

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051923\
 Data File : BP051923.D
 Acq On : 19 May 2023 13:06
 Operator : CG/JU
 Sample : 02664-02MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 JREA0MS

Quant Time: May 19 22:09:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 19 01:07:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.128	152	261661	20.000	ng/ul	0.00
20) Naphthalene-d8	10.957	136	1193200	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.763	164	765392	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.516	188	1719809	20.000	ng/ul	0.00
79) Chrysene-d12	21.592	240	1550227	20.000	ng/ul	0.00
88) Perylene-d12	24.151	264	1628553	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	13893	2.063	ng/uL	0.00
4) Pyridine-d5	3.887	84	38298	2.006	ng/ul	0.02
7) Phenol-d5	7.269	99	298666	12.294	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.446	67	188583	13.440	ng/ul	0.00
11) 2-Chlorophenol-d4	7.651	132	235942	13.209	ng/ul	0.00
15) 4-Methylphenol-d8	8.834	113	226366	11.693	ng/ul	0.00
21) Nitrobenzene-d5	9.298	128	120756	12.879	ng/ul	0.00
24) 2-Nitrophenol-d4	10.028	143	136168	13.052	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.569	165	264060	14.027	ng/ul	0.00
31) 4-Chloroaniline-d4	11.092	131	298367	10.712	ng/ul	0.00
46) Dimethylphthalate-d6	14.163	166	868829	15.022	ng/ul	0.00
49) Acenaphthylene-d8	14.457	160	967016	14.619	ng/ul	0.00
54) 4-Nitrophenol-d4	14.951	143	149135	13.279	ng/ul	0.00
60) Fluorene-d10	15.757	176	759924	15.571	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	129040	11.906	ng/ul	0.00
73) Anthracene-d10	17.616	188	1187980	15.085	ng/ul	0.00
81) Pyrene-d10	19.833	212	1467680	16.324	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.986	264	1310540	16.211	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.469	88	40113	5.543	ng/uL	95
5) Pyridine	3.905	79	49627	2.500	ng/ul#	92
6) Benzaldehyde	7.252	77	195824	29.325	ng/ul	99
8) Phenol	7.299	94	406862	16.332	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.540	93	310408	15.574	ng/ul	99
12) 2-Chlorophenol	7.681	128	287178	15.199	ng/ul	98
13) 2-Methylphenol	8.569	108	266727	13.853	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.651	45	413363	16.553	ng/ul	97
16) Acetophenone	8.957	105	600258	19.867	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.940	70	252205	15.916	ng/ul	97
18) 4-Methylphenol	8.898	108	310858	14.669	ng/ul	100
19) Hexachloroethane	9.216	117	117471	15.227	ng/ul	97
22) Nitrobenzene	9.345	77	370042	15.980	ng/ul	99
23) Isophorone	9.869	82	729953	15.336	ng/ul	100
25) 2-Nitrophenol	10.063	139	176127	15.395	ng/ul	99
26) 2,4-Dimethylphenol	10.116	107	144266	6.319	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.351	93	461538	15.937	ng/ul	98
29) 2,4-Dichlorophenol	10.598	162	305529	16.067	ng/ul	98
30) Naphthalene	11.004	128	1034062	15.940	ng/ul	100
32) 4-Chloroaniline	11.116	127	314502	10.986	ng/ul	98
33) Hexachlorobutadiene	11.287	225	187145	16.329	ng/ul	97
34) Caprolactam	11.887	113	105842	14.763	ng/ul	91
35) 4-Chloro-3-methylphenol	12.222	107	349454	16.275	ng/ul	99
36) 2-Methylnaphthalene	12.604	142	716827	16.400	ng/ul	99

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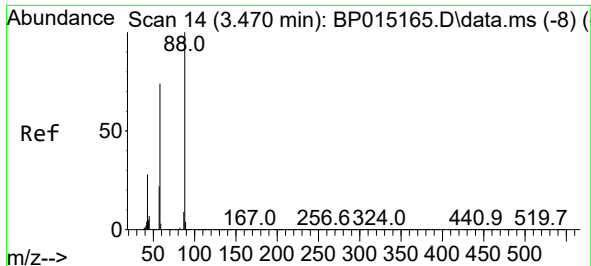
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.822	142	739678	16.852	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.963	216	385824	16.855	ng/ul	97
40) Hexachlorocyclopentadiene	12.939	237	145631	9.819	ng/ul	98
41) 2,4,6-Trichlorophenol	13.204	196	253968	15.712	ng/ul	98
42) 2,4,5-Trichlorophenol	13.275	196	289218	16.502	ng/ul	99
43) 1,1'-Biphenyl	13.598	154	981089	16.521	ng/ul	98
44) 2-Chloronaphthalene	13.645	162	763496	16.463	ng/ul	99
45) 2-Nitroaniline	13.845	65	222658	16.780	ng/ul	93
47) Dimethylphthalate	14.216	163	1007540	16.727	ng/ul	99
48) 2,6-Dinitrotoluene	14.339	165	200849	16.831	ng/ul	96
50) Acenaphthylene	14.486	152	1208327	16.371	ng/ul	100
51) 3-Nitroaniline	14.669	138	197735	18.402	ng/ul	94
52) Acenaphthene	14.828	153	837510	16.614	ng/ul	99
53) 2,4-Dinitrophenol	14.875	184	100069	12.630	ng/ul	98
55) 4-Nitrophenol	14.963	109	140400	16.997	ng/ul	97
56) Dibenzofuran	15.163	168	1184461	16.893	ng/ul	98
57) 2,4-Dinitrotoluene	15.122	165	296041	17.144	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.386	232	253021	17.106	ng/ul	97
59) Diethylphthalate	15.569	149	1036378	17.251	ng/ul	100
61) Fluorene	15.810	166	973428	17.276	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.798	204	470091	17.075	ng/ul	97
63) 4-Nitroaniline	15.828	138	208729	22.494	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.886	198	170690	15.260	ng/ul	96
67) N-Nitrosodiphenylamine	16.016	169	841417	16.639	ng/ul	99
68) 4-Bromophenyl-phenylether	16.698	248	300636	16.971	ng/ul	99
69) Hexachlorobenzene	16.816	284	367713	17.566	ng/ul	99
70) Atrazine	16.963	200	196036	10.488	ng/ul	98
71) Pentachlorophenol	17.163	266	241315	18.429	ng/ul	99
72) Phenanthrene	17.557	178	1648575	17.604	ng/ul	99
74) Anthracene	17.651	178	1605405	16.952	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.569	216	391898	16.072	ng/ul	98
76) Pentachlorobenzene	15.081	250	400922	16.375	ng/ul	99
77) Carbazole	17.916	167	1514716	18.241	ng/ul	100
78) Di-n-butylphthalate	18.445	149	1942099	18.161	ng/ul	100
80) Fluoranthene	19.510	202	2093207	19.101	ng/ul	99
82) Pyrene	19.863	202	2172922	19.201	ng/ul	98
83) Butylbenzylphthalate	20.715	149	898069	17.901	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.498	252	434168	12.752	ng/ul	99
85) Benzo(a)anthracene	21.574	228	2014222	18.791	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.474	149	1317098	18.235	ng/ul	100
87) Chrysene	21.633	228	1957860	19.107	ng/ul	98
89) Di-n-octyl phthalate	22.451	149	2098163	18.812	ng/ul	100
90) Benzo(b)fluoranthene	23.362	252	2076709	20.115	ng/ul	99
91) Benzo(k)fluoranthene	23.415	252	1949752	19.668	ng/ul	99
93) Benzo(a)pyrene	24.039	252	1643180	18.006	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.856	276	1904919	16.122	ng/ul	100
95) Dibenzo(a,h)anthracene	26.880	278	1510418	15.572	ng/ul	99
96) Benzo(g,h,i)perylene	27.692	276	1530615	15.886	ng/ul	100

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

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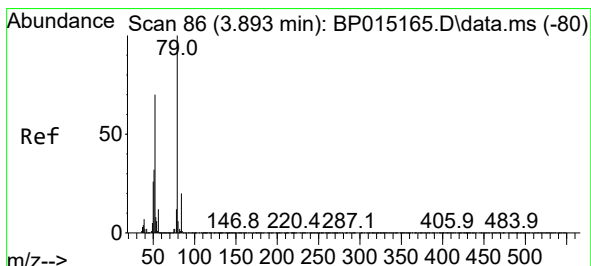
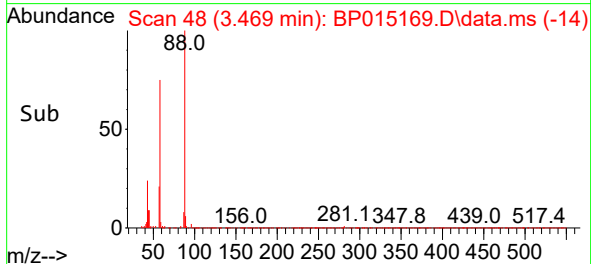
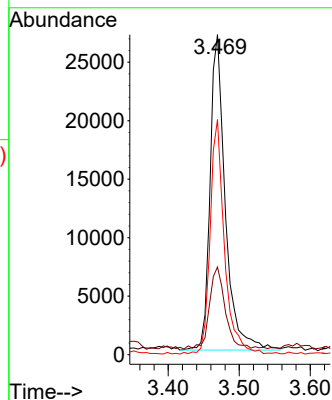
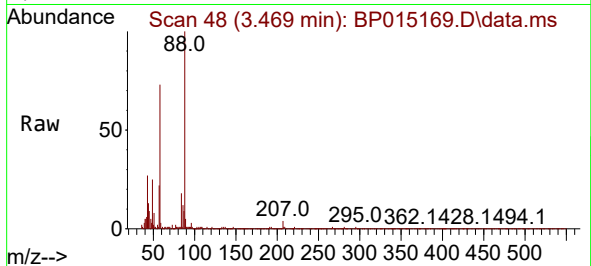




#2
1,4-Dioxane
Concen: 5.543 ng/uL
RT: 3.469 min Scan# 41
Delta R.T. -0.000 min
Lab File: BP015169.D
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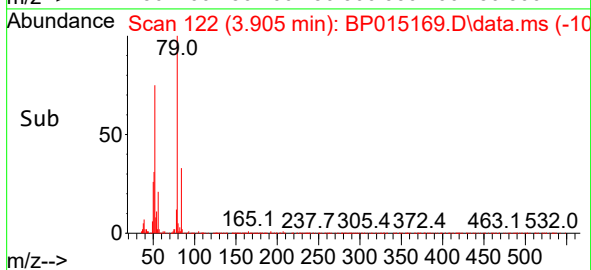
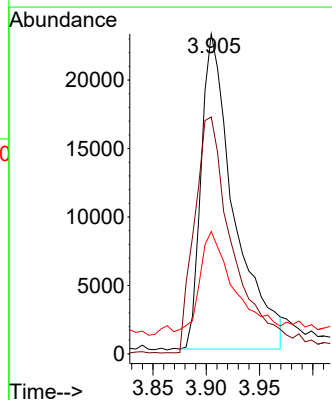
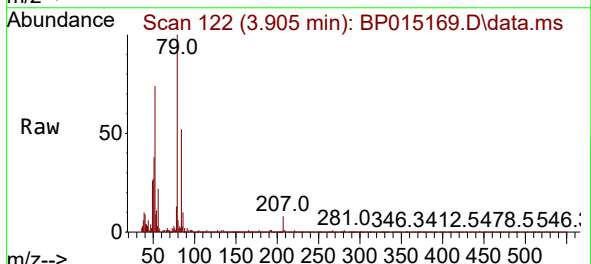
Instrument :
BNA_P
ClientSampleId :
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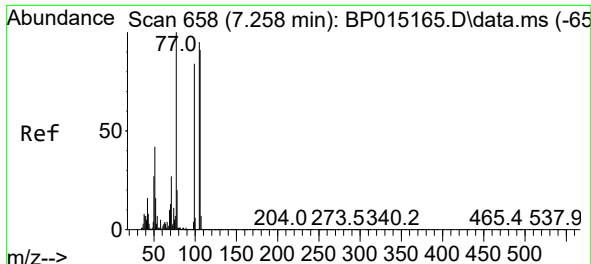
Tgt Ion: 88	Resp: 40113
Ion Ratio	Lower Upper
88 100	
43 27.4	20.4 30.6
58 73.4	55.4 83.2



#5
Pyridine
Concen: 2.500 ng/uL
RT: 3.905 min Scan# 122
Delta R.T. 0.012 min
Lab File: BP015169.D
Acq: 19 May 2023 13:06

Tgt Ion: 79	Resp: 49627
Ion Ratio	Lower Upper
79 100	
52 74.0	55.4 83.2
51 38.2	25.4 38.2

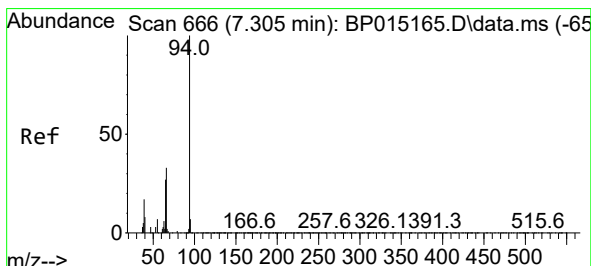
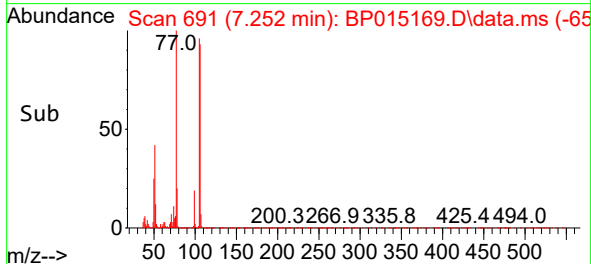
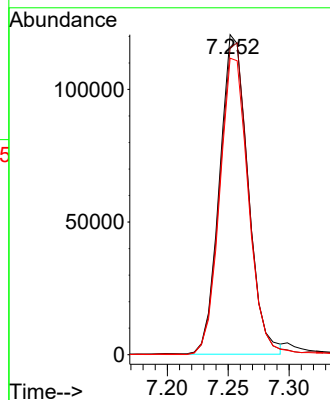
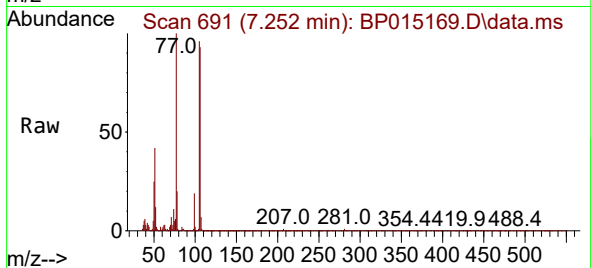




#6
Benzaldehyde
Concen: 29.325 ng/ul
RT: 7.252 min Scan# 691
Delta R.T. -0.006 min
Lab File: BP015169.D
Acq: 19 May 2023 13:06

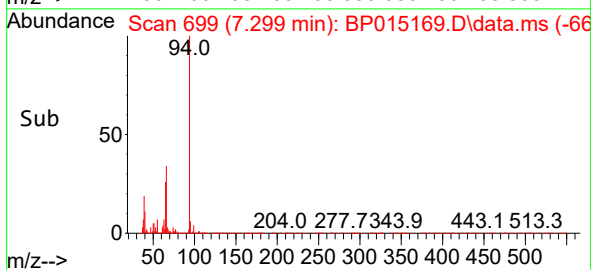
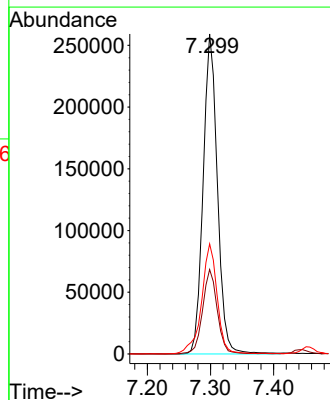
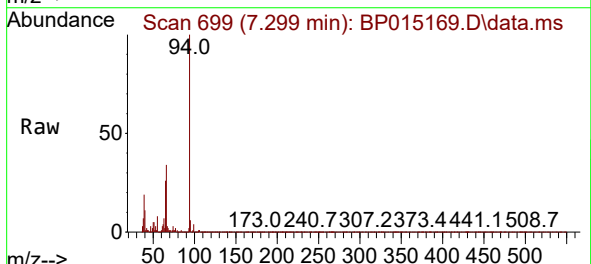
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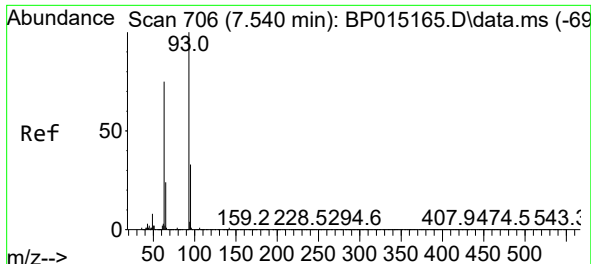
Tgt Ion: 77 Resp: 195824
Ion Ratio Lower Upper
77 100
105 95.8 76.9 115.3
106 92.7 75.0 112.6



#8
Phenol
Concen: 16.332 ng/ul
RT: 7.299 min Scan# 699
Delta R.T. -0.006 min
Lab File: BP015169.D
Acq: 19 May 2023 13:06

Tgt Ion: 94 Resp: 406862
Ion Ratio Lower Upper
94 100
65 26.4 20.6 31.0
66 34.4 26.1 39.1

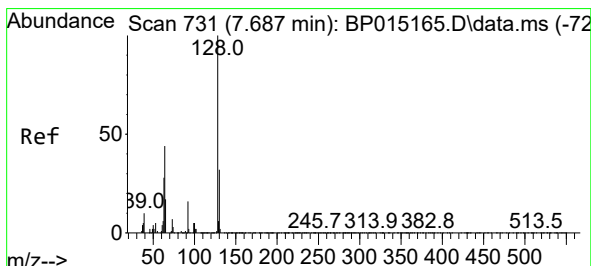
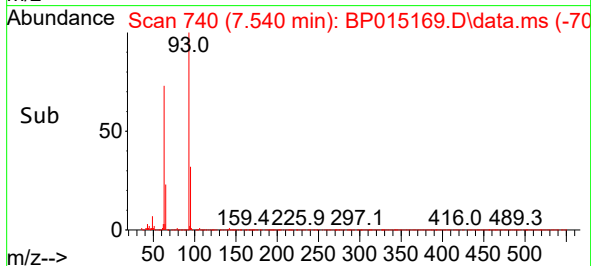
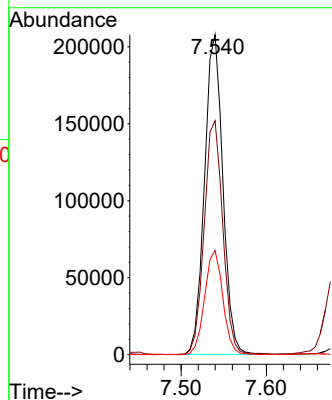
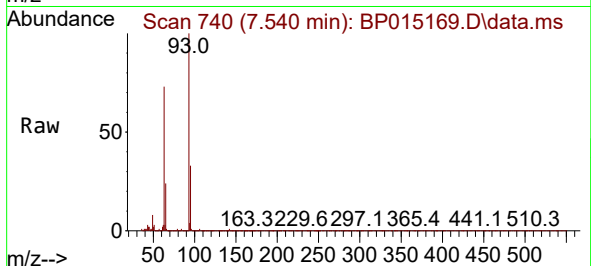




#10
Bis(2-Chloroethyl)ether
Concen: 15.574 ng/ul
RT: 7.540 min Scan# 740
Delta R.T. -0.000 min
Lab File: BP015169.D
Acq: 19 May 2023 13:06

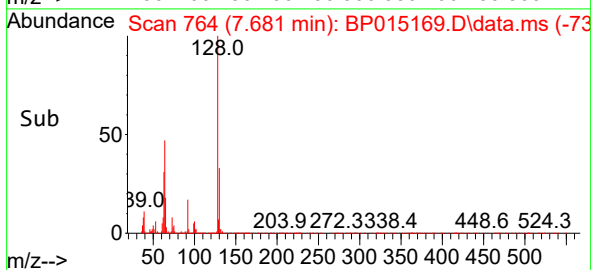
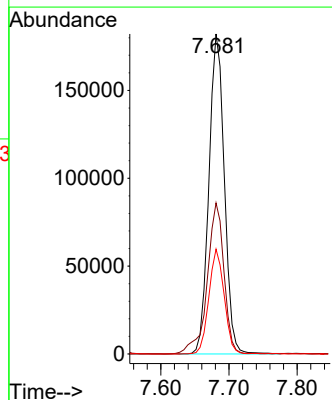
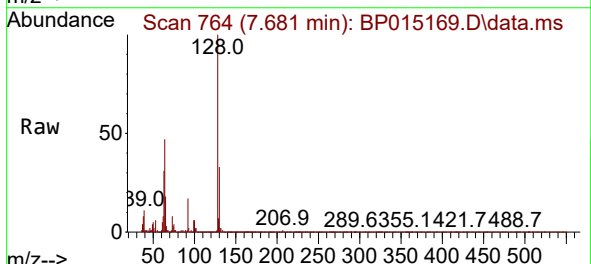
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ClientSampleId :
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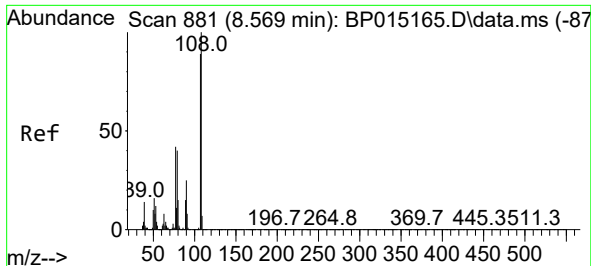
Tgt Ion: 93 Resp: 310408
Ion Ratio Lower Upper
93 100
63 73.1 58.0 87.0
95 32.6 26.4 39.6



#12
2-Chlorophenol
Concen: 15.199 ng/ul
RT: 7.681 min Scan# 764
Delta R.T. -0.006 min
Lab File: BP015169.D
Acq: 19 May 2023 13:06

Tgt Ion:128 Resp: 287178
Ion Ratio Lower Upper
128 100
64 47.2 36.2 54.2
130 32.7 26.3 39.5





#13

2-Methylphenol

Concen: 13.853 ng/ul

RT: 8.569 min Scan# 91

Delta R.T. -0.000 min

Lab File: BP015169.D

Acq: 19 May 2023 13:06

Instrument :

BNA_P

ClientSampleId :

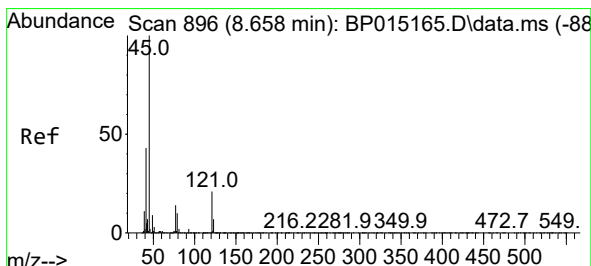
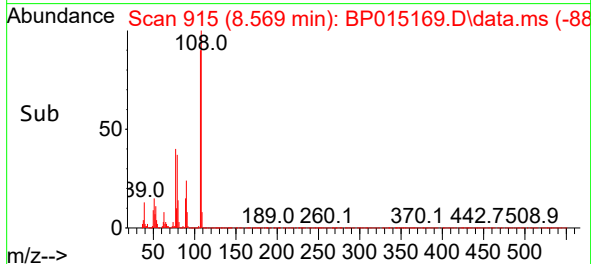
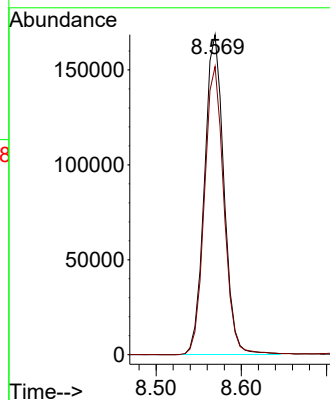
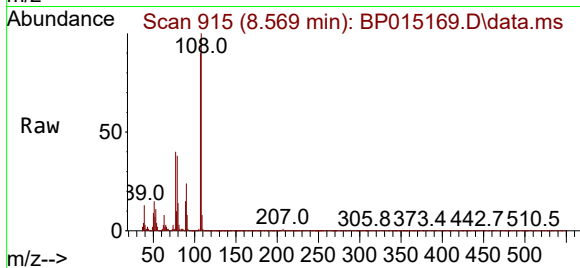
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Tgt Ion:108 Resp: 266727

Ion Ratio Lower Upper

108 100

107 90.1 71.8 107.6



#14

2,2'-oxybis(1-Chloropropane)

Concen: 16.553 ng/ul

RT: 8.651 min Scan# 929

Delta R.T. -0.012 min

Lab File: BP015169.D

Acq: 19 May 2023 13:06

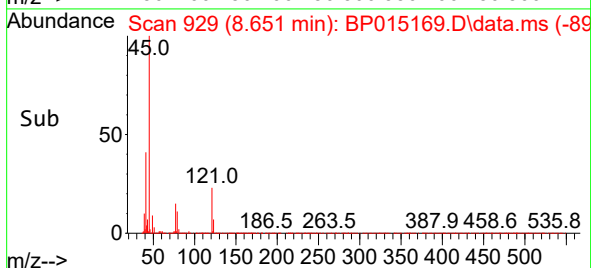
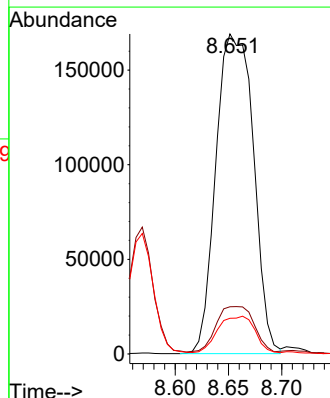
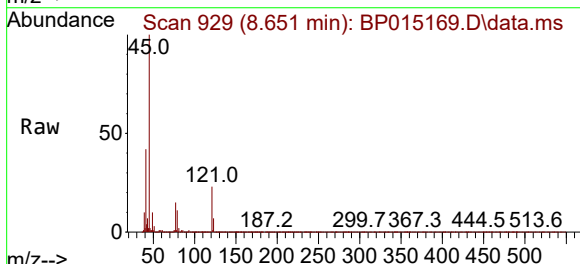
Tgt Ion: 45 Resp: 413363

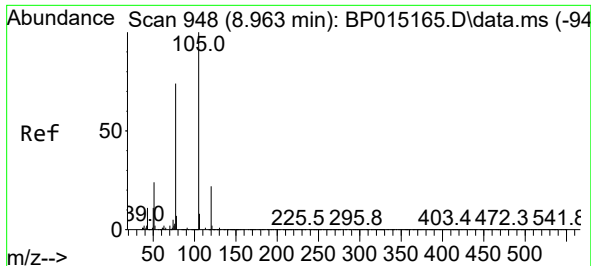
Ion Ratio Lower Upper

45 100

77 14.7 12.8 19.2

79 11.2 9.5 14.3

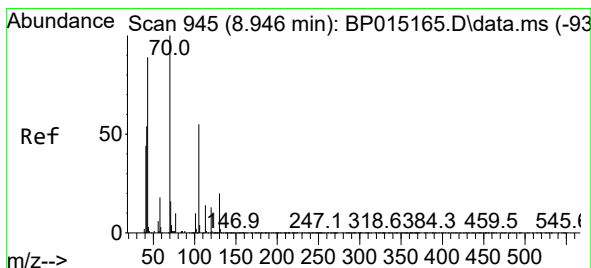
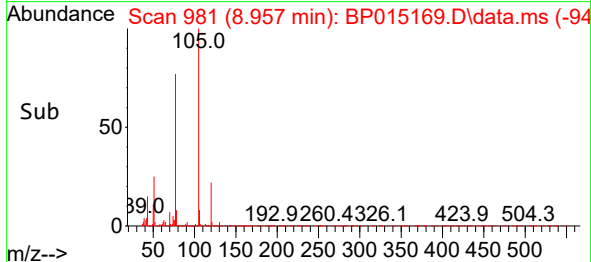
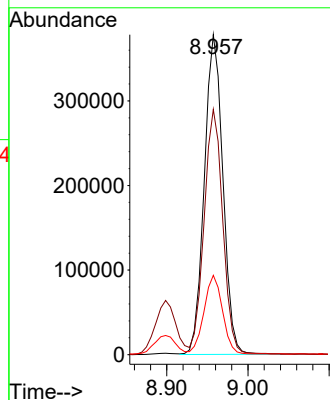
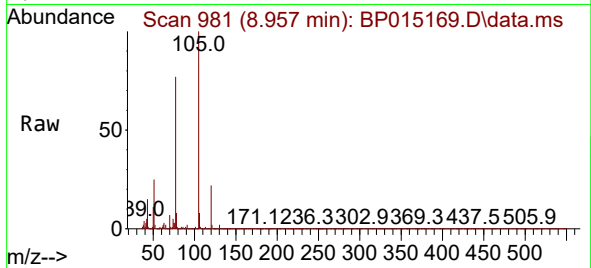




#16
Acetophenone
Concen: 19.867 ng/ul
RT: 8.957 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP015169.D
Acq: 19 May 2023 13:06

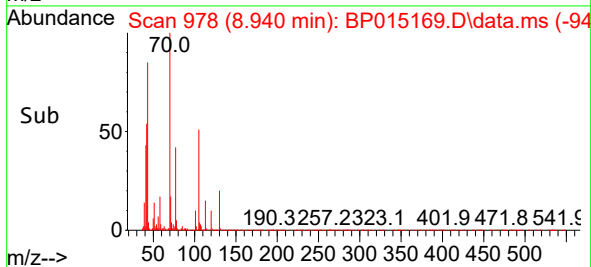
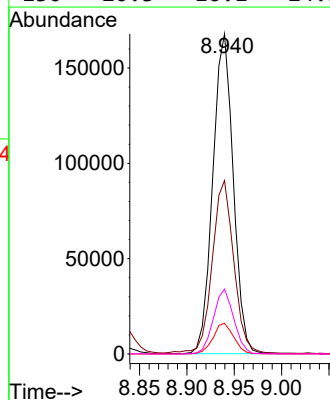
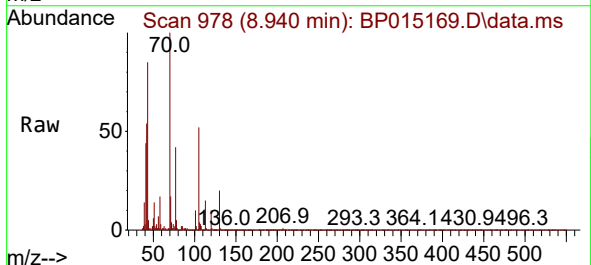
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ClientSampleId :
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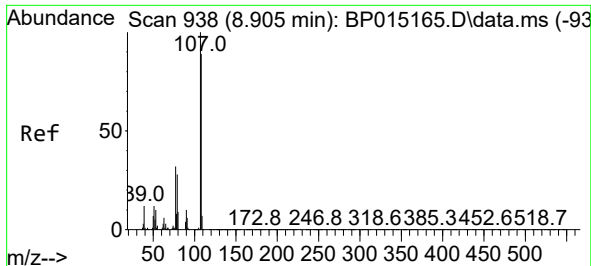
Tgt Ion:105 Resp: 600258
Ion Ratio Lower Upper
105 100
77 76.7 59.4 89.2
51 24.8 19.2 28.8



#17
N-Nitroso-di-n-propylamine
Concen: 15.916 ng/ul
RT: 8.940 min Scan# 978
Delta R.T. -0.006 min
Lab File: BP015169.D
Acq: 19 May 2023 13:06

Tgt Ion: 70 Resp: 252205
Ion Ratio Lower Upper
70 100
42 54.2 41.0 61.6
101 9.6 7.9 11.9
130 20.3 16.1 24.1

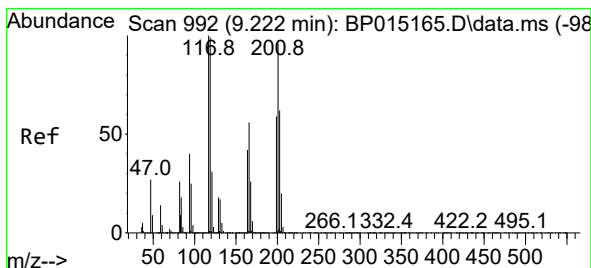
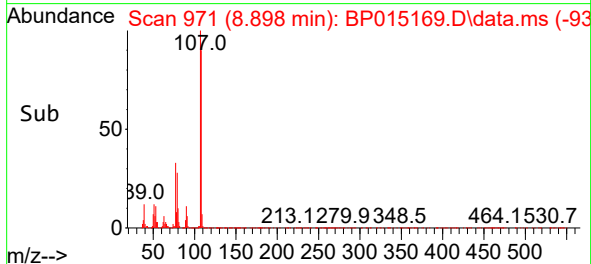
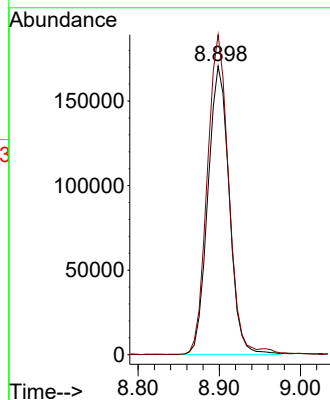
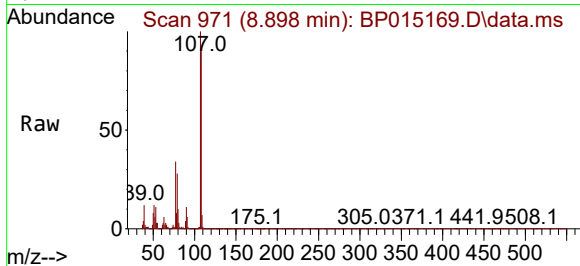




#18
4-Methylphenol
Concen: 14.669 ng/ul
RT: 8.898 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP015169.D
Acq: 19 May 2023 13:06

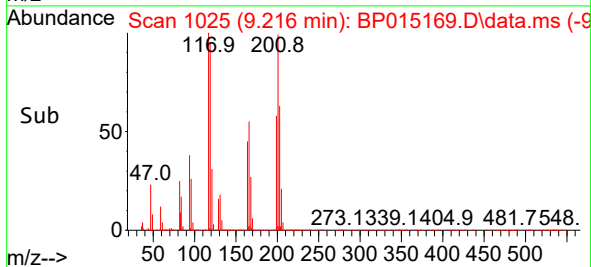
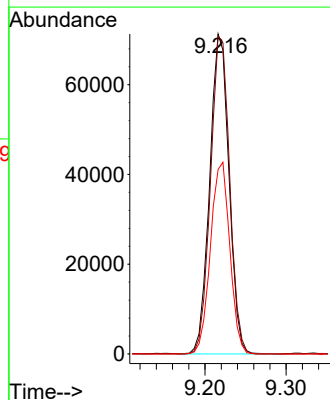
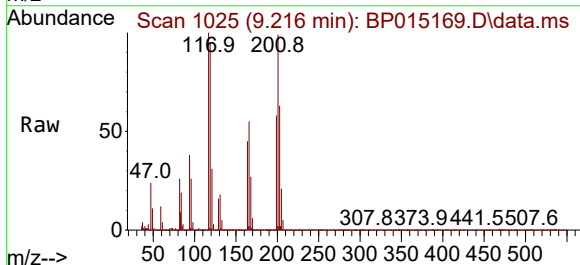
Instrument :
BNA_P
ClientSampleId :
JREA0MS

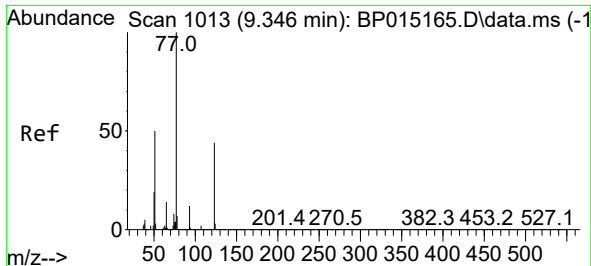
Tgt Ion:108 Resp: 310858
Ion Ratio Lower Upper
108 100
107 110.8 88.5 132.7



#19
Hexachloroethane
Concen: 15.227 ng/ul
RT: 9.216 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BP015169.D
Acq: 19 May 2023 13:06

Tgt Ion:117 Resp: 117471
Ion Ratio Lower Upper
117 100
201 99.3 75.8 113.8
199 57.7 46.5 69.7

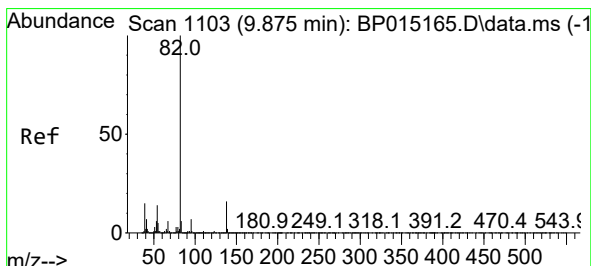
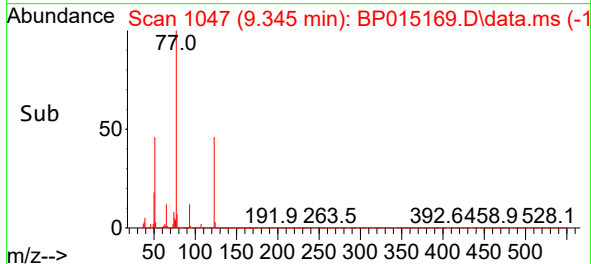
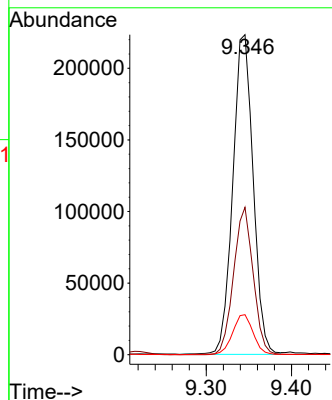
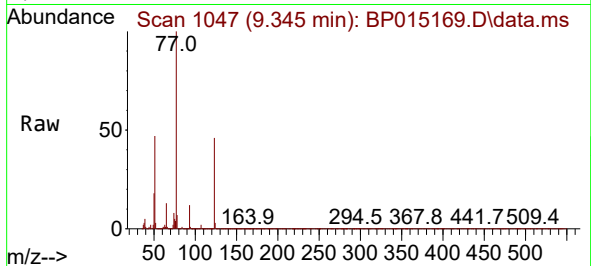




#22
Nitrobenzene
Concen: 15.980 ng/ul
RT: 9.345 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BP015169.D
Acq: 19 May 2023 13:06

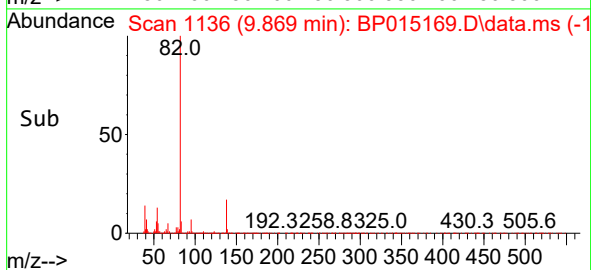
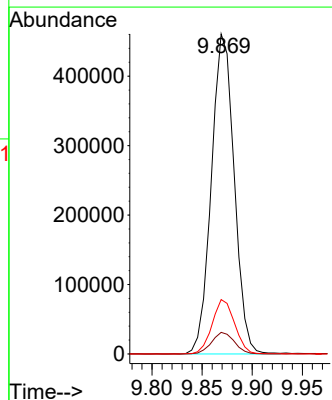
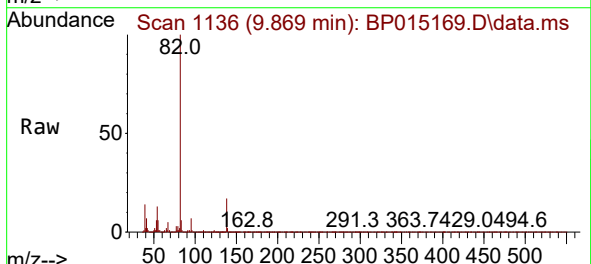
Instrument :
BNA_P
ClientSampleId :
JREA0MS

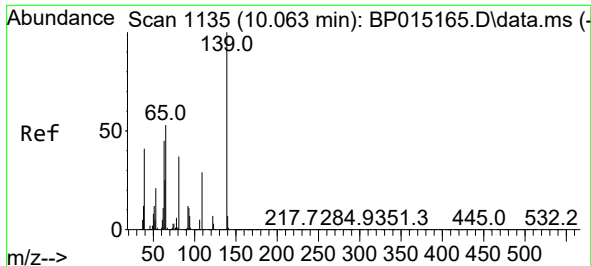
Tgt Ion: 77 Resp: 370042
Ion Ratio Lower Upper
77 100
123 46.0 36.2 54.2
65 12.5 10.1 15.1



#23
Isophorone
Concen: 15.336 ng/ul
RT: 9.869 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BP015169.D
Acq: 19 May 2023 13:06

Tgt Ion: 82 Resp: 729953
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.0
138 17.0 13.6 20.4

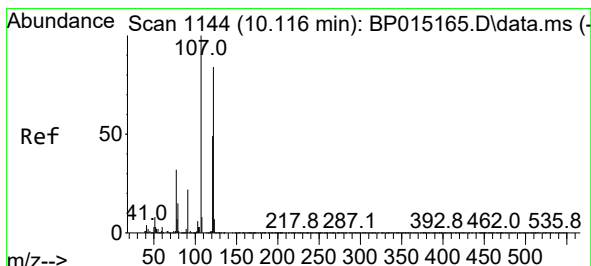
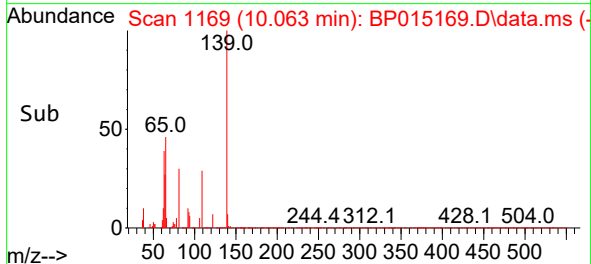
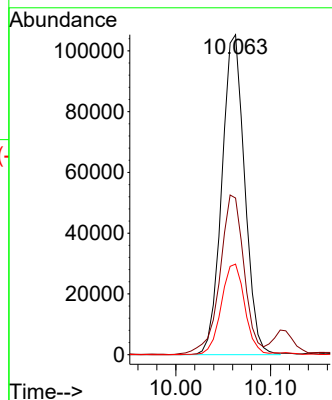
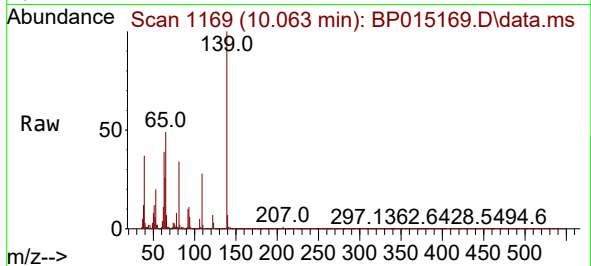




#25
2-Nitrophenol
Concen: 15.395 ng/ul
RT: 10.063 min Scan# 1135
Delta R.T. -0.000 min
Lab File: BP015169.D
Acq: 19 May 2023 13:06

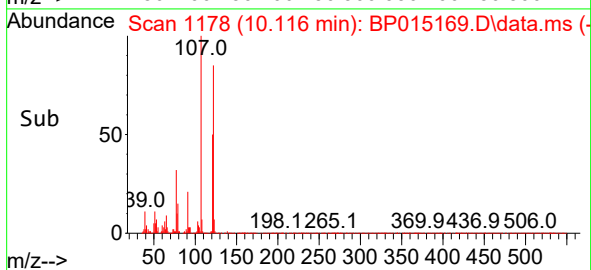
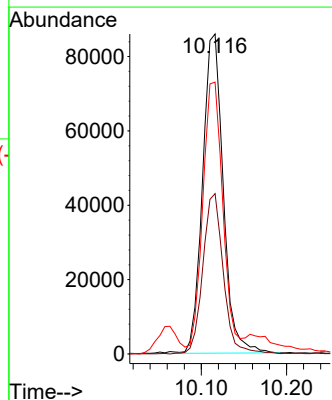
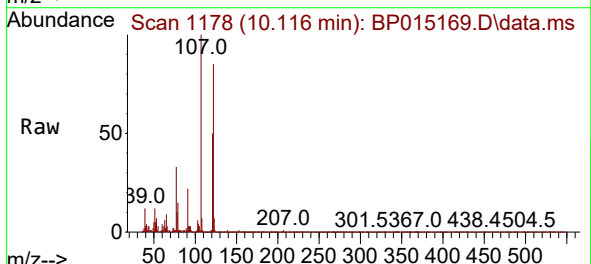
Instrument :
BNA_P
ClientSampleId :
JREA0MS

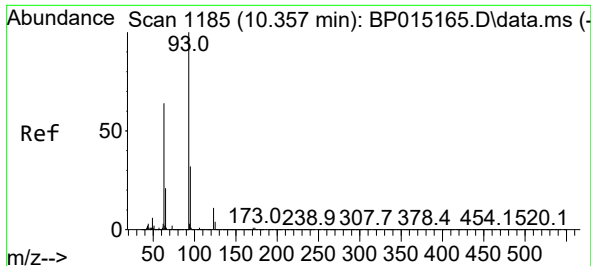
Tgt Ion:139 Resp: 176127
Ion Ratio Lower Upper
139 100
65 49.0 38.4 57.6
109 28.3 22.2 33.2



#26
2,4-Dimethylphenol
Concen: 6.319 ng/ul
RT: 10.116 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BP015169.D
Acq: 19 May 2023 13:06

Tgt Ion:107 Resp: 144266
Ion Ratio Lower Upper
107 100
121 50.1 41.0 61.6
122 84.9 69.5 104.3



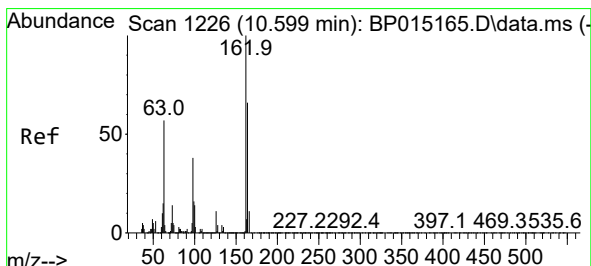
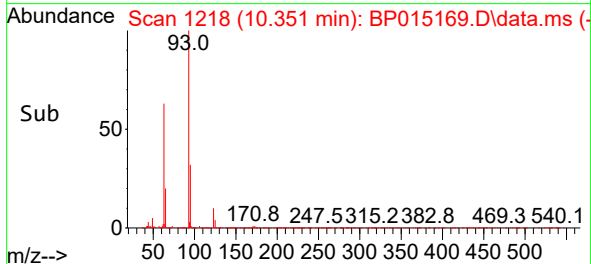
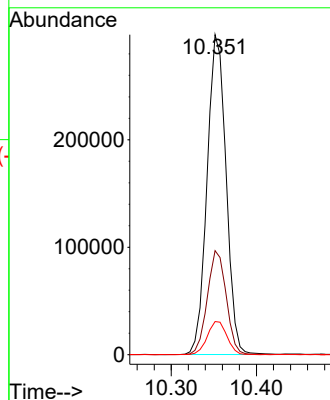
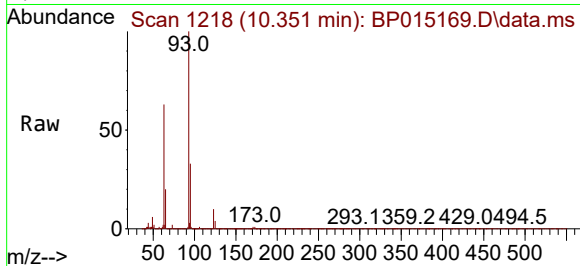


#27
 Bis(2-Chloroethoxy)methane
 Concen: 15.937 ng/ul
 RT: 10.351 min Scan# 1185
 Delta R.T. -0.006 min
 Lab File: BP015169.D
 Acq: 19 May 2023 13:06

Instrument :
 BNA_P
 ClientSampleId :
 JREA0MS

Tgt Ion: 93 Resp: 461538

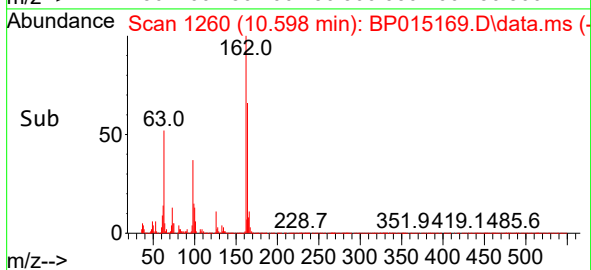
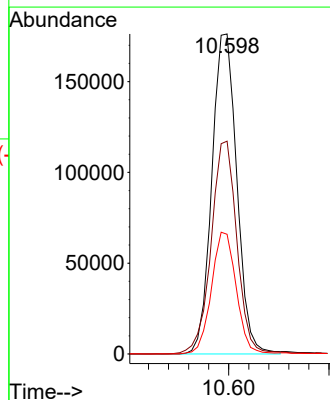
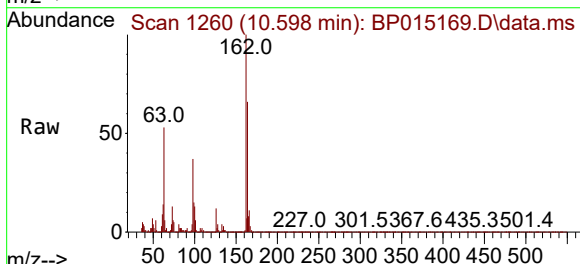
Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.7	40.1
123	10.3	9.1	13.7

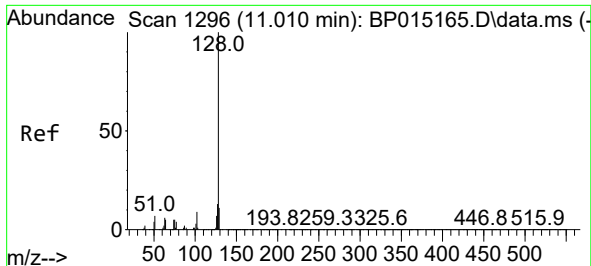


#29
 2,4-Dichlorophenol
 Concen: 16.067 ng/ul
 RT: 10.598 min Scan# 1260
 Delta R.T. -0.000 min
 Lab File: BP015169.D
 Acq: 19 May 2023 13:06

Tgt Ion: 162 Resp: 305529

Ion	Ratio	Lower	Upper
162	100		
164	66.5	52.0	78.0
98	37.4	28.9	43.3

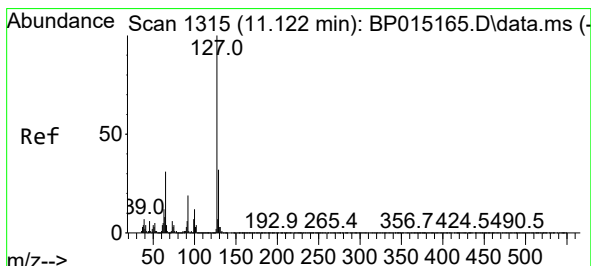
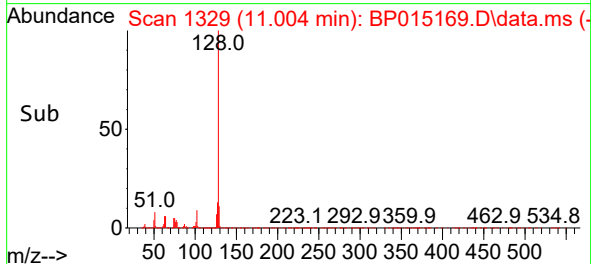
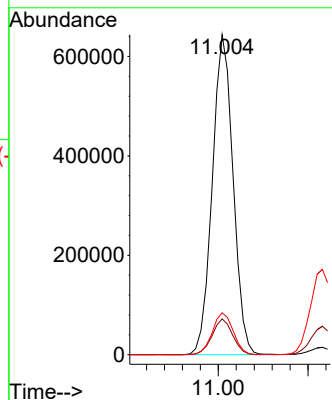
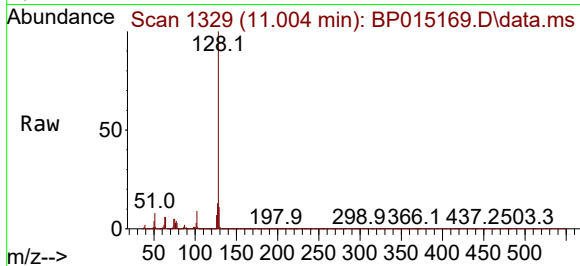




#30
Naphthalene
Concen: 15.940 ng/ul
RT: 11.004 min Scan# 11348
Delta R.T. -0.006 min
Lab File: BP015169.D
Acq: 19 May 2023 13:06

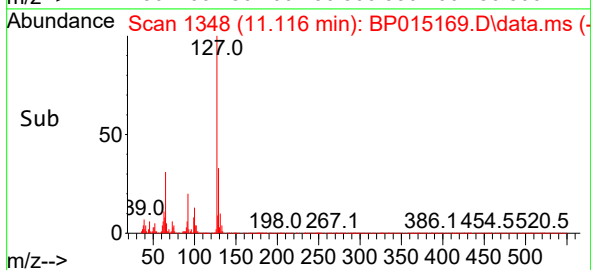
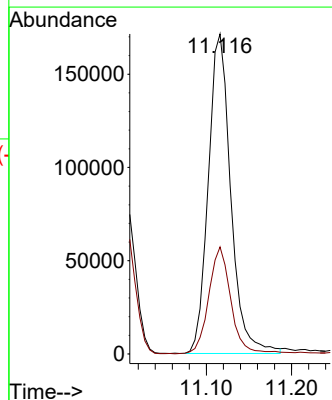
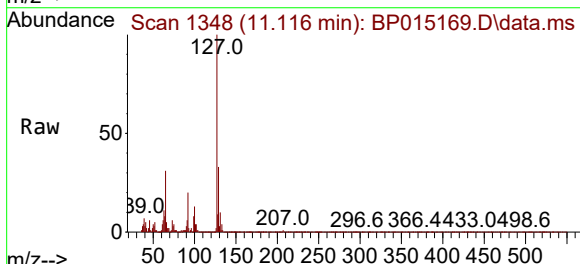
Instrument :
BNA_P
ClientSampleId :
JREA0MS

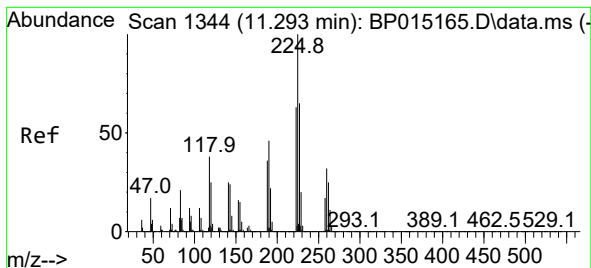
Tgt Ion:128 Resp: 1034062
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.1 10.6 15.8



#32
4-Chloroaniline
Concen: 10.986 ng/ul
RT: 11.116 min Scan# 1348
Delta R.T. -0.000 min
Lab File: BP015169.D
Acq: 19 May 2023 13:06

Tgt Ion:127 Resp: 314502
Ion Ratio Lower Upper
127 100
129 33.4 25.8 38.8





#33

Hexachlorobutadiene

Concen: 16.329 ng/ul

RT: 11.287 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP015169.D

Acq: 19 May 2023 13:06

Instrument :

BNA_P

ClientSampleId :

JREA0MS

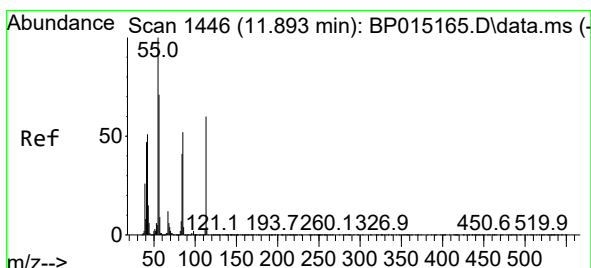
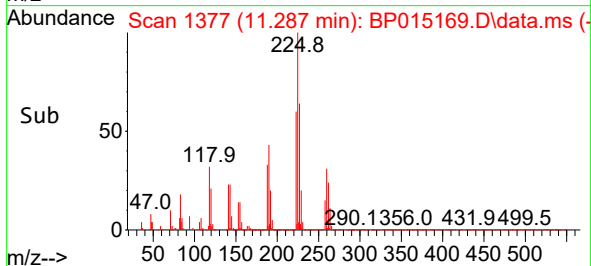
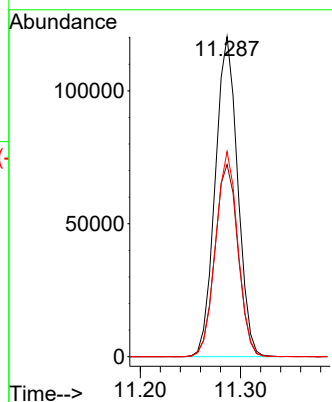
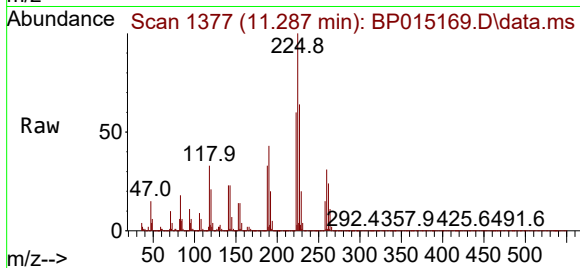
Tgt Ion:225 Resp: 187145

Ion Ratio Lower Upper

225 100

223 60.0 51.0 76.6

227 64.1 52.2 78.4



#34

Caprolactam

Concen: 14.763 ng/ul

RT: 11.887 min Scan# 1479

Delta R.T. -0.006 min

Lab File: BP015169.D

Acq: 19 May 2023 13:06

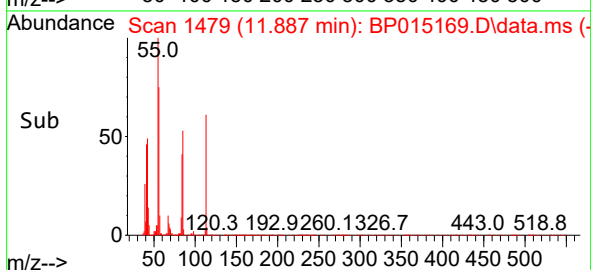
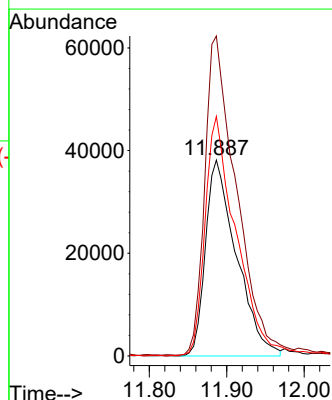
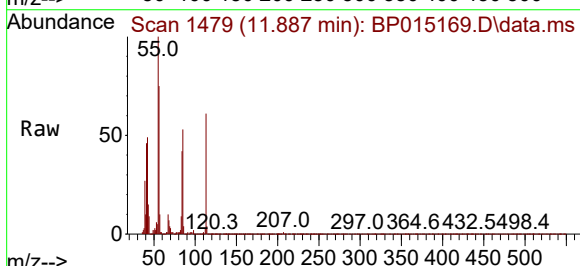
Tgt Ion:113 Resp: 105842

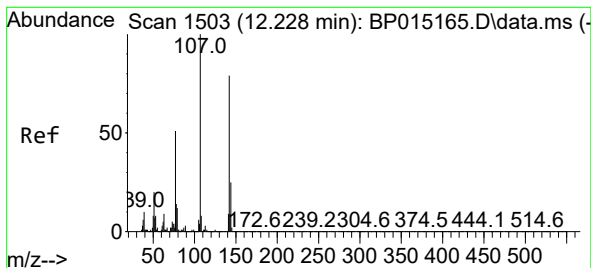
Ion Ratio Lower Upper

113 100

55 163.4 121.2 181.8

56 122.3 90.2 135.4

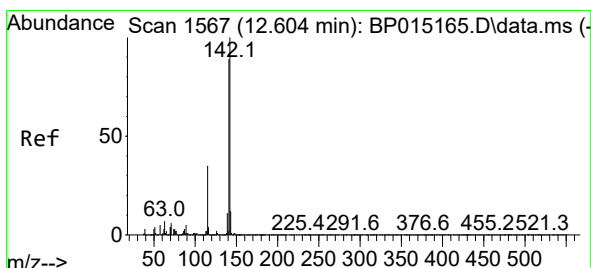
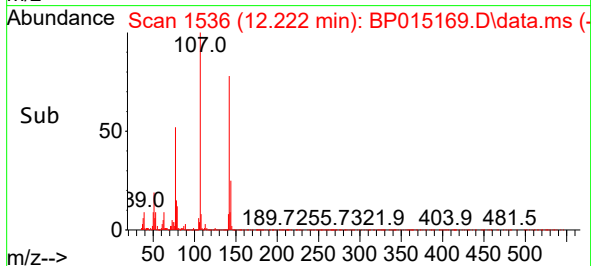
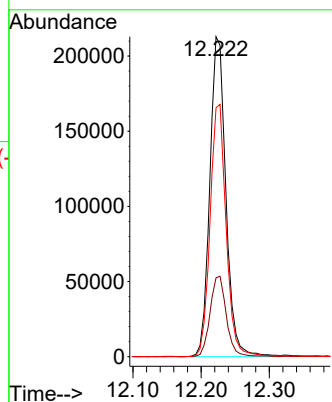
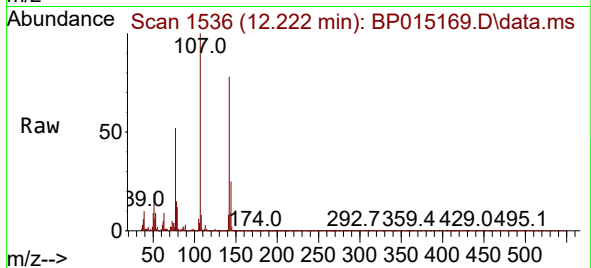




#35
4-Chloro-3-methylphenol
Concen: 16.275 ng/ul
RT: 12.222 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BP015169.D
Acq: 19 May 2023 13:06

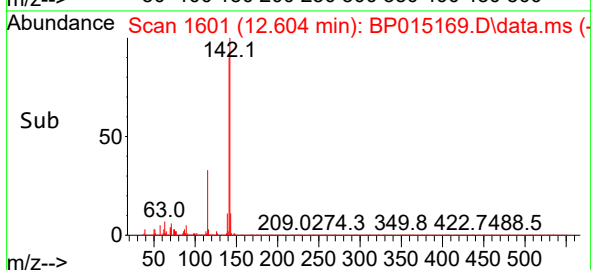
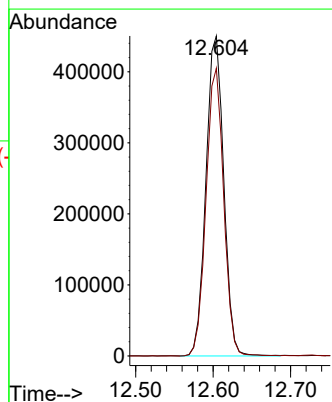
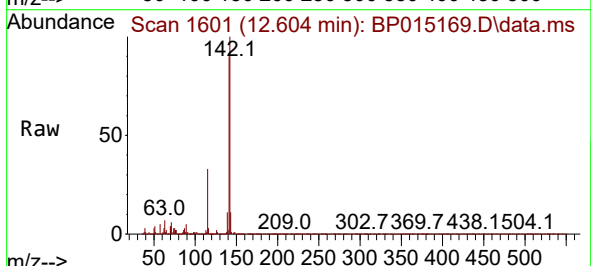
Instrument :
BNA_P
ClientSampleId :
JREA0MS

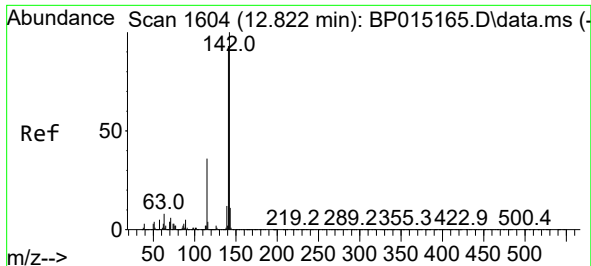
Tgt Ion:107 Resp: 349454
Ion Ratio Lower Upper
107 100
144 24.6 20.3 30.5
142 77.7 63.2 94.8



#36
2-Methylnaphthalene
Concen: 16.400 ng/ul
RT: 12.604 min Scan# 1601
Delta R.T. -0.000 min
Lab File: BP015169.D
Acq: 19 May 2023 13:06

Tgt Ion:142 Resp: 716827
Ion Ratio Lower Upper
142 100
141 89.9 71.0 106.6

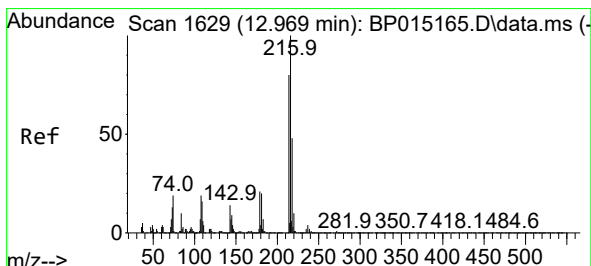
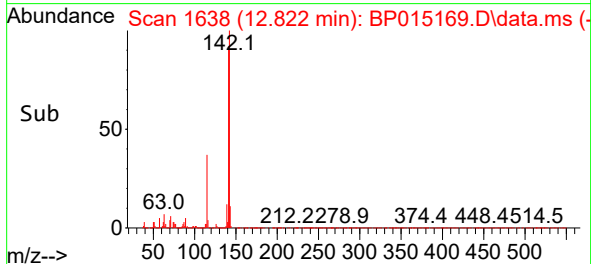
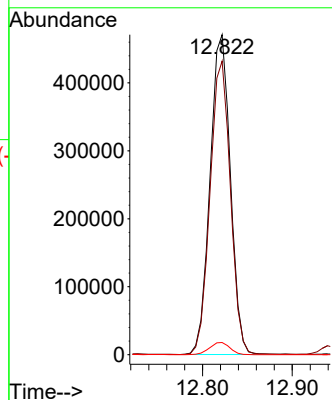
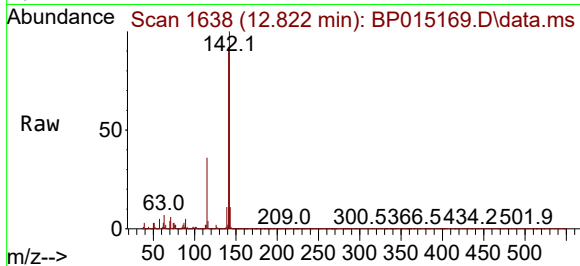




#37
1-Methylnaphthalene
Concen: 16.852 ng/ul
RT: 12.822 min Scan# 1662
Delta R.T. -0.000 min
Lab File: BP015169.D
Acq: 19 May 2023 13:06

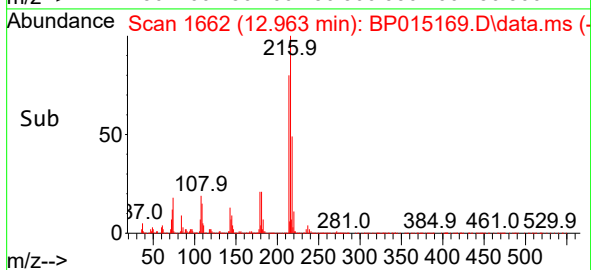
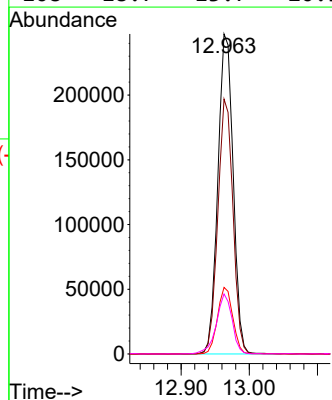
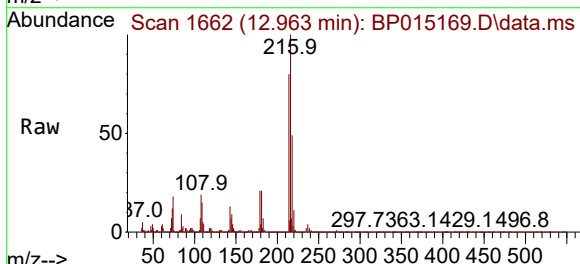
Instrument :
BNA_P
ClientSampleId :
JREA0MS

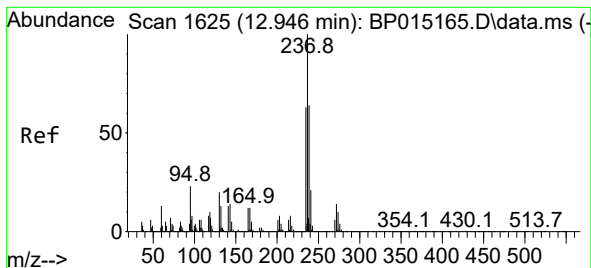
Tgt Ion:142 Resp: 739678
Ion Ratio Lower Upper
142 100
141 91.7 74.6 112.0
116 3.8 2.9 4.3



#39
1,2,4,5-Tetrachlorobenzene
Concen: 16.855 ng/ul
RT: 12.963 min Scan# 1662
Delta R.T. -0.006 min
Lab File: BP015169.D
Acq: 19 May 2023 13:06

Tgt Ion:216 Resp: 385824
Ion Ratio Lower Upper
216 100
214 79.6 61.4 92.0
179 20.8 15.9 23.9
108 18.7 13.7 20.5





#40

Hexachlorocyclopentadiene

Concen: 9.819 ng/ul

RT: 12.939 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP015169.D

Acq: 19 May 2023 13:06

Instrument :

BNA_P

ClientSampleId :

JREA0MS

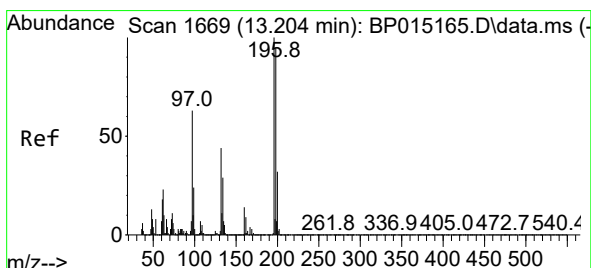
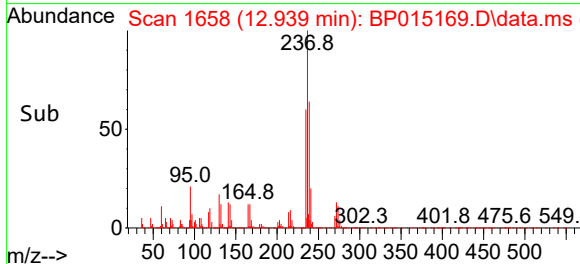
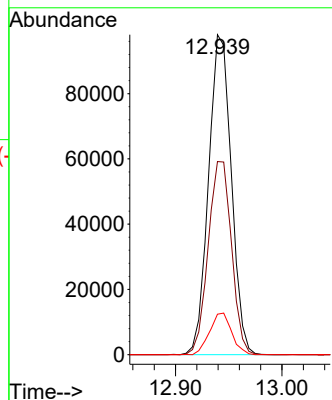
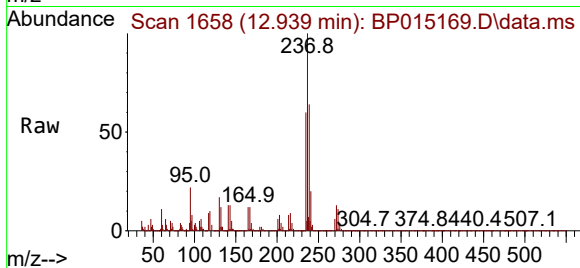
Tgt Ion:237 Resp: 145631

Ion Ratio Lower Upper

237 100

235 60.4 49.4 74.0

272 13.2 10.4 15.6



#41

2,4,6-Trichlorophenol

Concen: 15.712 ng/ul

RT: 13.204 min Scan# 1703

Delta R.T. -0.000 min

Lab File: BP015169.D

Acq: 19 May 2023 13:06

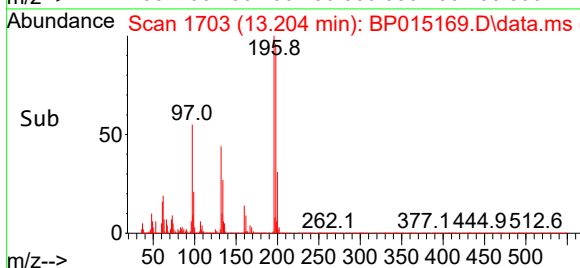
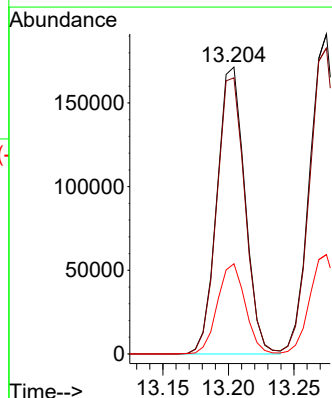
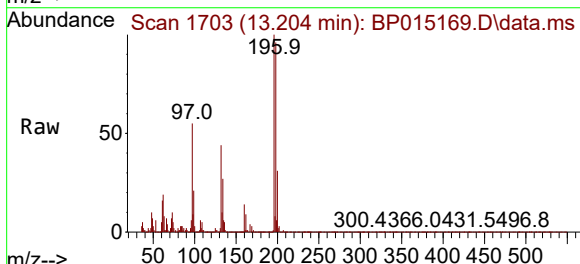
Tgt Ion:196 Resp: 253968

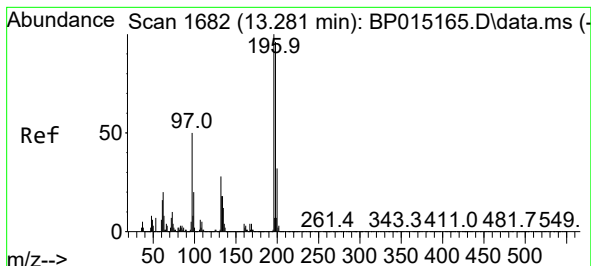
Ion Ratio Lower Upper

196 100

198 96.3 75.5 113.3

200 31.5 23.6 35.4





#42

2,4,5-Trichlorophenol

Concen: 16.502 ng/ul

RT: 13.275 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP015169.D

Acq: 19 May 2023 13:06

Instrument :

BNA_P

ClientSampleId :

JREA0MS

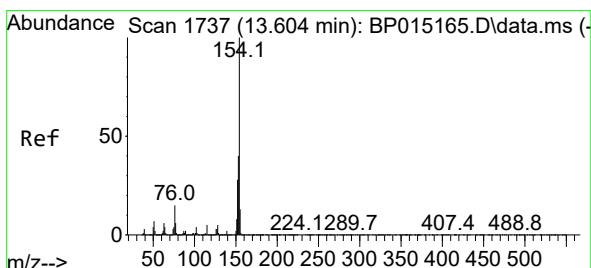
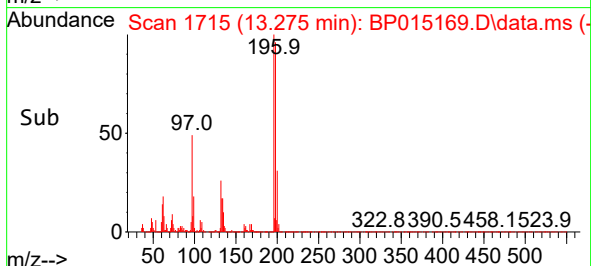
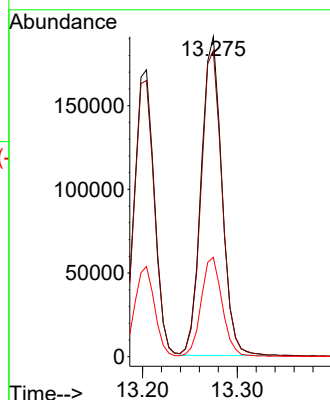
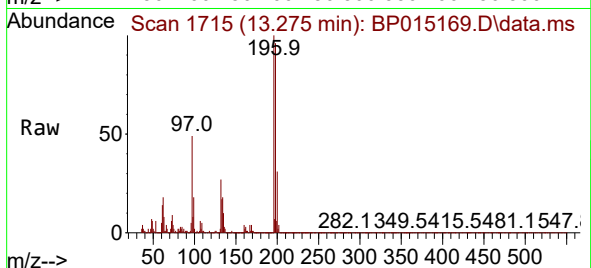
Tgt Ion:196 Resp: 289218

Ion Ratio Lower Upper

196 100

198 95.6 77.0 115.4

200 31.1 24.3 36.5



#43

1,1'-Biphenyl

Concen: 16.521 ng/ul

RT: 13.598 min Scan# 1770

Delta R.T. -0.006 min

Lab File: BP015169.D

Acq: 19 May 2023 13:06

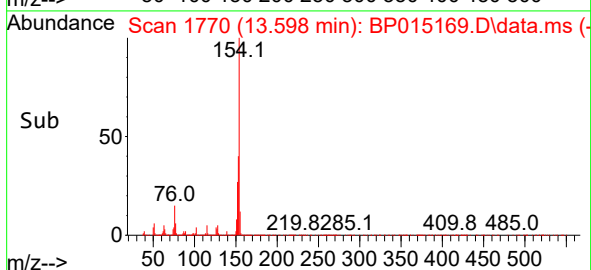
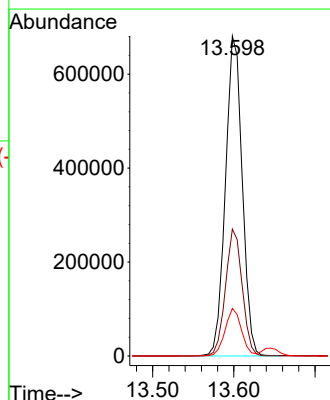
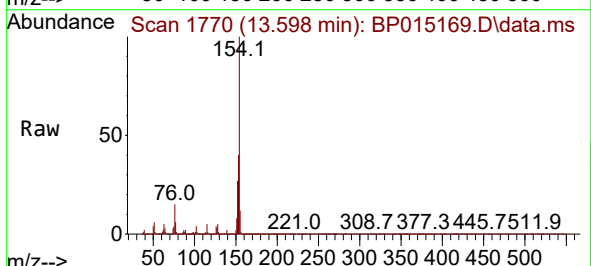
Tgt Ion:154 Resp: 981089

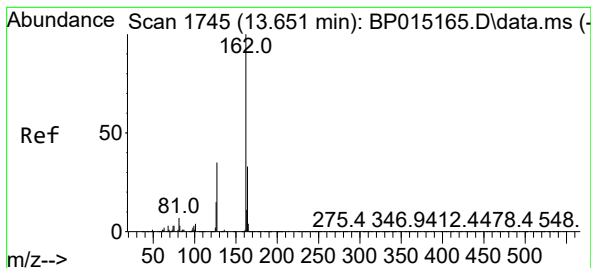
Ion Ratio Lower Upper

154 100

153 39.7 32.7 49.1

76 14.8 10.7 16.1





#44

2-Chloronaphthalene

Concen: 16.463 ng/ul

RT: 13.645 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP015169.D

Acq: 19 May 2023 13:06

Instrument :

BNA_P

ClientSampleId :

JREA0MS

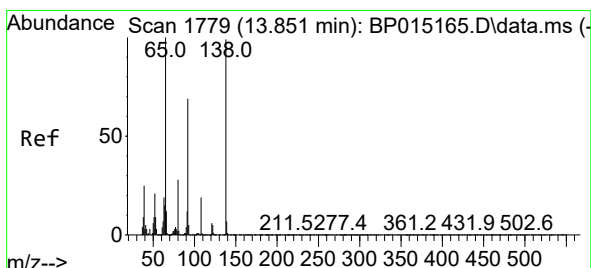
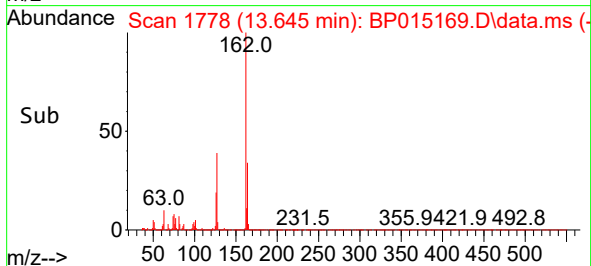
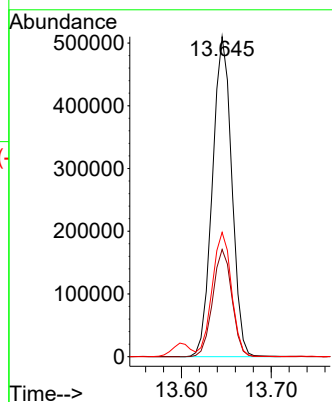
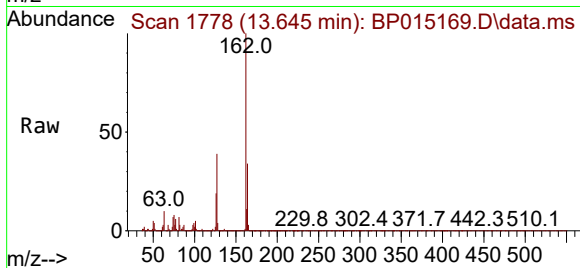
Tgt Ion:162 Resp: 763496

Ion Ratio Lower Upper

162 100

164 33.5 25.9 38.9

127 38.8 30.8 46.2



#45

2-Nitroaniline

Concen: 16.780 ng/ul

RT: 13.845 min Scan# 1812

Delta R.T. -0.006 min

Lab File: BP015169.D

Acq: 19 May 2023 13:06

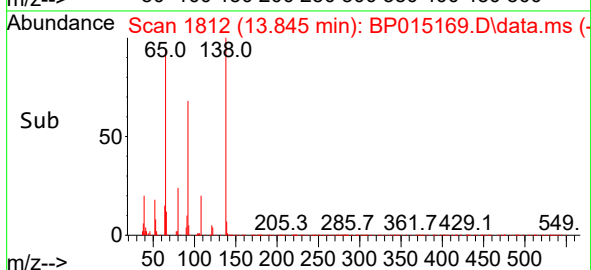
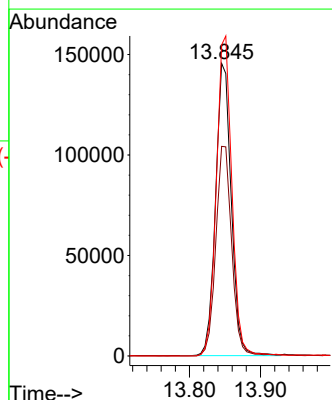
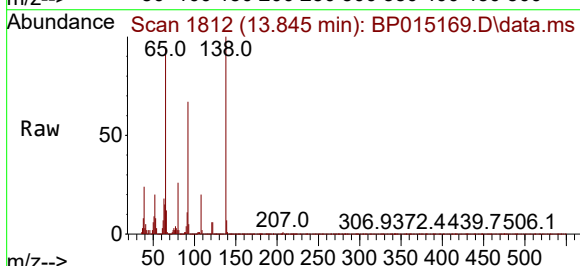
Tgt Ion: 65 Resp: 222658

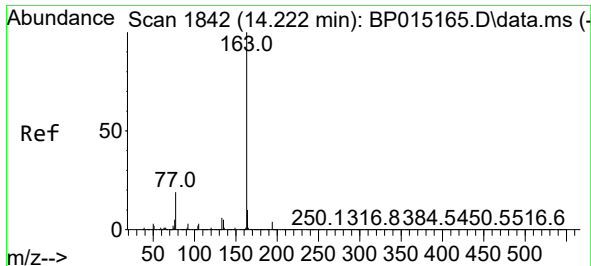
Ion Ratio Lower Upper

65 100

92 71.7 59.8 89.8

138 106.3 92.3 138.5

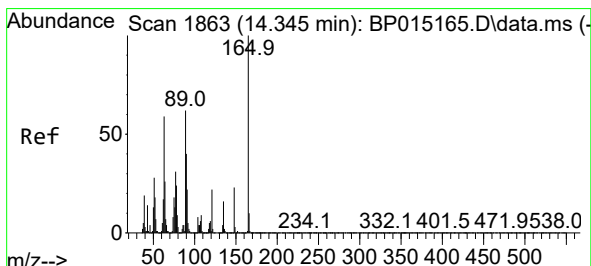
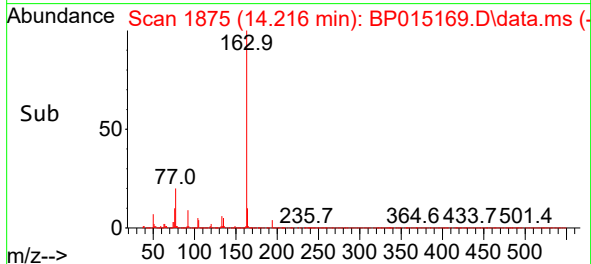
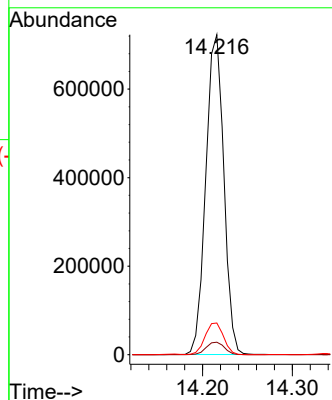
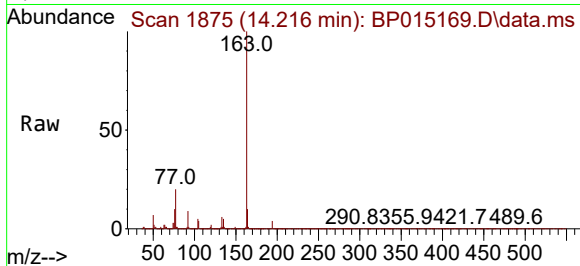




#47
Dimethylphthalate
Concen: 16.727 ng/ul
RT: 14.216 min Scan# 1875
Delta R.T. -0.000 min
Lab File: BP015169.D
Acq: 19 May 2023 13:06

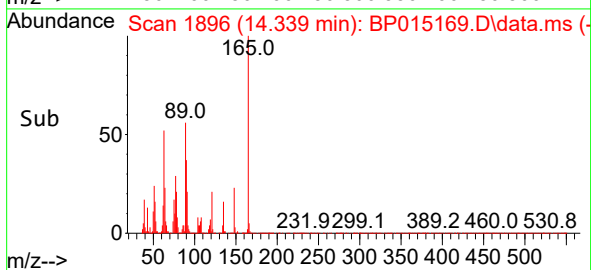
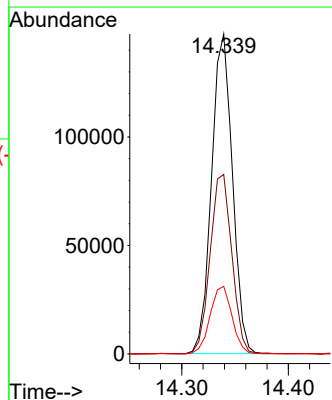
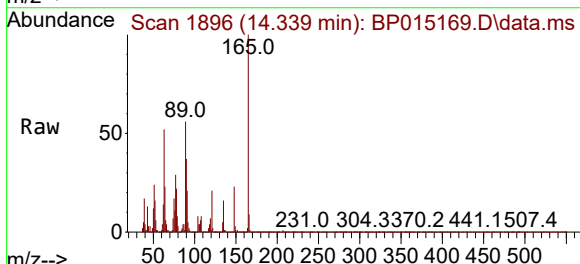
Instrument :
BNA_P
ClientSampleId :
JREA0MS

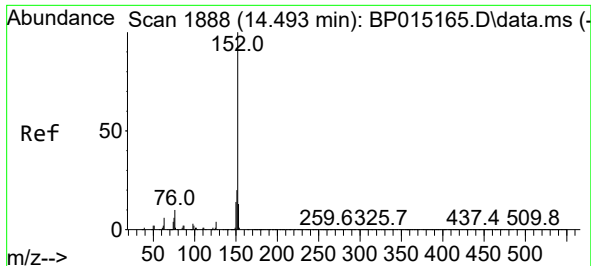
Tgt Ion:163 Resp: 1007540
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 9.9 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 16.831 ng/ul
RT: 14.339 min Scan# 1896
Delta R.T. -0.000 min
Lab File: BP015169.D
Acq: 19 May 2023 13:06

Tgt Ion:165 Resp: 200849
Ion Ratio Lower Upper
165 100
89 56.1 48.0 72.0
121 21.2 17.5 26.3

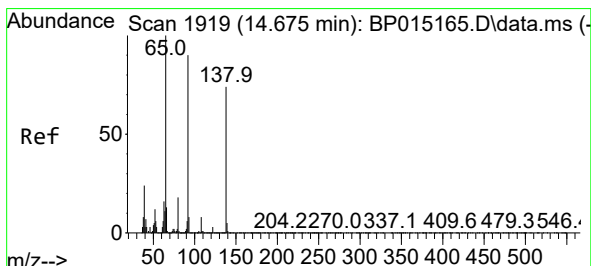
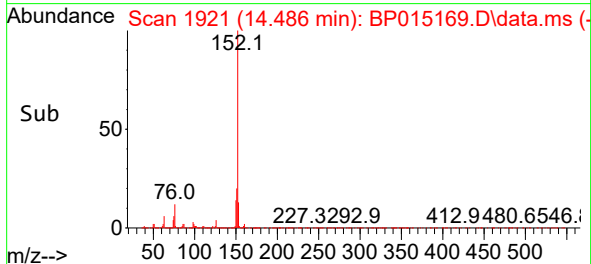
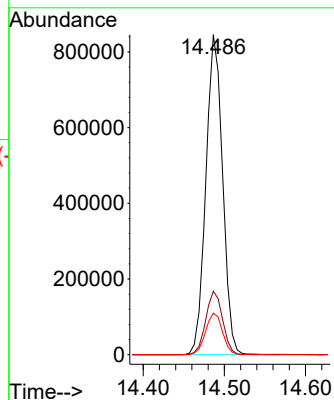
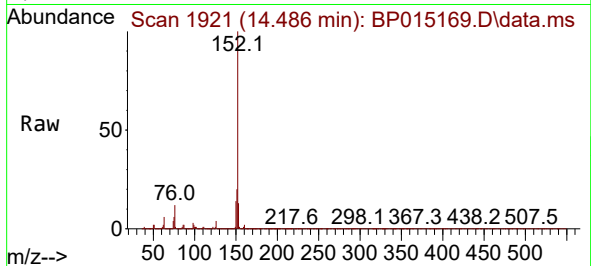




#50
Acenaphthylene
Concen: 16.371 ng/ul
RT: 14.486 min Scan# 1921
Delta R.T. -0.006 min
Lab File: BP015169.D
Acq: 19 May 2023 13:06

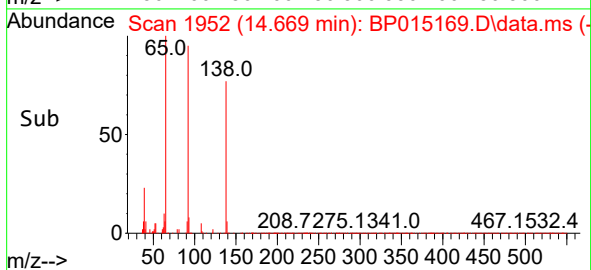
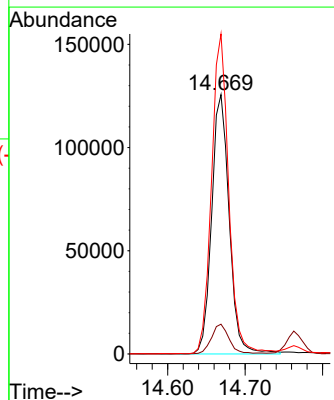
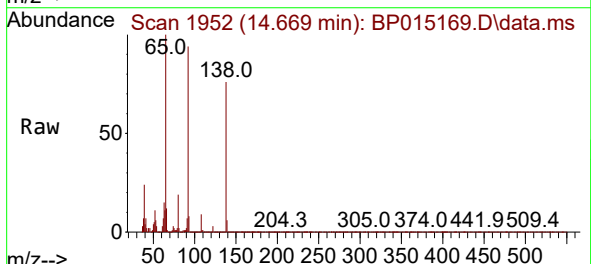
Instrument :
BNA_P
ClientSampleId :
JREA0MS

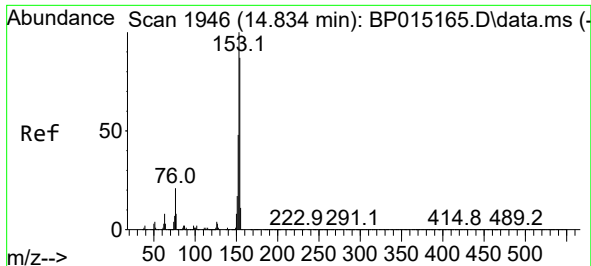
Tgt Ion:152 Resp: 1208327
Ion Ratio Lower Upper
152 100
151 19.8 16.1 24.1
153 13.0 10.3 15.5



#51
3-Nitroaniline
Concen: 18.402 ng/ul
RT: 14.669 min Scan# 1952
Delta R.T. -0.000 min
Lab File: BP015169.D
Acq: 19 May 2023 13:06

Tgt Ion:138 Resp: 197735
Ion Ratio Lower Upper
138 100
108 11.5 8.8 13.2
92 123.4 93.4 140.0

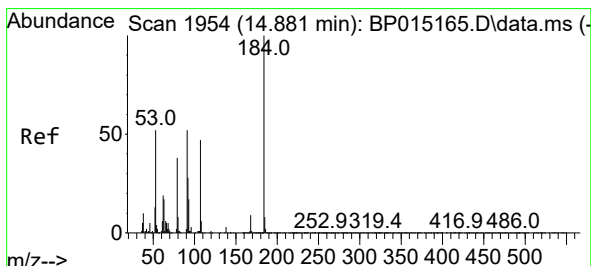
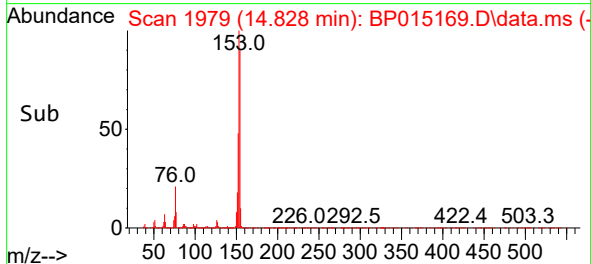
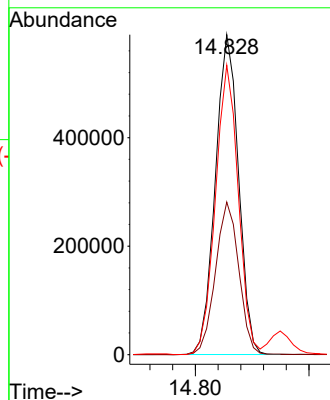
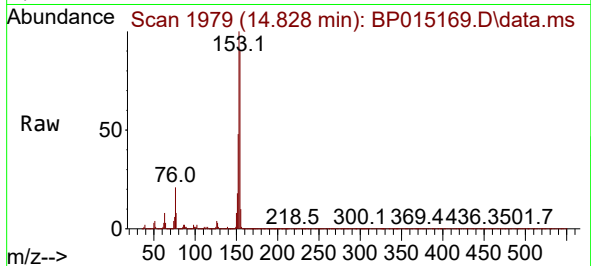




#52
Acenaphthene
Concen: 16.614 ng/ul
RT: 14.828 min Scan# 1979
Delta R.T. -0.006 min
Lab File: BP015169.D
Acq: 19 May 2023 13:06

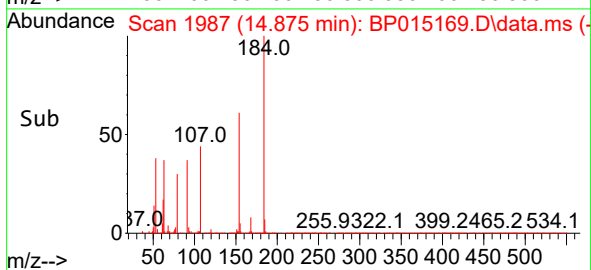
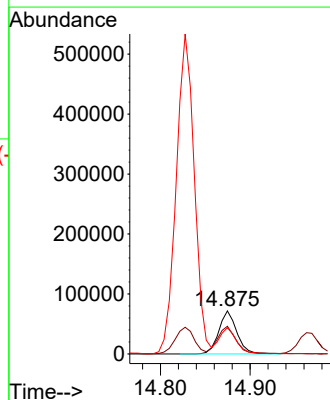
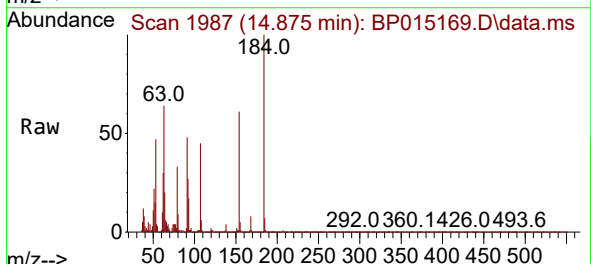
Instrument :
BNA_P
ClientSampleId :
JREA0MS

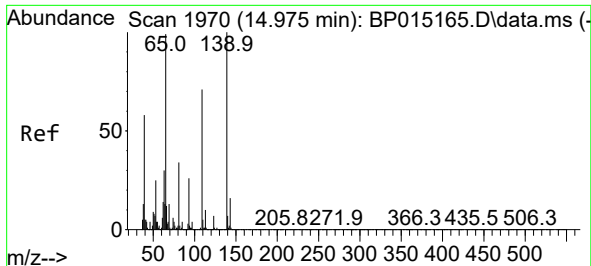
Tgt Ion:153 Resp: 837510
Ion Ratio Lower Upper
153 100
152 47.7 38.0 57.0
154 90.5 71.0 106.4



#53
2,4-Dinitrophenol
Concen: 12.630 ng/ul
RT: 14.875 min Scan# 1987
Delta R.T. -0.000 min
Lab File: BP015169.D
Acq: 19 May 2023 13:06

Tgt Ion:184 Resp: 100069
Ion Ratio Lower Upper
184 100
63 64.2 49.7 74.5
154 60.9 47.5 71.3

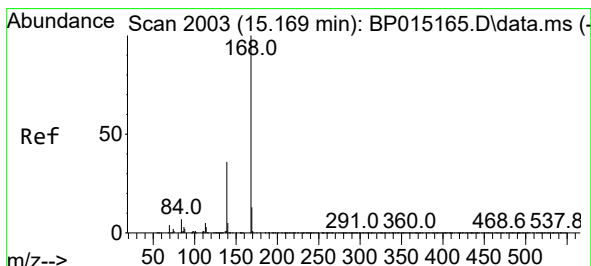
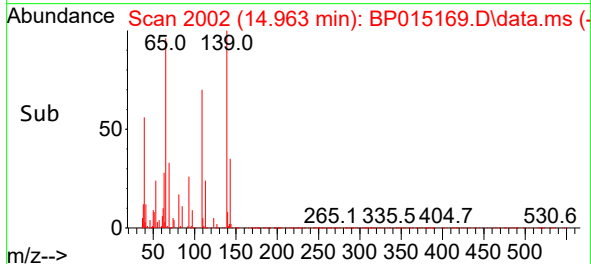
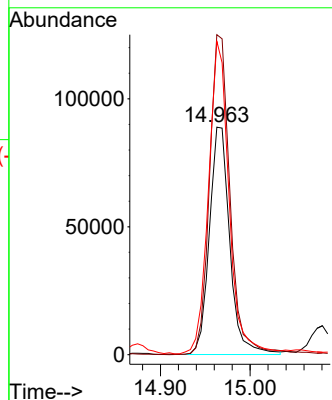
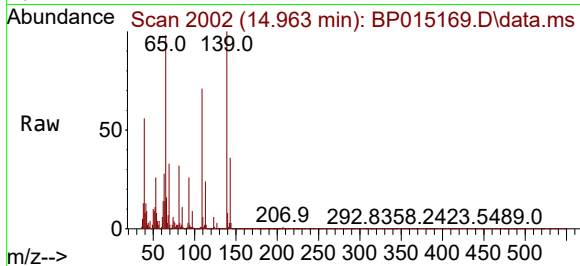




#55
4-Nitrophenol
Concen: 16.997 ng/ul
RT: 14.963 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BP015169.D
Acq: 19 May 2023 13:06

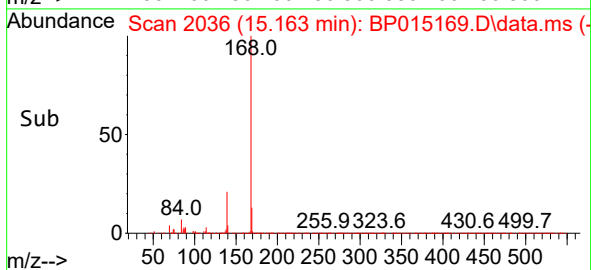
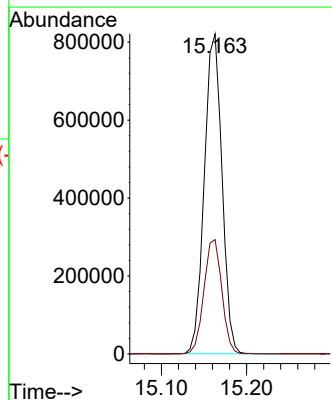
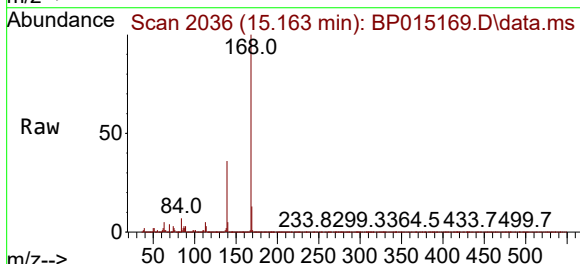
Instrument :
BNA_P
ClientSampleId :
JREA0MS

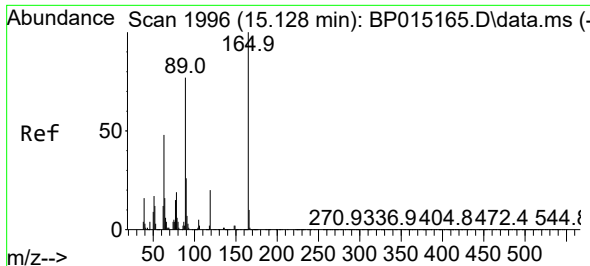
Tgt Ion:109 Resp: 140400
Ion Ratio Lower Upper
109 100
139 140.7 115.3 172.9
65 137.7 107.9 161.9



#56
Dibenzofuran
Concen: 16.893 ng/ul
RT: 15.163 min Scan# 2036
Delta R.T. -0.000 min
Lab File: BP015169.D
Acq: 19 May 2023 13:06

Tgt Ion:168 Resp: 1184461
Ion Ratio Lower Upper
168 100
139 35.8 29.4 44.0

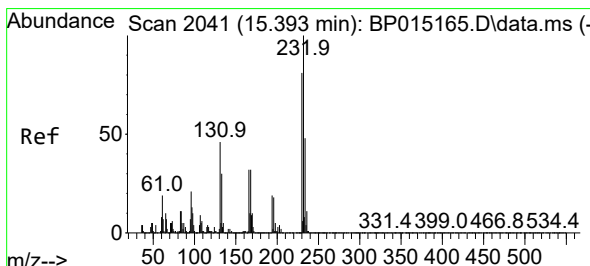
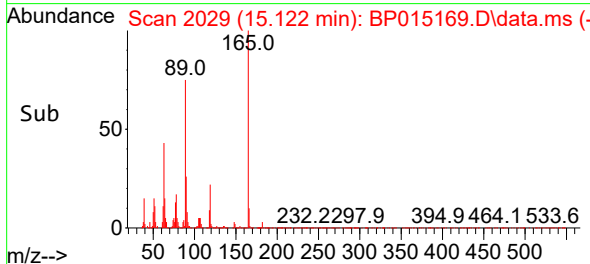
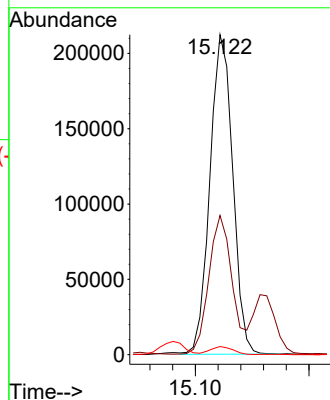
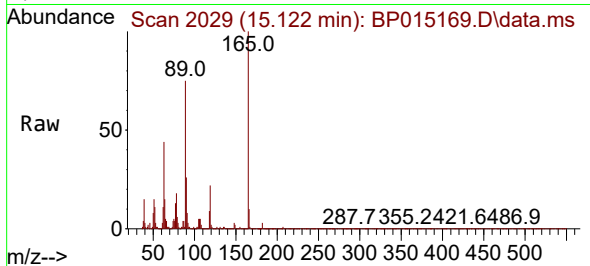




#57
2,4-Dinitrotoluene
Concen: 17.144 ng/ul
RT: 15.122 min Scan# 2074
Delta R.T. -0.006 min
Lab File: BP015169.D
Acq: 19 May 2023 13:06

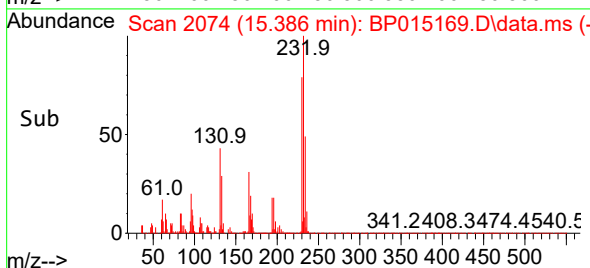
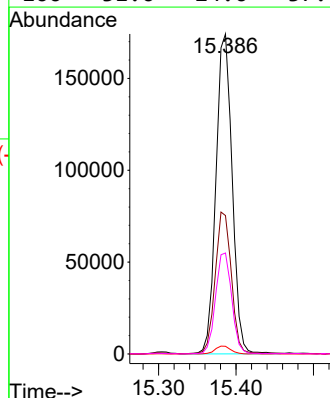
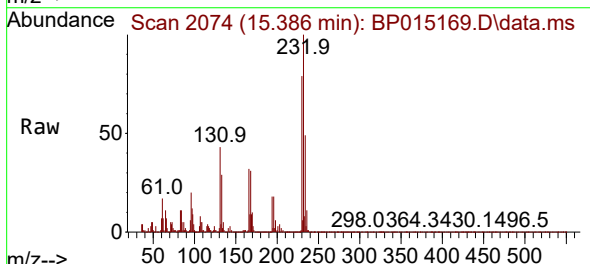
Instrument :
BNA_P
ClientSampleId :
JREA0MS

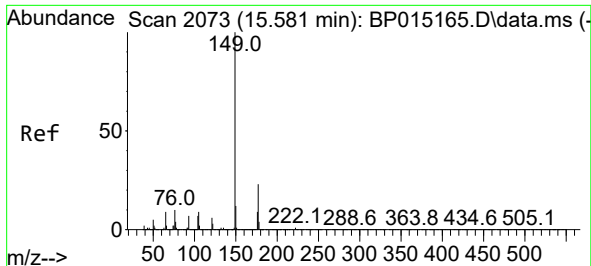
Tgt Ion:165 Resp: 296041
Ion Ratio Lower Upper
165 100
63 43.5 33.1 49.7
182 2.5 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 17.106 ng/ul
RT: 15.386 min Scan# 2074
Delta R.T. -0.000 min
Lab File: BP015169.D
Acq: 19 May 2023 13:06

Tgt Ion:232 Resp: 253021
Ion Ratio Lower Upper
232 100
131 43.2 36.8 55.2
130 2.4 1.9 2.9
166 31.6 24.6 37.0

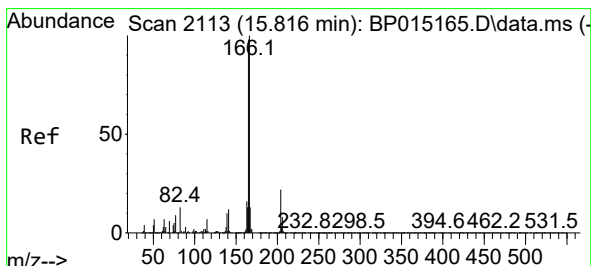
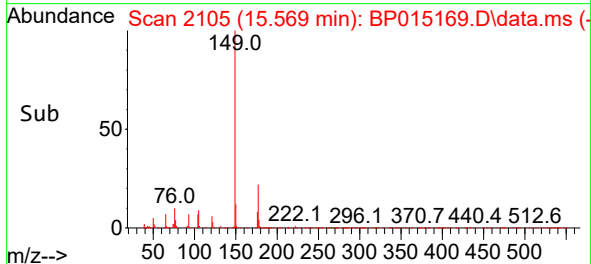
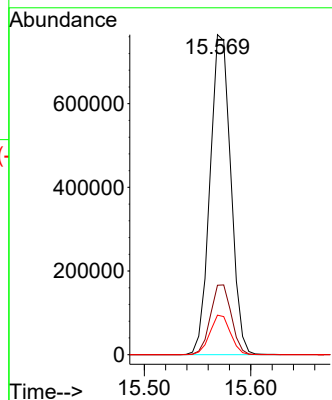
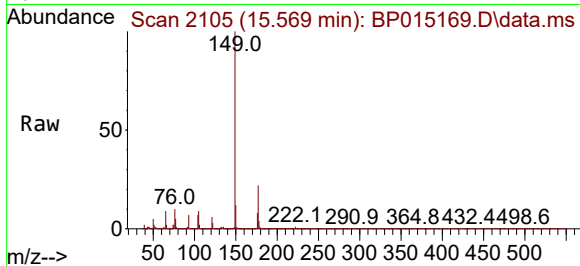




#59
Diethylphthalate
Concen: 17.251 ng/ul
RT: 15.569 min Scan# 2105
Delta R.T. -0.006 min
Lab File: BP015169.D
Acq: 19 May 2023 13:06

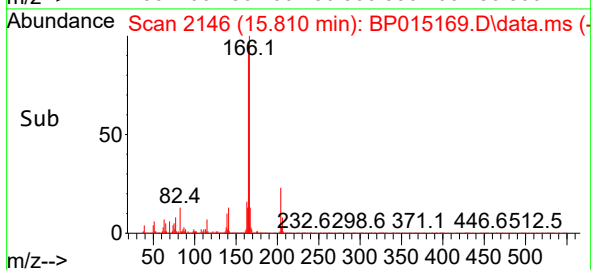
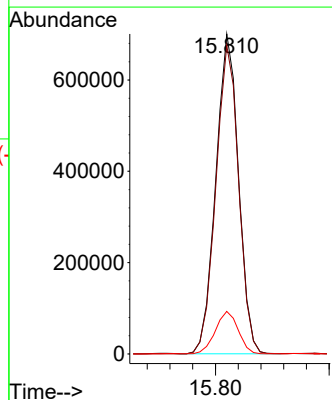
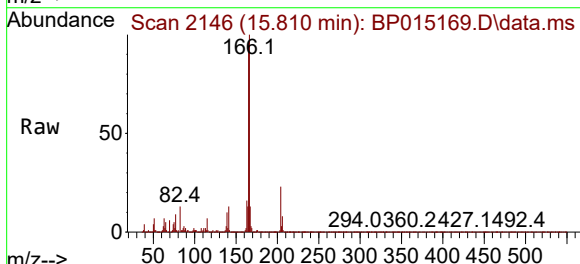
Instrument :
BNA_P
ClientSampleId :
JREA0MS

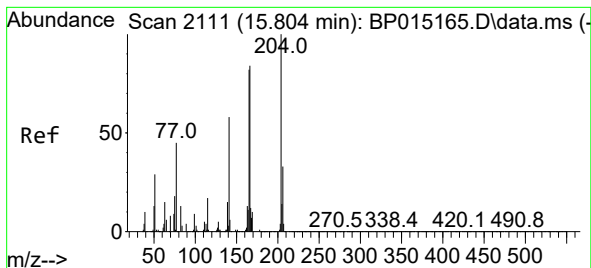
Tgt Ion:149 Resp: 1036378
Ion Ratio Lower Upper
149 100
177 21.7 17.5 26.3
150 12.4 9.8 14.8



#61
Fluorene
Concen: 17.276 ng/ul
RT: 15.810 min Scan# 2146
Delta R.T. -0.006 min
Lab File: BP015169.D
Acq: 19 May 2023 13:06

Tgt Ion:166 Resp: 973428
Ion Ratio Lower Upper
166 100
165 96.5 77.8 116.6
167 13.3 10.6 15.8

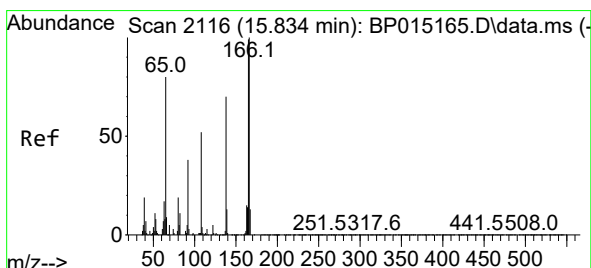
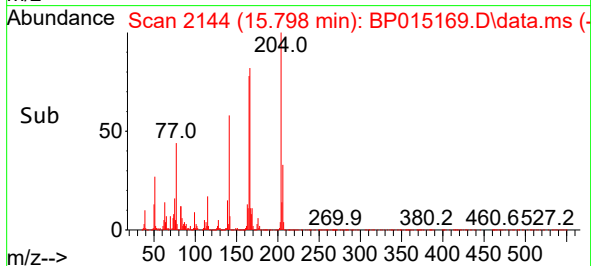
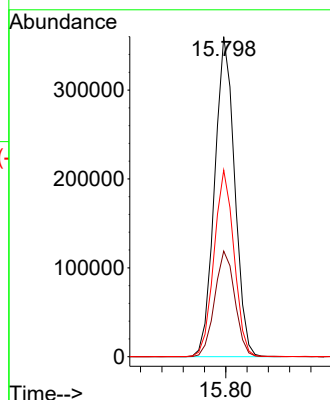
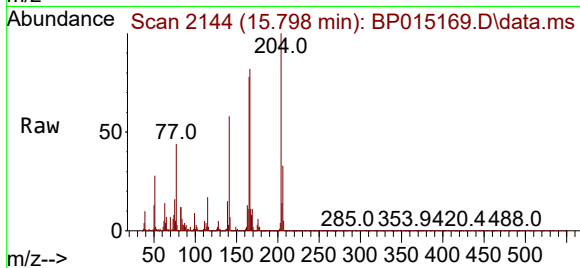




#62
4-Chlorophenyl-phenylether
Concen: 17.075 ng/ul
RT: 15.798 min Scan# 2111
Delta R.T. -0.006 min
Lab File: BP015169.D
Acq: 19 May 2023 13:06

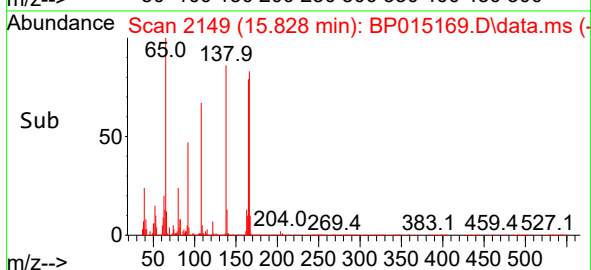
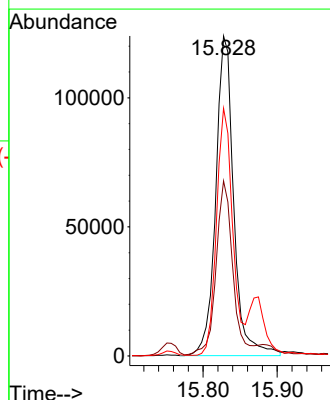
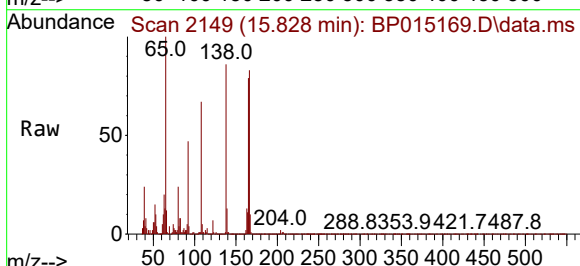
Instrument :
BNA_P
ClientSampleId :
JREA0MS

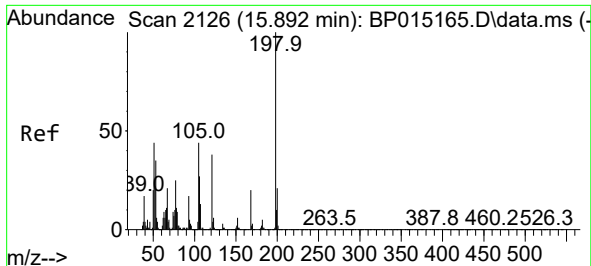
Tgt Ion:204 Resp: 470091
Ion Ratio Lower Upper
204 100
206 33.0 26.1 39.1
141 58.3 44.5 66.7



#63
4-Nitroaniline
Concen: 22.494 ng/ul
RT: 15.828 min Scan# 2149
Delta R.T. -0.006 min
Lab File: BP015169.D
Acq: 19 May 2023 13:06

Tgt Ion:138 Resp: 208729
Ion Ratio Lower Upper
138 100
92 54.7 41.2 61.8
108 77.4 60.1 90.1

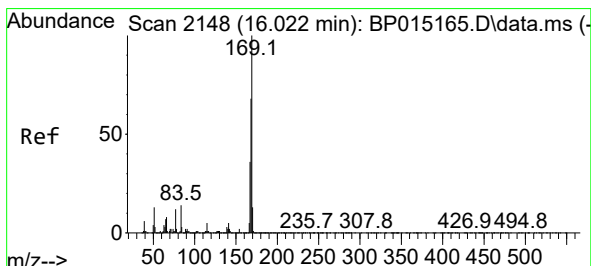
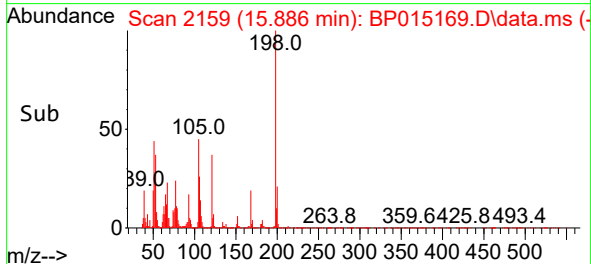
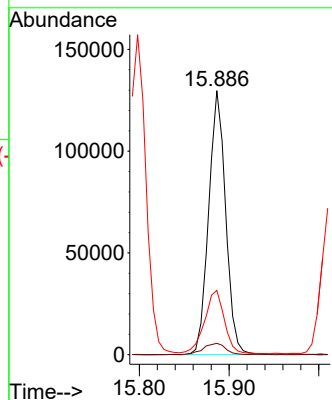
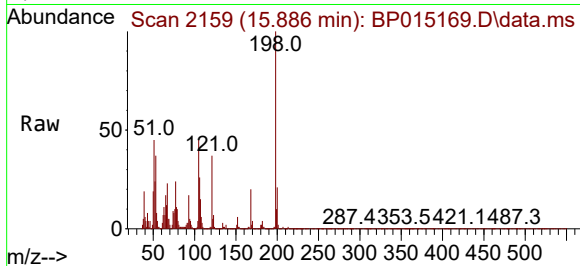




#66
4,6-Dinitro-2-methylphenol
Concen: 15.260 ng/ul
RT: 15.886 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BP015169.D
Acq: 19 May 2023 13:06

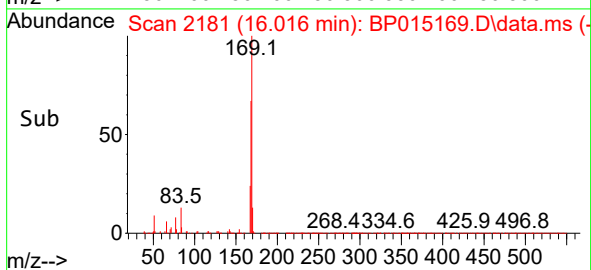
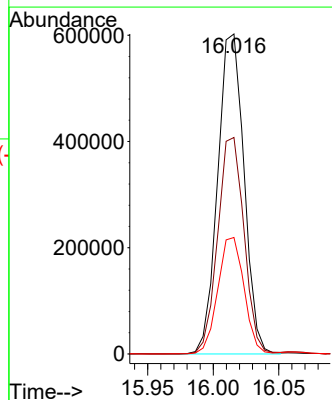
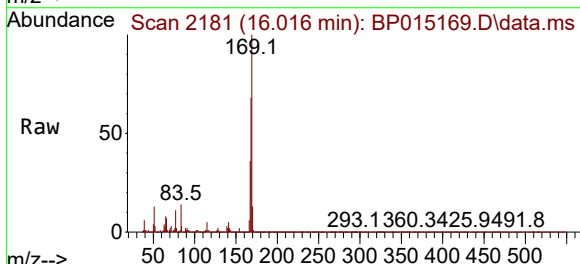
Instrument :
BNA_P
ClientSampleId :
JREA0MS

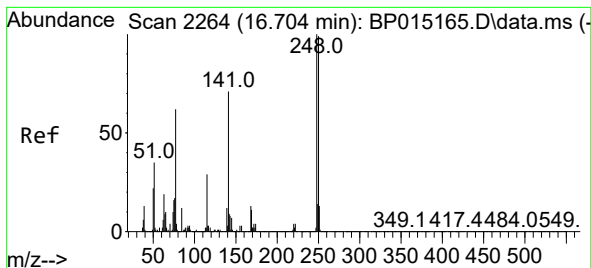
Tgt Ion:198 Resp: 170690
Ion Ratio Lower Upper
198 100
182 4.3 3.7 5.5
77 24.4 21.2 31.8



#67
N-Nitrosodiphenylamine
Concen: 16.639 ng/ul
RT: 16.016 min Scan# 2181
Delta R.T. -0.000 min
Lab File: BP015169.D
Acq: 19 May 2023 13:06

Tgt Ion:169 Resp: 841417
Ion Ratio Lower Upper
169 100
168 67.7 53.5 80.3
167 36.4 28.9 43.3

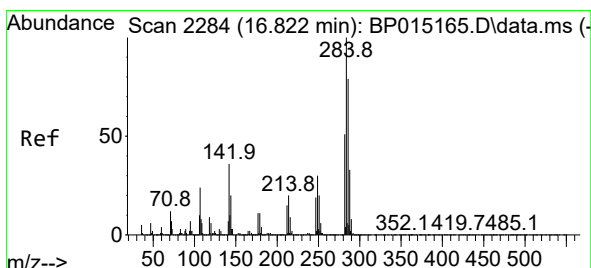
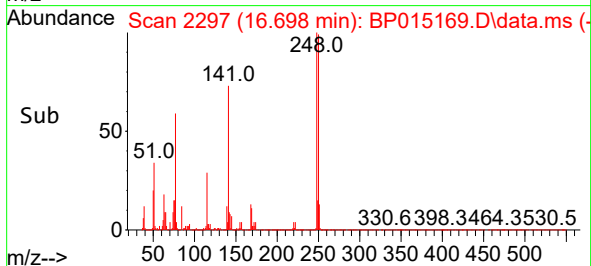
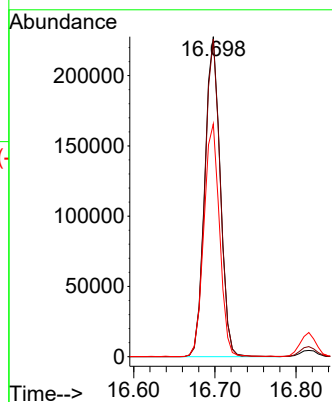
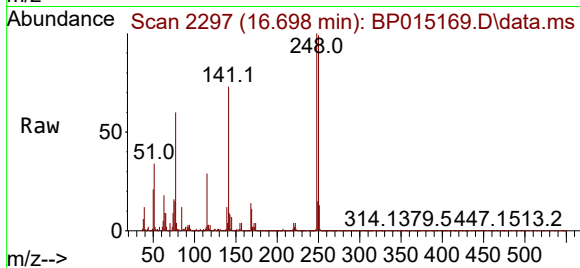




#68
4-Bromophenyl-phenylether
Concen: 16.971 ng/ul
RT: 16.698 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BP015169.D
Acq: 19 May 2023 13:06

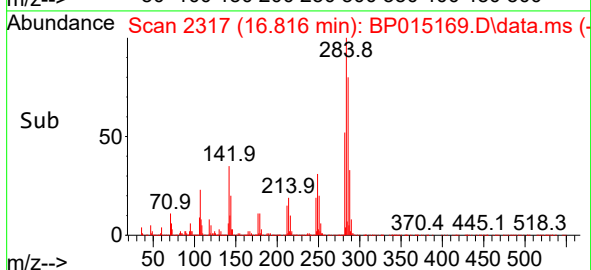
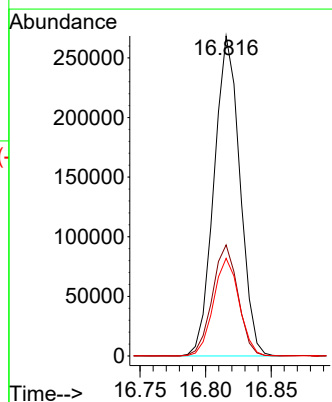
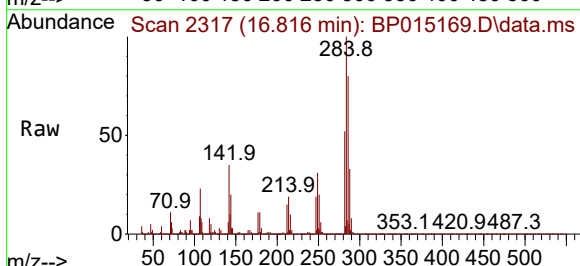
Instrument :
BNA_P
ClientSampleId :
JREA0MS

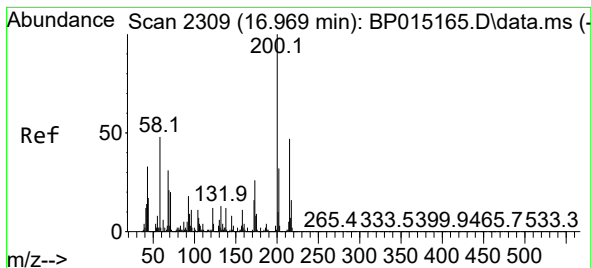
Tgt Ion:248 Resp: 300636
Ion Ratio Lower Upper
248 100
250 99.2 79.0 118.4
141 72.8 58.6 87.8



#69
Hexachlorobenzene
Concen: 17.566 ng/ul
RT: 16.816 min Scan# 2317
Delta R.T. -0.006 min
Lab File: BP015169.D
Acq: 19 May 2023 13:06

Tgt Ion:284 Resp: 367713
Ion Ratio Lower Upper
284 100
142 34.7 27.3 40.9
249 30.5 24.6 36.8





#70

Atrazine

Concen: 10.488 ng/ul

RT: 16.963 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015169.D

Acq: 19 May 2023 13:06

Instrument :

BNA_P

ClientSampleId :

JREA0MS

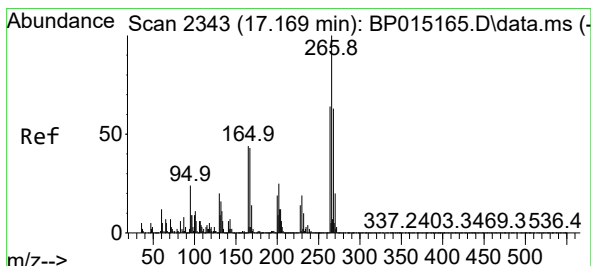
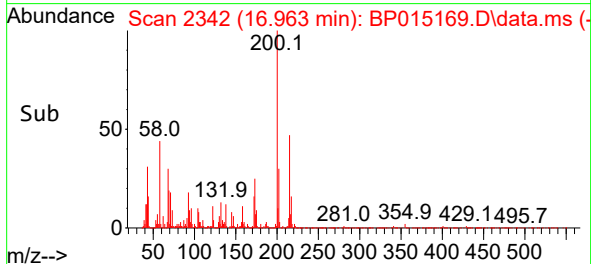
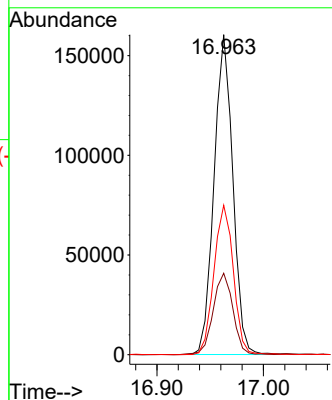
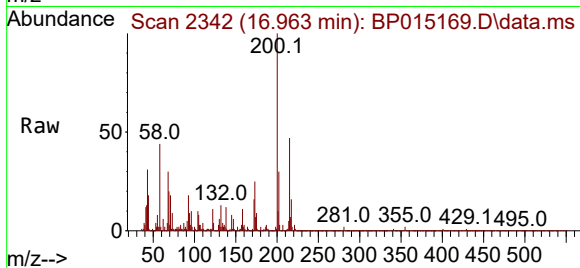
Tgt Ion:200 Resp: 196036

Ion Ratio Lower Upper

200 100

173 25.5 21.4 32.2

215 46.7 38.1 57.1



#71

Pentachlorophenol

Concen: 18.429 ng/ul

RT: 17.163 min Scan# 2376

Delta R.T. -0.000 min

Lab File: BP015169.D

Acq: 19 May 2023 13:06

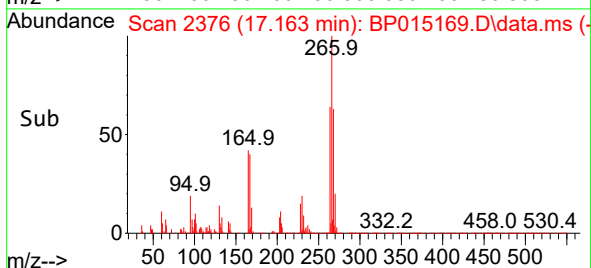
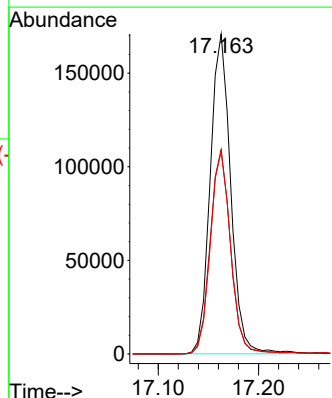
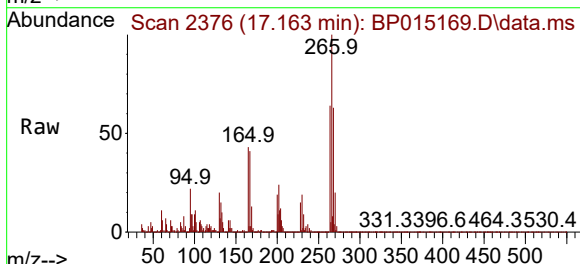
Tgt Ion:266 Resp: 241315

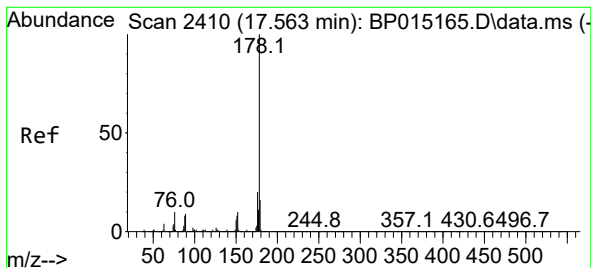
Ion Ratio Lower Upper

266 100

264 63.9 51.0 76.4

268 63.3 51.8 77.6





#72

Phenanthrene

Concen: 17.604 ng/ul

RT: 17.557 min Scan# 2410

Delta R.T. -0.006 min

Lab File: BP015169.D

Acq: 19 May 2023 13:06

Instrument :

BNA_P

ClientSampleId :

JREA0MS

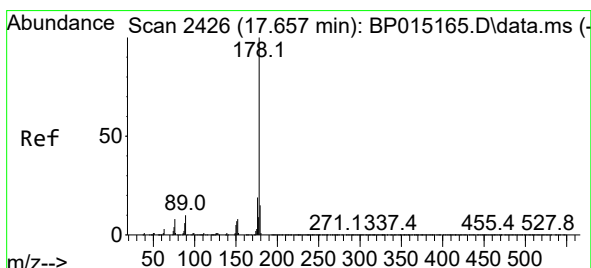
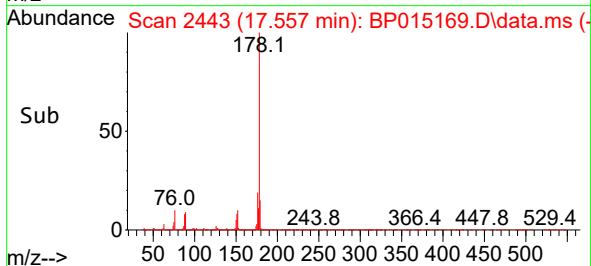
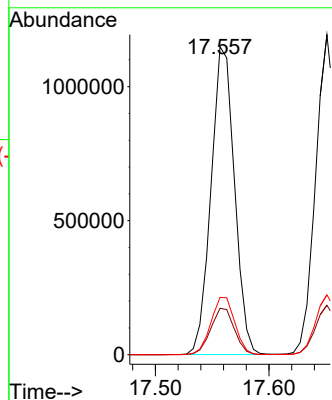
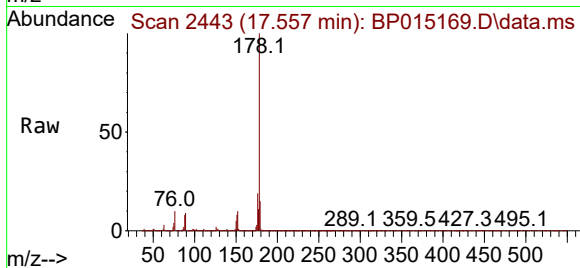
Tgt Ion:178 Resp: 1648575

Ion Ratio Lower Upper

178 100

179 15.1 12.2 18.2

176 18.6 15.6 23.4



#74

Anthracene

Concen: 16.952 ng/ul

RT: 17.651 min Scan# 2459

Delta R.T. -0.006 min

Lab File: BP015169.D

Acq: 19 May 2023 13:06

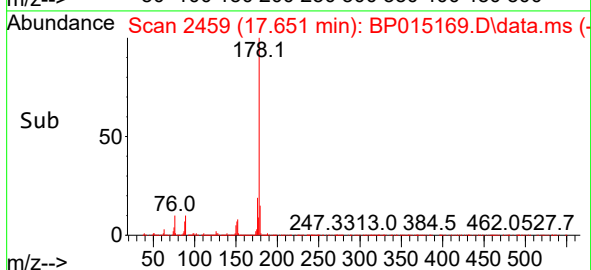
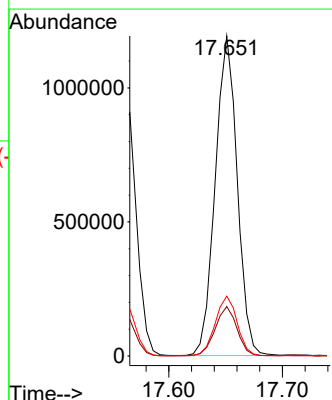
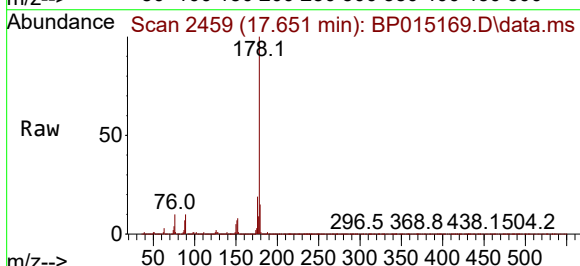
Tgt Ion:178 Resp: 1605405

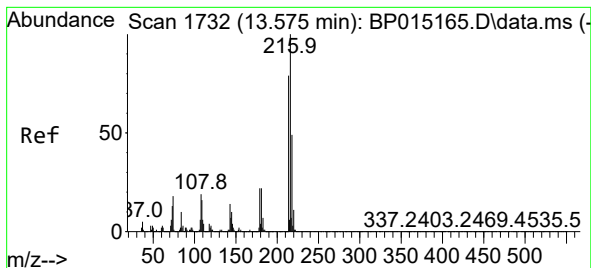
Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.2

176 18.7 15.2 22.8





#75

1,2,3,4-Tetrachlorobenzene

Concen: 16.072 ng/uL

RT: 13.569 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP015169.D

Acq: 19 May 2023 13:06

Instrument :

BNA_P

ClientSampleId :

JREA0MS

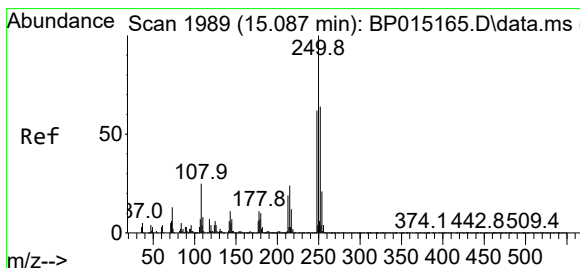
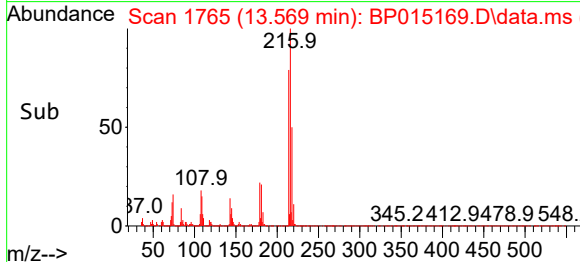
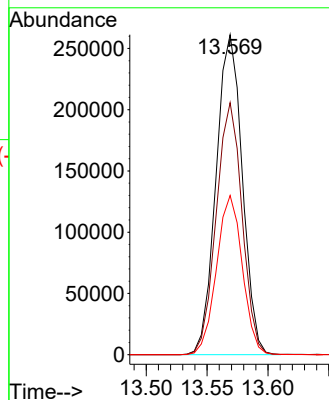
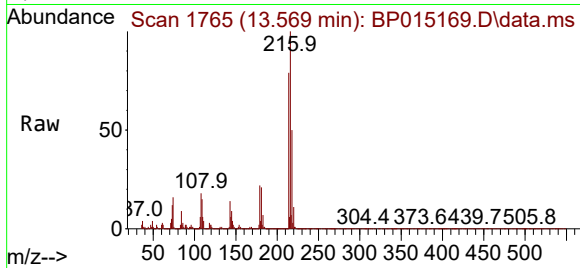
Tgt Ion:216 Resp: 391898

Ion Ratio Lower Upper

216 100

214 78.7 62.2 93.4

218 49.8 38.2 57.2



#76

Pentachlorobenzene

Concen: 16.375 ng/uL

RT: 15.081 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BP015169.D

Acq: 19 May 2023 13:06

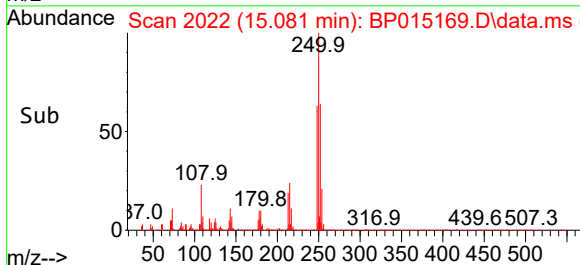
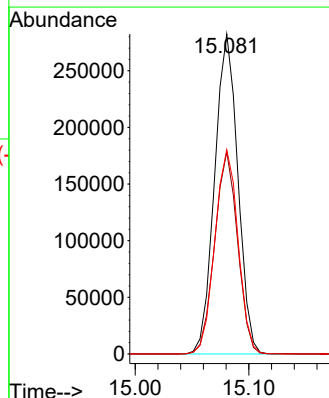
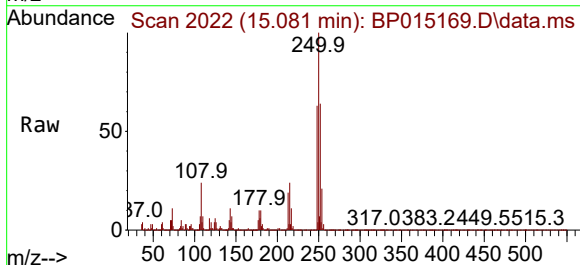
Tgt Ion:250 Resp: 400922

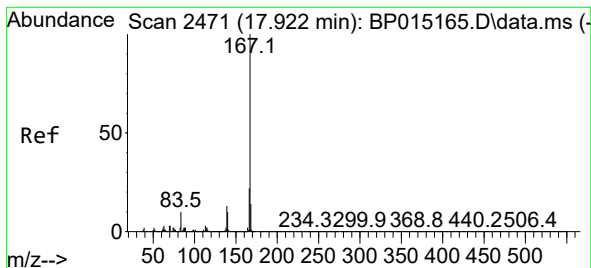
Ion Ratio Lower Upper

250 100

248 63.1 49.8 74.6

252 63.8 51.6 77.4





#77

Carbazole

Concen: 18.241 ng/ul

RT: 17.916 min Scan# 2504

Delta R.T. -0.000 min

Lab File: BP015169.D

Acq: 19 May 2023 13:06

Instrument :

BNA_P

ClientSampleId :

JREA0MS

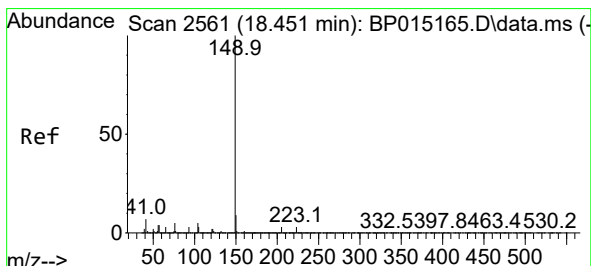
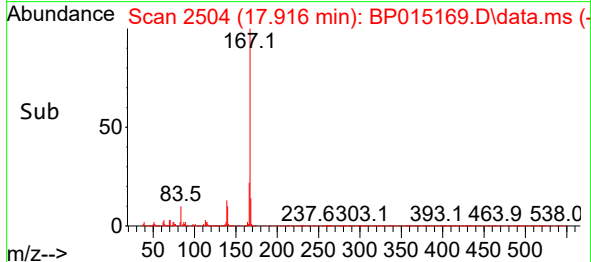
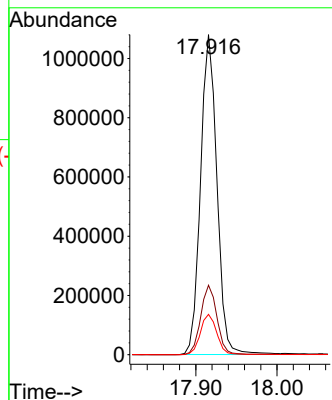
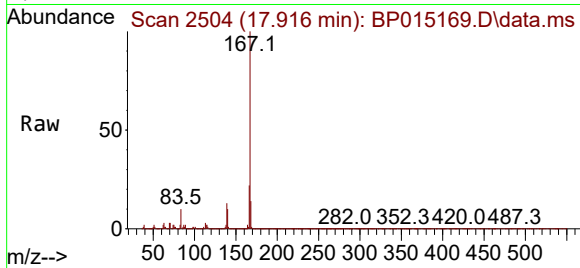
Tgt Ion:167 Resp: 1514716

Ion Ratio Lower Upper

167 100

166 21.7 17.4 26.2

139 12.6 10.2 15.4



#78

Di-n-butylphthalate

Concen: 18.161 ng/ul

RT: 18.445 min Scan# 2594

Delta R.T. -0.006 min

Lab File: BP015169.D

Acq: 19 May 2023 13:06

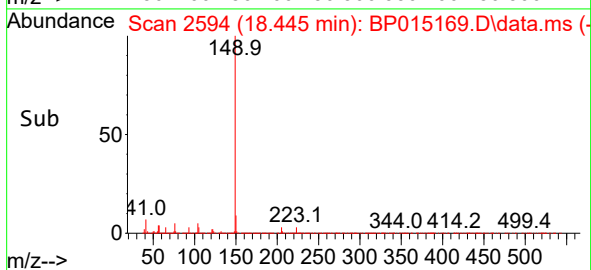
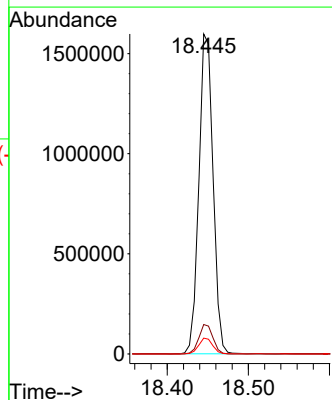
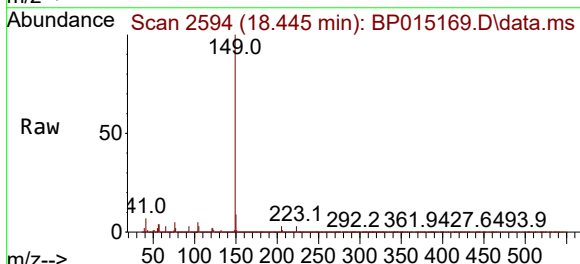
Tgt Ion:149 Resp: 1942099

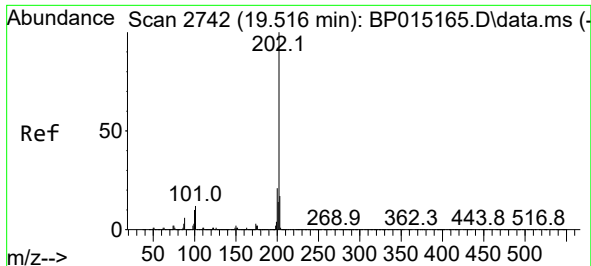
Ion Ratio Lower Upper

149 100

150 9.2 7.3 10.9

104 5.0 3.9 5.9

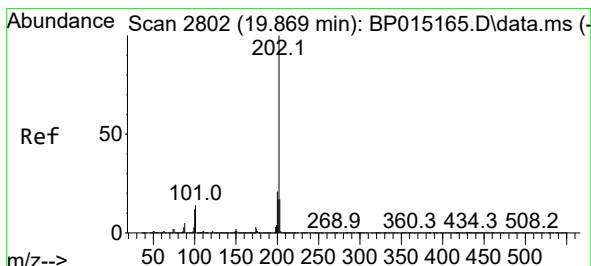
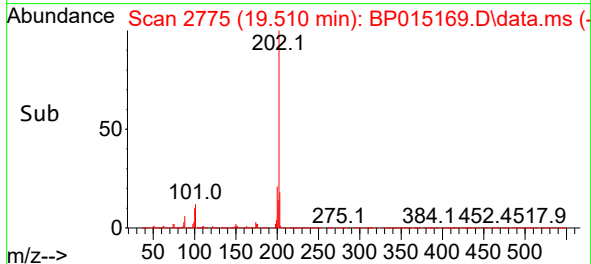
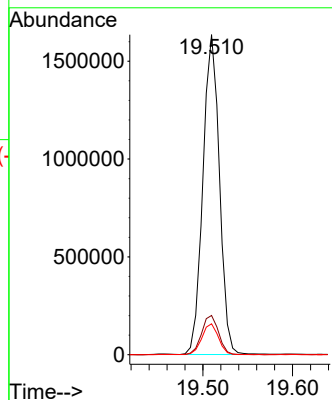
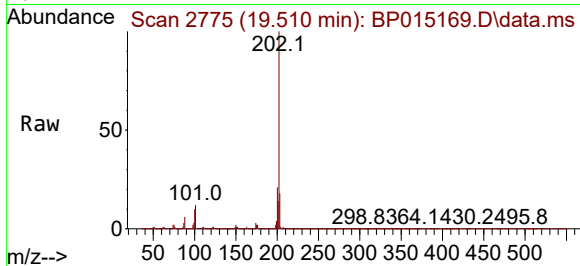




#80
Fluoranthene
Concen: 19.101 ng/ul
RT: 19.510 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP015169.D
Acq: 19 May 2023 13:06

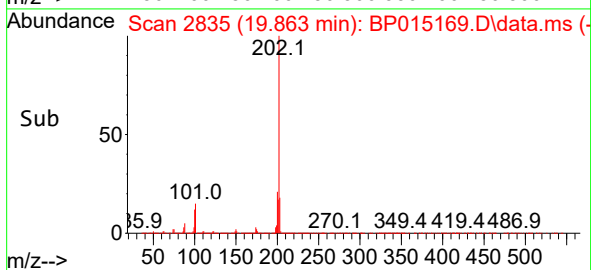
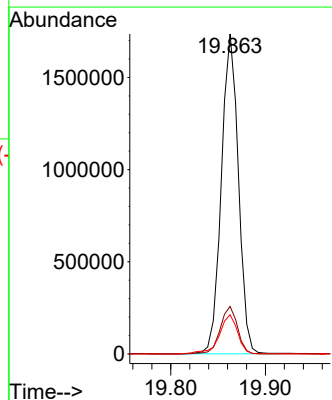
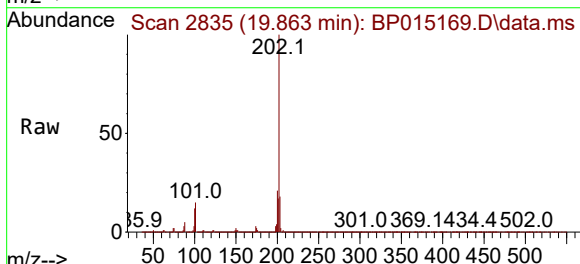
Instrument :
BNA_P
ClientSampleId :
JREA0MS

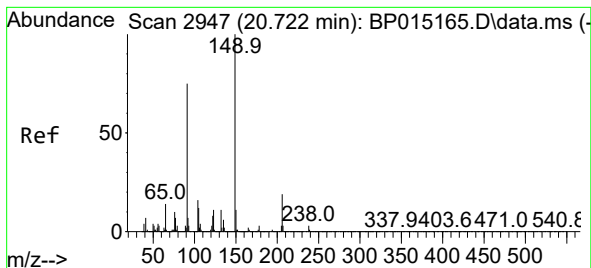
Tgt Ion:202 Resp: 2093207
Ion Ratio Lower Upper
202 100
101 12.2 9.5 14.3
100 9.6 7.3 10.9



#82
Pyrene
Concen: 19.201 ng/ul
RT: 19.863 min Scan# 2835
Delta R.T. -0.006 min
Lab File: BP015169.D
Acq: 19 May 2023 13:06

Tgt Ion:202 Resp: 2172922
Ion Ratio Lower Upper
202 100
101 14.9 11.2 16.8
100 12.2 9.0 13.6





#83

Butylbenzylphthalate

Concen: 17.901 ng/ul

RT: 20.715 min Scan# 2947

Delta R.T. -0.006 min

Lab File: BP015169.D

Acq: 19 May 2023 13:06

Instrument :

BNA_P

ClientSampleId :

JREA0MS

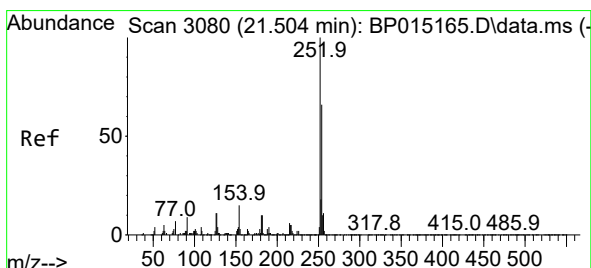
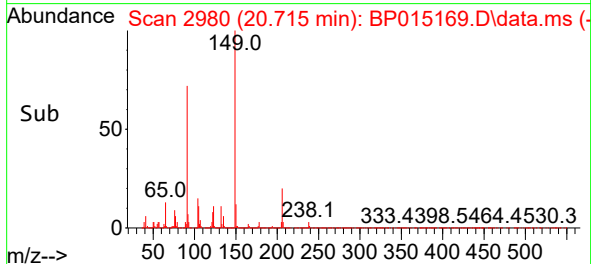
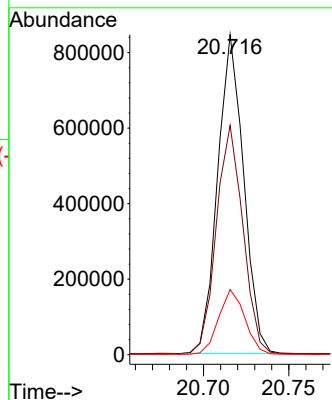
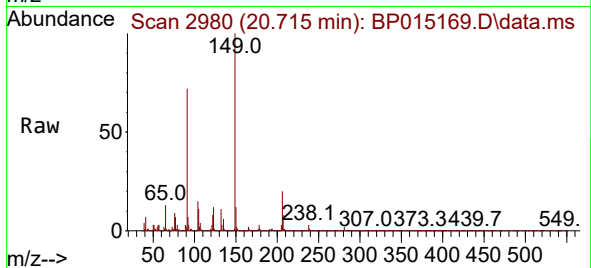
Tgt Ion:149 Resp: 898069

Ion Ratio Lower Upper

149 100

91 71.7 57.4 86.2

206 20.3 16.6 25.0



#84

3,3'-Dichlorobenzidine

Concen: 12.752 ng/ul

RT: 21.498 min Scan# 3113

Delta R.T. -0.006 min

Lab File: BP015169.D

Acq: 19 May 2023 13:06

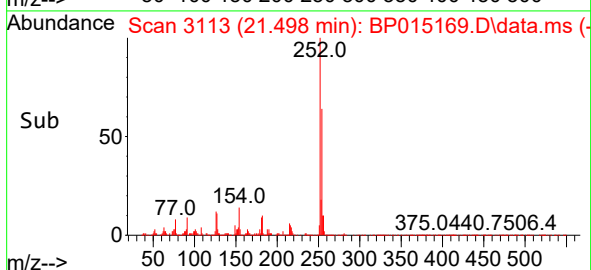
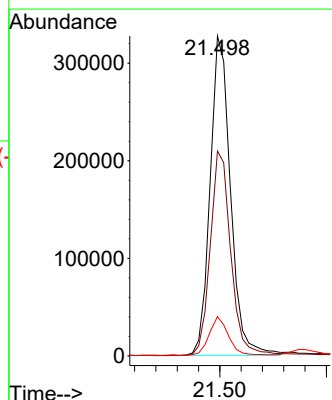
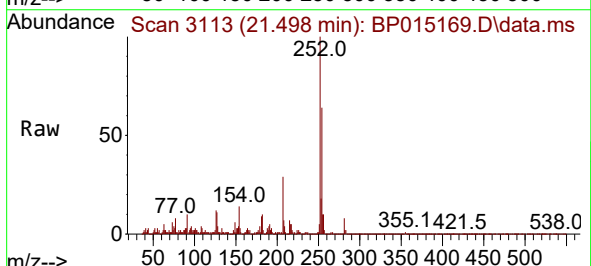
Tgt Ion:252 Resp: 434168

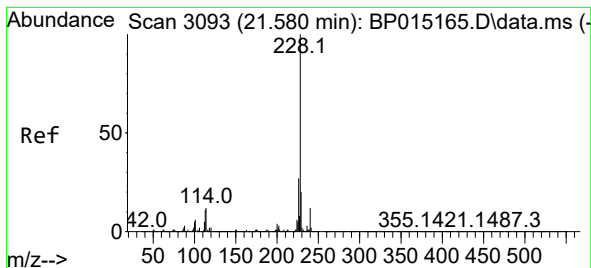
Ion Ratio Lower Upper

252 100

254 64.0 50.8 76.2

126 12.3 9.8 14.8





#85

Benzo(a)anthracene

Concen: 18.791 ng/ul

RT: 21.574 min Scan# 3109

Delta R.T. -0.006 min

Lab File: BP015169.D

Acq: 19 May 2023 13:06

Instrument :

BNA_P

ClientSampleId :

JREA0MS

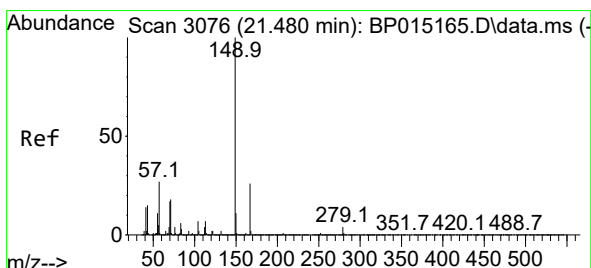
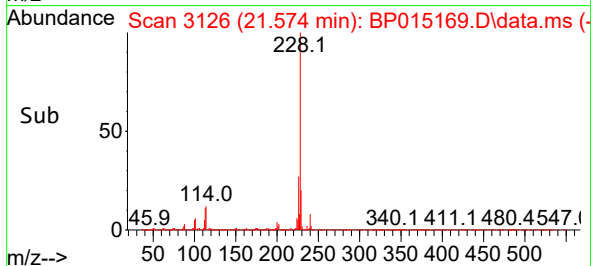
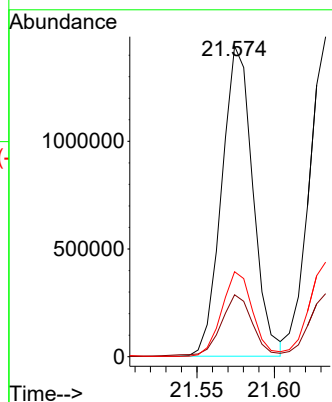
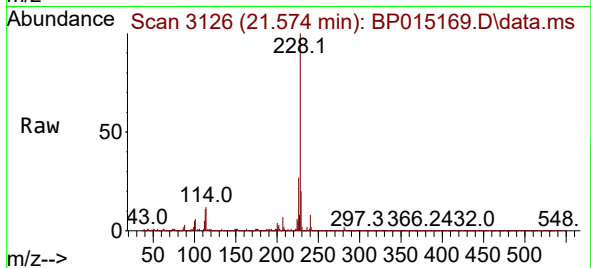
Tgt Ion:228 Resp: 2014222

Ion Ratio Lower Upper

228 100

229 19.9 16.1 24.1

226 27.4 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 18.235 ng/ul

RT: 21.474 min Scan# 3109

Delta R.T. -0.006 min

Lab File: BP015169.D

Acq: 19 May 2023 13:06

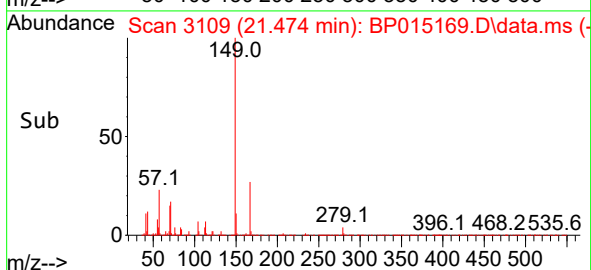
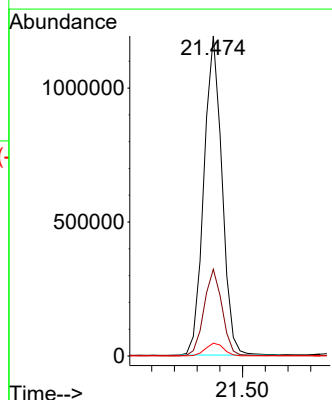
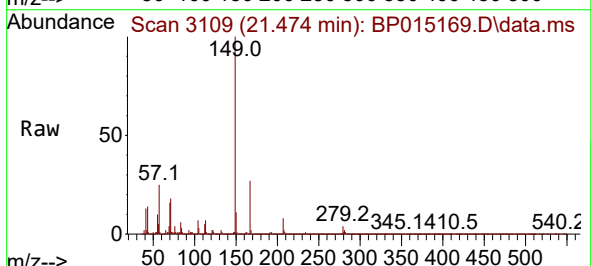
Tgt Ion:149 Resp: 1317098

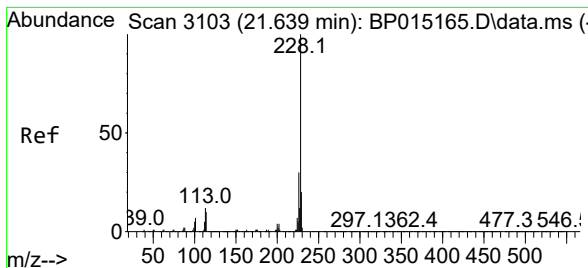
Ion Ratio Lower Upper

149 100

167 27.1 21.8 32.6

279 4.0 3.2 4.8





#87

Chrysene

Concen: 19.107 ng/ul

RT: 21.633 min Scan# 3103

Delta R.T. -0.000 min

Lab File: BP015169.D

Acq: 19 May 2023 13:06

Instrument :

BNA_P

ClientSampleId :

JREA0MS

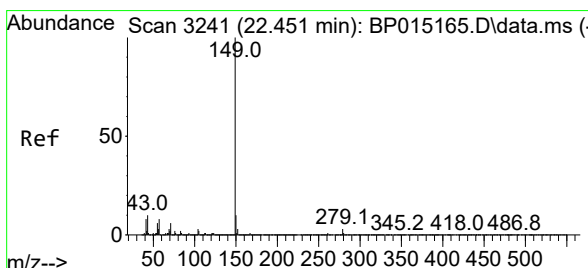
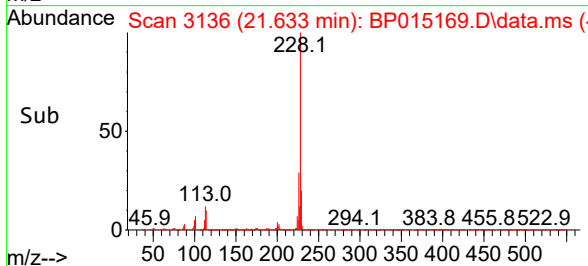
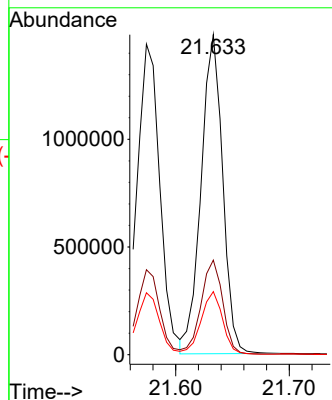
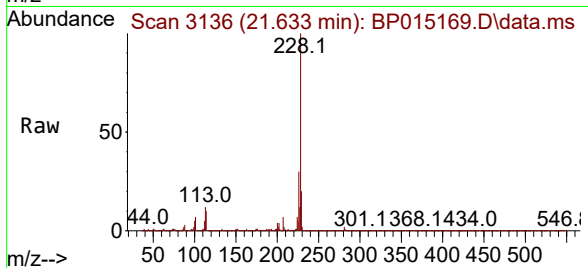
Tgt Ion:228 Resp: 1957860

Ion Ratio Lower Upper

228 100

226 29.5 25.0 37.6

229 19.7 16.1 24.1



#89

Di-n-octyl phthalate

Concen: 18.812 ng/ul

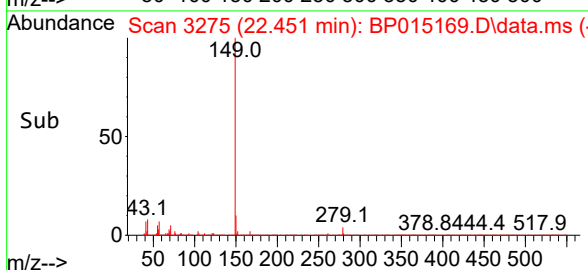
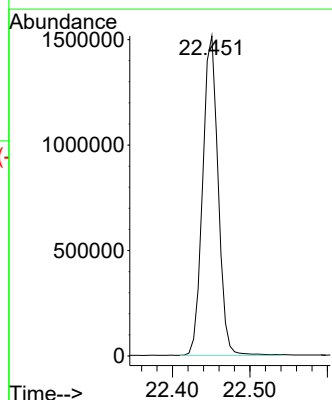
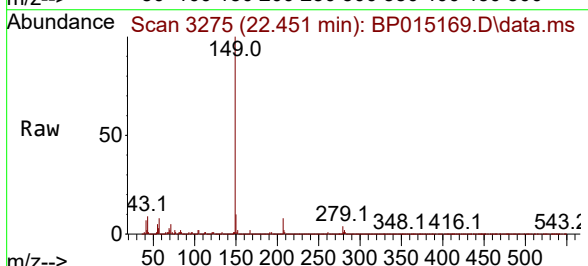
RT: 22.451 min Scan# 3275

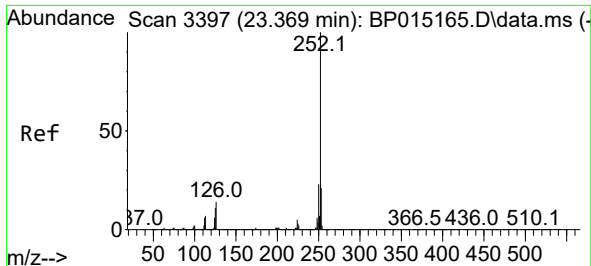
Delta R.T. -0.000 min

Lab File: BP015169.D

Acq: 19 May 2023 13:06

Tgt Ion:149 Resp: 2098163

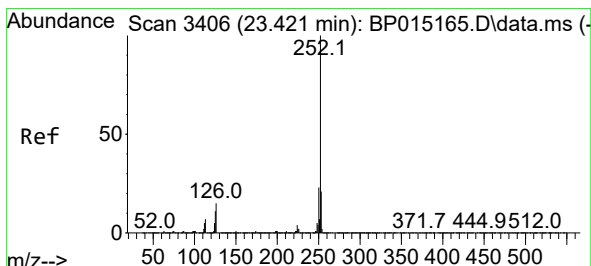
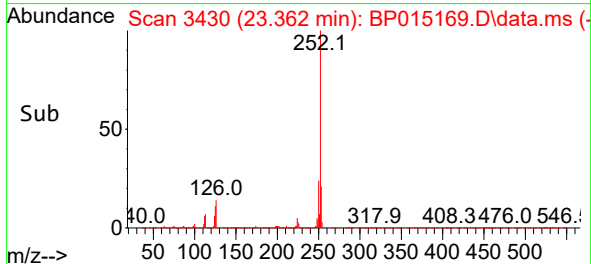
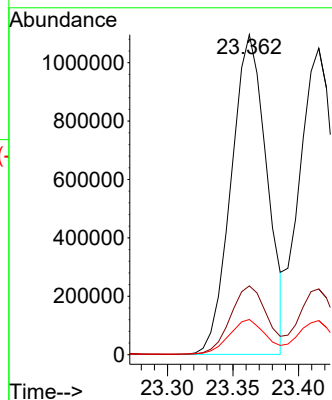
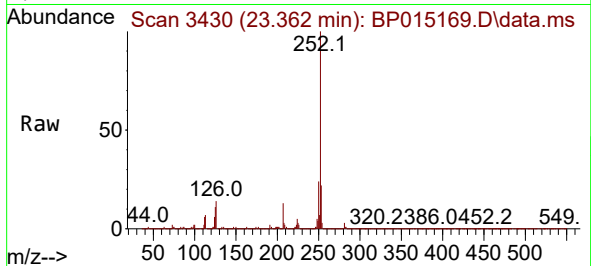




#90
Benzo(b)fluoranthene
Concen: 20.115 ng/ul
RT: 23.362 min Scan# 3430
Delta R.T. -0.006 min
Lab File: BP015169.D
Acq: 19 May 2023 13:06

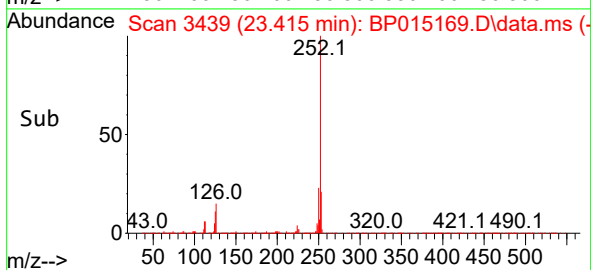
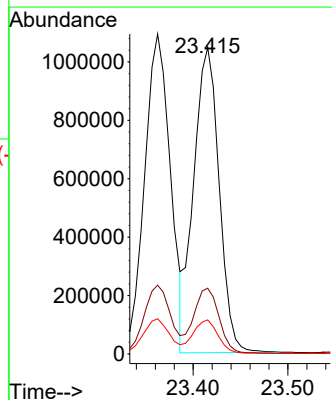
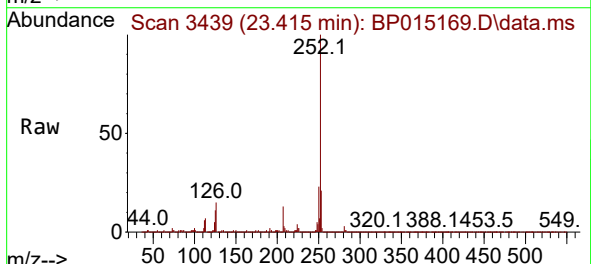
Instrument :
BNA_P
ClientSampleId :
JREA0MS

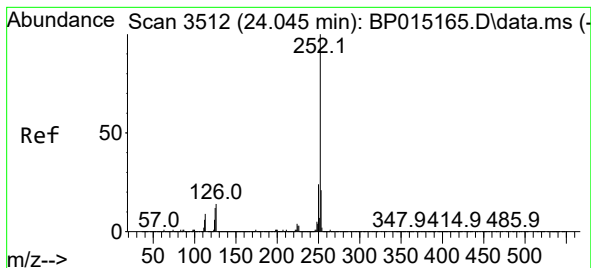
Tgt Ion:252 Resp: 2076709
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.2
125 11.0 8.3 12.5



#91
Benzo(k)fluoranthene
Concen: 19.668 ng/ul
RT: 23.415 min Scan# 3439
Delta R.T. -0.006 min
Lab File: BP015169.D
Acq: 19 May 2023 13:06

Tgt Ion:252 Resp: 1949752
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 11.1 8.5 12.7





#93

Benzo(a)pyrene

Concen: 18.006 ng/ul

RT: 24.039 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP015169.D

Acq: 19 May 2023 13:06

Instrument :

BNA_P

ClientSampleId :

JREA0MS

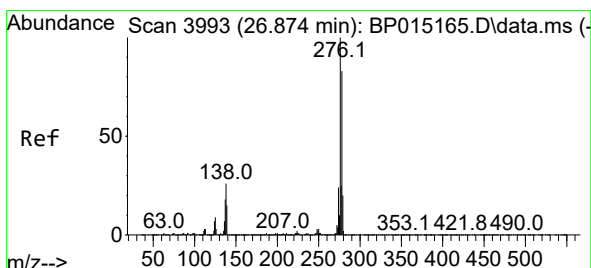
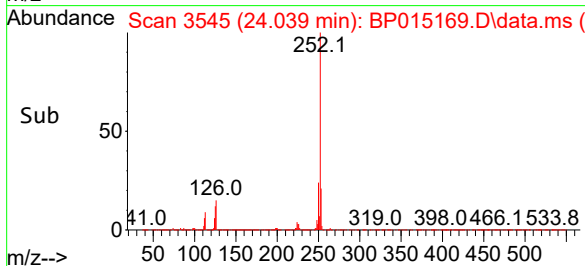
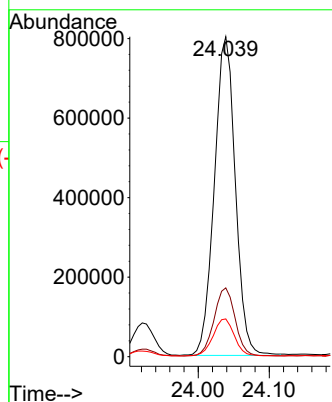
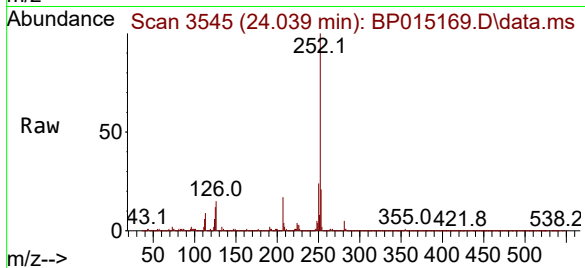
Tgt Ion:252 Resp: 1643180

Ion Ratio Lower Upper

252 100

253 21.5 17.2 25.8

125 11.8 9.1 13.7



#94

Indeno(1,2,3-cd)pyrene

Concen: 16.122 ng/ul

RT: 26.856 min Scan# 4024

Delta R.T. -0.012 min

Lab File: BP015169.D

Acq: 19 May 2023 13:06

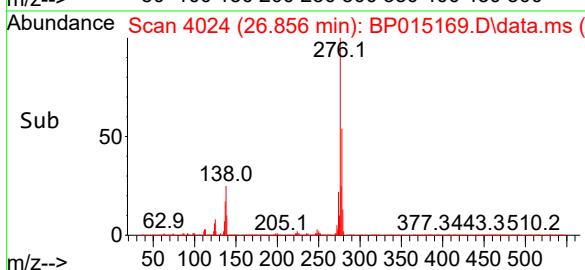
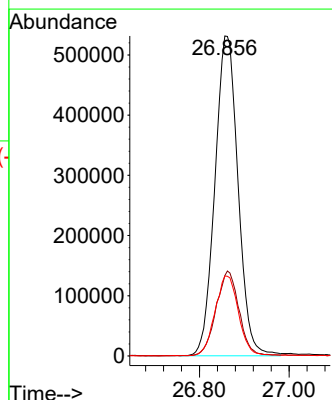
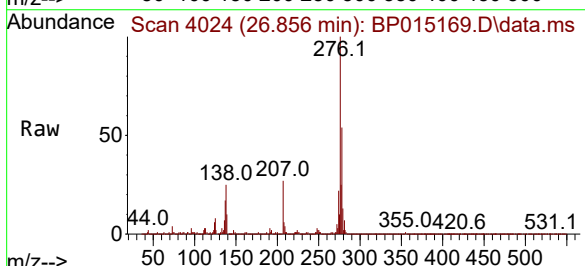
Tgt Ion:276 Resp: 1904919

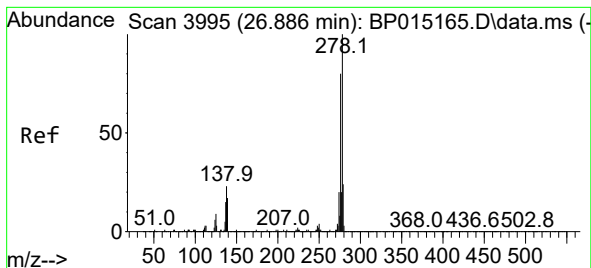
Ion Ratio Lower Upper

276 100

138 25.1 20.1 30.1

277 25.0 19.8 29.8





#95

Dibenzo(a,h)anthracene

Concen: 15.572 ng/ul

RT: 26.880 min Scan# 410

Delta R.T. -0.006 min

Lab File: BP015169.D

Acq: 19 May 2023 13:06

Instrument :

BNA_P

ClientSampleId :

JREA0MS

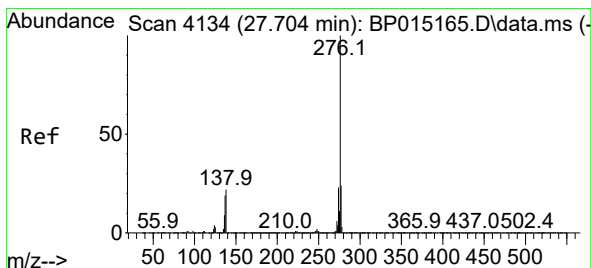
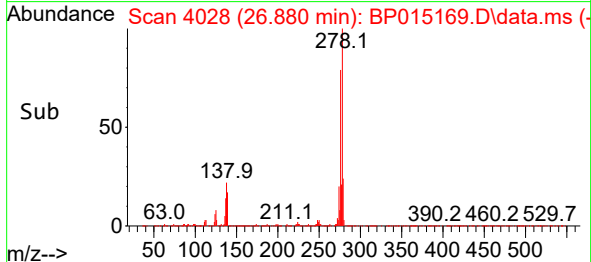
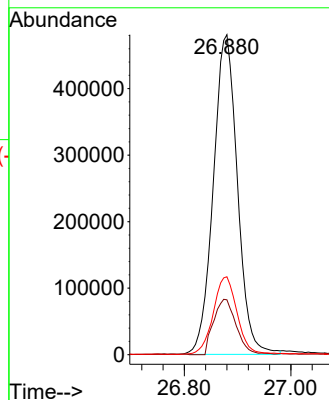
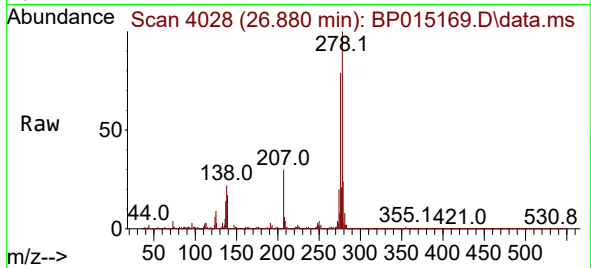
Tgt Ion:278 Resp: 1510418

Ion Ratio Lower Upper

278 100

139 17.1 13.3 19.9

279 24.4 19.1 28.7



#96

Benzo(g,h,i)perylene

Concen: 15.886 ng/ul

RT: 27.692 min Scan# 4166

Delta R.T. -0.012 min

Lab File: BP015169.D

Acq: 19 May 2023 13:06

Tgt Ion:276 Resp: 1530615

Ion Ratio Lower Upper

276 100

138 21.9 17.7 26.5

277 23.7 18.8 28.2

