

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010824\
 Data File : BP019303.D
 Acq On : 08 Jan 2024 19:35
 Operator : MA/JU
 Sample : SST02078
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SST020646

Quant Time: Jan 09 01:56:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 09 01:51:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	130833	20.000	ng/u1	0.00
20) Naphthalene-d8	10.581	136	498139	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.428	164	311548	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.186	188	663273	20.000	ng/u1	0.00
79) Chrysene-d12	21.286	240	593293	20.000	ng/u1	0.00
88) Perylene-d12	23.639	264	698255	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	28627	7.473	ng/uL	0.00
4) Pyridine-d5	3.640	84	205770	21.401	ng/u1	0.00
7) Phenol-d5	6.975	99	247830	21.123	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	154737	22.797	ng/u1	0.00
11) 2-Chlorophenol-d4	7.316	132	180018	19.032	ng/u1	0.00
15) 4-Methylphenol-d8	8.516	113	192956	21.124	ng/u1	0.00
21) Nitrobenzene-d5	8.952	128	89797	20.853	ng/u1	0.00
24) 2-Nitrophenol-d4	9.669	143	104532	22.462	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	207426	22.072	ng/u1	0.00
31) 4-Chloroaniline-d4	10.728	131	242758	21.001	ng/u1	0.00
46) Dimethylphthalate-d6	13.845	166	578800	21.033	ng/u1	0.00
49) Acenaphthylene-d8	14.122	160	649345	21.747	ng/u1	0.00
54) 4-Nitrophenol-d4	14.669	143	78115	16.810	ng/u1	0.00
60) Fluorene-d10	15.422	176	468868	19.722	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.563	200	92748	21.330	ng/u1	0.00
73) Anthracene-d10	17.286	188	695758	20.086	ng/u1	0.00
81) Pyrene-d10	19.528	212	792484	21.917	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.486	264	782980	19.508	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.258	88	30898	7.336	ng/uL	100
5) Pyridine	3.664	79	210206	21.538	ng/u1	100
6) Benzaldehyde	6.934	77	139504	25.608	ng/u1	100
8) Phenol	6.999	94	250136	21.584	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.216	93	207128	22.090	ng/u1	100
12) 2-Chlorophenol	7.352	128	186577	19.273	ng/u1	100
13) 2-Methylphenol	8.246	108	183946	21.457	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.310	45	251667	22.752	ng/u1	100
16) Acetophenone	8.616	105	315639	23.072	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.599	70	166350	24.385	ng/u1	100
18) 4-Methylphenol	8.575	108	199120	21.578	ng/u1	100
19) Hexachloroethane	8.852	117	84263	20.751	ng/u1	100
22) Nitrobenzene	8.993	77	252772	24.027	ng/u1	100
23) Isophorone	9.522	82	468161	24.678	ng/u1	100
25) 2-Nitrophenol	9.704	139	111435	22.426	ng/u1	100
26) 2,4-Dimethylphenol	9.775	107	233893	26.737	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.004	93	275238	21.951	ng/u1	100
29) 2,4-Dichlorophenol	10.240	162	200586	21.842	ng/u1	100
30) Naphthalene	10.628	128	593581	19.764	ng/u1	100
32) 4-Chloroaniline	10.757	127	236552	21.327	ng/u1	100
33) Hexachlorobutadiene	10.904	225	176481	24.971	ng/u1	100
34) Caprolactam	11.546	113	52158	21.502	ng/u1	100
35) 4-Chloro-3-methylphenol	11.893	107	212257	23.546	ng/u1	100
36) 2-Methylnaphthalene	12.246	142	423700	20.924	ng/u1	100

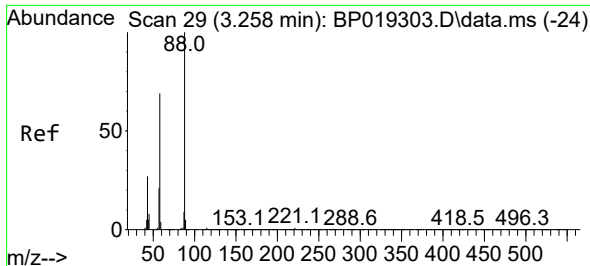
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.463	142	412364	20.194	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.616	216	306526	23.889	ng/ul	100
40) Hexachlorocyclopentadiene	12.587	237	179982	25.271	ng/ul	100
41) 2,4,6-Trichlorophenol	12.863	196	186191	24.315	ng/ul	100
42) 2,4,5-Trichlorophenol	12.945	196	196378	24.159	ng/ul	100
43) 1,1'-Biphenyl	13.263	154	574744	21.148	ng/ul	100
44) 2-Chloronaphthalene	13.304	162	466720	21.402	ng/ul	100
45) 2-Nitroaniline	13.522	65	130188	24.868	ng/ul	100
47) Dimethylphthalate	13.893	163	579681	21.340	ng/ul	100
48) 2,6-Dinitrotoluene	14.022	165	114528	22.945	ng/ul	100
50) Acenaphthylene	14.151	152	711346	21.174	ng/ul	100
51) 3-Nitroaniline	14.351	138	96291	19.733	ng/ul	100
52) Acenaphthene	14.492	153	445315	19.558	ng/ul	100
53) 2,4-Dinitrophenol	14.569	184	58979	18.341	ng/ul	100
55) 4-Nitrophenol	14.681	109	84687	22.804	ng/ul	100
56) Dibenzofuran	14.828	168	638776	19.645	ng/ul	100
57) 2,4-Dinitrotoluene	14.816	165	152197	20.733	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.063	232	159733	22.492	ng/ul	100
59) Diethylphthalate	15.257	149	514755	19.545	ng/ul	100
61) Fluorene	15.481	166	509953	19.595	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.475	204	302807	21.306	ng/ul	100
63) 4-Nitroaniline	15.522	138	75140	15.305	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.575	198	100213	21.767	ng/ul	100
67) N-Nitrosodiphenylamine	15.698	169	428866	21.186	ng/ul	100
68) 4-Bromophenyl-phenylether	16.375	248	194795	23.629	ng/ul	100
69) Hexachlorobenzene	16.481	284	219315	21.769	ng/ul	100
70) Atrazine	16.657	200	169123	29.604	ng/ul	100
71) Pentachlorophenol	16.839	266	123593	20.895	ng/ul	100
72) Phenanthrene	17.228	178	790881	19.676	ng/ul	100
74) Anthracene	17.316	178	799893	19.989	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.222	216	292899	25.398	ng/uL	100
76) Pentachlorobenzene	14.745	250	268466	23.427	ng/uL	100
77) Carbazole	17.598	167	652227	19.595	ng/ul	100
78) Di-n-butylphthalate	18.151	149	787075	19.066	ng/ul	100
80) Fluoranthene	19.204	202	942582	22.718	ng/ul	100
82) Pyrene	19.557	202	944804	21.734	ng/ul	100
83) Butylbenzylphthalate	20.433	149	315075	20.291	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.210	252	296868	20.002	ng/ul	100
85) Benzo(a)anthracene	21.269	228	963767	20.560	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.198	149	454042	19.857	ng/ul	100
87) Chrysene	21.322	228	876348	20.049	ng/ul	100
89) Di-n-octyl phthalate	22.104	149	773787	19.379	ng/ul	100
90) Benzo(b)fluoranthene	22.921	252	972621	19.831	ng/ul	100
91) Benzo(k)fluoranthene	22.968	252	963633	19.995	ng/ul	100
93) Benzo(a)pyrene	23.539	252	918129	19.889	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.086	276	1210535	20.456	ng/ul	100
95) Dibenzo(a,h)anthracene	26.098	278	998990	20.293	ng/ul	100
96) Benzo(g,h,i)perylene	26.833	276	982478	20.717	ng/ul	100

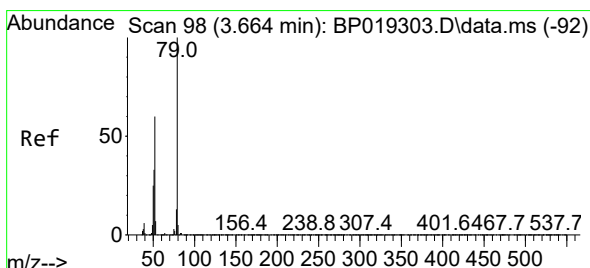
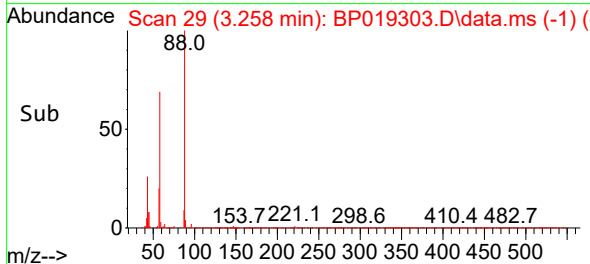
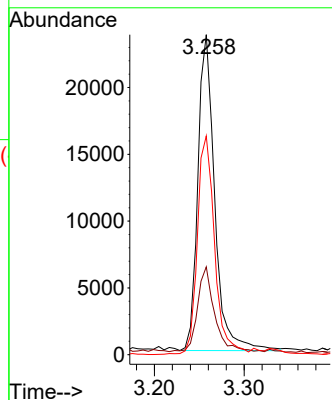
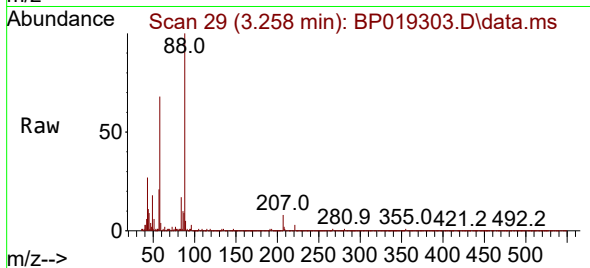
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#2
 1,4-Dioxane
 Concen: 7.336 ng/uL
 RT: 3.258 min Scan# 29
 Delta R.T. 0.000 min
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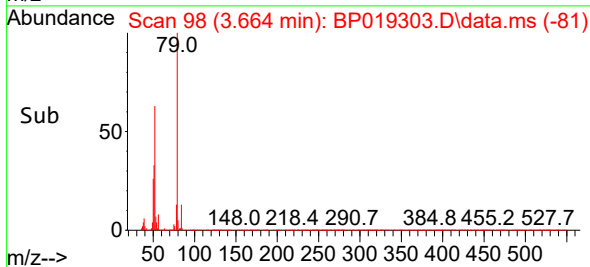
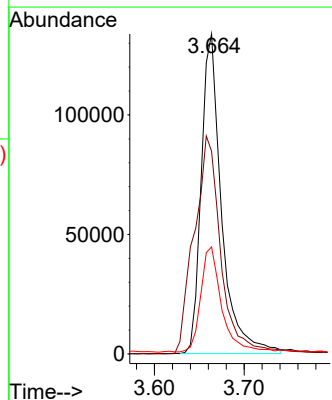
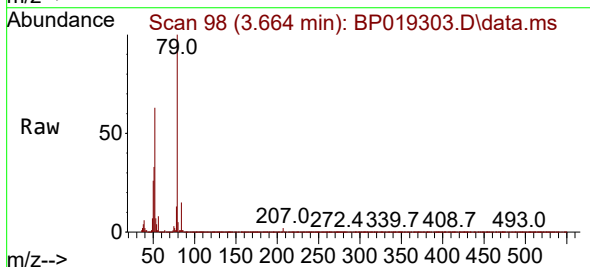
Instrument :
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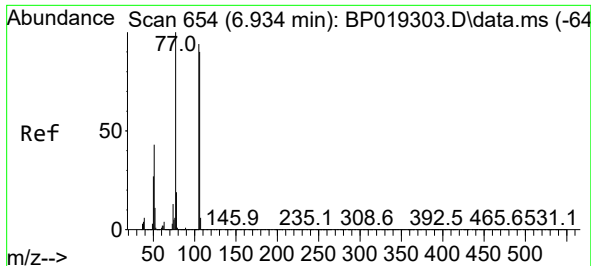
Tgt Ion: 88 Resp: 30898
 Ion Ratio Lower Upper
 88 100
 43 27.5 22.0 33.0
 58 68.3 54.6 82.0



#5
 Pyridine
 Concen: 21.538 ng/uL
 RT: 3.664 min Scan# 98
 Delta R.T. 0.000 min
 Lab File: BP019303.D
 Acq: 08 Jan 2024 19:35

Tgt Ion: 79 Resp: 210206
 Ion Ratio Lower Upper
 79 100
 52 63.4 50.7 76.1
 51 33.5 26.8 40.2

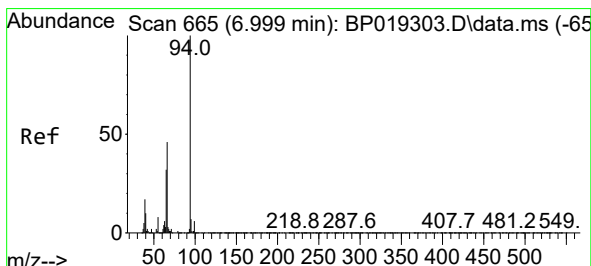
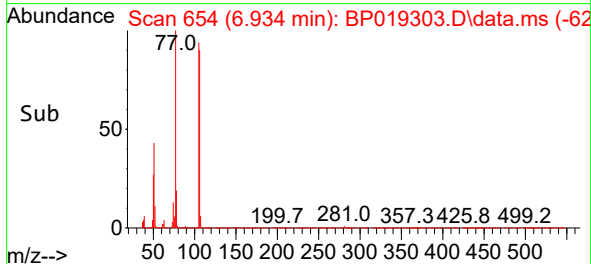
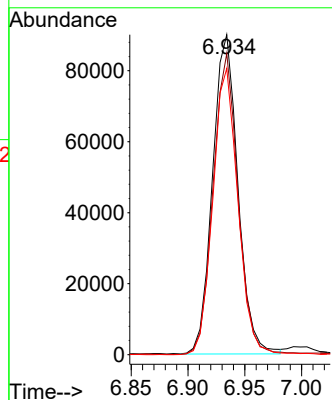
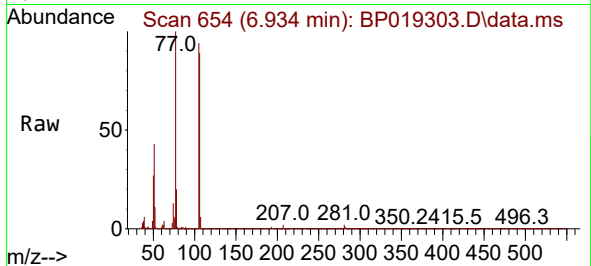




#6
Benzaldehyde
Concen: 25.608 ng/ul
RT: 6.934 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP019303.D
Acq: 08 Jan 2024 19:35

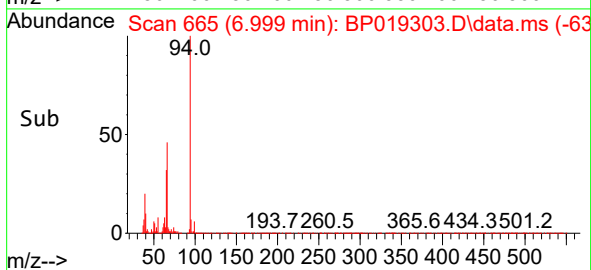
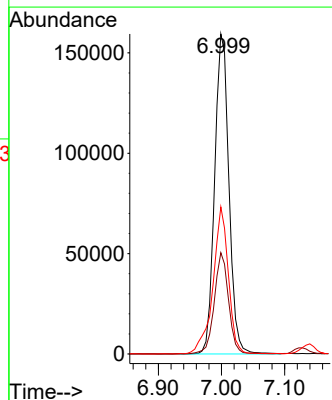
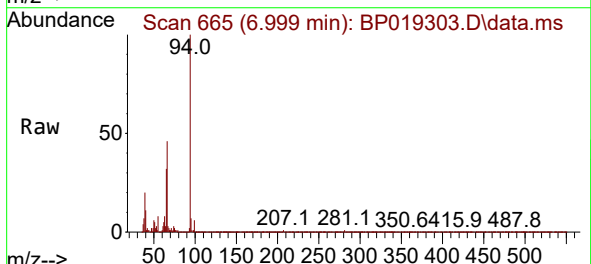
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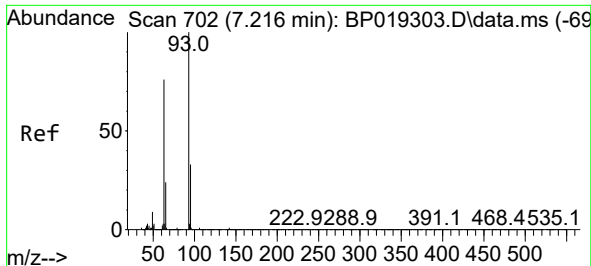
Tgt Ion: 77 Resp: 139504
Ion Ratio Lower Upper
77 100
105 94.1 75.3 112.9
106 89.4 71.5 107.3



#8
Phenol
Concen: 21.584 ng/ul
RT: 6.999 min Scan# 665
Delta R.T. 0.000 min
Lab File: BP019303.D
Acq: 08 Jan 2024 19:35

Tgt Ion: 94 Resp: 250136
Ion Ratio Lower Upper
94 100
65 31.6 25.3 37.9
66 46.0 36.8 55.2

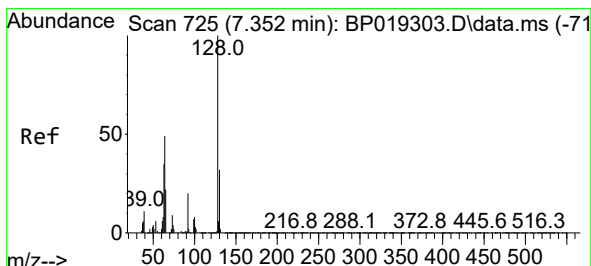
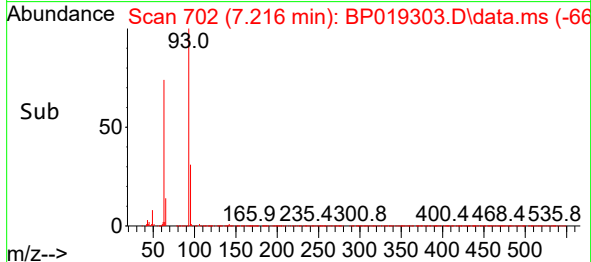
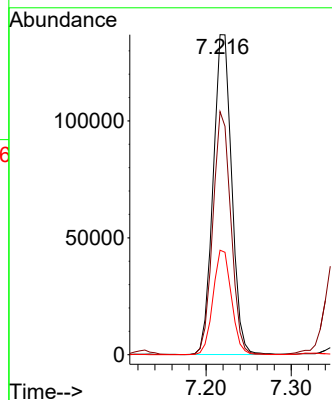
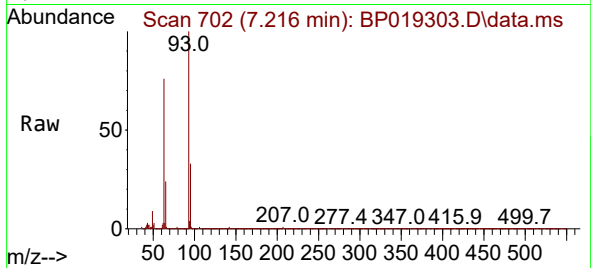




#10
Bis(2-Chloroethyl)ether
Concen: 22.090 ng/ul
RT: 7.216 min Scan# 702
Delta R.T. 0.000 min
Lab File: BP019303.D
Acq: 08 Jan 2024 19:35

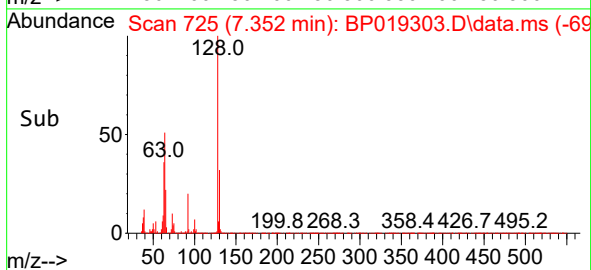
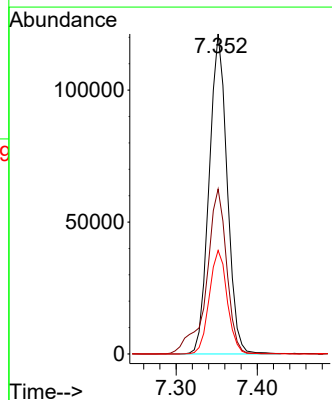
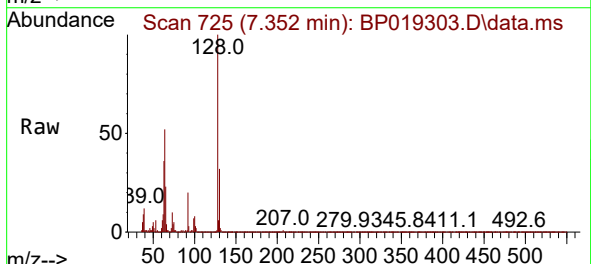
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ClientSampleId :
SSTD020646

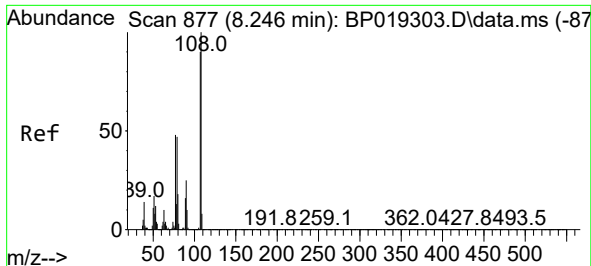
Tgt Ion: 93 Resp: 207128
Ion Ratio Lower Upper
93 100
63 75.9 60.7 91.1
95 32.7 26.2 39.2



#12
2-Chlorophenol
Concen: 19.273 ng/ul
RT: 7.352 min Scan# 725
Delta R.T. 0.000 min
Lab File: BP019303.D
Acq: 08 Jan 2024 19:35

Tgt Ion:128 Resp: 186577
Ion Ratio Lower Upper
128 100
64 51.6 41.3 61.9
130 32.4 25.9 38.9





#13

2-Methylphenol

Concen: 21.457 ng/ul

RT: 8.246 min Scan# 877

Delta R.T. 0.000 min

Lab File: BP019303.D

Acq: 08 Jan 2024 19:35

Instrument :

BNA_P

ClientSampleId :

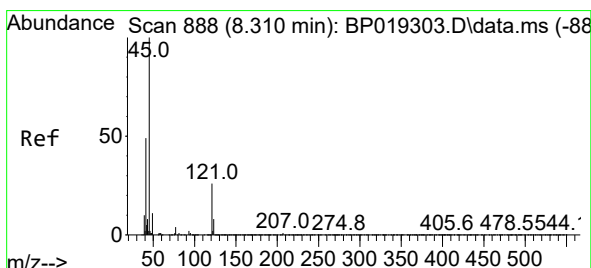
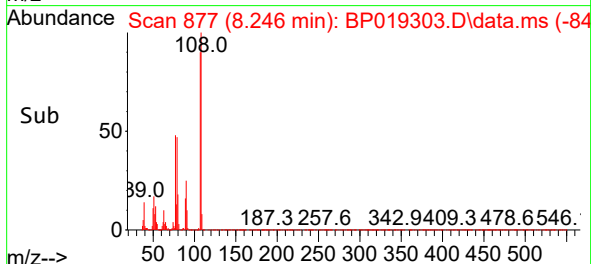
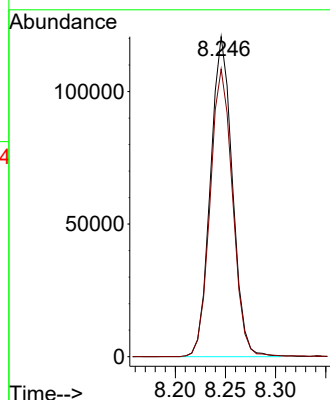
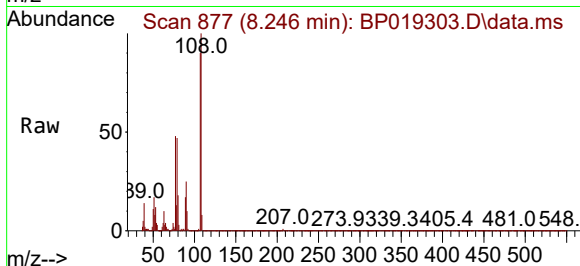
SSTD020646

Tgt Ion:108 Resp: 183946

Ion Ratio Lower Upper

108 100

107 89.9 71.9 107.9



#14

2,2'-oxybis(1-Chloropropane)

Concen: 22.752 ng/ul

RT: 8.310 min Scan# 888

Delta R.T. 0.000 min

Lab File: BP019303.D

Acq: 08 Jan 2024 19:35

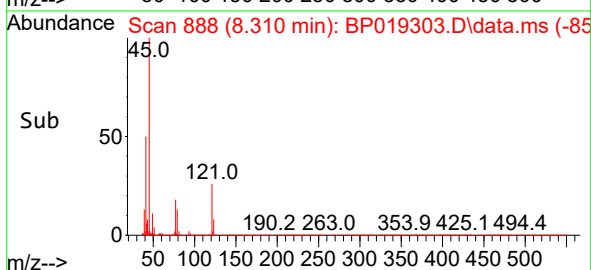
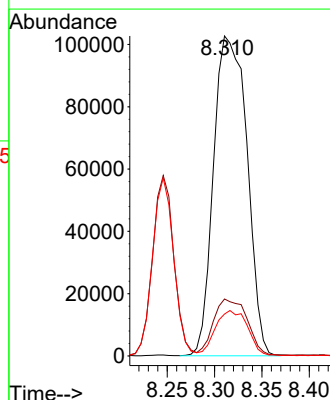
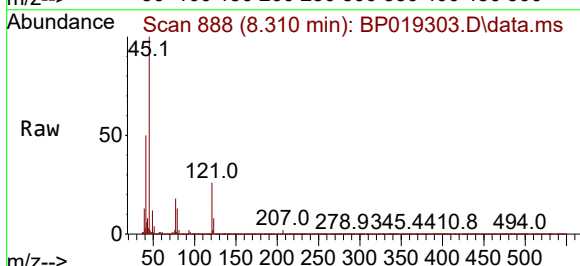
Tgt Ion: 45 Resp: 251667

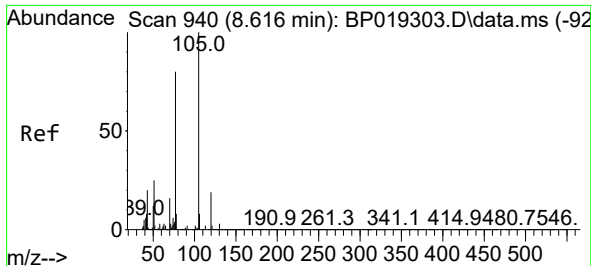
Ion Ratio Lower Upper

45 100

77 17.8 14.2 21.4

79 13.1 10.5 15.7

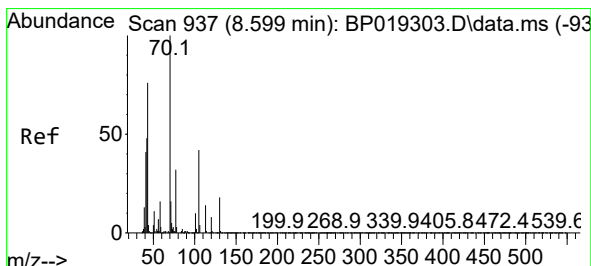
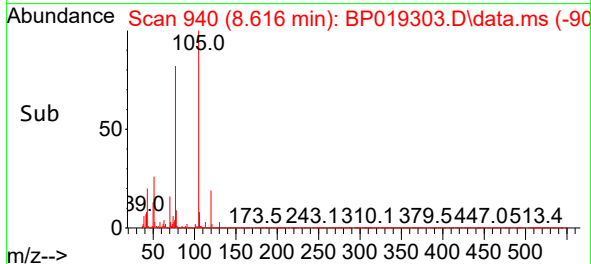
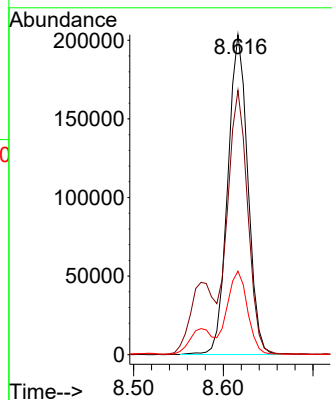
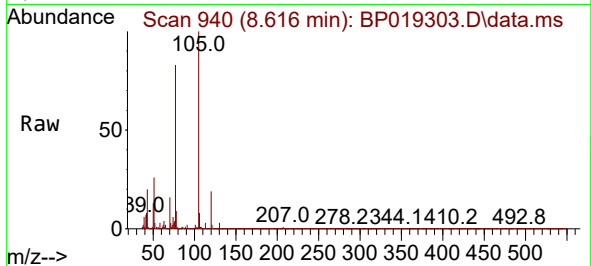




#16
Acetophenone
Concen: 23.072 ng/ul
RT: 8.616 min Scan# 940
Delta R.T. 0.000 min
Lab File: BP019303.D
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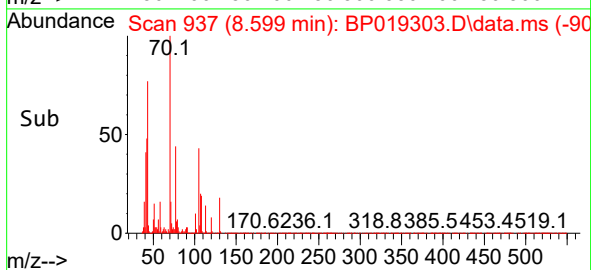
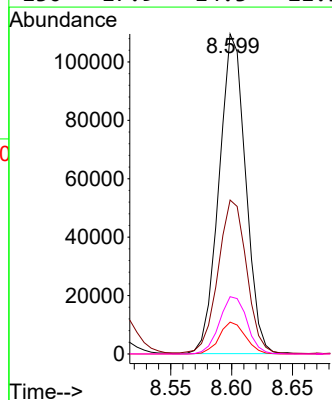
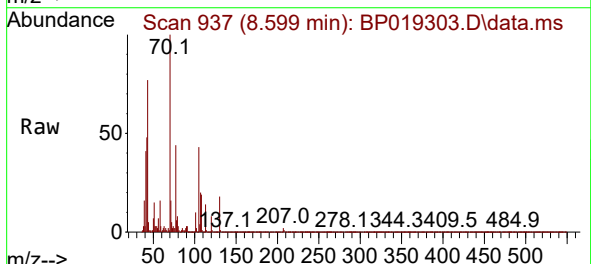
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ClientSampleId :
SSTD020646

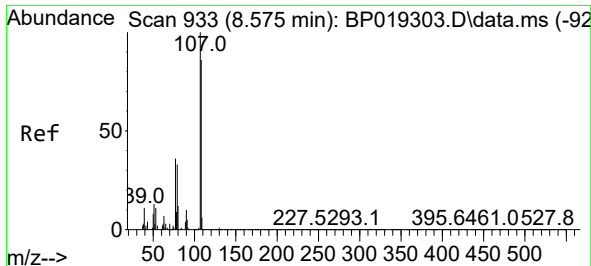
Tgt Ion:105 Resp: 315639
Ion Ratio Lower Upper
105 100
77 82.6 66.1 99.1
51 26.1 20.9 31.3



#17
N-Nitroso-di-n-propylamine
Concen: 24.385 ng/ul
RT: 8.599 min Scan# 937
Delta R.T. 0.000 min
Lab File: BP019303.D
Acq: 08 Jan 2024 19:35

Tgt Ion: 70 Resp: 166350
Ion Ratio Lower Upper
70 100
42 48.1 38.5 57.7
101 9.9 7.9 11.9
130 17.9 14.3 21.5

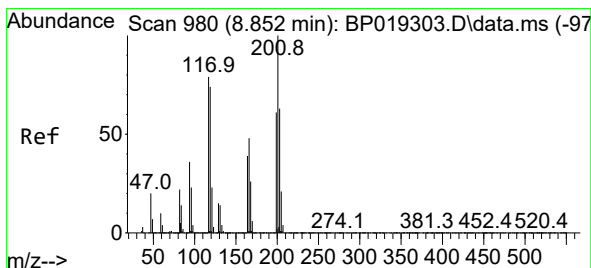
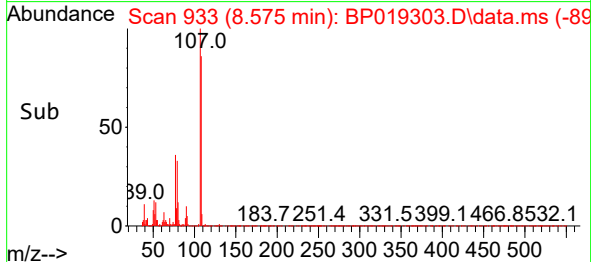
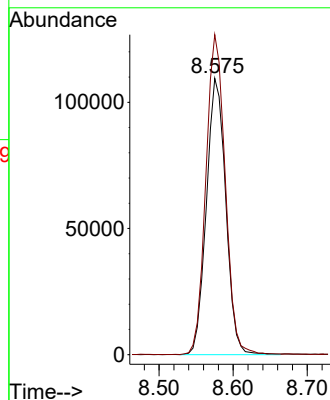
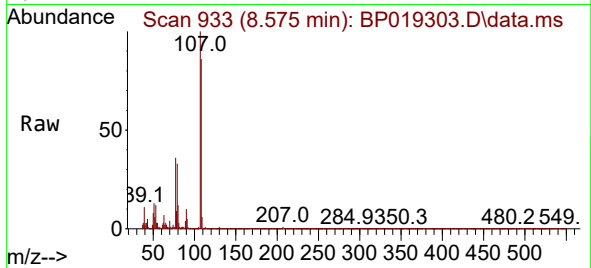




#18
4-Methylphenol
Concen: 21.578 ng/ul
RT: 8.575 min Scan# 911
Delta R.T. 0.000 min
Lab File: BP019303.D
Acq: 08 Jan 2024 19:35

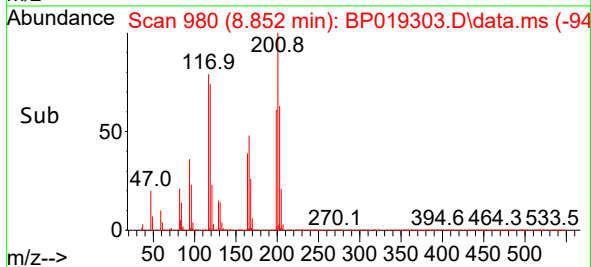
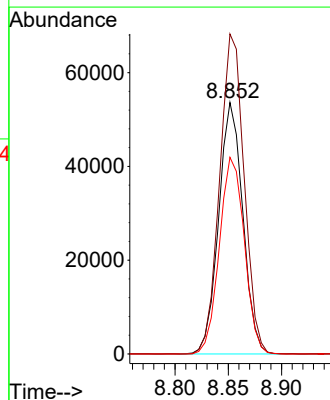
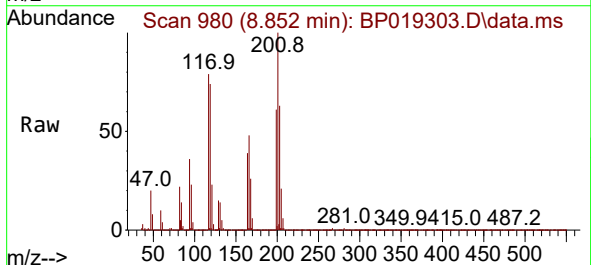
Instrument :
BNA_P
ClientSampleId :
SSTD020646

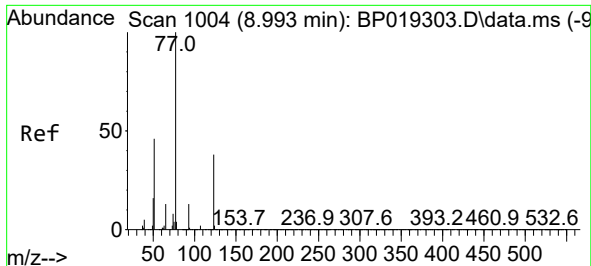
Tgt Ion:108 Resp: 199120
Ion Ratio Lower Upper
108 100
107 115.8 92.6 139.0



#19
Hexachloroethane
Concen: 20.751 ng/ul
RT: 8.852 min Scan# 980
Delta R.T. 0.000 min
Lab File: BP019303.D
Acq: 08 Jan 2024 19:35

Tgt Ion:117 Resp: 84263
Ion Ratio Lower Upper
117 100
201 127.2 101.8 152.6
199 78.2 62.6 93.8

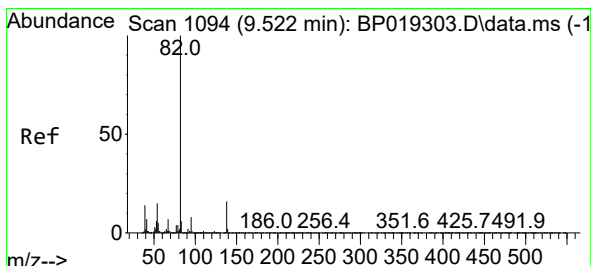
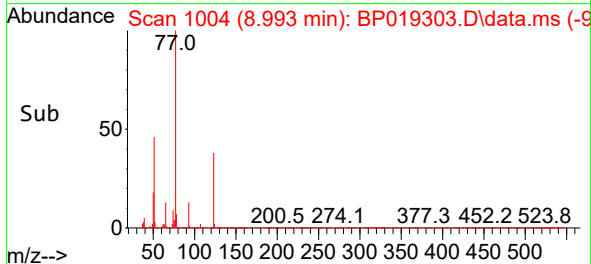
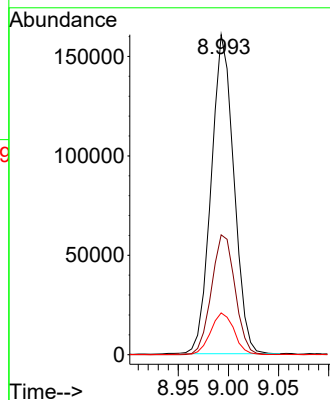
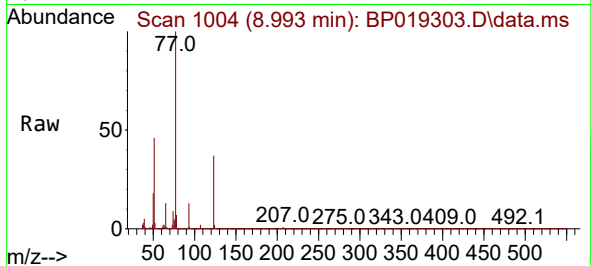




#22
Nitrobenzene
Concen: 24.027 ng/ul
RT: 8.993 min Scan# 1004
Delta R.T. 0.000 min
Lab File: BP019303.D
Acq: 08 Jan 2024 19:35

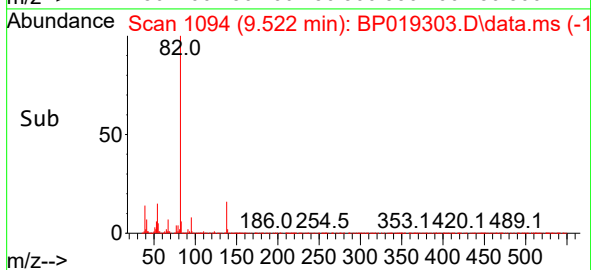
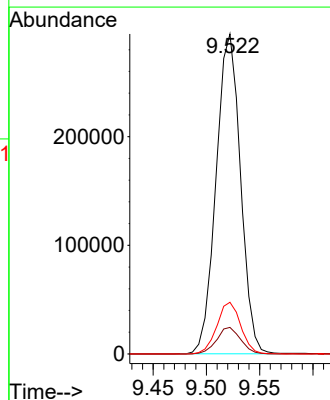
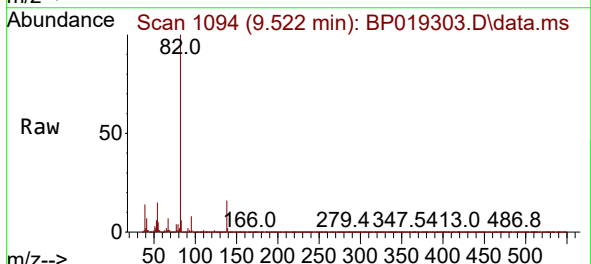
Instrument :
BNA_P
ClientSampleId :
SSTD020646

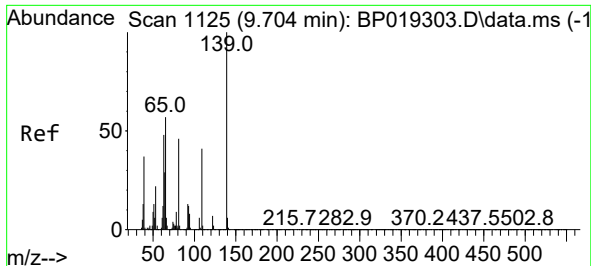
Tgt Ion: 77 Resp: 252772
Ion Ratio Lower Upper
77 100
123 37.5 30.0 45.0
65 13.1 10.5 15.7



#23
Isophorone
Concen: 24.678 ng/ul
RT: 9.522 min Scan# 1094
Delta R.T. 0.000 min
Lab File: BP019303.D
Acq: 08 Jan 2024 19:35

Tgt Ion: 82 Resp: 468161
Ion Ratio Lower Upper
82 100
95 8.3 6.6 10.0
138 16.2 13.0 19.4

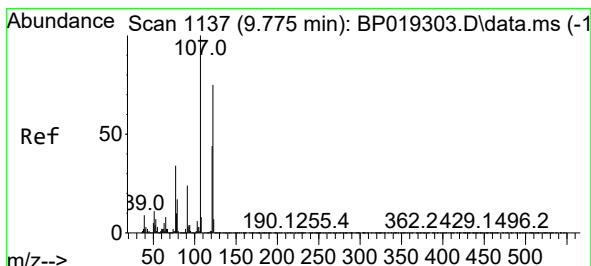
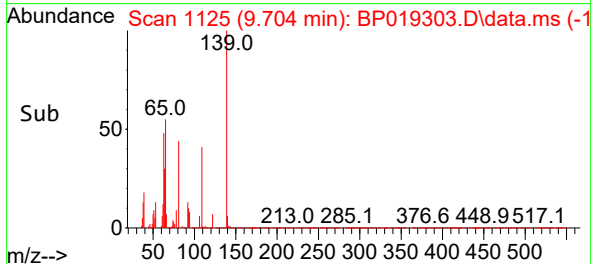
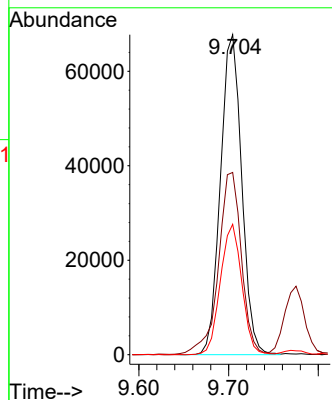
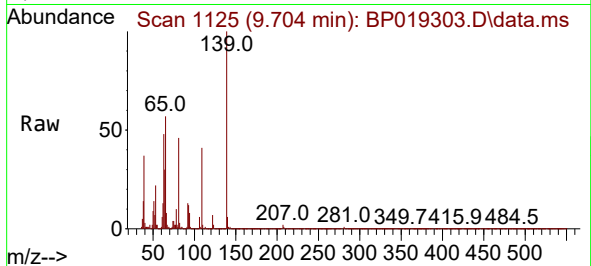




#25
2-Nitrophenol
Concen: 22.426 ng/ul
RT: 9.704 min Scan# 1125
Delta R.T. 0.000 min
Lab File: BP019303.D
Acq: 08 Jan 2024 19:35

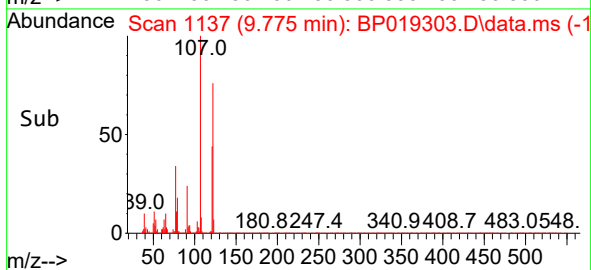
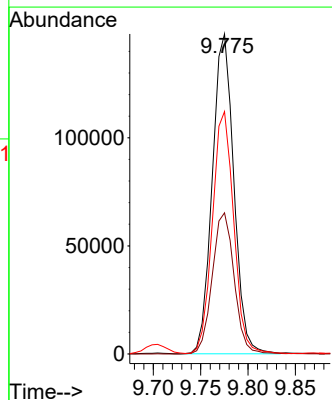
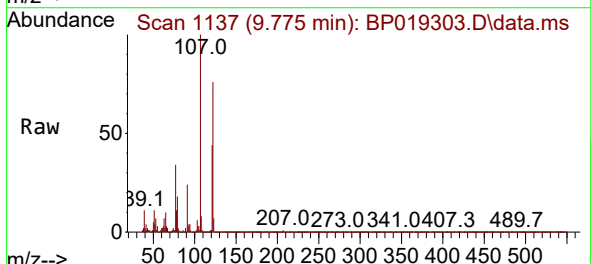
Instrument :
BNA_P
ClientSampleId :
SSTD020646

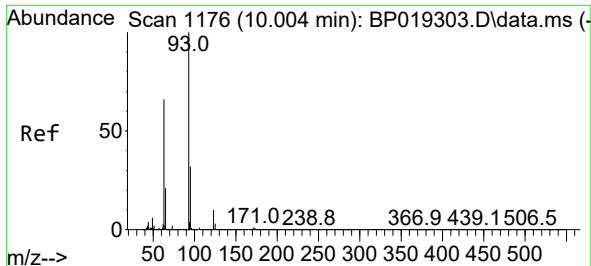
Tgt Ion:139 Resp: 111435
Ion Ratio Lower Upper
139 100
65 57.0 45.6 68.4
109 40.8 32.6 49.0



#26
2,4-Dimethylphenol
Concen: 26.737 ng/ul
RT: 9.775 min Scan# 1137
Delta R.T. 0.000 min
Lab File: BP019303.D
Acq: 08 Jan 2024 19:35

Tgt Ion:107 Resp: 233893
Ion Ratio Lower Upper
107 100
121 44.1 35.3 52.9
122 75.8 60.6 91.0





#27

Bis(2-Chloroethoxy)methane

Concen: 21.951 ng/ul

RT: 10.004 min Scan# 1176

Delta R.T. 0.000 min

Lab File: BP019303.D

Acq: 08 Jan 2024 19:35

Instrument :

BNA_P

ClientSampleId :

SSTD020646

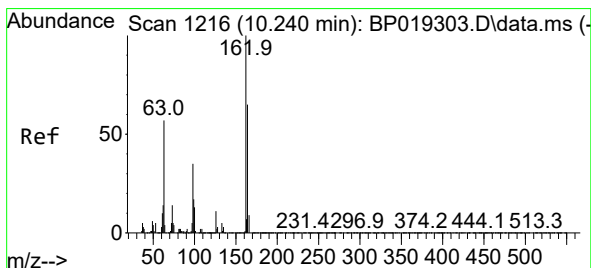
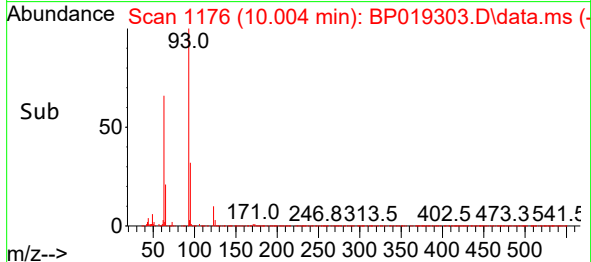
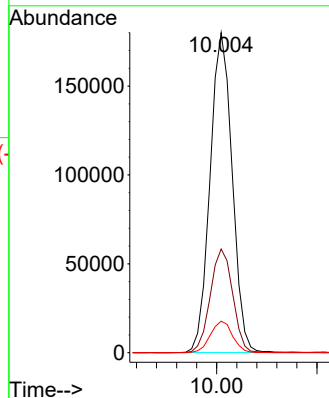
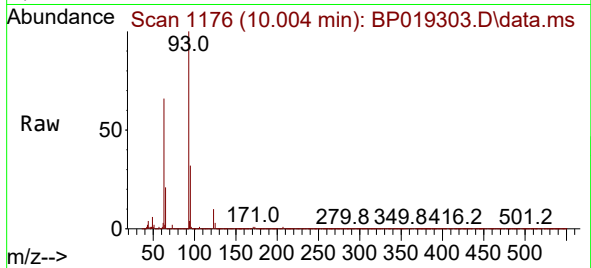
Tgt Ion: 93 Resp: 275238

Ion Ratio Lower Upper

93 100

95 32.4 25.9 38.9

123 9.9 7.9 11.9



#29

2,4-Dichlorophenol

Concen: 21.842 ng/ul

RT: 10.240 min Scan# 1216

Delta R.T. 0.000 min

Lab File: BP019303.D

Acq: 08 Jan 2024 19:35

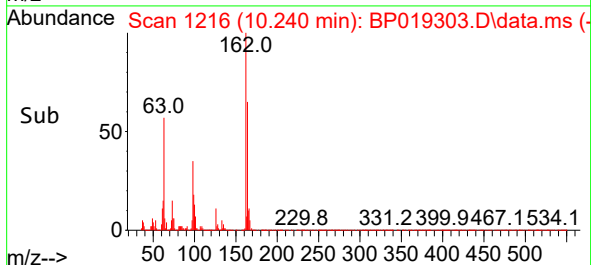
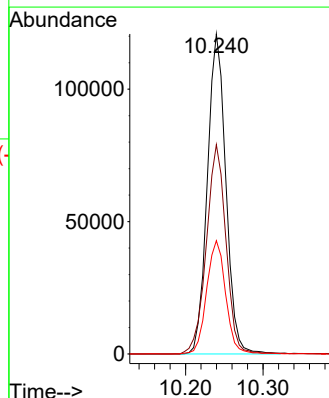
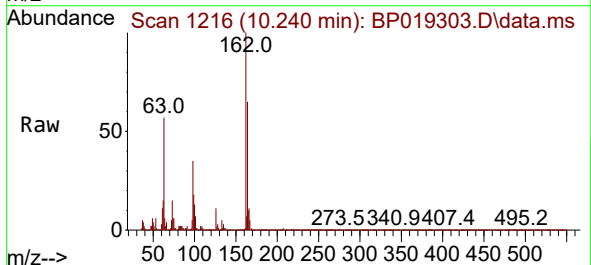
Tgt Ion:162 Resp: 200586

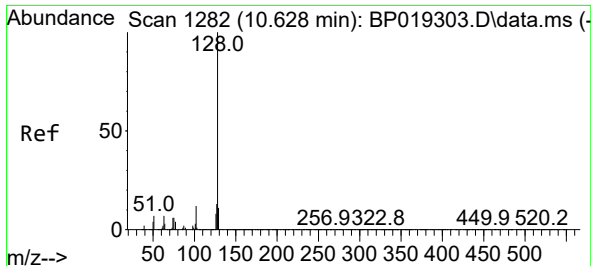
Ion Ratio Lower Upper

162 100

164 65.4 52.3 78.5

98 35.4 28.3 42.5

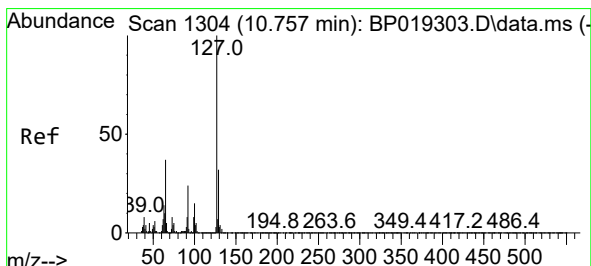
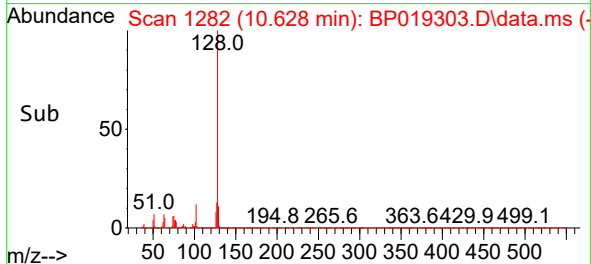
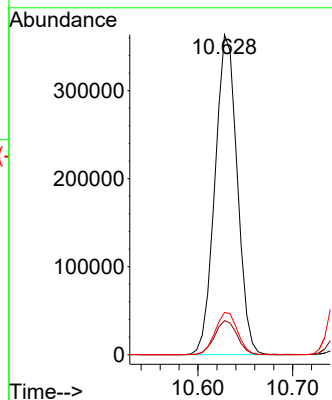
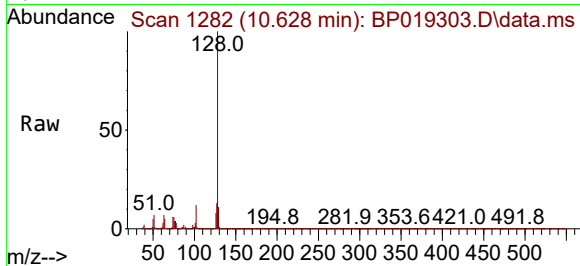




#30
Naphthalene
Concen: 19.764 ng/ul
RT: 10.628 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BP019303.D
Acq: 08 Jan 2024 19:35

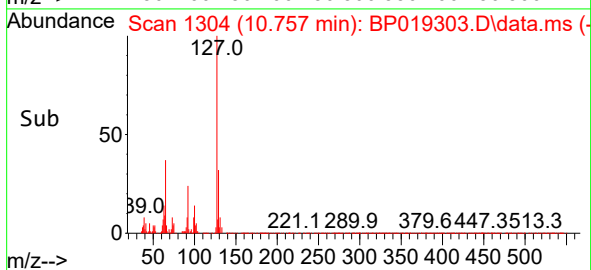
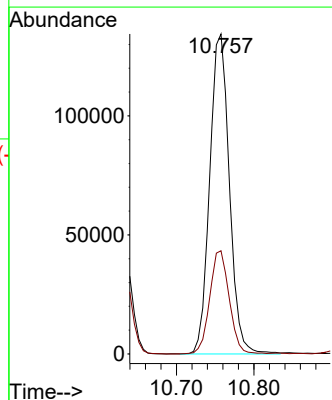
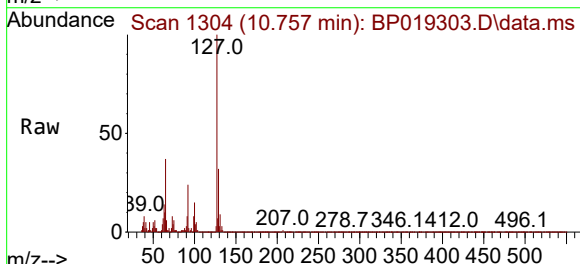
Instrument :
BNA_P
ClientSampleId :
SSTD020646

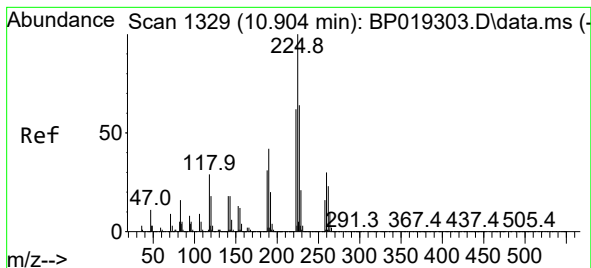
Tgt Ion:128 Resp: 593581
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 13.2 10.6 15.8



#32
4-Chloroaniline
Concen: 21.327 ng/ul
RT: 10.757 min Scan# 1304
Delta R.T. 0.000 min
Lab File: BP019303.D
Acq: 08 Jan 2024 19:35

Tgt Ion:127 Resp: 236552
Ion Ratio Lower Upper
127 100
129 32.3 25.8 38.8





#33

Hexachlorobutadiene

Concen: 24.971 ng/ul

RT: 10.904 min Scan# 1329

Delta R.T. 0.000 min

Lab File: BP019303.D

Acq: 08 Jan 2024 19:35

Instrument :

BNA_P

ClientSampleId :

SSTD020646

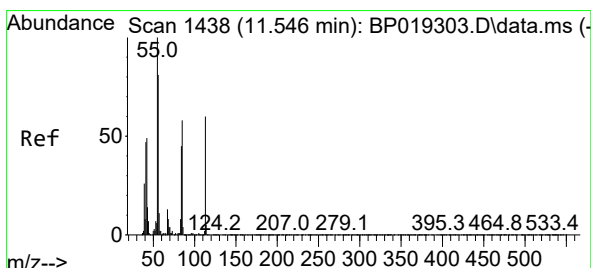
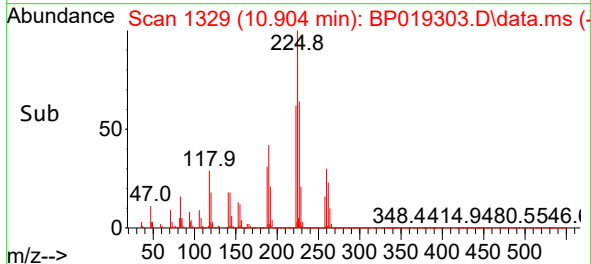
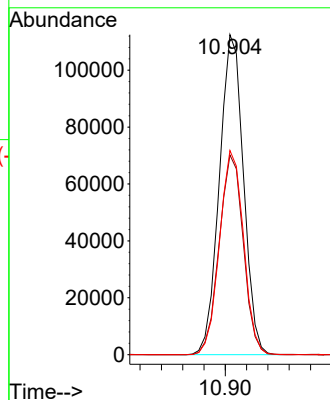
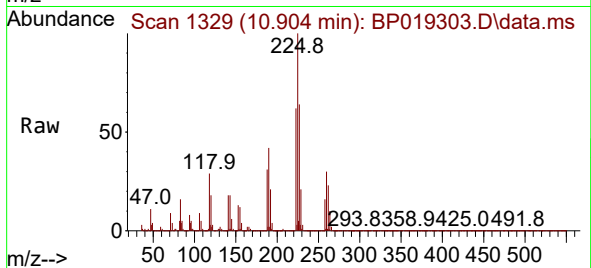
Tgt Ion:225 Resp: 176481

Ion Ratio Lower Upper

225 100

223 62.4 49.9 74.9

227 63.8 51.0 76.6



#34

Caprolactam

Concen: 21.502 ng/ul

RT: 11.546 min Scan# 1438

Delta R.T. 0.000 min

Lab File: BP019303.D

Acq: 08 Jan 2024 19:35

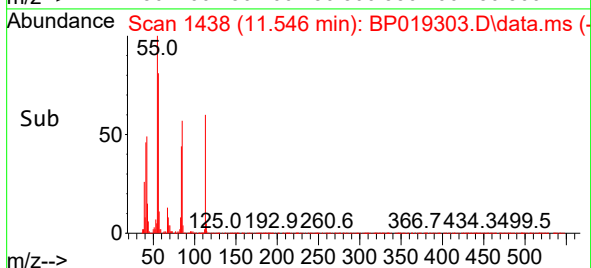
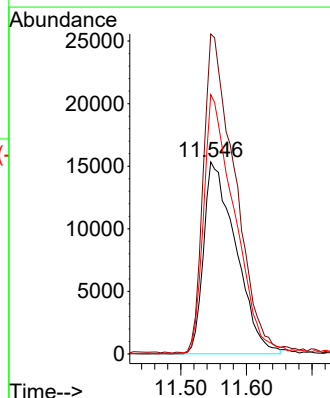
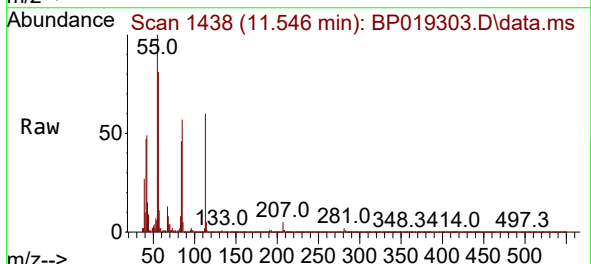
Tgt Ion:113 Resp: 52158

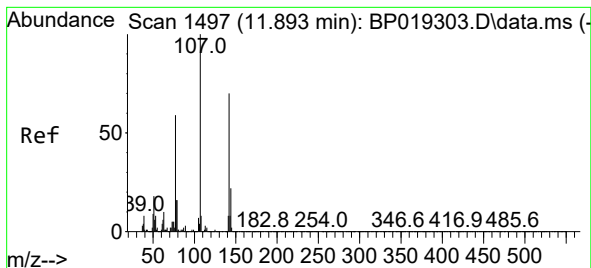
Ion Ratio Lower Upper

113 100

55 166.6 133.3 199.9

56 135.0 108.0 162.0

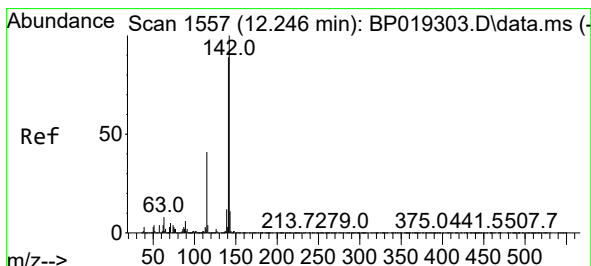
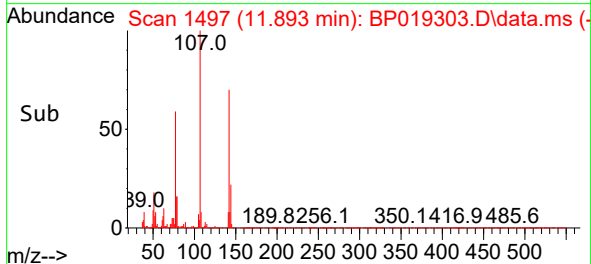
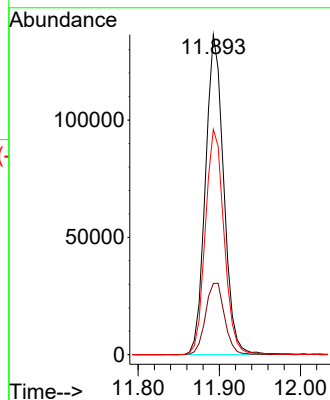
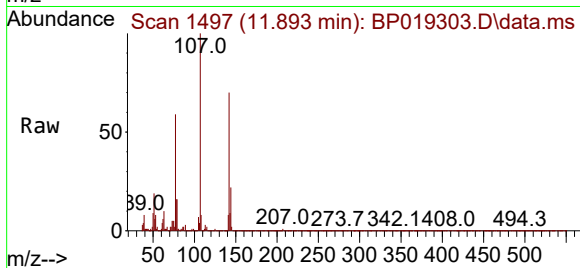




#35
4-Chloro-3-methylphenol
Concen: 23.546 ng/ul
RT: 11.893 min Scan# 1497
Delta R.T. 0.000 min
Lab File: BP019303.D
Acq: 08 Jan 2024 19:35

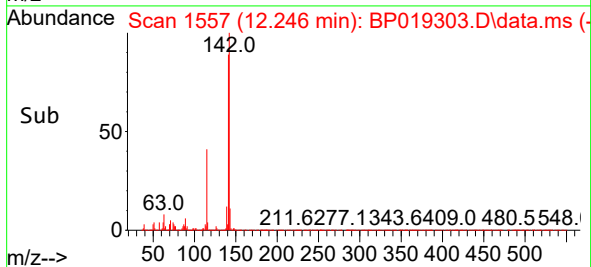
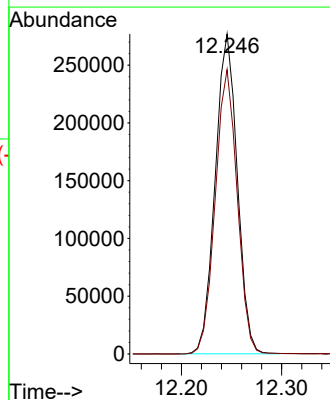
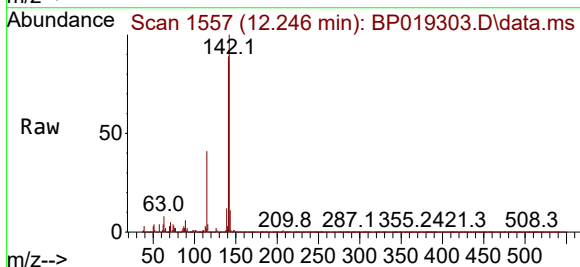
Instrument :
BNA_P
ClientSampleId :
SSTD020646

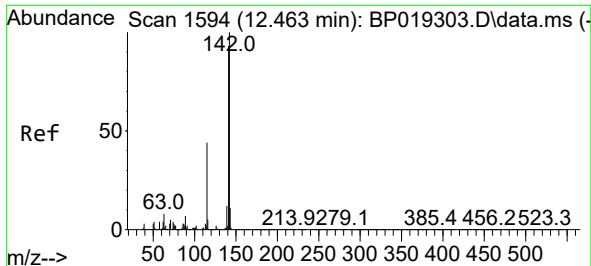
Tgt Ion:107 Resp: 212257
Ion Ratio Lower Upper
107 100
144 22.3 17.8 26.8
142 70.4 56.3 84.5



#36
2-Methylnaphthalene
Concen: 20.924 ng/ul
RT: 12.246 min Scan# 1557
Delta R.T. 0.000 min
Lab File: BP019303.D
Acq: 08 Jan 2024 19:35

Tgt Ion:142 Resp: 423700
Ion Ratio Lower Upper
142 100
141 88.9 71.1 106.7

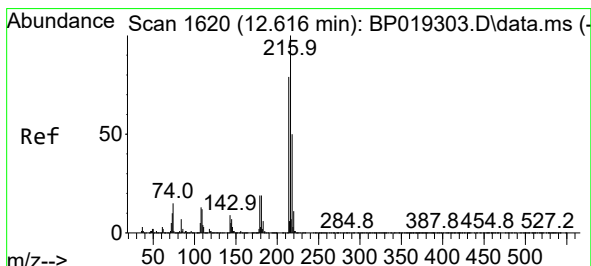
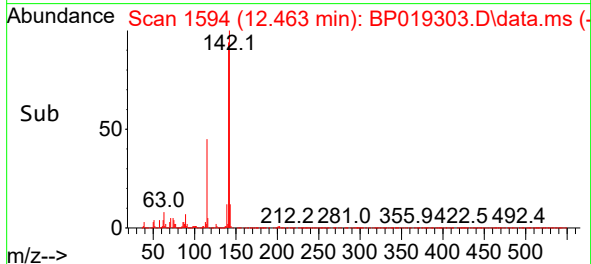
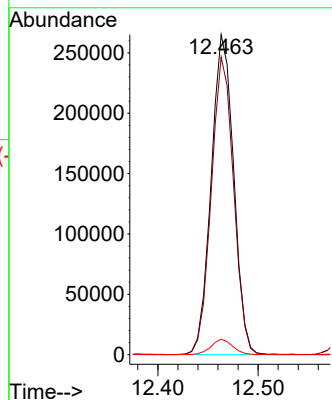
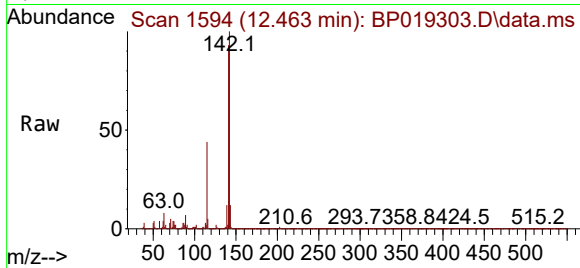




#37
1-Methylnaphthalene
Concen: 20.194 ng/ul
RT: 12.463 min Scan# 1594
Delta R.T. 0.000 min
Lab File: BP019303.D
Acq: 08 Jan 2024 19:35

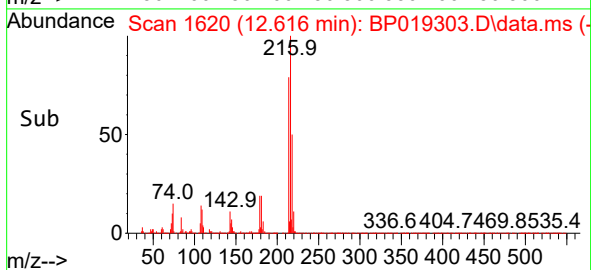
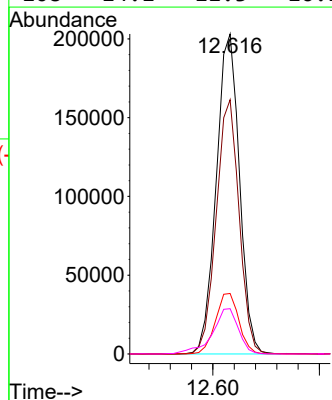
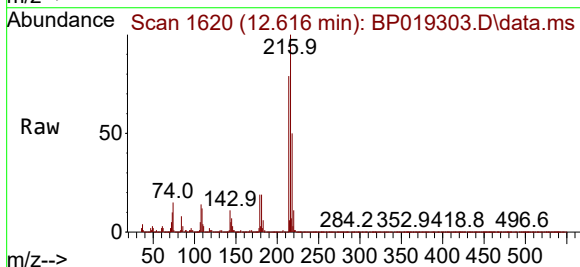
Instrument :
BNA_P
ClientSampleId :
SSTD020646

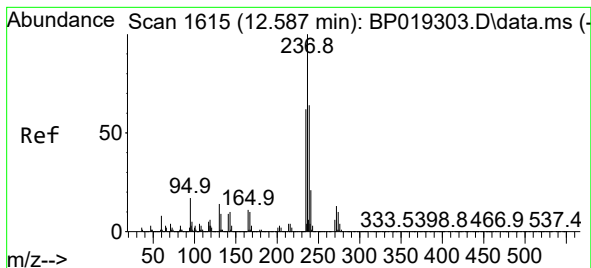
Tgt Ion:142 Resp: 412364
Ion Ratio Lower Upper
142 100
141 93.0 74.4 111.6
116 4.9 3.9 5.9



#39
1,2,4,5-Tetrachlorobenzene
Concen: 23.889 ng/ul
RT: 12.616 min Scan# 1620
Delta R.T. 0.000 min
Lab File: BP019303.D
Acq: 08 Jan 2024 19:35

Tgt Ion:216 Resp: 306526
Ion Ratio Lower Upper
216 100
214 79.5 63.6 95.4
179 18.9 15.1 22.7
108 14.1 11.3 16.9





#40

Hexachlorocyclopentadiene

Concen: 25.271 ng/ul

RT: 12.587 min Scan# 1615

Delta R.T. 0.000 min

Lab File: BP019303.D

Acq: 08 Jan 2024 19:35

Instrument :

BNA_P

ClientSampleId :

SSTD020646

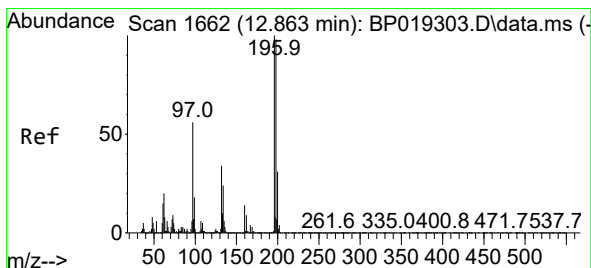
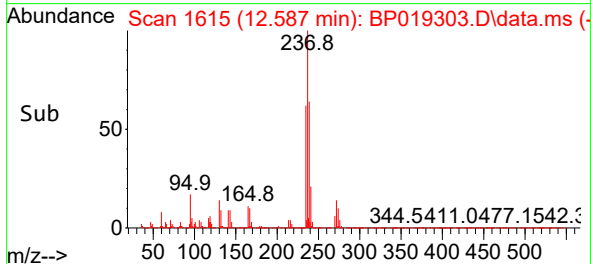
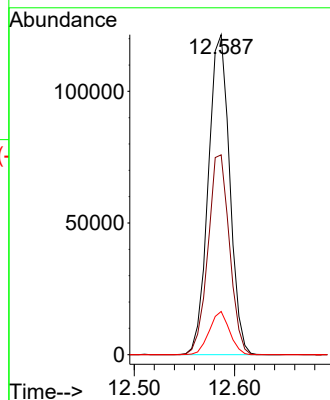
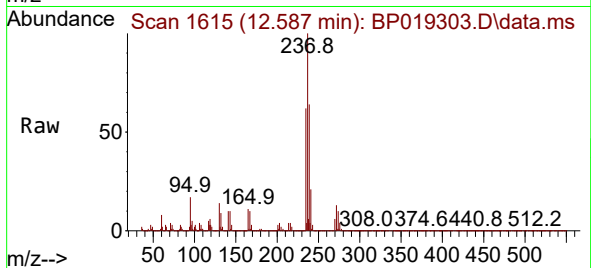
Tgt Ion:237 Resp: 179982

Ion Ratio Lower Upper

237 100

235 62.5 50.0 75.0

272 14.3 11.4 17.2



#41

2,4,6-Trichlorophenol

Concen: 24.315 ng/ul

RT: 12.863 min Scan# 1662

Delta R.T. 0.000 min

Lab File: BP019303.D

Acq: 08 Jan 2024 19:35

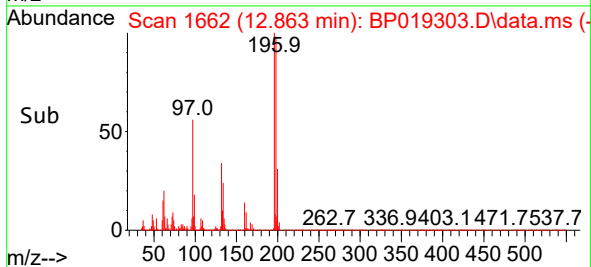
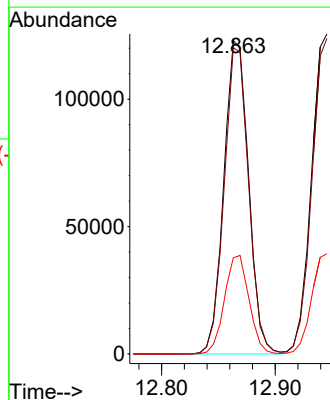
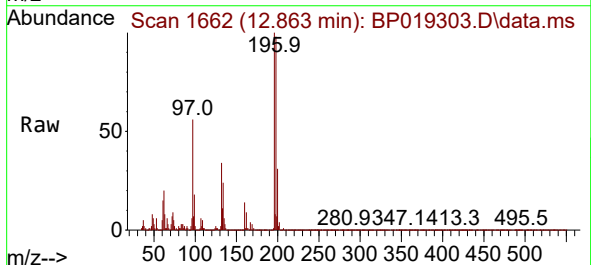
Tgt Ion:196 Resp: 186191

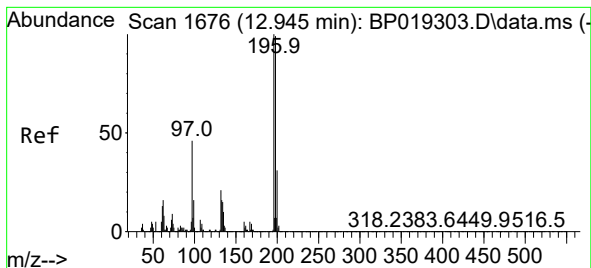
Ion Ratio Lower Upper

196 100

198 97.7 78.2 117.2

200 30.7 24.6 36.8





#42

2,4,5-Trichlorophenol

Concen: 24.159 ng/ul

RT: 12.945 min Scan# 1676

Delta R.T. 0.000 min

Lab File: BP019303.D

Acq: 08 Jan 2024 19:35

Instrument :

BNA_P

ClientSampleId :

SSTD020646

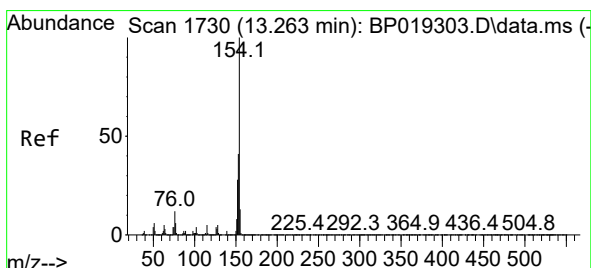
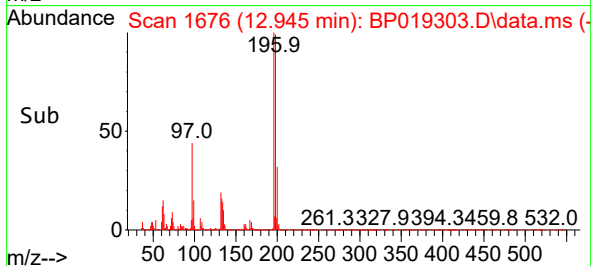
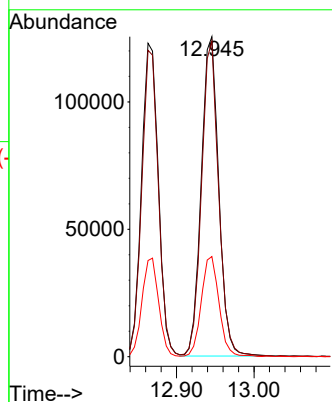
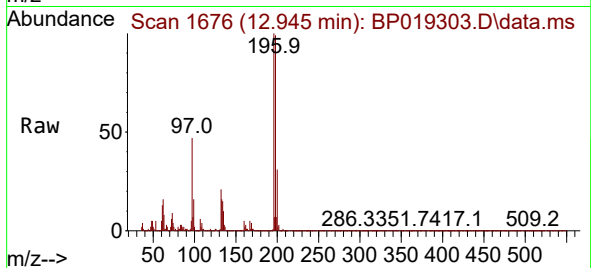
Tgt Ion:196 Resp: 196378

Ion Ratio Lower Upper

196 100

198 98.6 78.9 118.3

200 31.3 25.0 37.6



#43

1,1'-Biphenyl

Concen: 21.148 ng/ul

RT: 13.263 min Scan# 1730

Delta R.T. 0.000 min

Lab File: BP019303.D

Acq: 08 Jan 2024 19:35

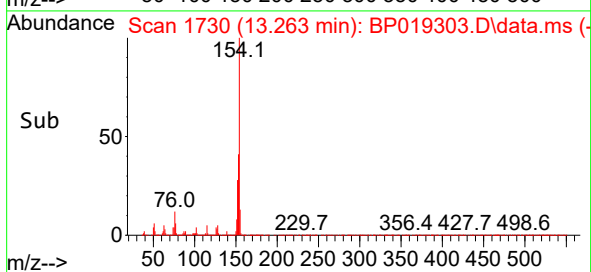
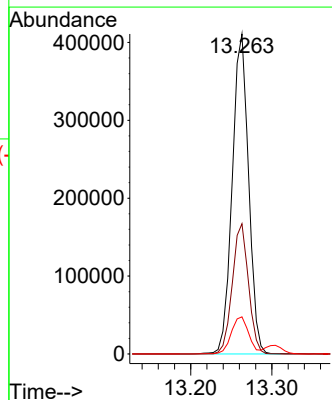
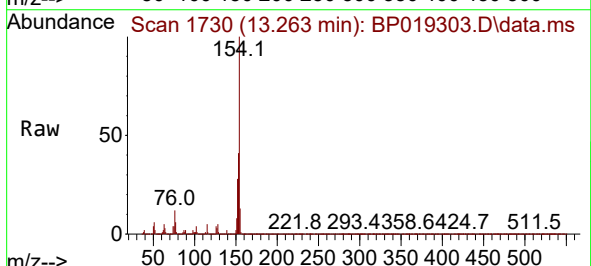
Tgt Ion:154 Resp: 574744

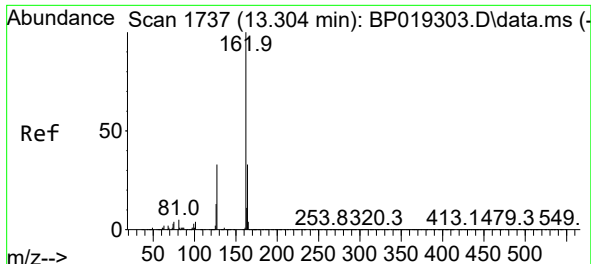
Ion Ratio Lower Upper

154 100

153 40.7 32.6 48.8

76 11.6 9.3 13.9

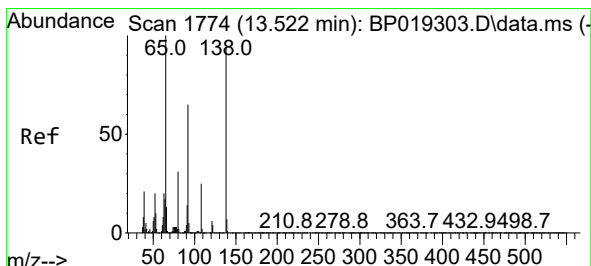
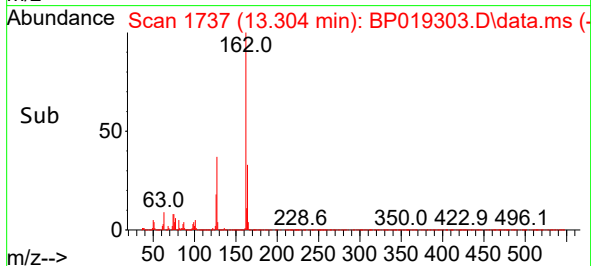
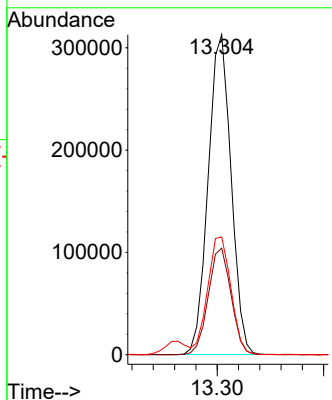
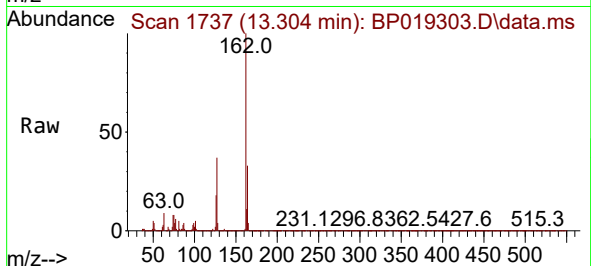




#44
2-Chloronaphthalene
Concen: 21.402 ng/ul
RT: 13.304 min Scan# 1737
Delta R.T. 0.000 min
Lab File: BP019303.D
Acq: 08 Jan 2024 19:35

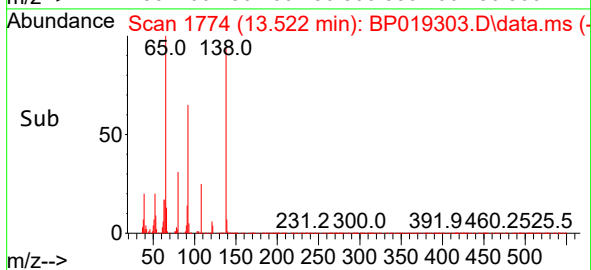
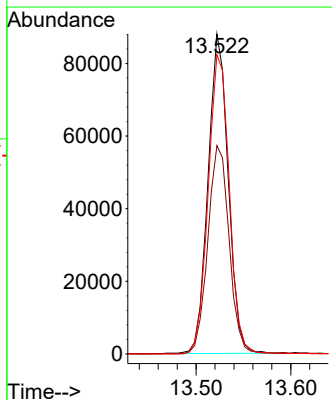
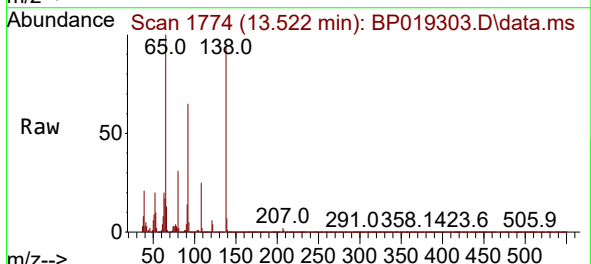
Instrument :
BNA_P
ClientSampleId :
SSTD020646

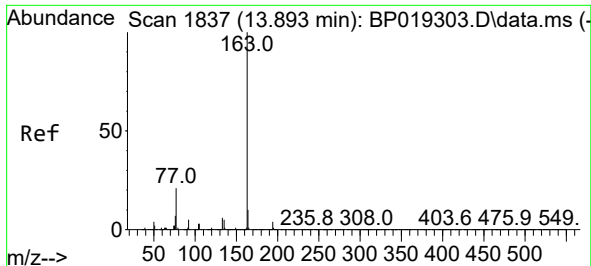
Tgt Ion:162 Resp: 466720
Ion Ratio Lower Upper
162 100
164 33.3 26.6 40.0
127 36.8 29.4 44.2



#45
2-Nitroaniline
Concen: 24.868 ng/ul
RT: 13.522 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BP019303.D
Acq: 08 Jan 2024 19:35

Tgt Ion: 65 Resp: 130188
Ion Ratio Lower Upper
65 100
92 65.1 52.1 78.1
138 93.5 74.8 112.2

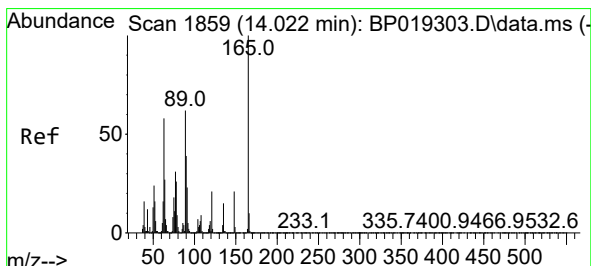
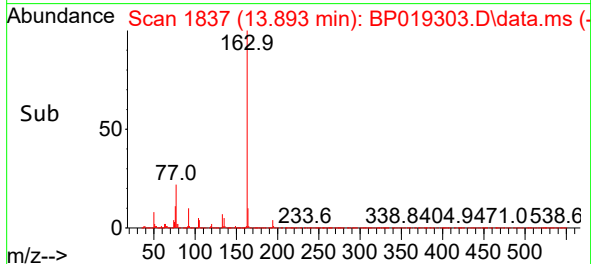
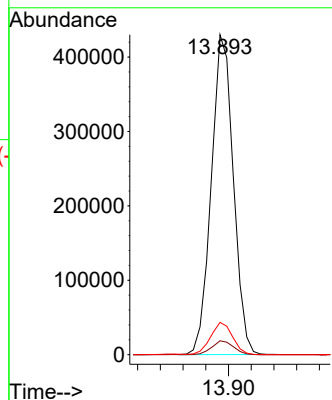
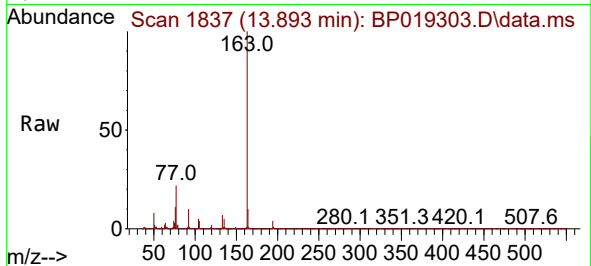




#47
Dimethylphthalate
Concen: 21.340 ng/ul
RT: 13.893 min Scan# 1837
Delta R.T. 0.000 min
Lab File: BP019303.D
Acq: 08 Jan 2024 19:35

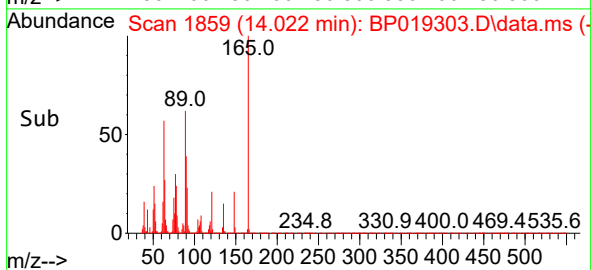
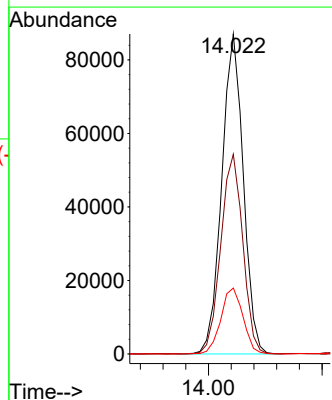
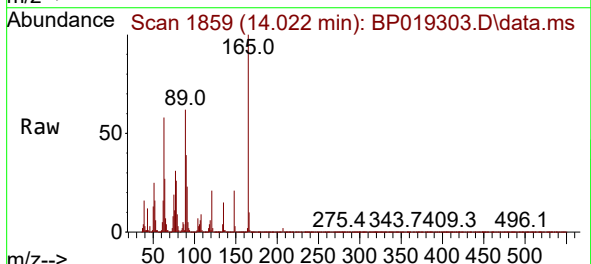
Instrument :
BNA_P
ClientSampleId :
SSTD020646

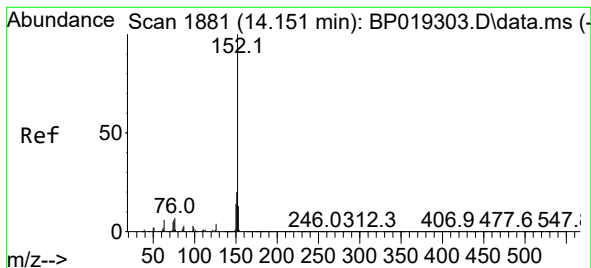
Tgt Ion:163 Resp: 579681
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.1 8.1 12.1



#48
2,6-Dinitrotoluene
Concen: 22.945 ng/ul
RT: 14.022 min Scan# 1859
Delta R.T. 0.000 min
Lab File: BP019303.D
Acq: 08 Jan 2024 19:35

Tgt Ion:165 Resp: 114528
Ion Ratio Lower Upper
165 100
89 62.4 49.9 74.9
121 20.6 16.5 24.7





#50

Acenaphthylene

Concen: 21.174 ng/ul

RT: 14.151 min Scan# 1881

Delta R.T. 0.000 min

Lab File: BP019303.D

Acq: 08 Jan 2024 19:35

Instrument :

BNA_P

ClientSampleId :

SSTD020646

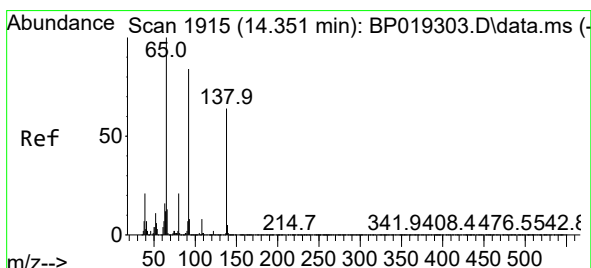
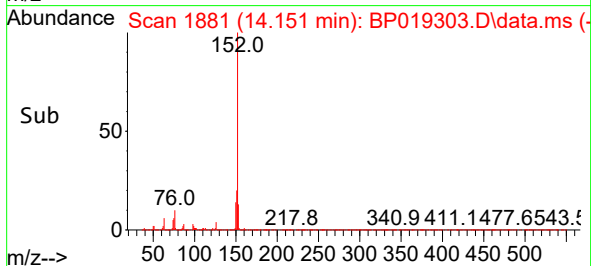
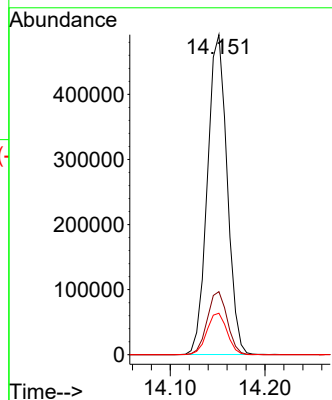
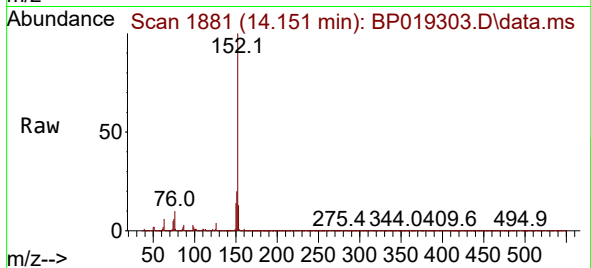
Tgt Ion:152 Resp: 711346

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.6

153 12.9 10.3 15.5



#51

3-Nitroaniline

Concen: 19.733 ng/ul

RT: 14.351 min Scan# 1915

Delta R.T. 0.000 min

Lab File: BP019303.D

Acq: 08 Jan 2024 19:35

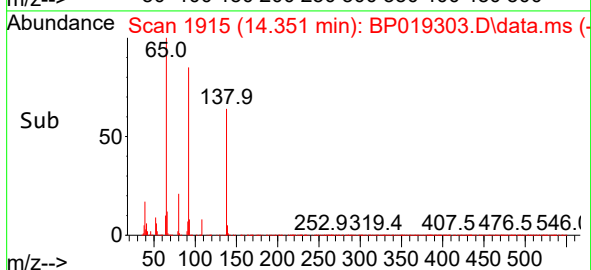
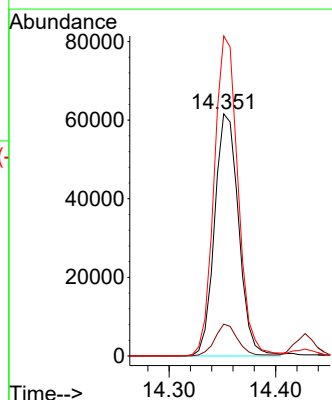
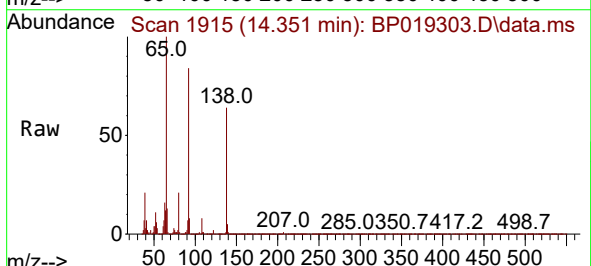
Tgt Ion:138 Resp: 96291

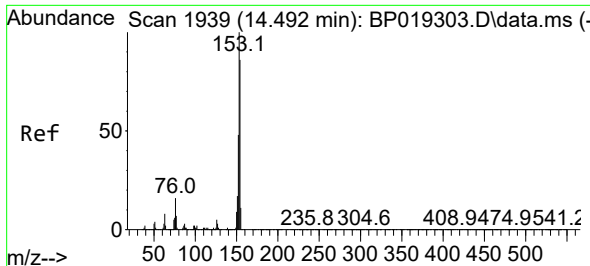
Ion Ratio Lower Upper

138 100

108 13.2 10.6 15.8

92 132.2 105.8 158.6

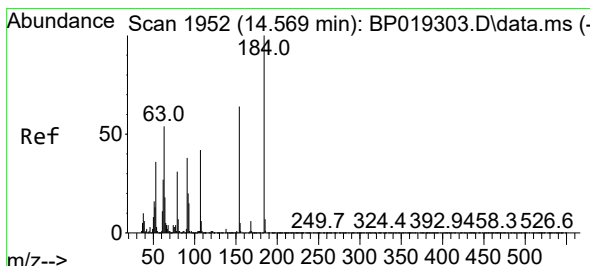
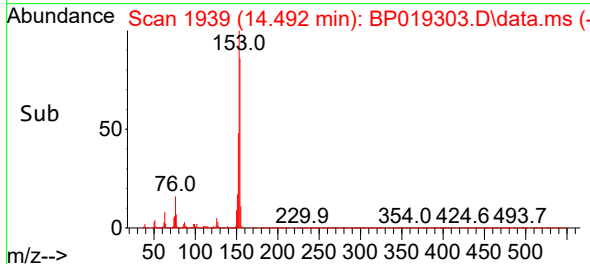
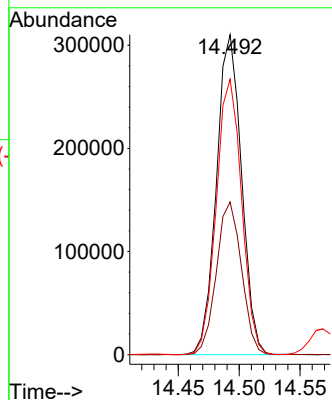
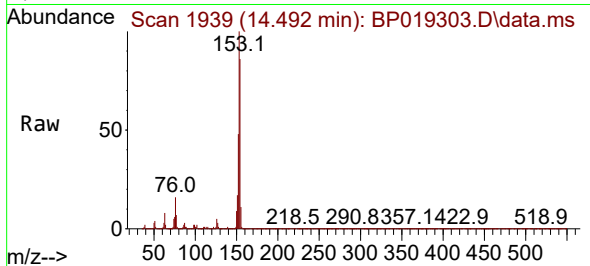




#52
Acenaphthene
Concen: 19.558 ng/ul
RT: 14.492 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BP019303.D
Acq: 08 Jan 2024 19:35

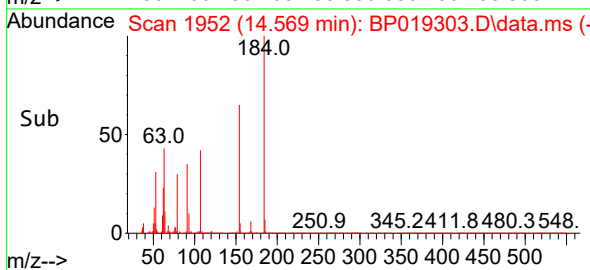
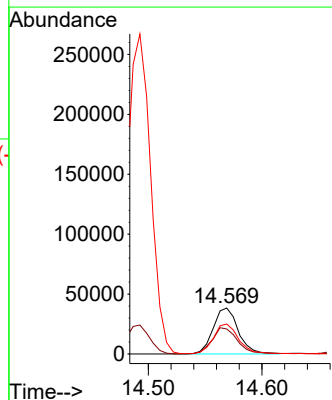
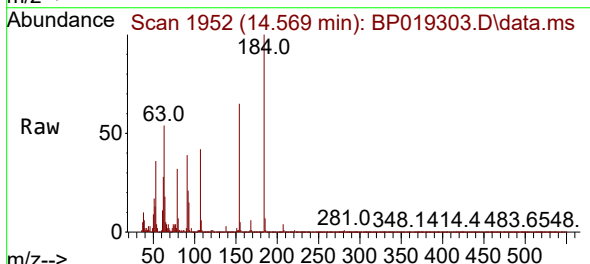
Instrument :
BNA_P
ClientSampleId :
SSTD020646

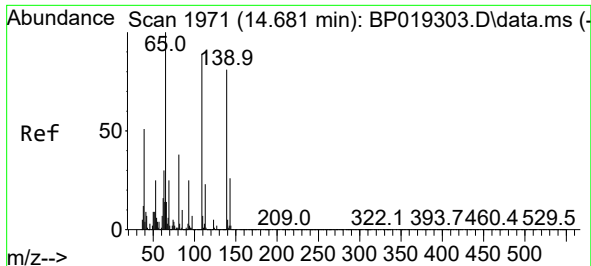
Tgt Ion:153 Resp: 445315
Ion Ratio Lower Upper
153 100
152 47.7 38.2 57.2
154 86.1 68.9 103.3



#53
2,4-Dinitrophenol
Concen: 18.341 ng/ul
RT: 14.569 min Scan# 1952
Delta R.T. 0.000 min
Lab File: BP019303.D
Acq: 08 Jan 2024 19:35

Tgt Ion:184 Resp: 58979
Ion Ratio Lower Upper
184 100
63 54.5 43.6 65.4
154 65.1 52.1 78.1

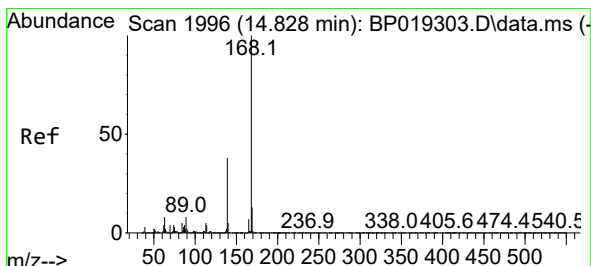
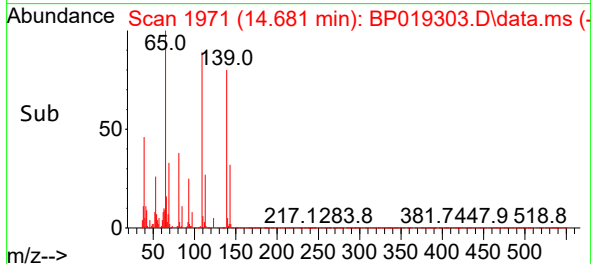
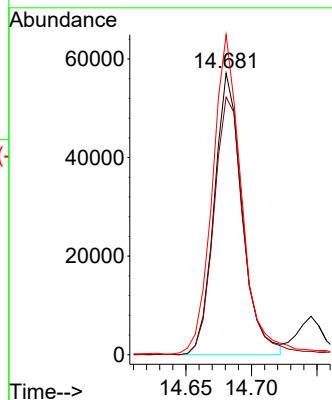
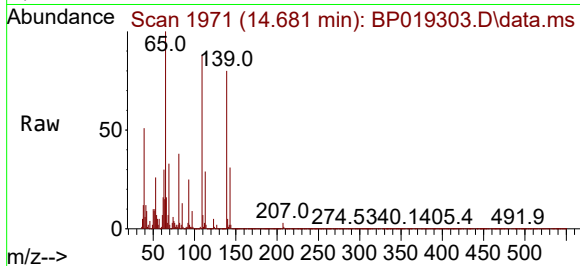




#55
4-Nitrophenol
Concen: 22.804 ng/ul
RT: 14.681 min Scan# 1971
Delta R.T. 0.000 min
Lab File: BP019303.D
Acq: 08 Jan 2024 19:35

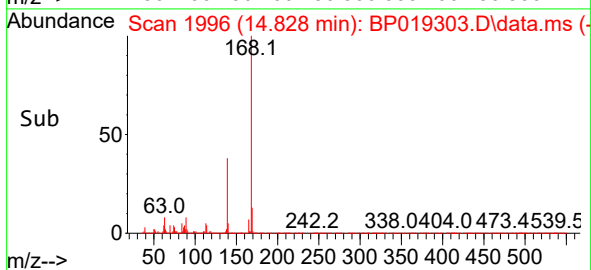
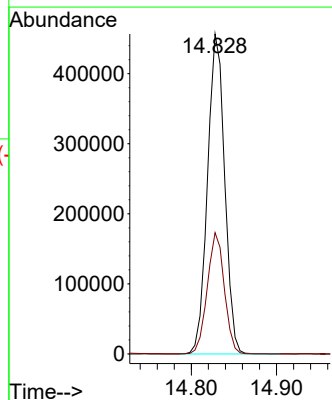
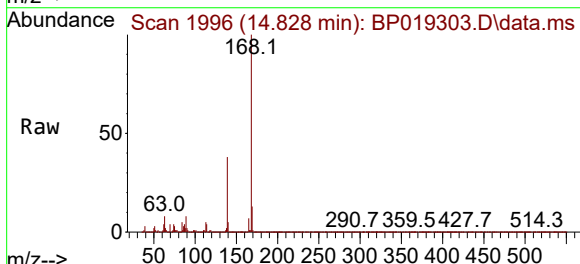
Instrument :
BNA_P
ClientSampleId :
SSTD020646

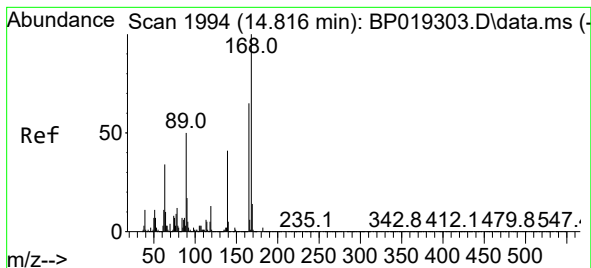
Tgt Ion:109 Resp: 84687
Ion Ratio Lower Upper
109 100
139 91.5 73.2 109.8
65 113.6 90.9 136.3



#56
Dibenzofuran
Concen: 19.645 ng/ul
RT: 14.828 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BP019303.D
Acq: 08 Jan 2024 19:35

Tgt Ion:168 Resp: 638776
Ion Ratio Lower Upper
168 100
139 37.9 30.3 45.5

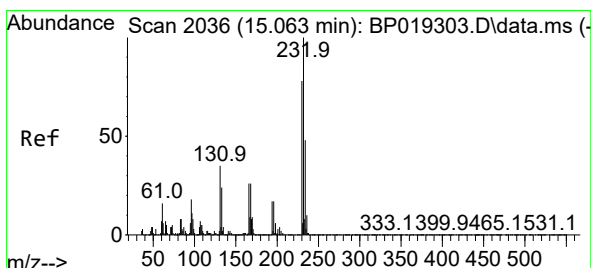
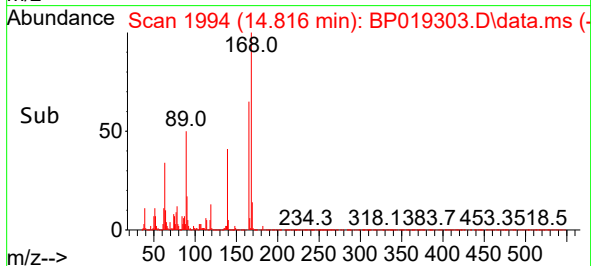
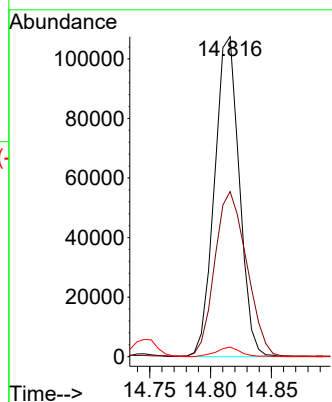
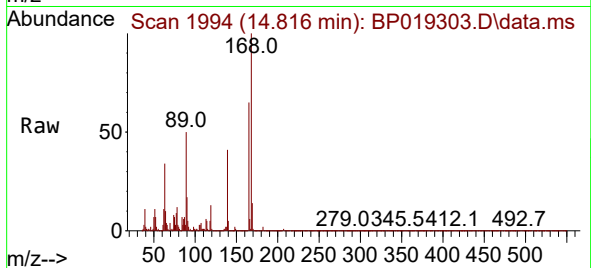




#57
2,4-Dinitrotoluene
Concen: 20.733 ng/ul
RT: 14.816 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BP019303.D
Acq: 08 Jan 2024 19:35

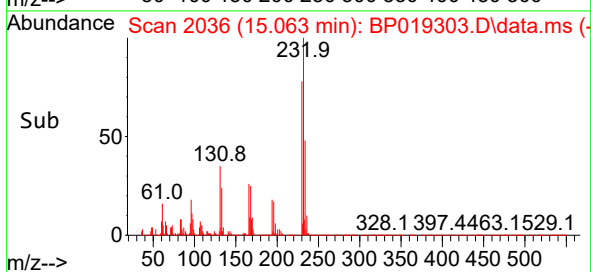
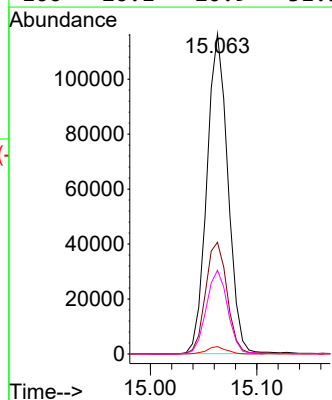
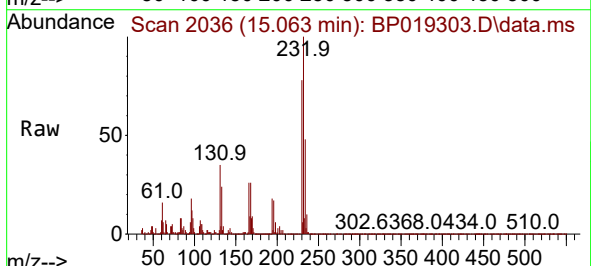
Instrument :
BNA_P
ClientSampleId :
SSTD020646

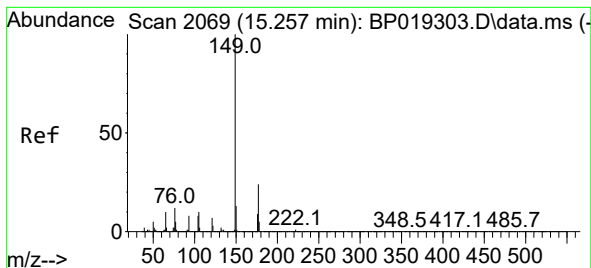
Tgt Ion:165 Resp: 152197
Ion Ratio Lower Upper
165 100
63 51.6 41.3 61.9
182 3.0 2.4 3.6



#58
2,3,4,6-Tetrachlorophenol
Concen: 22.492 ng/ul
RT: 15.063 min Scan# 2036
Delta R.T. 0.000 min
Lab File: BP019303.D
Acq: 08 Jan 2024 19:35

Tgt Ion:232 Resp: 159733
Ion Ratio Lower Upper
232 100
131 34.9 27.9 41.9
130 2.3 1.8 2.8
166 26.1 20.9 31.3





#59

Diethylphthalate

Concen: 19.545 ng/ul

RT: 15.257 min Scan# 2069

Delta R.T. 0.000 min

Lab File: BP019303.D

Acq: 08 Jan 2024 19:35

Instrument :

BNA_P

ClientSampleId :

SSTD020646

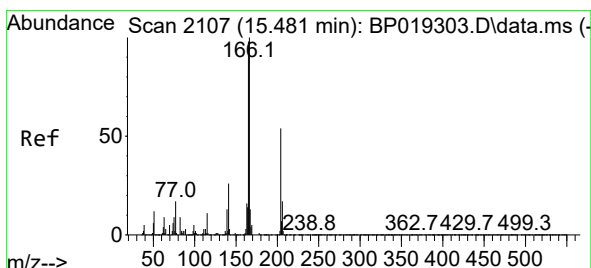
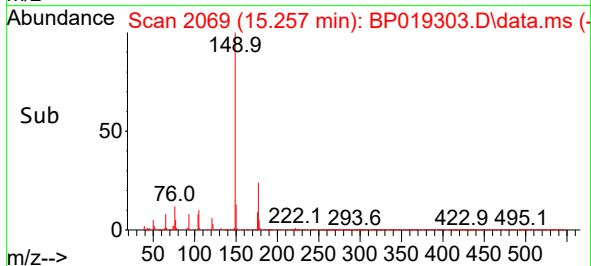
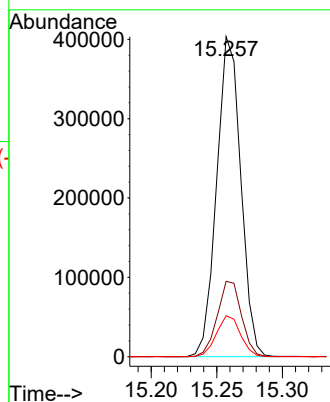
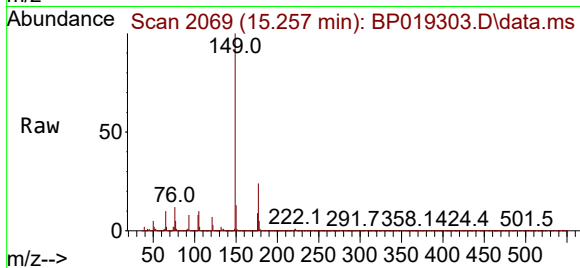
Tgt Ion:149 Resp: 514755

Ion Ratio Lower Upper

149 100

177 23.5 18.8 28.2

150 12.8 10.2 15.4



#61

Fluorene

Concen: 19.595 ng/ul

RT: 15.481 min Scan# 2107

Delta R.T. 0.000 min

Lab File: BP019303.D

Acq: 08 Jan 2024 19:35

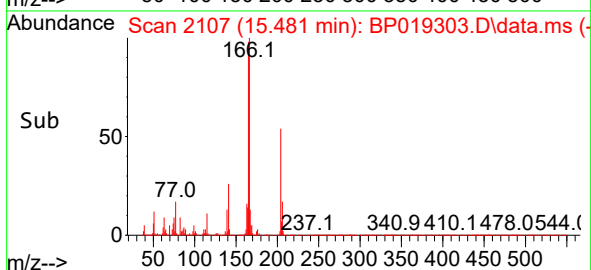
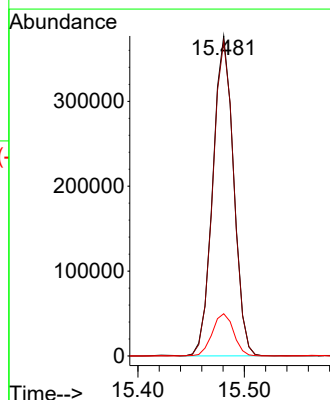
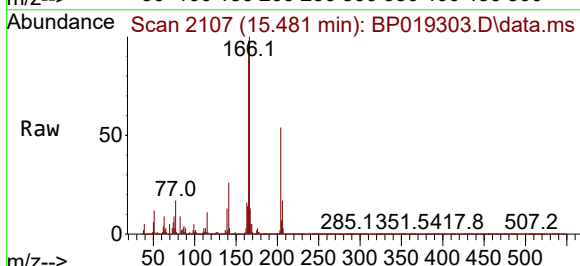
Tgt Ion:166 Resp: 509953

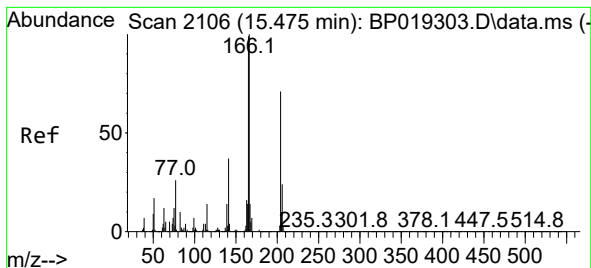
Ion Ratio Lower Upper

166 100

165 98.3 78.6 118.0

167 13.2 10.6 15.8

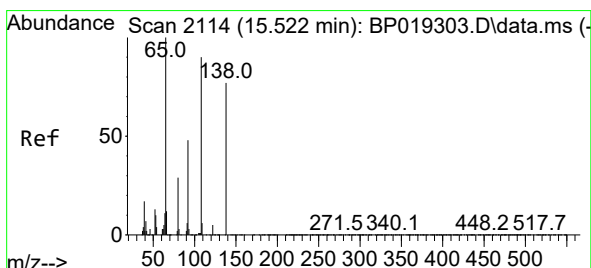
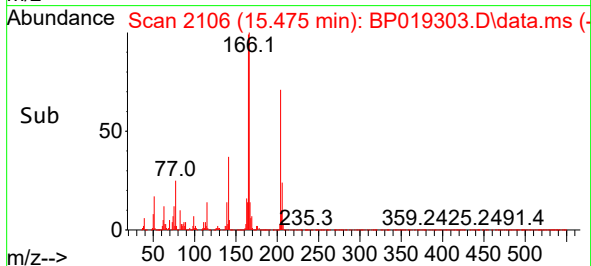
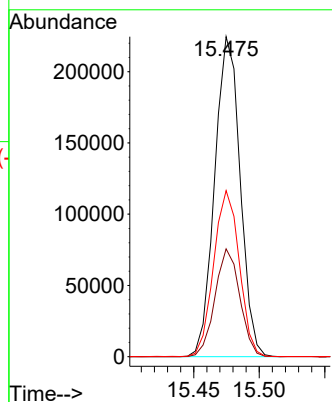
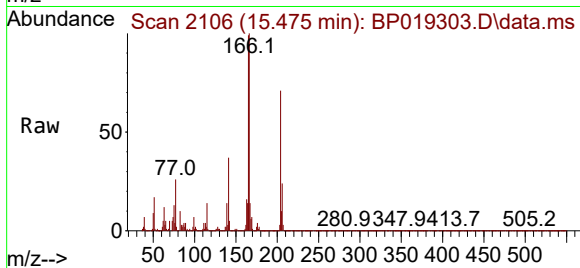




#62
4-Chlorophenyl-phenylether
Concen: 21.306 ng/ul
RT: 15.475 min Scan# 2106
Delta R.T. 0.000 min
Lab File: BP019303.D
Acq: 08 Jan 2024 19:35

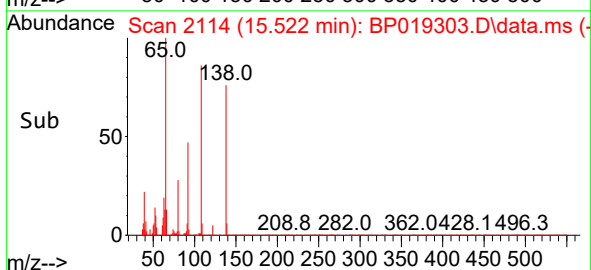
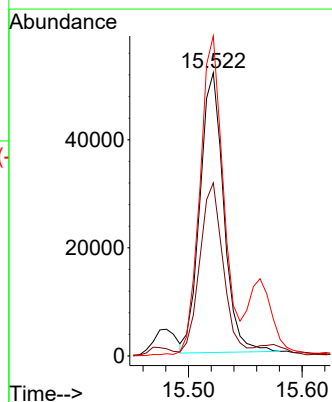
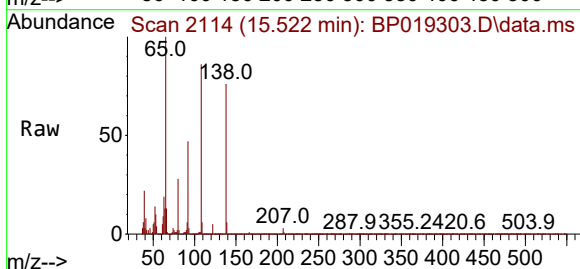
Instrument :
BNA_P
ClientSampleId :
SSTD020646

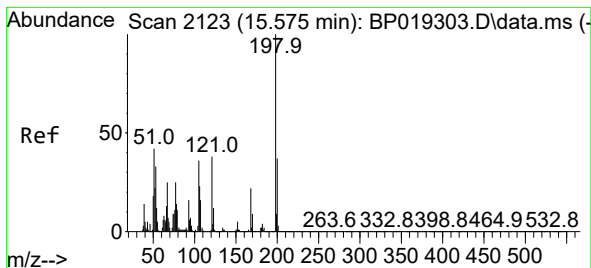
Tgt Ion:204 Resp: 302807
Ion Ratio Lower Upper
204 100
206 33.7 27.0 40.4
141 51.9 41.5 62.3



#63
4-Nitroaniline
Concen: 15.305 ng/ul
RT: 15.522 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BP019303.D
Acq: 08 Jan 2024 19:35

Tgt Ion:138 Resp: 75140
Ion Ratio Lower Upper
138 100
92 61.1 48.9 73.3
108 113.0 90.4 135.6

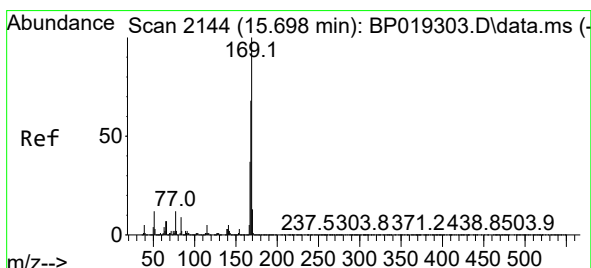
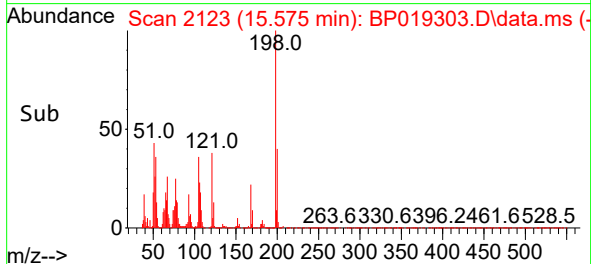
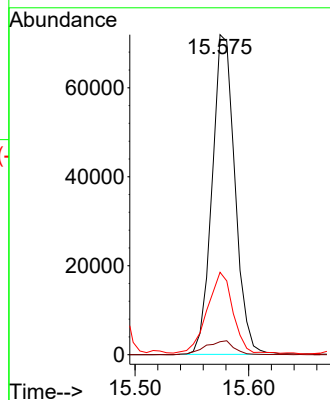
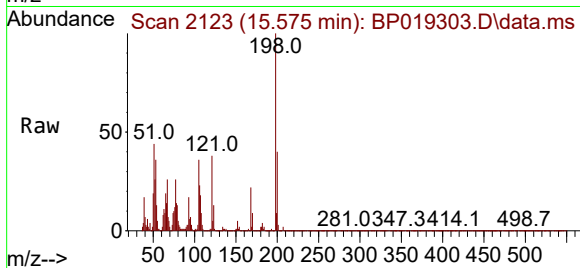




#66
4,6-Dinitro-2-methylphenol
Concen: 21.767 ng/ul
RT: 15.575 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BP019303.D
Acq: 08 Jan 2024 19:35

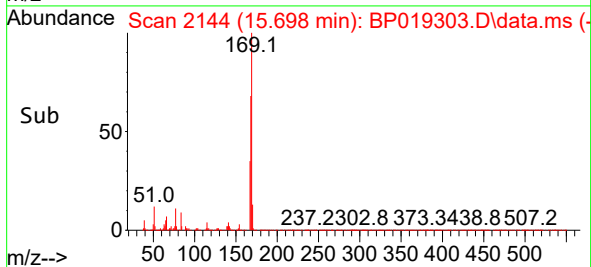
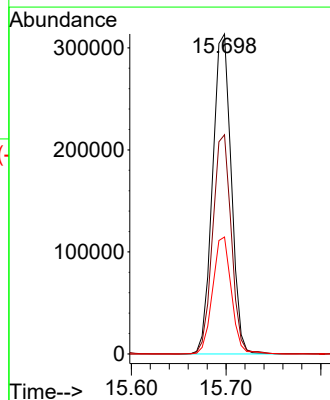
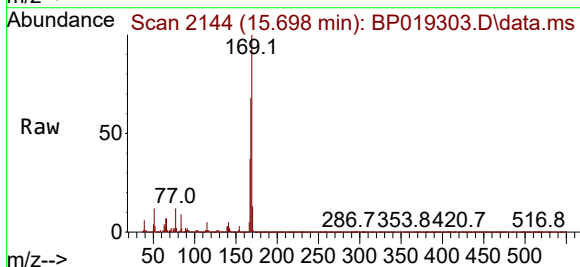
Instrument :
BNA_P
ClientSampleId :
SSTD020646

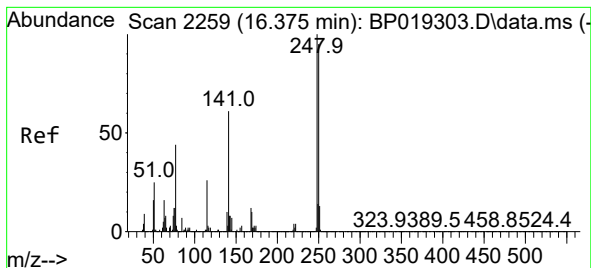
Tgt Ion:198 Resp: 100213
Ion Ratio Lower Upper
198 100
182 4.0 3.2 4.8
77 25.7 20.6 30.8



#67
N-Nitrosodiphenylamine
Concen: 21.186 ng/ul
RT: 15.698 min Scan# 2144
Delta R.T. 0.000 min
Lab File: BP019303.D
Acq: 08 Jan 2024 19:35

Tgt Ion:169 Resp: 428866
Ion Ratio Lower Upper
169 100
168 68.5 54.8 82.2
167 36.6 29.3 43.9

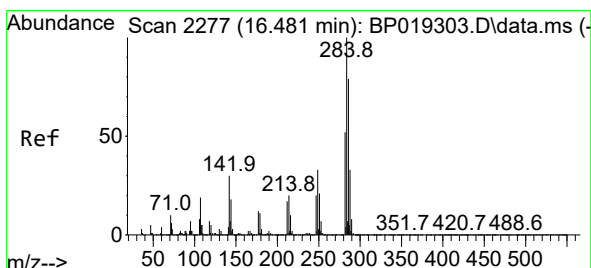
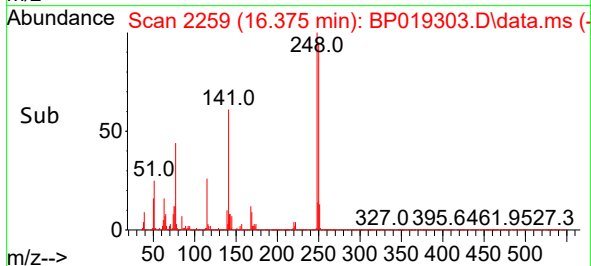
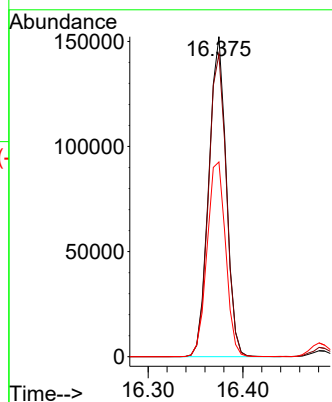
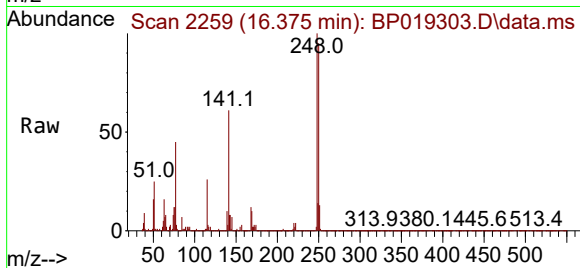




#68
4-Bromophenyl-phenylether
Concen: 23.629 ng/ul
RT: 16.375 min Scan# 2259
Delta R.T. 0.000 min
Lab File: BP019303.D
Acq: 08 Jan 2024 19:35

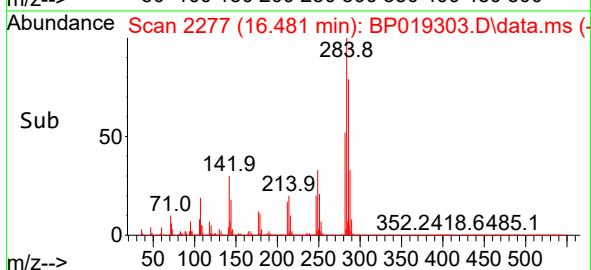
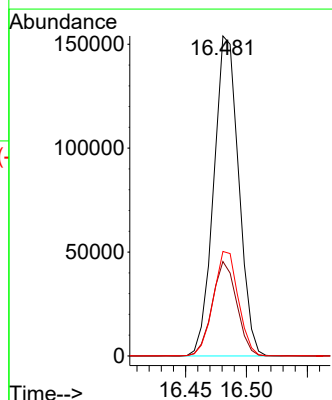
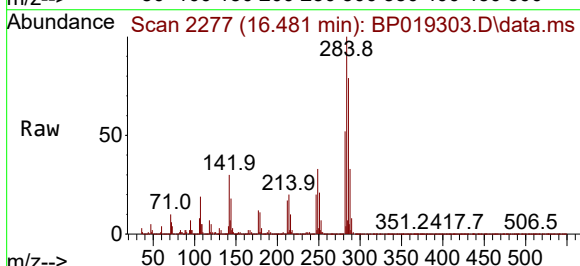
Instrument :
BNA_P
ClientSampleId :
SSTD020646

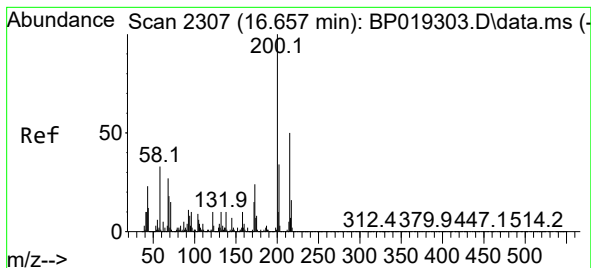
Tgt Ion:248 Resp: 194795
Ion Ratio Lower Upper
248 100
250 94.5 75.6 113.4
141 60.9 48.7 73.1



#69
Hexachlorobenzene
Concen: 21.769 ng/ul
RT: 16.481 min Scan# 2277
Delta R.T. 0.000 min
Lab File: BP019303.D
Acq: 08 Jan 2024 19:35

Tgt Ion:284 Resp: 219315
Ion Ratio Lower Upper
284 100
142 29.5 23.6 35.4
249 32.6 26.1 39.1





#70

Atrazine

Concen: 29.604 ng/ul

RT: 16.657 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP019303.D

Acq: 08 Jan 2024 19:35

Instrument :

BNA_P

ClientSampleId :

SSTD020646

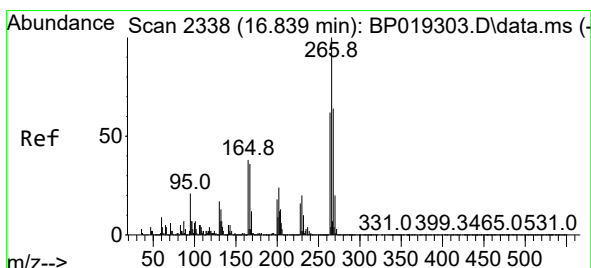
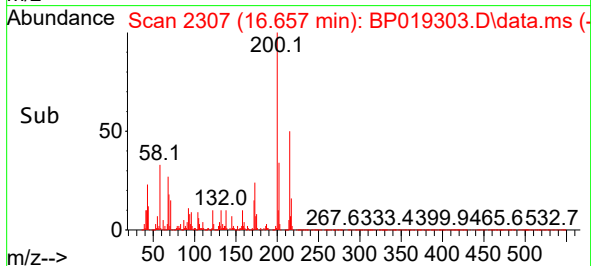
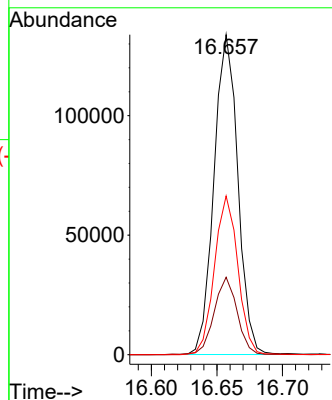
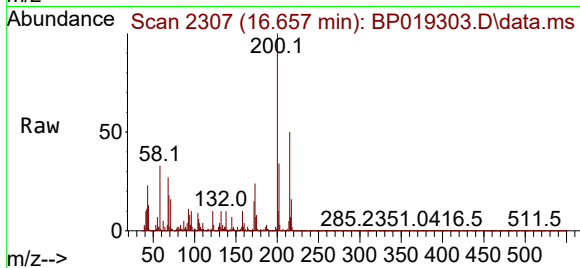
Tgt Ion:200 Resp: 169123

Ion Ratio Lower Upper

200 100

173 24.2 19.4 29.0

215 49.6 39.7 59.5



#71

Pentachlorophenol

Concen: 20.895 ng/ul

RT: 16.839 min Scan# 2338

Delta R.T. 0.000 min

Lab File: BP019303.D

Acq: 08 Jan 2024 19:35

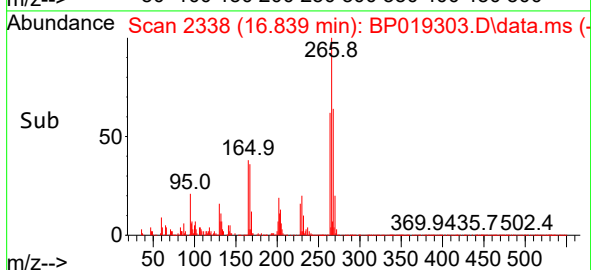
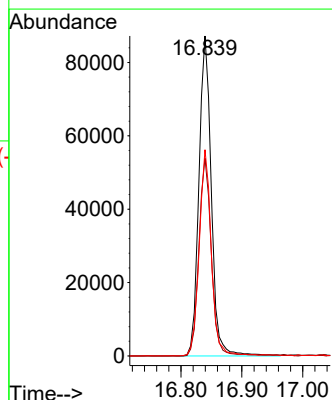
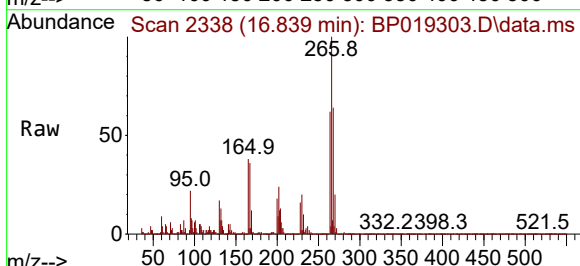
Tgt Ion:266 Resp: 123593

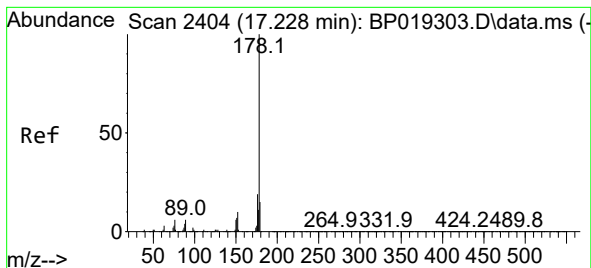
Ion Ratio Lower Upper

266 100

264 61.8 49.4 74.2

268 64.5 51.6 77.4





#72

Phenanthrene

Concen: 19.676 ng/ul

RT: 17.228 min Scan# 2404

Delta R.T. 0.000 min

Lab File: BP019303.D

Acq: 08 Jan 2024 19:35

Instrument :

BNA_P

ClientSampleId :

SSTD020646

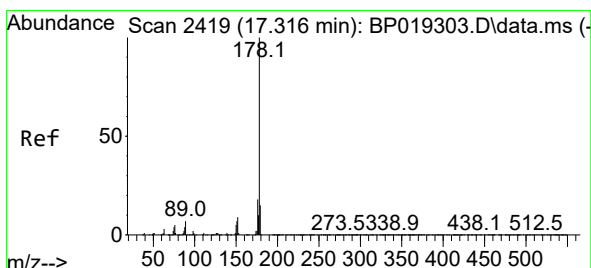
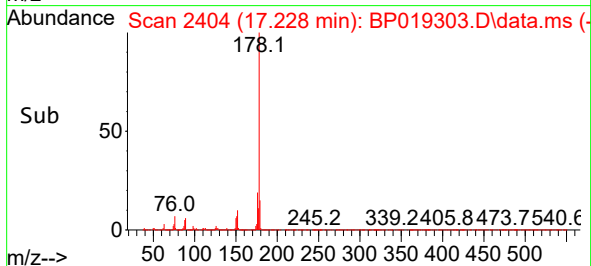
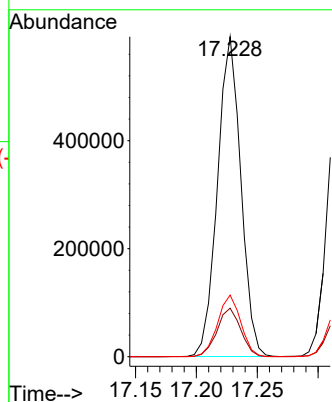
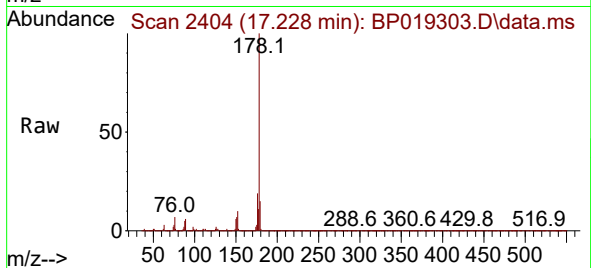
Tgt Ion:178 Resp: 790881

Ion Ratio Lower Upper

178 100

179 15.1 12.1 18.1

176 19.3 15.4 23.2



#74

Anthracene

Concen: 19.989 ng/ul

RT: 17.316 min Scan# 2419

Delta R.T. 0.000 min

Lab File: BP019303.D

Acq: 08 Jan 2024 19:35

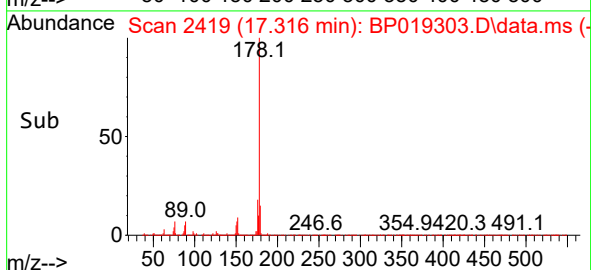
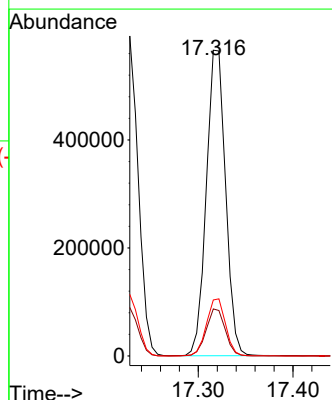
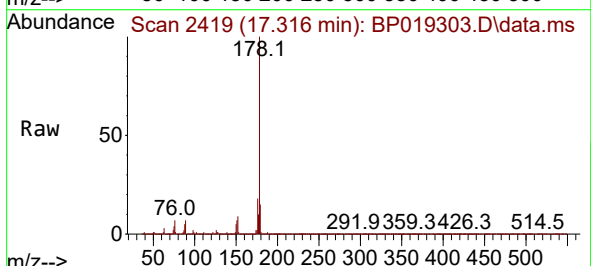
Tgt Ion:178 Resp: 799893

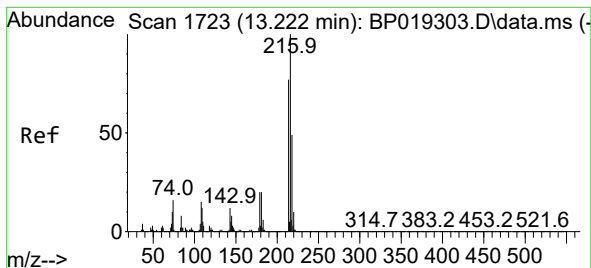
Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

176 18.3 14.6 22.0

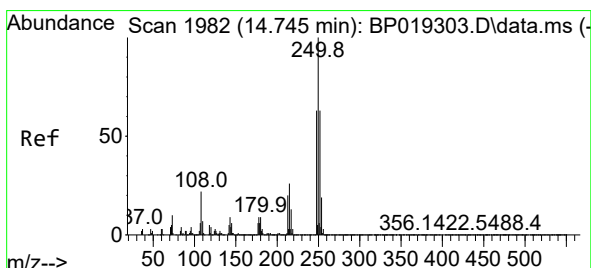
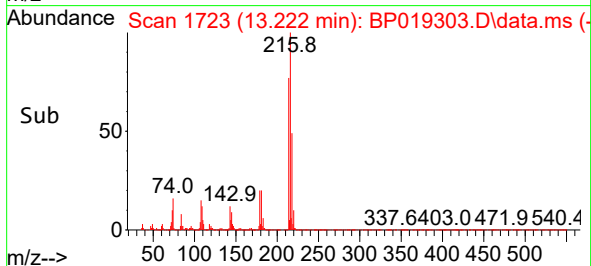
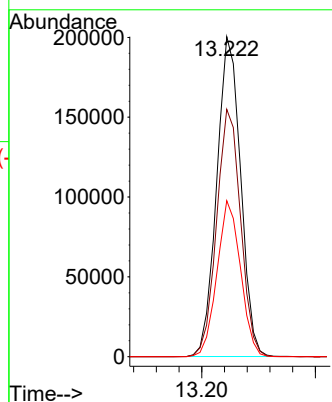
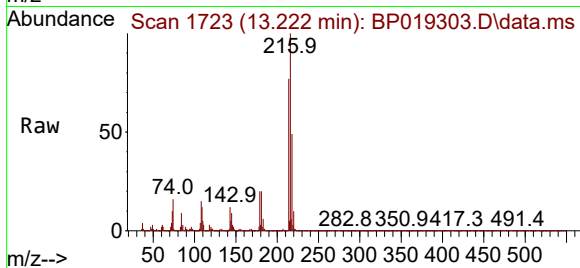




#75
1,2,3,4-Tetrachlorobenzene
Concen: 25.398 ng/uL
RT: 13.222 min Scan# 1723
Delta R.T. 0.000 min
Lab File: BP019303.D
Acq: 08 Jan 2024 19:35

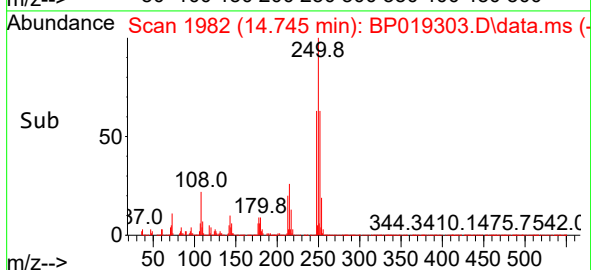
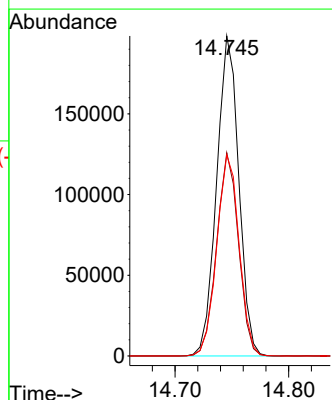
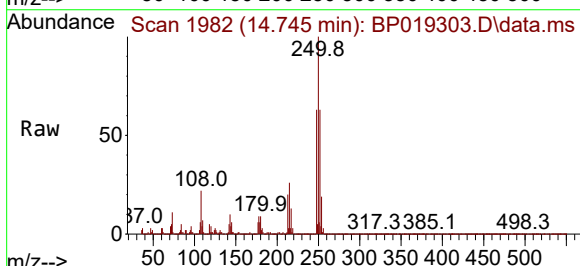
Instrument :
BNA_P
ClientSampleId :
SSTD020646

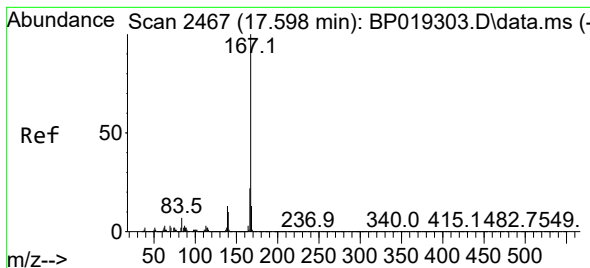
Tgt Ion:216 Resp: 292899
Ion Ratio Lower Upper
216 100
214 77.3 61.8 92.8
218 48.8 39.0 58.6



#76
Pentachlorobenzene
Concen: 23.427 ng/uL
RT: 14.745 min Scan# 1982
Delta R.T. 0.000 min
Lab File: BP019303.D
Acq: 08 Jan 2024 19:35

Tgt Ion:250 Resp: 268466
Ion Ratio Lower Upper
250 100
248 63.5 50.8 76.2
252 62.8 50.2 75.4





#77

Carbazole

Concen: 19.595 ng/ul

RT: 17.598 min Scan# 2467

Delta R.T. 0.000 min

Lab File: BP019303.D

Acq: 08 Jan 2024 19:35

Instrument :

BNA_P

ClientSampleId :

SSTD020646

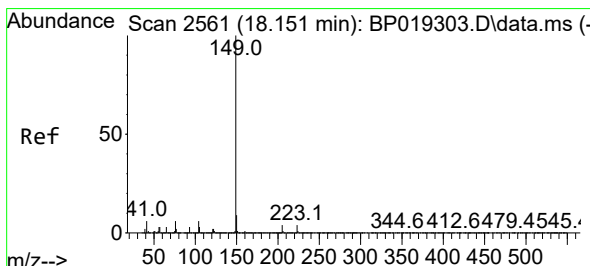
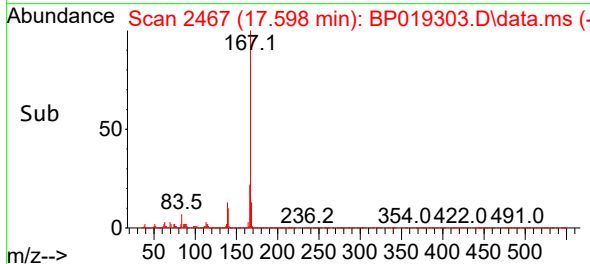
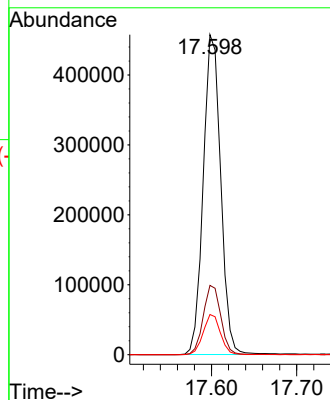
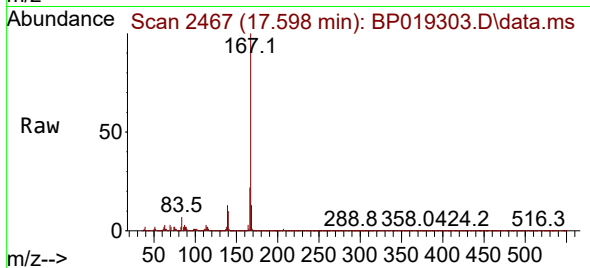
Tgt Ion:167 Resp: 652227

Ion Ratio Lower Upper

167 100

166 21.6 17.3 25.9

139 12.6 10.1 15.1



#78

Di-n-butylphthalate

Concen: 19.066 ng/ul

RT: 18.151 min Scan# 2561

Delta R.T. 0.000 min

Lab File: BP019303.D

Acq: 08 Jan 2024 19:35

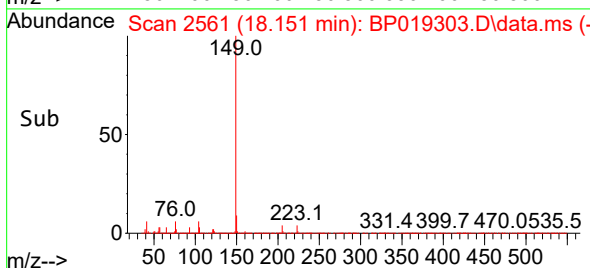
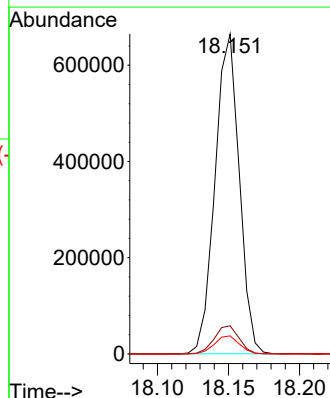
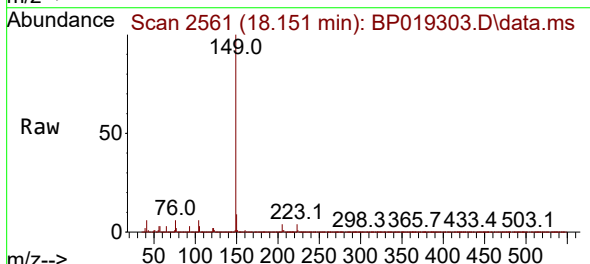
Tgt Ion:149 Resp: 787075

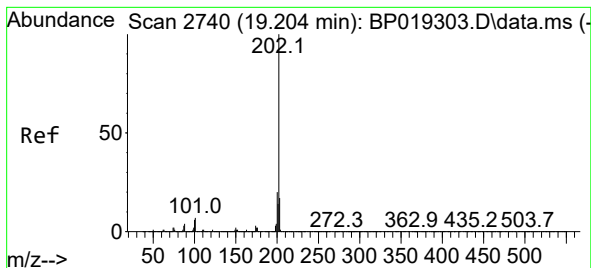
Ion Ratio Lower Upper

149 100

150 8.8 7.0 10.6

104 5.7 4.6 6.8





#80

Fluoranthene

Concen: 22.718 ng/ul

RT: 19.204 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP019303.D

Acq: 08 Jan 2024 19:35

Instrument :

BNA_P

ClientSampleId :

SSTD020646

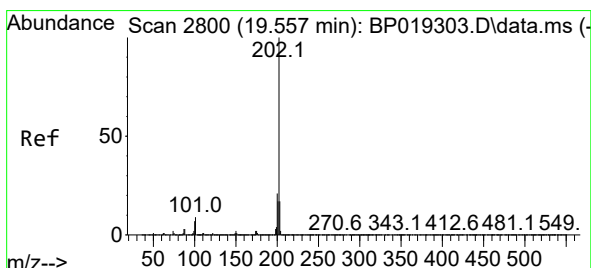
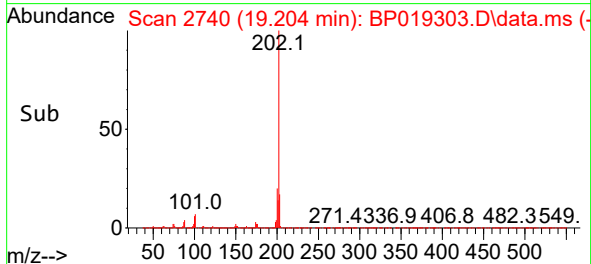
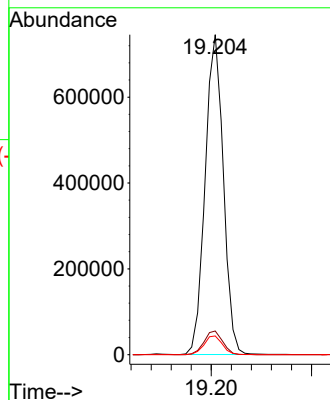
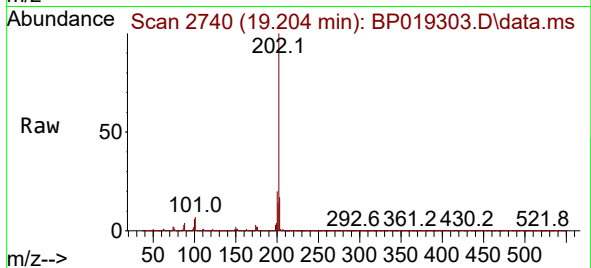
Tgt Ion:202 Resp: 942582

Ion Ratio Lower Upper

202 100

101 7.4 5.9 8.9

100 5.8 4.6 7.0



#82

Pyrene

Concen: 21.734 ng/ul

RT: 19.557 min Scan# 2800

Delta R.T. 0.000 min

Lab File: BP019303.D

Acq: 08 Jan 2024 19:35

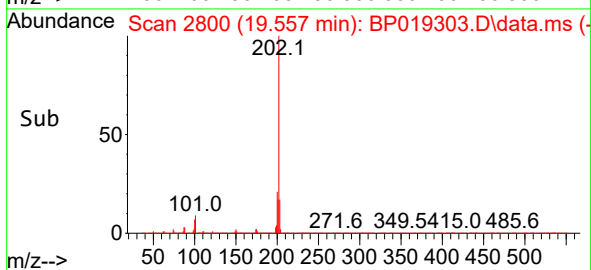
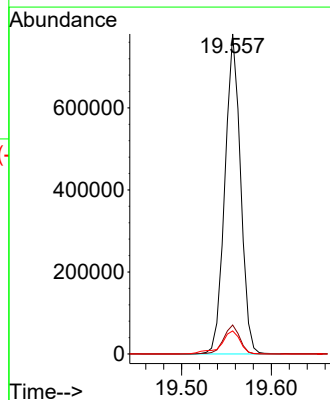
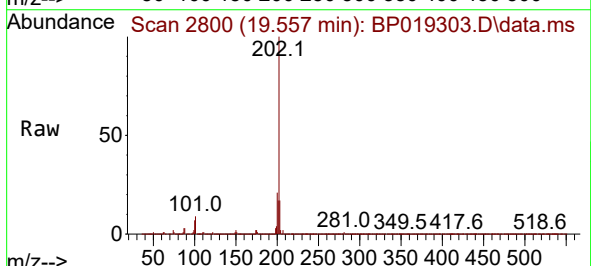
Tgt Ion:202 Resp: 944804

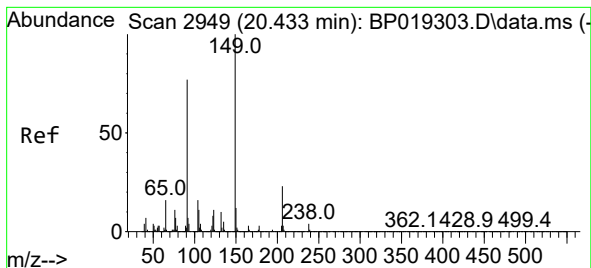
Ion Ratio Lower Upper

202 100

101 9.0 7.2 10.8

100 7.2 5.8 8.6





#83

Butylbenzylphthalate

Concen: 20.291 ng/ul

RT: 20.433 min Scan# 2949

Delta R.T. 0.000 min

Lab File: BP019303.D

Acq: 08 Jan 2024 19:35

Instrument :

BNA_P

ClientSampleId :

SSTD020646

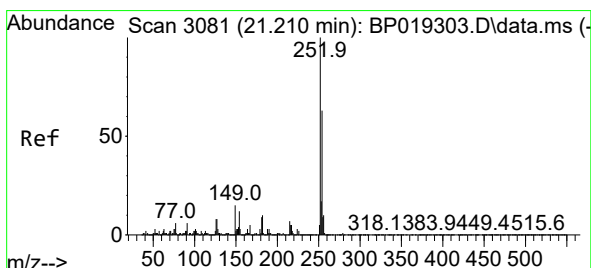
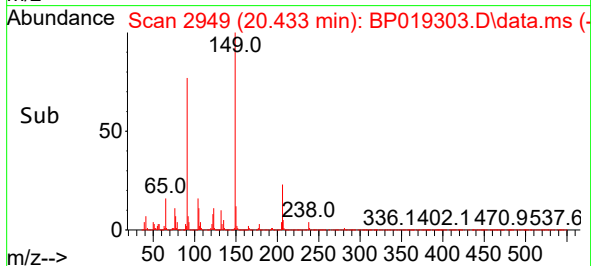
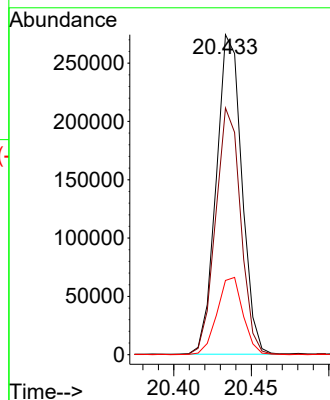
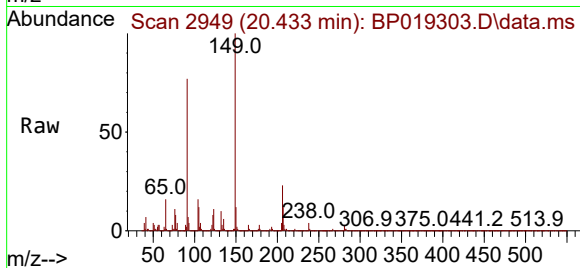
Tgt Ion:149 Resp: 315075

Ion Ratio Lower Upper

149 100

91 77.1 61.7 92.5

206 23.2 18.6 27.8



#84

3,3'-Dichlorobenzidine

Concen: 20.002 ng/ul

RT: 21.210 min Scan# 3081

Delta R.T. 0.000 min

Lab File: BP019303.D

Acq: 08 Jan 2024 19:35

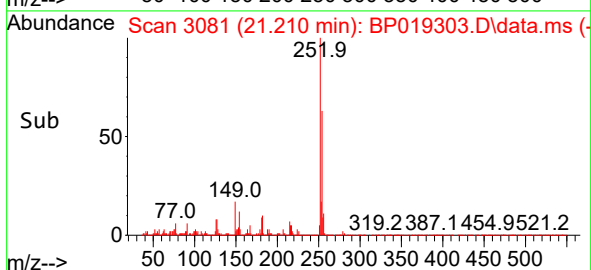
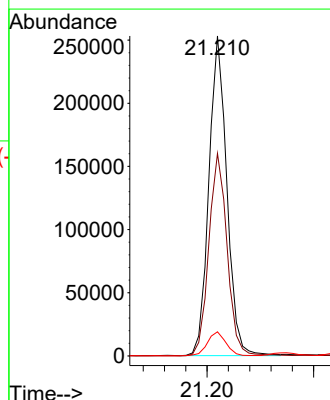
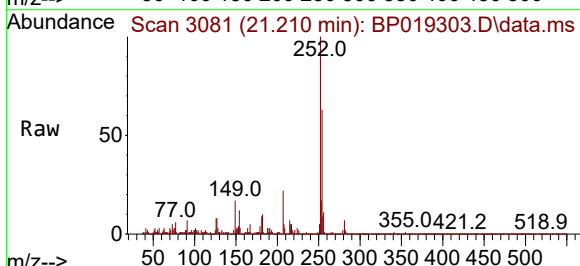
Tgt Ion:252 Resp: 296868

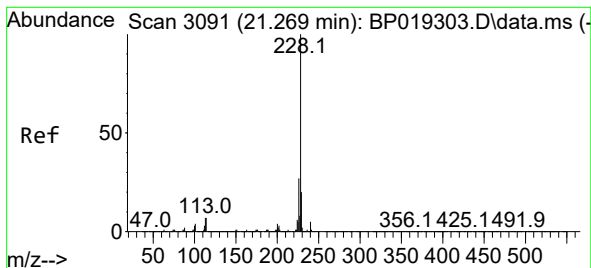
Ion Ratio Lower Upper

252 100

254 63.3 50.6 76.0

126 7.5 6.0 9.0





#85

Benzo(a)anthracene

Concen: 20.560 ng/ul

RT: 21.269 min Scan# 3091

Delta R.T. 0.000 min

Lab File: BP019303.D

Acq: 08 Jan 2024 19:35

Instrument :

BNA_P

ClientSampleId :

SSTD020646

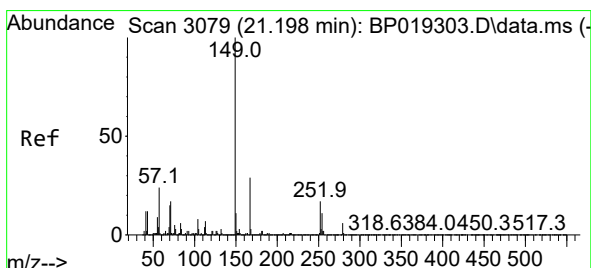
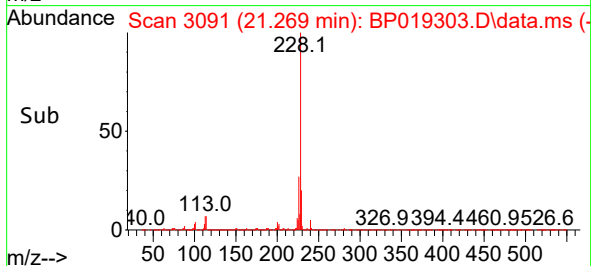
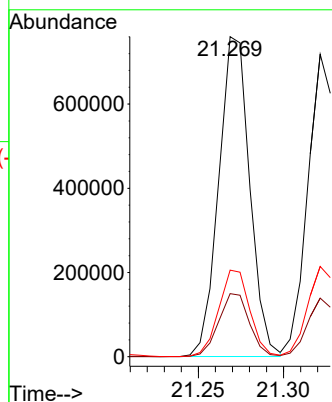
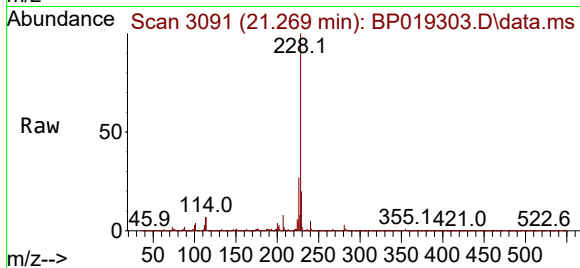
Tgt Ion:228 Resp: 963767

Ion Ratio Lower Upper

228 100

229 19.7 15.8 23.6

226 27.0 21.6 32.4



#86

Bis(2-ethylhexyl)phthalate

Concen: 19.857 ng/ul

RT: 21.198 min Scan# 3079

Delta R.T. 0.000 min

Lab File: BP019303.D

Acq: 08 Jan 2024 19:35

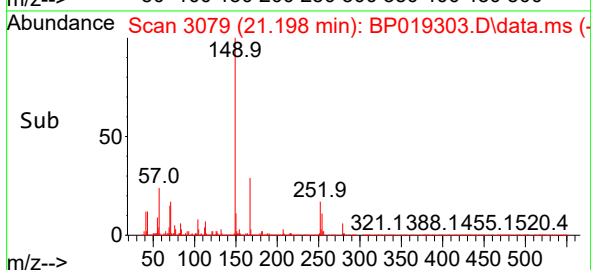
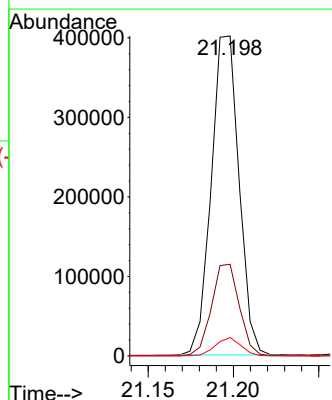
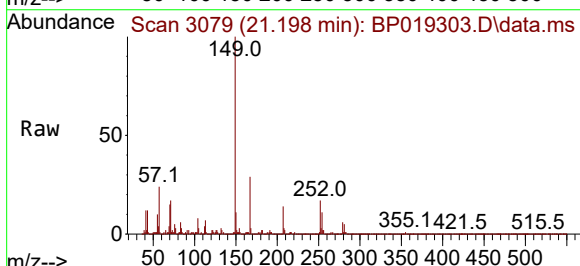
Tgt Ion:149 Resp: 454042

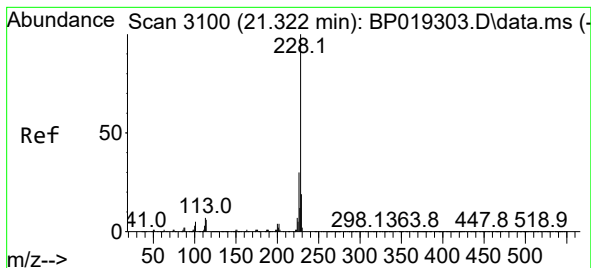
Ion Ratio Lower Upper

149 100

167 28.6 22.9 34.3

279 5.8 4.6 7.0





#87

Chrysene

Concen: 20.049 ng/ul

RT: 21.322 min Scan# 3100

Delta R.T. 0.000 min

Lab File: BP019303.D

Acq: 08 Jan 2024 19:35

Instrument :

BNA_P

ClientSampleId :

SSTD020646

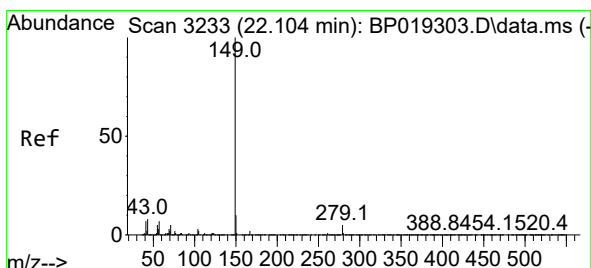
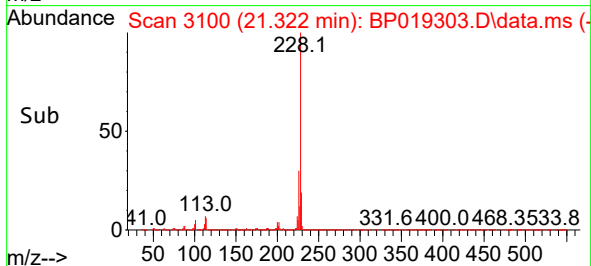
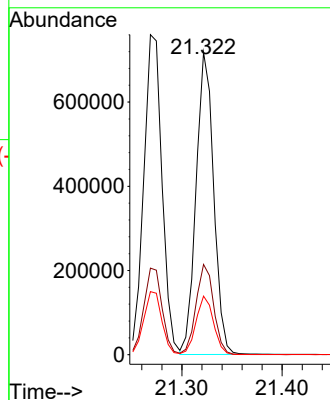
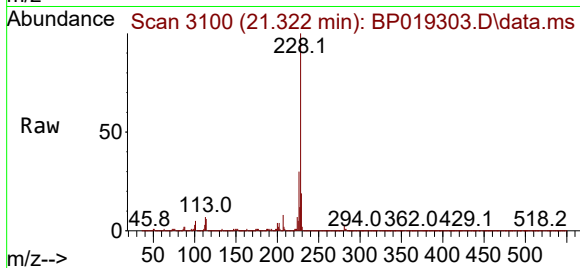
Tgt Ion:228 Resp: 876348

Ion Ratio Lower Upper

228 100

226 29.9 23.9 35.9

229 19.4 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 19.379 ng/ul

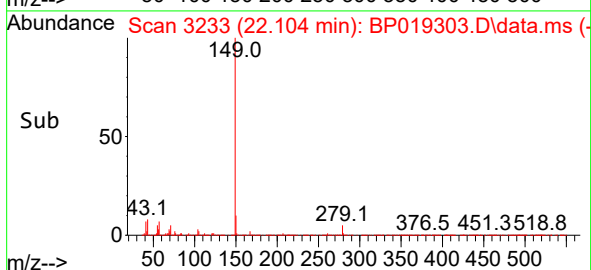
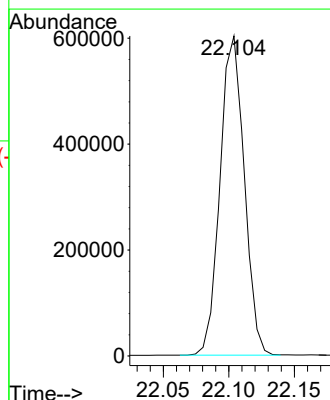
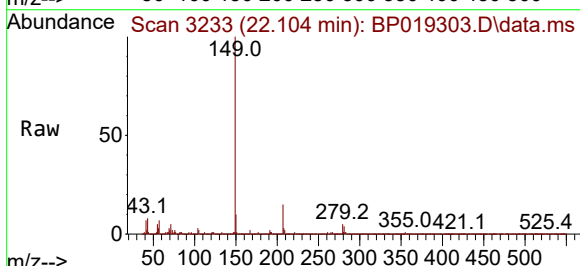
RT: 22.104 min Scan# 3233

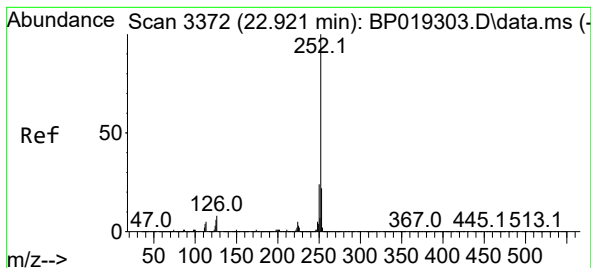
Delta R.T. 0.000 min

Lab File: BP019303.D

Acq: 08 Jan 2024 19:35

Tgt Ion:149 Resp: 773787





#90

Benzo(b)fluoranthene

Concen: 19.831 ng/ul

RT: 22.921 min Scan# 3372

Delta R.T. 0.000 min

Lab File: BP019303.D

Acq: 08 Jan 2024 19:35

Instrument :

BNA_P

ClientSampleId :

SSTD020646

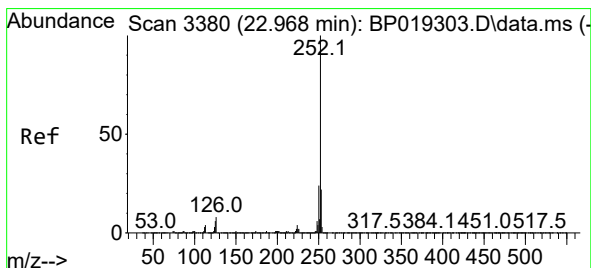
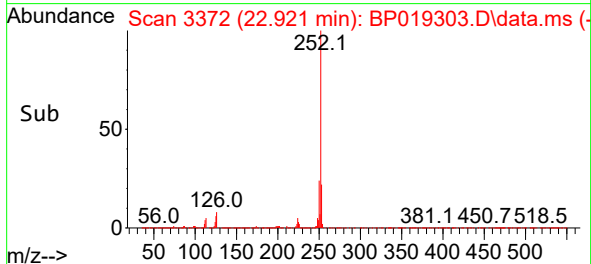
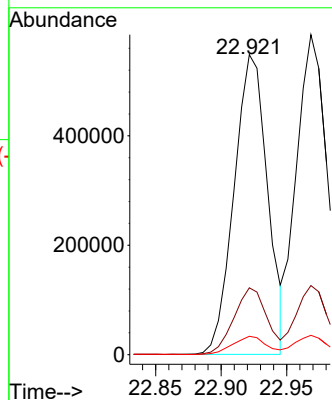
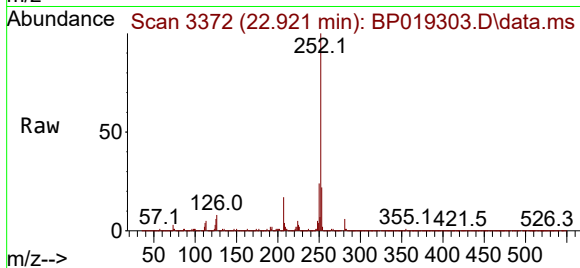
Tgt Ion:252 Resp: 972621

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

125 6.1 4.9 7.3



#91

Benzo(k)fluoranthene

Concen: 19.995 ng/ul

RT: 22.968 min Scan# 3380

Delta R.T. 0.000 min

Lab File: BP019303.D

Acq: 08 Jan 2024 19:35

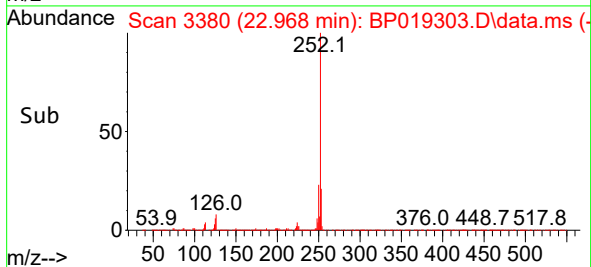
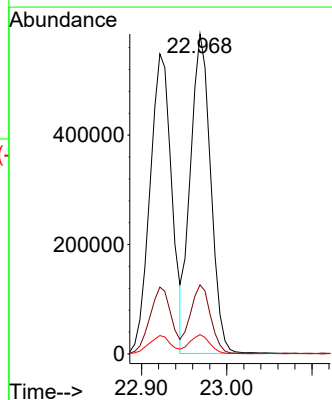
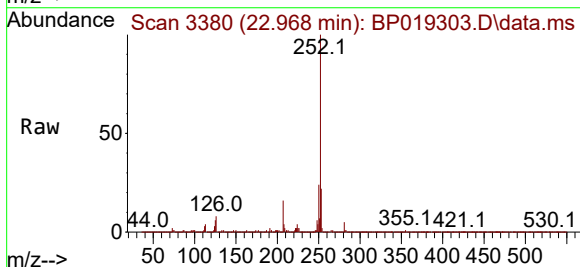
Tgt Ion:252 Resp: 963633

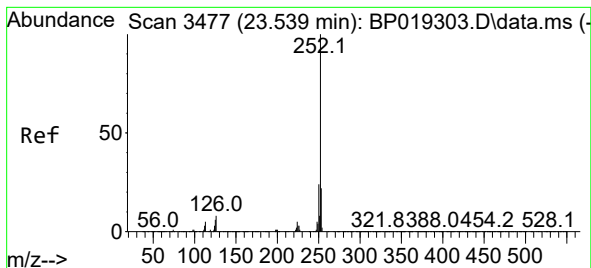
Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

125 6.0 4.8 7.2





#93

Benzo(a)pyrene

Concen: 19.889 ng/ul

RT: 23.539 min Scan# 3477

Delta R.T. 0.000 min

Lab File: BP019303.D

Acq: 08 Jan 2024 19:35

Instrument :

BNA_P

ClientSampleId :

SSTD020646

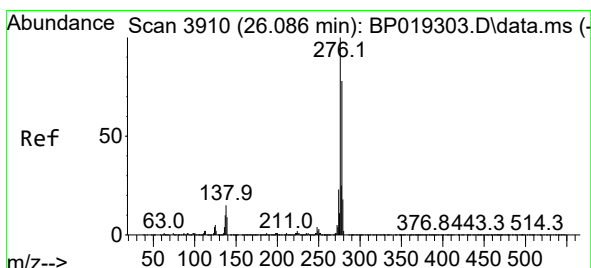
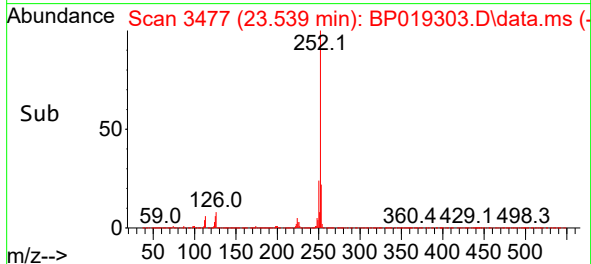
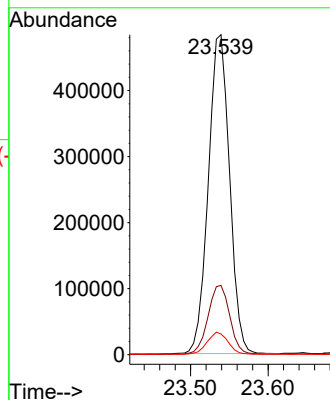
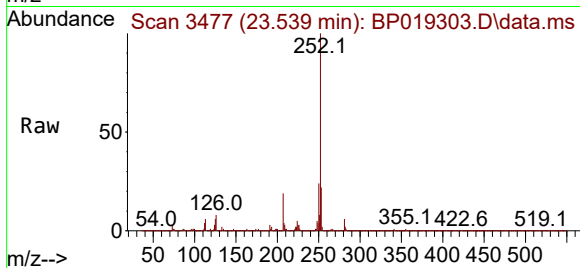
Tgt Ion:252 Resp: 918129

Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

125 6.5 5.2 7.8



#94

Indeno(1,2,3-cd)pyrene

Concen: 20.456 ng/ul

RT: 26.086 min Scan# 3910

Delta R.T. 0.000 min

Lab File: BP019303.D

Acq: 08 Jan 2024 19:35

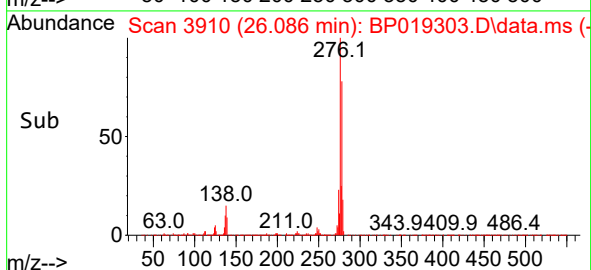
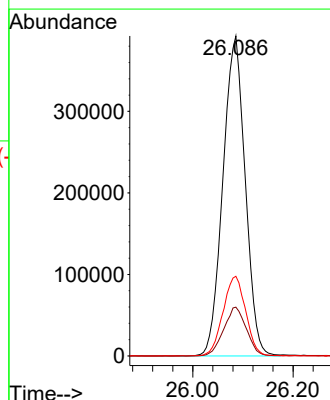
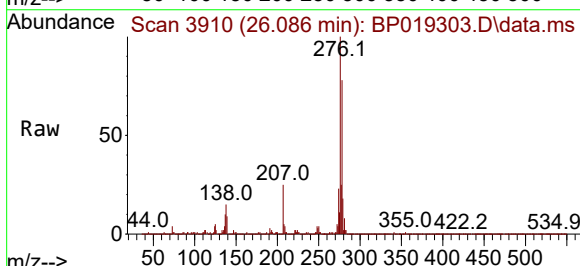
Tgt Ion:276 Resp: 1210535

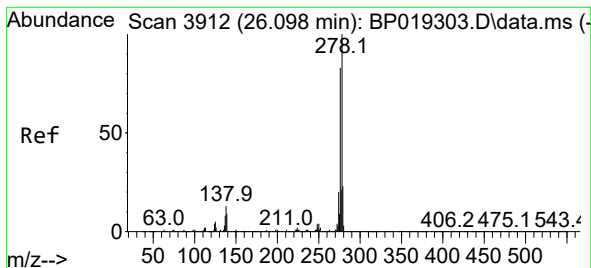
Ion Ratio Lower Upper

276 100

138 15.3 12.2 18.4

277 24.9 19.9 29.9





#95

Dibenzo(a,h)anthracene

Concen: 20.293 ng/ul

RT: 26.098 min Scan# 3912

Delta R.T. 0.000 min

Lab File: BP019303.D

Acq: 08 Jan 2024 19:35

Instrument :

BNA_P

ClientSampleId :

SSTD020646

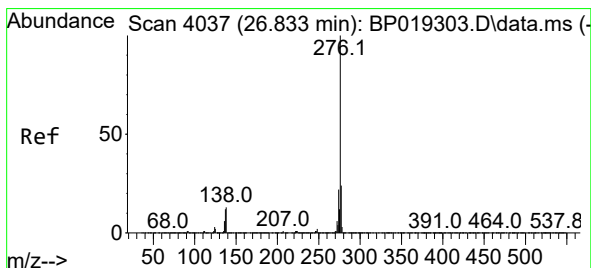
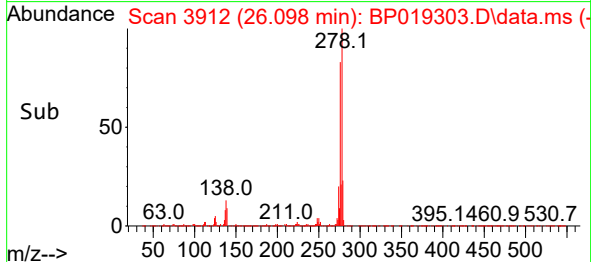
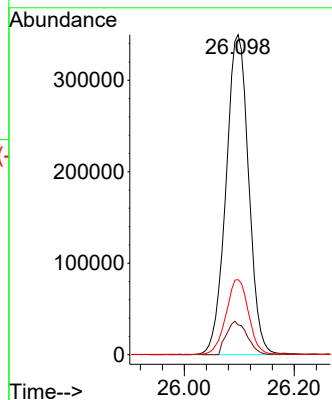
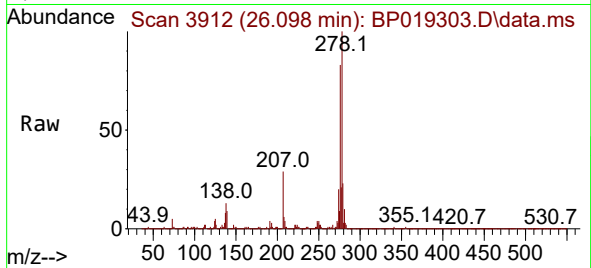
Tgt Ion:278 Resp: 998990

Ion Ratio Lower Upper

278 100

139 9.3 7.4 11.2

279 23.4 18.7 28.1



#96

Benzo(g,h,i)perylene

Concen: 20.717 ng/ul

RT: 26.833 min Scan# 4037

Delta R.T. 0.000 min

Lab File: BP019303.D

Acq: 08 Jan 2024 19:35

Tgt Ion:276 Resp: 982478

Ion Ratio Lower Upper

276 100

138 13.4 10.7 16.1

277 24.0 19.2 28.8

