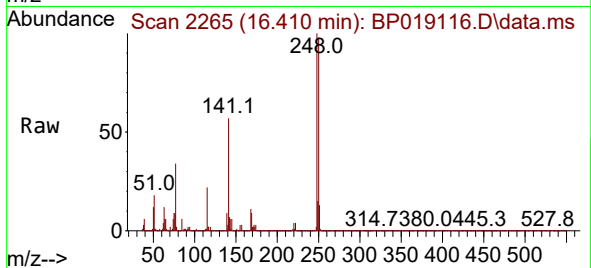
Tgt Ion:248 Resp: 2340303

Ion Ratio Lower Upper

248 100

250 97.6 78.3 117.5

141 56.7 48.6 72.8



#69

Hexachlorobenzene

Concen: 152.580 ng/ul

RT: 16.522 min Scan# 2284

Delta R.T. 0.012 min

Lab File: BP019116.D

Acq: 27 Dec 2023 15:24

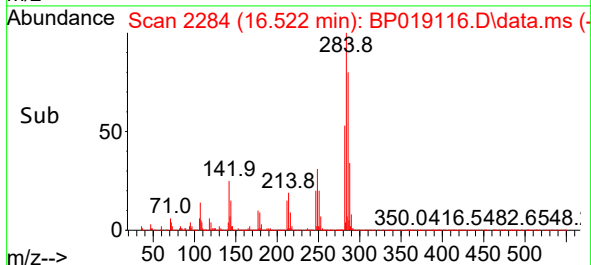
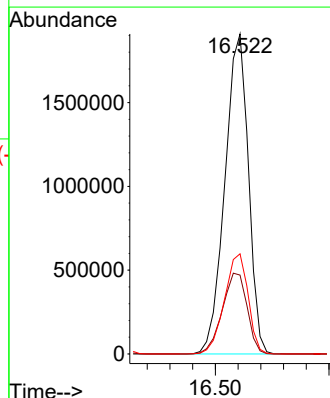
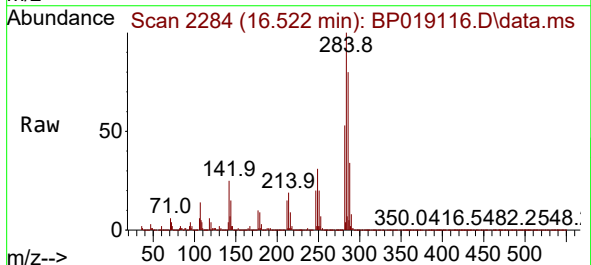
Tgt Ion:284 Resp: 2743749

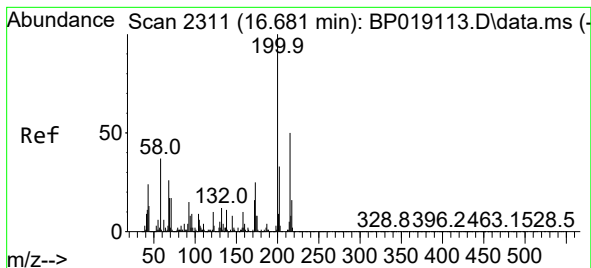
Ion Ratio Lower Upper

284 100

142 24.7 22.9 34.3

249 31.3 23.7 35.5





#70

Atrazine

Concen: 121.412 ng/ul

RT: 16.698 min Scan# 21

Delta R.T. 0.017 min

Lab File: BP019116.D

Acq: 27 Dec 2023 15:24

Instrument :

BNA_P

ClientSampleId :

SSTD160642

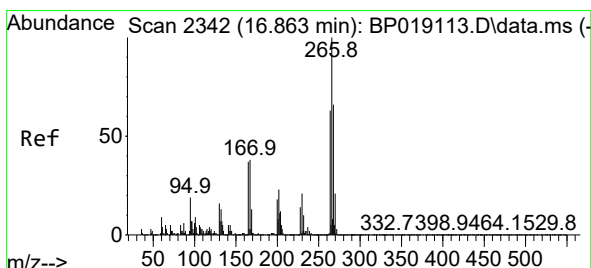
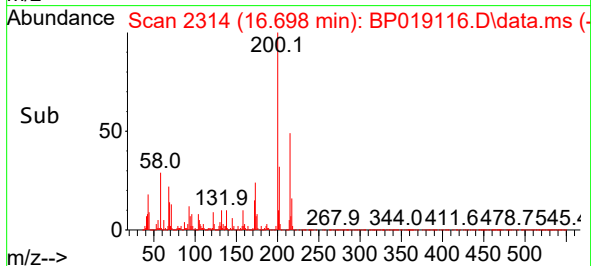
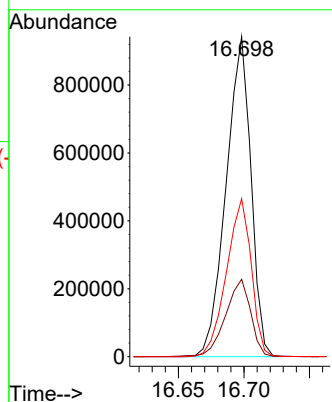
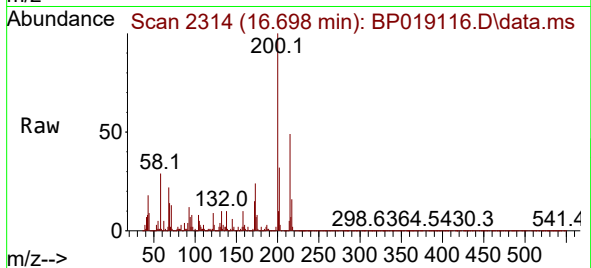
Tgt Ion:200 Resp: 1238023

Ion Ratio Lower Upper

200 100

173 24.2 20.2 30.2

215 49.3 39.9 59.9



#71

Pentachlorophenol

Concen: 174.447 ng/ul

RT: 16.869 min Scan# 2343

Delta R.T. 0.006 min

Lab File: BP019116.D

Acq: 27 Dec 2023 15:24

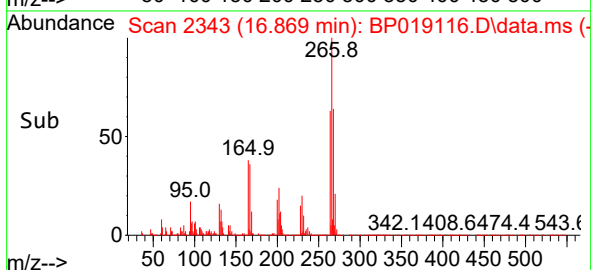
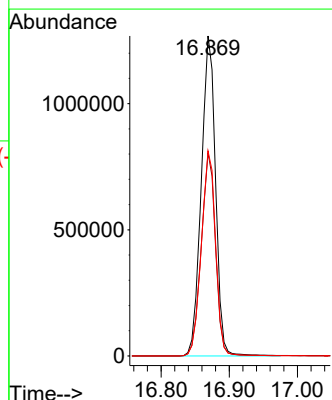
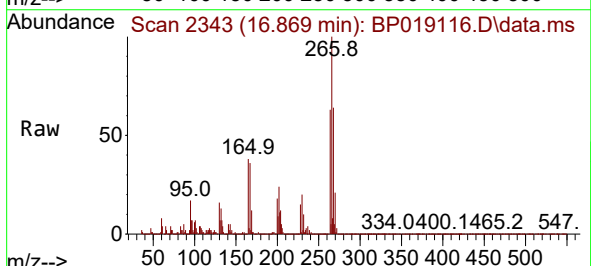
Tgt Ion:266 Resp: 1841768

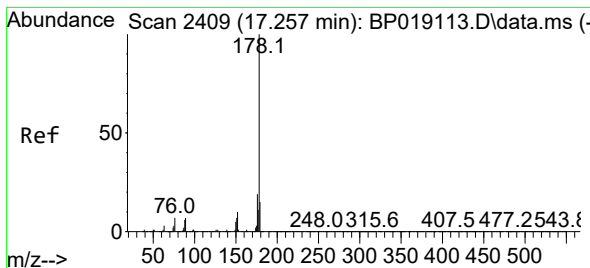
Ion Ratio Lower Upper

266 100

264 63.5 50.0 75.0

268 64.0 52.8 79.2





#72

Phenanthrene

Concen: 133.011 ng/ul

RT: 17.263 min Scan# 2410

Delta R.T. 0.006 min

Lab File: BP019116.D

Acq: 27 Dec 2023 15:24

Instrument :

BNA_P

ClientSampleId :

SSTD160642

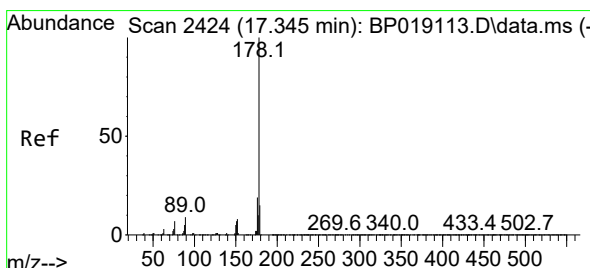
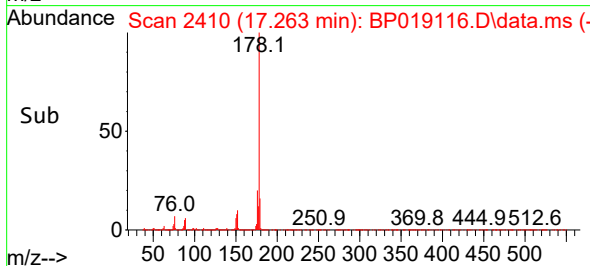
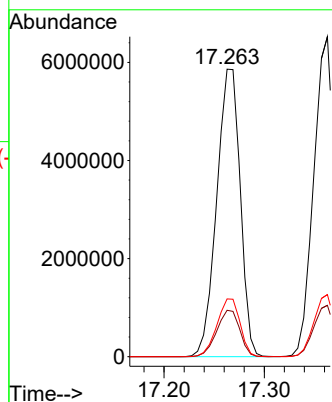
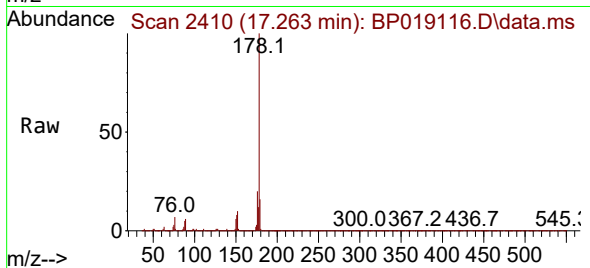
Tgt Ion:178 Resp: 9542858

Ion Ratio Lower Upper

178 100

179 16.2 11.9 17.9

176 20.1 15.0 22.6



#74

Anthracene

Concen: 130.436 ng/ul

RT: 17.363 min Scan# 2427

Delta R.T. 0.017 min

Lab File: BP019116.D

Acq: 27 Dec 2023 15:24

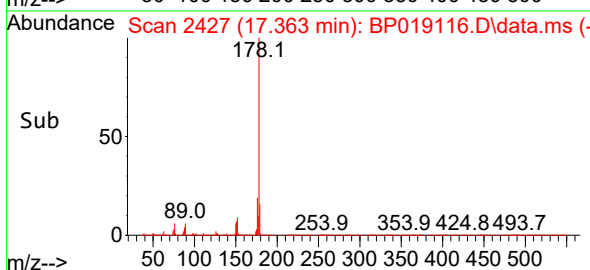
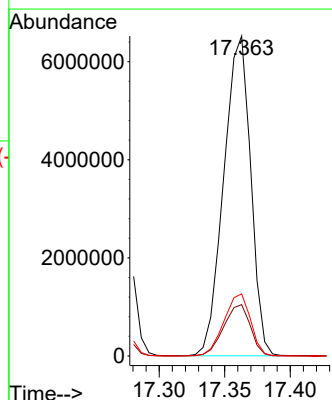
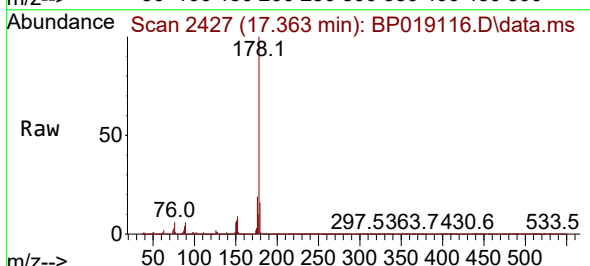
Tgt Ion:178 Resp: 9316360

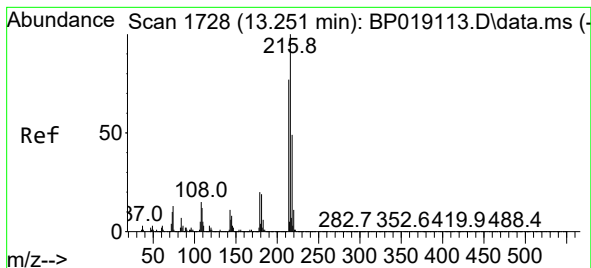
Ion Ratio Lower Upper

178 100

179 16.0 12.2 18.4

176 19.4 14.9 22.3





#75

1,2,3,4-Tetrachlorobenzene

Concen: 152.911 ng/uL

RT: 13.257 min Scan# 1729

Delta R.T. 0.006 min

Lab File: BP019116.D

Acq: 27 Dec 2023 15:24

Instrument :

BNA_P

ClientSampleId :

SSTD160642

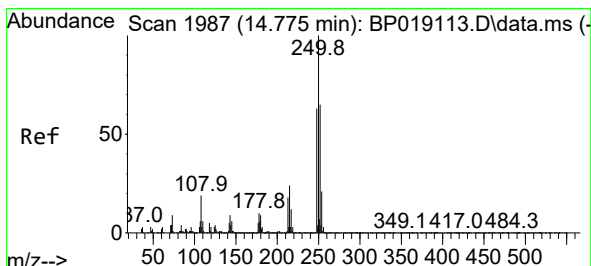
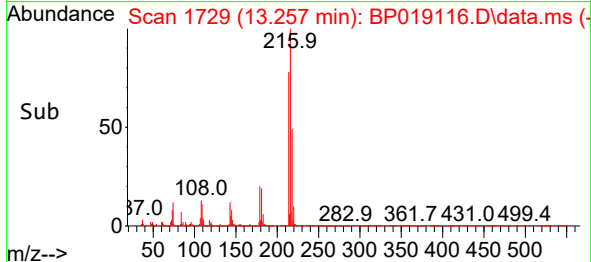
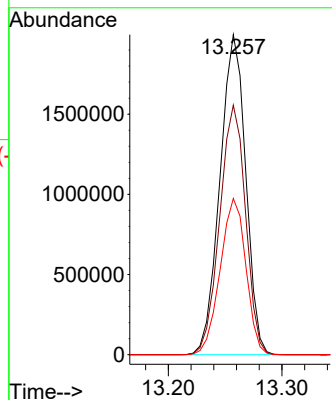
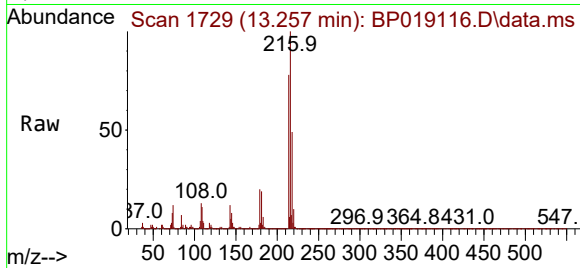
Tgt Ion:216 Resp: 3147581

Ion Ratio Lower Upper

216 100

214 78.0 61.6 92.4

218 48.8 38.9 58.3



#76

Pentachlorobenzene

Concen: 147.739 ng/uL

RT: 14.781 min Scan# 1988

Delta R.T. 0.006 min

Lab File: BP019116.D

Acq: 27 Dec 2023 15:24

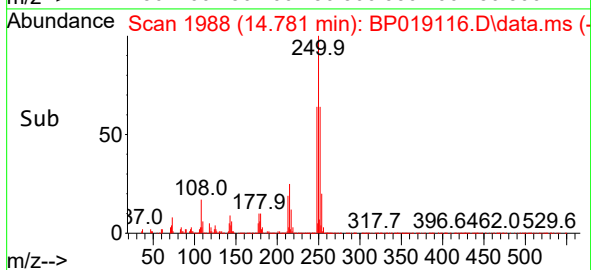
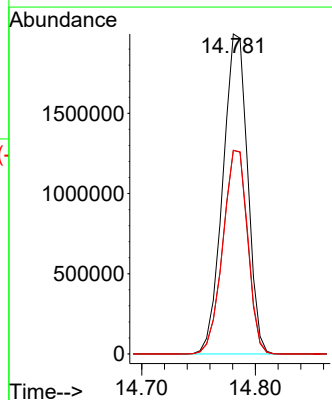
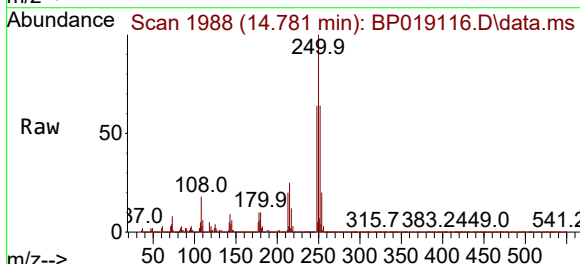
Tgt Ion:250 Resp: 3021936

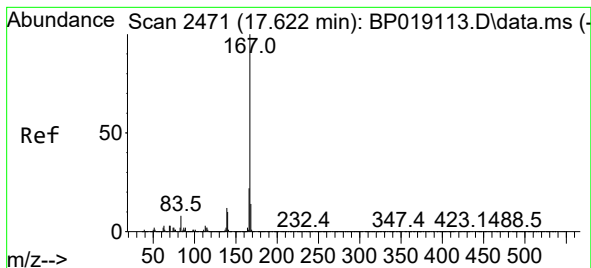
Ion Ratio Lower Upper

250 100

248 63.7 50.4 75.6

252 63.6 52.1 78.1





#77

Carbazole

Concen: 141.944 ng/ul

RT: 17.633 min Scan# 2473

Delta R.T. 0.012 min

Lab File: BP019116.D

Acq: 27 Dec 2023 15:24

Instrument :

BNA_P

ClientSampleId :

SSTD160642

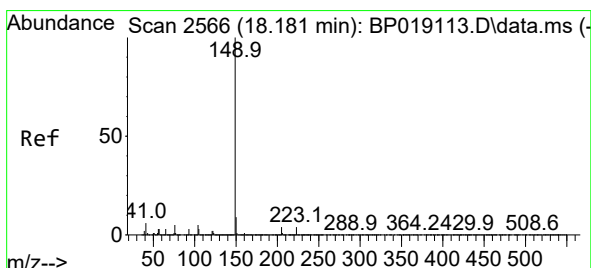
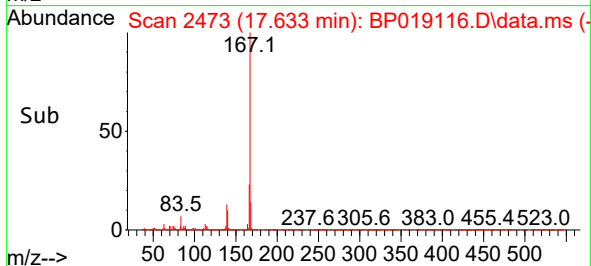
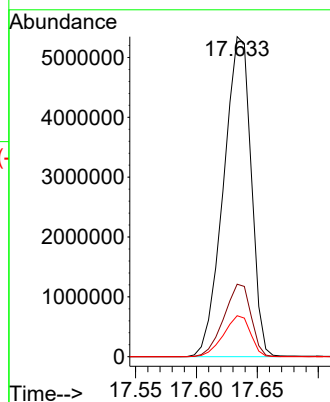
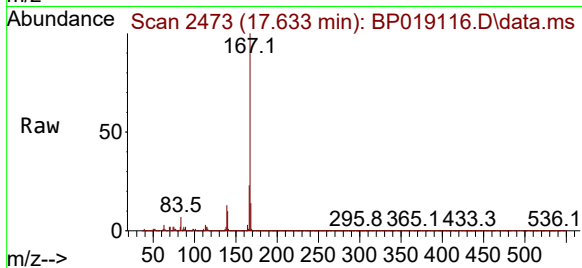
Tgt Ion:167 Resp: 8433105

Ion Ratio Lower Upper

167 100

166 22.7 17.4 26.0

139 12.8 9.8 14.6



#78

Di-n-butylphthalate

Concen: 138.494 ng/ul

RT: 18.186 min Scan# 2567

Delta R.T. 0.006 min

Lab File: BP019116.D

Acq: 27 Dec 2023 15:24

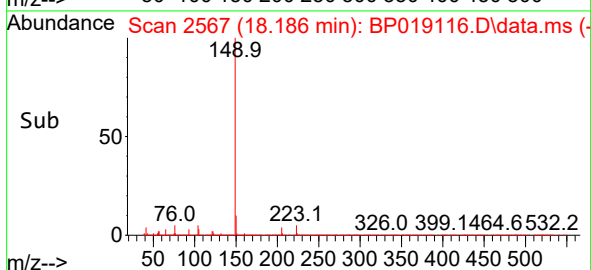
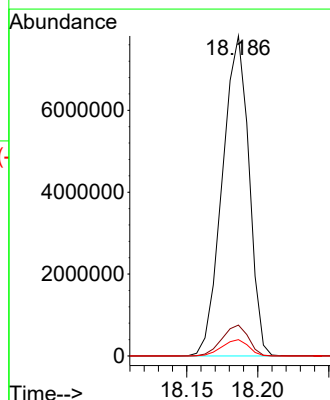
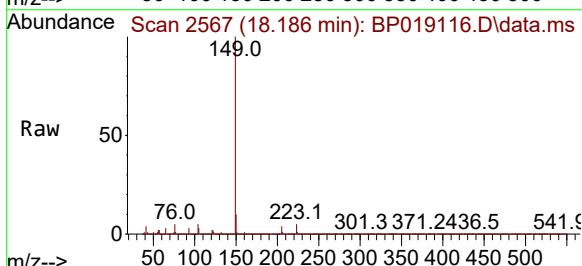
Tgt Ion:149 Resp:10204667

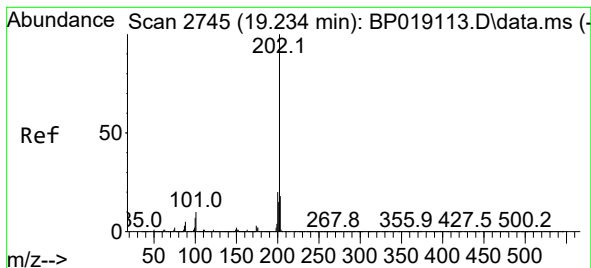
Ion Ratio Lower Upper

149 100

150 9.7 7.3 10.9

104 5.1 3.9 5.9





#80

Fluoranthene

Concen: 145.190 ng/ul

RT: 19.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP019116.D

Acq: 27 Dec 2023 15:24

Instrument :

BNA_P

ClientSampleId :

SSTD160642

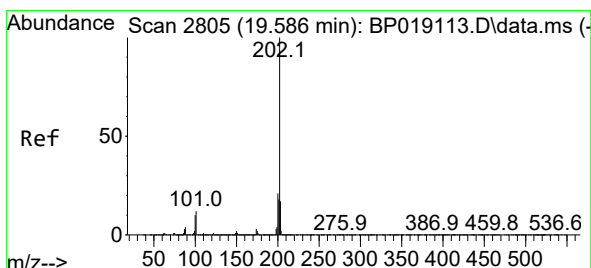
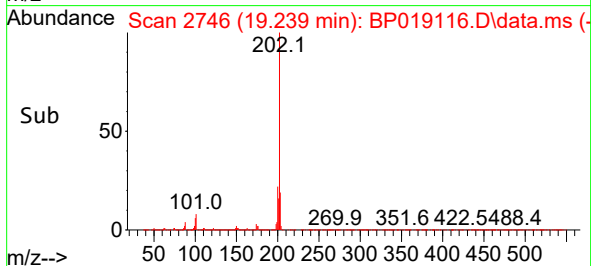
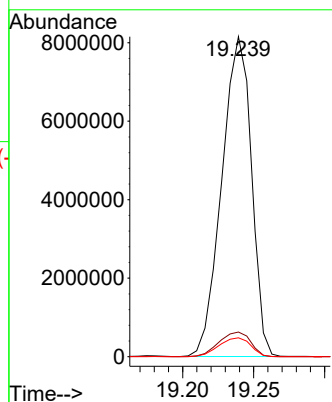
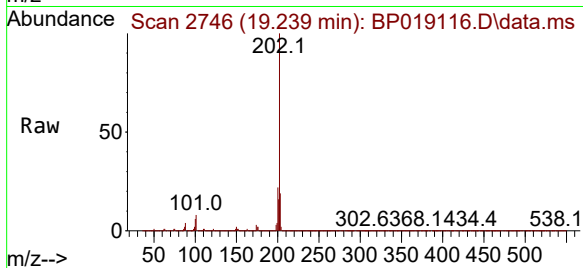
Tgt Ion:202 Resp:11857220

Ion Ratio Lower Upper

202 100

101 7.7 7.8 11.6#

100 5.9 6.0 9.0#



#82

Pyrene

Concen: 136.041 ng/ul

RT: 19.598 min Scan# 2807

Delta R.T. 0.012 min

Lab File: BP019116.D

Acq: 27 Dec 2023 15:24

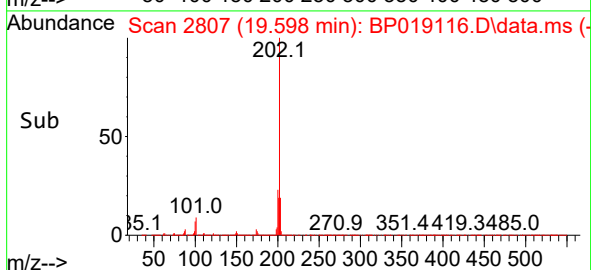
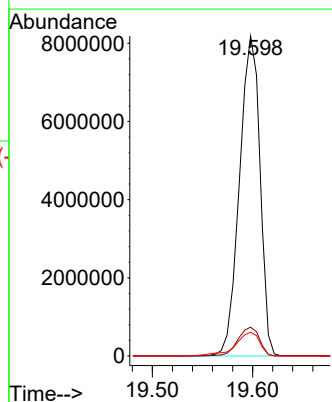
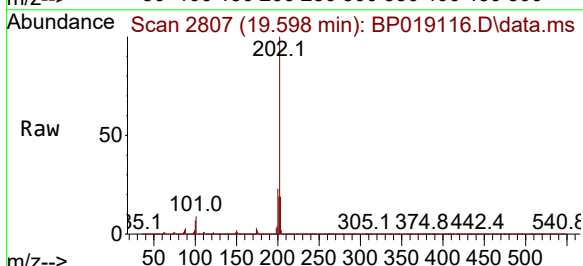
Tgt Ion:202 Resp:11640141

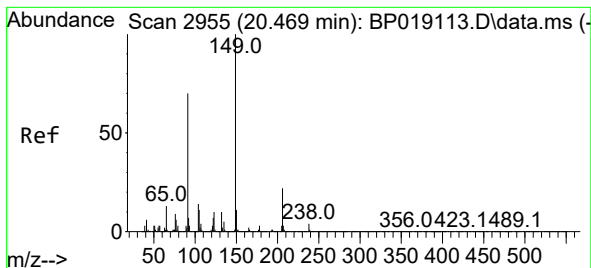
Ion Ratio Lower Upper

202 100

101 9.0 9.2 13.8#

100 7.4 7.8 11.6#





#83

Butylbenzylphthalate

Concen: 160.652 ng/ul

RT: 20.474 min Scan# 2955

Delta R.T. 0.006 min

Lab File: BP019116.D

Acq: 27 Dec 2023 15:24

Instrument :

BNA_P

ClientSampleId :

SSTD160642

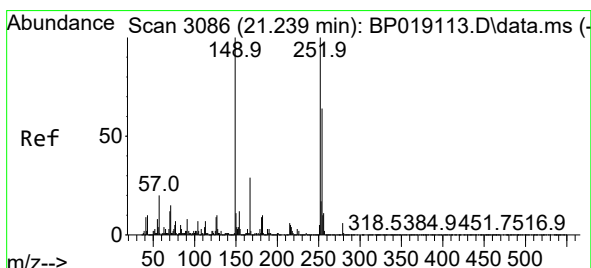
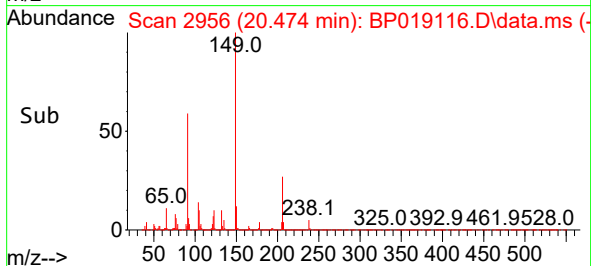
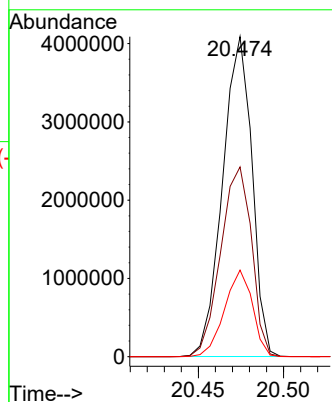
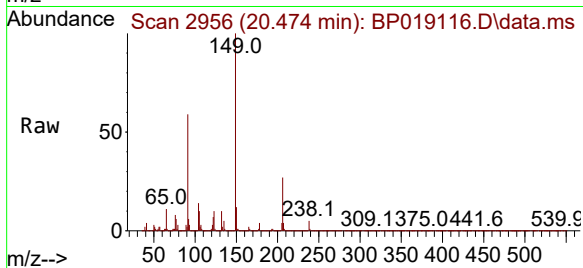
Tgt Ion:149 Resp: 4910134

Ion Ratio Lower Upper

149 100

91 59.3 55.6 83.4

206 27.1 17.9 26.9#



#84

3,3'-Dichlorobenzidine

Concen: 151.332 ng/ul

RT: 21.251 min Scan# 3088

Delta R.T. 0.012 min

Lab File: BP019116.D

Acq: 27 Dec 2023 15:24

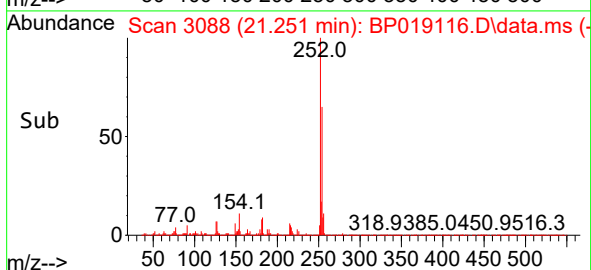
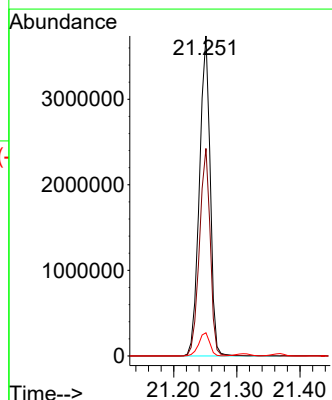
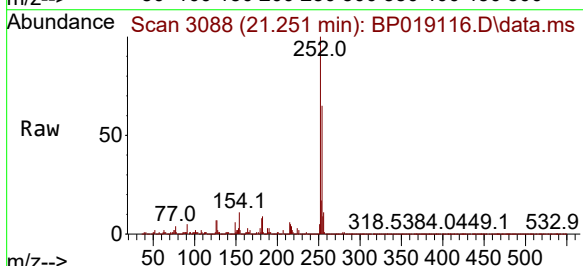
Tgt Ion:252 Resp: 4420785

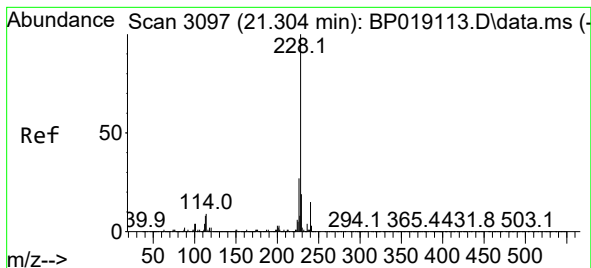
Ion Ratio Lower Upper

252 100

254 64.8 51.5 77.3

126 7.2 7.6 11.4#





#85

Benzo(a)anthracene

Concen: 140.149 ng/ul

RT: 21.310 min Scan# 3098

Delta R.T. 0.006 min

Lab File: BP019116.D

Acq: 27 Dec 2023 15:24

Instrument :

BNA_P

ClientSampleId :

SSTD160642

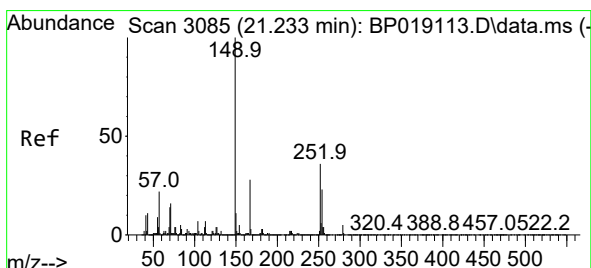
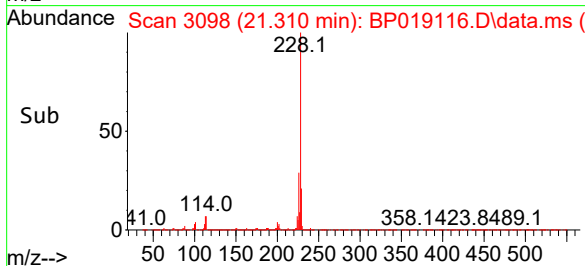
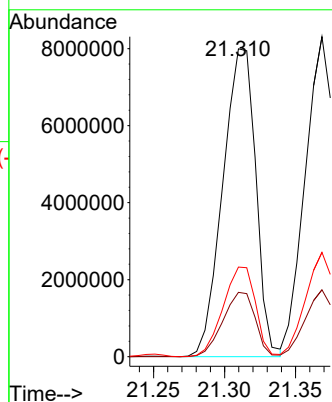
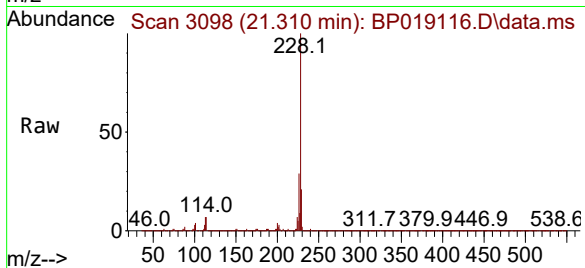
Tgt Ion:228 Resp:12930916

Ion Ratio Lower Upper

228 100

229 20.9 15.5 23.3

226 29.1 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 147.277 ng/ul

RT: 21.233 min Scan# 3085

Delta R.T. -0.000 min

Lab File: BP019116.D

Acq: 27 Dec 2023 15:24

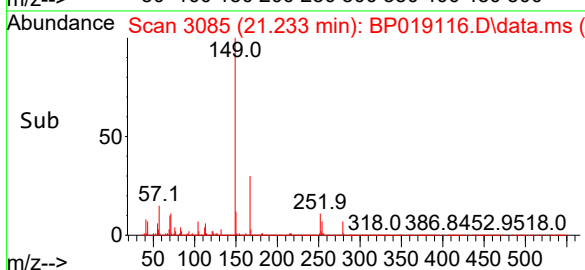
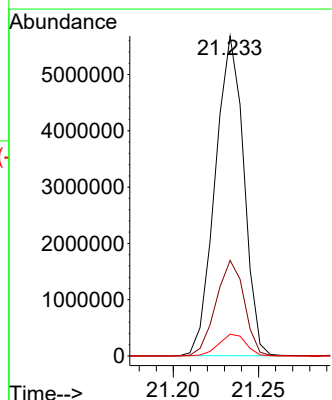
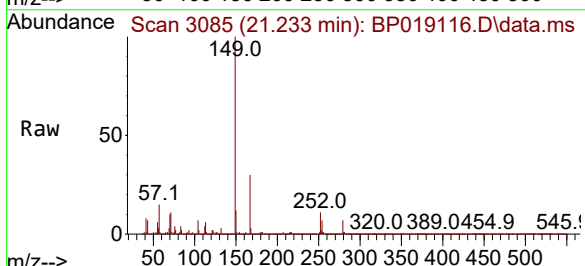
Tgt Ion:149 Resp: 6628239

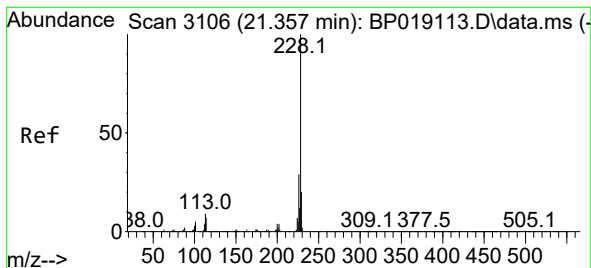
Ion Ratio Lower Upper

149 100

167 29.9 22.5 33.7

279 6.8 4.0 6.0#





#87

Chrysene

Concen: 133.645 ng/ul

RT: 21.369 min Scan# 3108

Delta R.T. 0.012 min

Lab File: BP019116.D

Acq: 27 Dec 2023 15:24

Instrument :

BNA_P

ClientSampleId :

SSTD160642

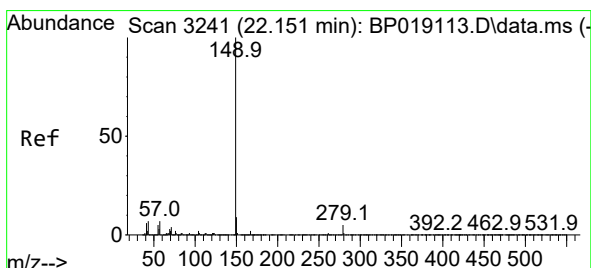
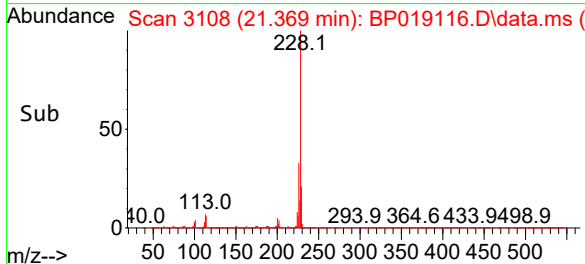
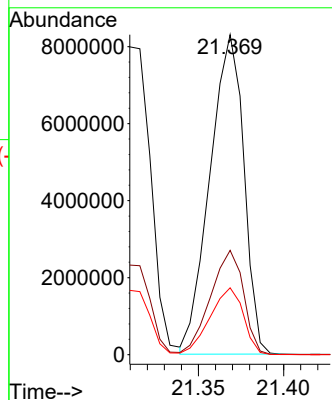
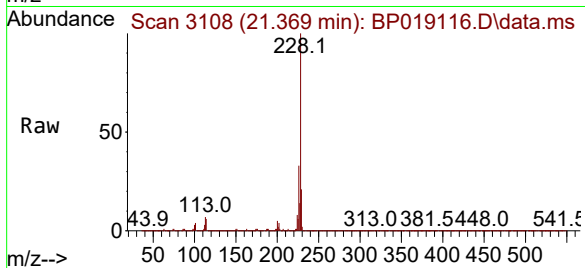
Tgt Ion:228 Resp:11498238

Ion Ratio Lower Upper

228 100

226 32.6 23.4 35.2

229 20.9 15.6 23.4



#89

Di-n-octyl phthalate

Concen: 149.310 ng/ul

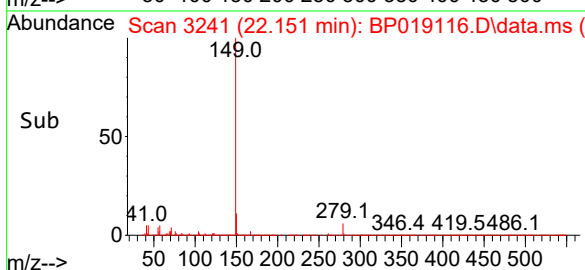
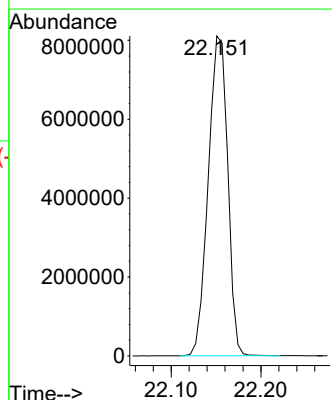
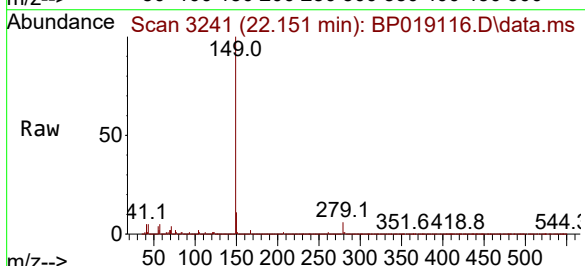
RT: 22.151 min Scan# 3241

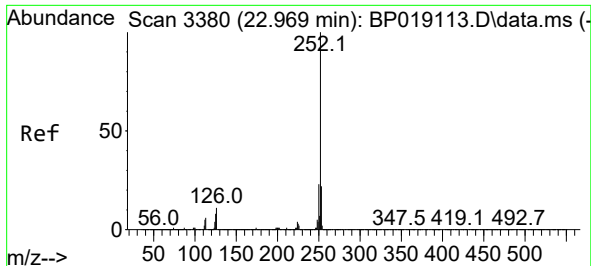
Delta R.T. -0.000 min

Lab File: BP019116.D

Acq: 27 Dec 2023 15:24

Tgt Ion:149 Resp:12210785

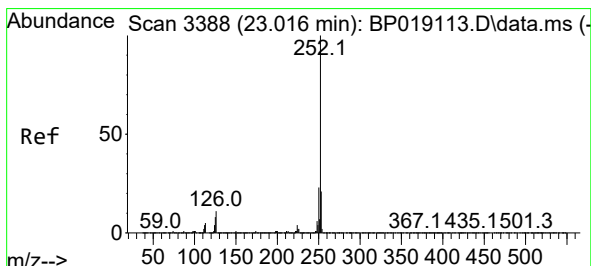
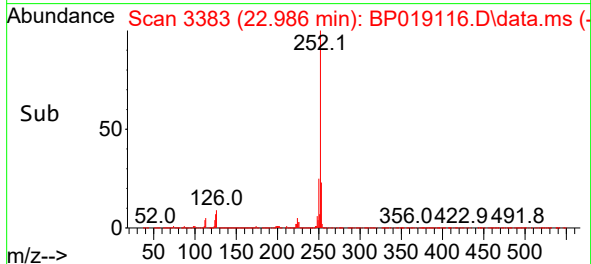
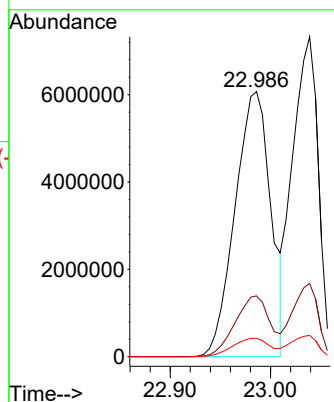
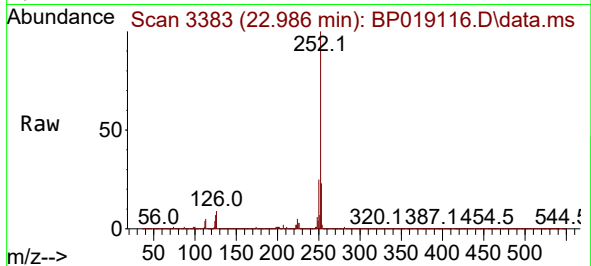




#90
Benzo(b)fluoranthene
Concen: 149.928 ng/ul
RT: 22.986 min Scan# 3383
Delta R.T. 0.017 min
Lab File: BP019116.D
Acq: 27 Dec 2023 15:24

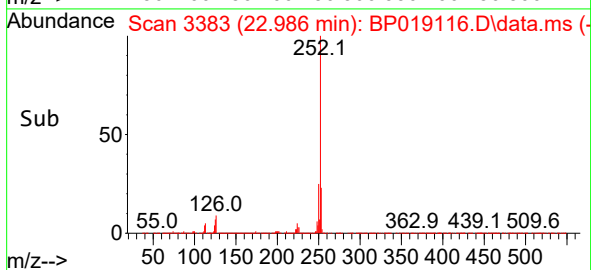
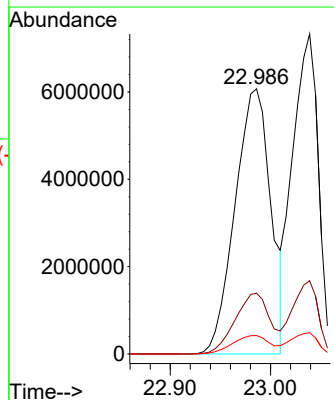
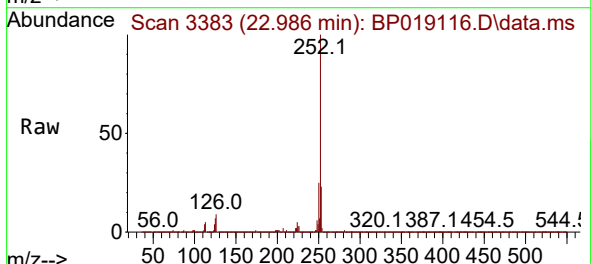
Instrument :
BNA_P
ClientSampleId :
SSTD160642

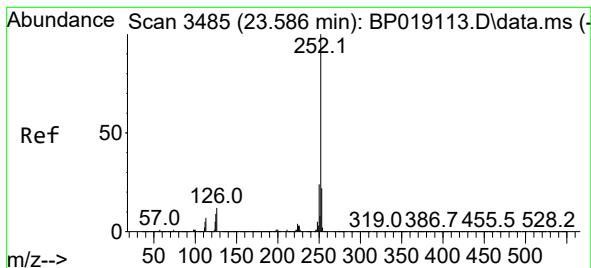
Tgt Ion:252 Resp:15060753
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 6.9 6.8 10.2



#91
Benzo(k)fluoranthene
Concen: 152.579 ng/ul
RT: 22.986 min Scan# 3383
Delta R.T. -0.030 min
Lab File: BP019116.D
Acq: 27 Dec 2023 15:24

Tgt Ion:252 Resp:15060753
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.0
125 6.9 6.7 10.1





#93

Benzo(a)pyrene

Concen: 141.233 ng/ul

RT: 23.615 min Scan# 34

Delta R.T. 0.029 min

Lab File: BP019116.D

Acq: 27 Dec 2023 15:24

Instrument :

BNA_P

ClientSampleId :

SSTD160642

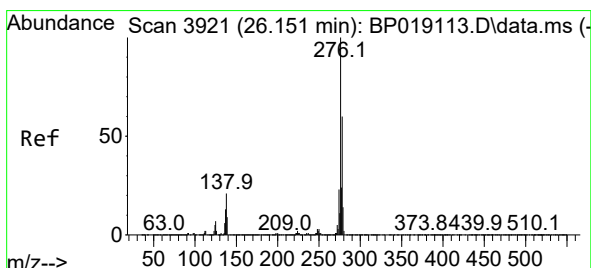
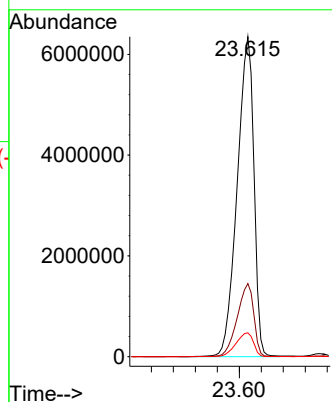
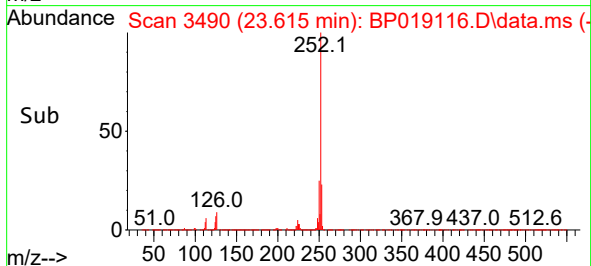
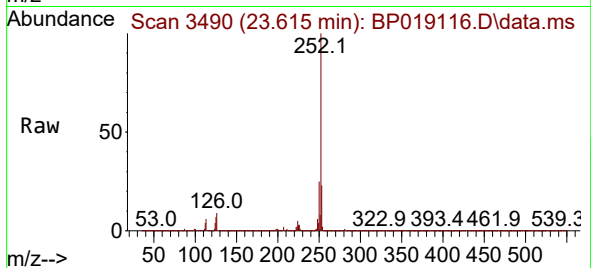
Tgt Ion:252 Resp:13353252

Ion Ratio Lower Upper

252 100

253 22.9 17.5 26.3

125 7.4 7.4 11.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 148.129 ng/ul

RT: 26.192 min Scan# 3928

Delta R.T. 0.041 min

Lab File: BP019116.D

Acq: 27 Dec 2023 15:24

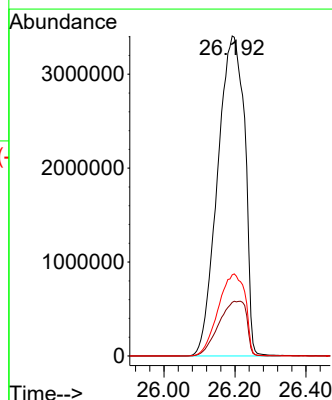
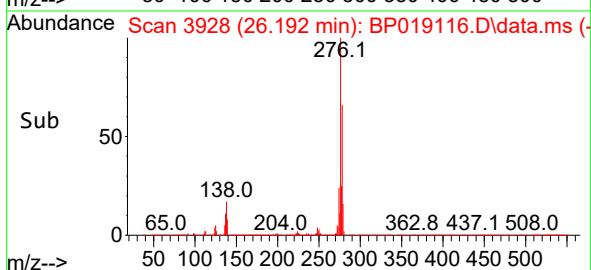
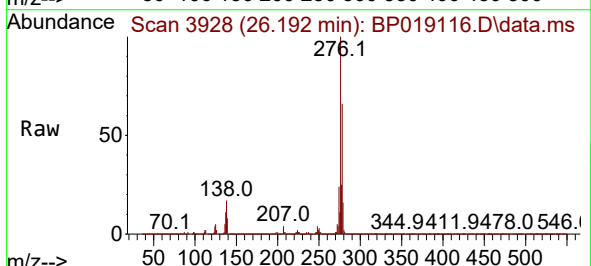
Tgt Ion:276 Resp:17953452

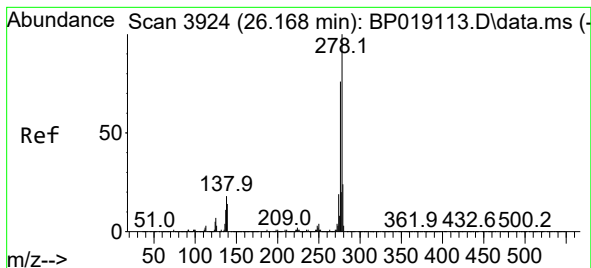
Ion Ratio Lower Upper

276 100

138 16.7 16.6 25.0

277 25.4 19.5 29.3





#95

Dibenzo(a,h)anthracene

Concen: 142.023 ng/ul

RT: 26.227 min Scan# 3924

Delta R.T. 0.059 min

Lab File: BP019116.D

Acq: 27 Dec 2023 15:24

Instrument :

BNA_P

ClientSampleId :

SSTD160642

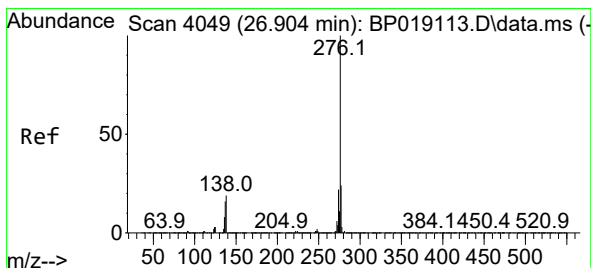
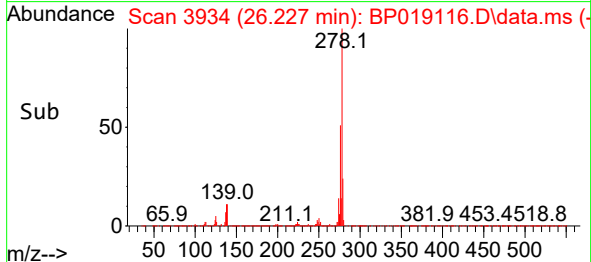
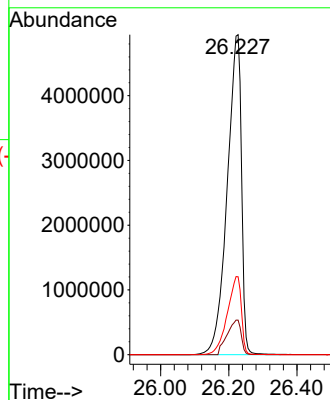
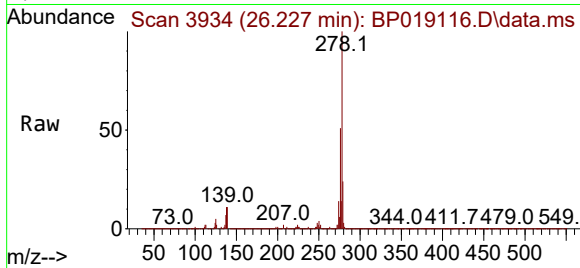
Tgt Ion:278 Resp:14319750

Ion Ratio Lower Upper

278 100

139 10.8 11.0 16.4#

279 24.4 19.2 28.8



#96

Benzo(g,h,i)perylene

Concen: 151.804 ng/ul

RT: 26.962 min Scan# 4059

Delta R.T. 0.059 min

Lab File: BP019116.D

Acq: 27 Dec 2023 15:24

Tgt Ion:276 Resp:14744390

Ion Ratio Lower Upper

276 100

138 15.6 15.2 22.8

277 24.4 19.4 29.0

