

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011524\
 Data File : BP019381.D
 Acq On : 15 Jan 2024 20:38
 Operator : MA/JU
 Sample : PB158454BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jan 15 23:52:51 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	116406	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.569	136	478731	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.422	164	335296	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.175	188	831333	20.000	ng/ul	-0.01
79) Chrysene-d12	21.280	240	833976	20.000	ng/ul	0.00
88) Perylene-d12	23.633	264	847118	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	17973	5.838	ng/uL	0.00
4) Pyridine-d5	3.634	84	273623	30.738	ng/ul	0.00
7) Phenol-d5	6.964	99	366154	32.910	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.117	67	212545	31.939	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.311	132	260855	34.131	ng/ul	0.00
15) 4-Methylphenol-d8	8.505	113	297952	33.756	ng/ul	-0.01
21) Nitrobenzene-d5	8.946	128	138005	34.265	ng/ul	0.00
24) 2-Nitrophenol-d4	9.663	143	166707	35.624	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.205	165	334178	35.347	ng/ul	0.00
31) 4-Chloroaniline-d4	10.722	131	350450	29.345	ng/ul	0.00
46) Dimethylphthalate-d6	13.840	166	997403	33.671	ng/ul	0.00
49) Acenaphthylene-d8	14.110	160	1063664	33.497	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.663	143	157440	34.611	ng/ul	0.00
60) Fluorene-d10	15.416	176	857082	35.340	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.557	200	214464	34.943	ng/ul	0.00
73) Anthracene-d10	17.275	188	1423330	34.328	ng/ul	-0.01
81) Pyrene-d10	19.522	212	1807195	33.232	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.486	264	1643493	35.680	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.252	88	36630	11.488	ng/uL	99
5) Pyridine	3.652	79	271616	30.037	ng/ul	93
6) Benzaldehyde	6.922	77	209258	43.142	ng/ul	97
8) Phenol	6.993	94	373181	33.294	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.211	93	290371	32.297	ng/ul	100
12) 2-Chlorophenol	7.340	128	270515	34.245	ng/ul	99
13) 2-Methylphenol	8.240	108	281275	33.457	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.305	45	346063	32.348	ng/ul	99
16) Acetophenone	8.611	105	478686	34.046	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.593	70	253177	34.561	ng/ul	98
18) 4-Methylphenol	8.569	108	305472	34.131	ng/ul	99
19) Hexachloroethane	8.840	117	118857	33.312	ng/ul	97
22) Nitrobenzene	8.987	77	388008	34.438	ng/ul	98
23) Isophorone	9.516	82	734559	33.630	ng/ul	99
25) 2-Nitrophenol	9.693	139	172481	35.088	ng/ul	94
26) 2,4-Dimethylphenol	9.763	107	349324	32.959	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.993	93	411198	32.732	ng/ul	99
29) 2,4-Dichlorophenol	10.228	162	321483	35.284	ng/ul	98
30) Naphthalene	10.622	128	896954	33.250	ng/ul	99
32) 4-Chloroaniline	10.746	127	309677	26.505	ng/ul	98
33) Hexachlorobutadiene	10.893	225	267446	34.022	ng/ul	98
34) Caprolactam	11.552	113	72874	25.504	ng/ul	99
35) 4-Chloro-3-methylphenol	11.887	107	353930	34.989	ng/ul	97
36) 2-Methylnaphthalene	12.234	142	621625	31.671	ng/ul	99

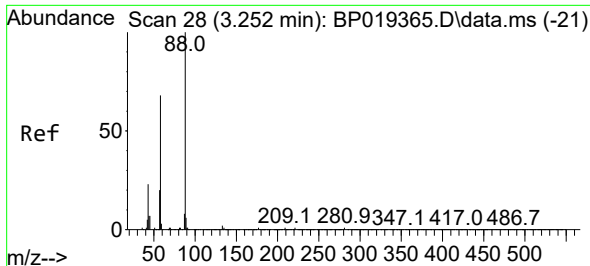
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011524\
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 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 09 03:05:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.457	142	611133	31.824	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.604	216	470999	32.416	ng/ul	99
40) Hexachlorocyclopentadiene	12.575	237	271632	29.128	ng/ul	99
41) 2,4,6-Trichlorophenol	12.857	196	297327	33.252	ng/ul	99
42) 2,4,5-Trichlorophenol	12.934	196	323499	33.760	ng/ul	99
43) 1,1'-Biphenyl	13.252	154	883177	31.885	ng/ul	100
44) 2-Chloronaphthalene	13.293	162	727179	32.463	ng/ul	99
45) 2-Nitroaniline	13.516	65	236300	36.778	ng/ul	98
47) Dimethylphthalate	13.887	163	991920	33.693	ng/ul	99
48) 2,6-Dinitrotoluene	14.016	165	210492	36.157	ng/ul	98
50) Acenaphthylene	14.140	152	1155896	33.235	ng/ul	99
51) 3-Nitroaniline	14.346	138	177255	34.907	ng/ul	99
52) Acenaphthene	14.487	153	760403	33.368	ng/ul	99
53) 2,4-Dinitrophenol	14.563	184	124880	32.715	ng/ul	93
55) 4-Nitrophenol	14.681	109	175602	35.748	ng/ul	94
56) Dibenzofuran	14.822	168	1125247	34.489	ng/ul	99
57) 2,4-Dinitrotoluene	14.810	165	313557	38.388	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.057	232	312611	36.749	ng/ul	98
59) Diethylphthalate	15.251	149	990041	35.936	ng/ul	99
61) Fluorene	15.475	166	951064	35.589	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.469	204	569555	35.715	ng/ul	99
63) 4-Nitroaniline	15.516	138	186007	47.250	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.575	198	217236	33.394	ng/ul#	97
67) N-Nitrosodiphenylamine	15.687	169	813436	33.192	ng/ul	98
68) 4-Bromophenyl-phenylether	16.363	248	390788	34.414	ng/ul	97
69) Hexachlorobenzene	16.475	284	453961	34.689	ng/ul	97
70) Atrazine	16.651	200	313266	29.325	ng/ul	99
71) Pentachlorophenol	16.834	266	277680	34.164	ng/ul	99
72) Phenanthrene	17.222	178	1588114	34.008	ng/ul	99
74) Anthracene	17.310	178	1610213	34.014	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.216	216	475545	30.894	ng/ul	99
76) Pentachlorobenzene	14.740	250	495874	33.163	ng/ul	98
77) Carbazole	17.592	167	1392080	34.565	ng/ul	99
78) Di-n-butylphthalate	18.139	149	1696502	35.199	ng/ul	99
80) Fluoranthene	19.198	202	2088235	32.487	ng/ul	98
82) Pyrene	19.551	202	2127736	32.613	ng/ul	99
83) Butylbenzylphthalate	20.428	149	771496	34.467	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.204	252	700608	36.999	ng/ul	99
85) Benzo(a)anthracene	21.269	228	2211921	34.071	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.192	149	1109303	34.526	ng/ul	99
87) Chrysene	21.316	228	2028429	34.180	ng/ul	99
89) Di-n-octyl phthalate	22.098	149	1873291	32.399	ng/ul	100
90) Benzo(b)fluoranthene	22.916	252	2063123	34.080	ng/ul	99
91) Benzo(k)fluoranthene	22.963	252	2058438	35.050	ng/ul	99
93) Benzo(a)pyrene	23.533	252	1892513	34.790	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.080	276	2108957	32.782	ng/ul	98
95) Dibenzo(a,h)anthracene	26.092	278	1755026	32.954	ng/ul	99
96) Benzo(g,h,i)perylene	26.821	276	1641114	31.764	ng/ul	98

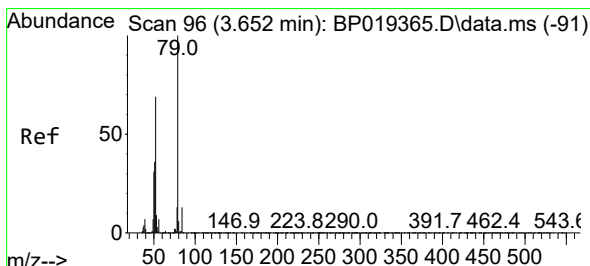
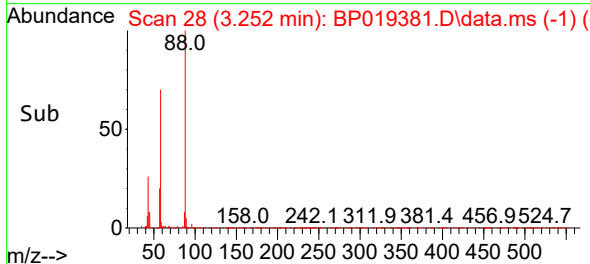
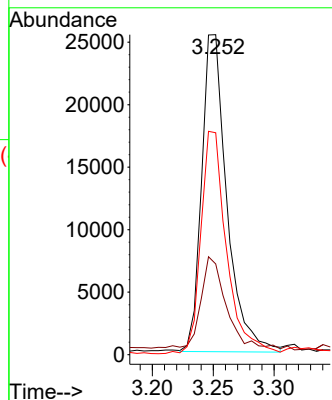
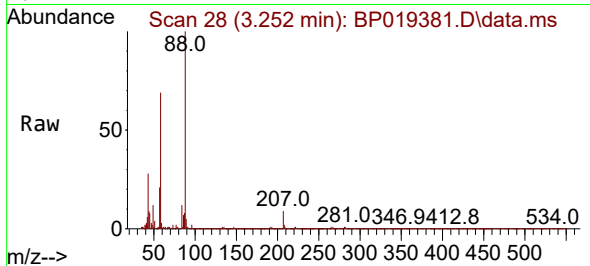
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#2
1,4-Dioxane
Concen: 11.488 ng/uL
RT: 3.252 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019381.D
Acq: 15 Jan 2024 20:38

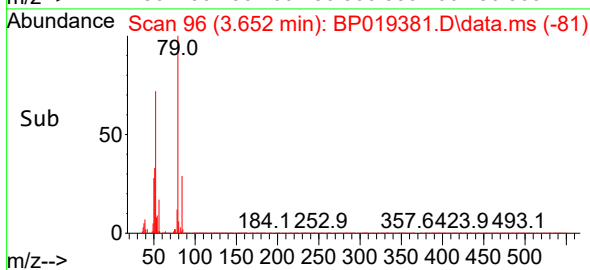
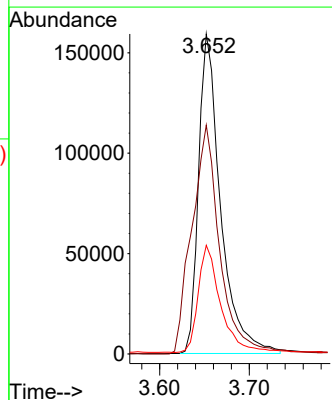
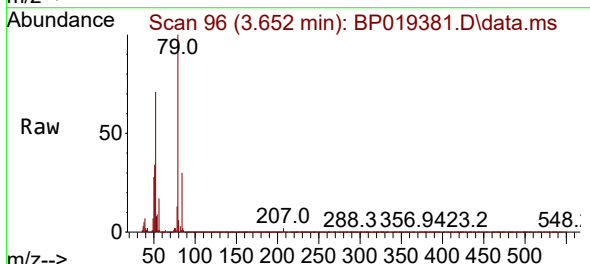
Instrument :
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ClientSampleId :

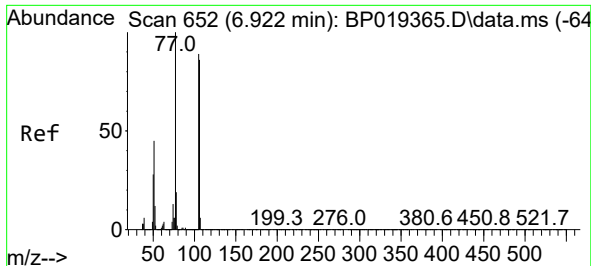
Tgt Ion:	88	Resp:	36630
Ion	Ratio	Lower	Upper
88	100		
43	28.4	22.0	33.0
58	69.4	54.6	82.0



#5
Pyridine
Concen: 30.037 ng/uL
RT: 3.652 min Scan# 96
Delta R.T. -0.012 min
Lab File: BP019381.D
Acq: 15 Jan 2024 20:38

Tgt Ion:	79	Resp:	271616
Ion	Ratio	Lower	Upper
79	100		
52	71.5	50.7	76.1
51	34.0	26.8	40.2

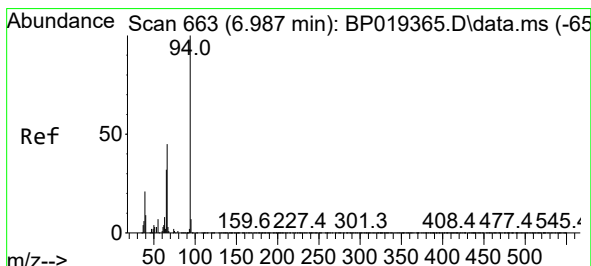
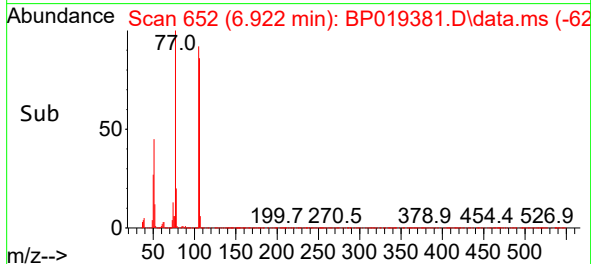
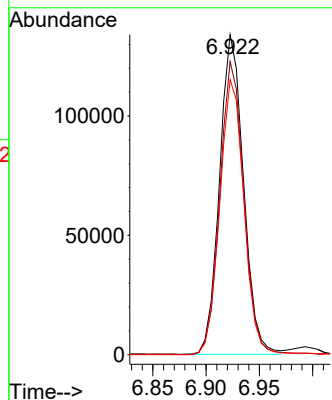
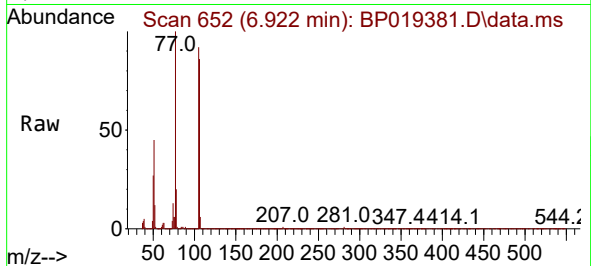




#6
Benzaldehyde
Concen: 43.142 ng/ul
RT: 6.922 min Scan# 652
Delta R.T. -0.012 min
Lab File: BP019381.D
Acq: 15 Jan 2024 20:38

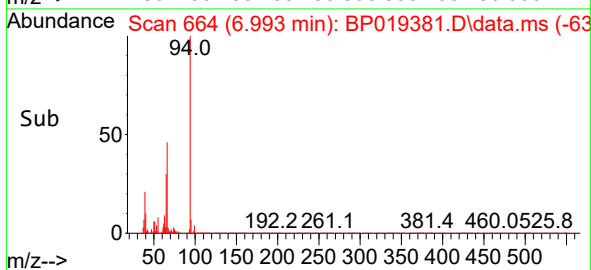
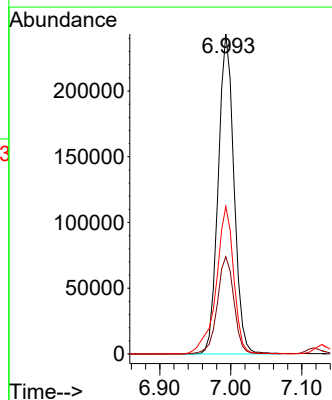
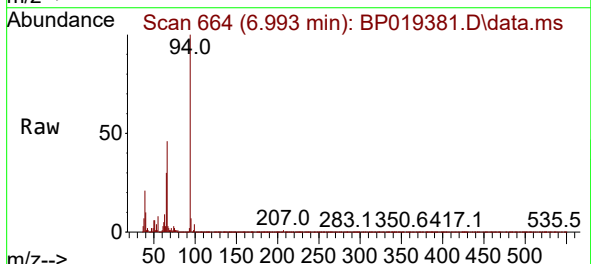
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ClientSampleId :

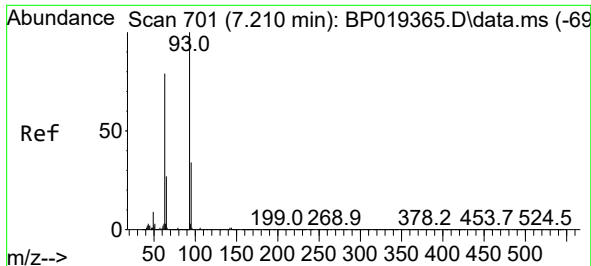
Tgt Ion: 77 Resp: 209258
Ion Ratio Lower Upper
77 100
105 91.6 75.3 112.9
106 85.9 71.5 107.3



#8
Phenol
Concen: 33.294 ng/ul
RT: 6.993 min Scan# 664
Delta R.T. -0.006 min
Lab File: BP019381.D
Acq: 15 Jan 2024 20:38

Tgt Ion: 94 Resp: 373181
Ion Ratio Lower Upper
94 100
65 30.4 25.3 37.9
66 46.1 36.8 55.2

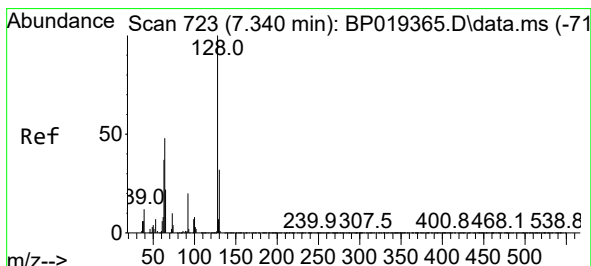
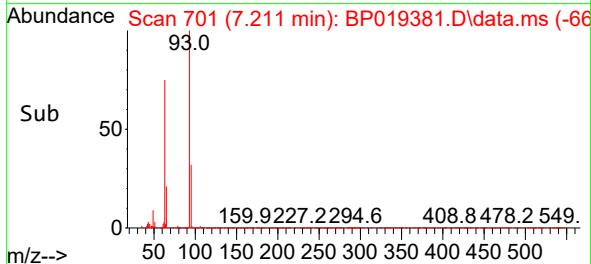
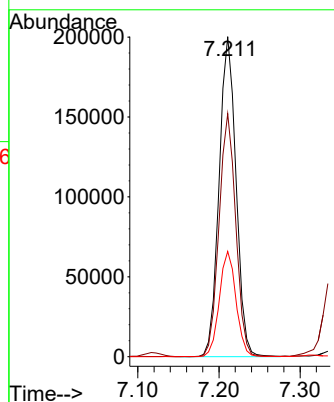
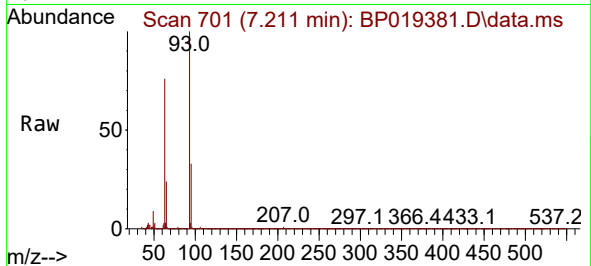




#10
Bis(2-Chloroethyl)ether
Concen: 32.297 ng/ul
RT: 7.211 min Scan# 701
Delta R.T. -0.006 min
Lab File: BP019381.D
Acq: 15 Jan 2024 20:38

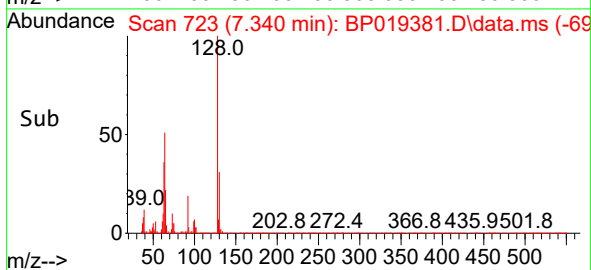
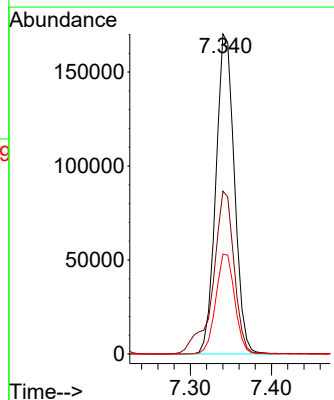
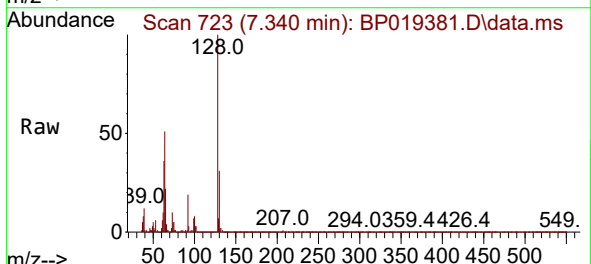
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ClientSampleId :

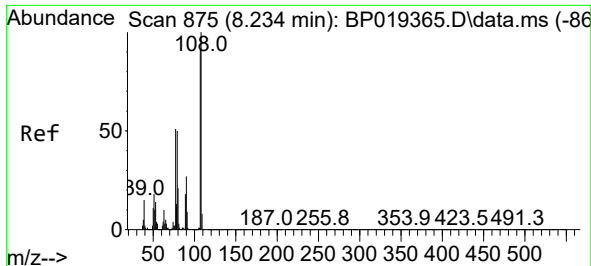
Tgt Ion: 93 Resp: 290371
Ion Ratio Lower Upper
93 100
63 75.9 60.7 91.1
95 32.9 26.2 39.2



#12
2-Chlorophenol
Concen: 34.245 ng/ul
RT: 7.340 min Scan# 723
Delta R.T. -0.012 min
Lab File: BP019381.D
Acq: 15 Jan 2024 20:38

Tgt Ion:128 Resp: 270515
Ion Ratio Lower Upper
128 100
64 50.9 41.3 61.9
130 31.2 25.9 38.9





#13

2-Methylphenol

Concen: 33.457 ng/ul

RT: 8.240 min Scan# 81

Delta R.T. -0.006 min

Lab File: BP019381.D

Acq: 15 Jan 2024 20:38

Instrument :

BNA_P

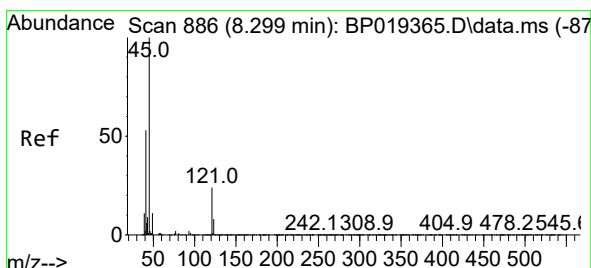
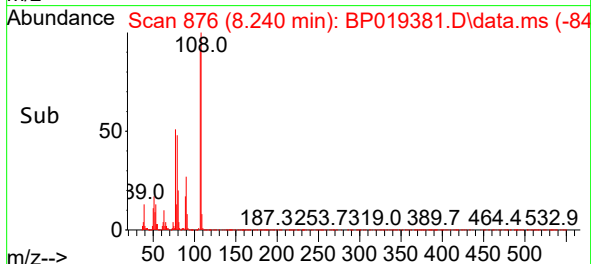
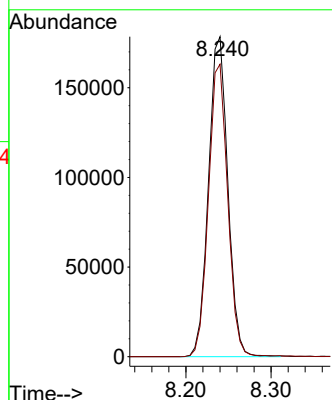
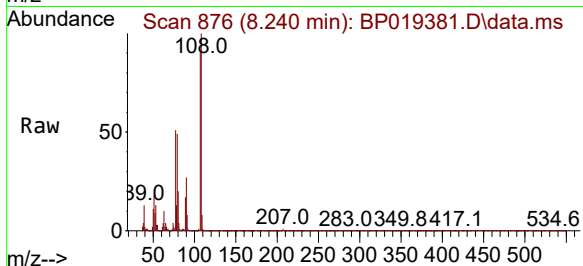
ClientSampleId :

Tgt Ion:108 Resp: 281275

Ion Ratio Lower Upper

108 100

107 91.4 71.9 107.9



#14

2,2'-oxybis(1-Chloropropane)

Concen: 32.348 ng/ul

RT: 8.305 min Scan# 887

Delta R.T. -0.006 min

Lab File: BP019381.D

Acq: 15 Jan 2024 20:38

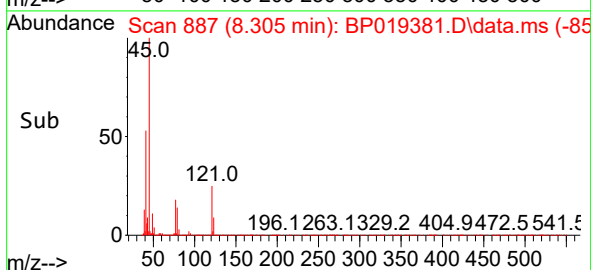
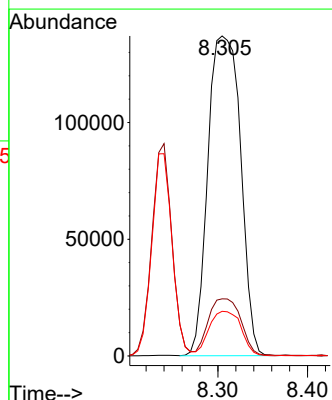
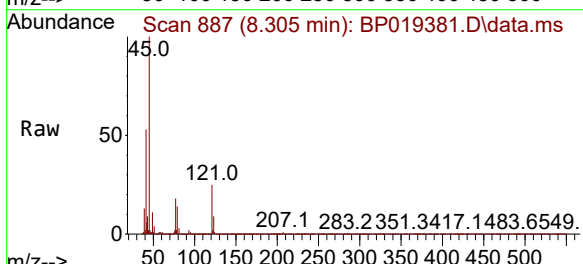
Tgt Ion: 45 Resp: 346063

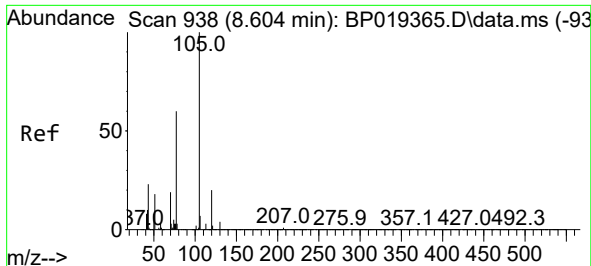
Ion Ratio Lower Upper

45 100

77 17.9 14.2 21.4

79 13.9 10.5 15.7

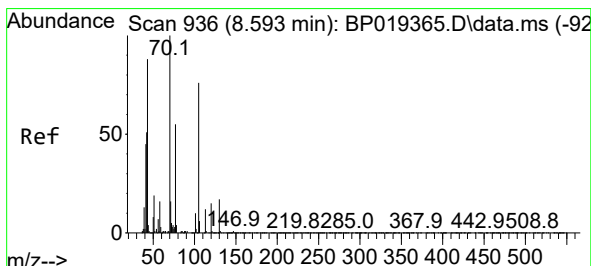
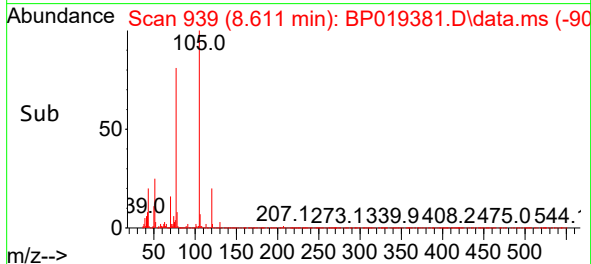
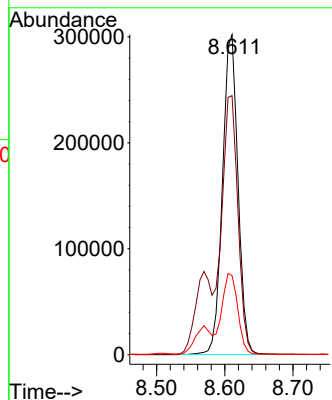
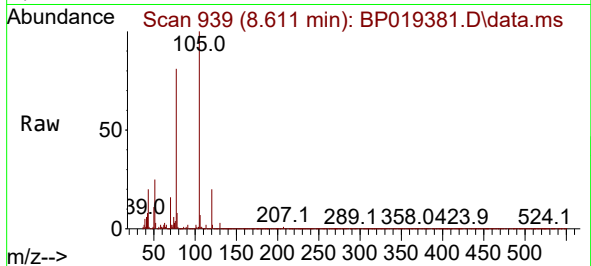




#16
Acetophenone
Concen: 34.046 ng/ul
RT: 8.611 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP019381.D
Acq: 15 Jan 2024 20:38

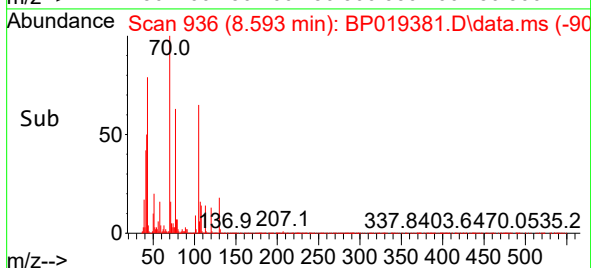
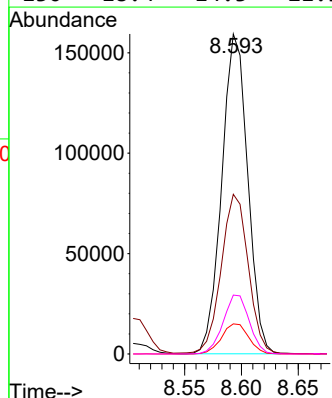
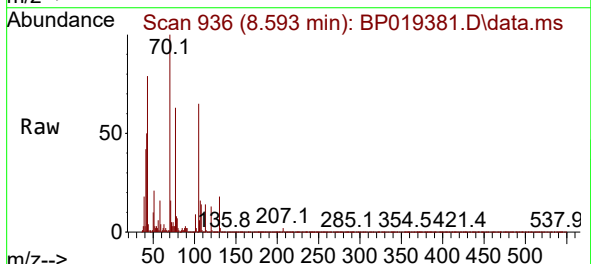
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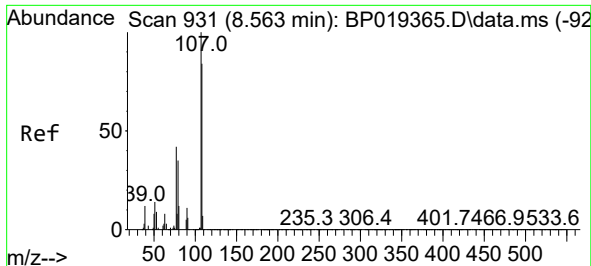
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Ion Ratio Lower Upper
105 100
77 81.0 66.1 99.1
51 24.8 20.9 31.3



#17
N-Nitroso-di-n-propylamine
Concen: 34.561 ng/ul
RT: 8.593 min Scan# 936
Delta R.T. -0.006 min
Lab File: BP019381.D
Acq: 15 Jan 2024 20:38

Tgt Ion: 70 Resp: 253177
Ion Ratio Lower Upper
70 100
42 49.9 38.5 57.7
101 9.4 7.9 11.9
130 18.4 14.3 21.5

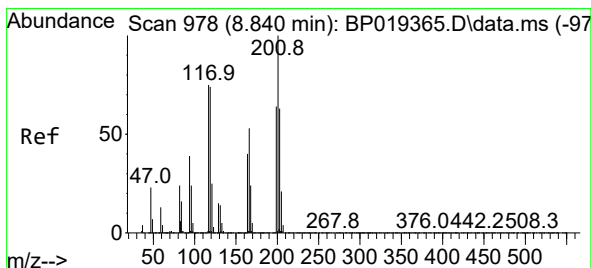
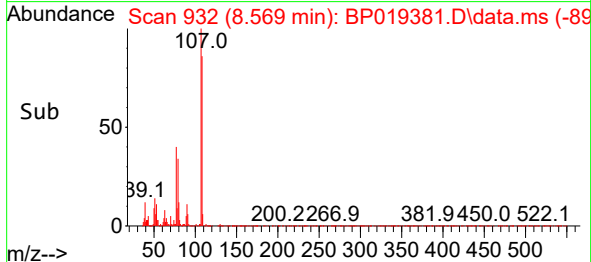
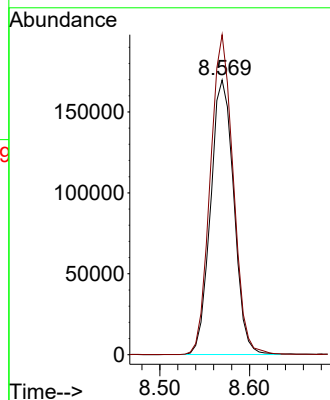
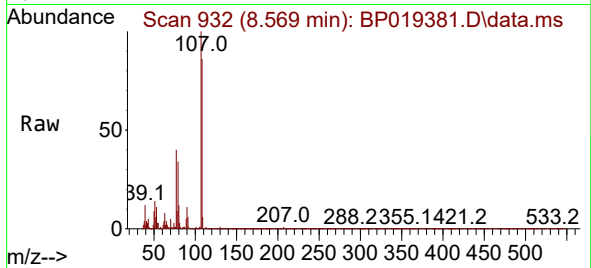




#18
4-Methylphenol
Concen: 34.131 ng/ul
RT: 8.569 min Scan# 911
Delta R.T. -0.006 min
Lab File: BP019381.D
Acq: 15 Jan 2024 20:38

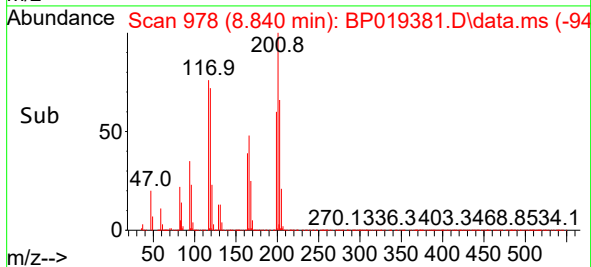
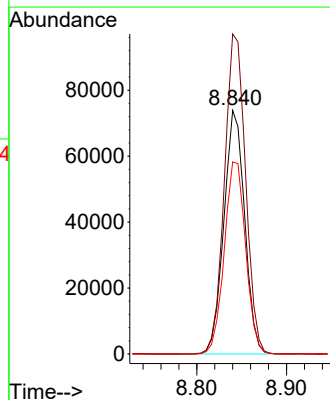
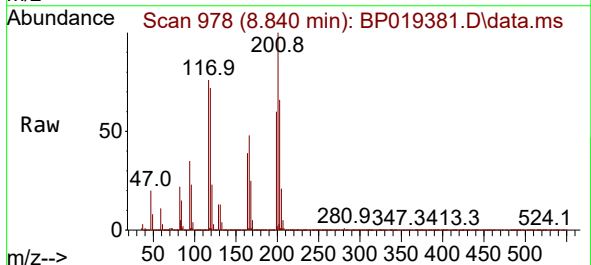
Instrument :
BNA_P
ClientSampleId :

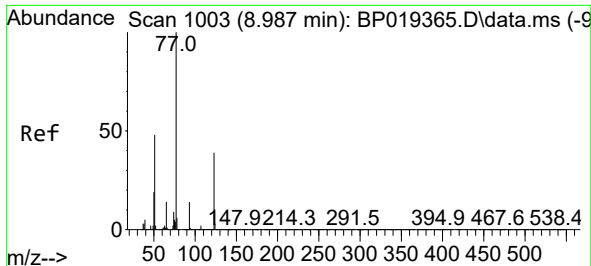
Tgt Ion:108 Resp: 305472
Ion Ratio Lower Upper
108 100
107 116.5 92.6 139.0



#19
Hexachloroethane
Concen: 33.312 ng/ul
RT: 8.840 min Scan# 978
Delta R.T. -0.012 min
Lab File: BP019381.D
Acq: 15 Jan 2024 20:38

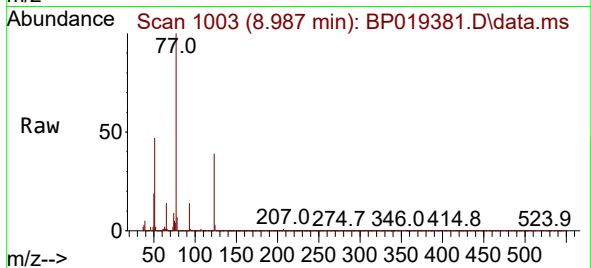
Tgt Ion:117 Resp: 118857
Ion Ratio Lower Upper
117 100
201 131.4 101.8 152.6
199 78.8 62.6 93.8



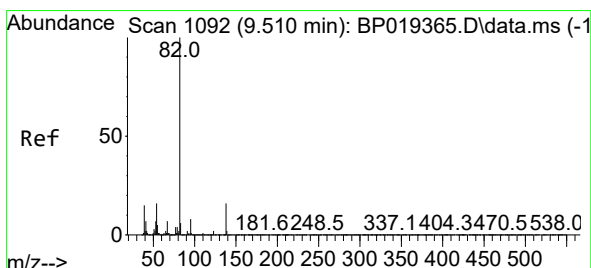
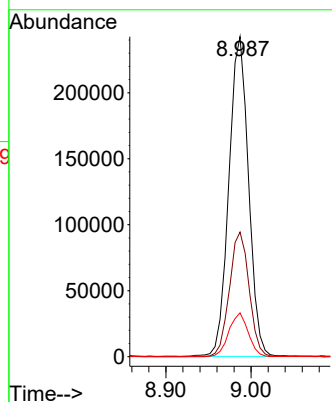
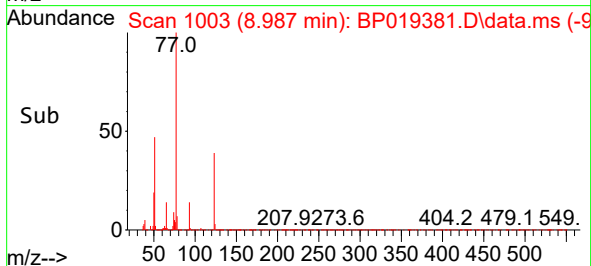


#22
Nitrobenzene
Concen: 34.438 ng/ul
RT: 8.987 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BP019381.D
Acq: 15 Jan 2024 20:38

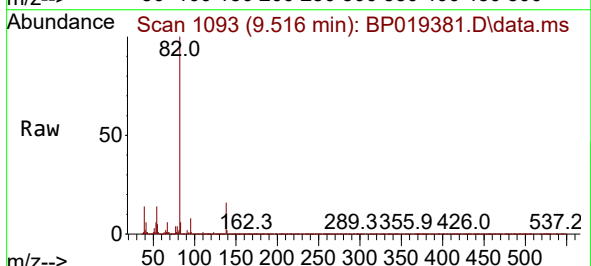
Instrument :
BNA_P
ClientSampleId :



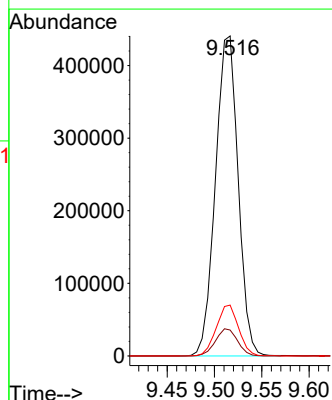
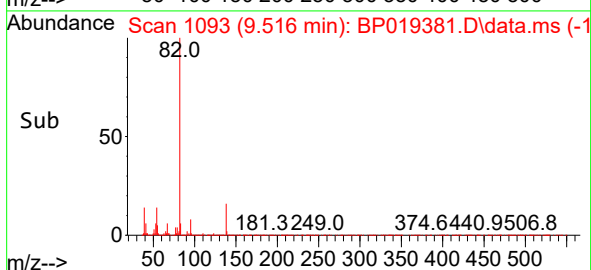
Tgt Ion: 77 Resp: 388008
Ion Ratio Lower Upper
77 100
123 38.9 30.0 45.0
65 13.7 10.5 15.7

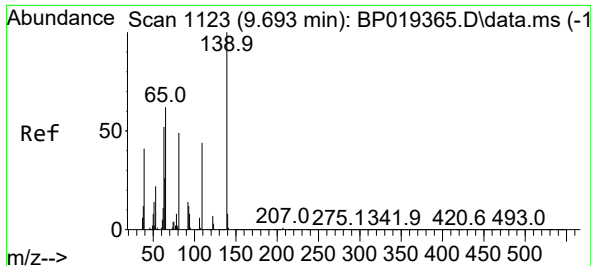


#23
Isophorone
Concen: 33.630 ng/ul
RT: 9.516 min Scan# 1093
Delta R.T. -0.006 min
Lab File: BP019381.D
Acq: 15 Jan 2024 20:38



Tgt Ion: 82 Resp: 734559
Ion Ratio Lower Upper
82 100
95 8.1 6.6 10.0
138 15.9 13.0 19.4

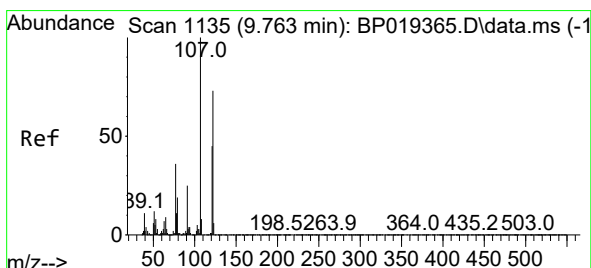
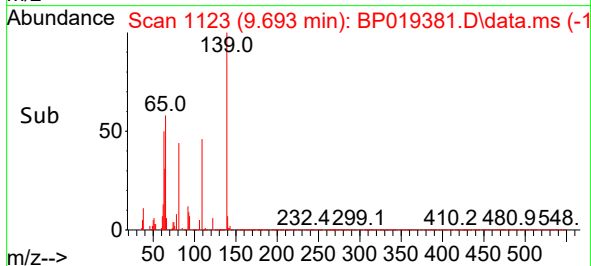
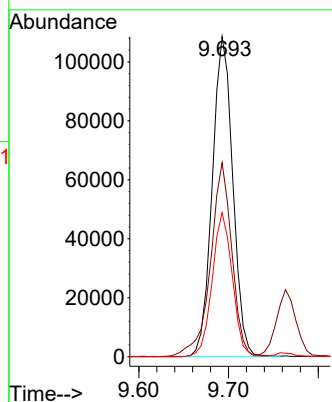
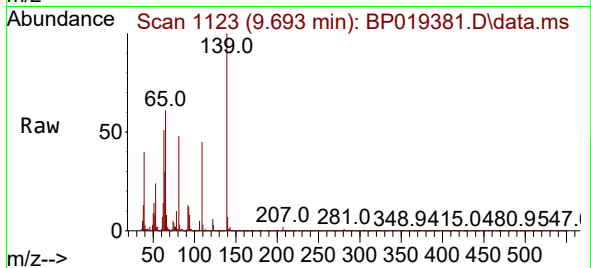




#25
2-Nitrophenol
Concen: 35.088 ng/ul
RT: 9.693 min Scan# 1123
Delta R.T. -0.012 min
Lab File: BP019381.D
Acq: 15 Jan 2024 20:38

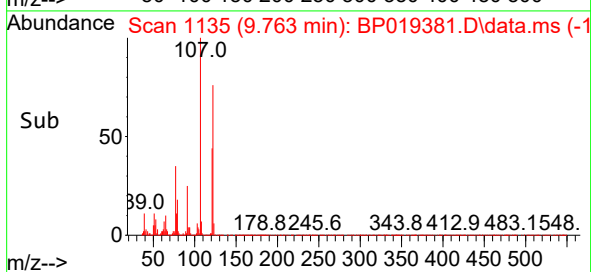
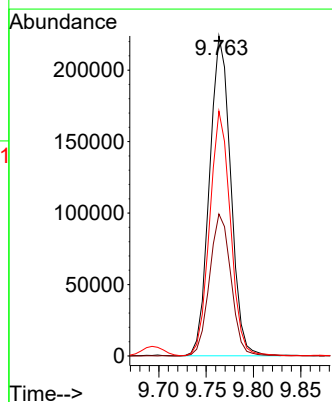
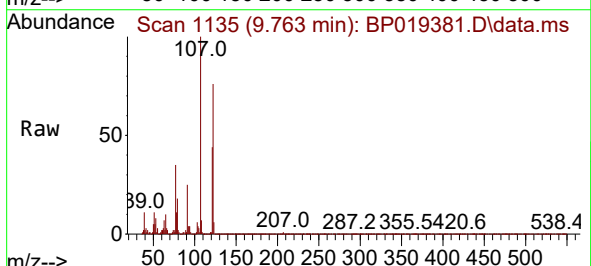
Instrument :
BNA_P
ClientSampleId :

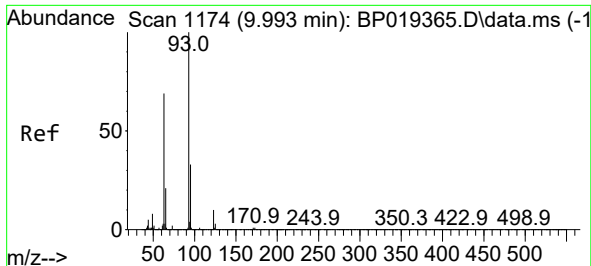
Tgt Ion:139 Resp: 172481
Ion Ratio Lower Upper
139 100
65 60.6 45.6 68.4
109 45.0 32.6 49.0



#26
2,4-Dimethylphenol
Concen: 32.959 ng/ul
RT: 9.763 min Scan# 1135
Delta R.T. -0.012 min
Lab File: BP019381.D
Acq: 15 Jan 2024 20:38

Tgt Ion:107 Resp: 349324
Ion Ratio Lower Upper
107 100
121 44.3 35.3 52.9
122 76.5 60.6 91.0

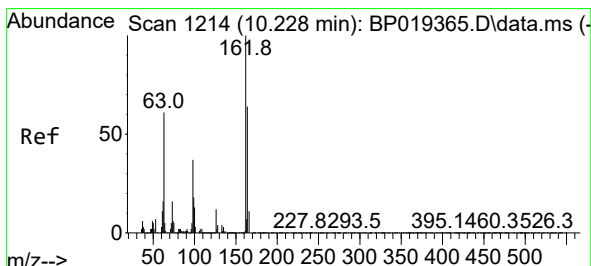
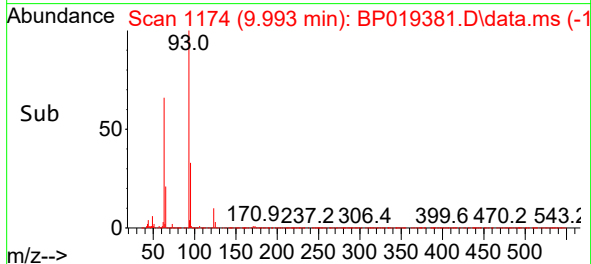
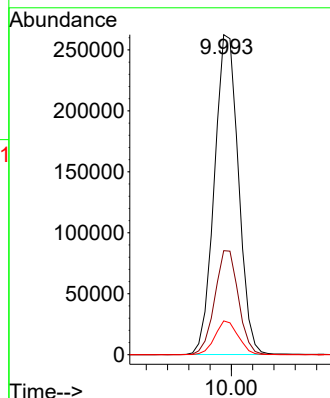
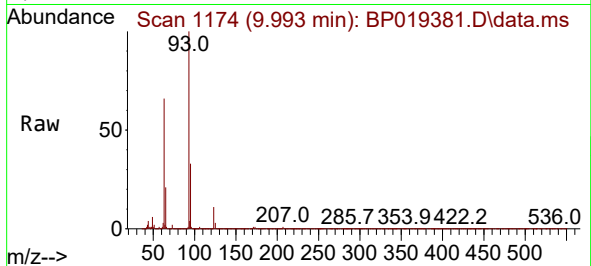




#27
 Bis(2-Chloroethoxy)methane
 Concen: 32.732 ng/ul
 RT: 9.993 min Scan# 1174
 Delta R.T. -0.012 min
 Lab File: BP019381.D
 Acq: 15 Jan 2024 20:38

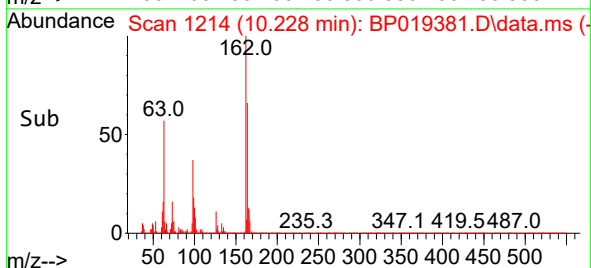
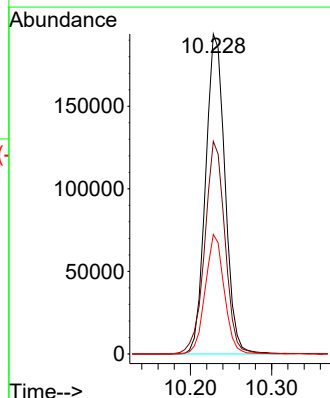
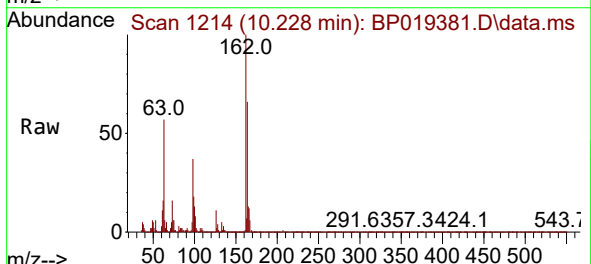
Instrument :
 BNA_P
 ClientSampleId :

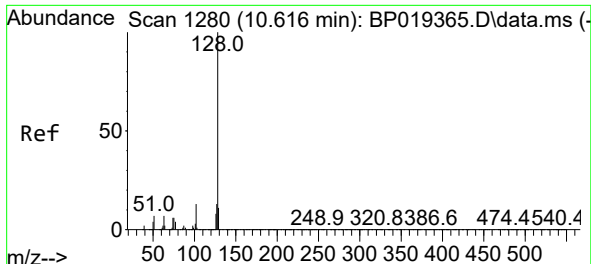
Tgt Ion: 93 Resp: 411198
 Ion Ratio Lower Upper
 93 100
 95 32.5 25.9 38.9
 123 10.6 7.9 11.9



#29
 2,4-Dichlorophenol
 Concen: 35.284 ng/ul
 RT: 10.228 min Scan# 1214
 Delta R.T. -0.012 min
 Lab File: BP019381.D
 Acq: 15 Jan 2024 20:38

Tgt Ion: 162 Resp: 321483
 Ion Ratio Lower Upper
 162 100
 164 66.4 52.3 78.5
 98 37.4 28.3 42.5

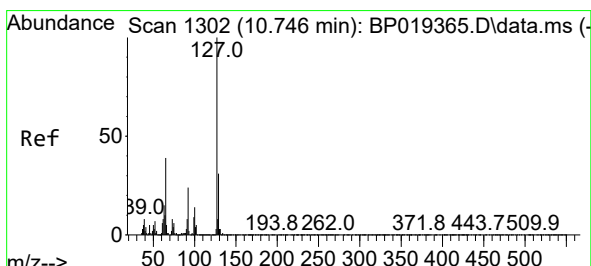
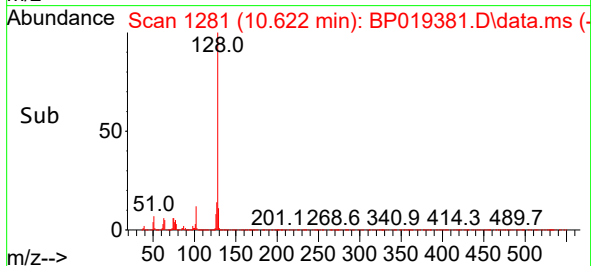
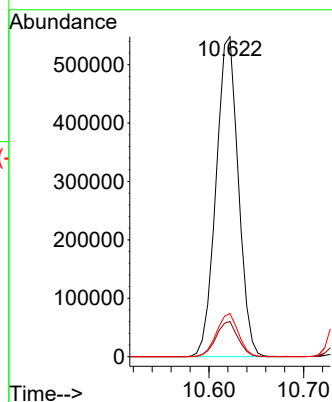
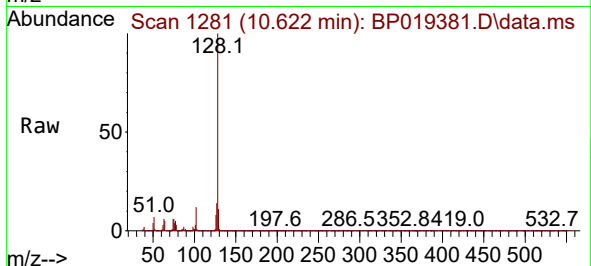




#30
Naphthalene
Concen: 33.250 ng/ul
RT: 10.622 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BP019381.D
Acq: 15 Jan 2024 20:38

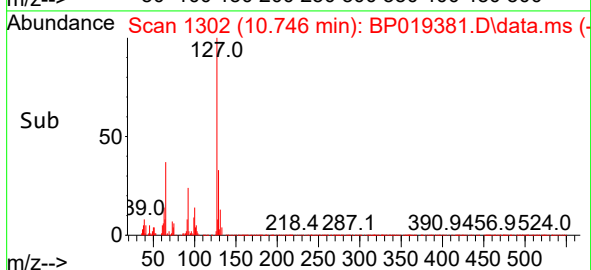
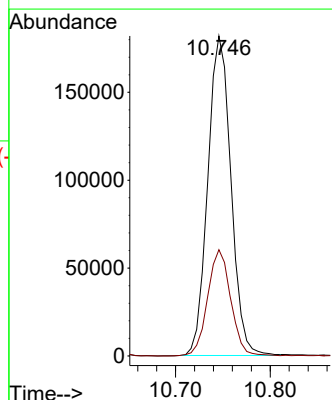
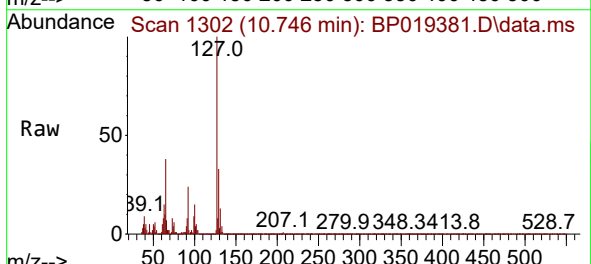
Instrument :
BNA_P
ClientSampleId :

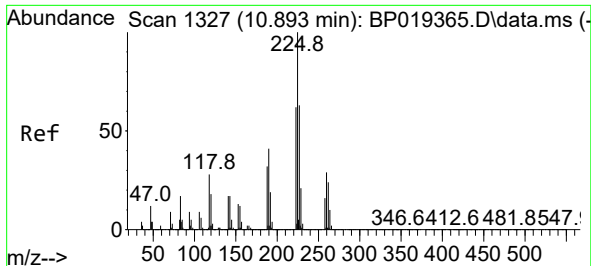
Tgt Ion:128 Resp: 896954
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 13.5 10.6 15.8



#32
4-Chloroaniline
Concen: 26.505 ng/ul
RT: 10.746 min Scan# 1302
Delta R.T. -0.012 min
Lab File: BP019381.D
Acq: 15 Jan 2024 20:38

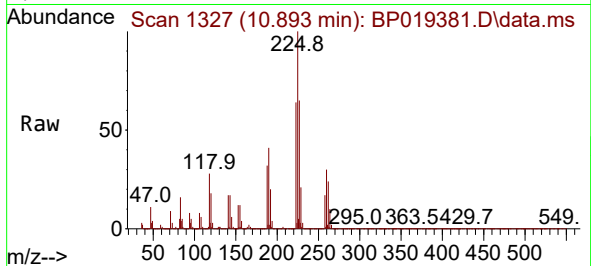
Tgt Ion:127 Resp: 309677
Ion Ratio Lower Upper
127 100
129 33.2 25.8 38.8



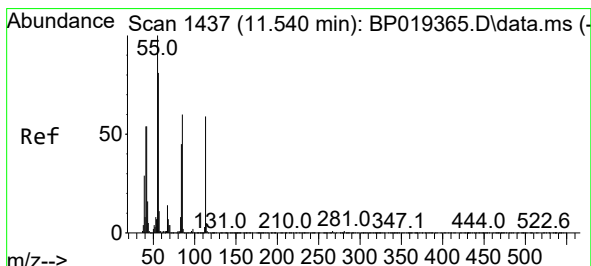
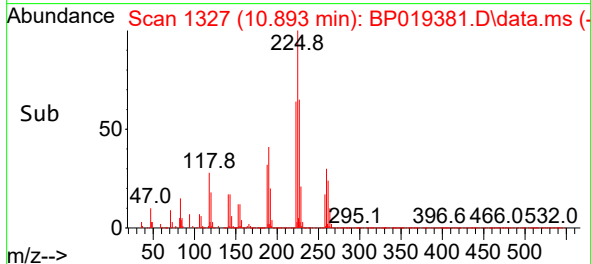
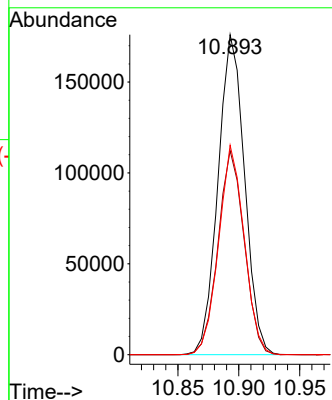


#33
Hexachlorobutadiene
Concen: 34.022 ng/ul
RT: 10.893 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP019381.D
Acq: 15 Jan 2024 20:38

Instrument :
BNA_P
ClientSampleId :

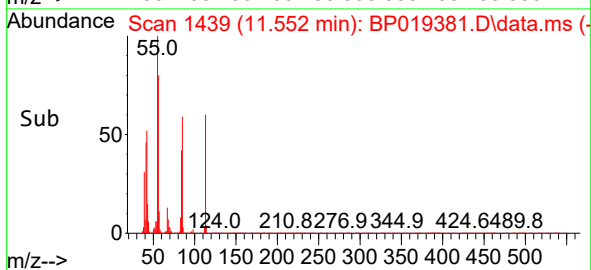
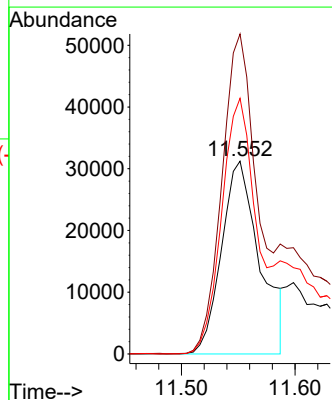
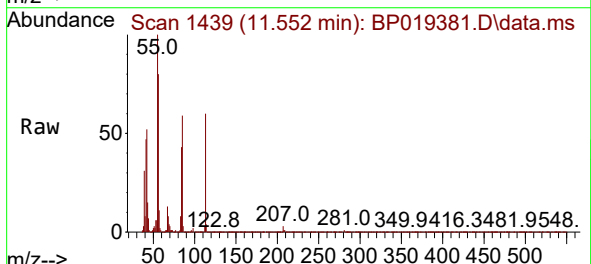


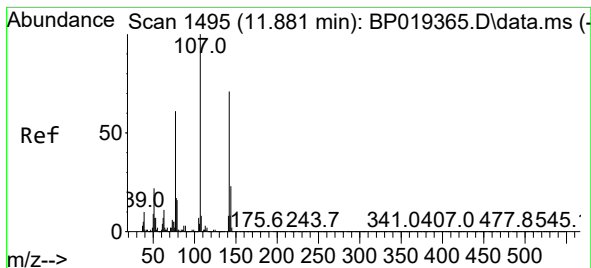
Tgt Ion:225 Resp: 267446
Ion Ratio Lower Upper
225 100
223 63.7 49.9 74.9
227 65.4 51.0 76.6



#34
Caprolactam
Concen: 25.504 ng/ul
RT: 11.552 min Scan# 1439
Delta R.T. 0.006 min
Lab File: BP019381.D
Acq: 15 Jan 2024 20:38

Tgt Ion:113 Resp: 72874
Ion Ratio Lower Upper
113 100
55 166.0 133.3 199.9
56 132.6 108.0 162.0

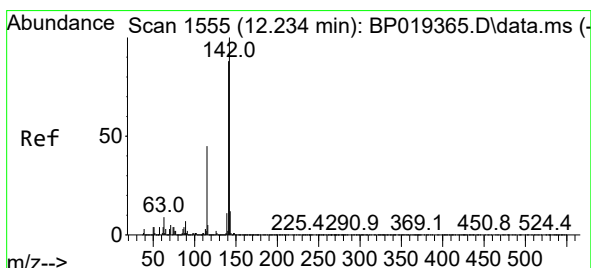
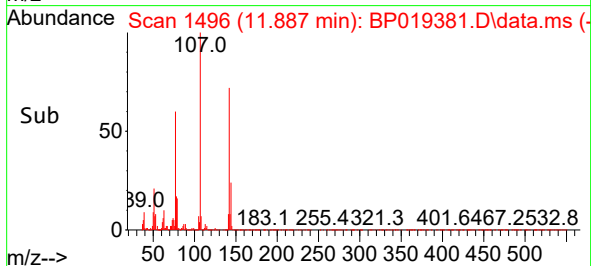
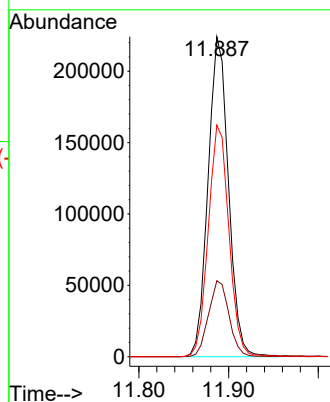
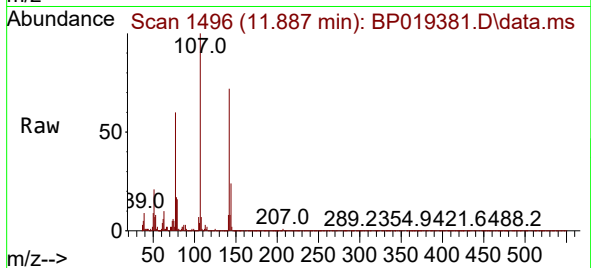




#35
4-Chloro-3-methylphenol
Concen: 34.989 ng/ul
RT: 11.887 min Scan# 1495
Delta R.T. -0.006 min
Lab File: BP019381.D
Acq: 15 Jan 2024 20:38

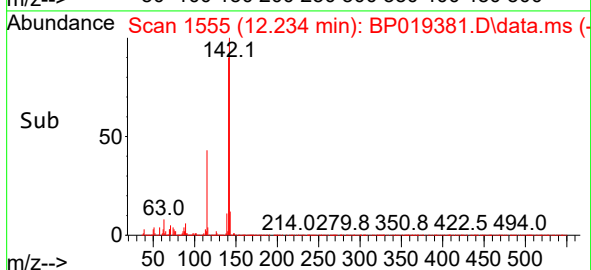
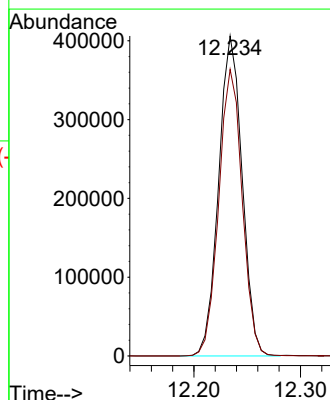
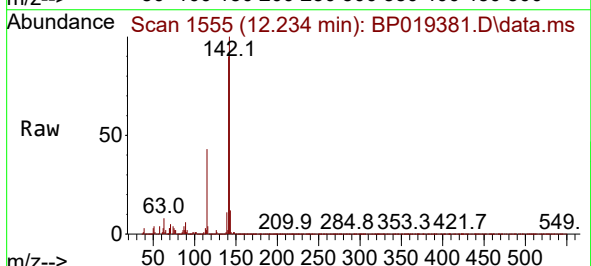
Instrument :
BNA_P
ClientSampleId :

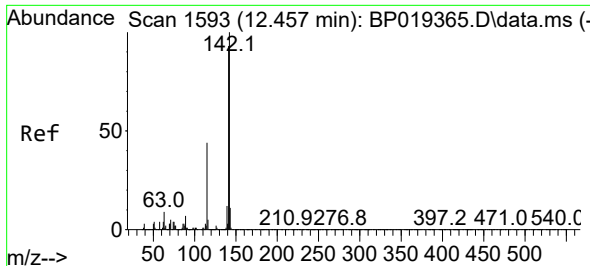
Tgt Ion:107 Resp: 353930
Ion Ratio Lower Upper
107 100
144 23.7 17.8 26.8
142 72.4 56.3 84.5



#36
2-Methylnaphthalene
Concen: 31.671 ng/ul
RT: 12.234 min Scan# 1555
Delta R.T. -0.012 min
Lab File: BP019381.D
Acq: 15 Jan 2024 20:38

Tgt Ion:142 Resp: 621625
Ion Ratio Lower Upper
142 100
141 89.6 71.1 106.7





#37

1-Methylnaphthalene

Concen: 31.824 ng/ul

RT: 12.457 min Scan# 1593

Delta R.T. -0.006 min

Lab File: BP019381.D

Acq: 15 Jan 2024 20:38

Instrument :

BNA_P

ClientSampleId :

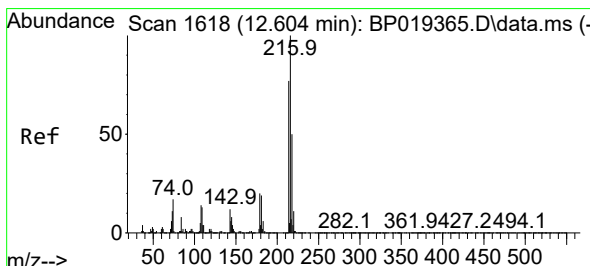
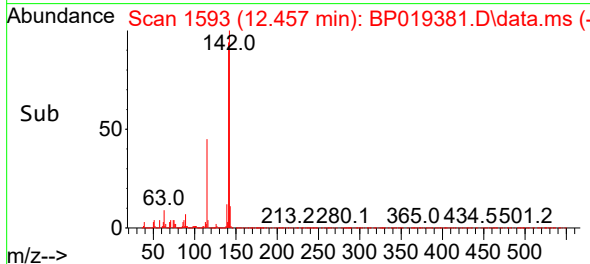
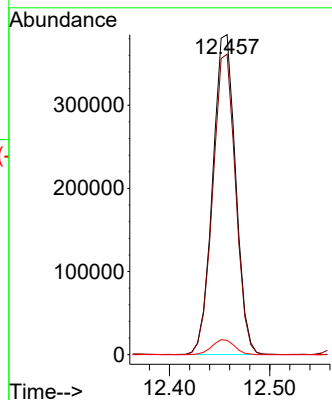
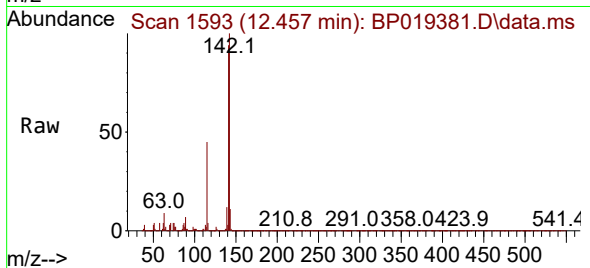
Tgt Ion:142 Resp: 611133

Ion Ratio Lower Upper

142 100

141 93.9 74.4 111.6

116 4.4 3.9 5.9



#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.416 ng/ul

RT: 12.604 min Scan# 1618

Delta R.T. -0.012 min

Lab File: BP019381.D

Acq: 15 Jan 2024 20:38

Tgt Ion:216 Resp: 470999

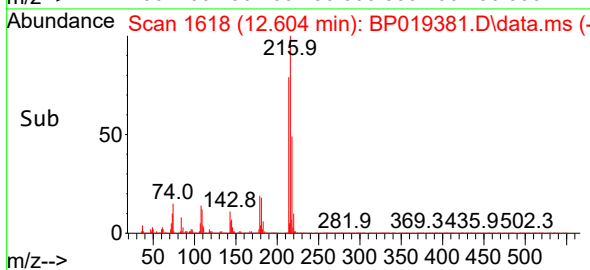
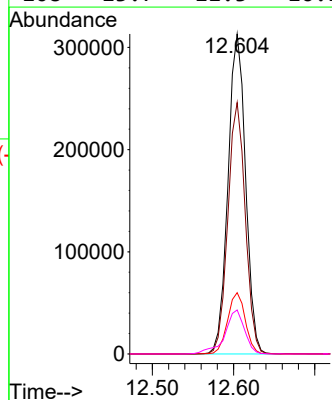
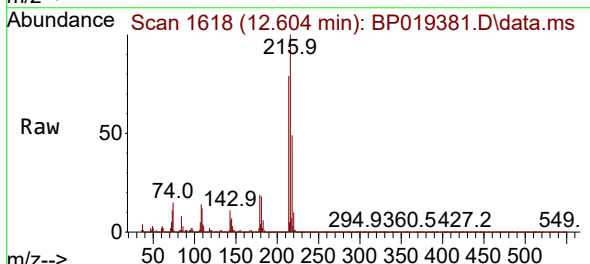
Ion Ratio Lower Upper

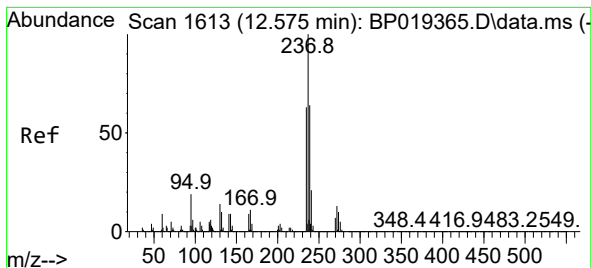
216 100

214 78.5 63.6 95.4

179 19.1 15.1 22.7

108 13.7 11.3 16.9





#40

Hexachlorocyclopentadiene

Concen: 29.128 ng/ul

RT: 12.575 min Scan# 1613

Delta R.T. -0.012 min

Lab File: BP019381.D

Acq: 15 Jan 2024 20:38

Instrument :

BNA_P

ClientSampleId :

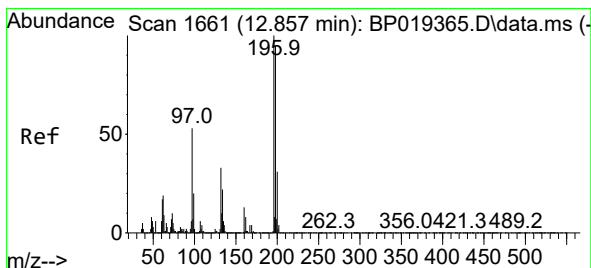
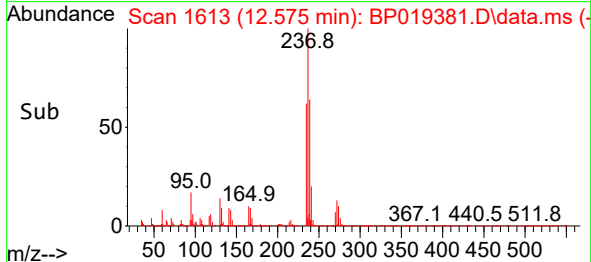
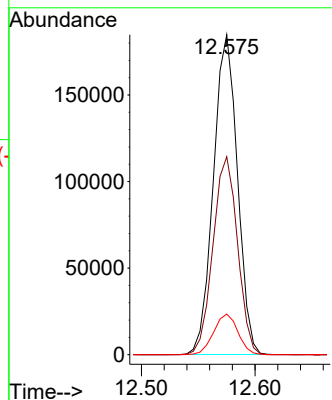
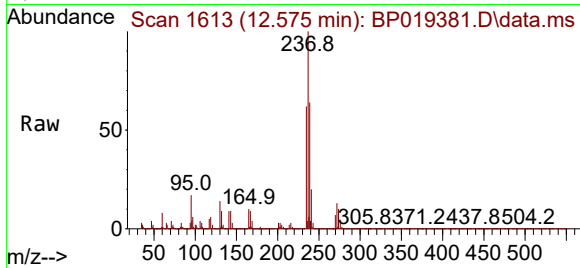
Tgt Ion:237 Resp: 271632

Ion Ratio Lower Upper

237 100

235 61.9 50.0 75.0

272 12.7 11.4 17.2



#41

2,4,6-Trichlorophenol

Concen: 33.252 ng/ul

RT: 12.857 min Scan# 1661

Delta R.T. -0.006 min

Lab File: BP019381.D

Acq: 15 Jan 2024 20:38

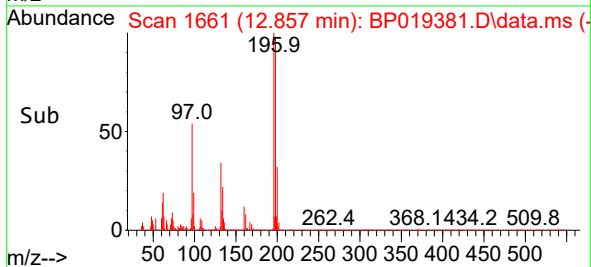
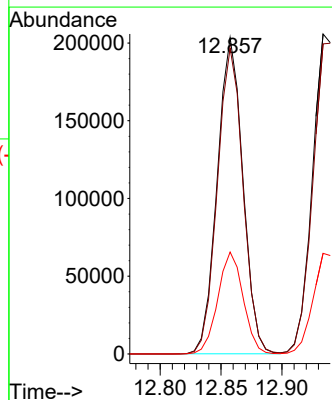
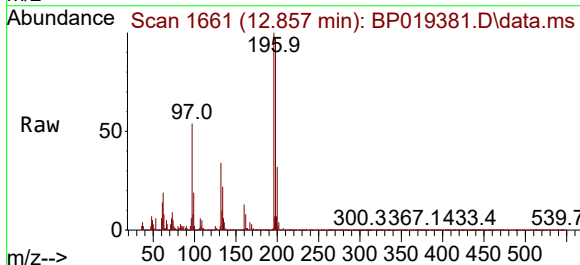
Tgt Ion:196 Resp: 297327

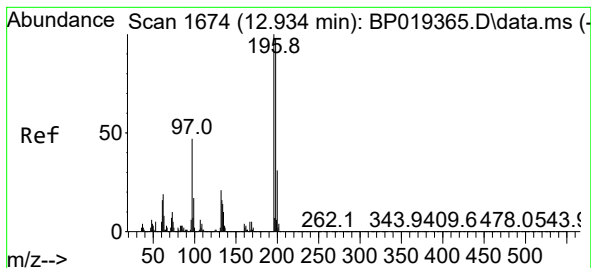
Ion Ratio Lower Upper

196 100

198 96.7 78.2 117.2

200 32.2 24.6 36.8





#42

2,4,5-Trichlorophenol

Concen: 33.760 ng/ul

RT: 12.934 min Scan# 1

Delta R.T. -0.012 min

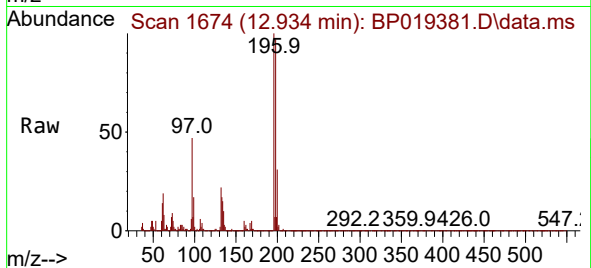
Lab File: BP019381.D

Acq: 15 Jan 2024 20:38

Instrument :

BNA_P

ClientSampleId :



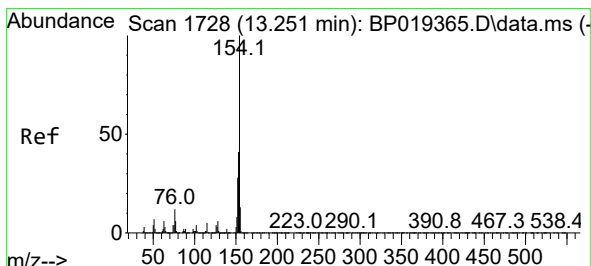
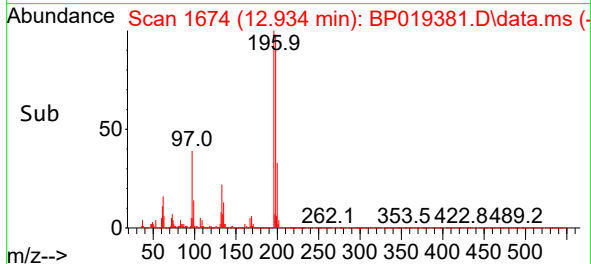
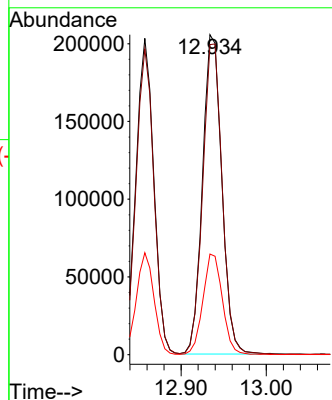
Tgt Ion:196 Resp: 323499

Ion Ratio Lower Upper

196 100

198 96.9 78.9 118.3

200 31.4 25.0 37.6



#43

1,1'-Biphenyl

Concen: 31.885 ng/ul

RT: 13.252 min Scan# 1728

Delta R.T. -0.012 min

Lab File: BP019381.D

Acq: 15 Jan 2024 20:38

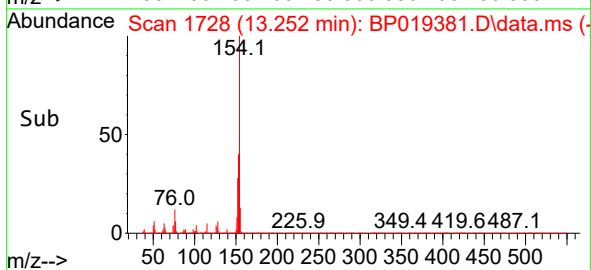
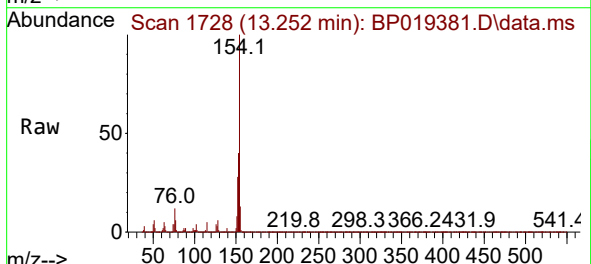
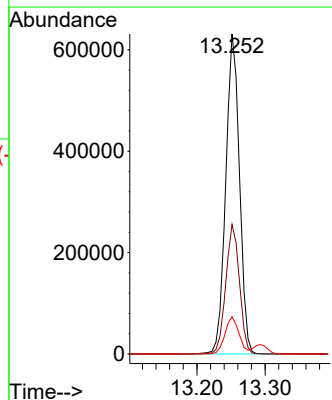
Tgt Ion:154 Resp: 883177

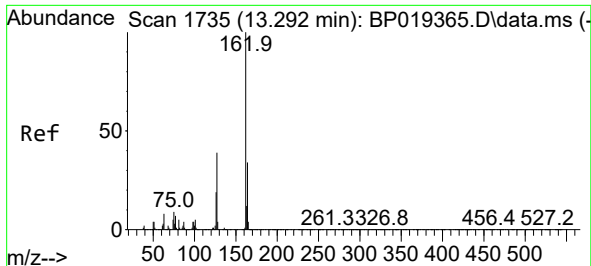
Ion Ratio Lower Upper

154 100

153 40.4 32.6 48.8

76 11.7 9.3 13.9

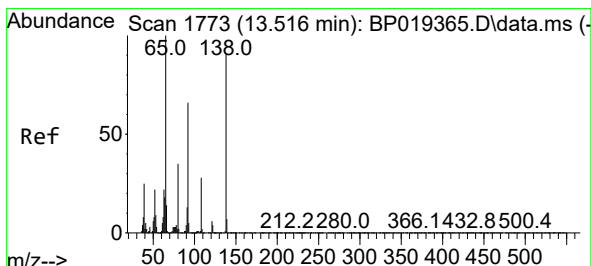
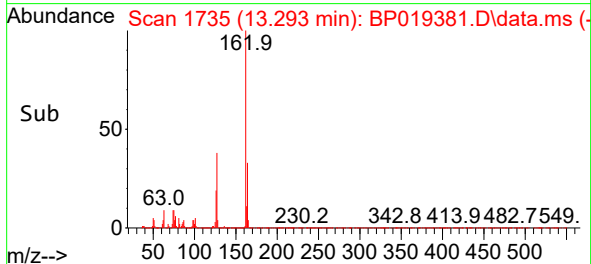
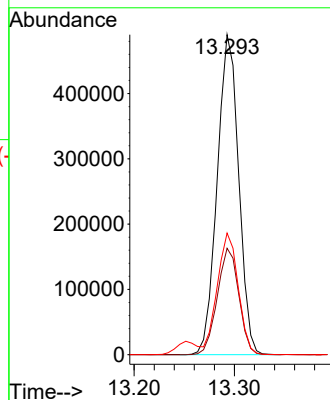
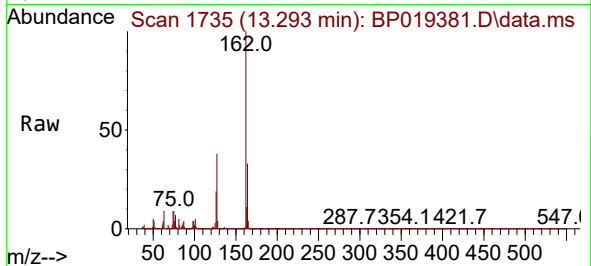




#44
2-Chloronaphthalene
Concen: 32.463 ng/ul
RT: 13.293 min Scan# 1735
Delta R.T. -0.012 min
Lab File: BP019381.D
Acq: 15 Jan 2024 20:38

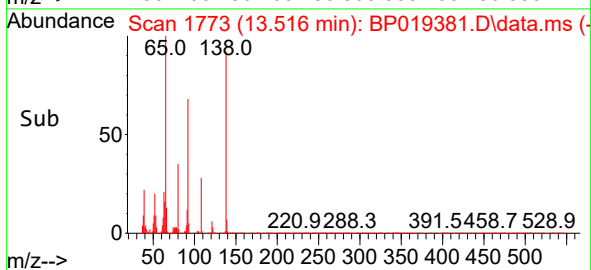
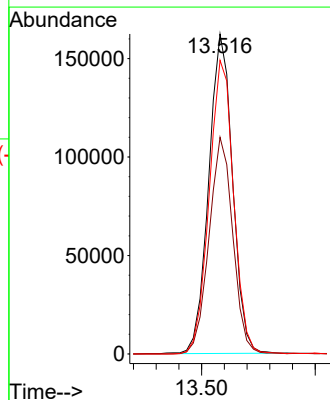
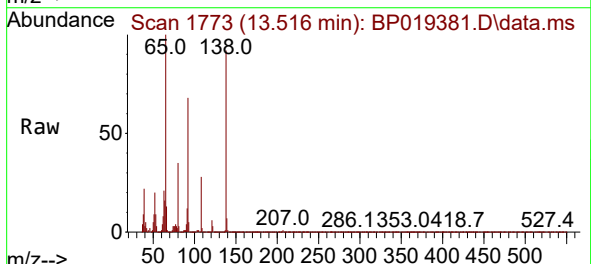
Instrument :
BNA_P
ClientSampleId :

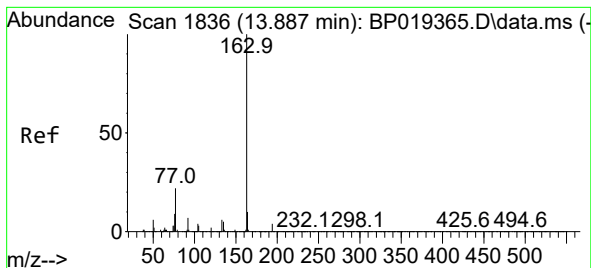
Tgt Ion:162 Resp: 727179
Ion Ratio Lower Upper
162 100
164 33.3 26.6 40.0
127 38.0 29.4 44.2



#45
2-Nitroaniline
Concen: 36.778 ng/ul
RT: 13.516 min Scan# 1773
Delta R.T. -0.006 min
Lab File: BP019381.D
Acq: 15 Jan 2024 20:38

Tgt Ion: 65 Resp: 236300
Ion Ratio Lower Upper
65 100
92 67.7 52.1 78.1
138 91.8 74.8 112.2





#47

Dimethylphthalate

Concen: 33.693 ng/ul

RT: 13.887 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BP019381.D

Acq: 15 Jan 2024 20:38

Instrument :

BNA_P

ClientSampleId :

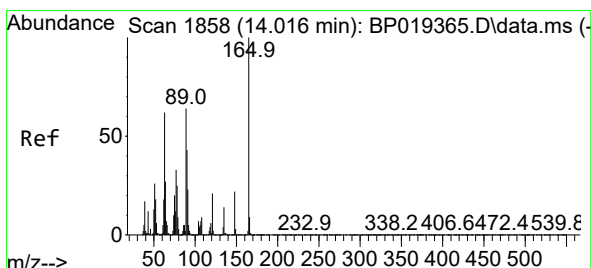
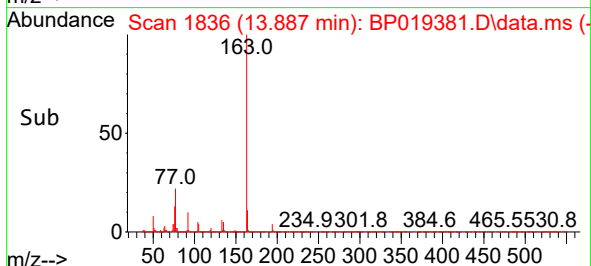
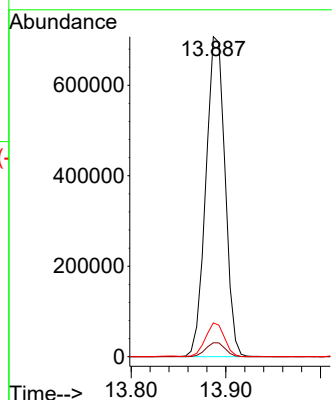
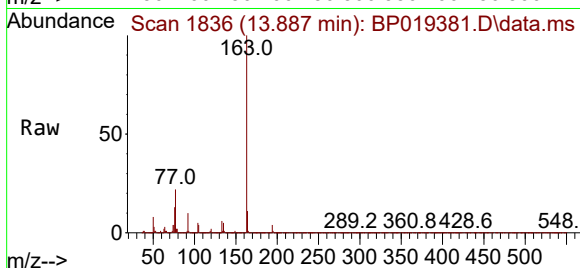
Tgt Ion:163 Resp: 991920

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

164 10.6 8.1 12.1



#48

2,6-Dinitrotoluene

Concen: 36.157 ng/ul

RT: 14.016 min Scan# 1858

Delta R.T. -0.006 min

Lab File: BP019381.D

Acq: 15 Jan 2024 20:38

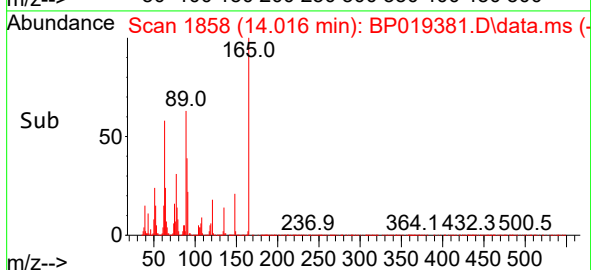
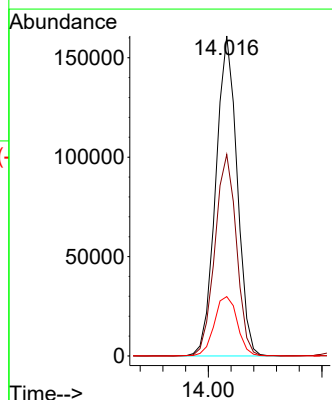
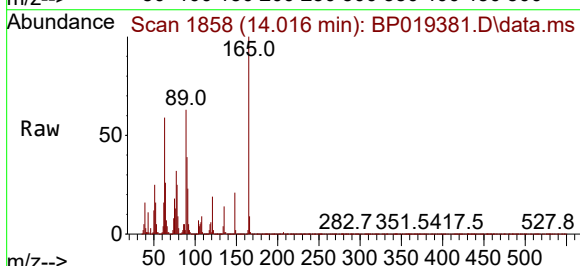
Tgt Ion:165 Resp: 210492

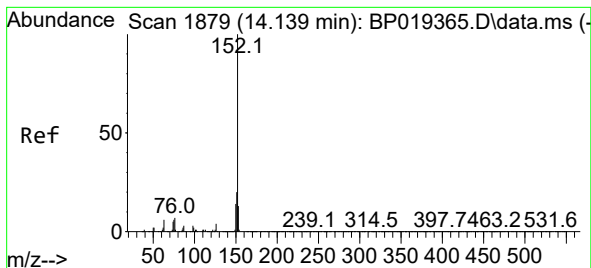
Ion Ratio Lower Upper

165 100

89 62.9 49.9 74.9

121 18.6 16.5 24.7





#50

Acenaphthylene

Concen: 33.235 ng/ul

RT: 14.140 min Scan# 1879

Delta R.T. -0.012 min

Lab File: BP019381.D

Acq: 15 Jan 2024 20:38

Instrument :

BNA_P

ClientSampleId :

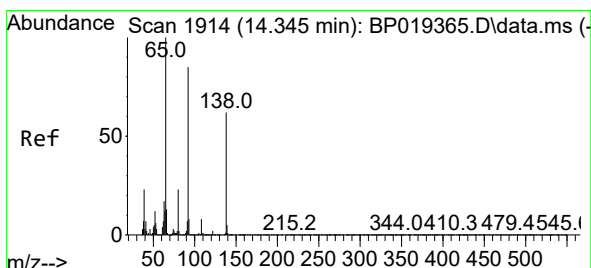
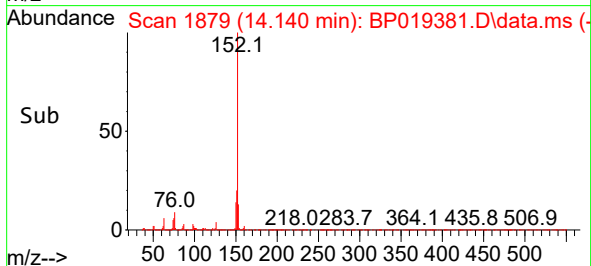
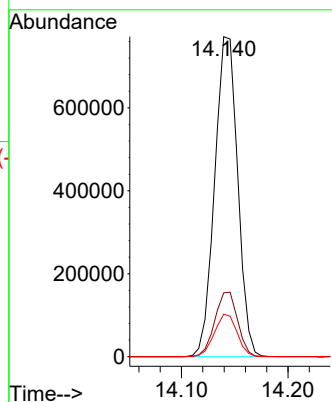
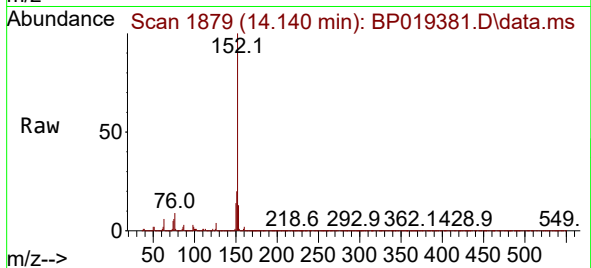
Tgt Ion:152 Resp: 1155896

Ion Ratio Lower Upper

152 100

151 19.9 15.8 23.6

153 13.3 10.3 15.5



#51

3-Nitroaniline

Concen: 34.907 ng/ul

RT: 14.346 min Scan# 1914

Delta R.T. -0.006 min

Lab File: BP019381.D

Acq: 15 Jan 2024 20:38

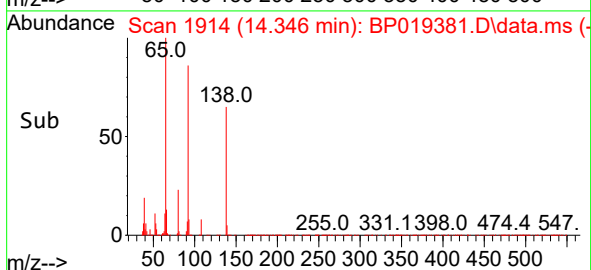
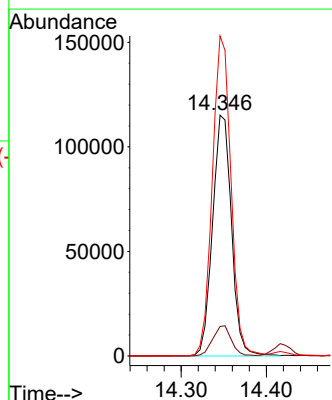
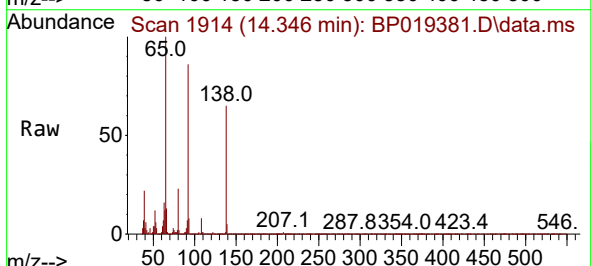
Tgt Ion:138 Resp: 177255

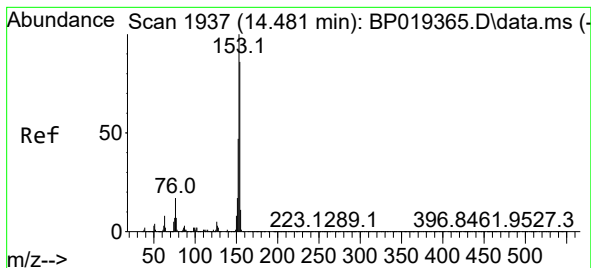
Ion Ratio Lower Upper

138 100

108 12.2 10.6 15.8

92 132.9 105.8 158.6





#52

Acenaphthene

Concen: 33.368 ng/ul

RT: 14.487 min Scan# 1937

Delta R.T. -0.006 min

Lab File: BP019381.D

Acq: 15 Jan 2024 20:38

Instrument :

BNA_P

ClientSampleId :

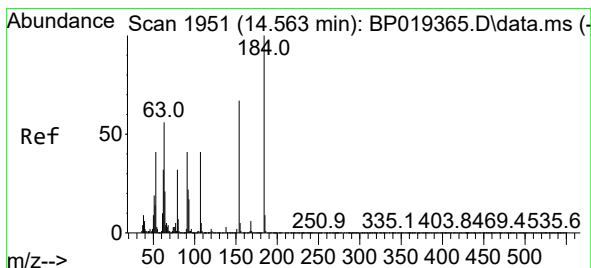
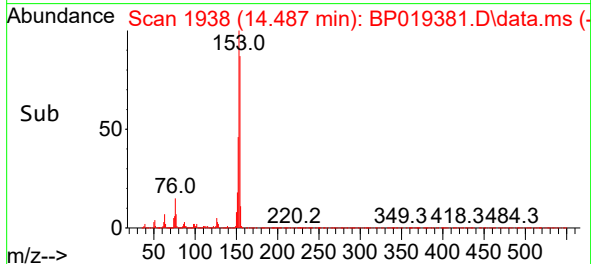
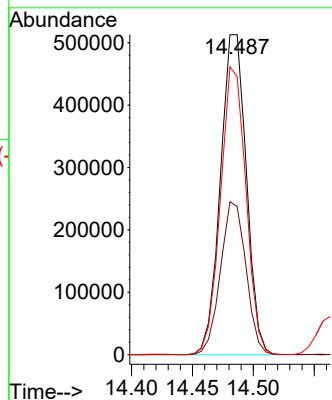
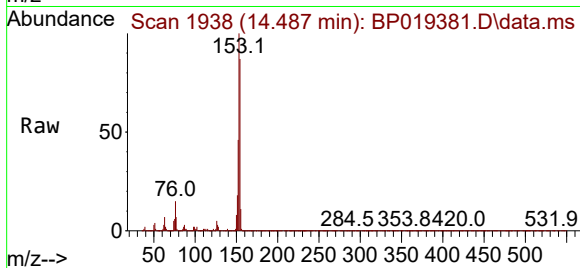
Tgt Ion:153 Resp: 760403

Ion Ratio Lower Upper

153 100

152 46.3 38.2 57.2

154 86.9 68.9 103.3



#53

2,4-Dinitrophenol

Concen: 32.715 ng/ul

RT: 14.563 min Scan# 1951

Delta R.T. -0.006 min

Lab File: BP019381.D

Acq: 15 Jan 2024 20:38

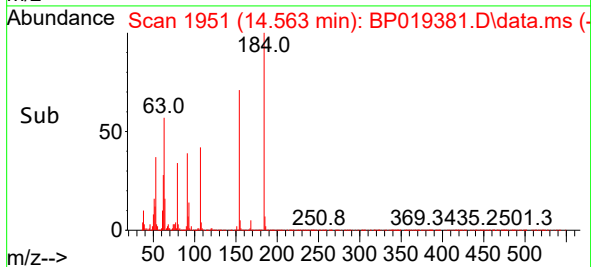
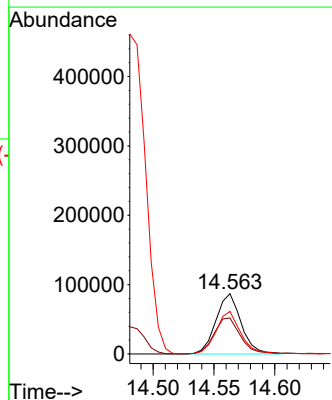
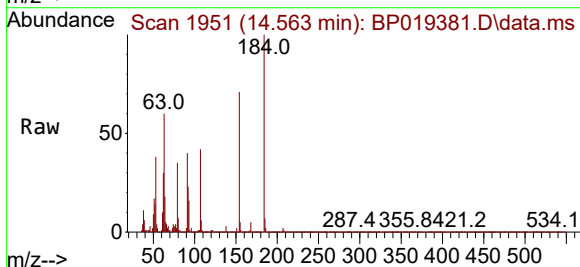
Tgt Ion:184 Resp: 124880

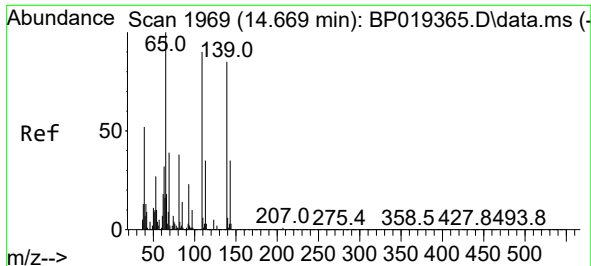
Ion Ratio Lower Upper

184 100

63 59.7 43.6 65.4

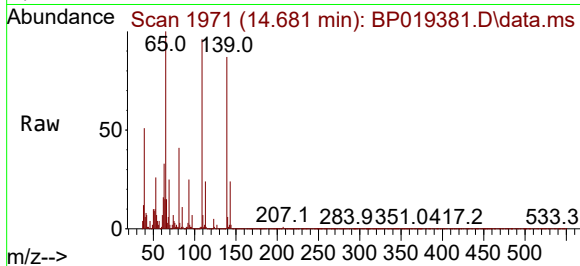
154 70.6 52.1 78.1



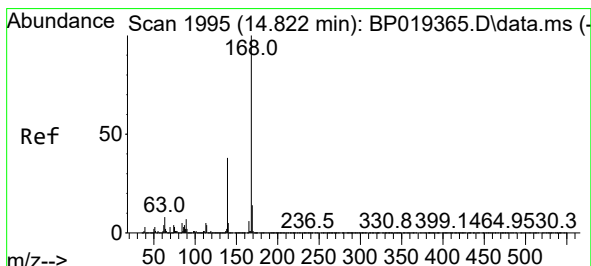
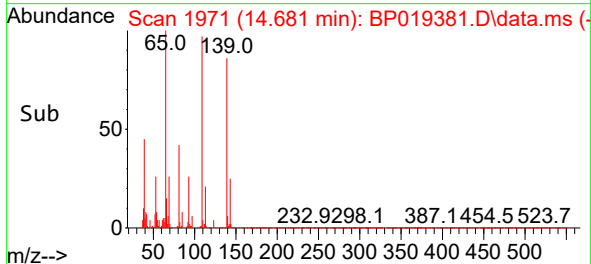
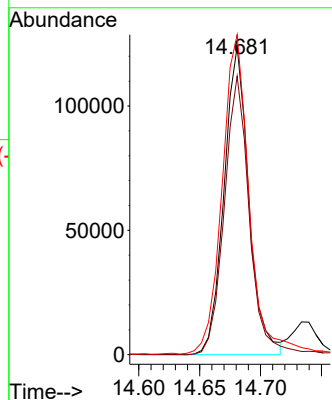


#55
4-Nitrophenol
Concen: 35.748 ng/ul
RT: 14.681 min Scan# 1971
Delta R.T. 0.000 min
Lab File: BP019381.D
Acq: 15 Jan 2024 20:38

Instrument :
BNA_P
ClientSampleId :

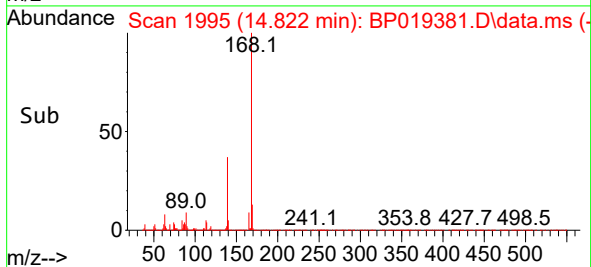
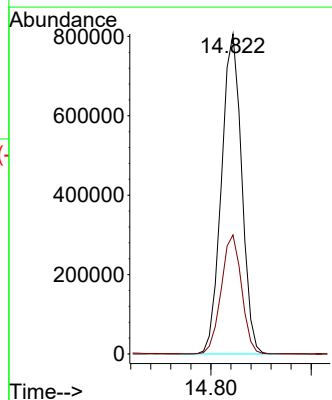
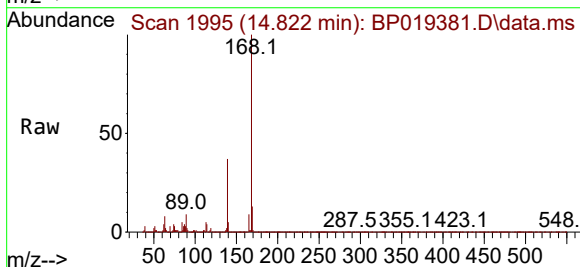


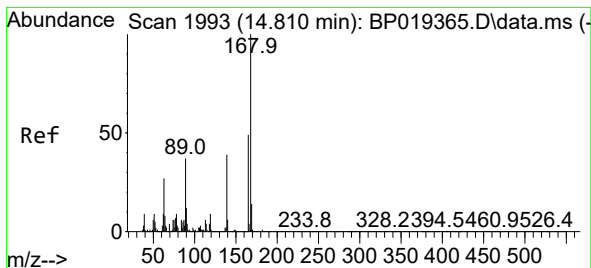
Tgt Ion:109 Resp: 175602
Ion Ratio Lower Upper
109 100
139 90.4 73.2 109.8
65 103.8 90.9 136.3



#56
Dibenzofuran
Concen: 34.489 ng/ul
RT: 14.822 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BP019381.D
Acq: 15 Jan 2024 20:38

Tgt Ion:168 Resp: 1125247
Ion Ratio Lower Upper
168 100
139 37.2 30.3 45.5

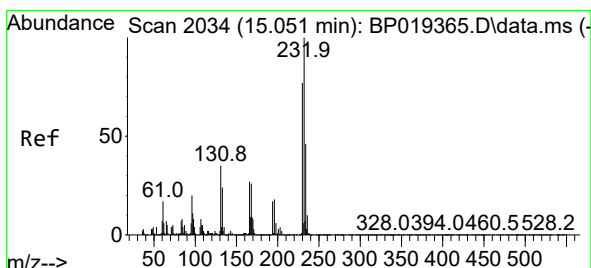
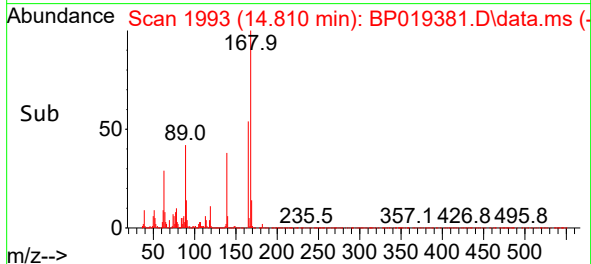
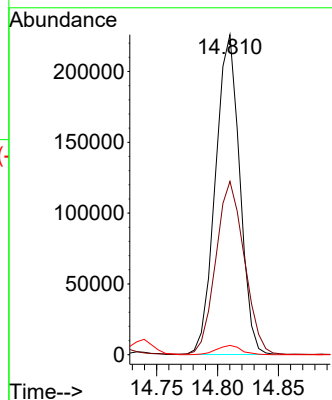
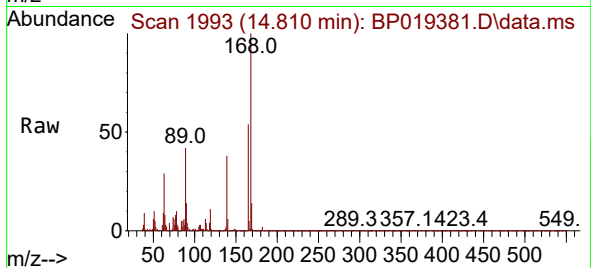




#57
2,4-Dinitrotoluene
Concen: 38.388 ng/ul
RT: 14.810 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BP019381.D
Acq: 15 Jan 2024 20:38

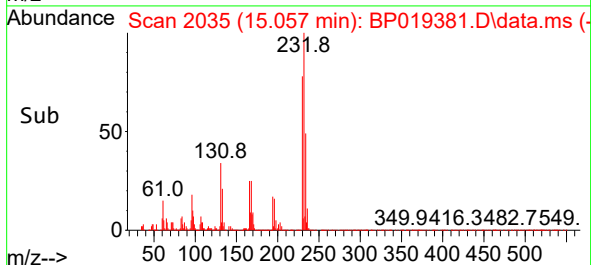
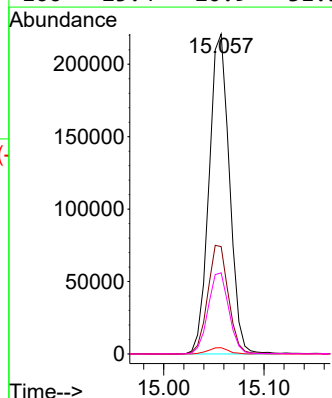
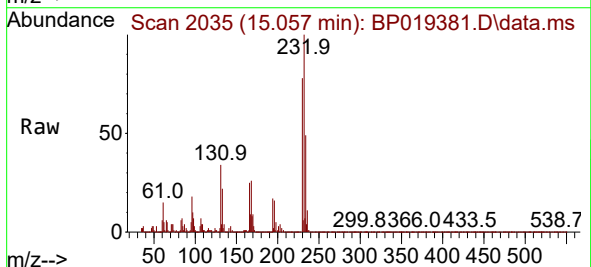
Instrument :
BNA_P
ClientSampleId :

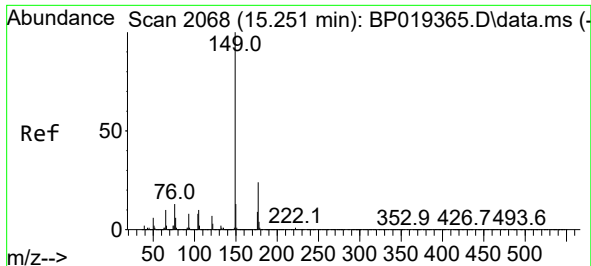
Tgt Ion:165 Resp: 313557
Ion Ratio Lower Upper
165 100
63 54.2 41.3 61.9
182 2.9 2.4 3.6



#58
2,3,4,6-Tetrachlorophenol
Concen: 36.749 ng/ul
RT: 15.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BP019381.D
Acq: 15 Jan 2024 20:38

Tgt Ion:232 Resp: 312611
Ion Ratio Lower Upper
232 100
131 33.5 27.9 41.9
130 1.9 1.8 2.8
166 25.4 20.9 31.3

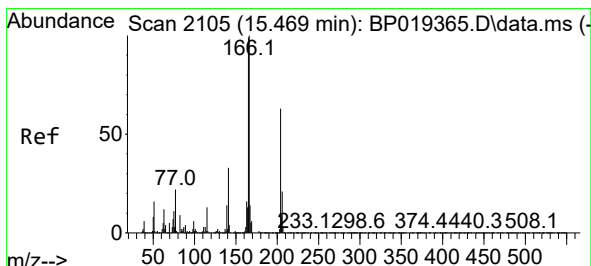
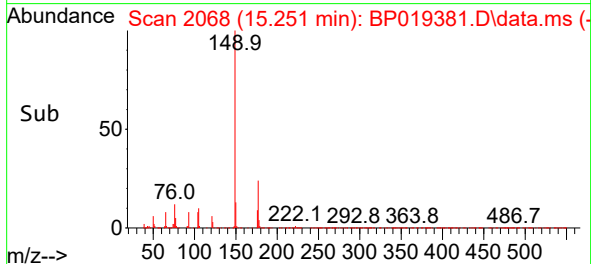
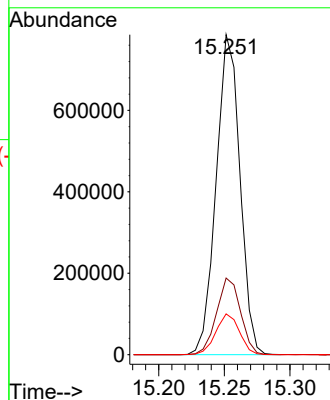
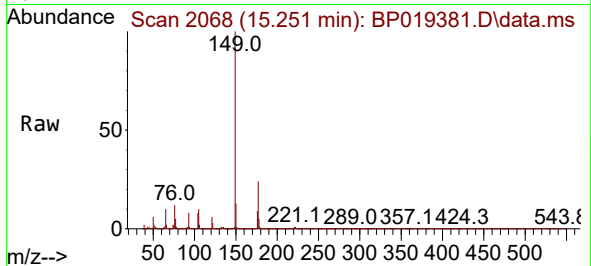




#59
Diethylphthalate
Concen: 35.936 ng/ul
RT: 15.251 min Scan# 2068
Delta R.T. -0.006 min
Lab File: BP019381.D
Acq: 15 Jan 2024 20:38

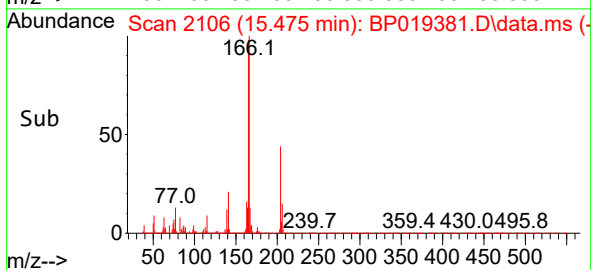
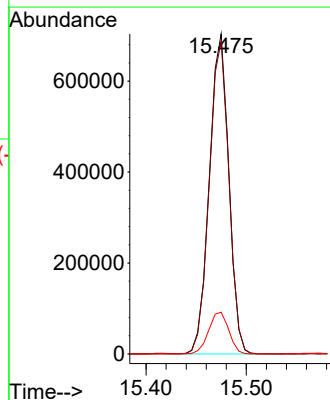
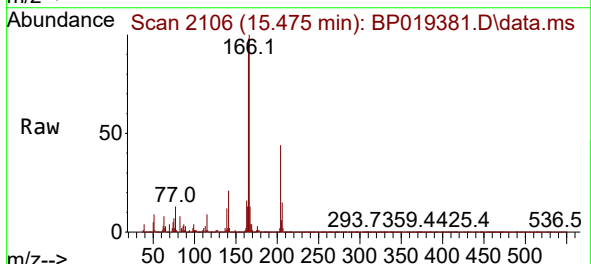
Instrument :
BNA_P
ClientSampleId :

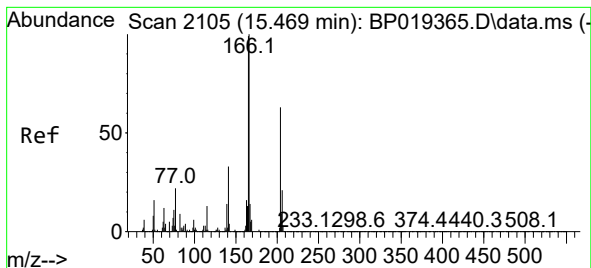
Tgt Ion:149 Resp: 990041
Ion Ratio Lower Upper
149 100
177 24.0 18.8 28.2
150 12.7 10.2 15.4



#61
Fluorene
Concen: 35.589 ng/ul
RT: 15.475 min Scan# 2106
Delta R.T. -0.006 min
Lab File: BP019381.D
Acq: 15 Jan 2024 20:38

Tgt Ion:166 Resp: 951064
Ion Ratio Lower Upper
166 100
165 97.8 78.6 118.0
167 13.0 10.6 15.8

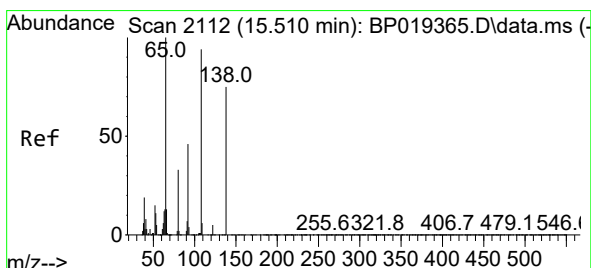
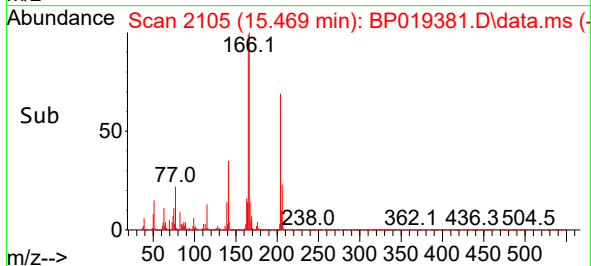
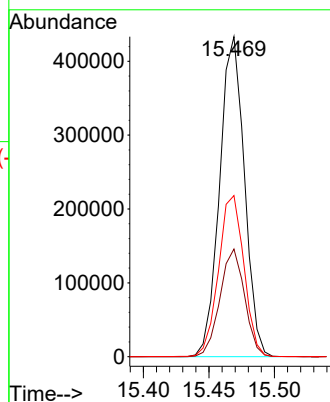
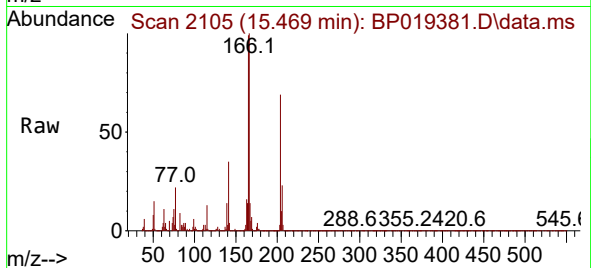




#62
4-Chlorophenyl-phenylether
Concen: 35.715 ng/ul
RT: 15.469 min Scan# 2105
Delta R.T. -0.006 min
Lab File: BP019381.D
Acq: 15 Jan 2024 20:38

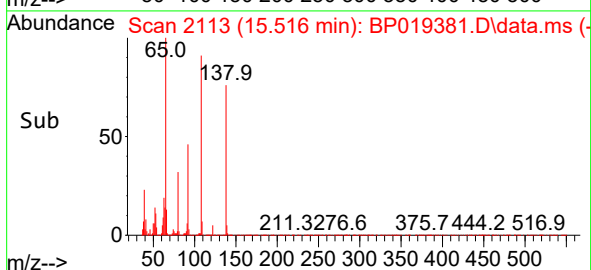
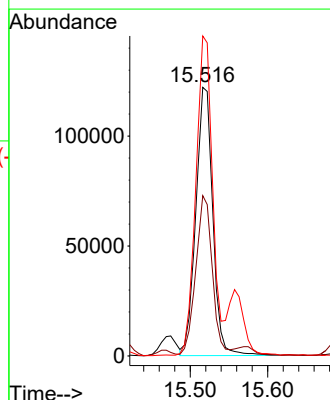
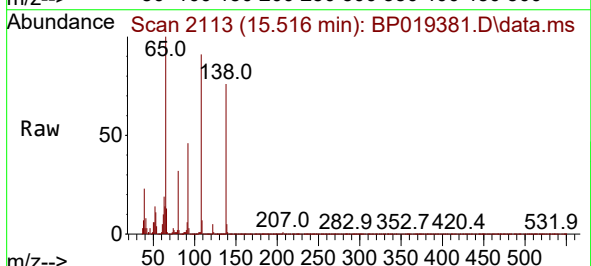
Instrument :
BNA_P
ClientSampleId :

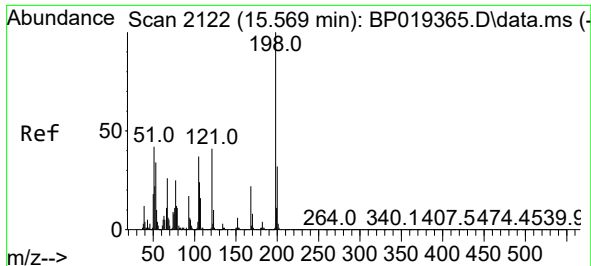
Tgt Ion:204 Resp: 569555
Ion Ratio Lower Upper
204 100
206 33.7 27.0 40.4
141 50.4 41.5 62.3



#63
4-Nitroaniline
Concen: 47.250 ng/ul
RT: 15.516 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BP019381.D
Acq: 15 Jan 2024 20:38

Tgt Ion:138 Resp: 186007
Ion Ratio Lower Upper
138 100
92 59.7 48.9 73.3
108 119.1 90.4 135.6

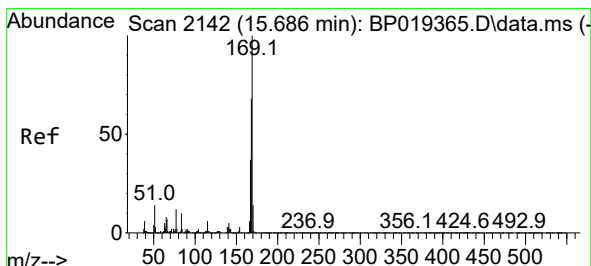
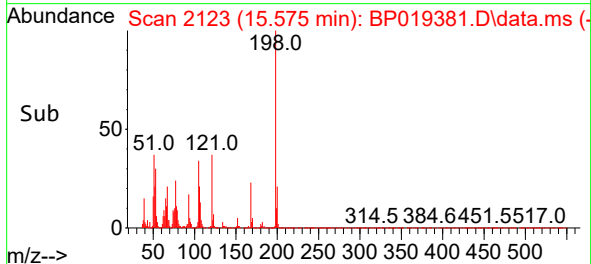
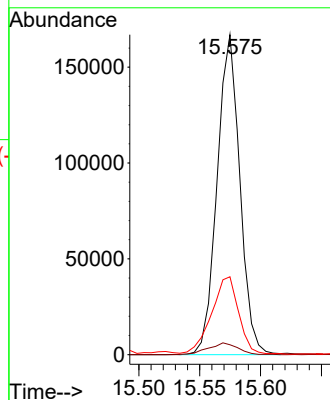
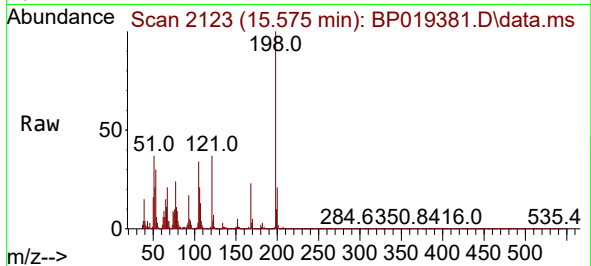




#66
4,6-Dinitro-2-methylphenol
Concen: 33.394 ng/ul
RT: 15.575 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BP019381.D
Acq: 15 Jan 2024 20:38

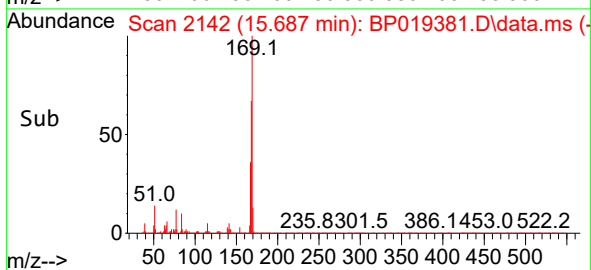
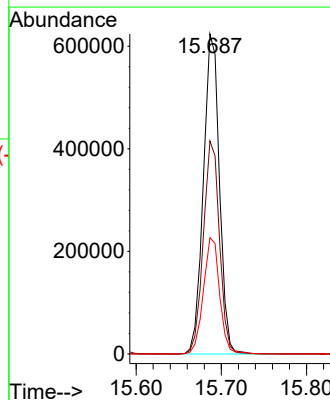
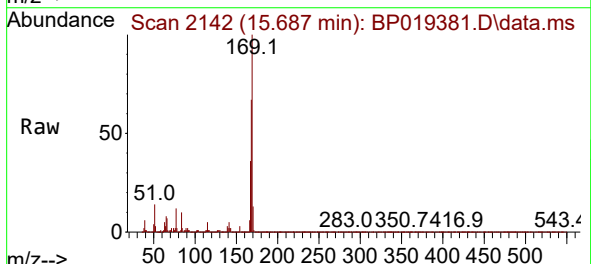
Instrument :
BNA_P
ClientSampleId :

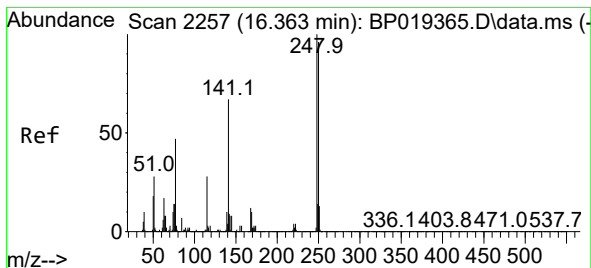
Tgt Ion:198 Resp: 217236
Ion Ratio Lower Upper
198 100
182 3.1 3.2 4.8#
77 24.4 20.6 30.8



#67
N-Nitrosodiphenylamine
Concen: 33.192 ng/ul
RT: 15.687 min Scan# 2142
Delta R.T. -0.012 min
Lab File: BP019381.D
Acq: 15 Jan 2024 20:38

Tgt Ion:169 Resp: 813436
Ion Ratio Lower Upper
169 100
168 66.6 54.8 82.2
167 36.4 29.3 43.9





#68

4-Bromophenyl-phenylether

Concen: 34.414 ng/ul

RT: 16.363 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP019381.D

Acq: 15 Jan 2024 20:38

Instrument :

BNA_P

ClientSampleId :

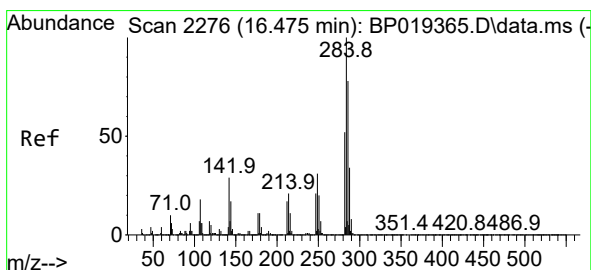
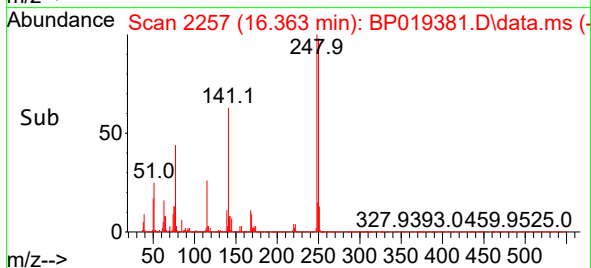
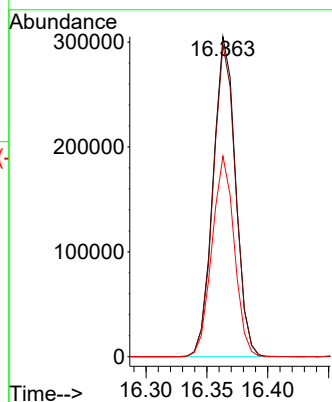
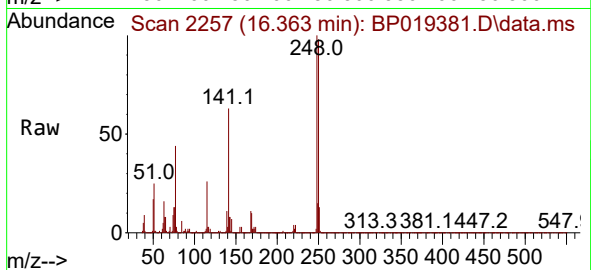
Tgt Ion:248 Resp: 390788

Ion Ratio Lower Upper

248 100

250 97.6 75.6 113.4

141 62.7 48.7 73.1



#69

Hexachlorobenzene

Concen: 34.689 ng/ul

RT: 16.475 min Scan# 2276

Delta R.T. -0.006 min

Lab File: BP019381.D

Acq: 15 Jan 2024 20:38

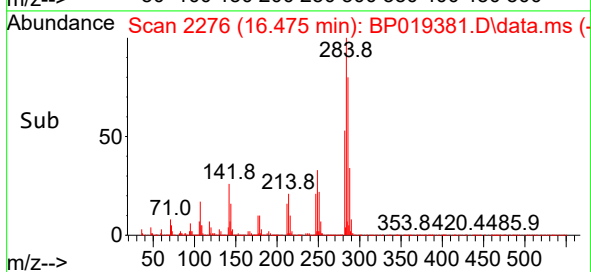
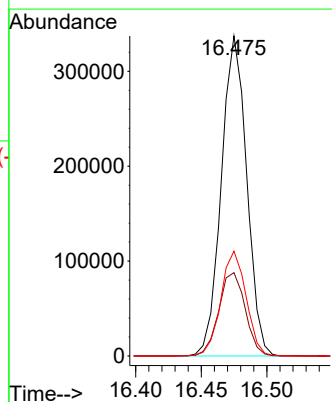
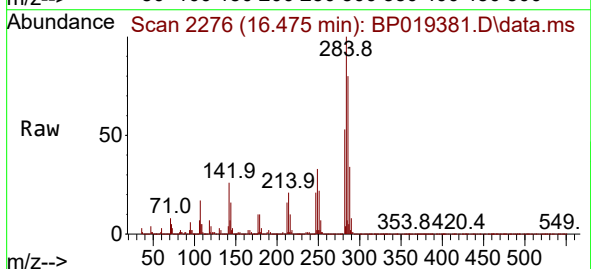
Tgt Ion:284 Resp: 453961

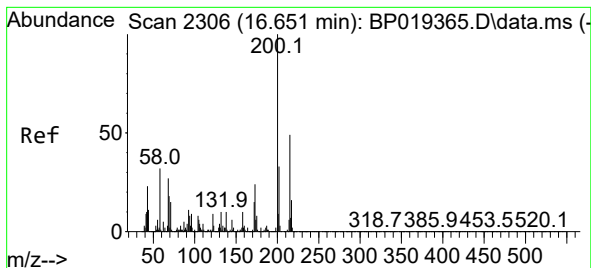
Ion Ratio Lower Upper

284 100

142 26.0 23.6 35.4

249 32.7 26.1 39.1





#70

Atrazine

Concen: 29.325 ng/ul

RT: 16.651 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019381.D

Acq: 15 Jan 2024 20:38

Instrument :

BNA_P

ClientSampleId :

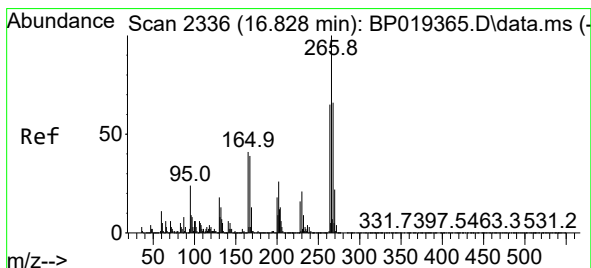
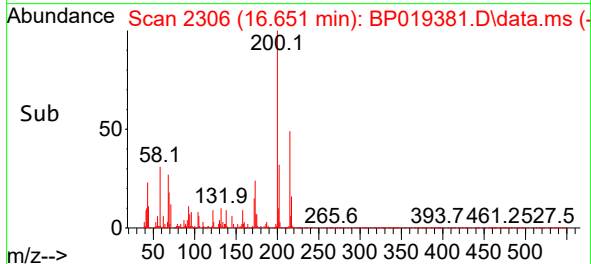
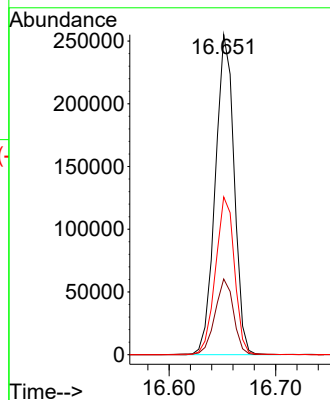
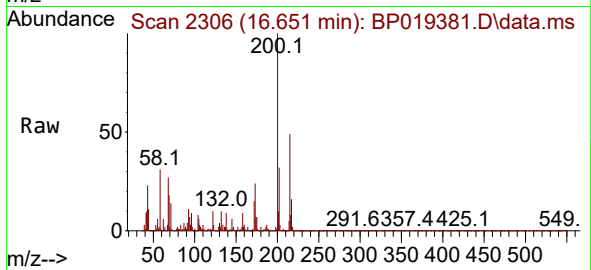
Tgt Ion:200 Resp: 313266

Ion Ratio Lower Upper

200 100

173 23.7 19.4 29.0

215 49.3 39.7 59.5



#71

Pentachlorophenol

Concen: 34.164 ng/ul

RT: 16.834 min Scan# 2337

Delta R.T. -0.006 min

Lab File: BP019381.D

Acq: 15 Jan 2024 20:38

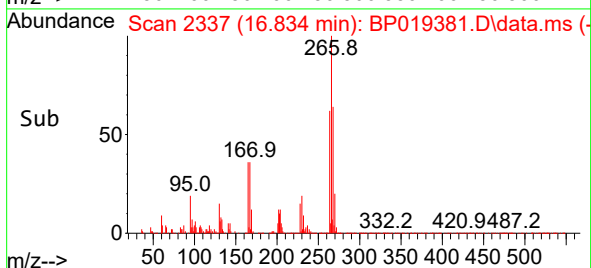
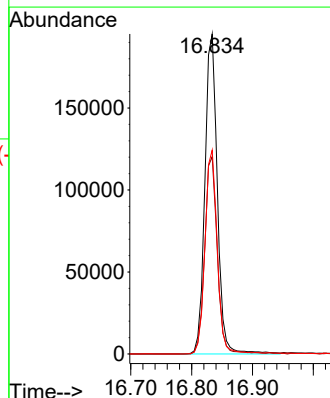
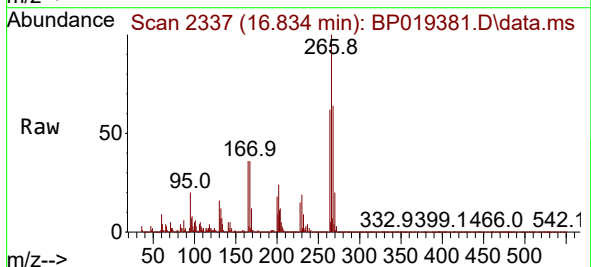
Tgt Ion:266 Resp: 277680

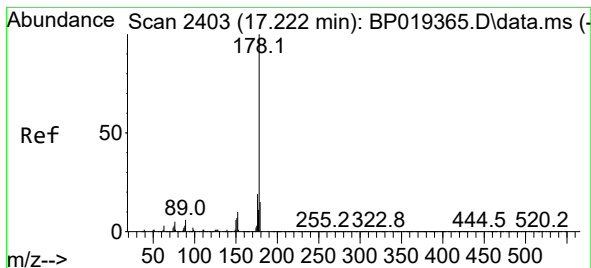
Ion Ratio Lower Upper

266 100

264 61.6 49.4 74.2

268 63.7 51.6 77.4





#72

Phenanthrene

Concen: 34.008 ng/ul

RT: 17.222 min Scan# 2403

Delta R.T. -0.006 min

Lab File: BP019381.D

Acq: 15 Jan 2024 20:38

Instrument :

BNA_P

ClientSampleId :

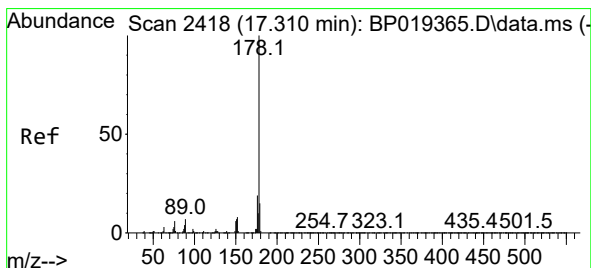
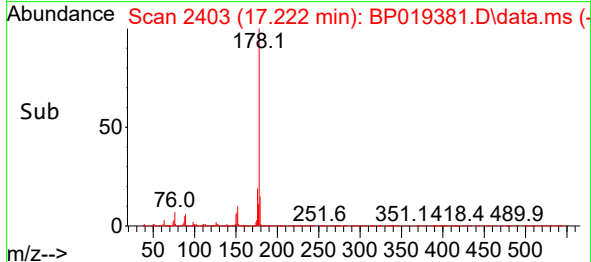
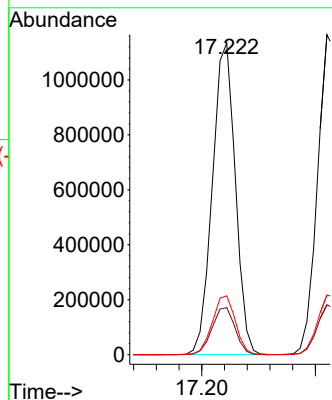
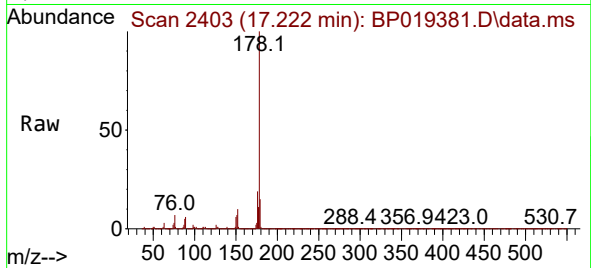
Tgt Ion:178 Resp: 1588114

Ion Ratio Lower Upper

178 100

179 15.1 12.1 18.1

176 18.9 15.4 23.2



#74

Anthracene

Concen: 34.014 ng/ul

RT: 17.310 min Scan# 2418

Delta R.T. -0.006 min

Lab File: BP019381.D

Acq: 15 Jan 2024 20:38

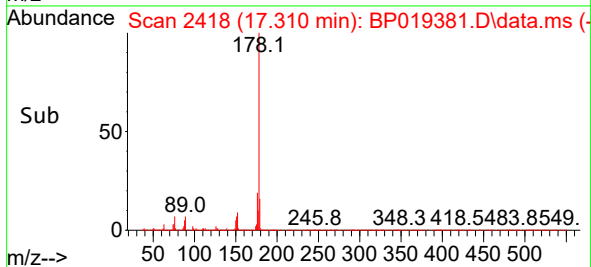
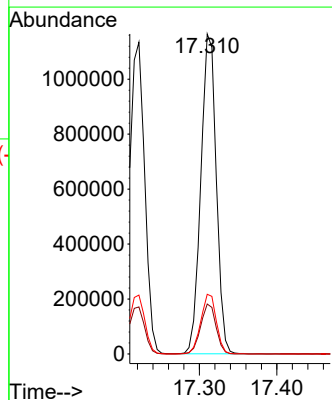
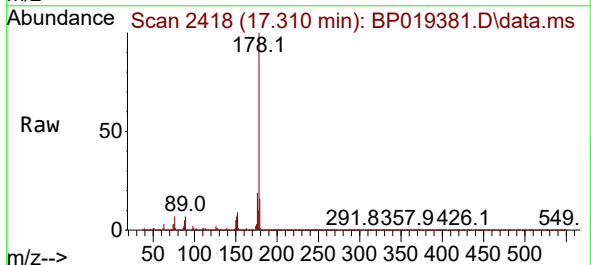
Tgt Ion:178 Resp: 1610213

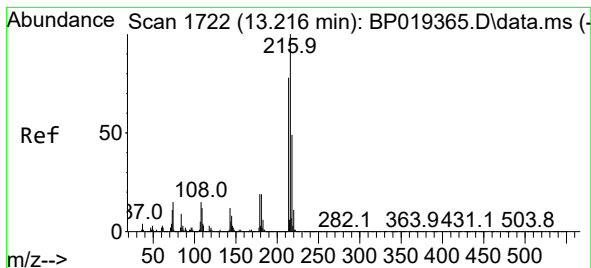
Ion Ratio Lower Upper

178 100

179 15.6 12.3 18.5

176 18.7 14.6 22.0

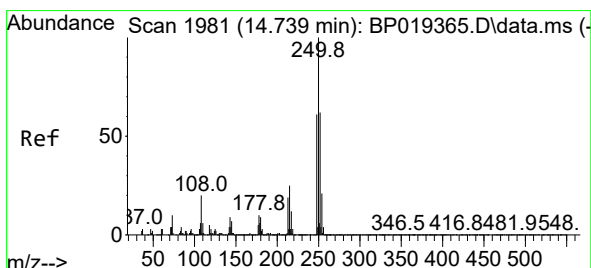
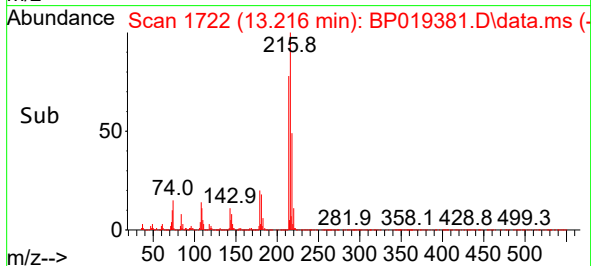
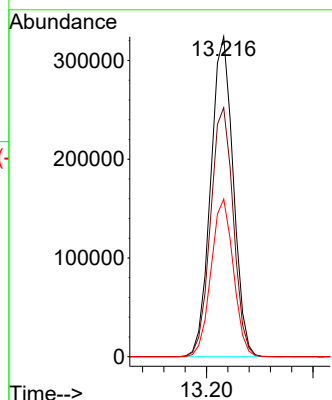
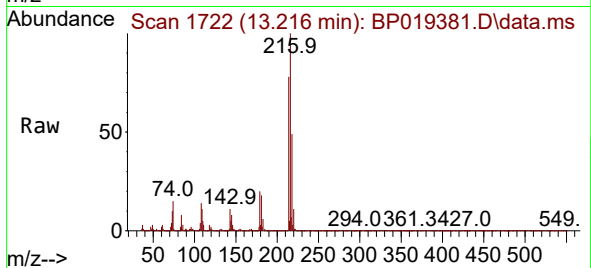




#75
1,2,3,4-Tetrachlorobenzene
Concen: 30.894 ng/uL
RT: 13.216 min Scan# 1722
Delta R.T. -0.006 min
Lab File: BP019381.D
Acq: 15 Jan 2024 20:38

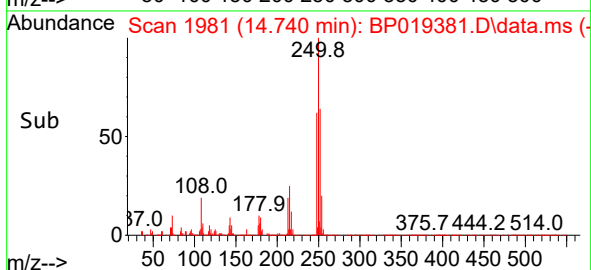
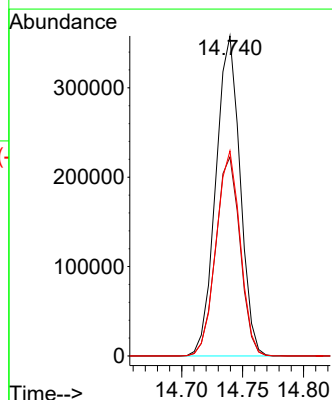
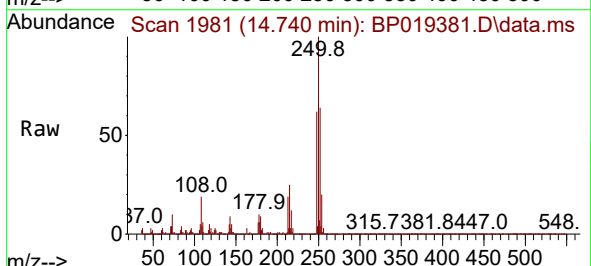
Instrument :
BNA_P
ClientSampleId :

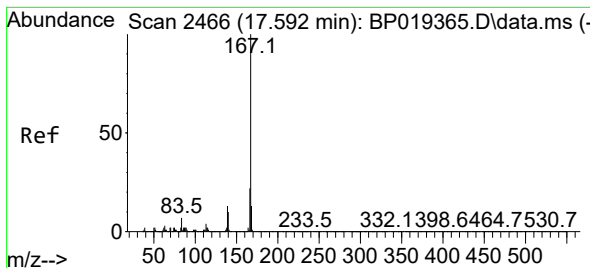
Tgt Ion:216 Resp: 475545
Ion Ratio Lower Upper
216 100
214 77.8 61.8 92.8
218 49.3 39.0 58.6



#76
Pentachlorobenzene
Concen: 33.163 ng/uL
RT: 14.740 min Scan# 1981
Delta R.T. -0.006 min
Lab File: BP019381.D
Acq: 15 Jan 2024 20:38

Tgt Ion:250 Resp: 495874
Ion Ratio Lower Upper
250 100
248 62.2 50.8 76.2
252 64.1 50.2 75.4





#77

Carbazole

Concen: 34.565 ng/ul

RT: 17.592 min Scan# 2466

Delta R.T. -0.006 min

Lab File: BP019381.D

Acq: 15 Jan 2024 20:38

Instrument :

BNA_P

ClientSampleId :

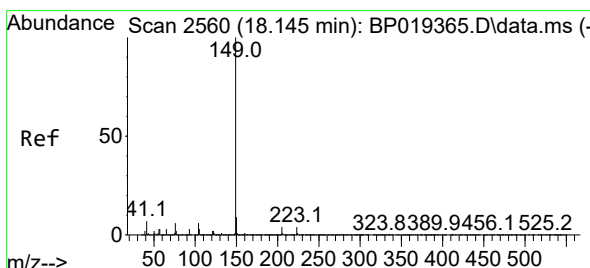
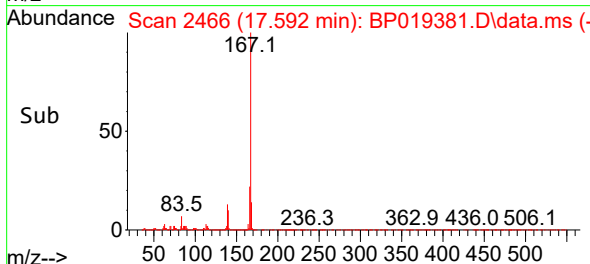
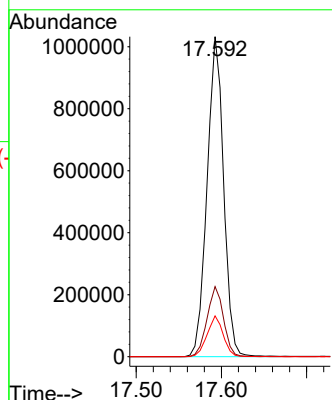
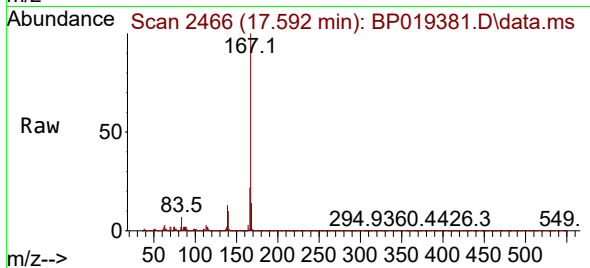
Tgt Ion:167 Resp: 1392080

Ion Ratio Lower Upper

167 100

166 21.9 17.3 25.9

139 12.8 10.1 15.1



#78

Di-n-butylphthalate

Concen: 35.199 ng/ul

RT: 18.139 min Scan# 2559

Delta R.T. -0.012 min

Lab File: BP019381.D

Acq: 15 Jan 2024 20:38

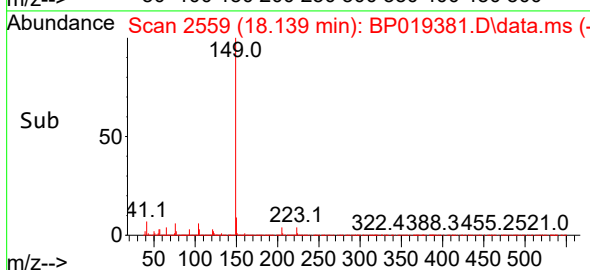
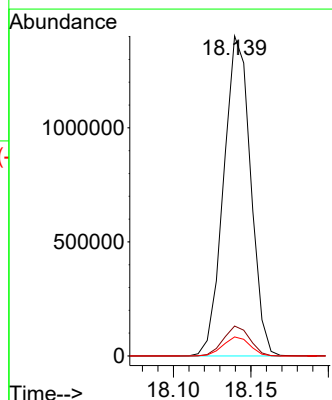
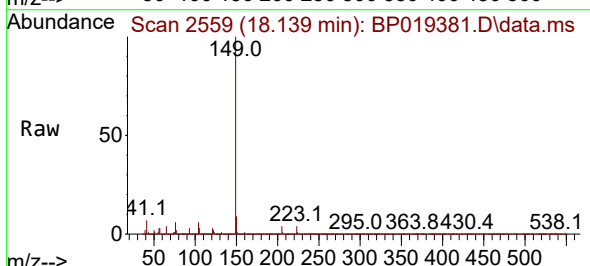
Tgt Ion:149 Resp: 1696502

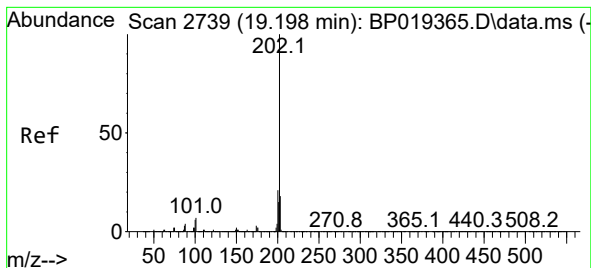
Ion Ratio Lower Upper

149 100

150 9.4 7.0 10.6

104 6.0 4.6 6.8





#80

Fluoranthene

Concen: 32.487 ng/ul

RT: 19.198 min Scan# 2739

Delta R.T. -0.006 min

Lab File: BP019381.D

Acq: 15 Jan 2024 20:38

Instrument :

BNA_P

ClientSampleId :

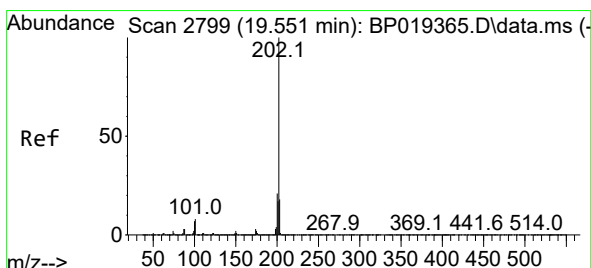
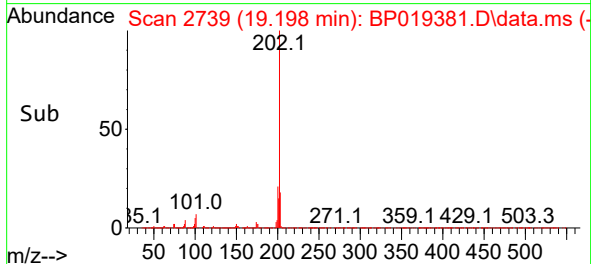
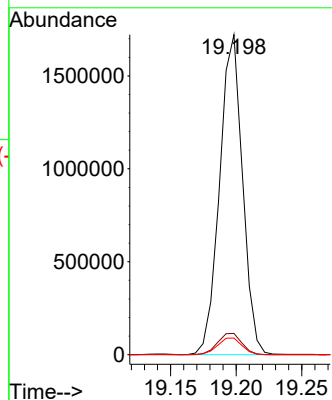
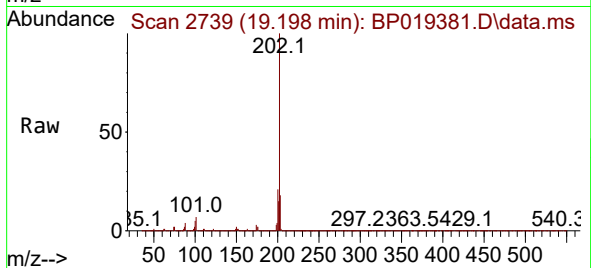
Tgt Ion:202 Resp: 2088235

Ion Ratio Lower Upper

202 100

101 6.7 5.9 8.9

100 5.2 4.6 7.0



#82

Pyrene

Concen: 32.613 ng/ul

RT: 19.551 min Scan# 2799

Delta R.T. -0.006 min

Lab File: BP019381.D

Acq: 15 Jan 2024 20:38

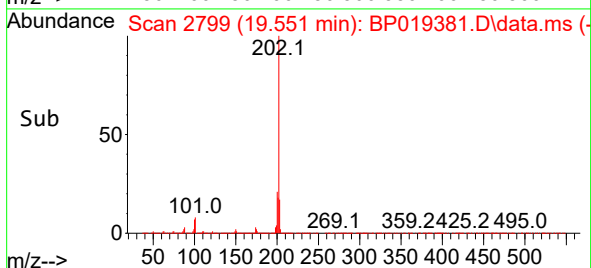
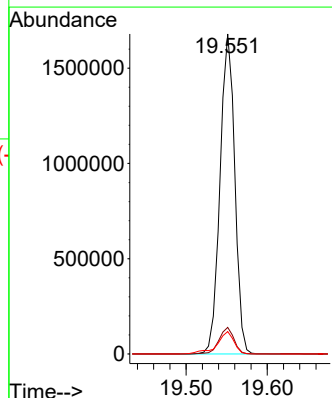
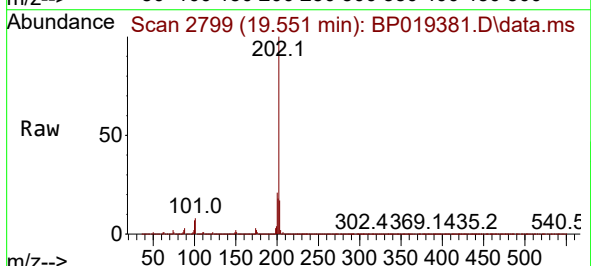
Tgt Ion:202 Resp: 2127736

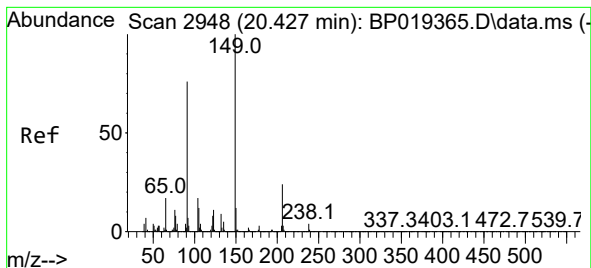
Ion Ratio Lower Upper

202 100

101 8.3 7.2 10.8

100 7.0 5.8 8.6





#83

Butylbenzylphthalate

Concen: 34.467 ng/ul

RT: 20.428 min Scan# 2948

Delta R.T. -0.006 min

Lab File: BP019381.D

Acq: 15 Jan 2024 20:38

Instrument :

BNA_P

ClientSampleId :

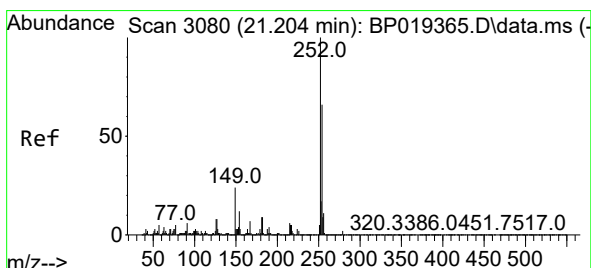
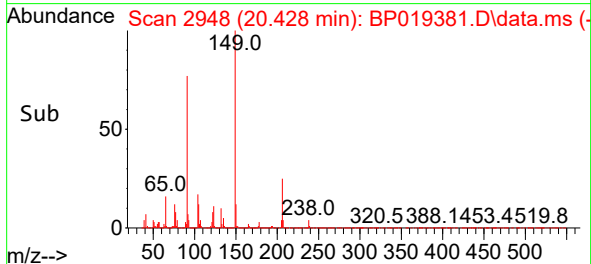
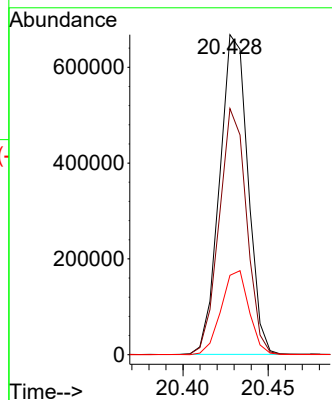
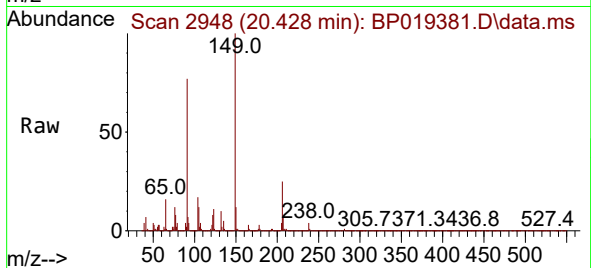
Tgt Ion:149 Resp: 771496

Ion Ratio Lower Upper

149 100

91 76.9 61.7 92.5

206 24.8 18.6 27.8



#84

3,3'-Dichlorobenzidine

Concen: 36.999 ng/ul

RT: 21.204 min Scan# 3080

Delta R.T. -0.006 min

Lab File: BP019381.D

Acq: 15 Jan 2024 20:38

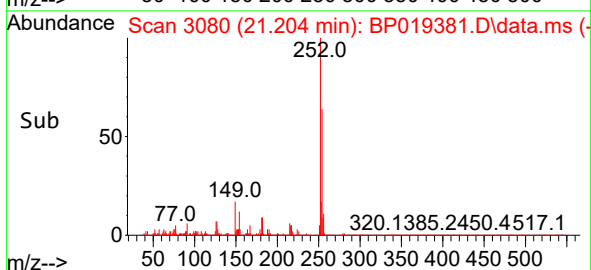
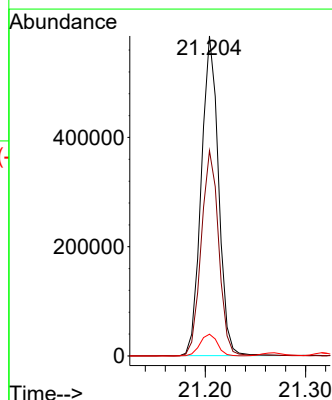
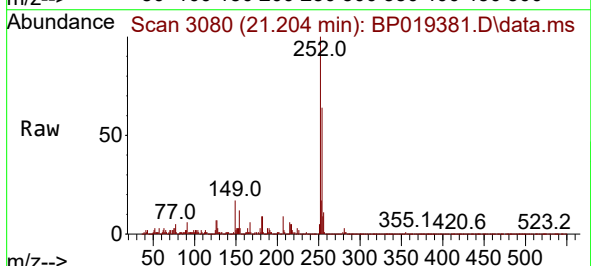
Tgt Ion:252 Resp: 700608

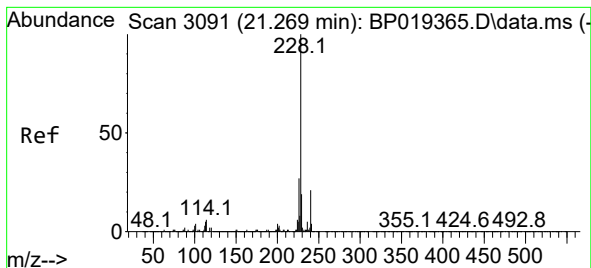
Ion Ratio Lower Upper

252 100

254 64.1 50.6 76.0

126 6.8 6.0 9.0





#85

Benzo(a)anthracene

Concen: 34.071 ng/ul

RT: 21.269 min Scan# 3091

Delta R.T. 0.000 min

Lab File: BP019381.D

Acq: 15 Jan 2024 20:38

Instrument :

BNA_P

ClientSampleId :

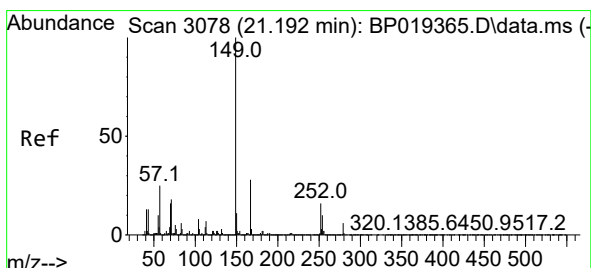
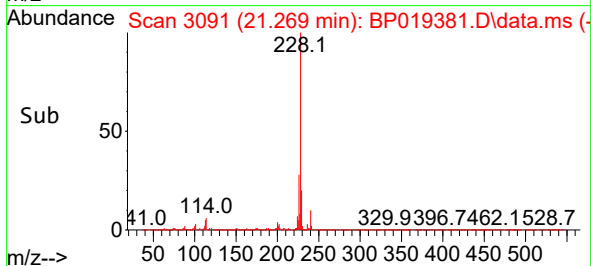
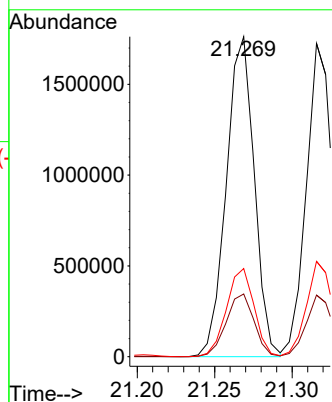
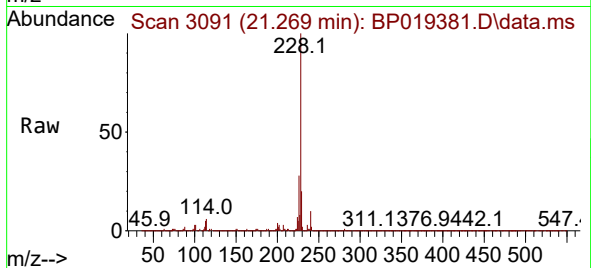
Tgt Ion:228 Resp: 2211921

Ion Ratio Lower Upper

228 100

229 19.6 15.8 23.6

226 27.5 21.6 32.4



#86

Bis(2-ethylhexyl)phthalate

Concen: 34.526 ng/ul

RT: 21.192 min Scan# 3078

Delta R.T. -0.006 min

Lab File: BP019381.D

Acq: 15 Jan 2024 20:38

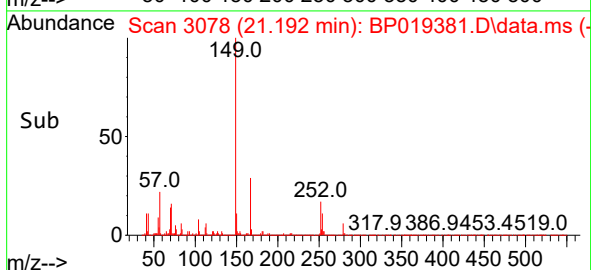
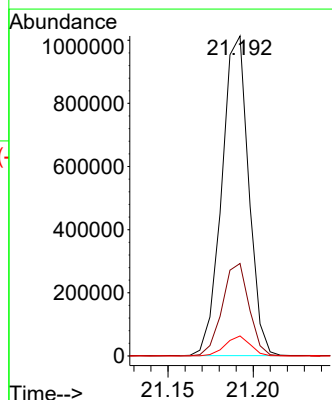
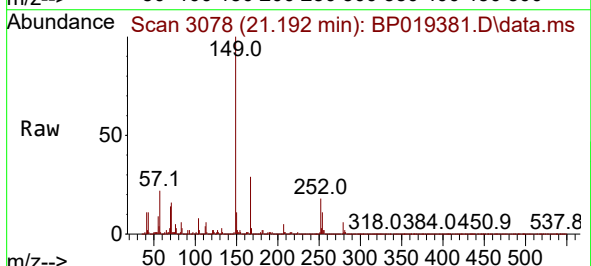
Tgt Ion:149 Resp: 1109303

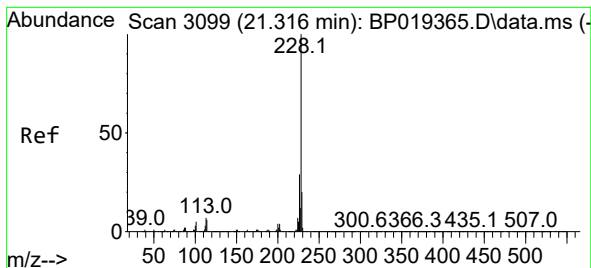
Ion Ratio Lower Upper

149 100

167 28.9 22.9 34.3

279 6.2 4.6 7.0





#87

Chrysene

Concen: 34.180 ng/ul

RT: 21.316 min Scan# 3099

Delta R.T. -0.006 min

Lab File: BP019381.D

Acq: 15 Jan 2024 20:38

Instrument :

BNA_P

ClientSampleId :

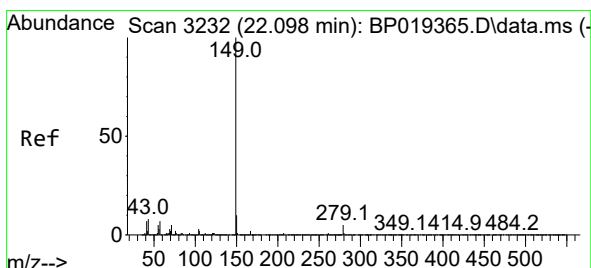
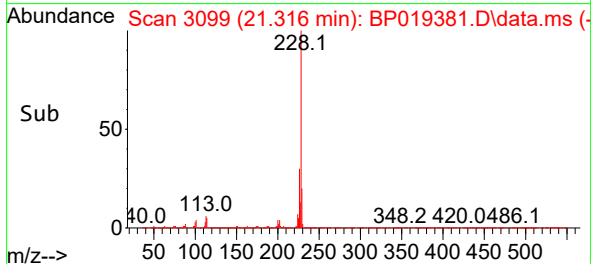
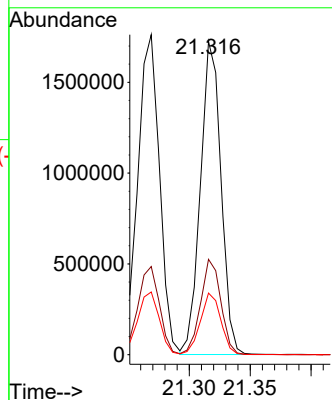
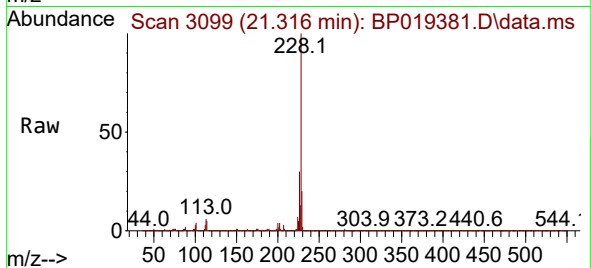
Tgt Ion:228 Resp: 2028429

Ion Ratio Lower Upper

228 100

226 30.4 23.9 35.9

229 19.6 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 32.399 ng/ul

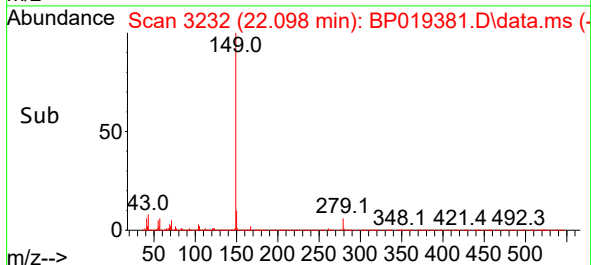
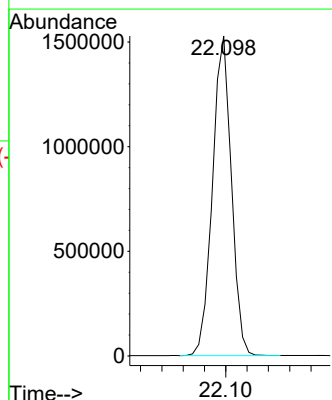
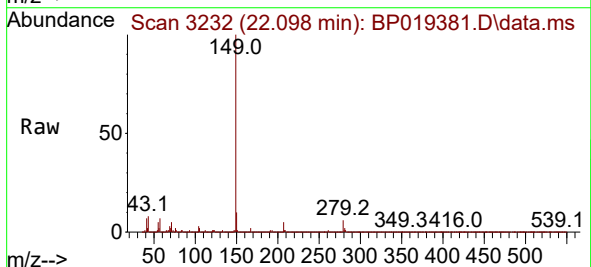
RT: 22.098 min Scan# 3232

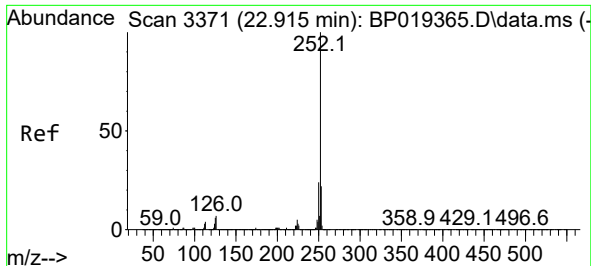
Delta R.T. -0.006 min

Lab File: BP019381.D

Acq: 15 Jan 2024 20:38

Tgt Ion:149 Resp: 1873291

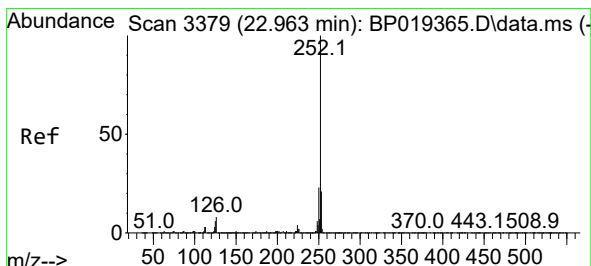
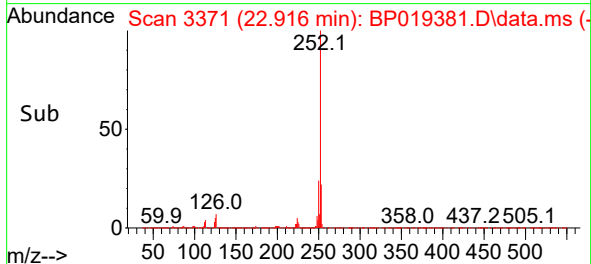
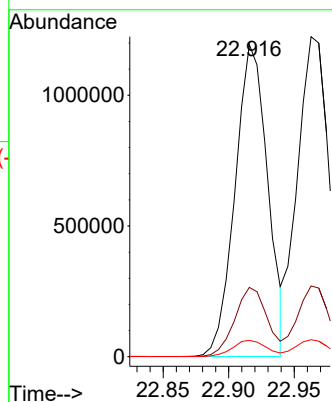
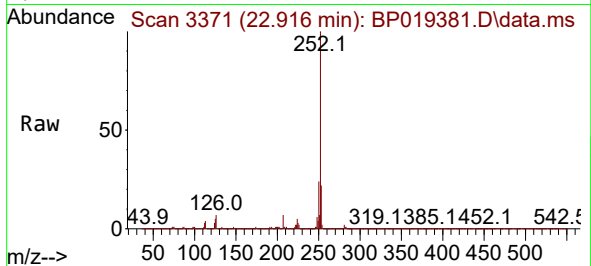




#90
Benzo(b)fluoranthene
Concen: 34.080 ng/ul
RT: 22.916 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP019381.D
Acq: 15 Jan 2024 20:38

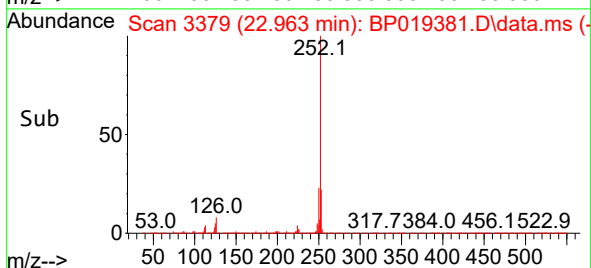
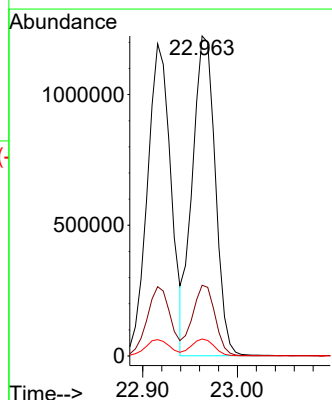
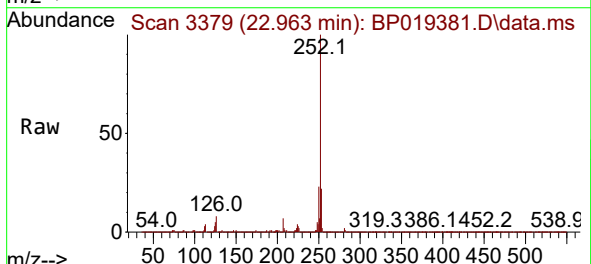
Instrument :
BNA_P
ClientSampleId :

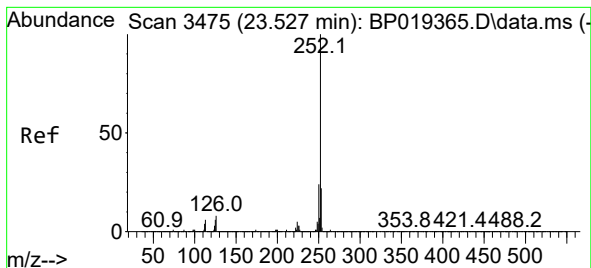
Tgt Ion:252 Resp: 2063123
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 5.3 4.9 7.3



#91
Benzo(k)fluoranthene
Concen: 35.050 ng/ul
RT: 22.963 min Scan# 3379
Delta R.T. -0.006 min
Lab File: BP019381.D
Acq: 15 Jan 2024 20:38

Tgt Ion:252 Resp: 2058438
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 5.3 4.8 7.2





#93

Benzo(a)pyrene

Concen: 34.790 ng/ul

RT: 23.533 min Scan# 3475

Delta R.T. -0.006 min

Lab File: BP019381.D

Acq: 15 Jan 2024 20:38

Instrument :

BNA_P

ClientSampleId :

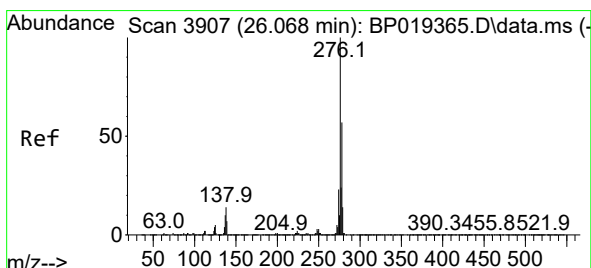
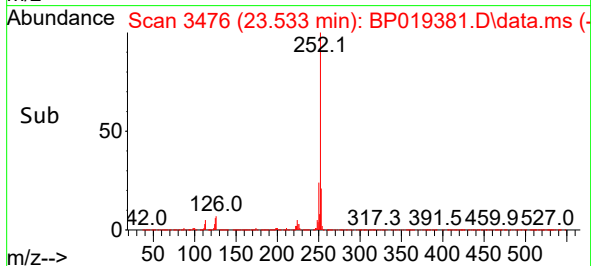
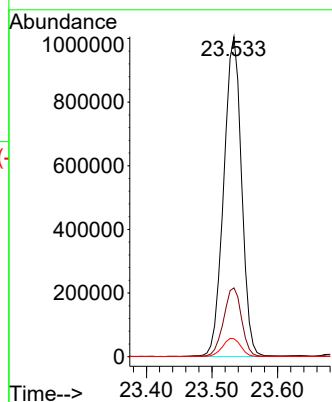
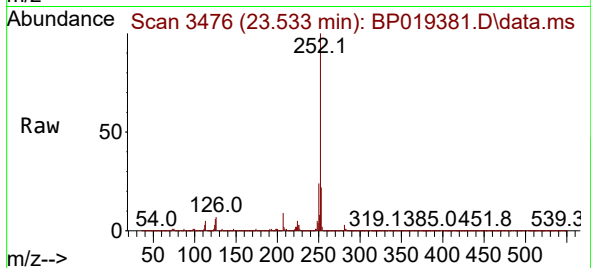
Tgt Ion:252 Resp: 1892513

Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

125 5.6 5.2 7.8



#94

Indeno(1,2,3-cd)pyrene

Concen: 32.782 ng/ul

RT: 26.080 min Scan# 3909

Delta R.T. -0.006 min

Lab File: BP019381.D

Acq: 15 Jan 2024 20:38

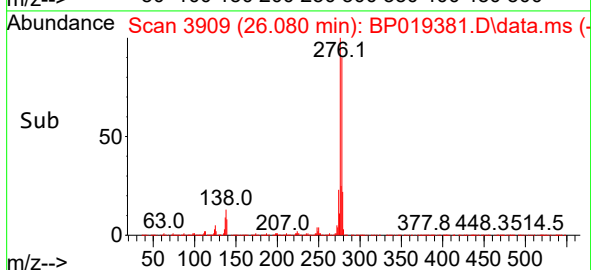
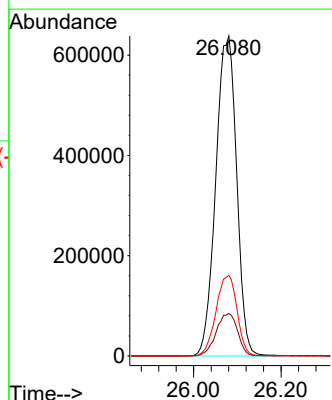
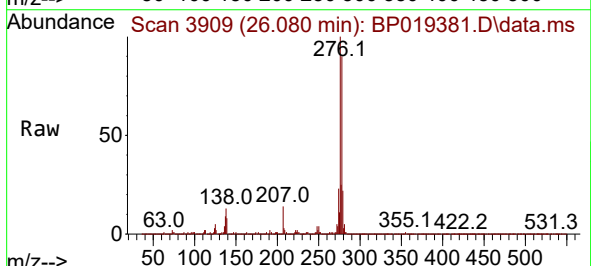
Tgt Ion:276 Resp: 2108957

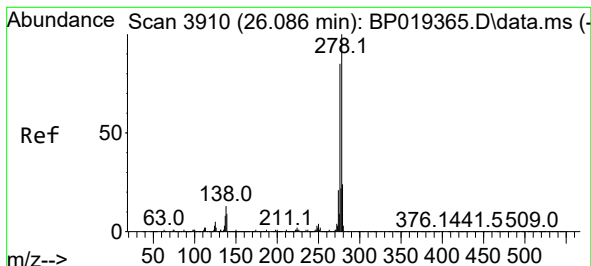
Ion Ratio Lower Upper

276 100

138 13.3 12.2 18.4

277 25.3 19.9 29.9





#95

Dibenzo(a,h)anthracene

Concen: 32.954 ng/ul

RT: 26.092 min Scan# 3911

Delta R.T. -0.006 min

Lab File: BP019381.D

Acq: 15 Jan 2024 20:38

Instrument :

BNA_P

ClientSampleId :

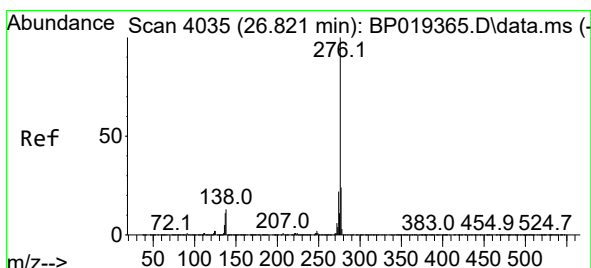
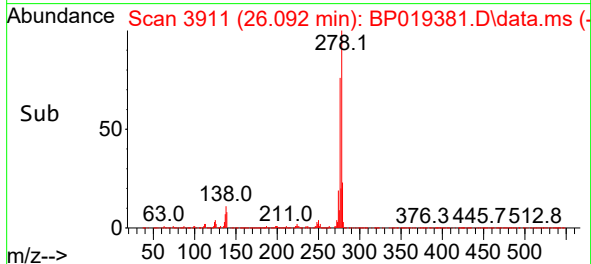
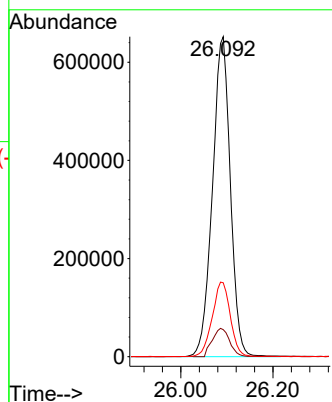
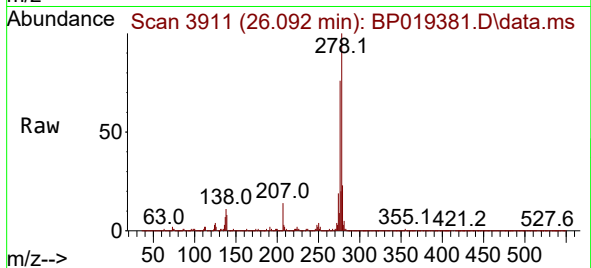
Tgt Ion:278 Resp: 1755026

Ion Ratio Lower Upper

278 100

139 8.5 7.4 11.2

279 23.1 18.7 28.1



#96

Benzo(g,h,i)perylene

Concen: 31.764 ng/ul

RT: 26.821 min Scan# 4035

Delta R.T. -0.012 min

Lab File: BP019381.D

Acq: 15 Jan 2024 20:38

Tgt Ion:276 Resp: 1641114

Ion Ratio Lower Upper

276 100

138 11.8 10.7 16.1

277 23.6 19.2 28.8

