

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011524\
 Data File : BP019382.D
 Acq On : 15 Jan 2024 21:46
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jan 15 23:53:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 09 03:05:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	135053	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.569	136	561473	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.416	164	396420	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.175	188	997953	20.000	ng/ul	-0.01
79) Chrysene-d12	21.280	240	1034779	20.000	ng/ul	0.00
88) Perylene-d12	23.633	264	1060919	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	24563	6.877	ng/uL	0.00
4) Pyridine-d5	3.634	84	175893	17.031	ng/ul	0.00
7) Phenol-d5	6.963	99	226859	17.575	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.116	67	137760	17.843	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.310	132	164737	18.579	ng/ul	0.00
15) 4-Methylphenol-d8	8.505	113	186945	18.255	ng/ul	-0.01
21) Nitrobenzene-d5	8.940	128	88093	18.649	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.657	143	102455	18.667	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.204	165	208365	18.791	ng/ul	0.00
31) 4-Chloroaniline-d4	10.722	131	249253	17.796	ng/ul	0.00
46) Dimethylphthalate-d6	13.840	166	628737	17.952	ng/ul	0.00
49) Acenaphthylene-d8	14.110	160	670840	17.869	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.663	143	92915	17.277	ng/ul	0.00
60) Fluorene-d10	15.416	176	544279	18.982	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.557	200	123578	16.773	ng/ul	0.00
73) Anthracene-d10	17.275	188	900421	18.091	ng/ul	-0.01
81) Pyrene-d10	19.522	212	1118794	16.581	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.480	264	1036064	17.960	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.252	88	25354	6.853	ng/uL	97
5) Pyridine	3.652	79	181280	17.279	ng/ul	91
6) Benzaldehyde	6.922	77	131691	23.402	ng/ul	100
8) Phenol	6.993	94	228605	17.579	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.210	93	186561	17.885	ng/ul	98
12) 2-Chlorophenol	7.340	128	167826	18.312	ng/ul	98
13) 2-Methylphenol	8.234	108	175276	17.970	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.299	45	223644	18.019	ng/ul	100
16) Acetophenone	8.604	105	303388	18.599	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.593	70	164323	19.334	ng/ul	99
18) 4-Methylphenol	8.569	108	190119	18.309	ng/ul	96
19) Hexachloroethane	8.840	117	75766	18.303	ng/ul	95
22) Nitrobenzene	8.981	77	246436	18.649	ng/ul	98
23) Isophorone	9.510	82	466955	18.228	ng/ul	99
25) 2-Nitrophenol	9.693	139	107747	18.689	ng/ul	94
26) 2,4-Dimethylphenol	9.763	107	225415	18.134	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.993	93	261898	17.775	ng/ul	100
29) 2,4-Dichlorophenol	10.228	162	199178	18.639	ng/ul	99
30) Naphthalene	10.616	128	572287	18.089	ng/ul	100
32) 4-Chloroaniline	10.746	127	245881	17.944	ng/ul	100
33) Hexachlorobutadiene	10.893	225	169752	18.412	ng/ul	98
34) Caprolactam	11.540	113	60869	18.163	ng/ul	94
35) 4-Chloro-3-methylphenol	11.887	107	223623	18.849	ng/ul	95
36) 2-Methylnaphthalene	12.234	142	424433	18.438	ng/ul	99

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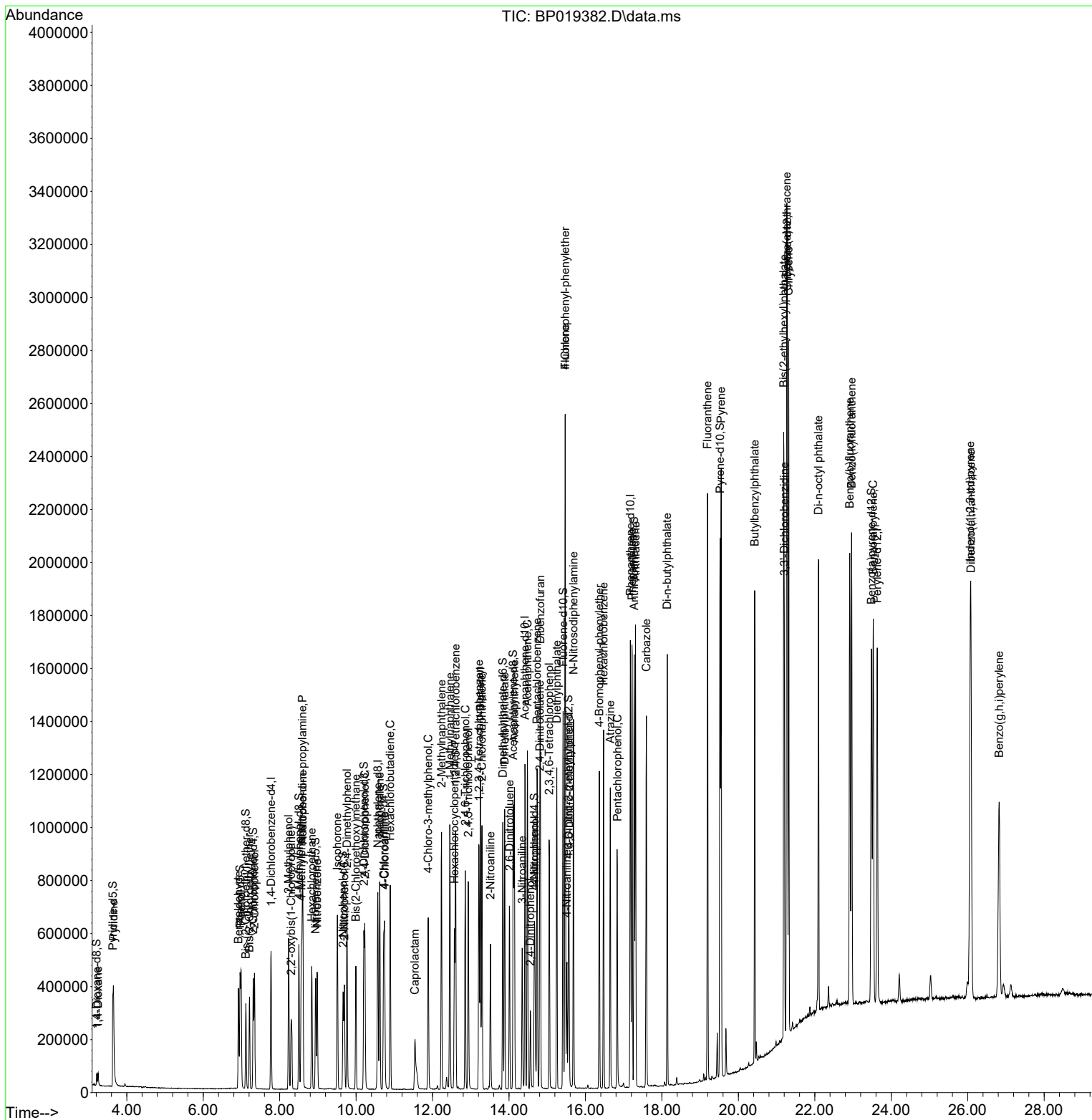
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 BNA_P
 ClientSampleId :

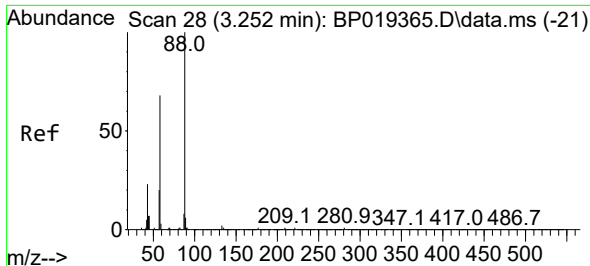
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 09 03:05:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.451	142	418892	18.598	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.604	216	319054	18.573	ng/ul	100
40) Hexachlorocyclopentadiene	12.575	237	180510	16.372	ng/ul	99
41) 2,4,6-Trichlorophenol	12.857	196	199445	18.866	ng/ul	99
42) 2,4,5-Trichlorophenol	12.934	196	216624	19.121	ng/ul	99
43) 1,1'-Biphenyl	13.251	154	570060	17.407	ng/ul	98
44) 2-Chloronaphthalene	13.292	162	464232	17.529	ng/ul	100
45) 2-Nitroaniline	13.516	65	147106	19.365	ng/ul	97
47) Dimethylphthalate	13.887	163	629179	18.076	ng/ul	100
48) 2,6-Dinitrotoluene	14.016	165	131612	19.122	ng/ul	96
50) Acenaphthylene	14.140	152	738449	17.958	ng/ul	99
51) 3-Nitroaniline	14.345	138	112732	18.777	ng/ul	99
52) Acenaphthene	14.481	153	490807	18.217	ng/ul	99
53) 2,4-Dinitrophenol	14.557	184	69556	15.412	ng/ul	93
55) 4-Nitrophenol	14.675	109	105313	18.133	ng/ul	97
56) Dibenzofuran	14.816	168	722939	18.742	ng/ul	98
57) 2,4-Dinitrotoluene	14.804	165	191059	19.784	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.051	232	202319	20.116	ng/ul	99
59) Diethylphthalate	15.251	149	612950	18.818	ng/ul	100
61) Fluorene	15.469	166	601177	19.028	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.469	204	357525	18.962	ng/ul	98
63) 4-Nitroaniline	15.516	138	101434	21.793	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.569	198	129081	16.530	ng/ul	100
67) N-Nitrosodiphenylamine	15.686	169	505770	17.192	ng/ul	99
68) 4-Bromophenyl-phenylether	16.363	248	239449	17.566	ng/ul	95
69) Hexachlorobenzene	16.475	284	283407	18.040	ng/ul	97
70) Atrazine	16.651	200	225808	17.609	ng/ul	99
71) Pentachlorophenol	16.833	266	168193	17.238	ng/ul	99
72) Phenanthrene	17.216	178	1000857	17.854	ng/ul	99
74) Anthracene	17.310	178	1018981	17.931	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.216	216	299220	16.194	ng/uL	99
76) Pentachlorobenzene	14.734	250	310125	17.278	ng/uL	98
77) Carbazole	17.592	167	864724	17.886	ng/ul	99
78) Di-n-butylphthalate	18.139	149	1040221	17.979	ng/ul	99
80) Fluoranthene	19.192	202	1305674	16.371	ng/ul	100
82) Pyrene	19.551	202	1334333	16.483	ng/ul	97
83) Butylbenzylphthalate	20.427	149	479831	17.277	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.204	252	435416	18.532	ng/ul	99
85) Benzo(a)anthracene	21.263	228	1412128	17.530	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.186	149	688853	17.279	ng/ul	99
87) Chrysene	21.316	228	1267783	17.217	ng/ul	99
89) Di-n-octyl phthalate	22.098	149	1147146	15.842	ng/ul	100
90) Benzo(b)fluoranthene	22.916	252	1327763	17.513	ng/ul	99
91) Benzo(k)fluoranthene	22.963	252	1292341	17.571	ng/ul	99
93) Benzo(a)pyrene	23.527	252	1197813	17.582	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.068	276	1344145	16.683	ng/ul	98
95) Dibenzo(a,h)anthracene	26.086	278	1107944	16.611	ng/ul	99
96) Benzo(g,h,i)perylene	26.821	276	1051981	16.258	ng/ul	99

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

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QLast Update : Tue Jan 09 03:05:24 2024
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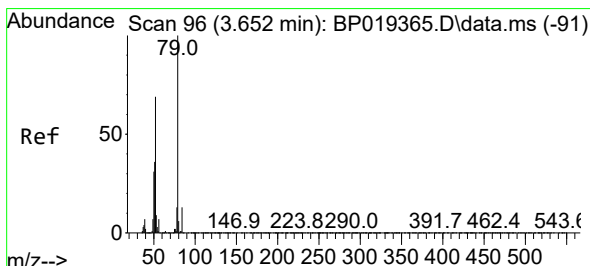
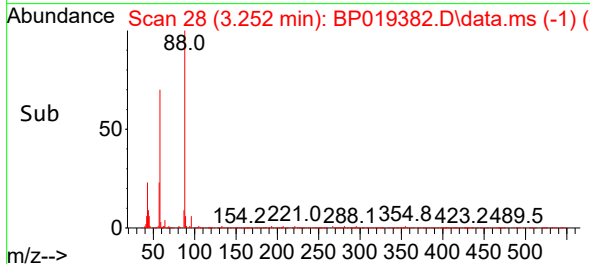
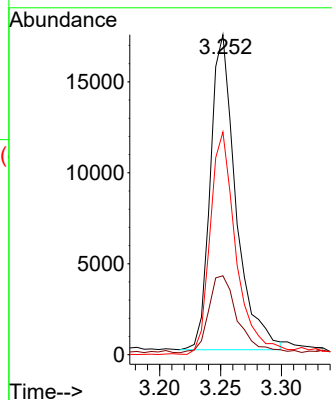
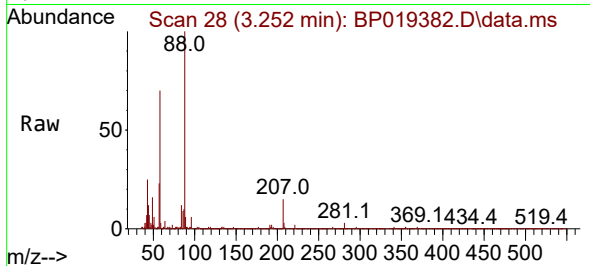




#2
 1,4-Dioxane
 Concen: 6.853 ng/uL
 RT: 3.252 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP019382.D
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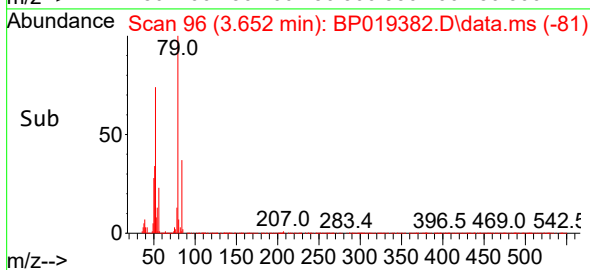
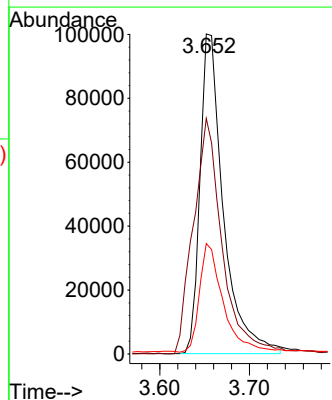
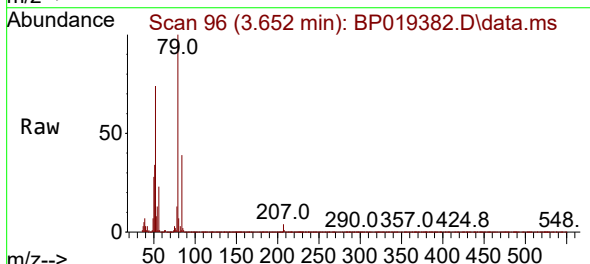
Instrument :
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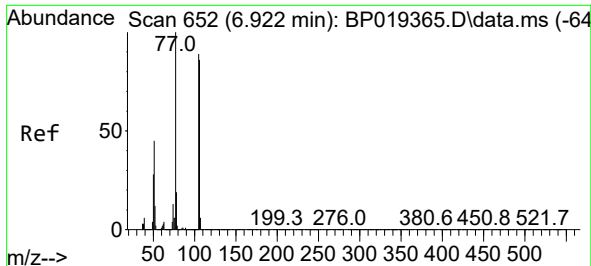
Tgt Ion: 88	Resp: 25354
Ion Ratio	Lower Upper
88	100
43	24.6 22.0 33.0
58	69.6 54.6 82.0



#5
 Pyridine
 Concen: 17.279 ng/uL
 RT: 3.652 min Scan# 96
 Delta R.T. -0.012 min
 Lab File: BP019382.D
 Acq: 15 Jan 2024 21:46

Tgt Ion: 79	Resp: 181280
Ion Ratio	Lower Upper
79	100
52	73.6 50.7 76.1
51	34.5 26.8 40.2

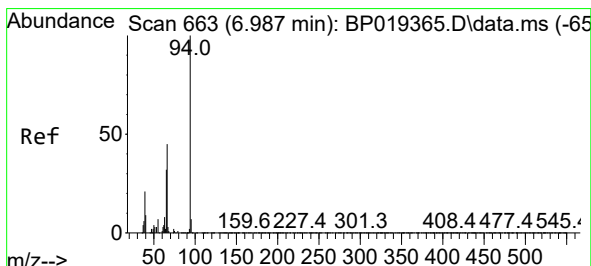
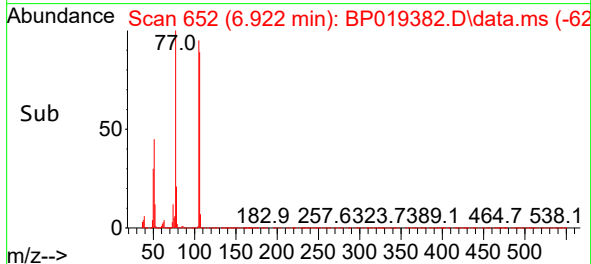
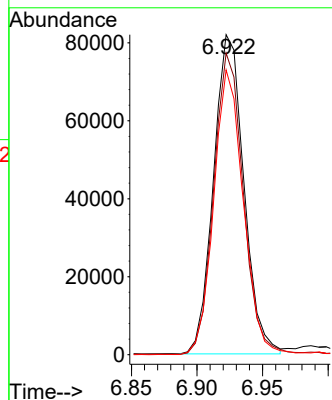
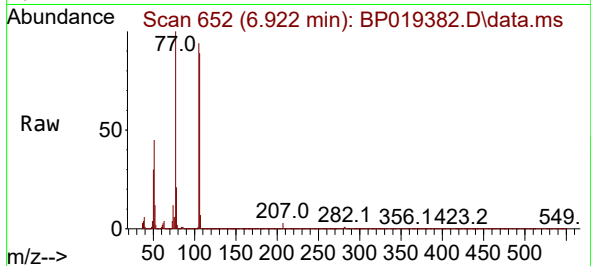




#6
Benzaldehyde
Concen: 23.402 ng/ul
RT: 6.922 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP019382.D
Acq: 15 Jan 2024 21:46

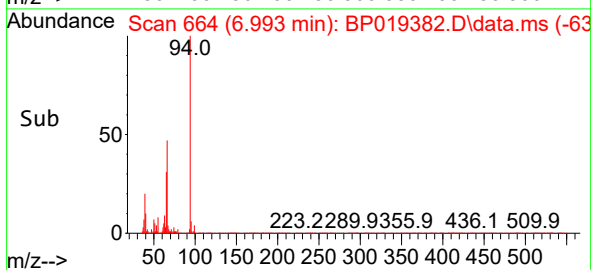
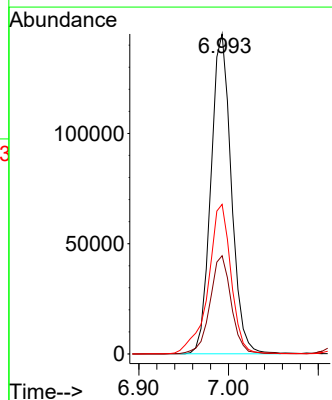
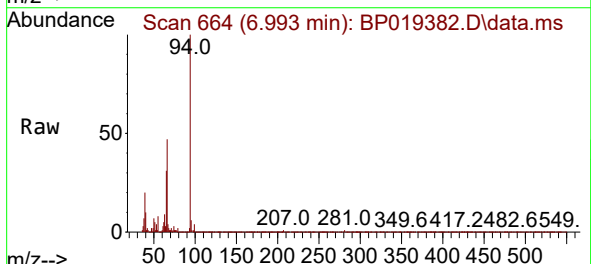
Instrument :
BNA_P
ClientSampleId :

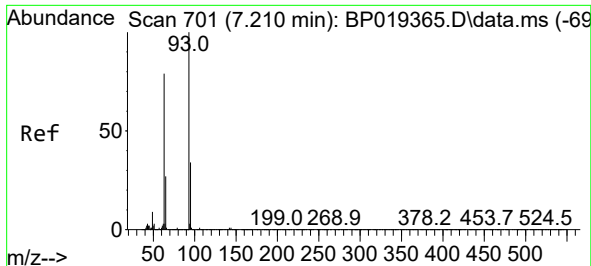
Tgt Ion: 77 Resp: 131691
Ion Ratio Lower Upper
77 100
105 94.3 75.3 112.9
106 89.0 71.5 107.3



#8
Phenol
Concen: 17.579 ng/ul
RT: 6.993 min Scan# 664
Delta R.T. -0.006 min
Lab File: BP019382.D
Acq: 15 Jan 2024 21:46

Tgt Ion: 94 Resp: 228605
Ion Ratio Lower Upper
94 100
65 30.7 25.3 37.9
66 46.7 36.8 55.2

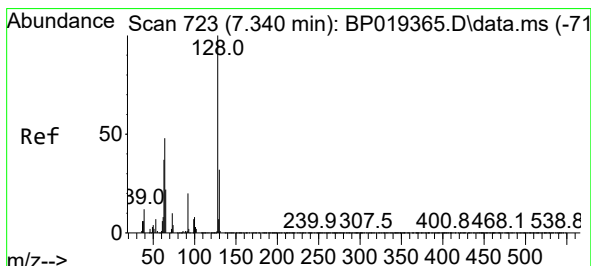
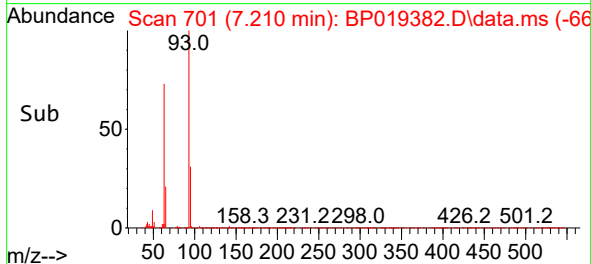
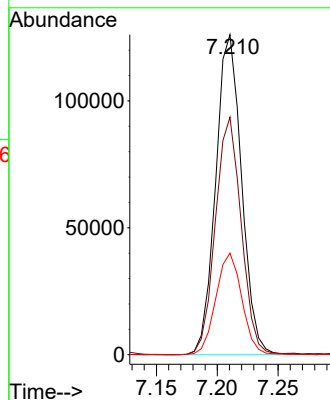
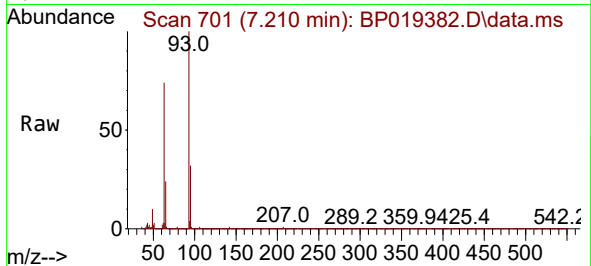




#10
Bis(2-Chloroethyl)ether
Concen: 17.885 ng/ul
RT: 7.210 min Scan# 701
Delta R.T. -0.006 min
Lab File: BP019382.D
Acq: 15 Jan 2024 21:46

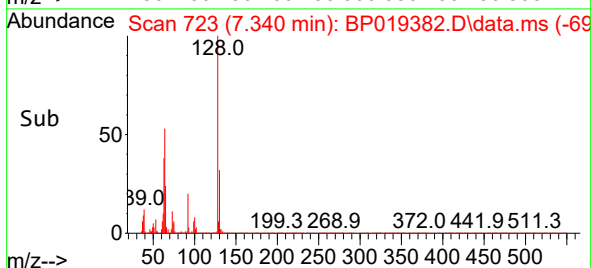
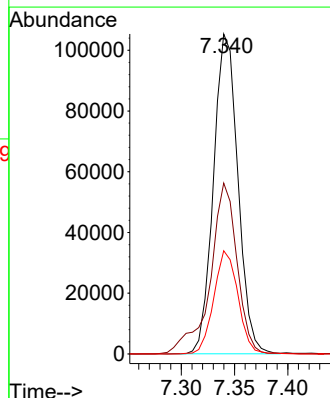
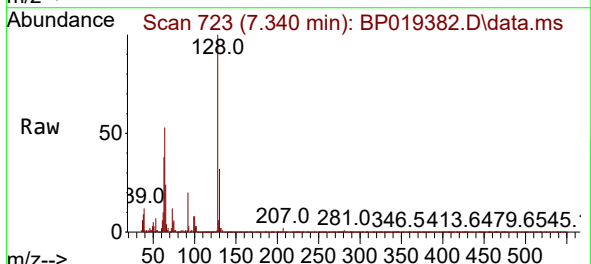
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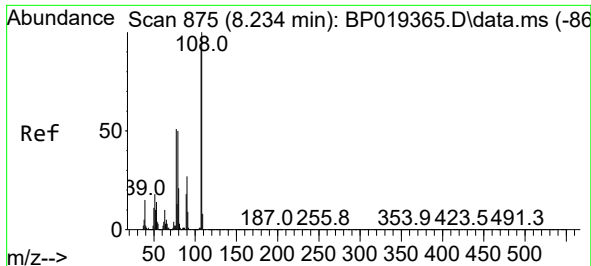
Tgt Ion: 93 Resp: 186561
Ion Ratio Lower Upper
93 100
63 74.2 60.7 91.1
95 31.7 26.2 39.2



#12
2-Chlorophenol
Concen: 18.312 ng/ul
RT: 7.340 min Scan# 723
Delta R.T. -0.012 min
Lab File: BP019382.D
Acq: 15 Jan 2024 21:46

Tgt Ion:128 Resp: 167826
Ion Ratio Lower Upper
128 100
64 53.4 41.3 61.9
130 32.3 25.9 38.9





#13

2-Methylphenol

Concen: 17.970 ng/ul

RT: 8.234 min Scan# 875

Delta R.T. -0.012 min

Lab File: BP019382.D

Acq: 15 Jan 2024 21:46

Instrument :

BNA_P

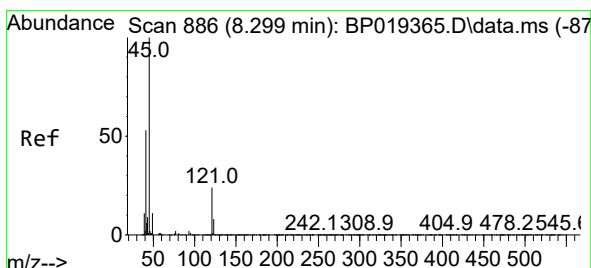
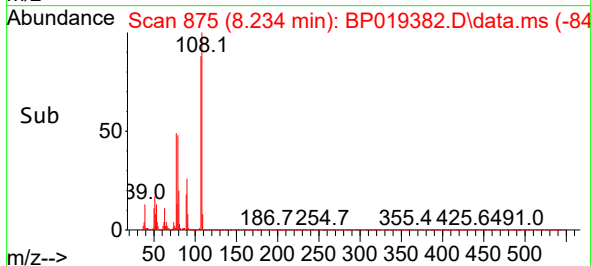
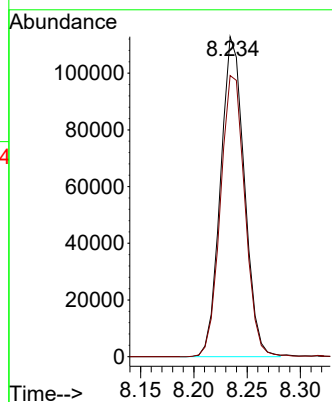
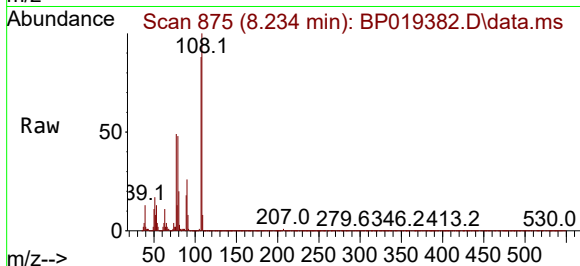
ClientSampleId :

Tgt Ion:108 Resp: 175276

Ion Ratio Lower Upper

108 100

107 87.9 71.9 107.9



#14

2,2'-oxybis(1-Chloropropane)

Concen: 18.019 ng/ul

RT: 8.299 min Scan# 886

Delta R.T. -0.012 min

Lab File: BP019382.D

Acq: 15 Jan 2024 21:46

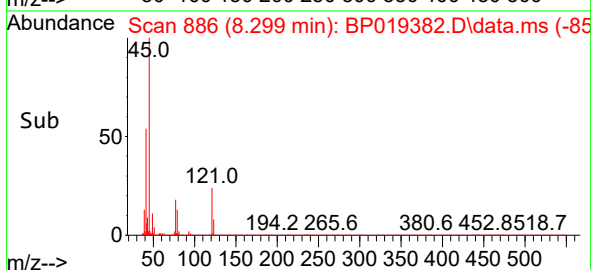
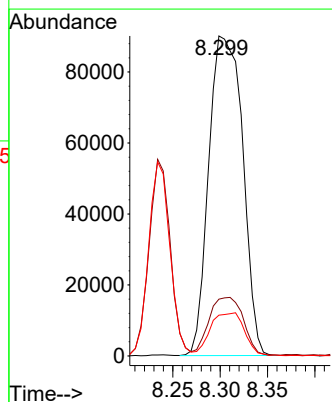
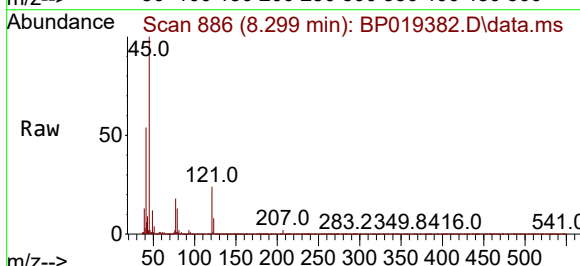
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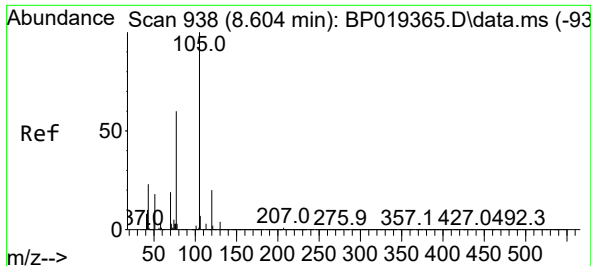
Ion Ratio Lower Upper

45 100

77 17.7 14.2 21.4

79 12.8 10.5 15.7

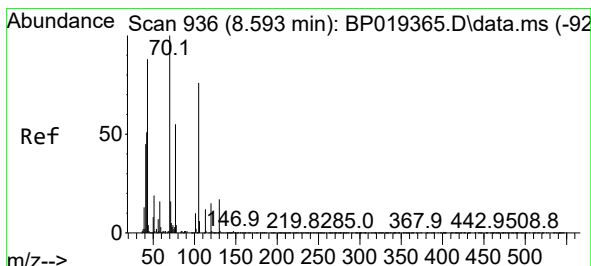
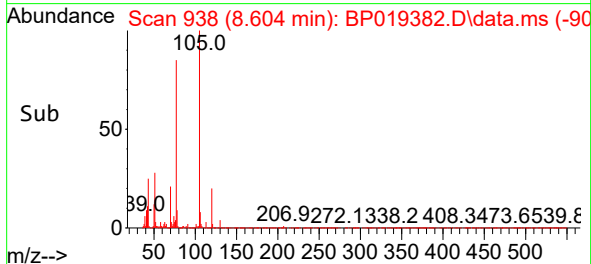
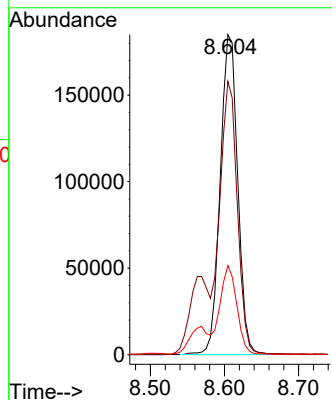
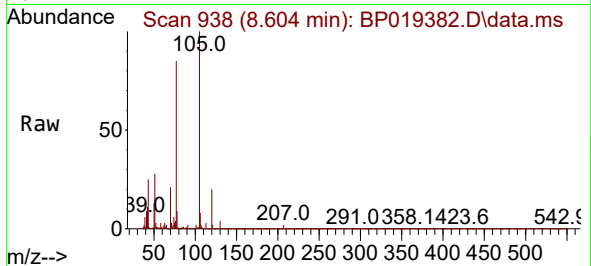




#16
Acetophenone
Concen: 18.599 ng/ul
RT: 8.604 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP019382.D
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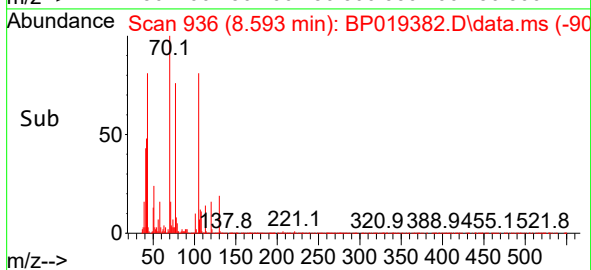
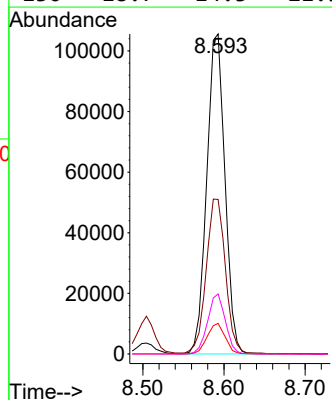
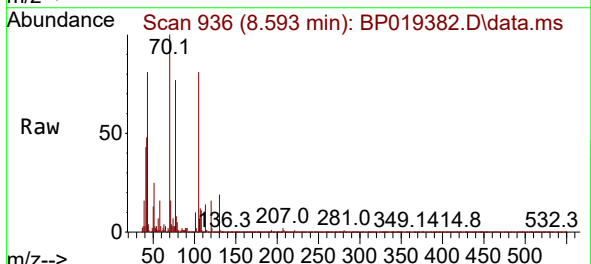
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BNA_P
ClientSampleId :

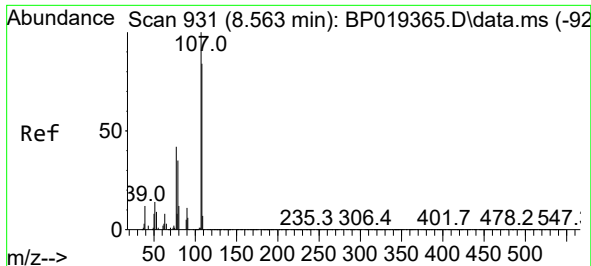
Tgt Ion:105 Resp: 303388
Ion Ratio Lower Upper
105 100
77 85.4 66.1 99.1
51 27.9 20.9 31.3



#17
N-Nitroso-di-n-propylamine
Concen: 19.334 ng/ul
RT: 8.593 min Scan# 936
Delta R.T. -0.006 min
Lab File: BP019382.D
Acq: 15 Jan 2024 21:46

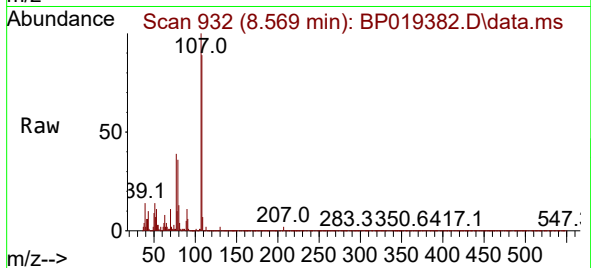
Tgt Ion: 70 Resp: 164323
Ion Ratio Lower Upper
70 100
42 48.3 38.5 57.7
101 9.6 7.9 11.9
130 18.7 14.3 21.5



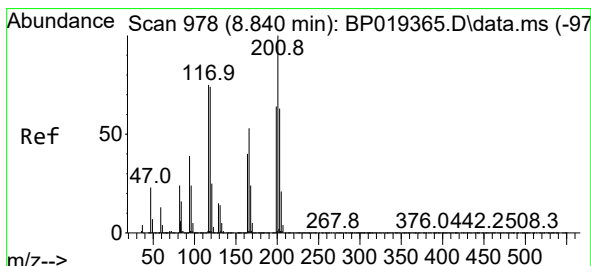
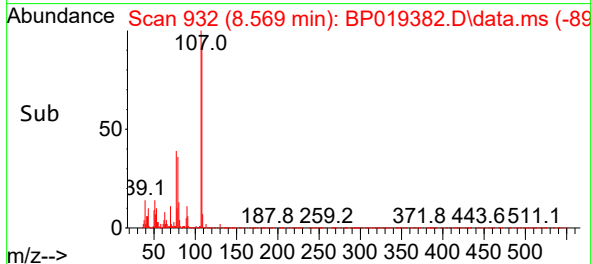
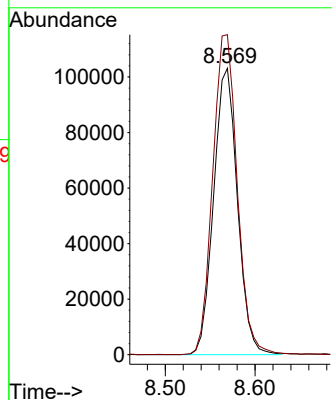


#18
4-Methylphenol
Concen: 18.309 ng/ul
RT: 8.569 min Scan# 911
Delta R.T. -0.006 min
Lab File: BP019382.D
Acq: 15 Jan 2024 21:46

Instrument :
BNA_P
ClientSampleId :

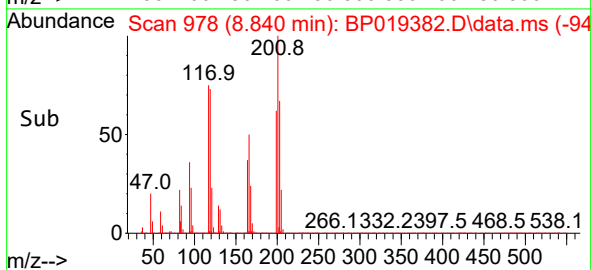
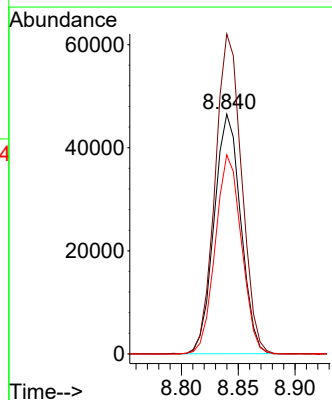
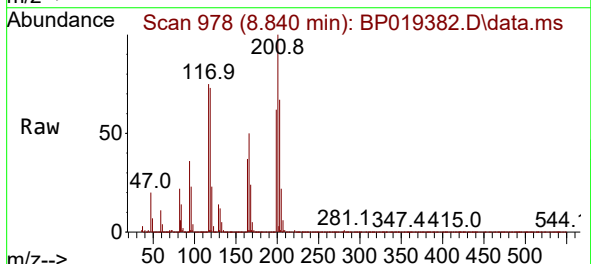


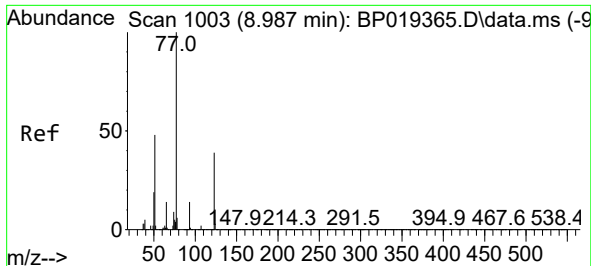
Tgt Ion:108 Resp: 190119
Ion Ratio Lower Upper
108 100
107 111.7 92.6 139.0



#19
Hexachloroethane
Concen: 18.303 ng/ul
RT: 8.840 min Scan# 978
Delta R.T. -0.012 min
Lab File: BP019382.D
Acq: 15 Jan 2024 21:46

Tgt Ion:117 Resp: 75766
Ion Ratio Lower Upper
117 100
201 133.4 101.8 152.6
199 83.0 62.6 93.8

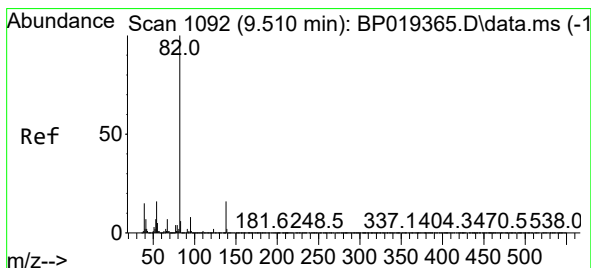
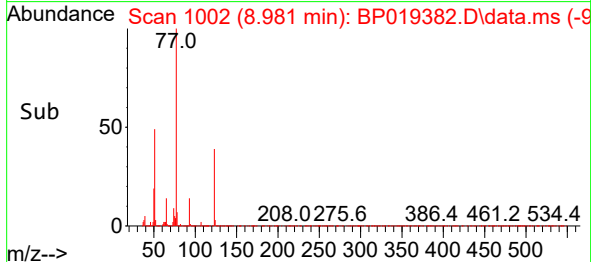
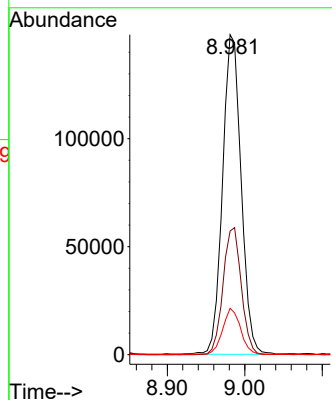
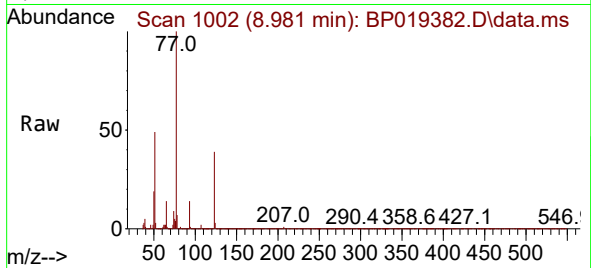




#22
Nitrobenzene
Concen: 18.649 ng/ul
RT: 8.981 min Scan# 1002
Delta R.T. -0.012 min
Lab File: BP019382.D
Acq: 15 Jan 2024 21:46

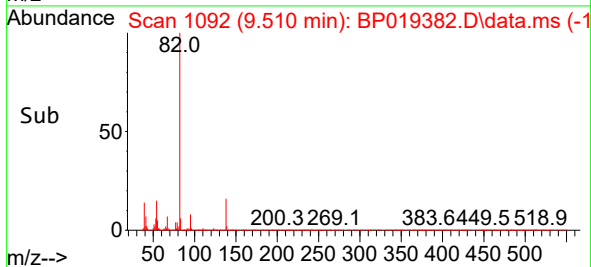
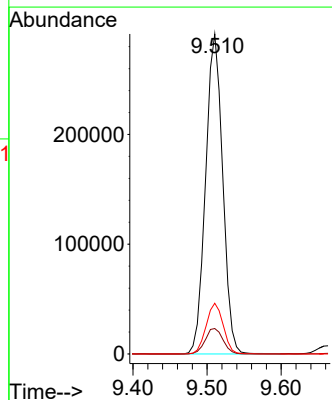
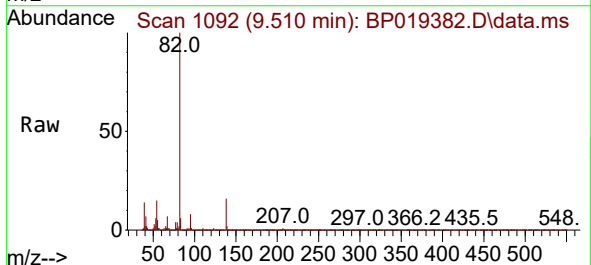
Instrument :
BNA_P
ClientSampleId :

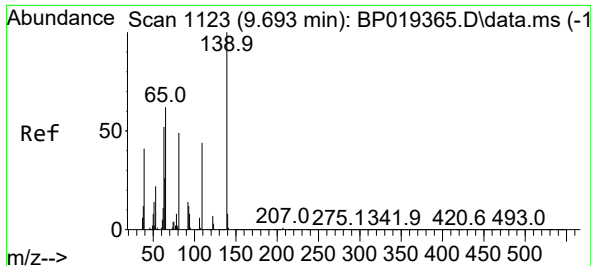
Tgt Ion: 77 Resp: 246436
Ion Ratio Lower Upper
77 100
123 38.6 30.0 45.0
65 14.5 10.5 15.7



#23
Isophorone
Concen: 18.228 ng/ul
RT: 9.510 min Scan# 1092
Delta R.T. -0.012 min
Lab File: BP019382.D
Acq: 15 Jan 2024 21:46

Tgt Ion: 82 Resp: 466955
Ion Ratio Lower Upper
82 100
95 8.0 6.6 10.0
138 15.9 13.0 19.4

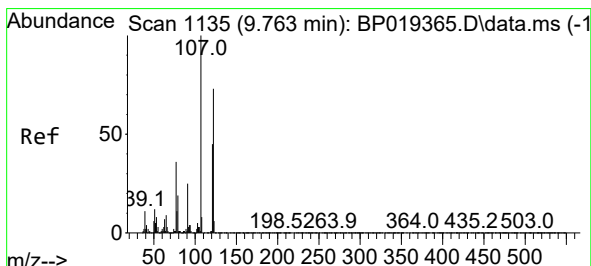
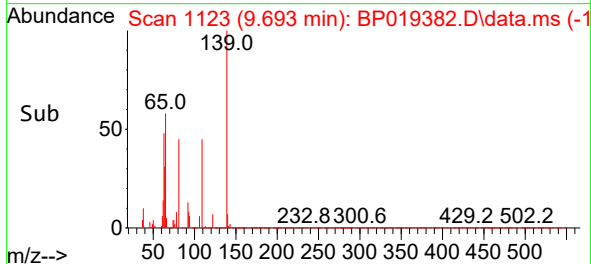
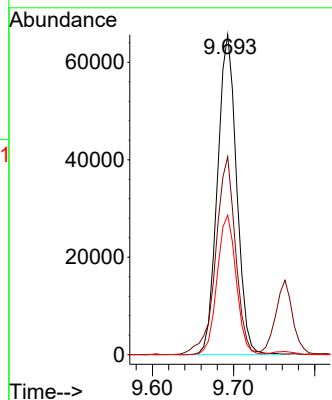
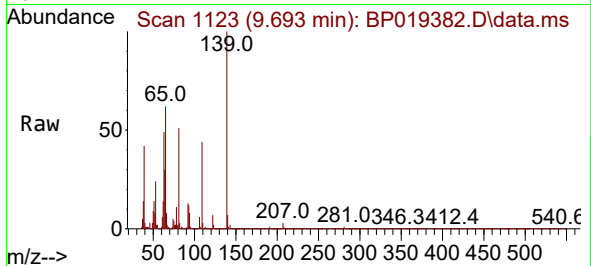




#25
2-Nitrophenol
Concen: 18.689 ng/ul
RT: 9.693 min Scan# 1123
Delta R.T. -0.012 min
Lab File: BP019382.D
Acq: 15 Jan 2024 21:46

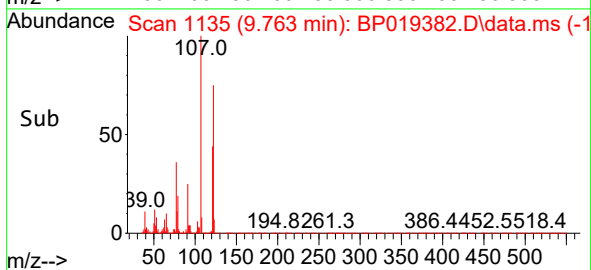
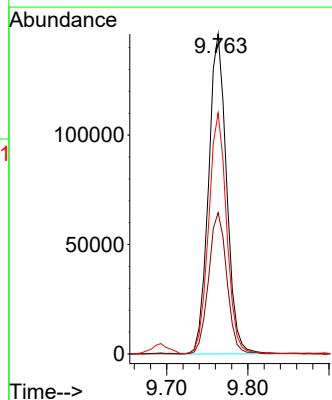
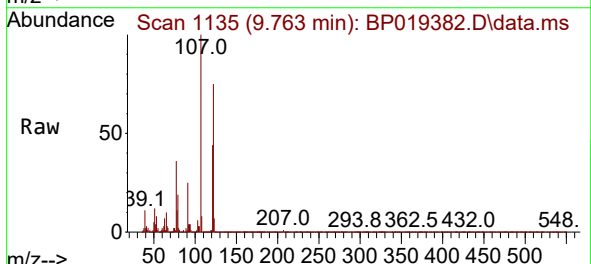
Instrument :
BNA_P
ClientSampleId :

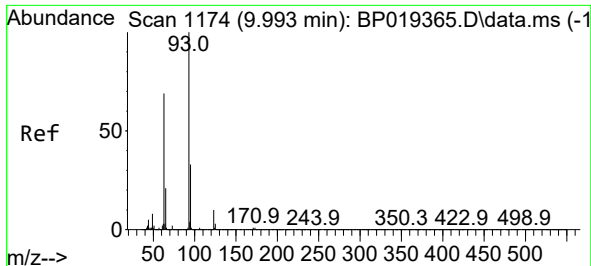
Tgt Ion:139 Resp: 107747
Ion Ratio Lower Upper
139 100
65 61.8 45.6 68.4
109 43.6 32.6 49.0



#26
2,4-Dimethylphenol
Concen: 18.134 ng/ul
RT: 9.763 min Scan# 1135
Delta R.T. -0.012 min
Lab File: BP019382.D
Acq: 15 Jan 2024 21:46

Tgt Ion:107 Resp: 225415
Ion Ratio Lower Upper
107 100
121 44.2 35.3 52.9
122 75.3 60.6 91.0

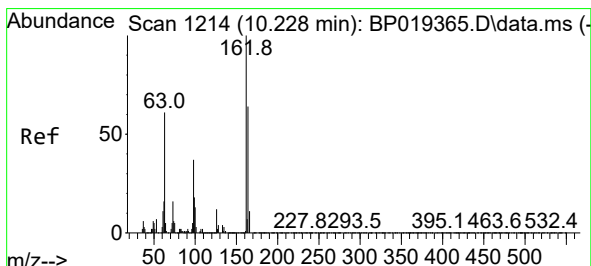
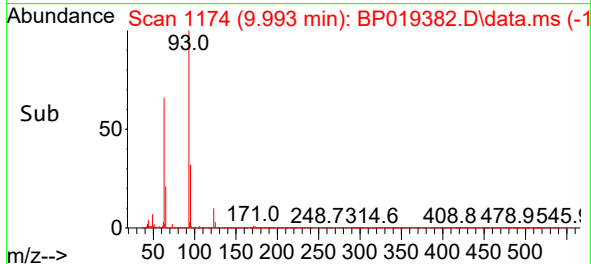
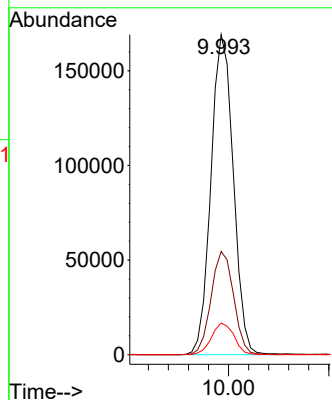
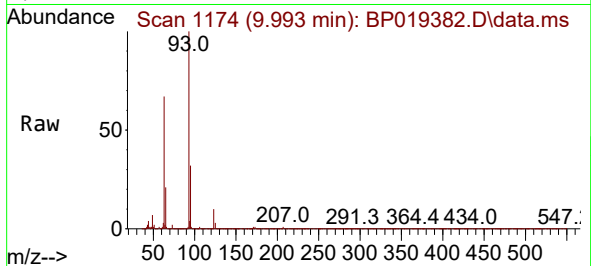




#27
Bis(2-Chloroethoxy)methane
Concen: 17.775 ng/ul
RT: 9.993 min Scan# 1174
Delta R.T. -0.012 min
Lab File: BP019382.D
Acq: 15 Jan 2024 21:46

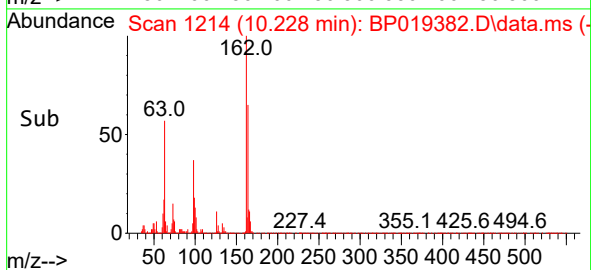
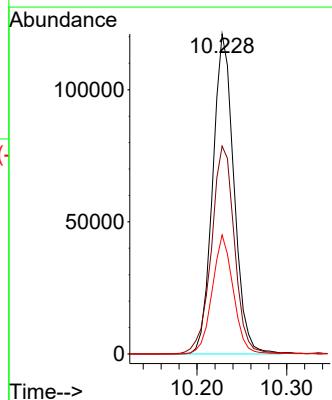
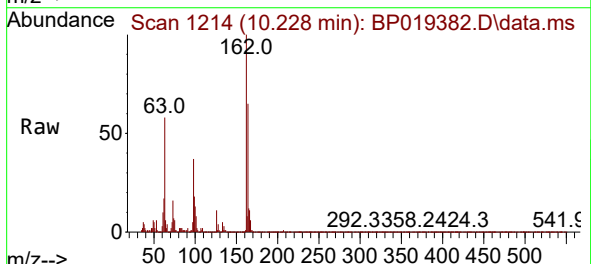
Instrument :
BNA_P
ClientSampleId :

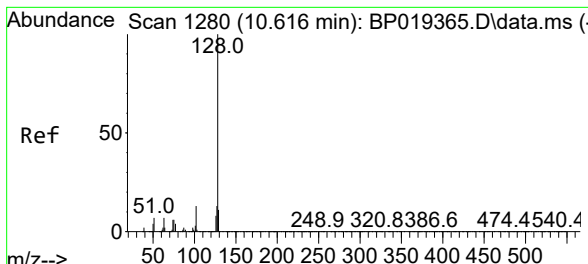
Tgt Ion: 93 Resp: 261898
Ion Ratio Lower Upper
93 100
95 32.2 25.9 38.9
123 9.9 7.9 11.9



#29
2,4-Dichlorophenol
Concen: 18.639 ng/ul
RT: 10.228 min Scan# 1214
Delta R.T. -0.012 min
Lab File: BP019382.D
Acq: 15 Jan 2024 21:46

Tgt Ion: 162 Resp: 199178
Ion Ratio Lower Upper
162 100
164 64.9 52.3 78.5
98 37.2 28.3 42.5



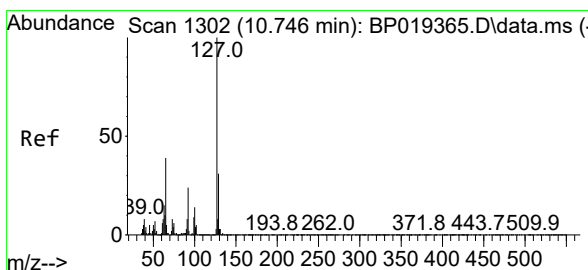
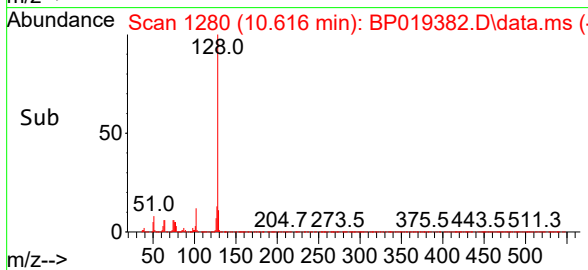
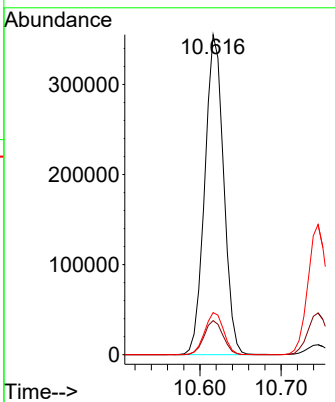
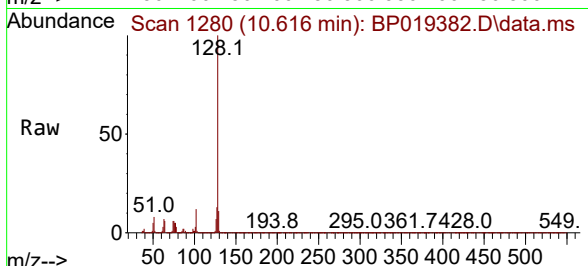


#30
Naphthalene
Concen: 18.089 ng/ul
RT: 10.616 min Scan# 1280
Delta R.T. -0.012 min
Lab File: BP019382.D
Acq: 15 Jan 2024 21:46

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:128 Resp: 572287

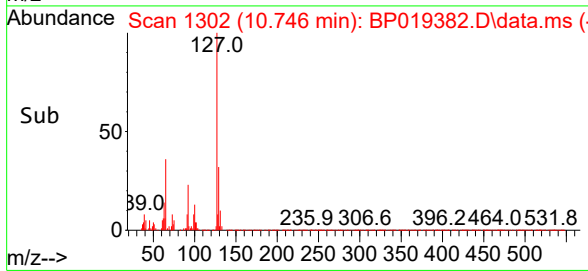
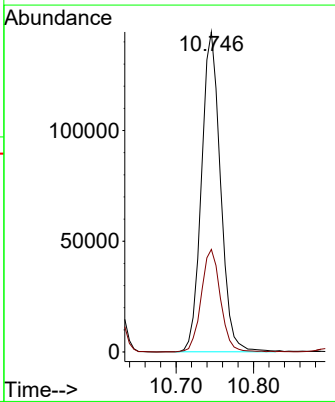
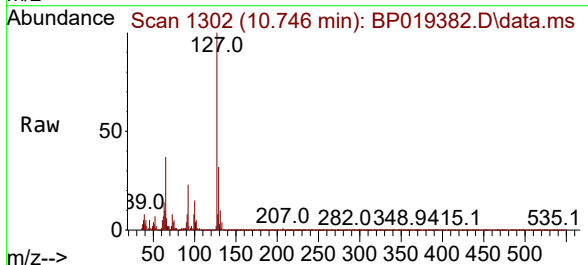
Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.6	12.8
127	13.2	10.6	15.8

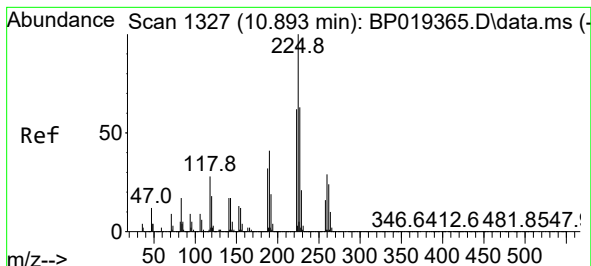


#32
4-Chloroaniline
Concen: 17.944 ng/ul
RT: 10.746 min Scan# 1302
Delta R.T. -0.012 min
Lab File: BP019382.D
Acq: 15 Jan 2024 21:46

Tgt Ion:127 Resp: 245881

Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.8	38.8





#33

Hexachlorobutadiene

Concen: 18.412 ng/ul

RT: 10.893 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP019382.D

Acq: 15 Jan 2024 21:46

Instrument :

BNA_P

ClientSampleId :

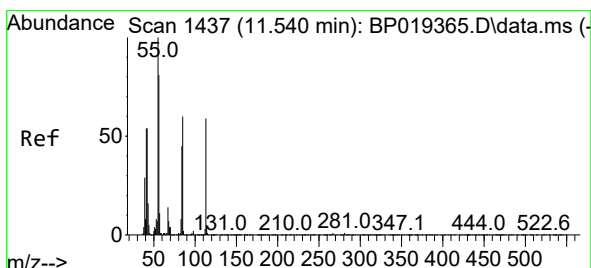
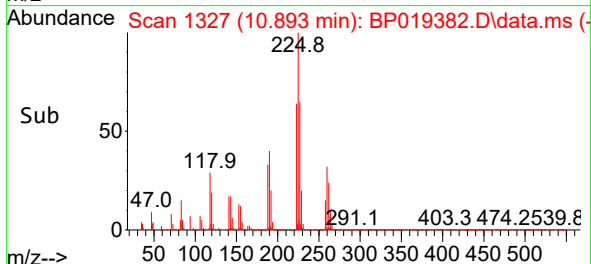
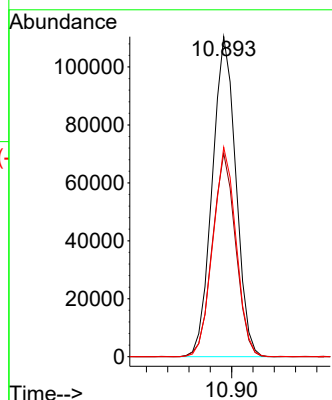
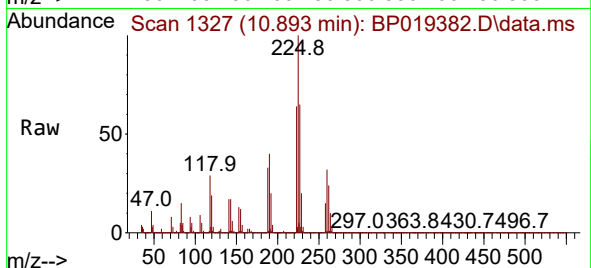
Tgt Ion:225 Resp: 169752

Ion Ratio Lower Upper

225 100

223 63.6 49.9 74.9

227 65.5 51.0 76.6



#34

Caprolactam

Concen: 18.163 ng/ul

RT: 11.540 min Scan# 1437

Delta R.T. -0.006 min

Lab File: BP019382.D

Acq: 15 Jan 2024 21:46

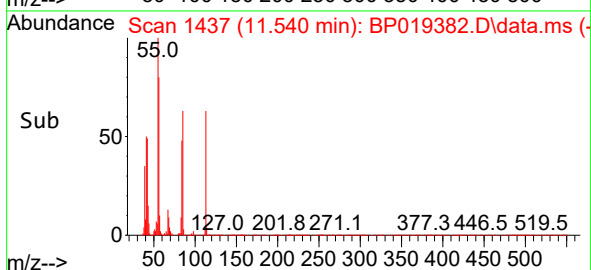
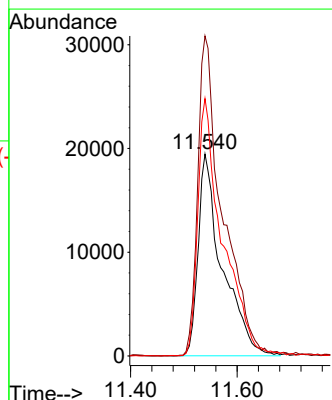
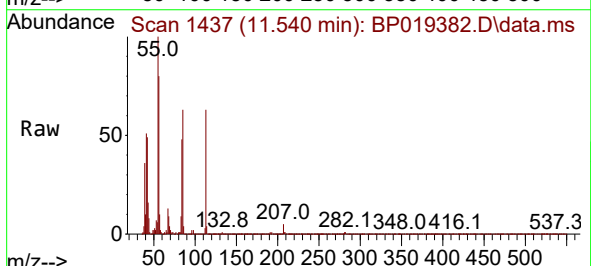
Tgt Ion:113 Resp: 60869

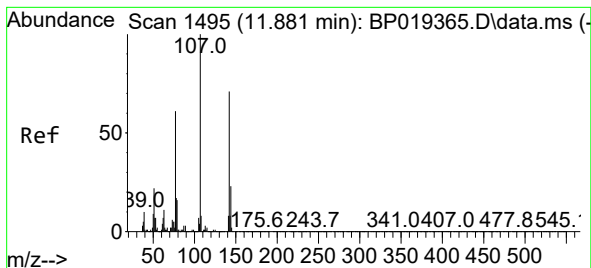
Ion Ratio Lower Upper

113 100

55 158.4 133.3 199.9

56 127.4 108.0 162.0

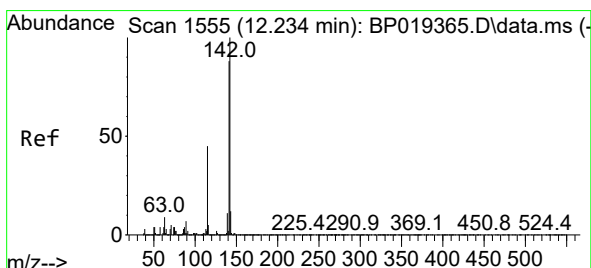
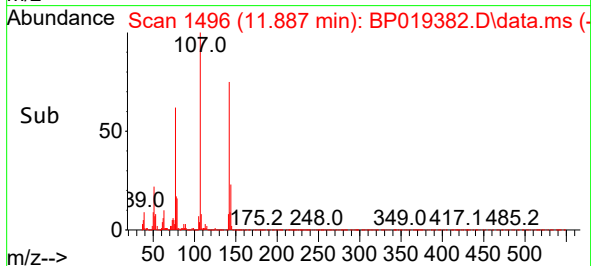
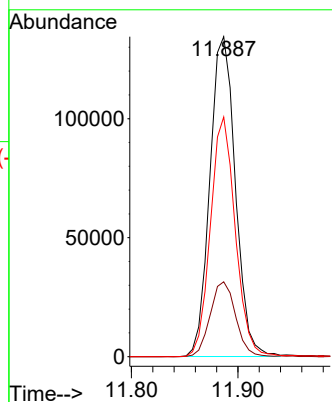
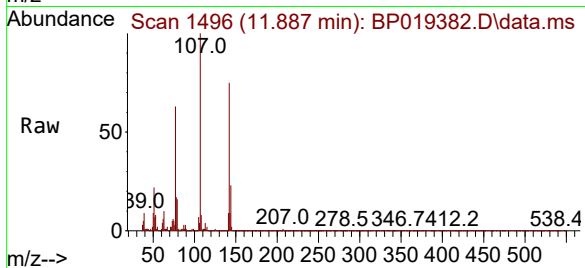




#35
4-Chloro-3-methylphenol
Concen: 18.849 ng/ul
RT: 11.887 min Scan# 1495
Delta R.T. -0.006 min
Lab File: BP019382.D
Acq: 15 Jan 2024 21:46

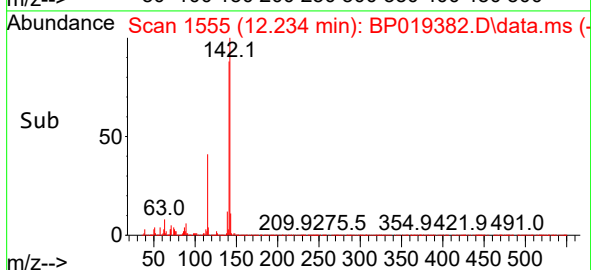
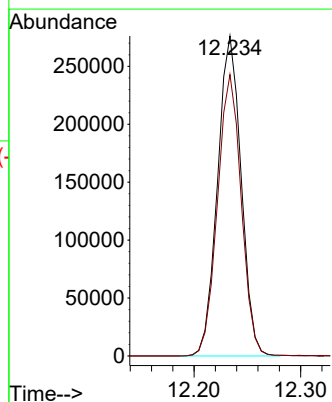
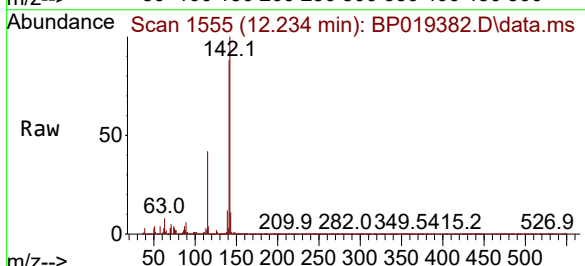
Instrument :
BNA_P
ClientSampleId :

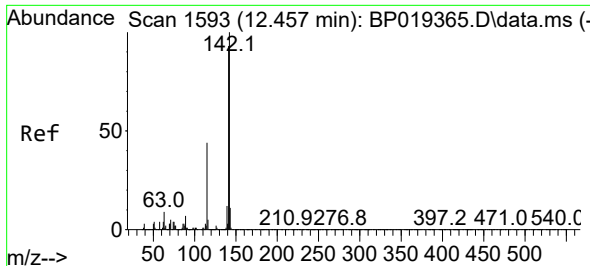
Tgt Ion:107 Resp: 223623
Ion Ratio Lower Upper
107 100
144 23.4 17.8 26.8
142 74.9 56.3 84.5



#36
2-Methylnaphthalene
Concen: 18.438 ng/ul
RT: 12.234 min Scan# 1555
Delta R.T. -0.012 min
Lab File: BP019382.D
Acq: 15 Jan 2024 21:46

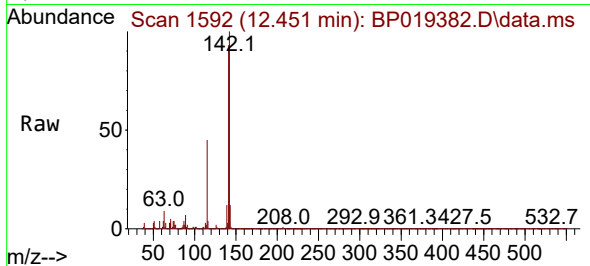
Tgt Ion:142 Resp: 424433
Ion Ratio Lower Upper
142 100
141 88.0 71.1 106.7



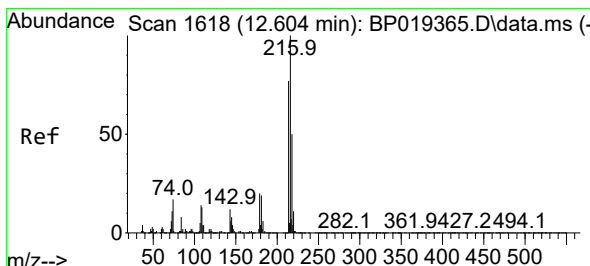
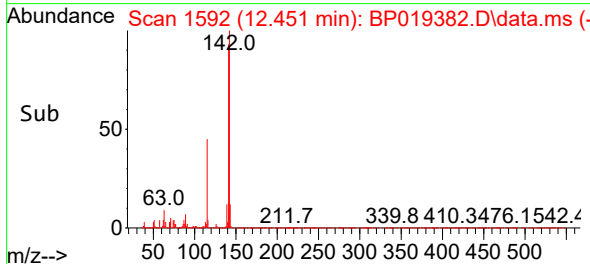
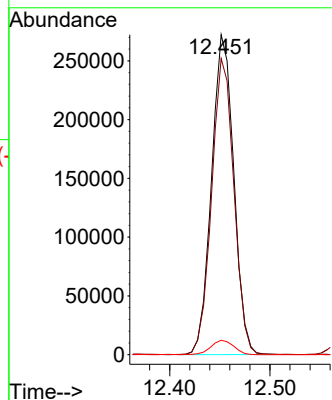


#37
1-Methylnaphthalene
Concen: 18.598 ng/ul
RT: 12.451 min Scan# 1592
Delta R.T. -0.012 min
Lab File: BP019382.D
Acq: 15 Jan 2024 21:46

Instrument :
BNA_P
ClientSampleId :

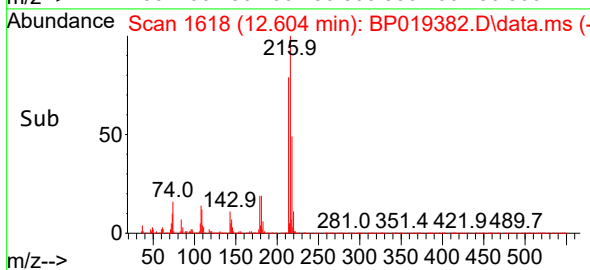
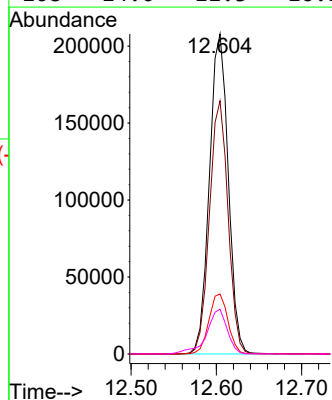
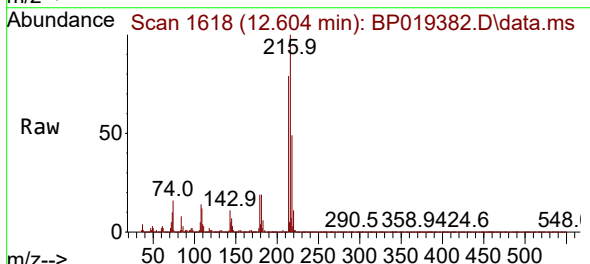


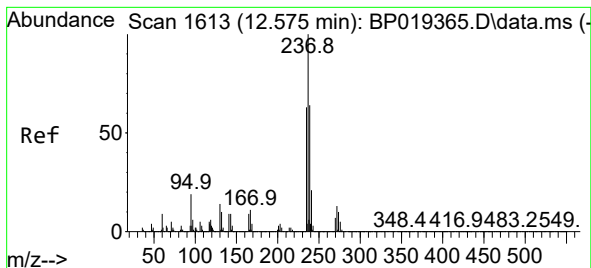
Tgt Ion:142 Resp: 418892
Ion Ratio Lower Upper
142 100
141 92.5 74.4 111.6
116 4.5 3.9 5.9



#39
1,2,4,5-Tetrachlorobenzene
Concen: 18.573 ng/ul
RT: 12.604 min Scan# 1618
Delta R.T. -0.012 min
Lab File: BP019382.D
Acq: 15 Jan 2024 21:46

Tgt Ion:216 Resp: 319054
Ion Ratio Lower Upper
216 100
214 79.1 63.6 95.4
179 18.8 15.1 22.7
108 14.0 11.3 16.9





#40

Hexachlorocyclopentadiene

Concen: 16.372 ng/ul

RT: 12.575 min Scan# 1613

Delta R.T. -0.012 min

Lab File: BP019382.D

Acq: 15 Jan 2024 21:46

Instrument :

BNA_P

ClientSampleId :

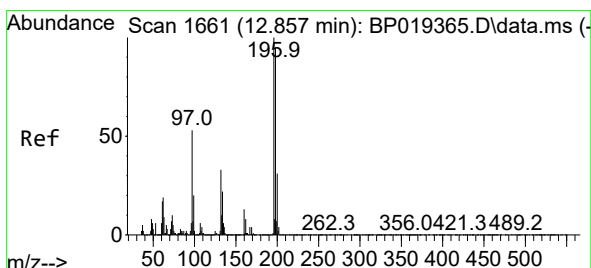
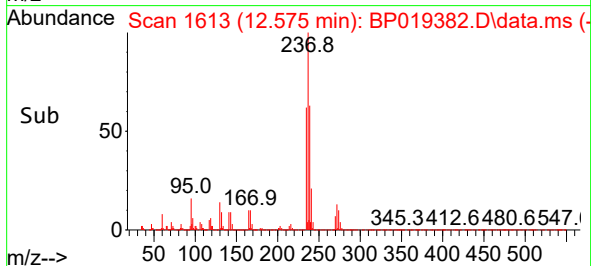
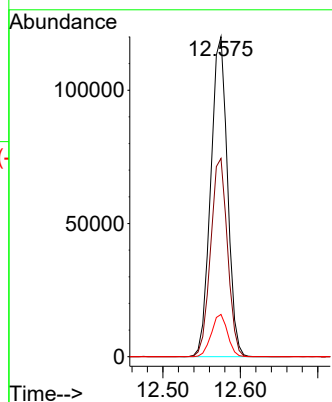
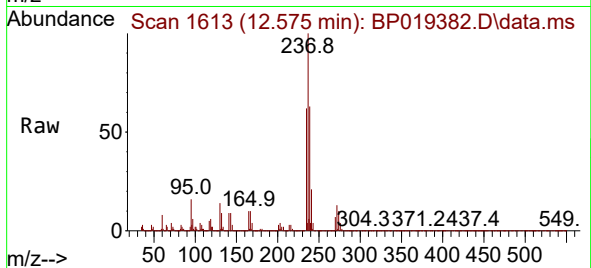
Tgt Ion:237 Resp: 180510

Ion Ratio Lower Upper

237 100

235 61.9 50.0 75.0

272 13.9 11.4 17.2



#41

2,4,6-Trichlorophenol

Concen: 18.866 ng/ul

RT: 12.857 min Scan# 1661

Delta R.T. -0.006 min

Lab File: BP019382.D

Acq: 15 Jan 2024 21:46

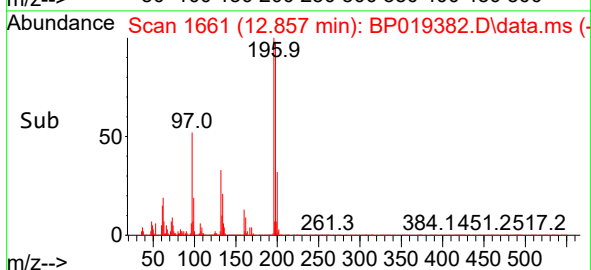
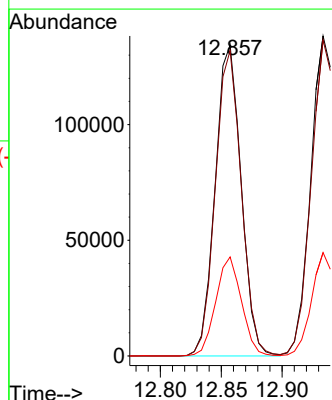
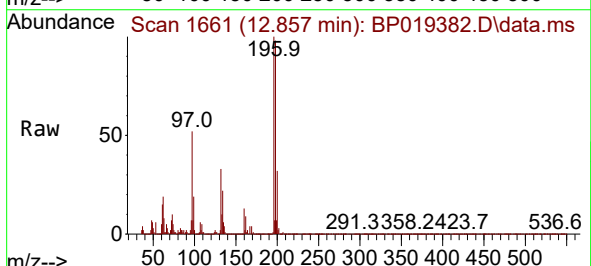
Tgt Ion:196 Resp: 199445

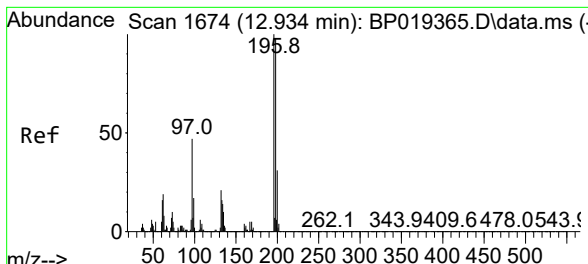
Ion Ratio Lower Upper

196 100

198 98.2 78.2 117.2

200 31.9 24.6 36.8

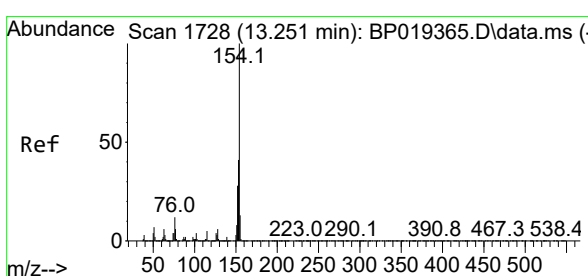
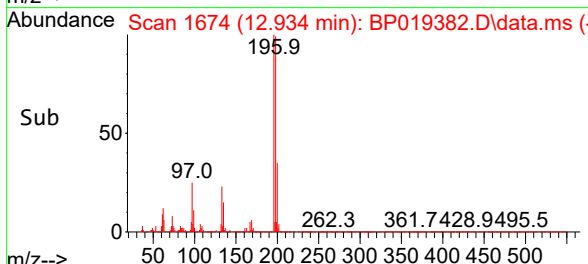
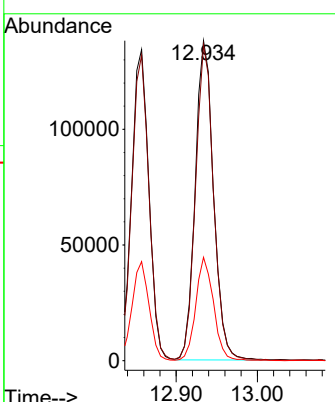
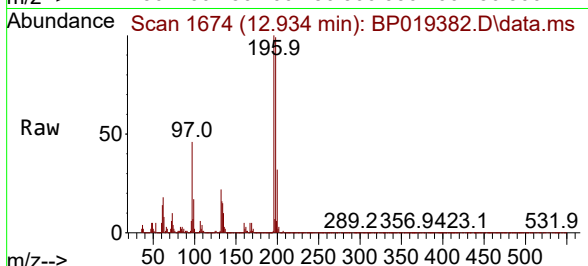




#42
 2,4,5-Trichlorophenol
 Concen: 19.121 ng/ul
 RT: 12.934 min Scan# 1674
 Delta R.T. -0.012 min
 Lab File: BP019382.D
 Acq: 15 Jan 2024 21:46

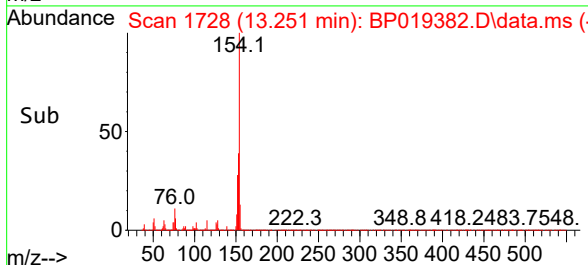
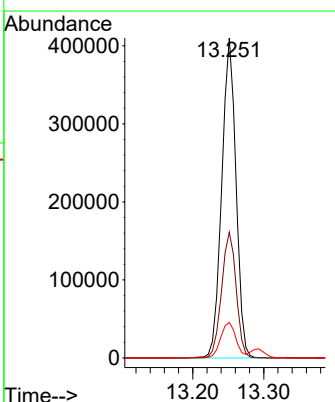
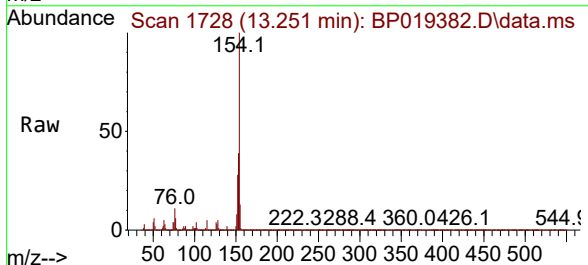
Instrument :
 BNA_P
 ClientSampleId :

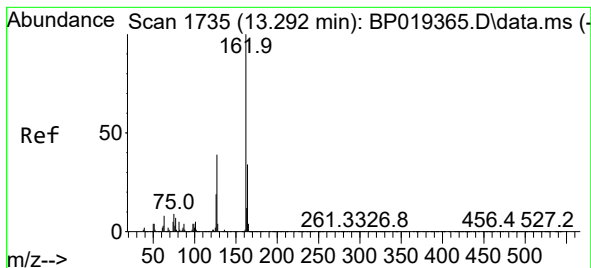
Tgt Ion:	196	Resp:	216624
Ion Ratio	Lower	Upper	
196	100		
198	98.8	78.9	118.3
200	32.3	25.0	37.6



#43
 1,1'-Biphenyl
 Concen: 17.407 ng/ul
 RT: 13.251 min Scan# 1728
 Delta R.T. -0.012 min
 Lab File: BP019382.D
 Acq: 15 Jan 2024 21:46

Tgt Ion:	154	Resp:	570060
Ion Ratio	Lower	Upper	
154	100		
153	39.4	32.6	48.8
76	11.1	9.3	13.9





#44

2-Chloronaphthalene

Concen: 17.529 ng/ul

RT: 13.292 min Scan# 1735

Delta R.T. -0.012 min

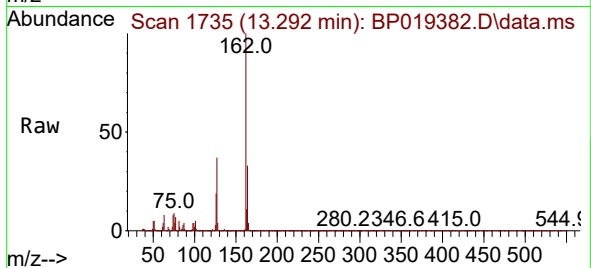
Lab File: BP019382.D

Acq: 15 Jan 2024 21:46

Instrument :

BNA_P

ClientSampleId :



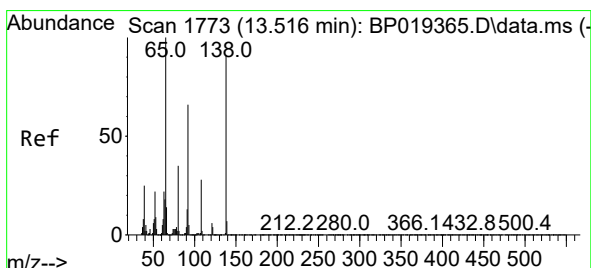
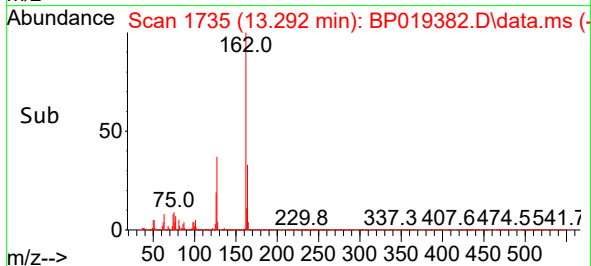
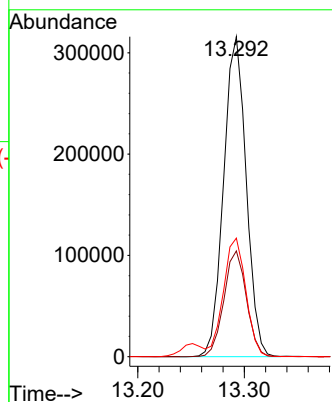
Tgt Ion:162 Resp: 464232

Ion Ratio Lower Upper

162 100

164 33.0 26.6 40.0

127 37.1 29.4 44.2



#45

2-Nitroaniline

Concen: 19.365 ng/ul

RT: 13.516 min Scan# 1773

Delta R.T. -0.006 min

Lab File: BP019382.D

Acq: 15 Jan 2024 21:46

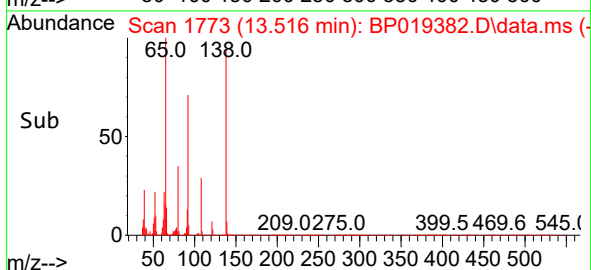
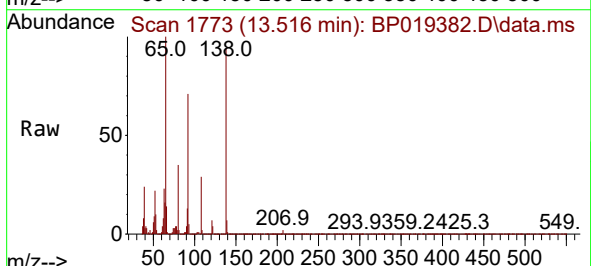
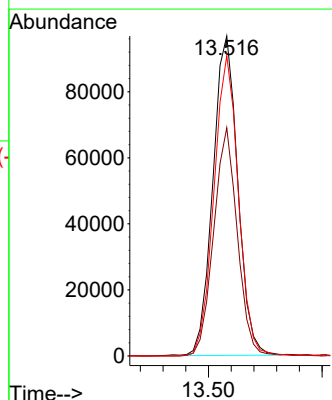
Tgt Ion: 65 Resp: 147106

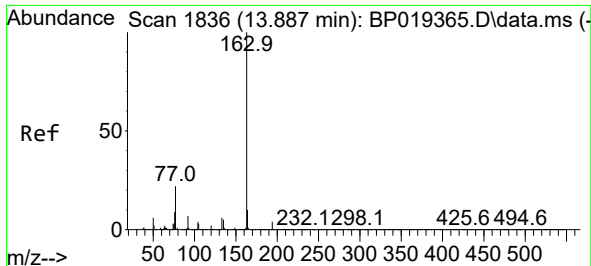
Ion Ratio Lower Upper

65 100

92 71.3 52.1 78.1

138 93.8 74.8 112.2

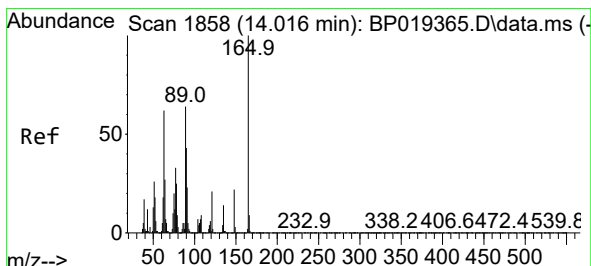
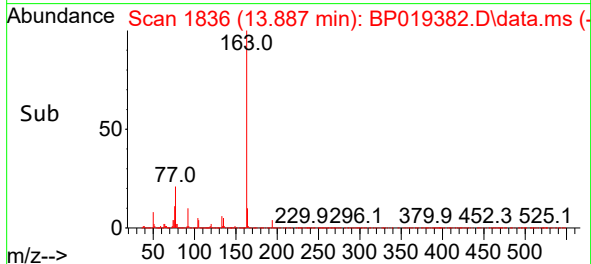
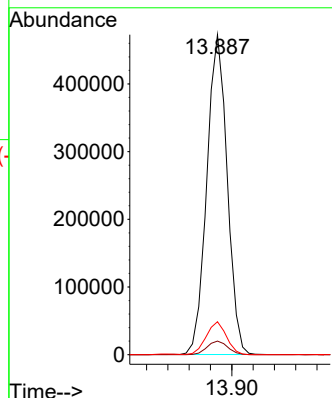
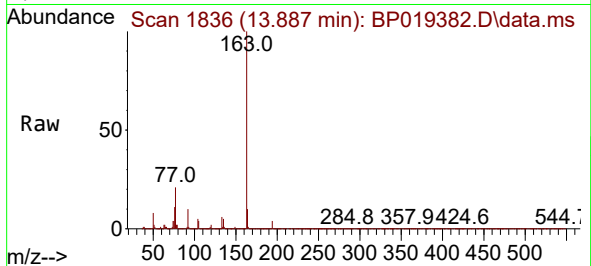




#47
Dimethylphthalate
Concen: 18.076 ng/ul
RT: 13.887 min Scan# 1836
Delta R.T. -0.006 min
Lab File: BP019382.D
Acq: 15 Jan 2024 21:46

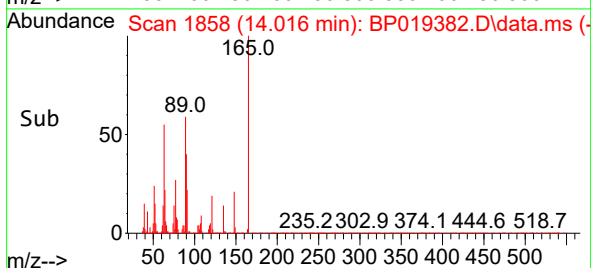
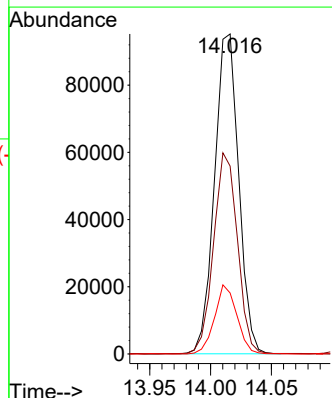
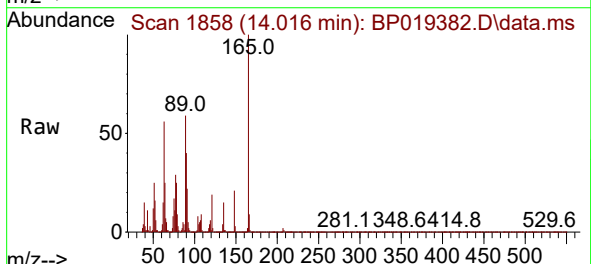
Instrument :
BNA_P
ClientSampleId :

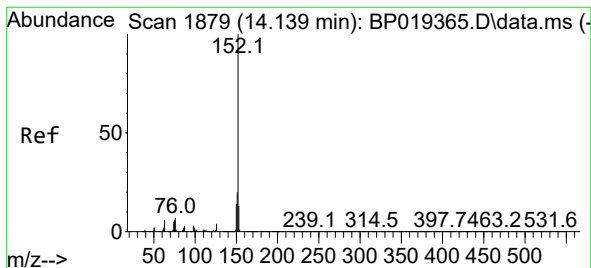
Tgt Ion:163 Resp: 629179
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 10.3 8.1 12.1



#48
2,6-Dinitrotoluene
Concen: 19.122 ng/ul
RT: 14.016 min Scan# 1858
Delta R.T. -0.006 min
Lab File: BP019382.D
Acq: 15 Jan 2024 21:46

Tgt Ion:165 Resp: 131612
Ion Ratio Lower Upper
165 100
89 58.7 49.9 74.9
121 19.1 16.5 24.7





#50

Acenaphthylene

Concen: 17.958 ng/ul

RT: 14.140 min Scan# 1879

Delta R.T. -0.012 min

Lab File: BP019382.D

Acq: 15 Jan 2024 21:46

Instrument :

BNA_P

ClientSampleId :

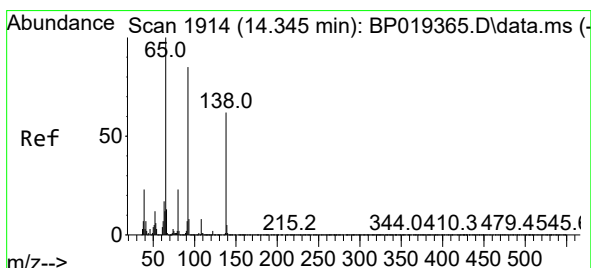
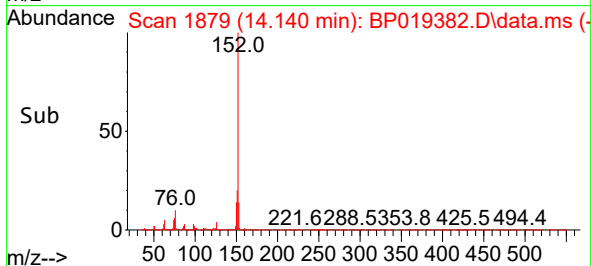
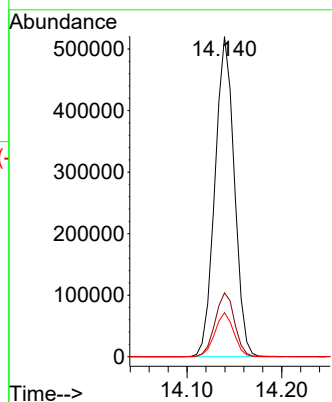
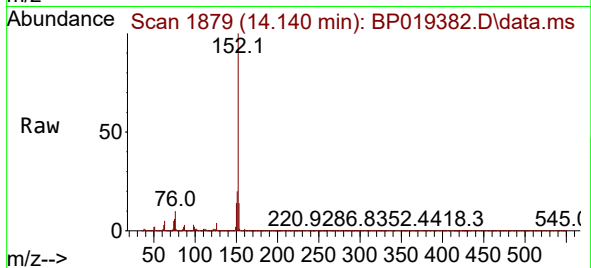
Tgt Ion:152 Resp: 738449

Ion Ratio Lower Upper

152 100

151 19.9 15.8 23.6

153 13.7 10.3 15.5



#51

3-Nitroaniline

Concen: 18.777 ng/ul

RT: 14.345 min Scan# 1914

Delta R.T. -0.006 min

Lab File: BP019382.D

Acq: 15 Jan 2024 21:46

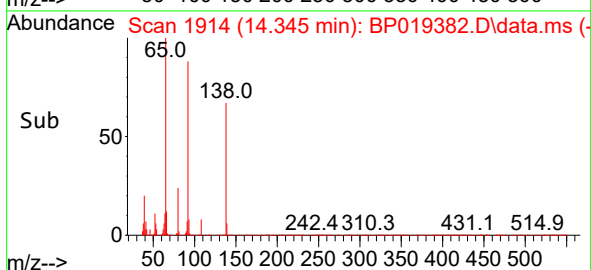
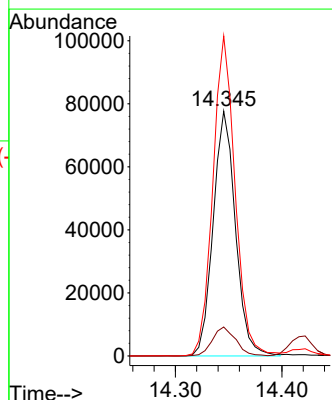
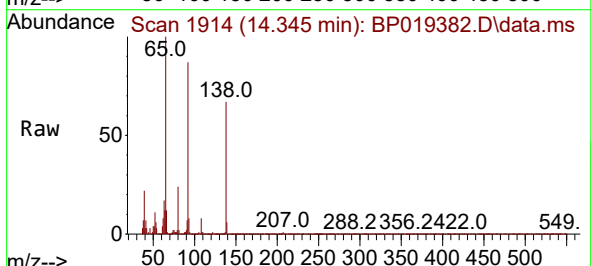
Tgt Ion:138 Resp: 112732

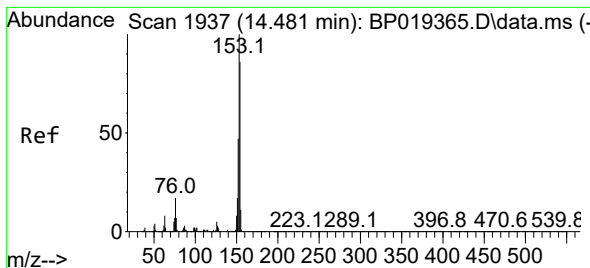
Ion Ratio Lower Upper

138 100

108 11.9 10.6 15.8

92 130.7 105.8 158.6





#52

Acenaphthene

Concen: 18.217 ng/ul

RT: 14.481 min Scan# 1937

Delta R.T. -0.012 min

Lab File: BP019382.D

Acq: 15 Jan 2024 21:46

Instrument :

BNA_P

ClientSampleId :

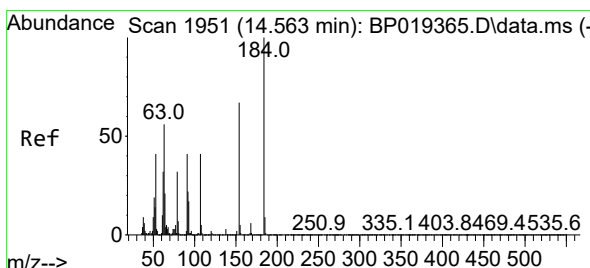
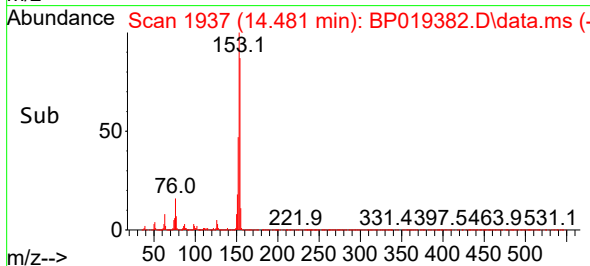
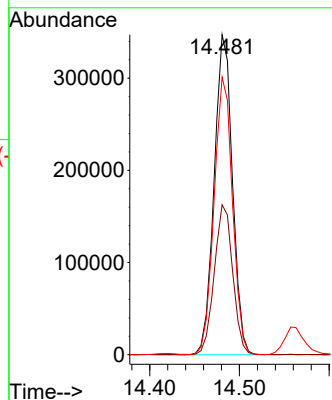
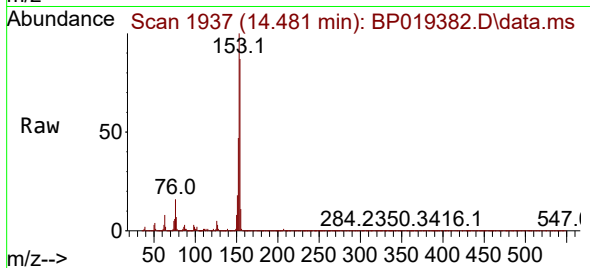
Tgt Ion:153 Resp: 490807

Ion Ratio Lower Upper

153 100

152 46.9 38.2 57.2

154 86.7 68.9 103.3



#53

2,4-Dinitrophenol

Concen: 15.412 ng/ul

RT: 14.557 min Scan# 1950

Delta R.T. -0.012 min

Lab File: BP019382.D

Acq: 15 Jan 2024 21:46

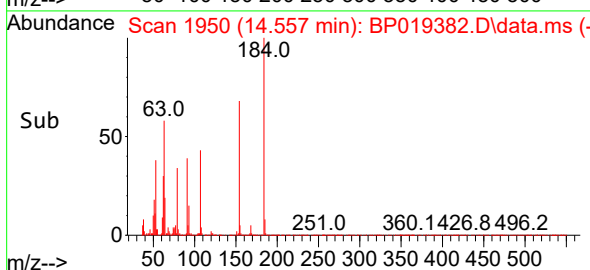
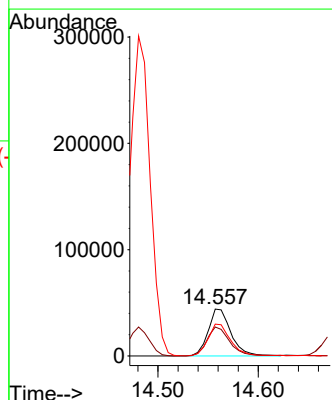
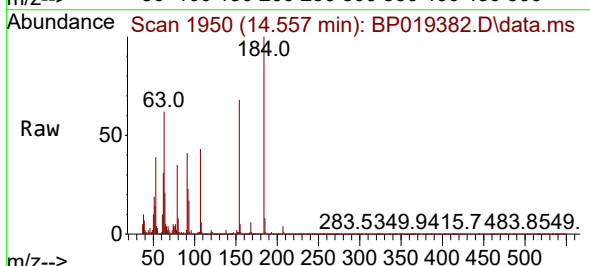
Tgt Ion:184 Resp: 69556

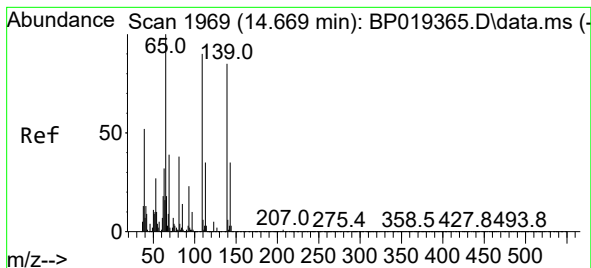
Ion Ratio Lower Upper

184 100

63 61.8 43.6 65.4

154 67.9 52.1 78.1

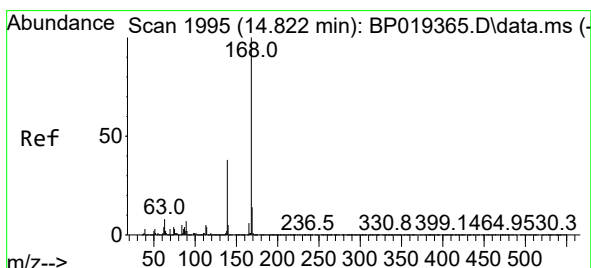
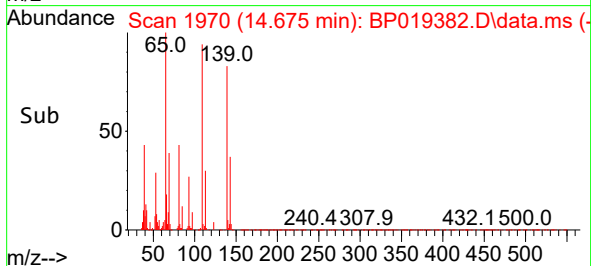
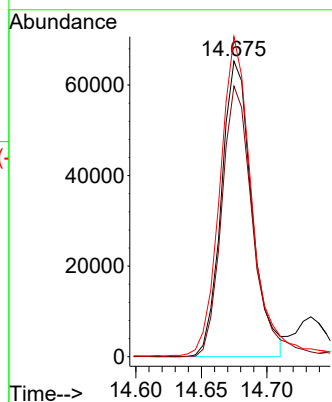
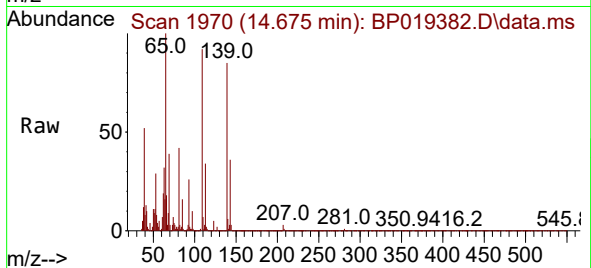




#55
4-Nitrophenol
Concen: 18.133 ng/ul
RT: 14.675 min Scan# 1969
Delta R.T. -0.006 min
Lab File: BP019382.D
Acq: 15 Jan 2024 21:46

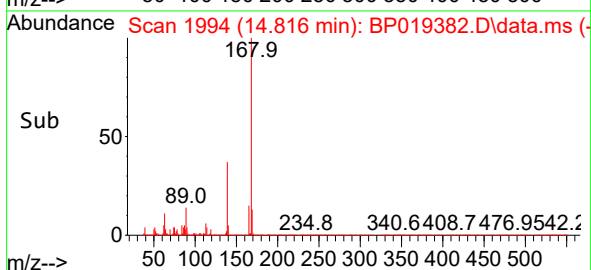
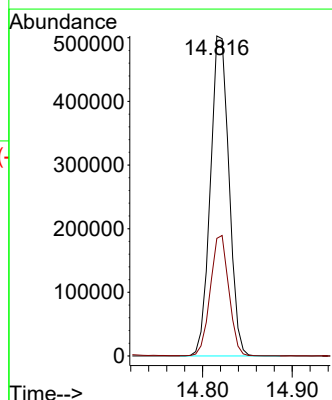
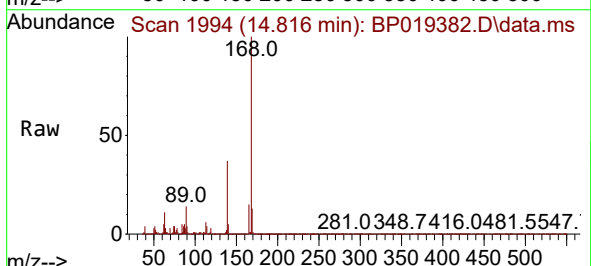
Instrument :
BNA_P
ClientSampleId :

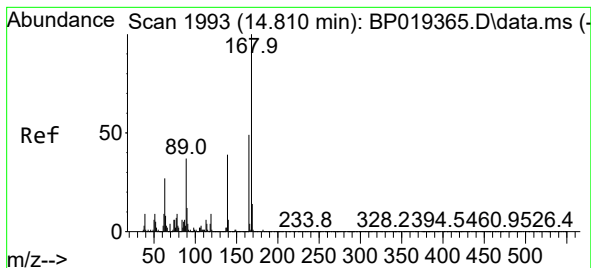
Tgt Ion	Ratio	Lower	Upper
109	100		
139	91.5	73.2	109.8
65	108.3	90.9	136.3



#56
Dibenzofuran
Concen: 18.742 ng/ul
RT: 14.816 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BP019382.D
Acq: 15 Jan 2024 21:46

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.7	30.3	45.5





#57

2,4-Dinitrotoluene

Concen: 19.784 ng/ul

RT: 14.804 min Scan# 1992

Delta R.T. -0.012 min

Lab File: BP019382.D

Acq: 15 Jan 2024 21:46

Instrument :

BNA_P

ClientSampleId :

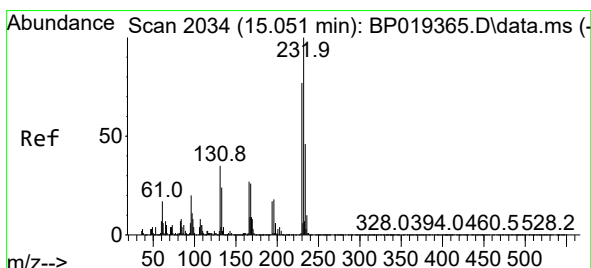
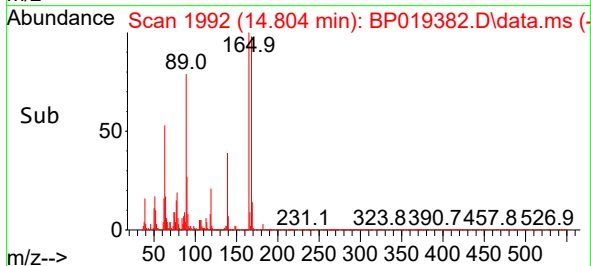
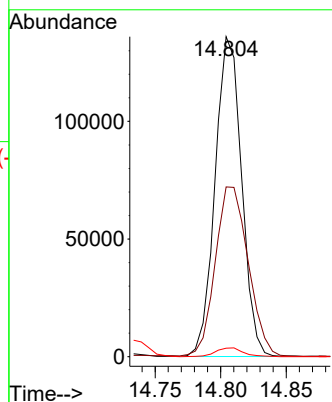
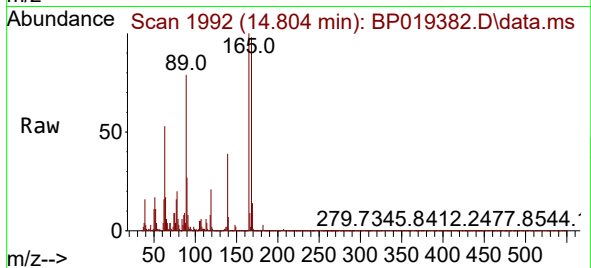
Tgt Ion:165 Resp: 191059

Ion Ratio Lower Upper

165 100

63 53.0 41.3 61.9

182 2.7 2.4 3.6



#58

2,3,4,6-Tetrachlorophenol

Concen: 20.116 ng/ul

RT: 15.051 min Scan# 2034

Delta R.T. -0.012 min

Lab File: BP019382.D

Acq: 15 Jan 2024 21:46

Tgt Ion:232 Resp: 202319

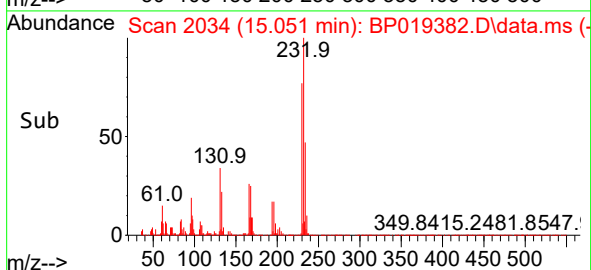
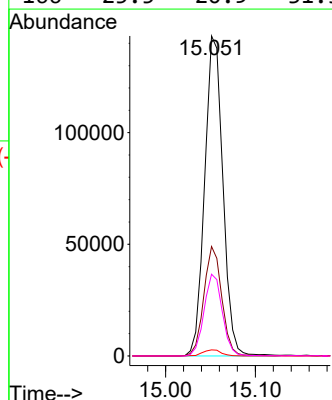
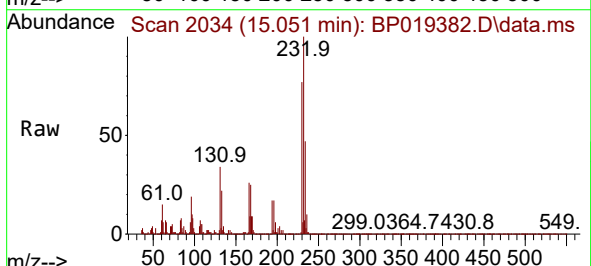
Ion Ratio Lower Upper

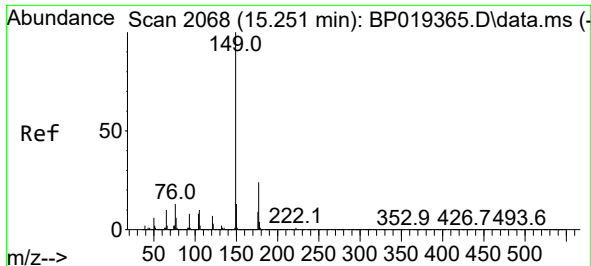
232 100

131 34.2 27.9 41.9

130 1.9 1.8 2.8

166 25.5 20.9 31.3

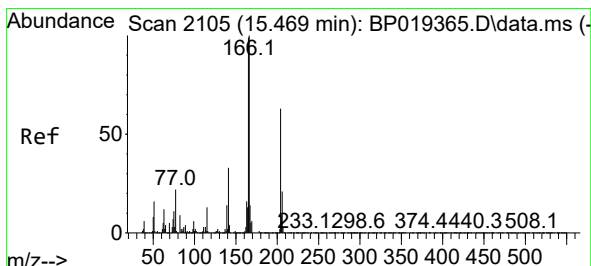
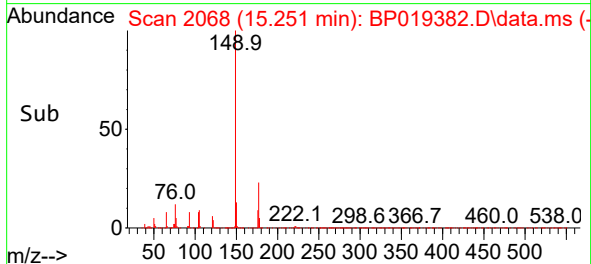
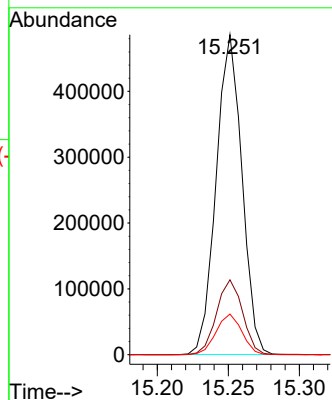
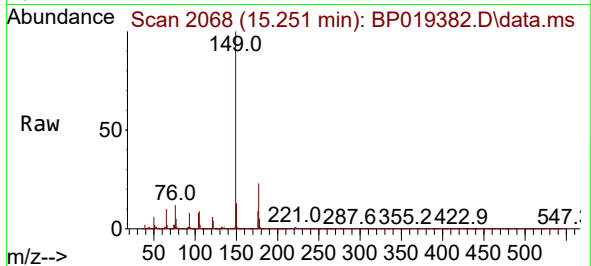




#59
Diethylphthalate
Concen: 18.818 ng/ul
RT: 15.251 min Scan# 2068
Delta R.T. -0.006 min
Lab File: BP019382.D
Acq: 15 Jan 2024 21:46

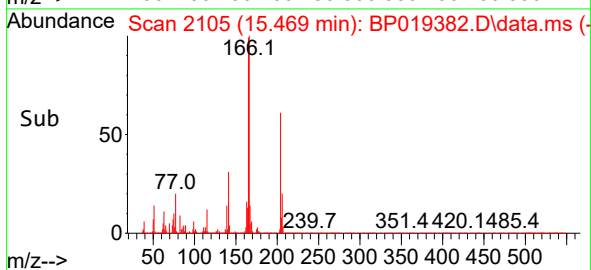
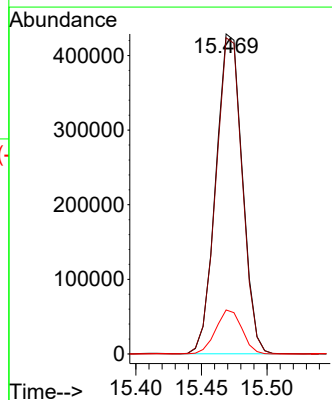
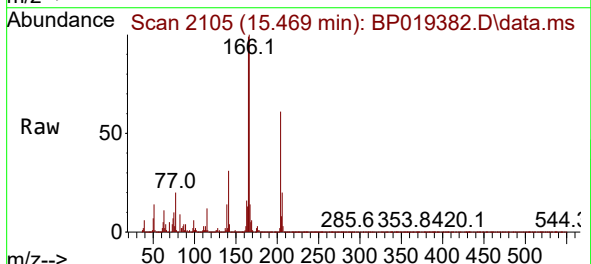
Instrument :
BNA_P
ClientSampleId :

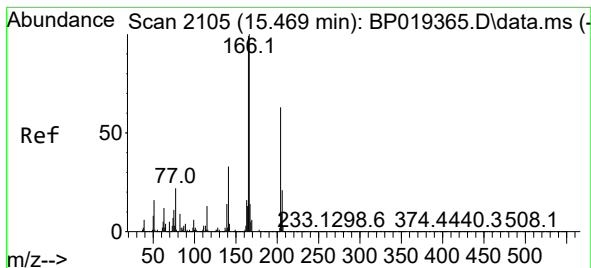
Tgt Ion:149 Resp: 612950
Ion Ratio Lower Upper
149 100
177 23.4 18.8 28.2
150 12.7 10.2 15.4



#61
Fluorene
Concen: 19.028 ng/ul
RT: 15.469 min Scan# 2105
Delta R.T. -0.012 min
Lab File: BP019382.D
Acq: 15 Jan 2024 21:46

Tgt Ion:166 Resp: 601177
Ion Ratio Lower Upper
166 100
165 98.8 78.6 118.0
167 13.8 10.6 15.8

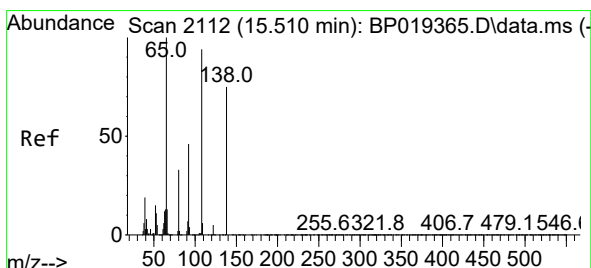
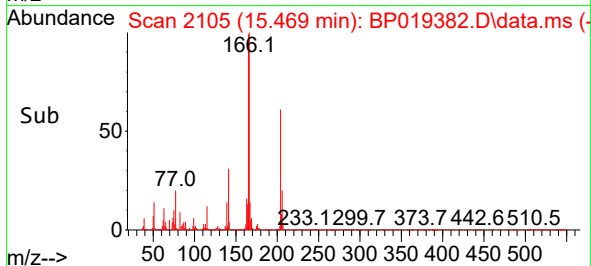
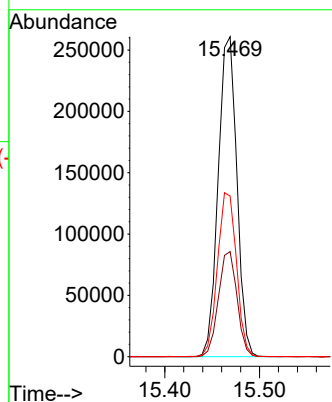
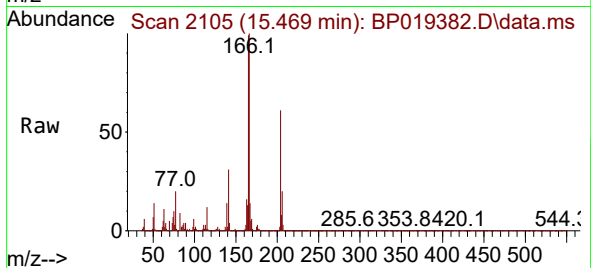




#62
4-Chlorophenyl-phenylether
Concen: 18.962 ng/ul
RT: 15.469 min Scan# 2105
Delta R.T. -0.006 min
Lab File: BP019382.D
Acq: 15 Jan 2024 21:46

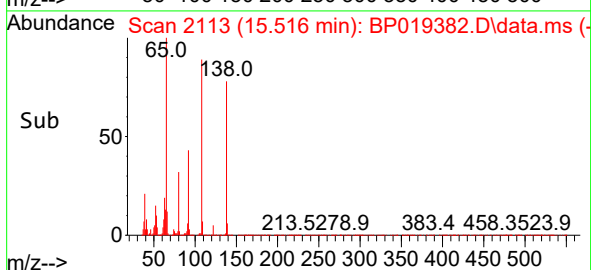
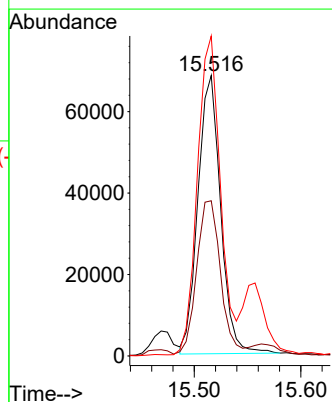
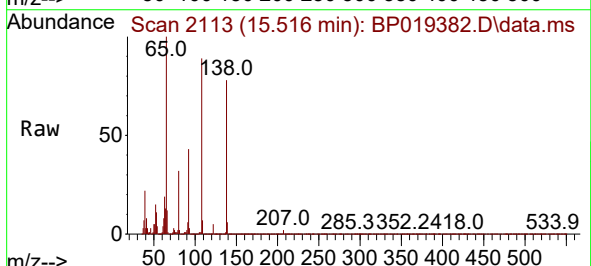
Instrument :
BNA_P
ClientSampleId :

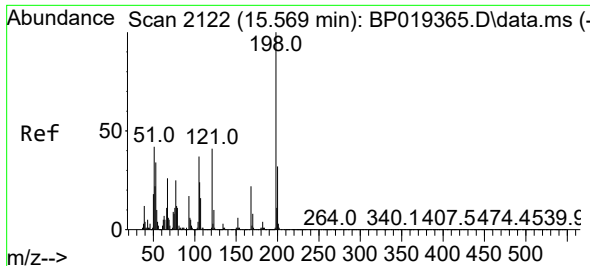
Tgt Ion:204 Resp: 357525
Ion Ratio Lower Upper
204 100
206 32.9 27.0 40.4
141 50.2 41.5 62.3



#63
4-Nitroaniline
Concen: 21.793 ng/ul
RT: 15.516 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BP019382.D
Acq: 15 Jan 2024 21:46

Tgt Ion:138 Resp: 101434
Ion Ratio Lower Upper
138 100
92 55.4 48.9 73.3
108 114.1 90.4 135.6

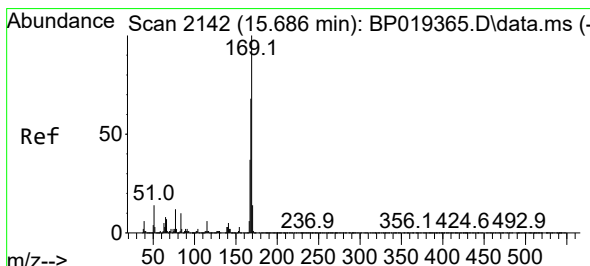
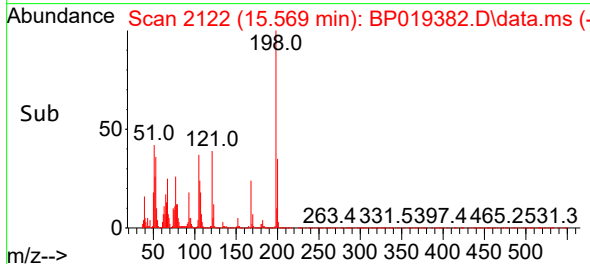
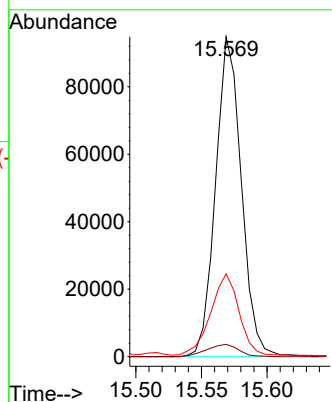
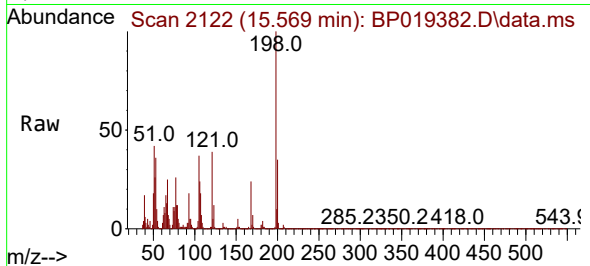




#66
4,6-Dinitro-2-methylphenol
Concen: 16.530 ng/ul
RT: 15.569 min Scan# 2122
Delta R.T. -0.006 min
Lab File: BP019382.D
Acq: 15 Jan 2024 21:46

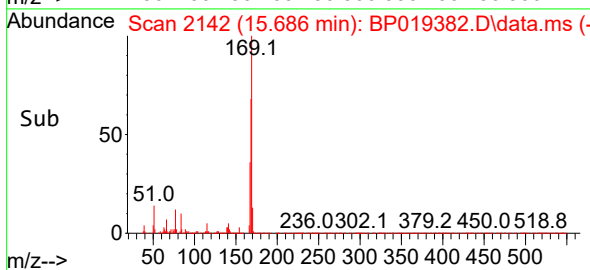
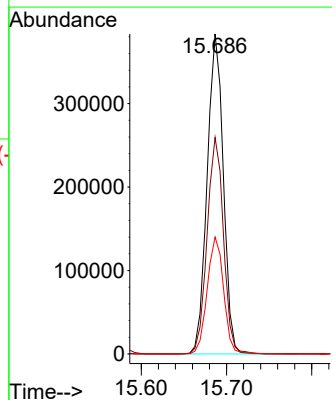
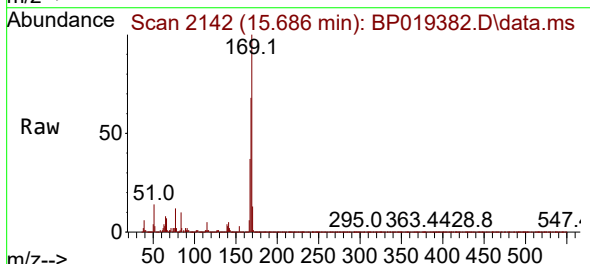
Instrument :
BNA_P
ClientSampleId :

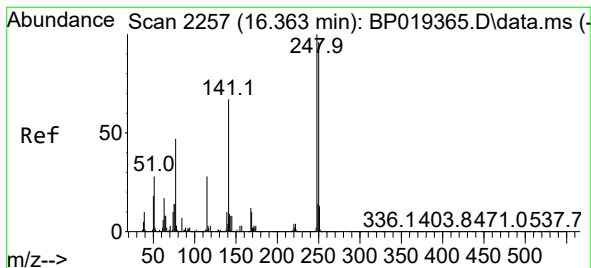
Tgt Ion:198 Resp: 129081
Ion Ratio Lower Upper
198 100
182 3.8 3.2 4.8
77 25.9 20.6 30.8



#67
N-Nitrosodiphenylamine
Concen: 17.192 ng/ul
RT: 15.686 min Scan# 2142
Delta R.T. -0.012 min
Lab File: BP019382.D
Acq: 15 Jan 2024 21:46

Tgt Ion:169 Resp: 505770
Ion Ratio Lower Upper
169 100
168 67.7 54.8 82.2
167 36.6 29.3 43.9

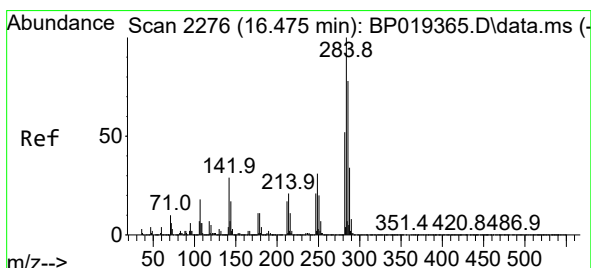
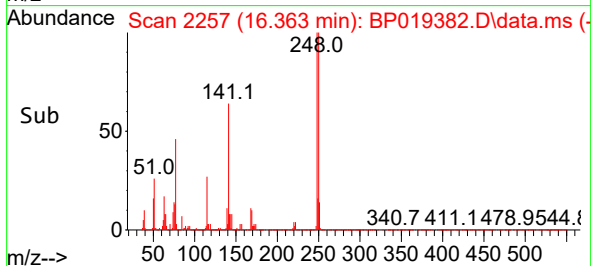
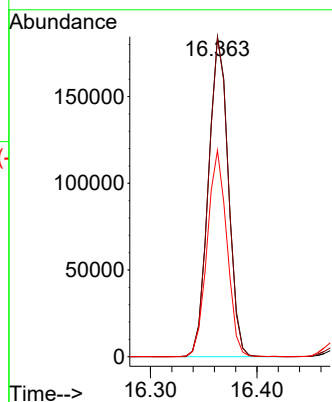
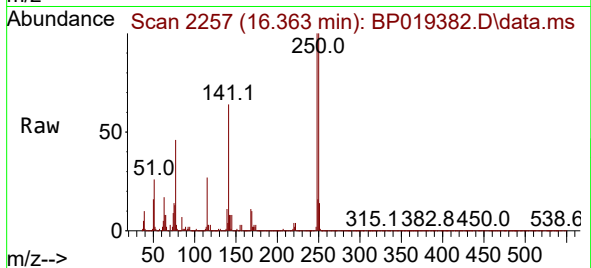




#68
4-Bromophenyl-phenylether
Concen: 17.566 ng/ul
RT: 16.363 min Scan# 2257
Delta R.T. -0.012 min
Lab File: BP019382.D
Acq: 15 Jan 2024 21:46

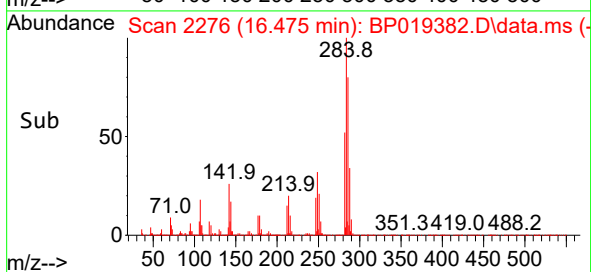
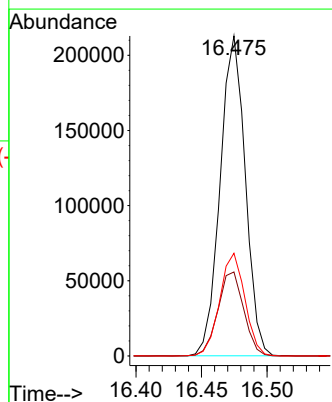
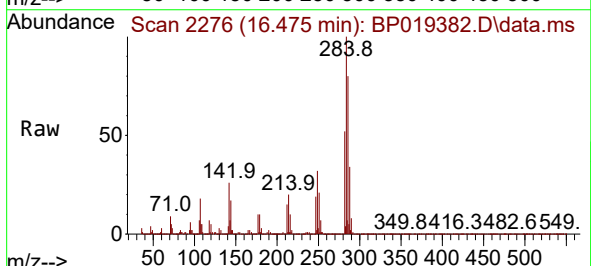
Instrument :
BNA_P
ClientSampleId :

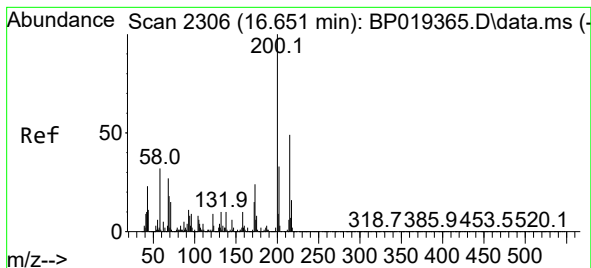
Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.7	75.6	113.4
141	64.5	48.7	73.1



#69
Hexachlorobenzene
Concen: 18.040 ng/ul
RT: 16.475 min Scan# 2276
Delta R.T. -0.006 min
Lab File: BP019382.D
Acq: 15 Jan 2024 21:46

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.3	23.6	35.4
249	32.1	26.1	39.1





#70

Atrazine

Concen: 17.609 ng/ul

RT: 16.651 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019382.D

Acq: 15 Jan 2024 21:46

Instrument :

BNA_P

ClientSampleId :

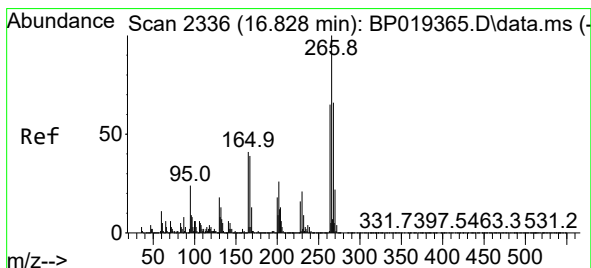
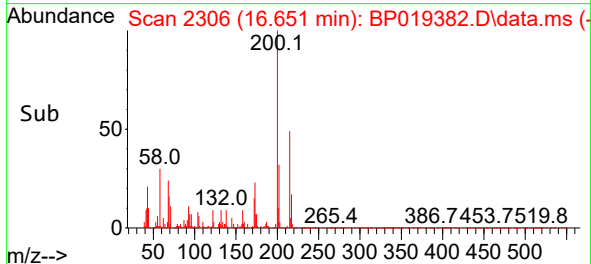
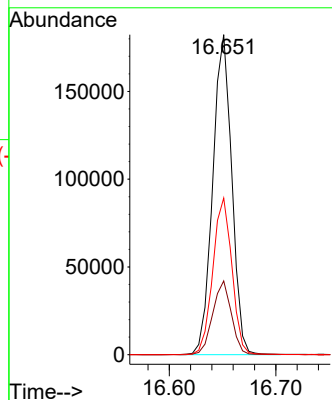
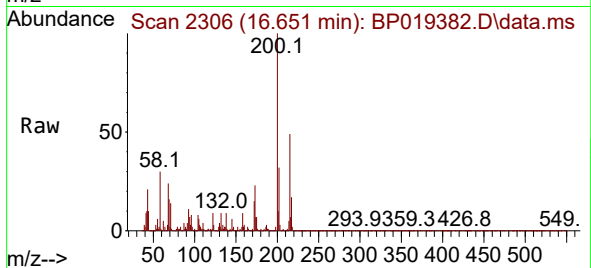
Tgt Ion:200 Resp: 225808

Ion Ratio Lower Upper

200 100

173 23.1 19.4 29.0

215 49.0 39.7 59.5



#71

Pentachlorophenol

Concen: 17.238 ng/ul

RT: 16.833 min Scan# 2337

Delta R.T. -0.006 min

Lab File: BP019382.D

Acq: 15 Jan 2024 21:46

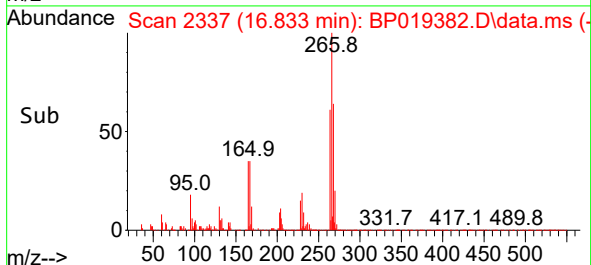
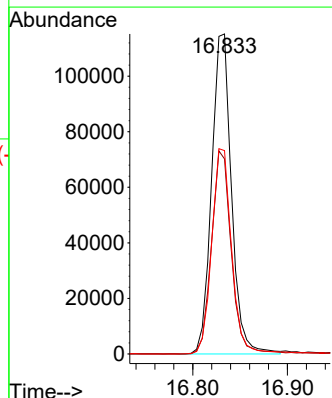
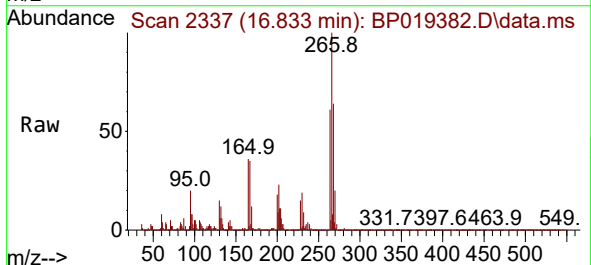
Tgt Ion:266 Resp: 168193

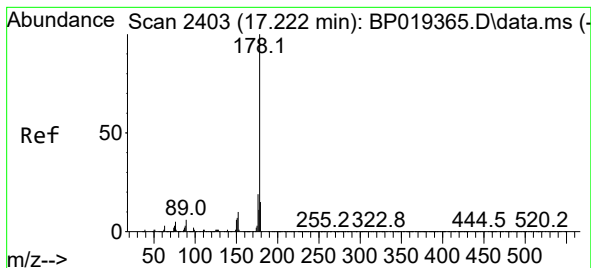
Ion Ratio Lower Upper

266 100

264 61.0 49.4 74.2

268 63.5 51.6 77.4





#72

Phenanthrene

Concen: 17.854 ng/ul

RT: 17.216 min Scan# 2402

Delta R.T. -0.012 min

Lab File: BP019382.D

Acq: 15 Jan 2024 21:46

Instrument :

BNA_P

ClientSampleId :

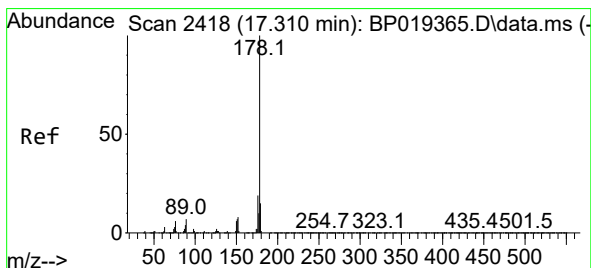
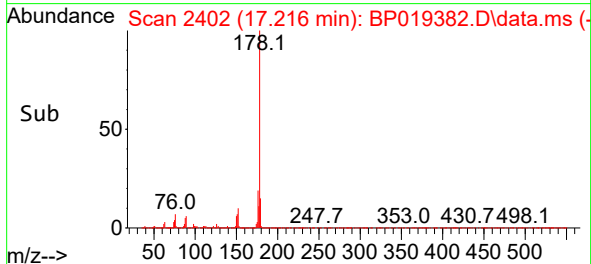
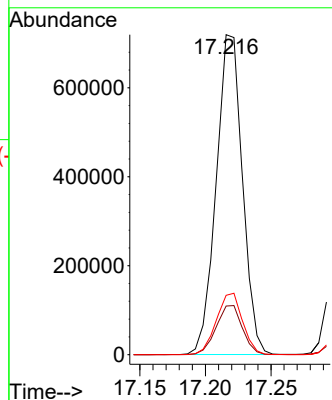
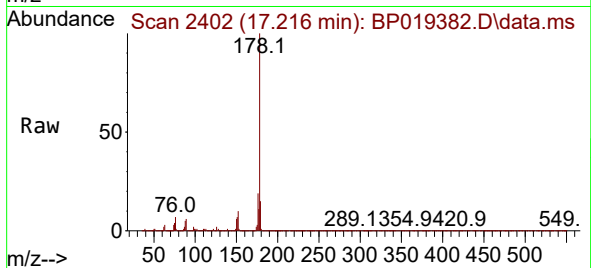
Tgt Ion:178 Resp: 1000857

Ion Ratio Lower Upper

178 100

179 15.2 12.1 18.1

176 18.6 15.4 23.2



#74

Anthracene

Concen: 17.931 ng/ul

RT: 17.310 min Scan# 2418

Delta R.T. -0.006 min

Lab File: BP019382.D

Acq: 15 Jan 2024 21:46

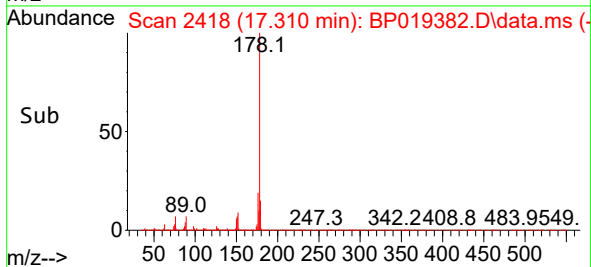
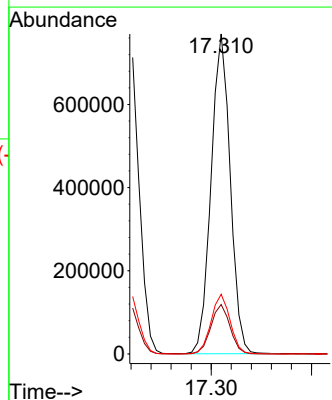
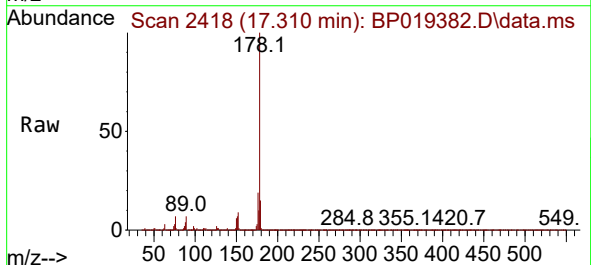
Tgt Ion:178 Resp: 1018981

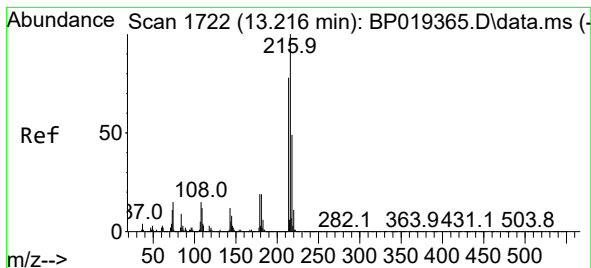
Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

176 18.6 14.6 22.0





#75

1,2,3,4-Tetrachlorobenzene

Concen: 16.194 ng/uL

RT: 13.216 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP019382.D

Acq: 15 Jan 2024 21:46

Instrument :

BNA_P

ClientSampleId :

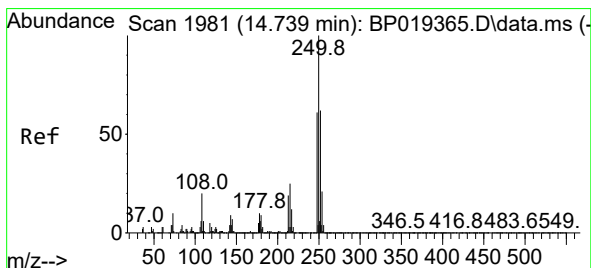
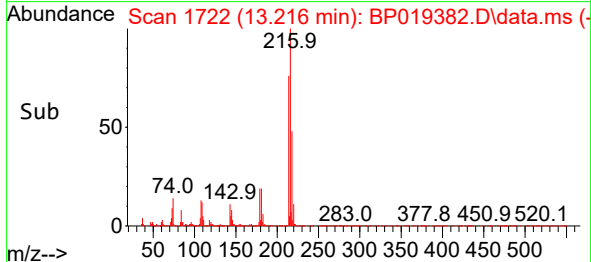
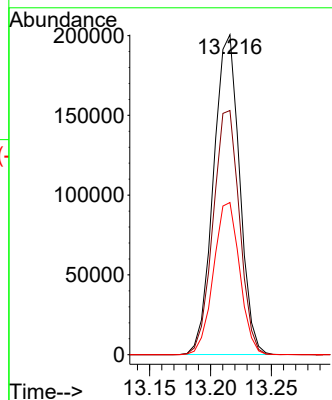
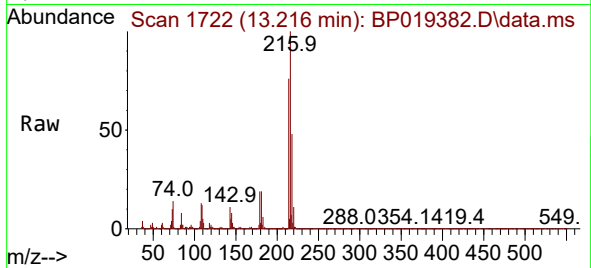
Tgt Ion:216 Resp: 299220

Ion Ratio Lower Upper

216 100

214 76.3 61.8 92.8

218 47.5 39.0 58.6



#76

Pentachlorobenzene

Concen: 17.278 ng/uL

RT: 14.734 min Scan# 1980

Delta R.T. -0.012 min

Lab File: BP019382.D

Acq: 15 Jan 2024 21:46

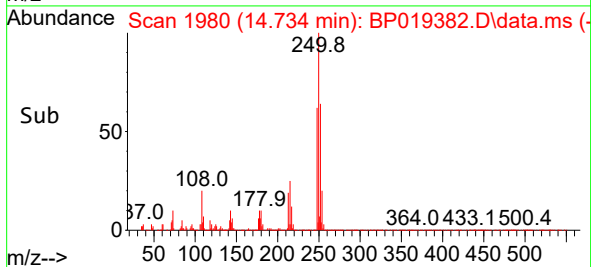
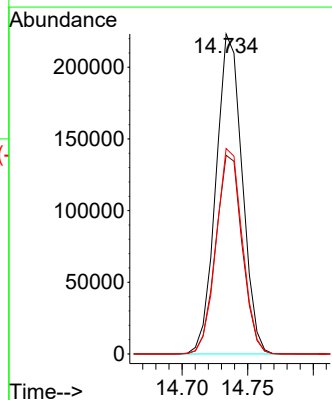
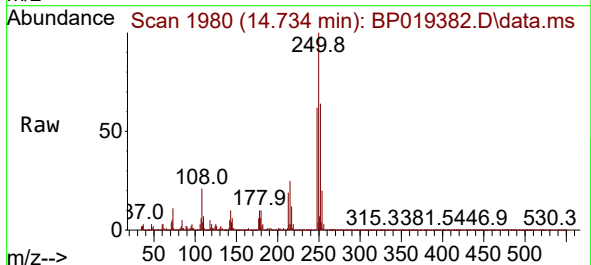
Tgt Ion:250 Resp: 310125

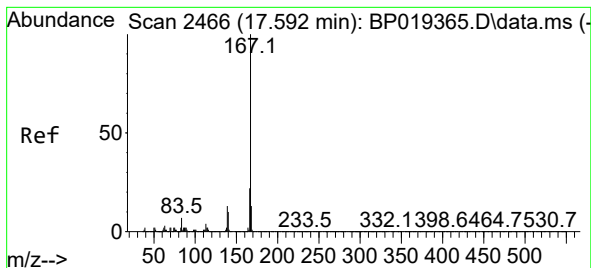
Ion Ratio Lower Upper

250 100

248 62.1 50.8 76.2

252 64.2 50.2 75.4





#77

Carbazole

Concen: 17.886 ng/ul

RT: 17.592 min Scan# 2466

Delta R.T. -0.006 min

Lab File: BP019382.D

Acq: 15 Jan 2024 21:46

Instrument :

BNA_P

ClientSampleId :

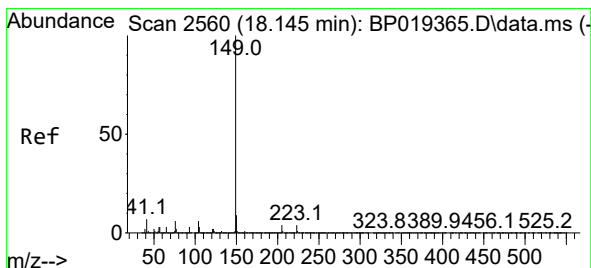
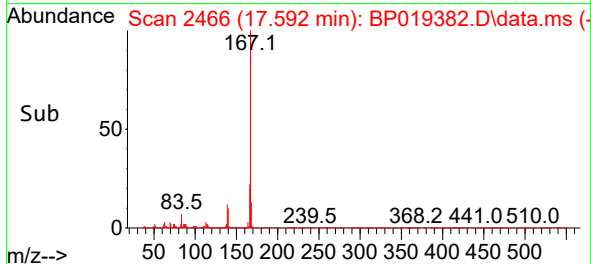
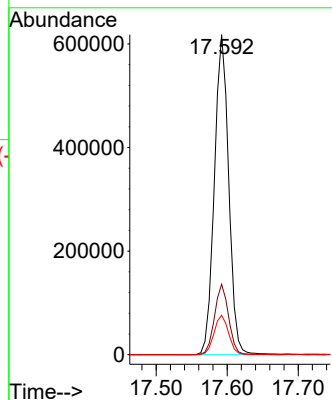
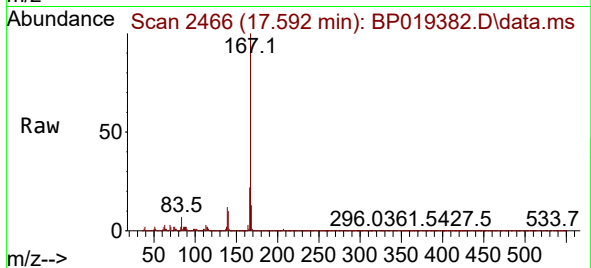
Tgt Ion:167 Resp: 864724

Ion Ratio Lower Upper

167 100

166 22.0 17.3 25.9

139 12.3 10.1 15.1



#78

Di-n-butylphthalate

Concen: 17.979 ng/ul

RT: 18.139 min Scan# 2559

Delta R.T. -0.012 min

Lab File: BP019382.D

Acq: 15 Jan 2024 21:46

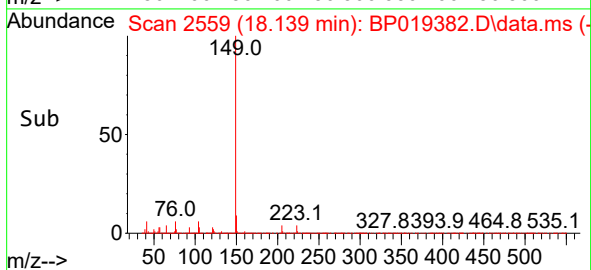
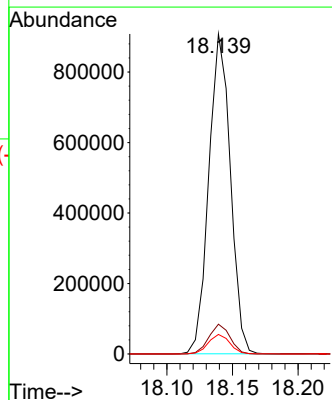
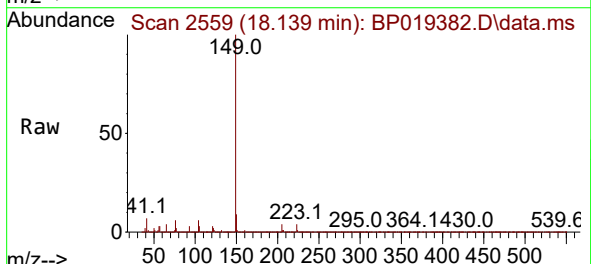
Tgt Ion:149 Resp: 1040221

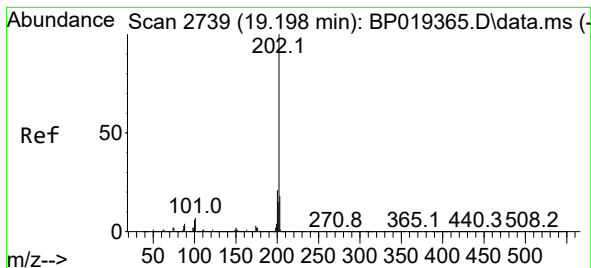
Ion Ratio Lower Upper

149 100

150 9.3 7.0 10.6

104 6.1 4.6 6.8





#80

Fluoranthene

Concen: 16.371 ng/ul

RT: 19.192 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP019382.D

Acq: 15 Jan 2024 21:46

Instrument :

BNA_P

ClientSampleId :

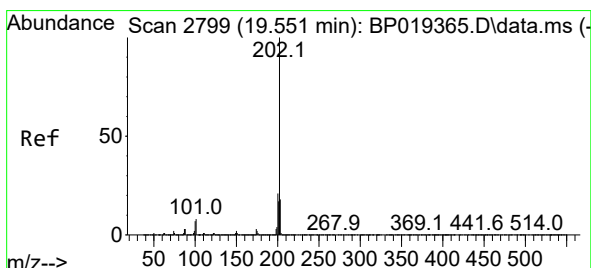
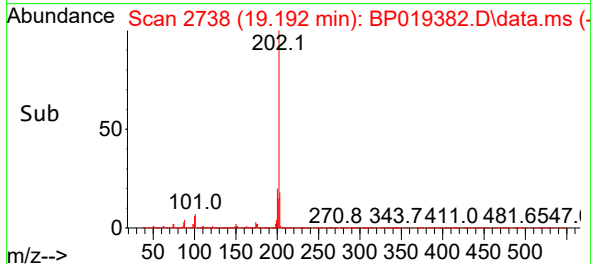
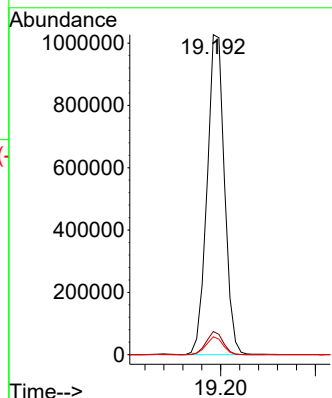
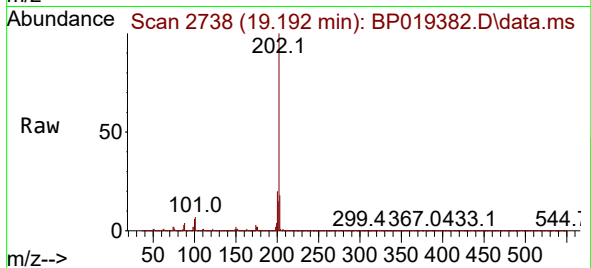
Tgt Ion:202 Resp: 1305674

Ion Ratio Lower Upper

202 100

101 7.3 5.9 8.9

100 5.6 4.6 7.0



#82

Pyrene

Concen: 16.483 ng/ul

RT: 19.551 min Scan# 2799

Delta R.T. -0.006 min

Lab File: BP019382.D

Acq: 15 Jan 2024 21:46

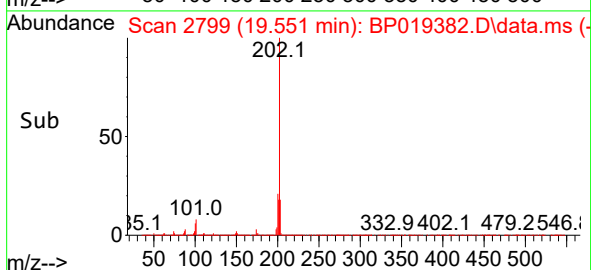
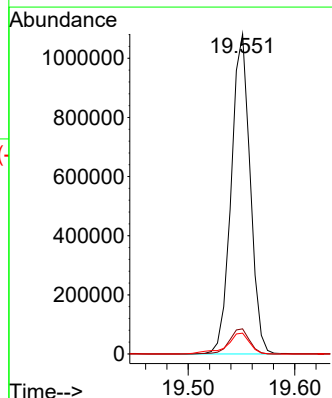
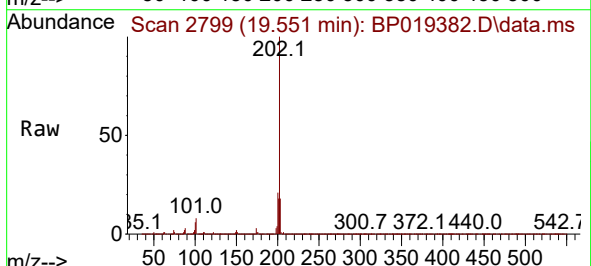
Tgt Ion:202 Resp: 1334333

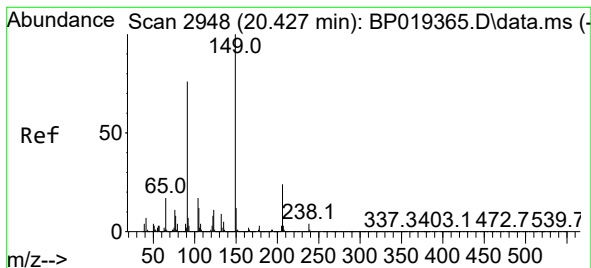
Ion Ratio Lower Upper

202 100

101 7.8 7.2 10.8

100 6.5 5.8 8.6





#83

Butylbenzylphthalate

Concen: 17.277 ng/ul

RT: 20.427 min Scan# 2948

Delta R.T. -0.006 min

Lab File: BP019382.D

Acq: 15 Jan 2024 21:46

Instrument :

BNA_P

ClientSampleId :

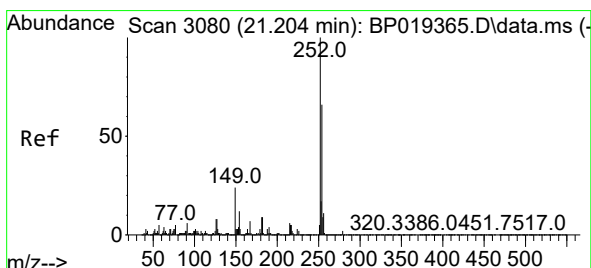
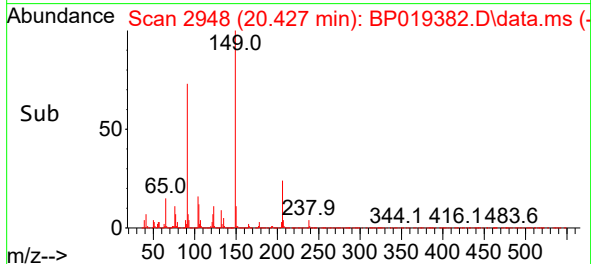
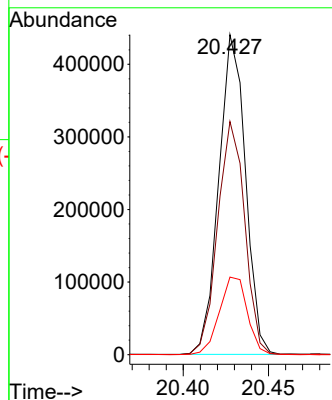
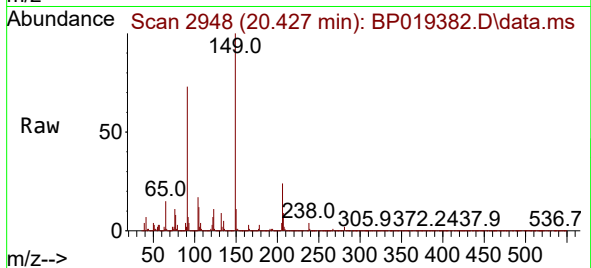
Tgt Ion:149 Resp: 479831

Ion Ratio Lower Upper

149 100

91 72.9 61.7 92.5

206 24.2 18.6 27.8



#84

3,3'-Dichlorobenzidine

Concen: 18.532 ng/ul

RT: 21.204 min Scan# 3080

Delta R.T. -0.006 min

Lab File: BP019382.D

Acq: 15 Jan 2024 21:46

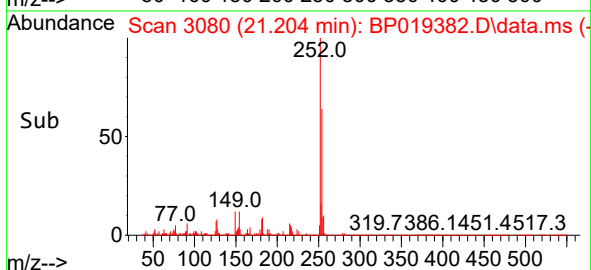
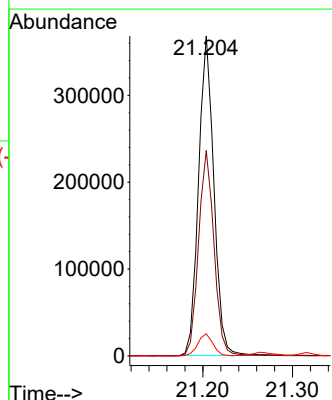
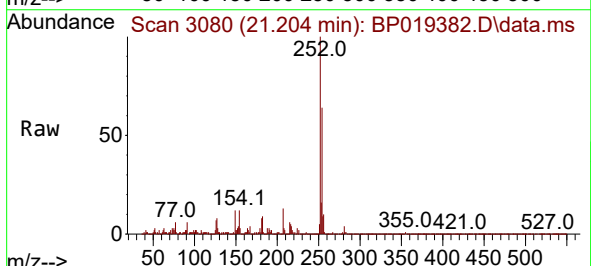
Tgt Ion:252 Resp: 435416

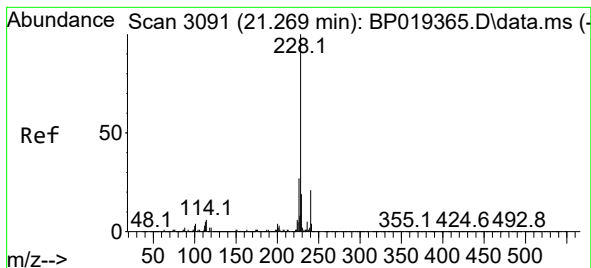
Ion Ratio Lower Upper

252 100

254 64.2 50.6 76.0

126 6.9 6.0 9.0





#85

Benzo(a)anthracene

Concen: 17.530 ng/ul

RT: 21.263 min Scan# 3091

Delta R.T. -0.006 min

Lab File: BP019382.D

Acq: 15 Jan 2024 21:46

Instrument :

BNA_P

ClientSampleId :

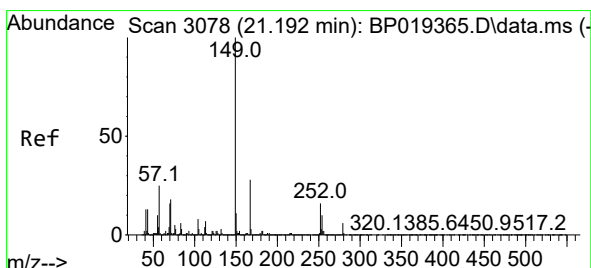
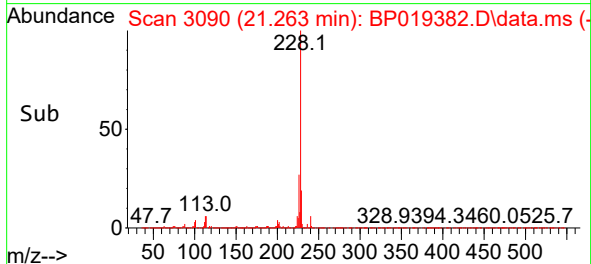
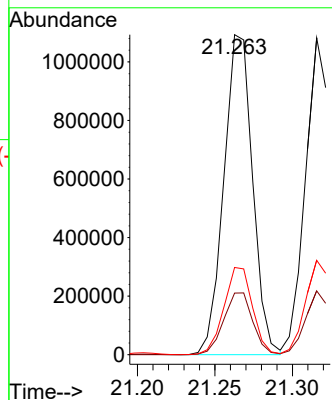
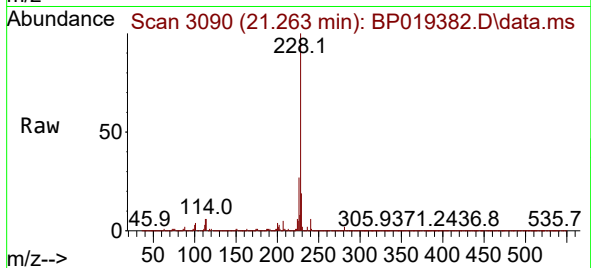
Tgt Ion:228 Resp: 1412128

Ion Ratio Lower Upper

228 100

229 19.2 15.8 23.6

226 27.2 21.6 32.4



#86

Bis(2-ethylhexyl)phthalate

Concen: 17.279 ng/ul

RT: 21.186 min Scan# 3077

Delta R.T. -0.012 min

Lab File: BP019382.D

Acq: 15 Jan 2024 21:46

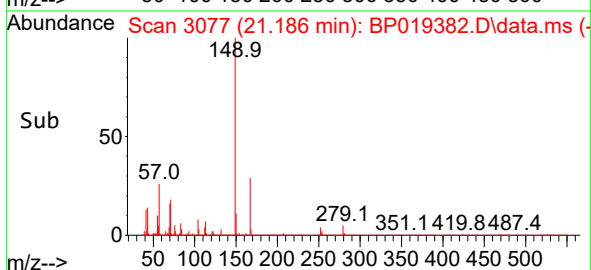
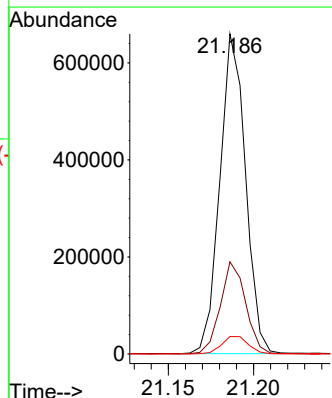
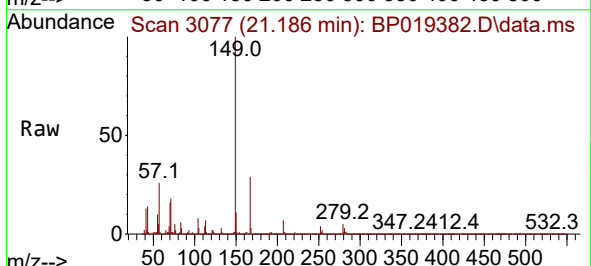
Tgt Ion:149 Resp: 688853

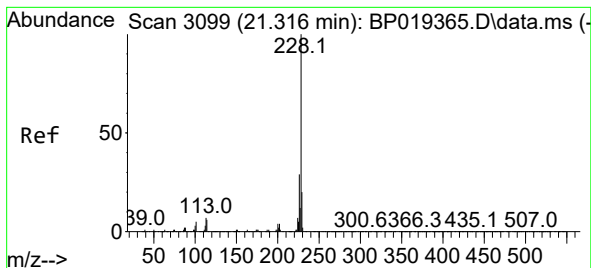
Ion Ratio Lower Upper

149 100

167 28.8 22.9 34.3

279 5.4 4.6 7.0





#87

Chrysene

Concen: 17.217 ng/ul

RT: 21.316 min Scan# 3099

Delta R.T. -0.006 min

Lab File: BP019382.D

Acq: 15 Jan 2024 21:46

Instrument :

BNA_P

ClientSampleId :

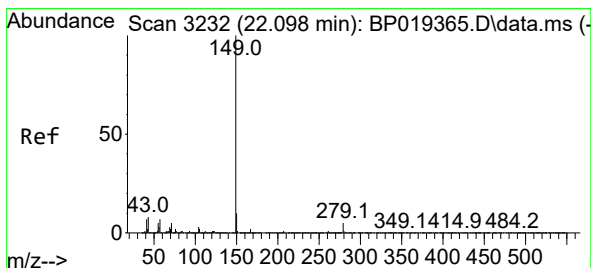
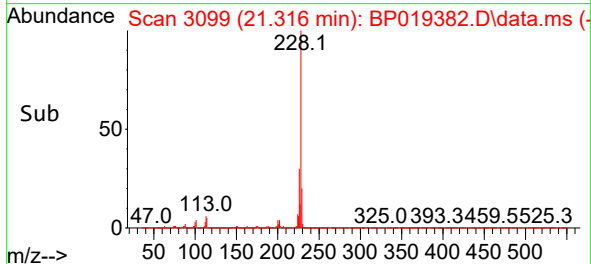
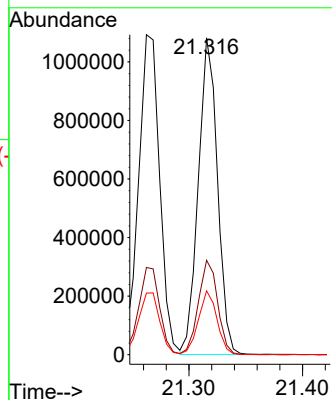
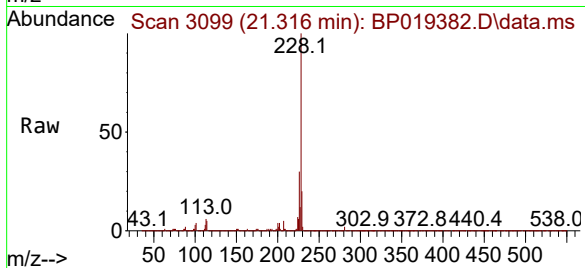
Tgt Ion:228 Resp: 1267783

Ion Ratio Lower Upper

228 100

226 29.8 23.9 35.9

229 20.2 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 15.842 ng/ul

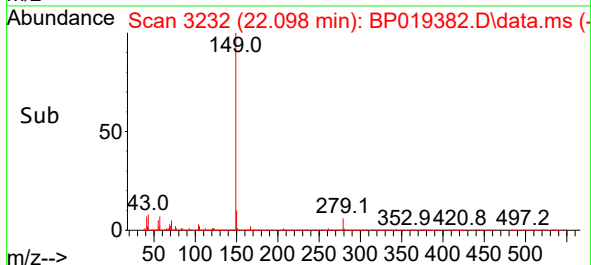
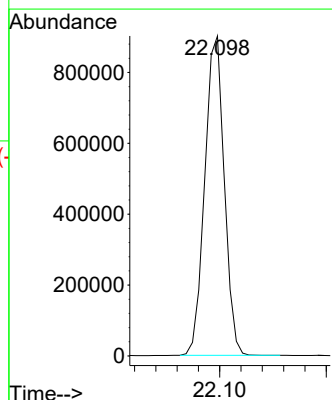
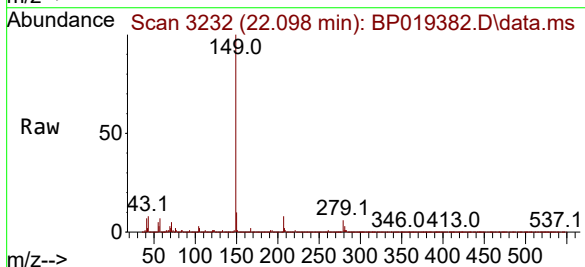
RT: 22.098 min Scan# 3232

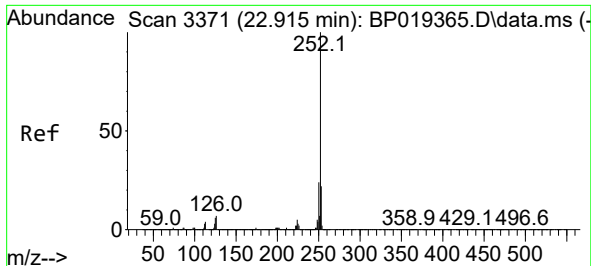
Delta R.T. -0.006 min

Lab File: BP019382.D

Acq: 15 Jan 2024 21:46

Tgt Ion:149 Resp: 1147146

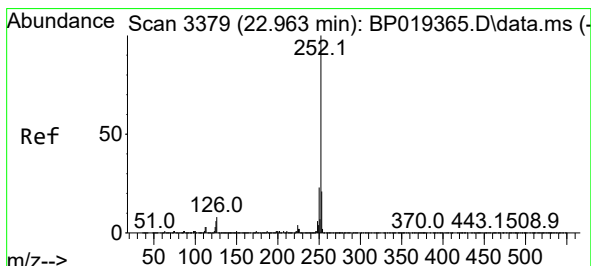
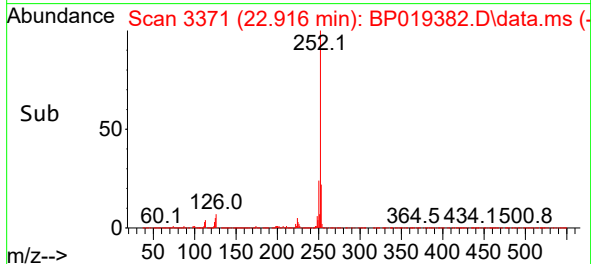
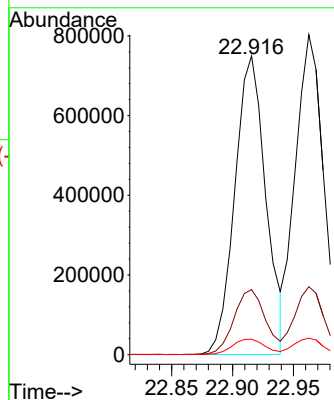
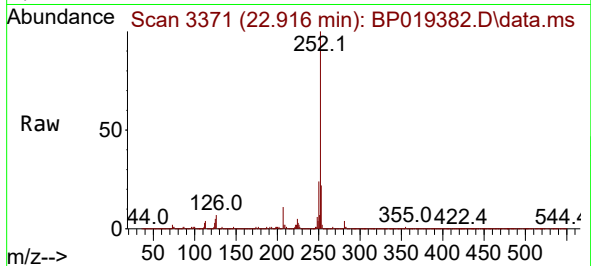




#90
Benzo(b)fluoranthene
Concen: 17.513 ng/ul
RT: 22.916 min Scan# 3371
Delta R.T. -0.006 min
Lab File: BP019382.D
Acq: 15 Jan 2024 21:46

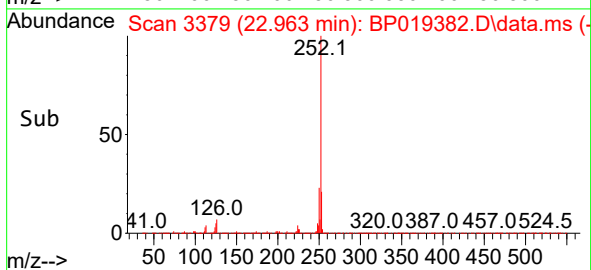
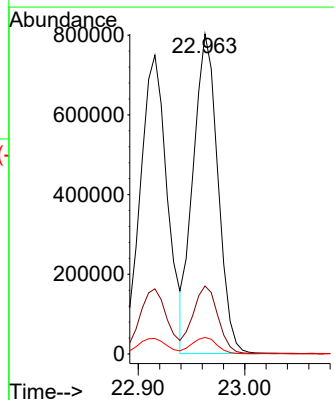
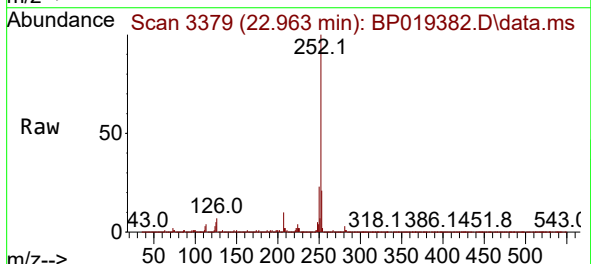
Instrument :
BNA_P
ClientSampleId :

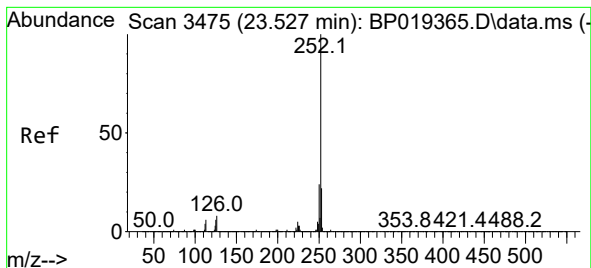
Tgt Ion:252 Resp: 1327763
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 5.2 4.9 7.3



#91
Benzo(k)fluoranthene
Concen: 17.571 ng/ul
RT: 22.963 min Scan# 3379
Delta R.T. -0.006 min
Lab File: BP019382.D
Acq: 15 Jan 2024 21:46

Tgt Ion:252 Resp: 1292341
Ion Ratio Lower Upper
252 100
253 21.2 17.3 25.9
125 5.1 4.8 7.2





#93

Benzo(a)pyrene

Concen: 17.582 ng/ul

RT: 23.527 min Scan# 3475

Delta R.T. -0.012 min

Lab File: BP019382.D

Acq: 15 Jan 2024 21:46

Instrument :

BNA_P

ClientSampleId :

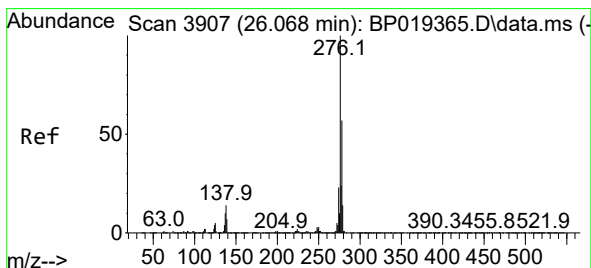
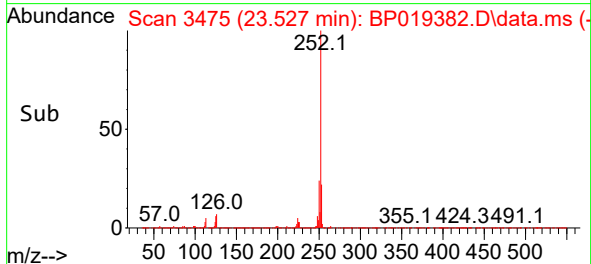
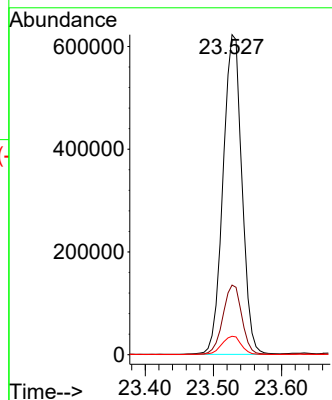
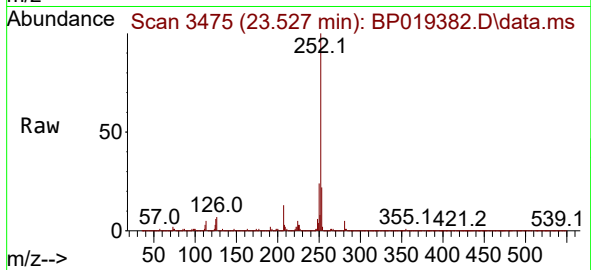
Tgt Ion:252 Resp: 1197813

Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 5.7 5.2 7.8



#94

Indeno(1,2,3-cd)pyrene

Concen: 16.683 ng/ul

RT: 26.068 min Scan# 3907

Delta R.T. -0.018 min

Lab File: BP019382.D

Acq: 15 Jan 2024 21:46

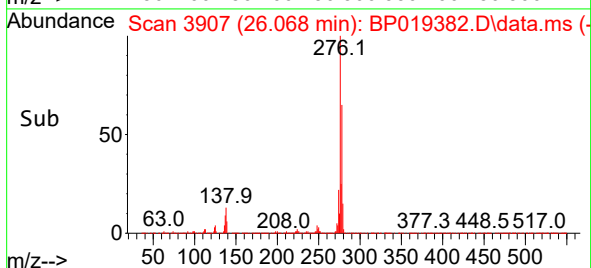
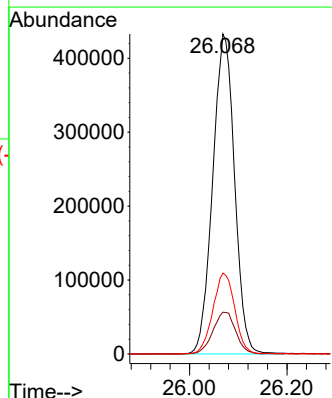
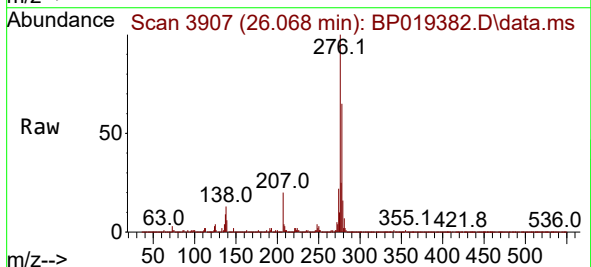
Tgt Ion:276 Resp: 1344145

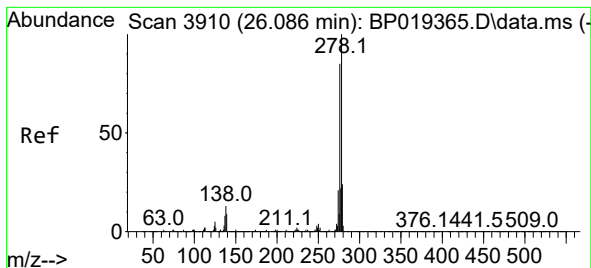
Ion Ratio Lower Upper

276 100

138 13.1 12.2 18.4

277 25.3 19.9 29.9





#95

Dibenzo(a,h)anthracene

Concen: 16.611 ng/ul

RT: 26.086 min Scan# 3910

Delta R.T. -0.012 min

Lab File: BP019382.D

Acq: 15 Jan 2024 21:46

Instrument :

BNA_P

ClientSampleId :

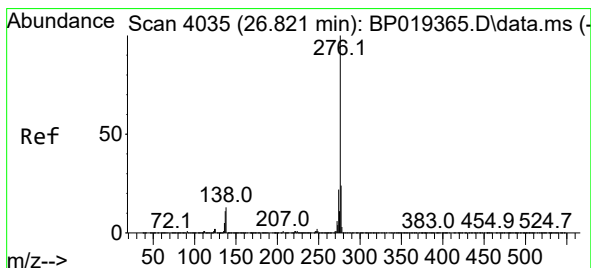
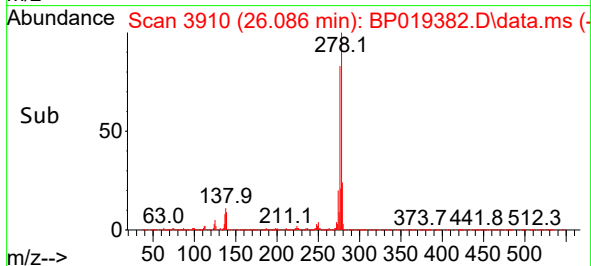
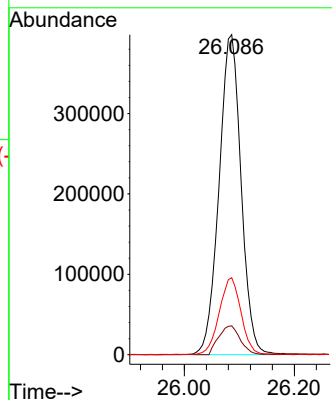
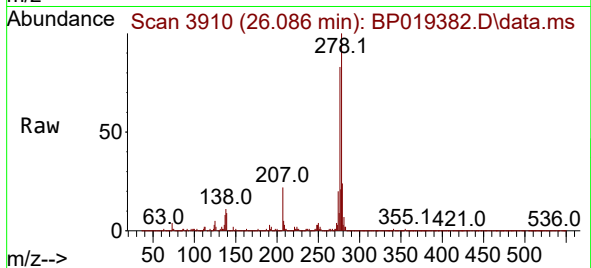
Tgt Ion:278 Resp: 1107944

Ion Ratio Lower Upper

278 100

139 9.0 7.4 11.2

279 24.0 18.7 28.1



#96

Benzo(g,h,i)perylene

Concen: 16.258 ng/ul

RT: 26.821 min Scan# 4035

Delta R.T. -0.012 min

Lab File: BP019382.D

Acq: 15 Jan 2024 21:46

Tgt Ion:276 Resp: 1051981

Ion Ratio Lower Upper

276 100

138 13.0 10.7 16.1

277 23.5 19.2 28.8

